

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086752.D
 Acq On : 7 May 2016 4:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:17:25 PM

Quant Time: May 07 05:16:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	208650	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	872109	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	389335	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	671309	40.00	ng	-0.01
75) Chrysene-d12	13.86	240	449923	40.00	ng	0.00
86) Perylene-d12	15.23	264	393584	40.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1042439	82.71	ng	-0.01
7) Phenol-d6	6.37	99	1210317	71.29	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1337572	78.81	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	287139	75.39	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1859220	78.28	ng	-0.01
78) Terphenyl-d14	12.81	244	1702846	76.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	242911	37.29	ng	# 73
3) Pyridine	2.96	79	565823	35.42	ng	# 69
4) n-Nitrosodimethylamine	2.88	42	428616	44.24	ng	# 51
6) Aniline	6.38	93	758872	36.22	ng	# 13
8) 2-Chlorophenol	6.50	128	588591	38.92	ng	91
9) Benzaldehyde	6.26	77	337620	39.86	ng	98
10) Phenol	6.38	94	742512	39.98	ng	# 50
11) bis(2-Chloroethyl)ether	6.45	93	554401	34.68	ng	87
12) 1,3-Dichlorobenzene	6.65	146	658544	41.01	ng	97
13) 1,4-Dichlorobenzene	6.73	146	659565	39.72	ng	98
14) 1,2-Dichlorobenzene	6.88	146	523820	36.23	ng	96
15) Benzyl Alcohol	6.88	79	453026	41.25	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1278879	39.13	ng	# 50
17) 2-Methylphenol	6.99	107	465818m	38.25	ng	
18) Hexachloroethane	7.22	117	261801	41.76	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	434328	37.44	ng	# 66
20) 3+4-Methylphenols	7.15	107	584512	40.99	ng	# 60
22) Acetophenone	7.14	105	867901	42.71	ng	# 96
24) Nitrobenzene	7.30	77	649594	37.02	ng	94
25) Isophorone	7.55	82	1238983	39.20	ng	99
26) 2-Nitrophenol	7.62	139	333508	42.60	ng	# 81
27) 2,4-Dimethylphenol	7.68	122	524989	38.19	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	658565	37.86	ng	98
29) 2,4-Dichlorophenol	7.87	162	476336	40.30	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	520184	39.45	ng	97
31) Naphthalene	8.02	128	1694554	38.03	ng	99
32) Benzoic acid	7.84	122	380526	66.93	ng	# 79
33) 4-Chloroaniline	8.08	127	606444	35.13	ng	# 89
34) Hexachlorobutadiene	8.13	225	287515	38.41	ng	97
35) Caprolactam	8.49	113	129255	35.33	ng	# 52
36) 4-Chloro-3-methylphenol	8.58	107	551723	40.92	ng	100
37) 2-Methylnaphthalene	8.70	142	950618	36.16	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	494475	43.88	ng	98
40) Hexachlorocyclopentadiene	8.85	237	254116	51.31	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	304891	42.55	ng	94
43) 2,4,5-Trichlorophenol	9.04	196	323037	43.15	ng #	86
45) 1,1'-Biphenyl	9.17	154	1263834	39.71	ng	96
46) 2-Chloronaphthalene	9.20	162	973503	39.63	ng	94
47) 2-Nitroaniline	9.30	65	337571	38.66	ng #	70
48) Acenaphthylene	9.61	152	1374238	37.69	ng	99
49) Dimethylphthalate	9.48	163	1177524	40.57	ng	98
50) 2,6-Dinitrotoluene	9.55	165	276074	44.32	ng #	80
51) Acenaphthene	9.78	154	882018	36.67	ng	99
52) 3-Nitroaniline	9.72	138	269368	38.04	ng	98
53) 2,4-Dinitrophenol	9.82	184	102463	52.49	ng	88
54) Dibenzofuran	9.95	168	1090946	36.59	ng	93
55) 4-Nitrophenol	9.89	139	149011	36.10	ng #	39
56) 2,4-Dinitrotoluene	9.95	165	312910	40.54	ng #	88
57) Fluorene	10.29	166	970254	40.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	240101	43.67	ng	98
59) Diethylphthalate	10.18	149	1031351	37.54	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	432818	37.68	ng	94
61) 4-Nitroaniline	10.34	138	259765	38.18	ng #	77
62) Azobenzene	10.44	77	1141178	37.49	ng	83
64) 4,6-Dinitro-2-methylphenol	10.35	198	166020	48.68	ng #	24
65) n-Nitrosodiphenylamine	10.41	169	802092	37.63	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	270535	40.55	ng	97
67) Hexachlorobenzene	10.83	284	318108	39.10	ng #	58
68) Atrazine	10.94	200	240366	36.80	ng	96
69) Pentachlorophenol	11.04	266	184574	49.17	ng	96
70) Phenanthrene	11.25	178	1473234	40.86	ng	99
71) Anthracene	11.30	178	1339890	35.49	ng	99
72) Carbazole	11.46	167	1182228	36.05	ng	98
73) Di-n-butylphthalate	11.79	149	1533192	39.39	ng #	97
74) Fluoranthene	12.43	202	1397104	38.66	ng	96
76) Benzidine	12.57	184	445396	37.89	ng	96
77) Pyrene	12.66	202	1463025	40.79	ng	99
79) Butylbenzylphthalate	13.29	149	679972	45.26	ng	92
80) Benzo(a)anthracene	13.84	228	995103	39.11	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	690315	43.17	ng	98
82) Chrysene	13.88	228	1129887	41.62	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	842244	48.44	ng #	99
84) Di-n-octyl phthalate	14.45	149	1380742	53.97	ng #	82
85) Indeno(1,2,3-cd)pyrene	16.53	276	932472	40.04	ng	96
87) Benzo(b)fluoranthene	14.85	252	1091456m	46.15	ng	
88) Benzo(k)fluoranthene	14.88	252	783553m	35.16	ng	
89) Benzo(a)pyrene	15.17	252	845139	38.80	ng #	97
90) Dibenzo(a,h)anthracene	16.55	278	773175	36.95	ng	97
91) Benzo(g,h,i)perylene	16.92	276	756000	34.41	ng #	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

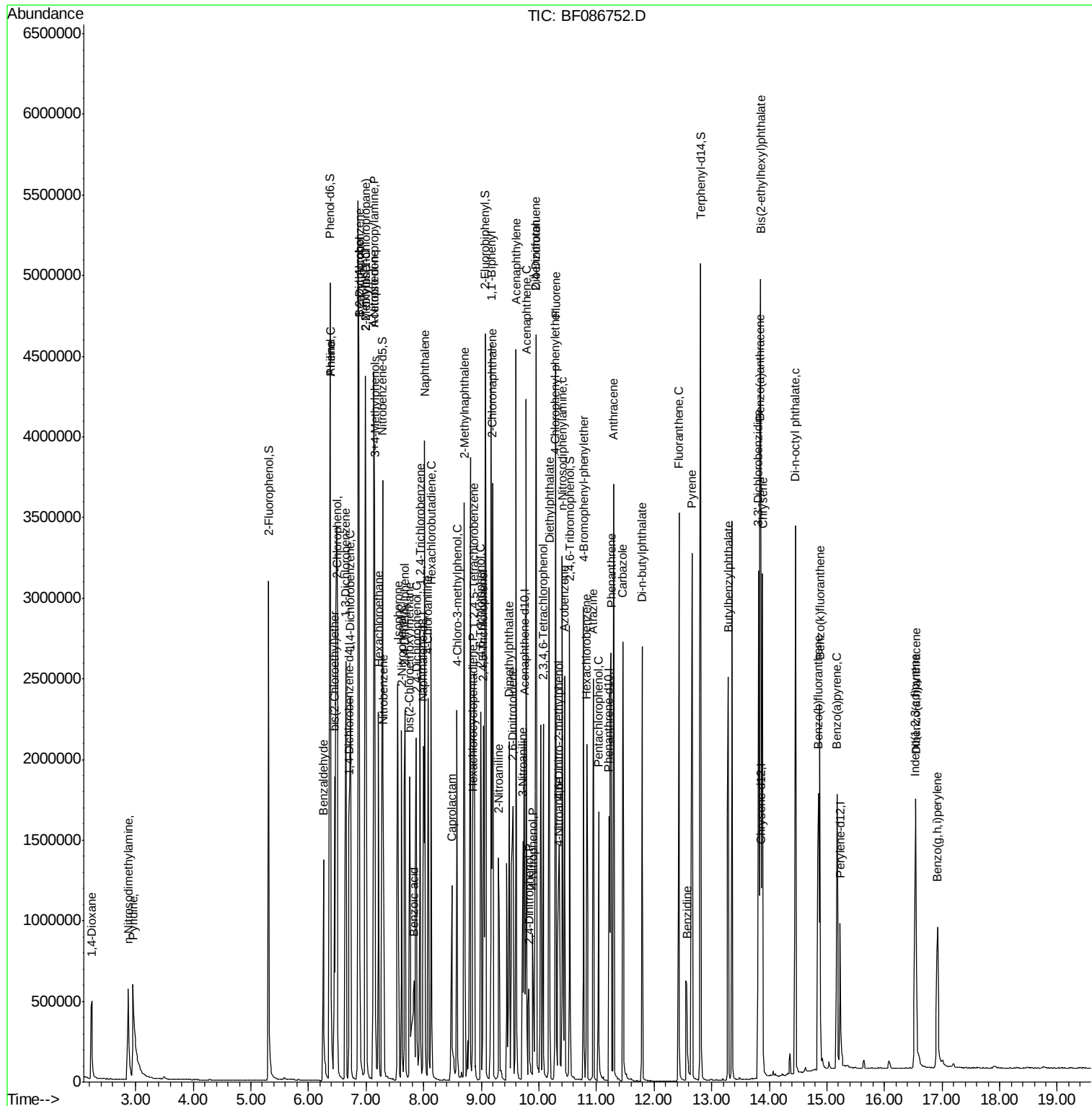
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\  
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Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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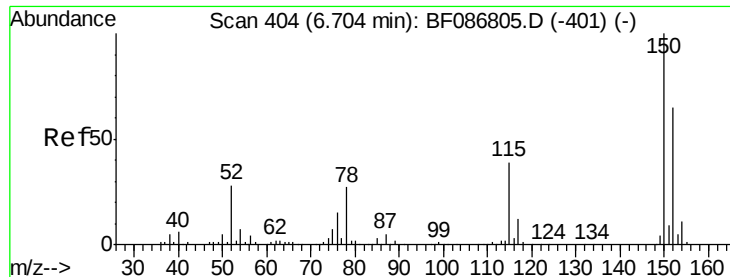
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

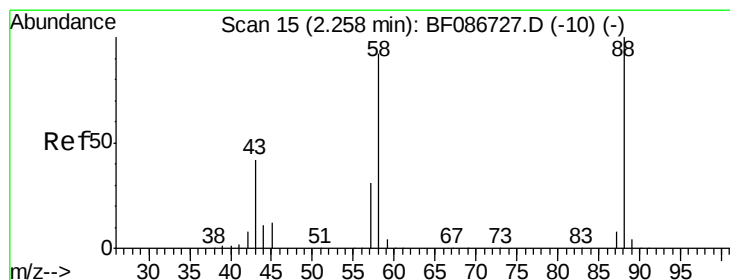
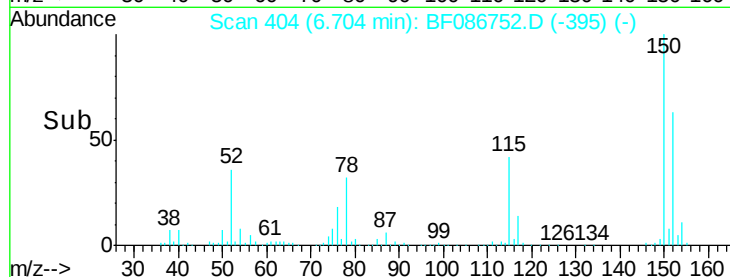
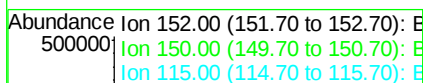
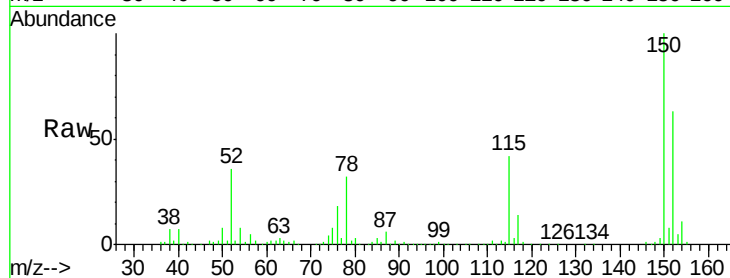
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	208650
Ion Ratio	Lower	Upper	
152	100		
150	157.8	125.8	188.6
115	67.0	51.5	77.3

Manual Integrations
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#2

1,4-Dioxane

Concen: 37.29 ng

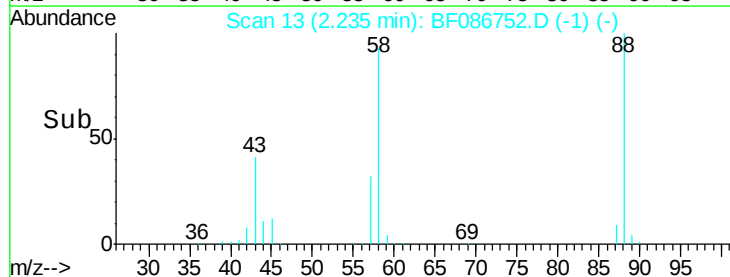
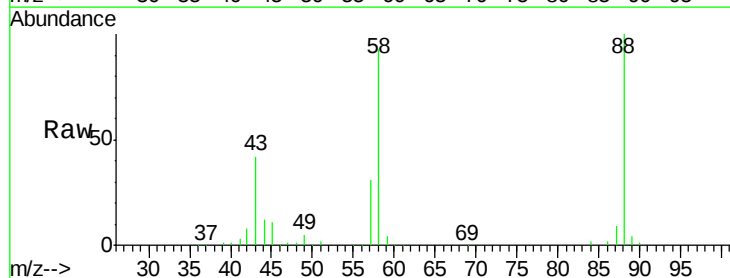
RT: 2.24 min Scan# 13

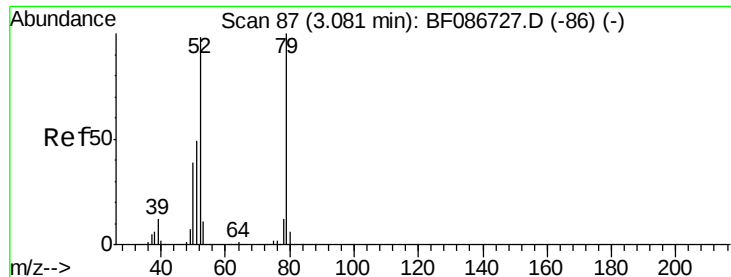
Delta R.T. -0.02 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Tgt Ion:	88	Resp:	242911
Ion Ratio	Lower	Upper	
88	100		
58	96.5	59.6	89.4#
43	43.5	21.8	32.6#





#3

Pyridine

Concen: 35.42 ng

RT: 2.96 min Scan# 76

Delta R.T. -0.13 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

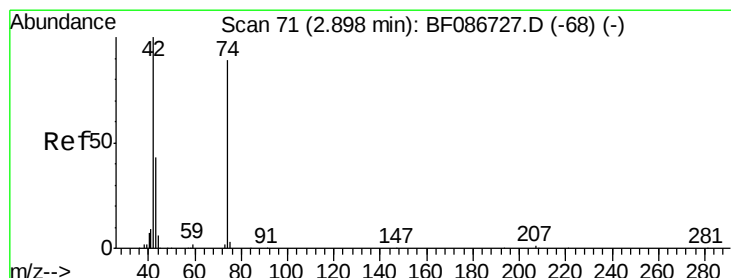
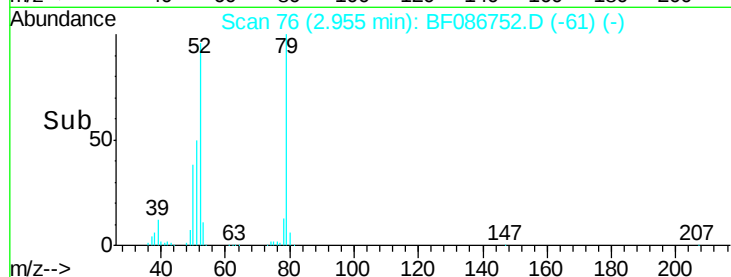
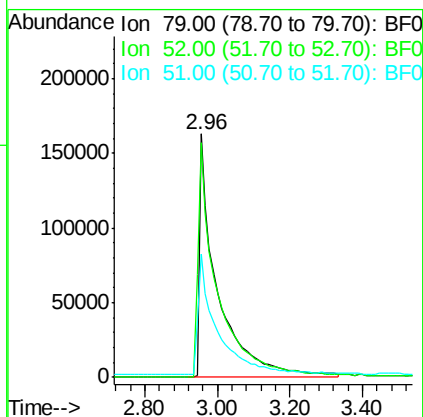
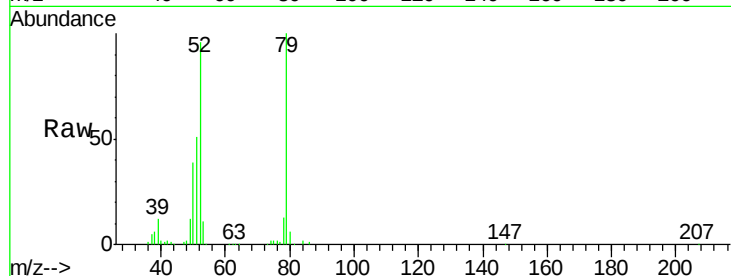
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	565823
Ion Ratio	Lower	Upper	
79	100		
52	96.5	55.9	83.9#
51	50.8	28.1	42.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.24 ng

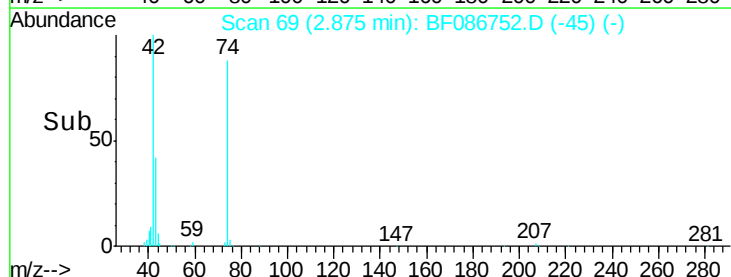
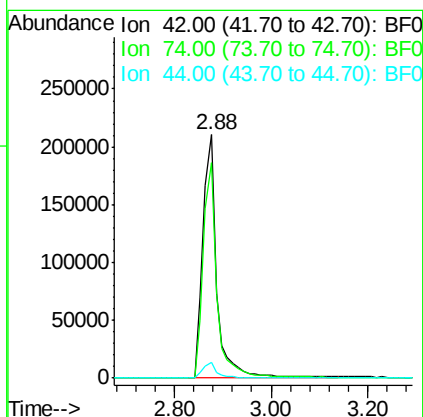
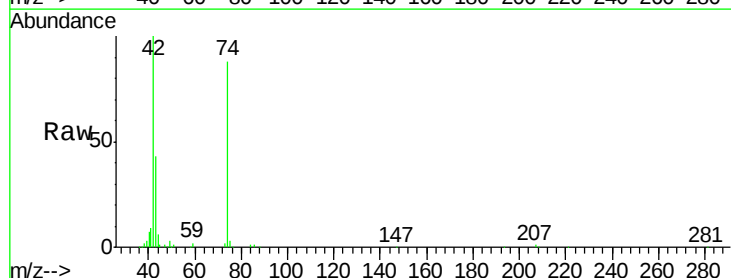
RT: 2.88 min Scan# 69

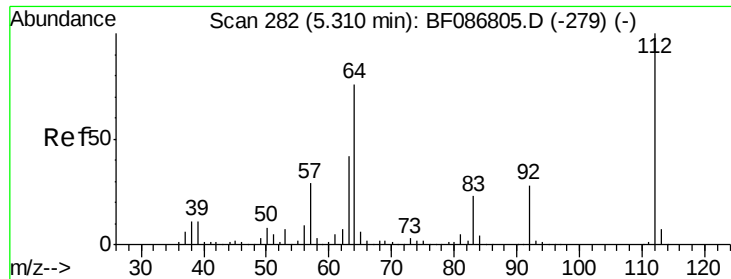
Delta R.T. -0.02 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Tgt Ion:	42	Resp:	428616
Ion Ratio	Lower	Upper	
42	100		
74	88.4	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 82.71 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1042439

Ion Ratio Lower Upper

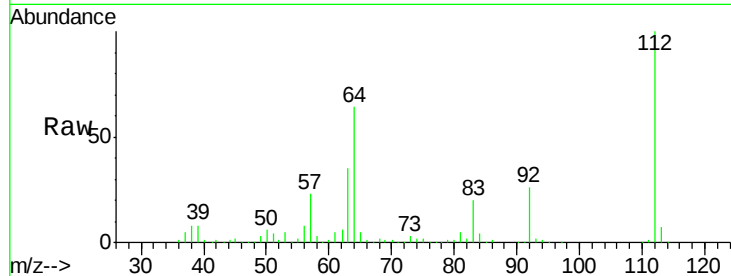
112 100

64 64.0 52.1 78.1

63 34.9 25.7 38.5

Manual Integrations
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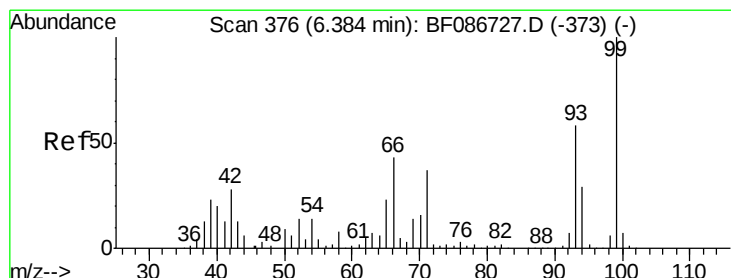
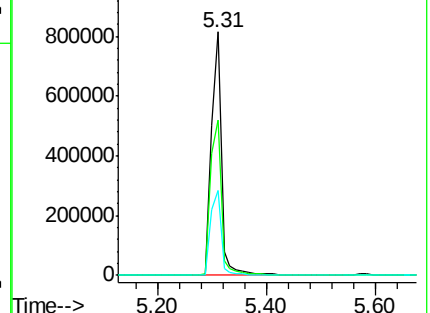
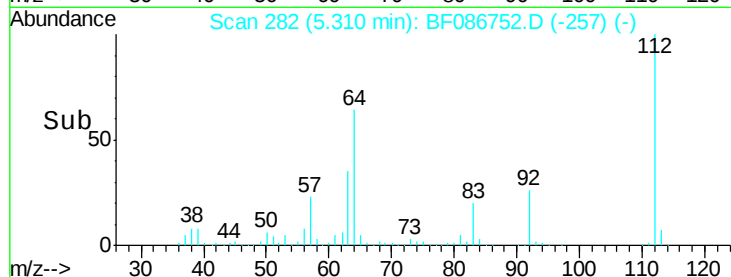
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.22 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

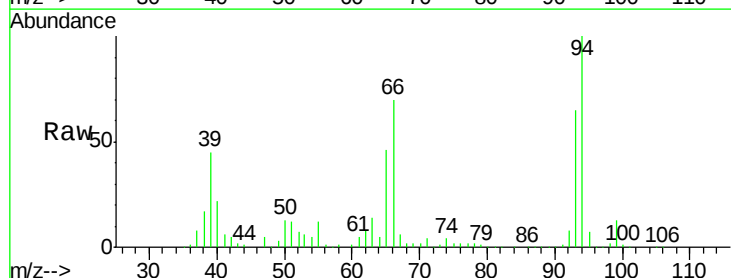
Tgt Ion: 93 Resp: 758872

Ion Ratio Lower Upper

93 100

66 107.2 39.0 58.6#

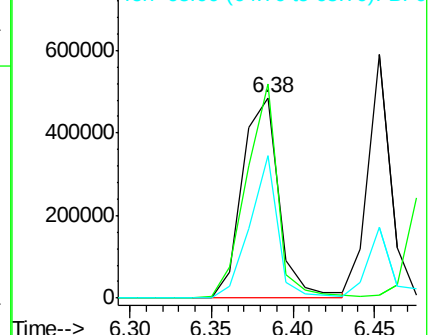
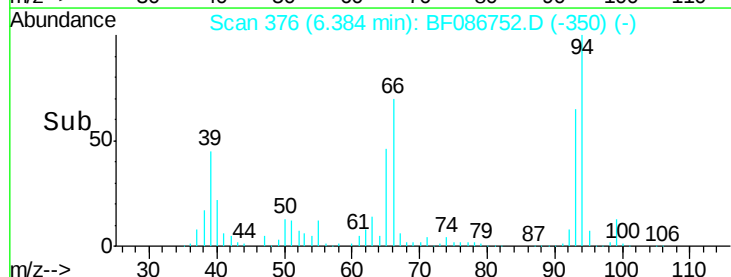
65 71.3 20.6 31.0#

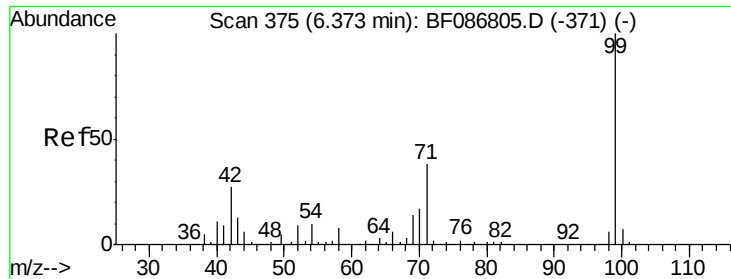


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.29 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1210317

Ion Ratio Lower Upper

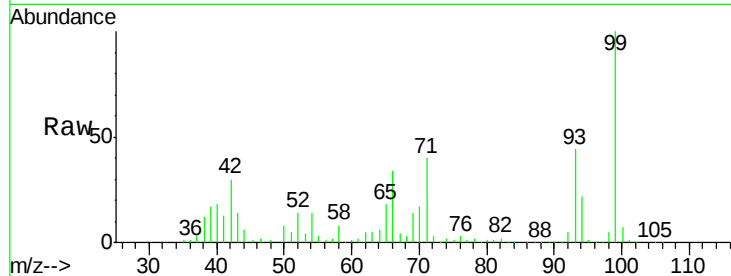
99 100

42 30.1 13.6 20.4#

71 39.6 24.6 36.8#

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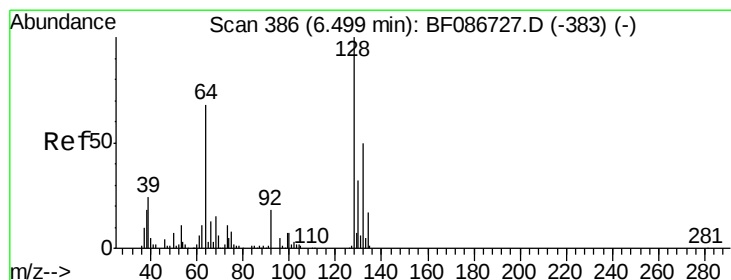
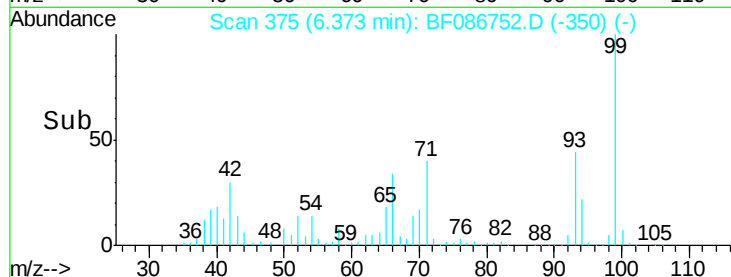
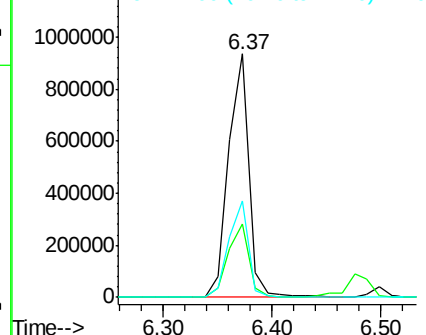
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.92 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

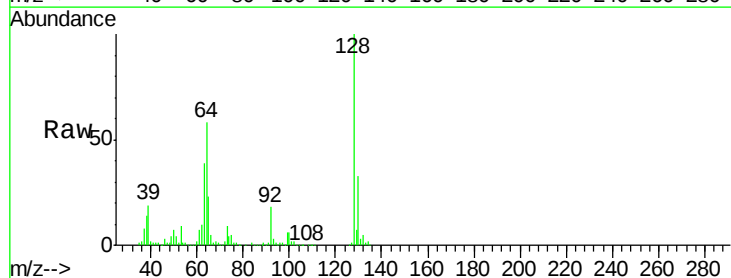
Tgt Ion: 128 Resp: 588591

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

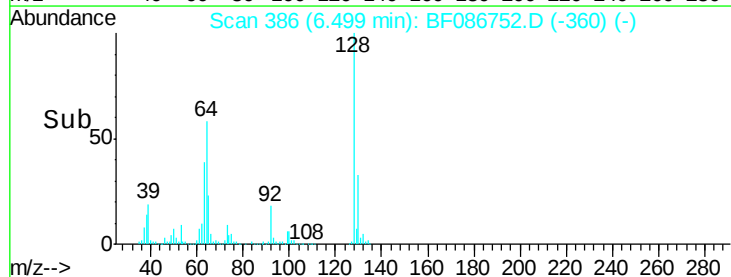
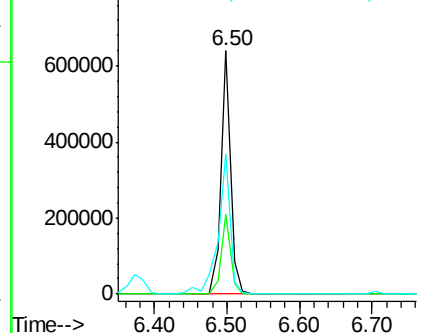
64 57.6 27.3 67.3

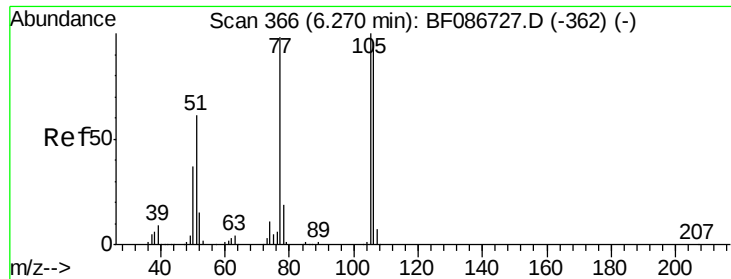


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.86 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

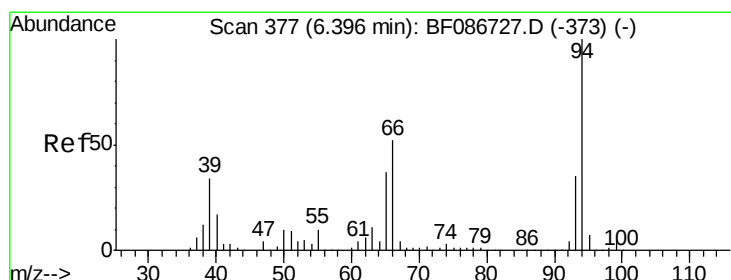
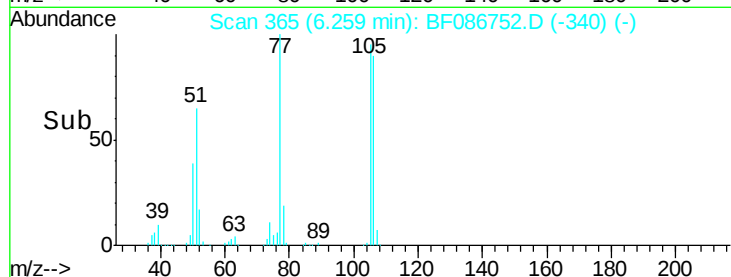
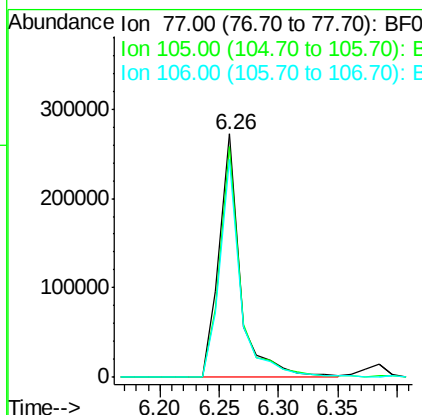
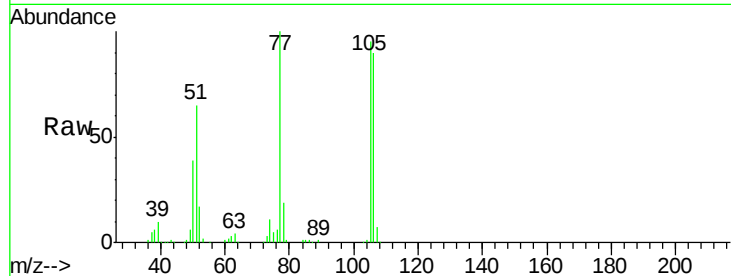
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	337620
Ion	Ratio	Lower	Upper
77	100		
105	94.9	72.7	112.7
106	89.8	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 39.98 ng

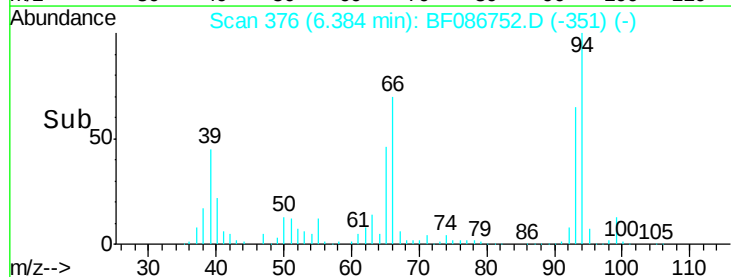
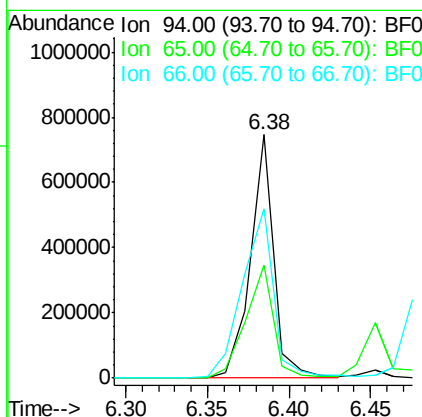
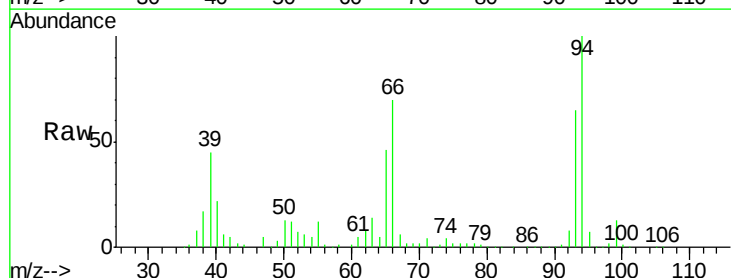
RT: 6.38 min Scan# 376

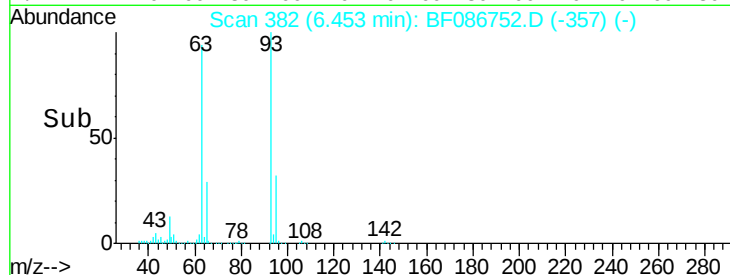
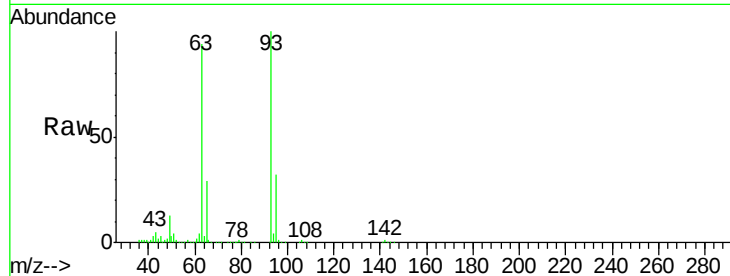
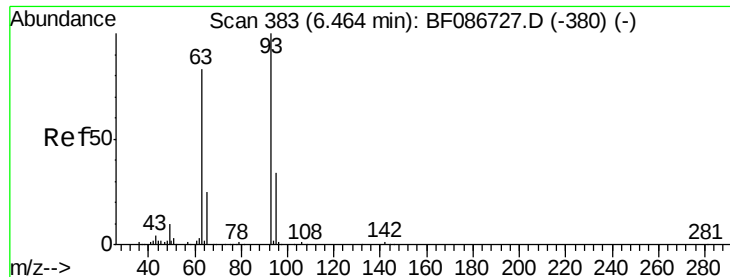
Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Tgt Ion:	94	Resp:	742512
Ion	Ratio	Lower	Upper
94	100		
65	46.3	7.2	47.2
66	69.6	14.9	54.9





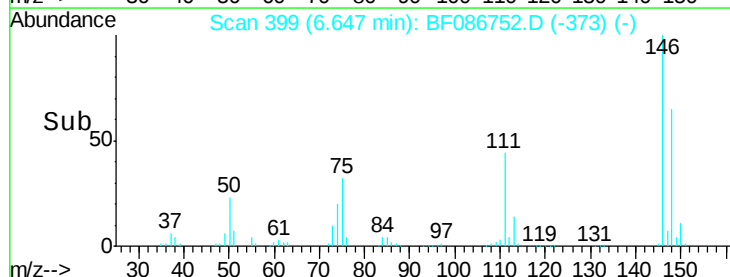
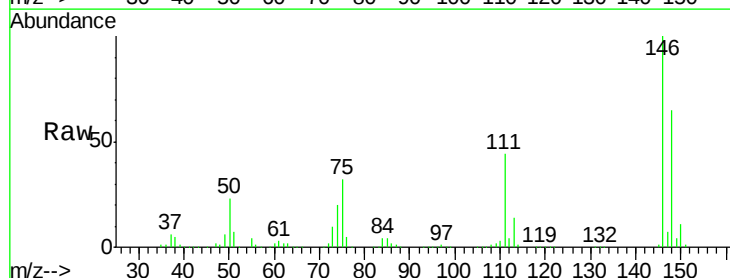
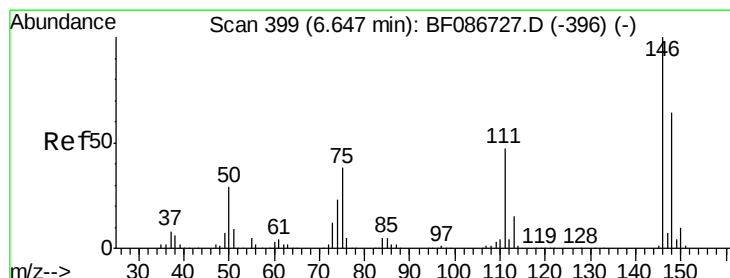
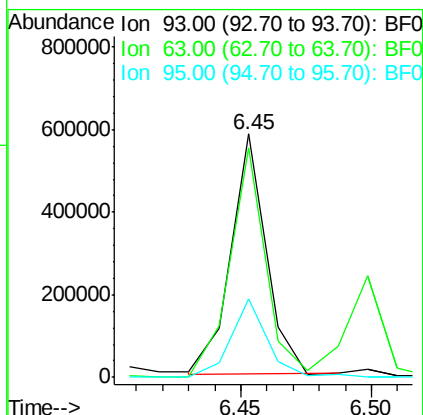
#11
bis(2-Chloroethyl)ether
Concen: 34.68 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:	93	Resp:	554401
Ion	Ratio	Lower	Upper
93	100		
63	94.1	58.0	98.0
95	32.3	11.9	51.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

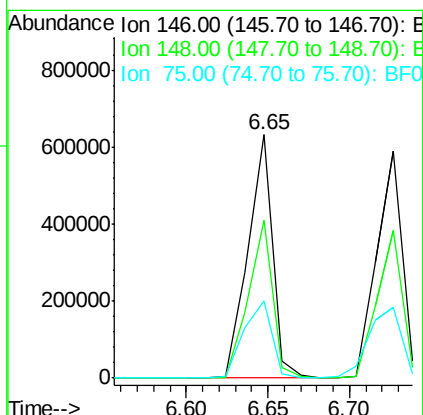
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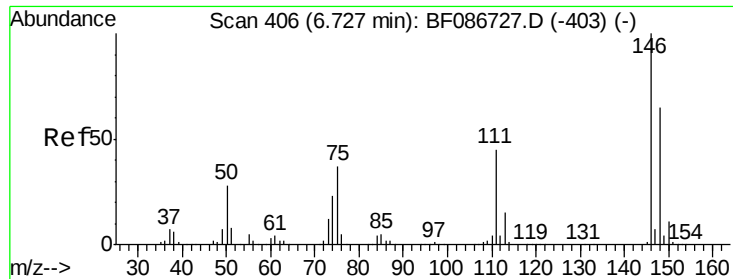
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#12
1,3-Dichlorobenzene
Concen: 41.01 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:	146	Resp:	658544
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.4	78.6
75	32.0	22.8	34.2





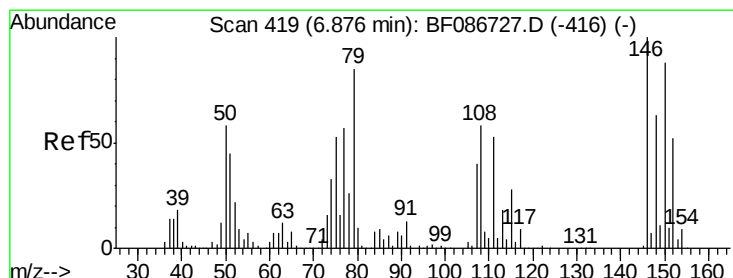
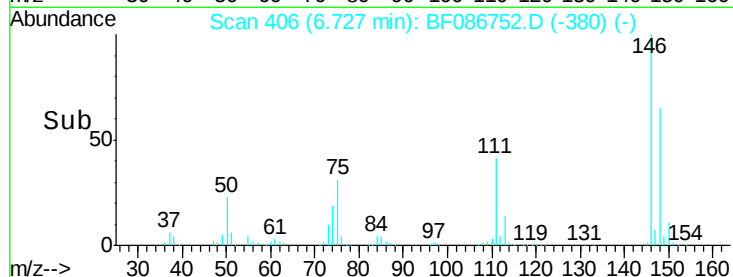
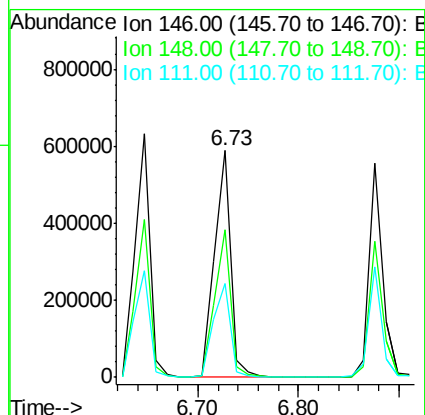
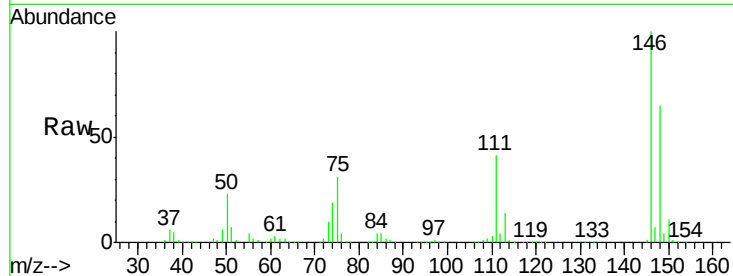
#13
 1,4-Dichlorobenzene
 Concen: 39.72 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	659565		
148	65.0	52.2	78.4	
111	41.5	30.7	46.1	

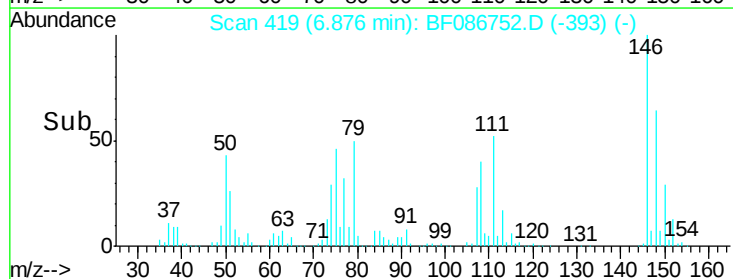
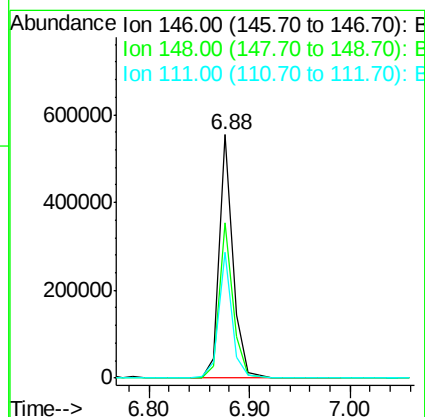
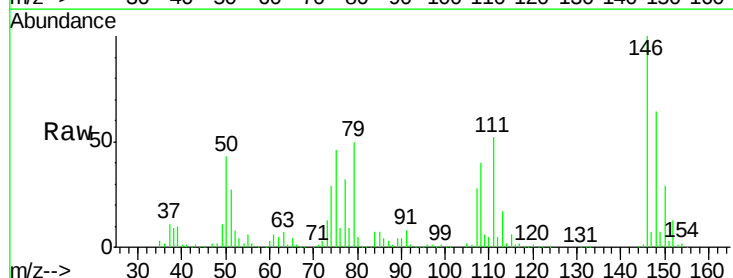
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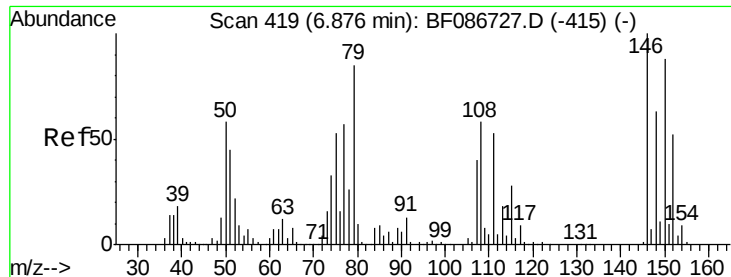
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#14
 1,2-Dichlorobenzene
 Concen: 36.23 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	523820		
148	63.7	51.0	76.6	
111	51.8	36.2	54.4	





#15

Benzyl Alcohol

Concen: 41.25 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 453026

Ion Ratio Lower Upper

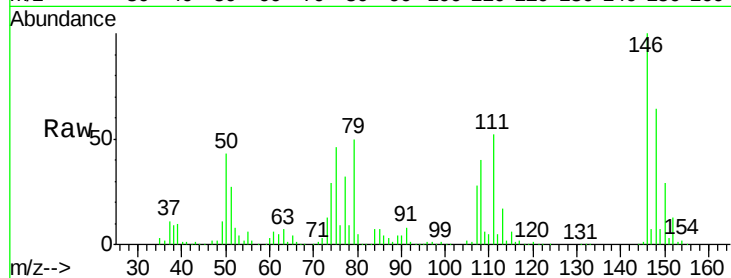
79 100

108 79.8 68.4 102.6

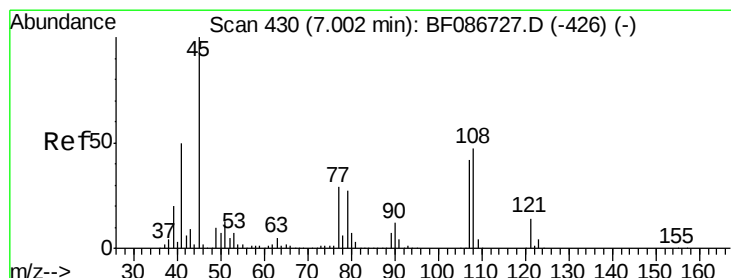
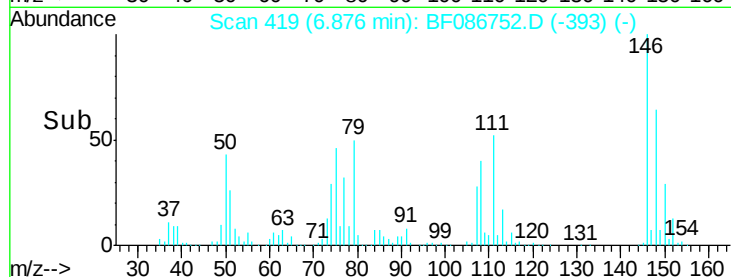
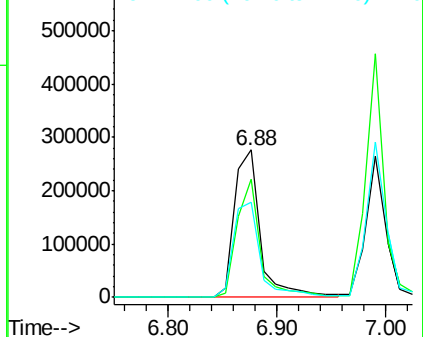
77 64.4 50.6 76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.13 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

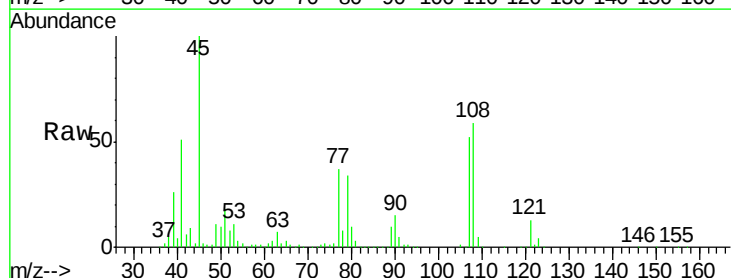
Tgt Ion: 45 Resp: 1278879

Ion Ratio Lower Upper

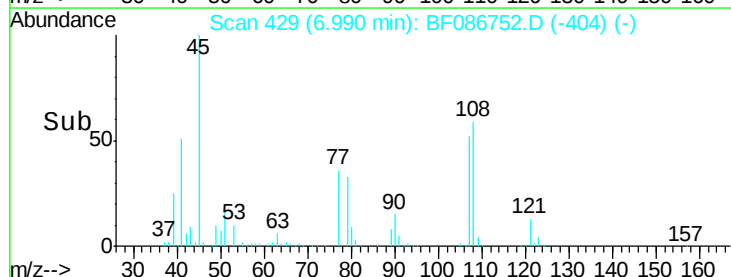
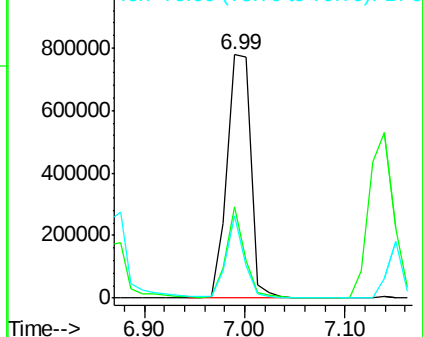
45 100

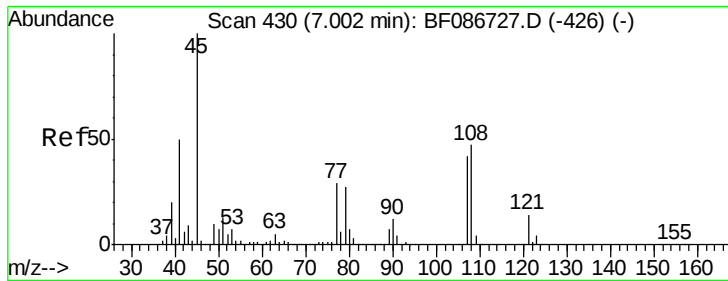
77 37.4 0.0 36.4#

79 34.0 0.0 33.4#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.25 ng m

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086752.D

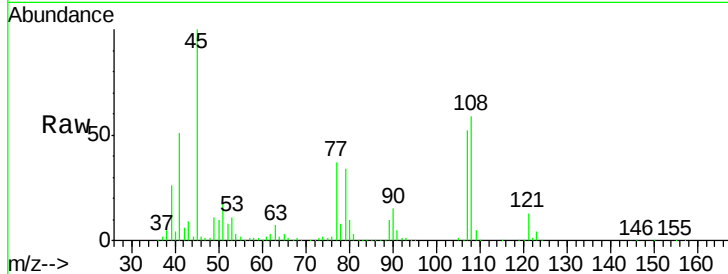
Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 465818

Ion Ratio Lower Upper

107 100

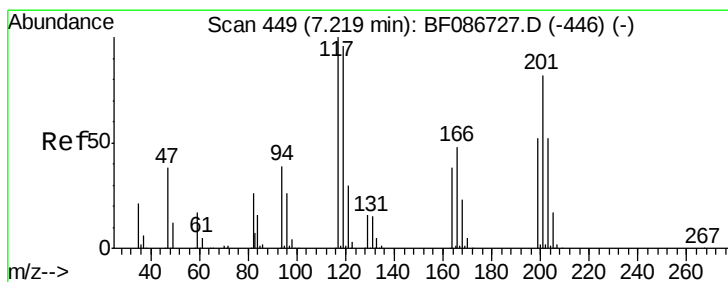
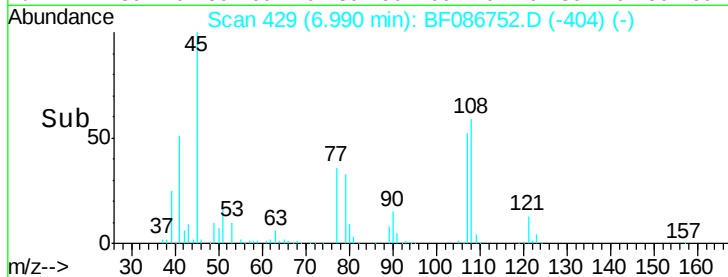
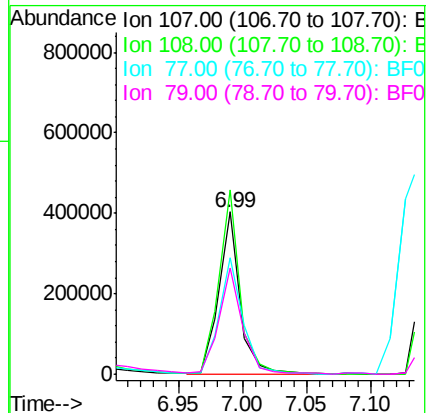
108 113.2 93.7 140.5

77 72.1 33.4 50.0#

79 65.6 34.3 51.5#

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#18

Hexachloroethane

Concen: 41.76 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

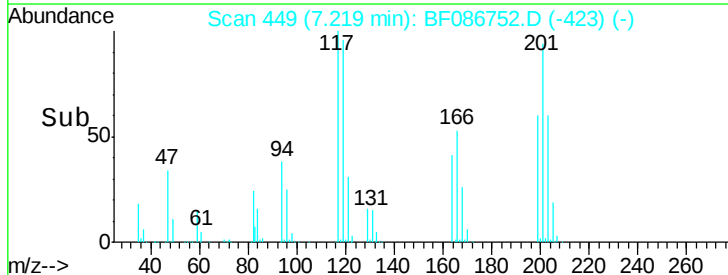
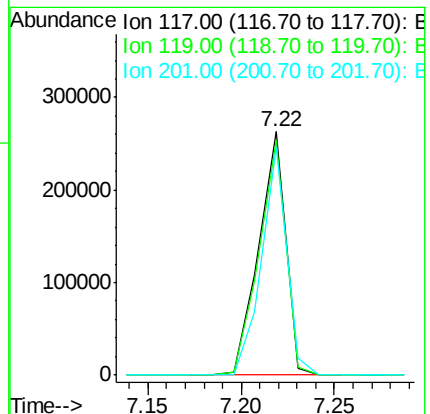
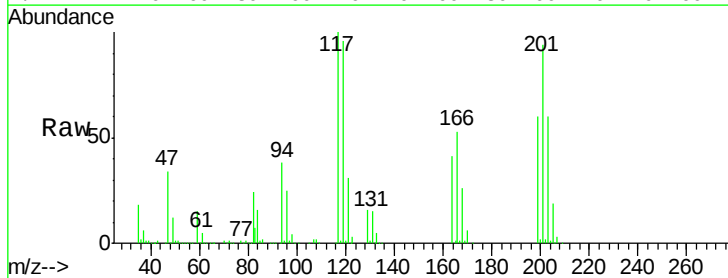
Tgt Ion:117 Resp: 261801

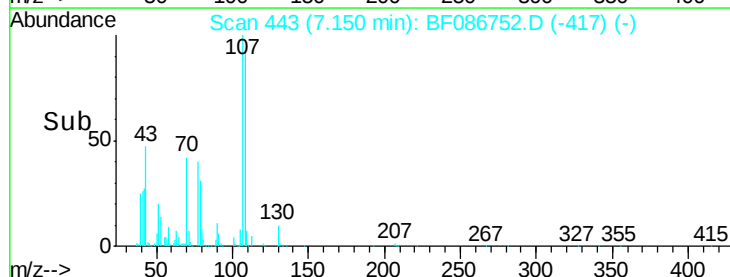
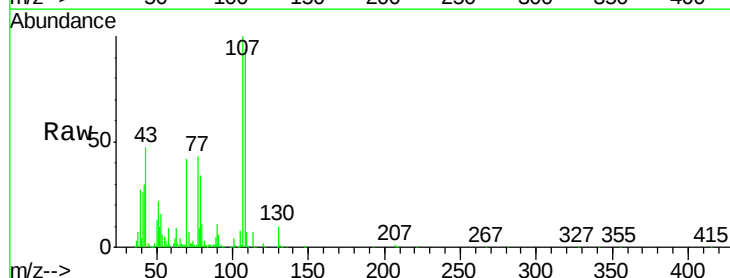
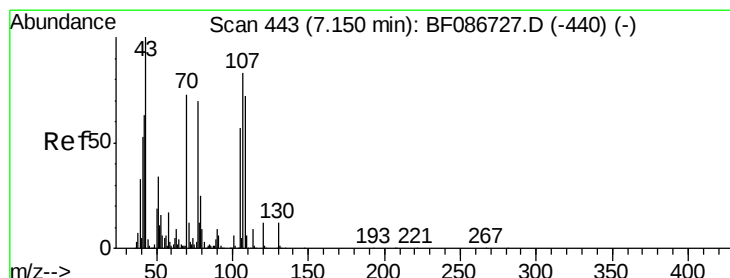
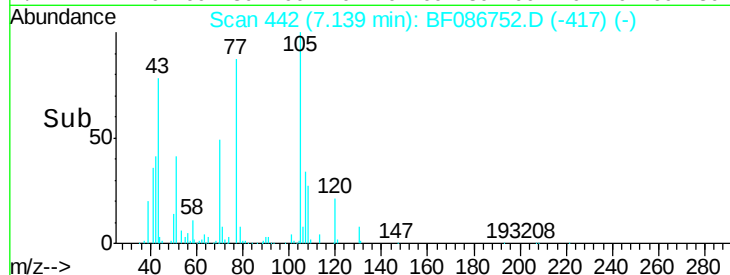
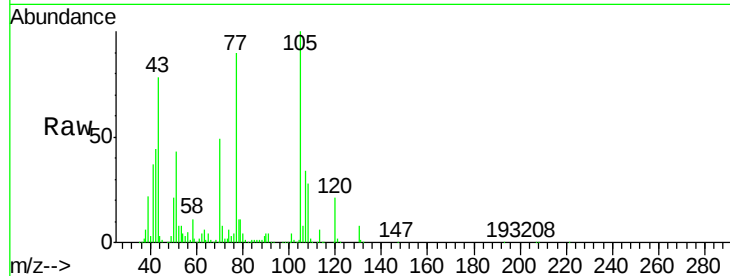
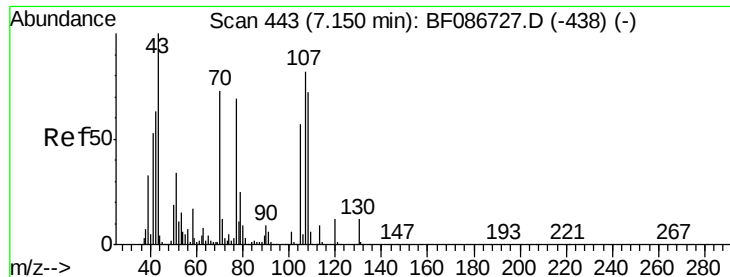
Ion Ratio Lower Upper

117 100

119 96.4 76.5 114.7

201 93.7 63.0 94.6

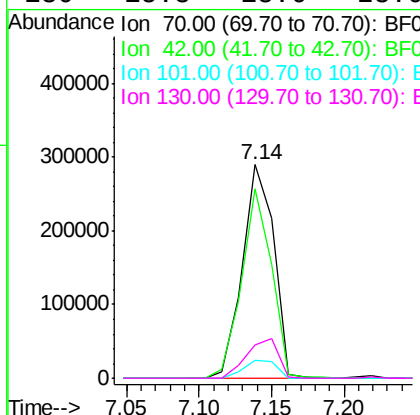




#19
n-Nitroso-di-n-propylamine
Concen: 37.44 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	88.4	43.1	64.7#
101	8.2	8.1	12.1
130	15.8	18.6	28.0#

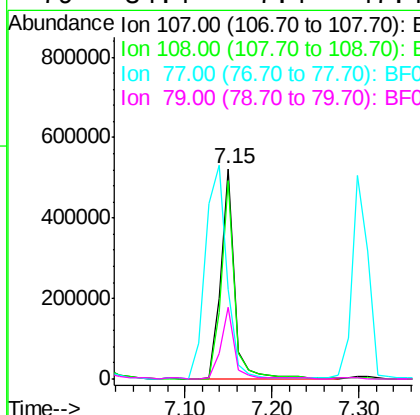


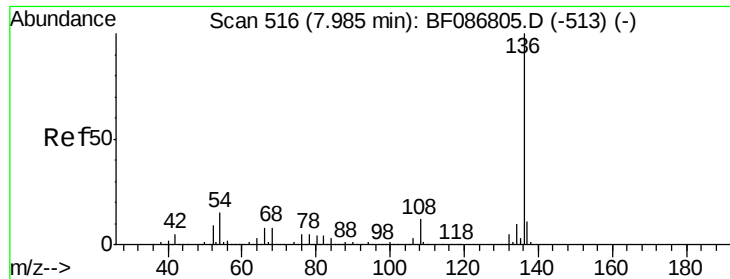
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#20
3+4-Methylphenols
Concen: 40.99 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	94.3	68.5	108.5
77	42.6	101.6	141.6#
79	34.4	7.4	47.4





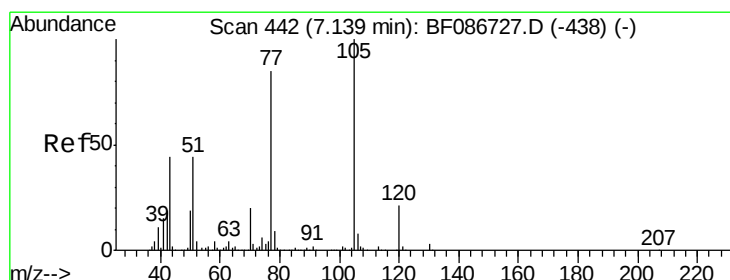
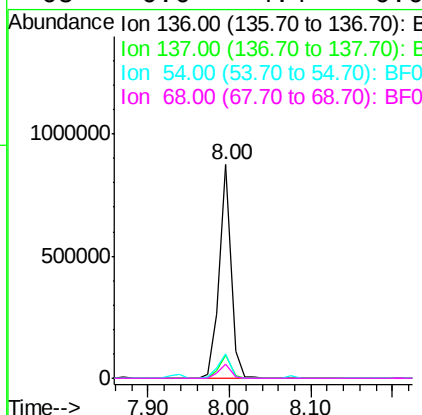
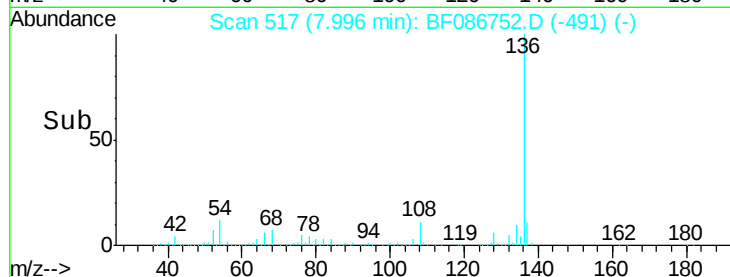
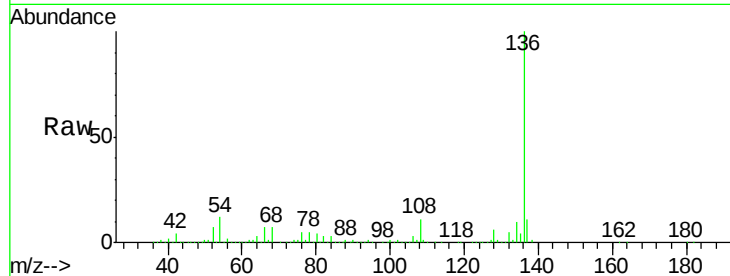
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	872109		
137	11.0	8.8	13.2	
54	11.7	5.0	7.4#	
68	6.6	4.4	6.6#	

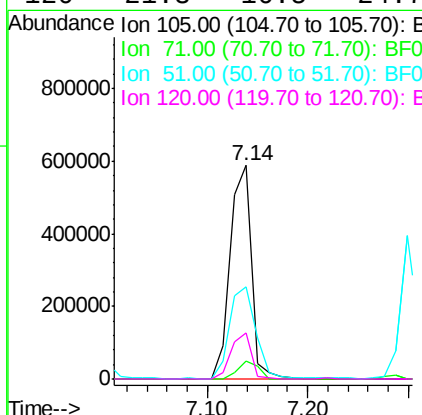
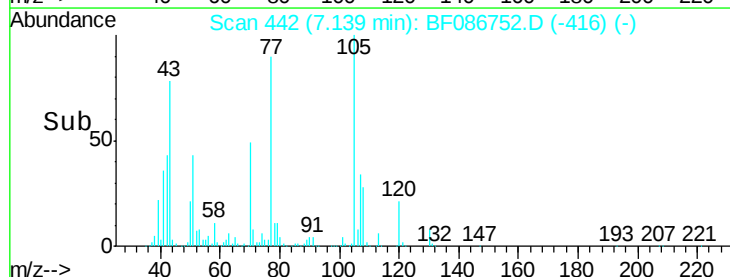
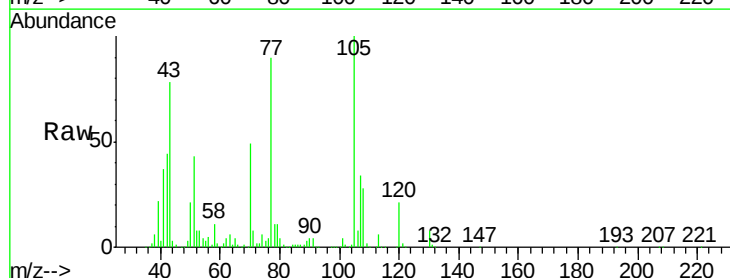
Manual Integrations
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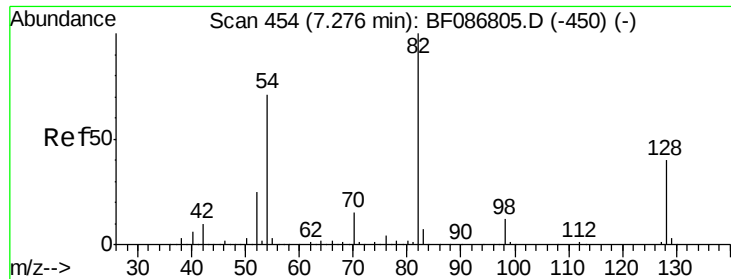
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#22
Acetophenone
Concen: 42.71 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	867901		
71	8.4	4.8	7.2#	
51	43.3	32.6	49.0	
120	21.3	16.5	24.7	





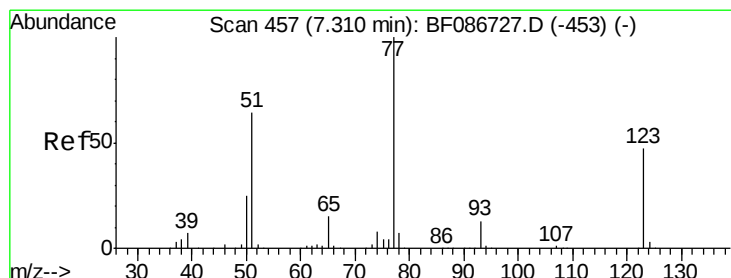
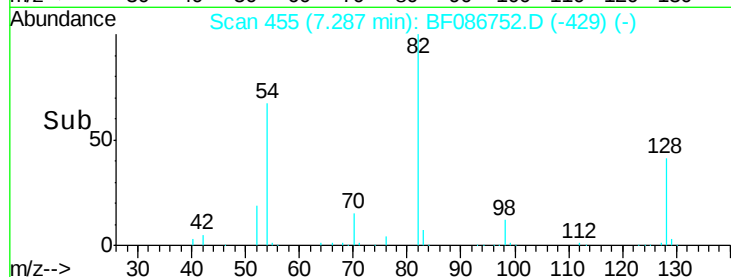
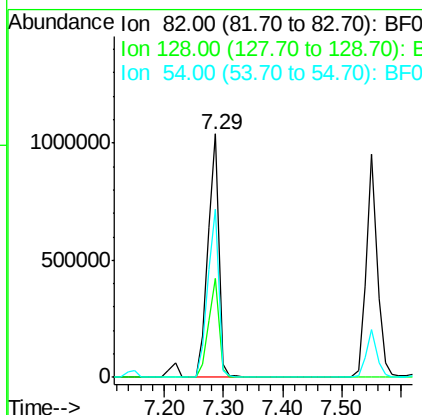
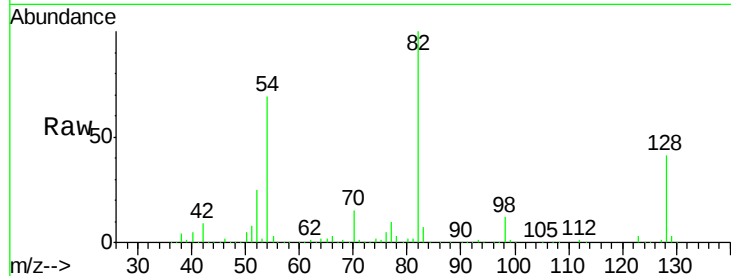
#23
Nitrobenzene-d5
Concen: 78.81 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	40.6	61.0
54	69.1	38.1	57.1#

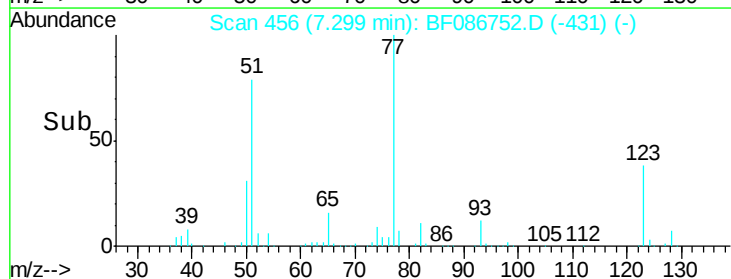
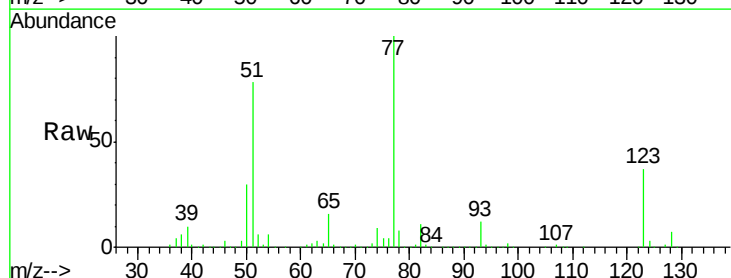
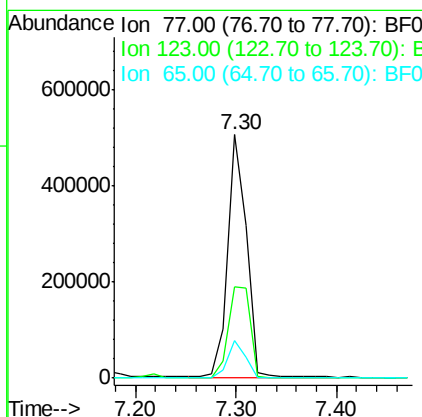
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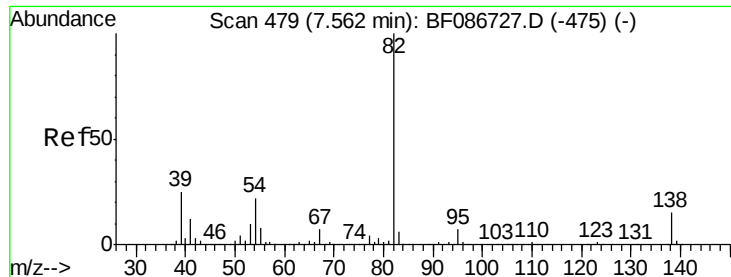
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#24
Nitrobenzene
Concen: 37.02 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	33.0	49.4
65	15.6	10.8	16.2





#25

Isophorone

Concen: 39.20 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1238983

Ion Ratio Lower Upper

82 100

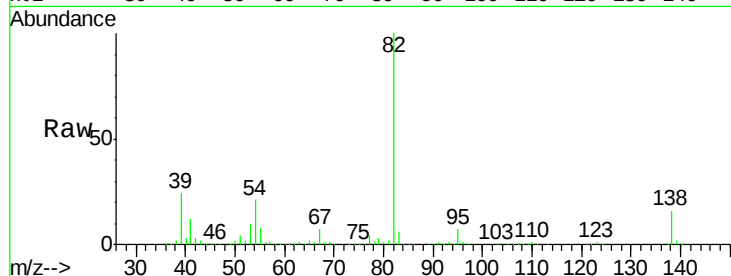
95 7.2 5.1 7.7

138 15.8 12.4 18.6

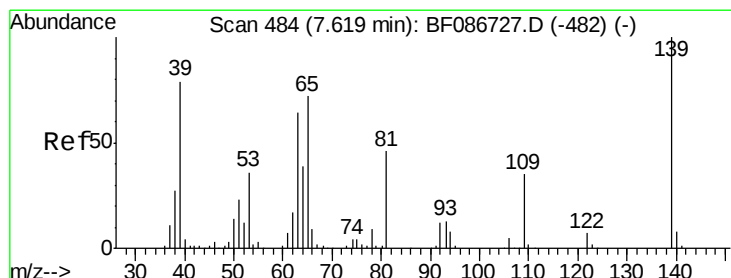
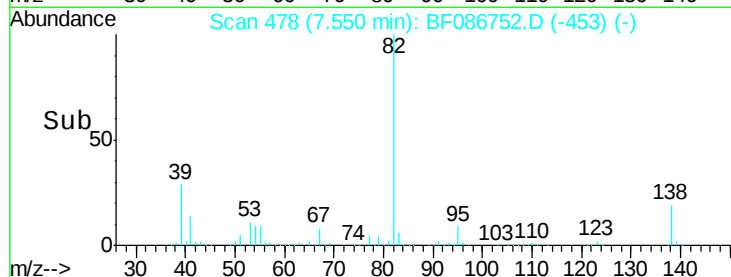
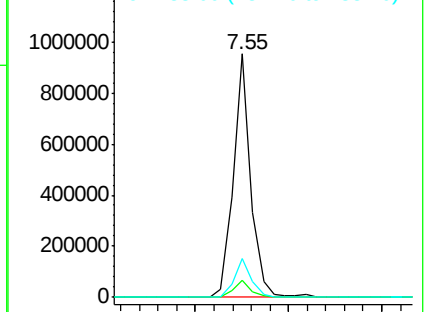
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.60 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

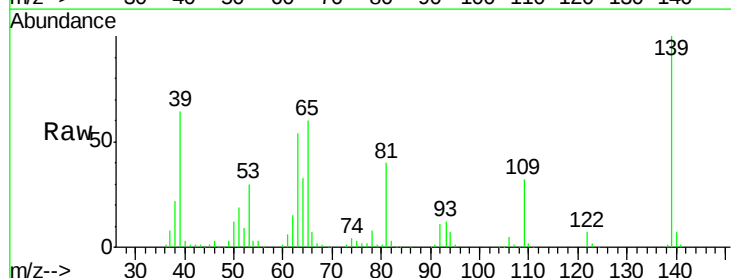
Tgt Ion: 139 Resp: 333508

Ion Ratio Lower Upper

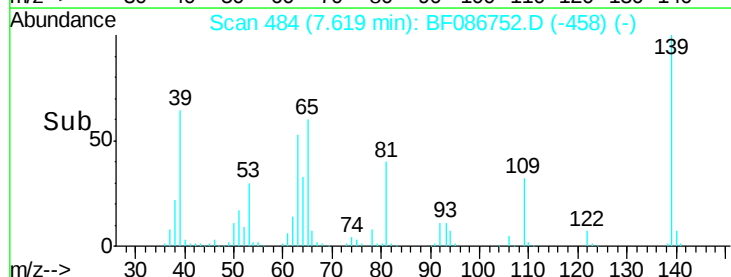
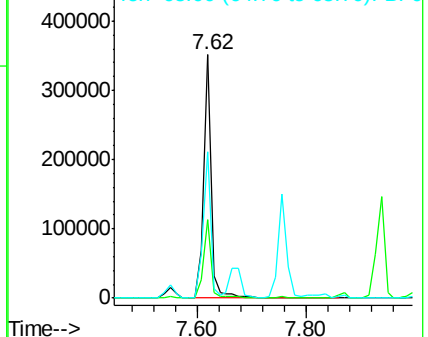
139 100

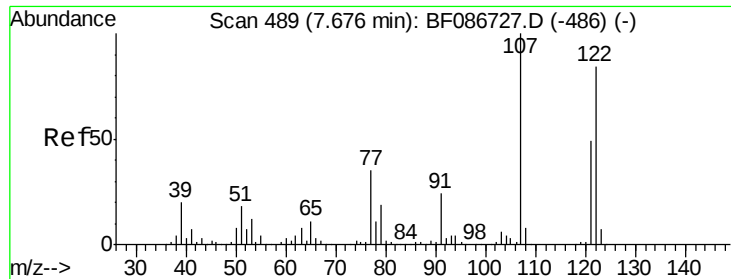
109 32.2 19.5 29.3#

65 60.3 37.5 56.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.19 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

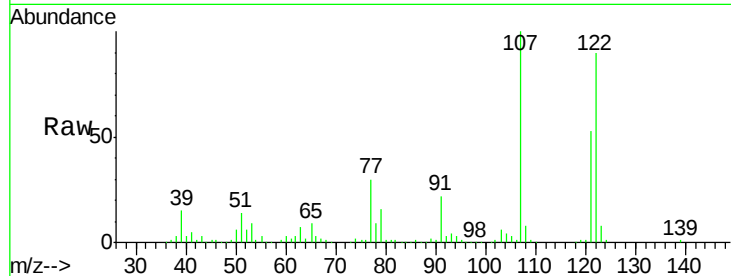
ClientSampleId :

SSTDCCC040

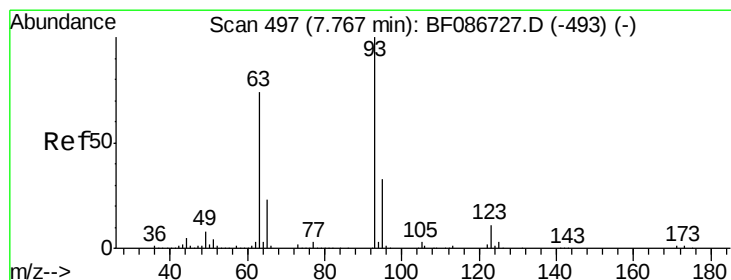
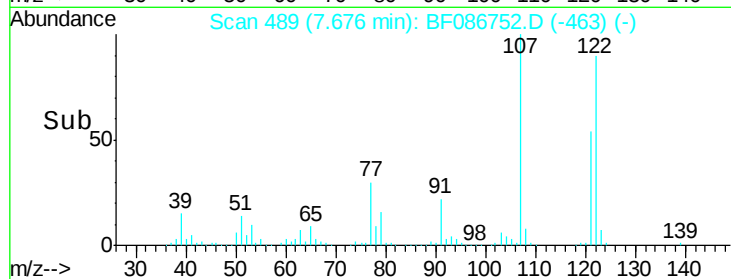
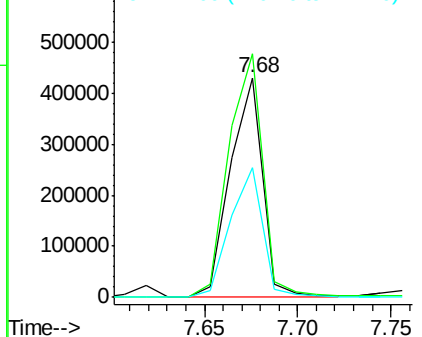
Tgt Ion:	122	Resp:	524989
Ion Ratio	Lower	Upper	
122	100		
107	110.9	82.0	123.0
121	59.2	46.1	69.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.86 ng

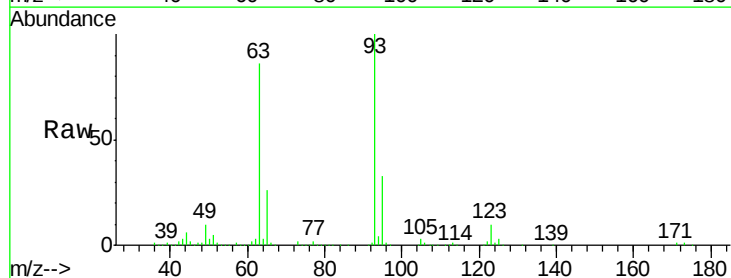
RT: 7.76 min Scan# 496

Delta R.T. -0.01 min

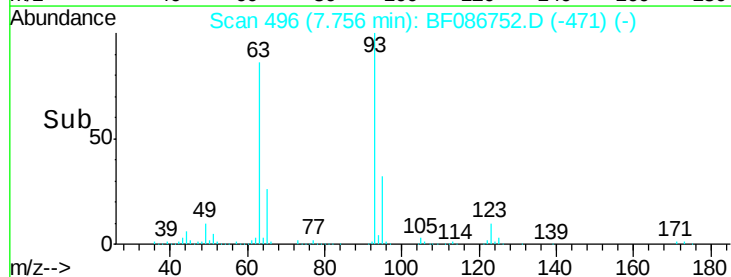
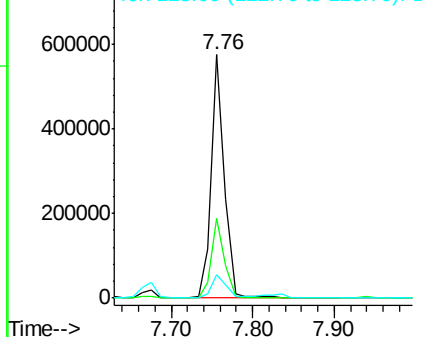
Lab File: BF086752.D

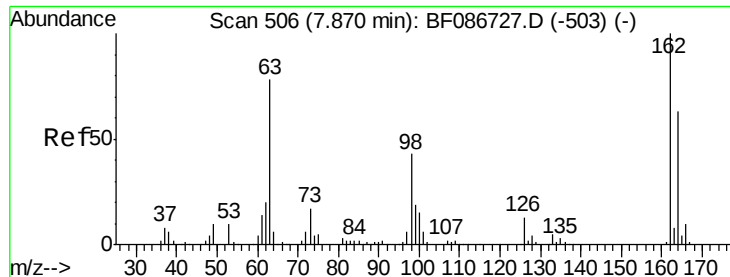
Acq: 7 May 2016 4:42

Tgt Ion:	93	Resp:	658565
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.0	39.0
123	9.7	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





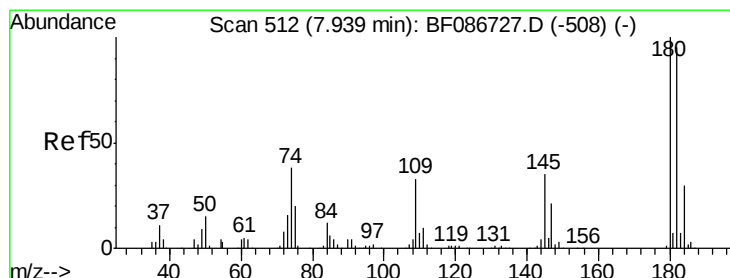
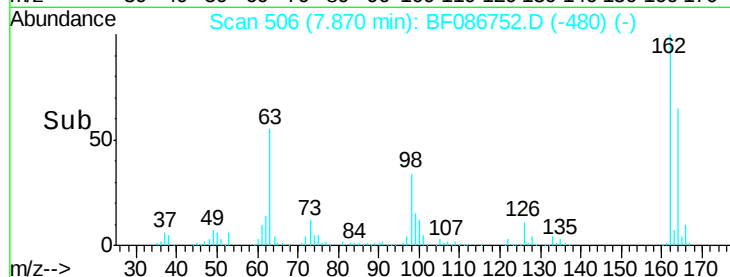
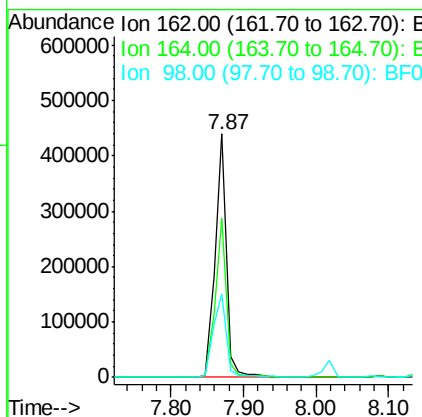
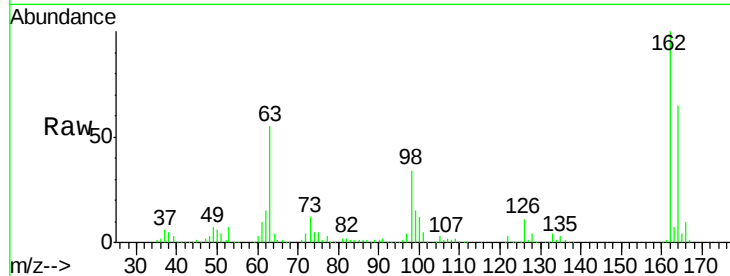
#29
2,4-Dichlorophenol
Concen: 40.30 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	476336		
164	65.3	42.2	82.2	
98	34.4	19.0	59.0	

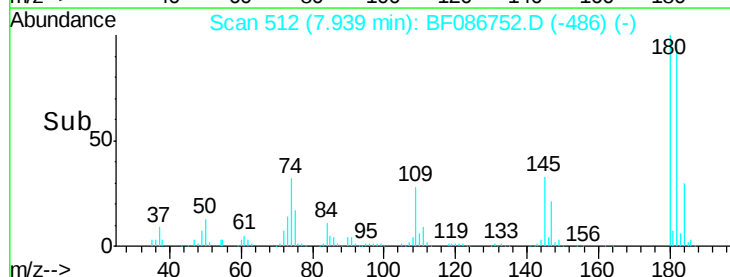
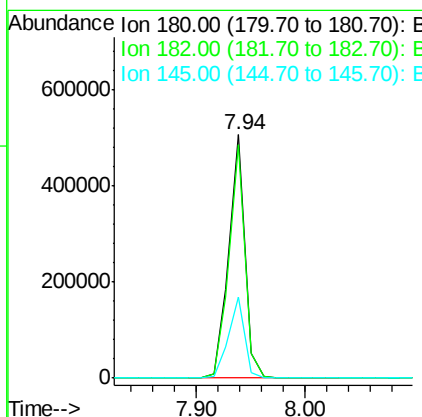
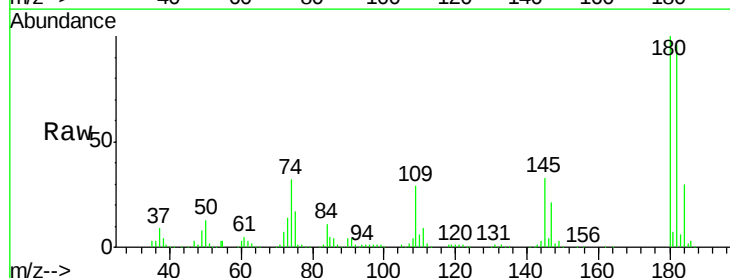
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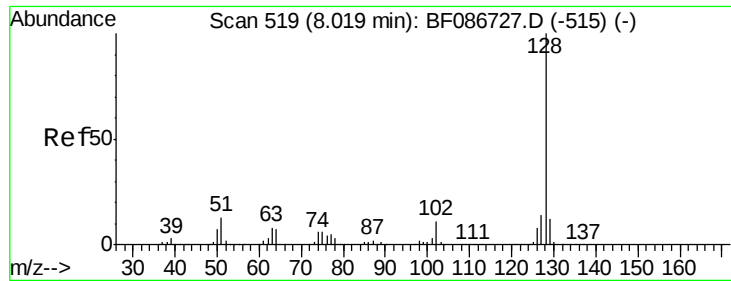
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#30
1,2,4-Trichlorobenzene
Concen: 39.45 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	520184		
182	95.6	78.0	117.0	
145	33.1	24.2	36.2	





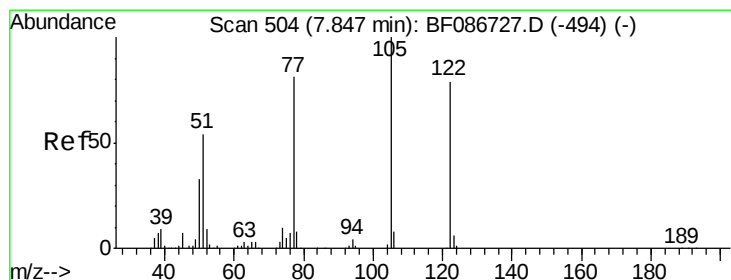
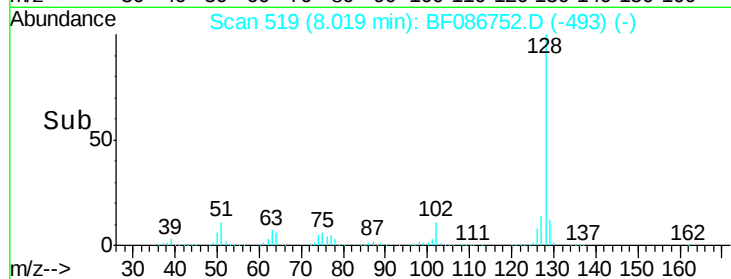
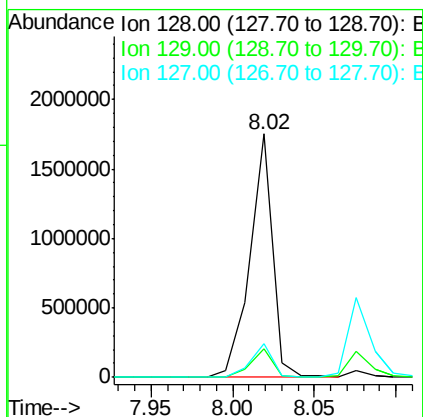
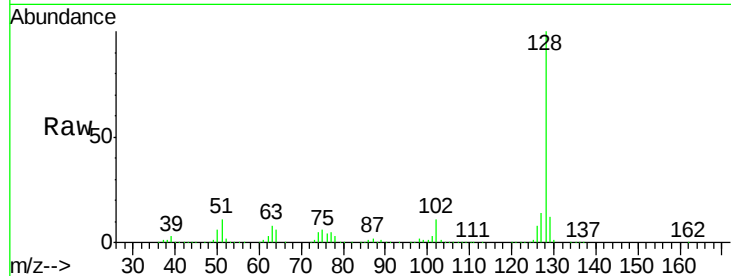
#31
Naphthalene
Concen: 38.03 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1694554
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.9 10.8 16.2

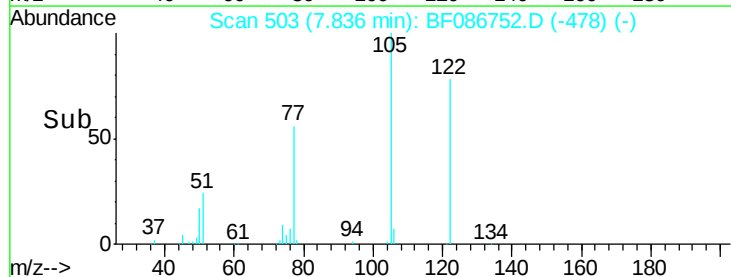
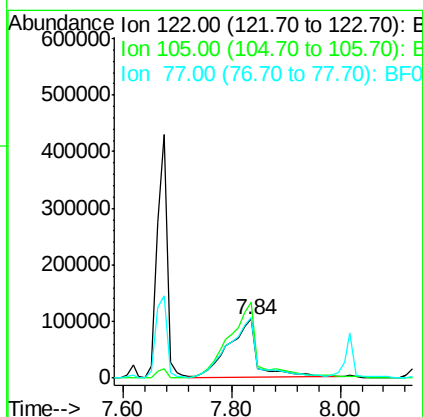
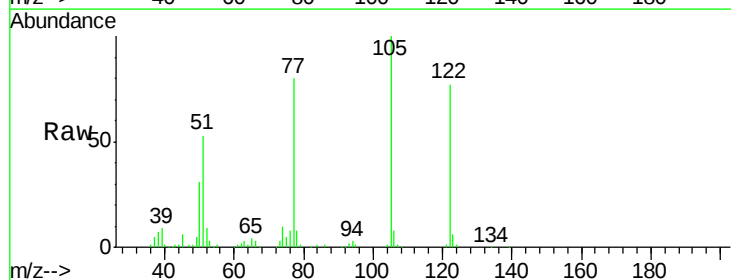
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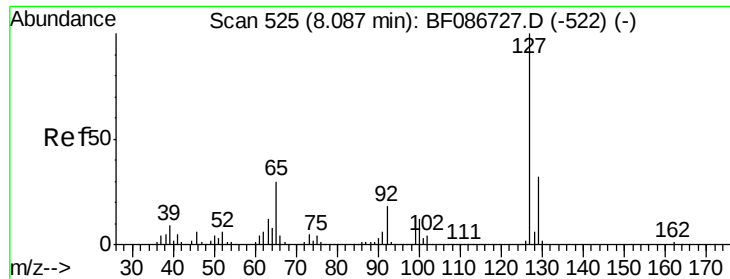
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#32
Benzoic acid
Concen: 66.93 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:122 Resp: 380526
Ion Ratio Lower Upper
122 100
105 129.8 92.6 132.6
77 104.2 60.0 100.0#





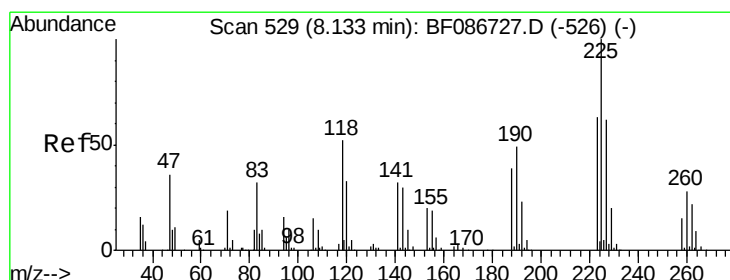
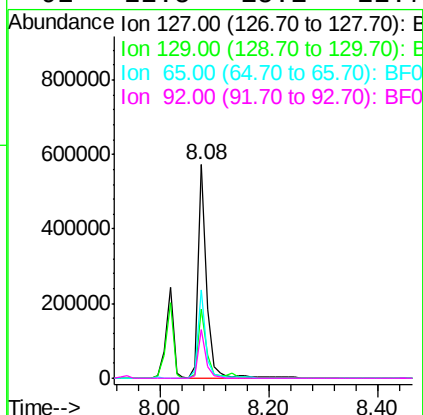
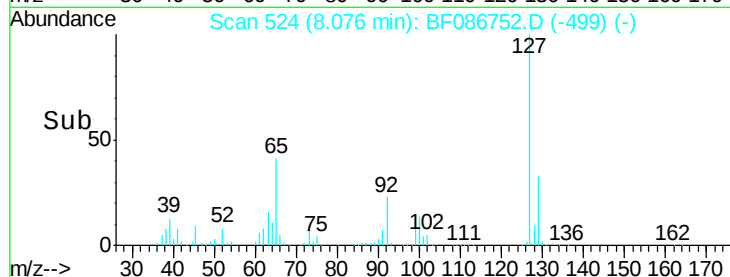
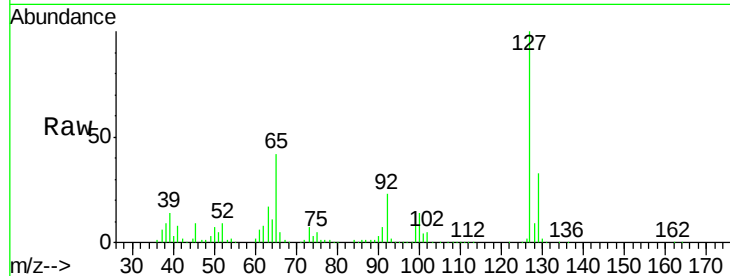
#33
4-Chloroaniline
Concen: 35.13 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	26.2	39.4
65	41.6	23.0	34.4
92	22.5	15.1	22.7

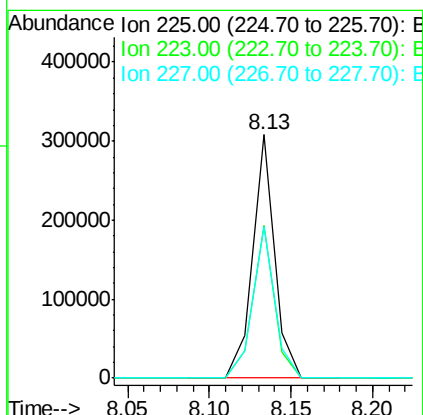
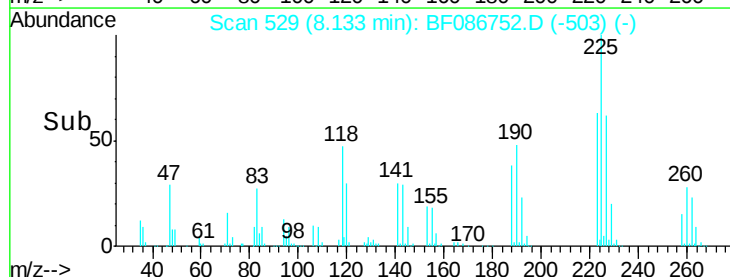
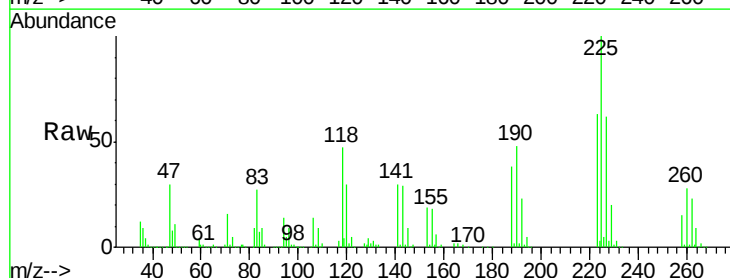
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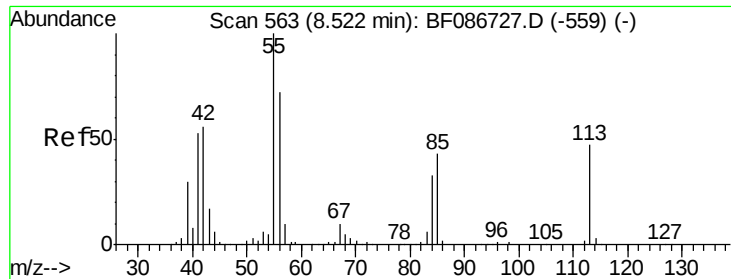
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#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.7	51.5	77.3
227	62.0	52.2	78.2





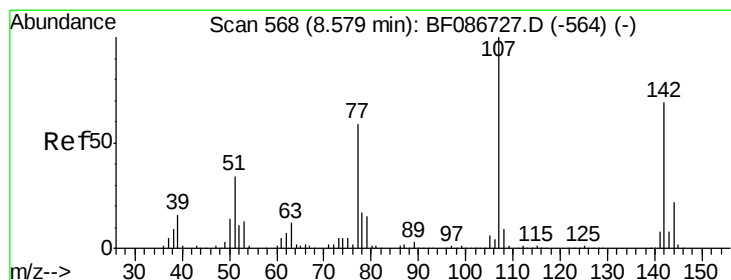
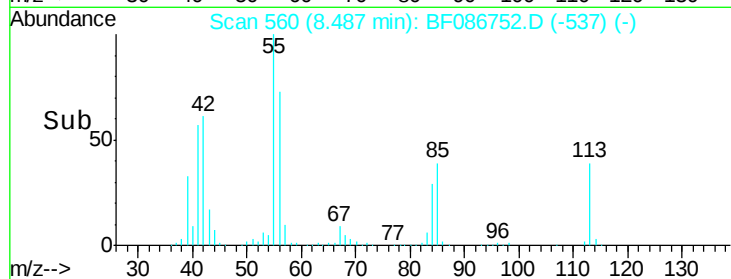
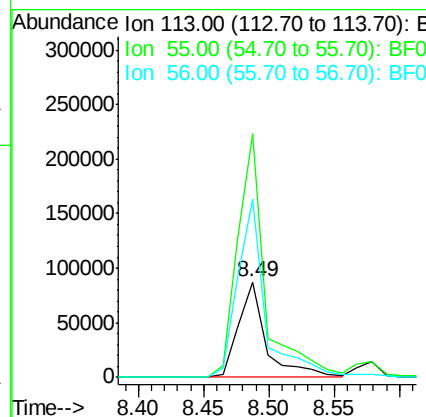
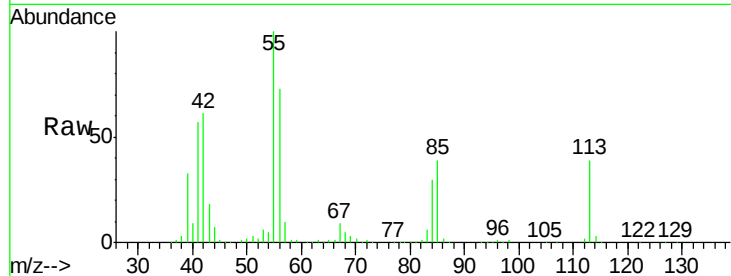
#35
Caprolactam
Concen: 35.33 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	129255		
55	255.1	162.0	202.0#	
56	186.4	115.3	155.3#	

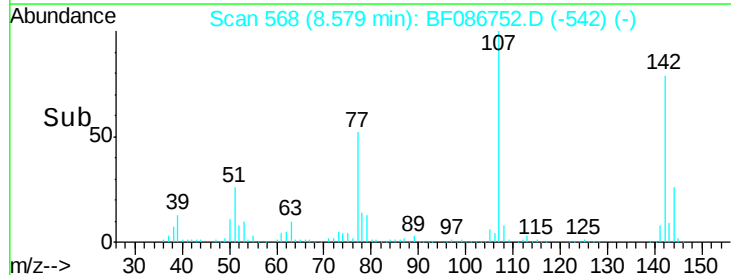
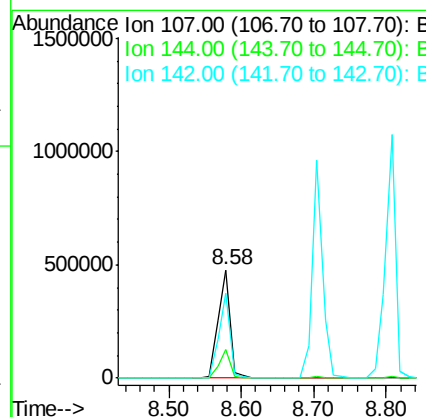
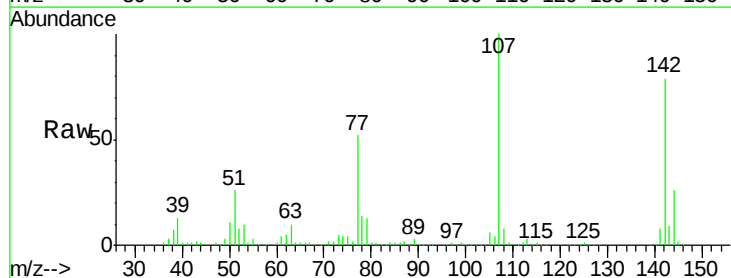
Manual Integrations
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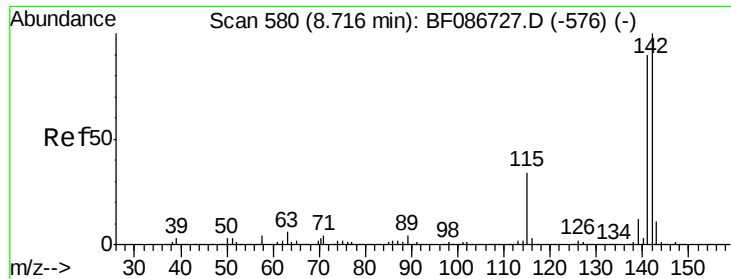
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#36
4-Chloro-3-methylphenol
Concen: 40.92 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	551723		
144	25.8	20.7	31.1	
142	78.9	63.2	94.8	





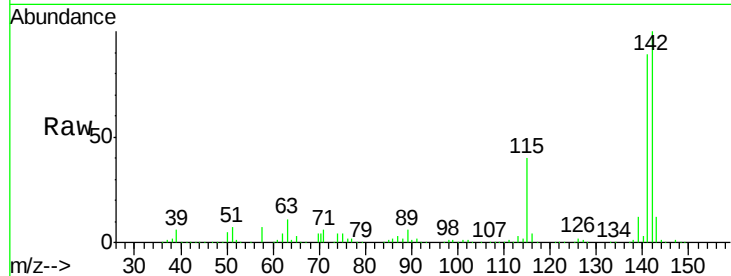
#37
2-Methylnaphthalene
Concen: 36.16 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

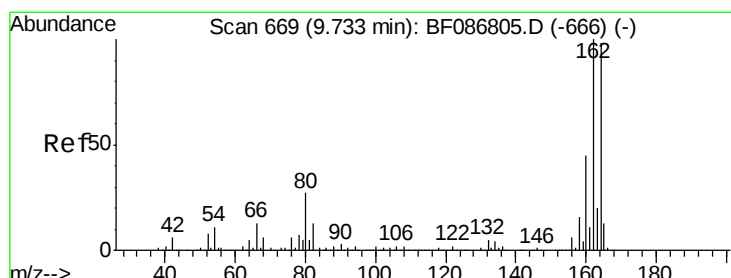
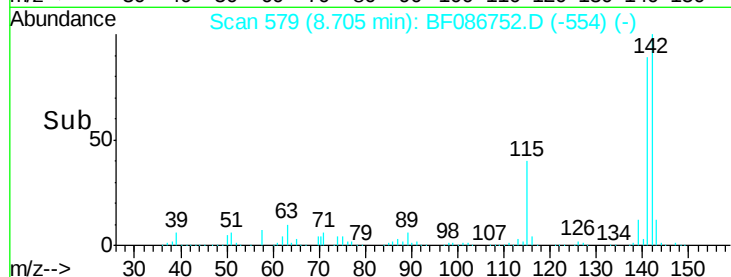
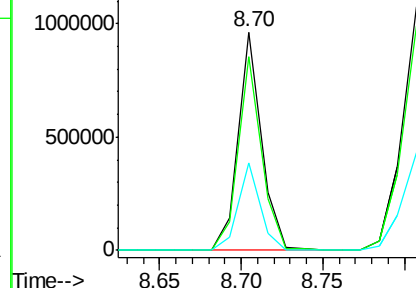
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.7	71.0	106.6
115	40.3	26.6	39.8

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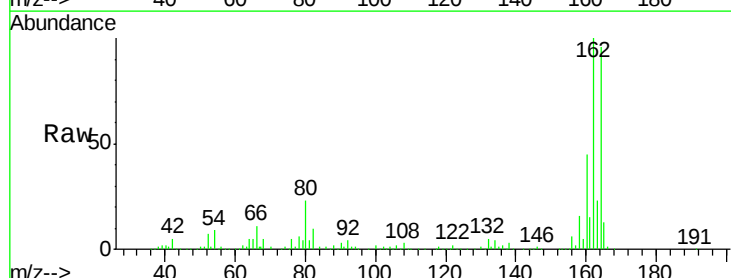


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

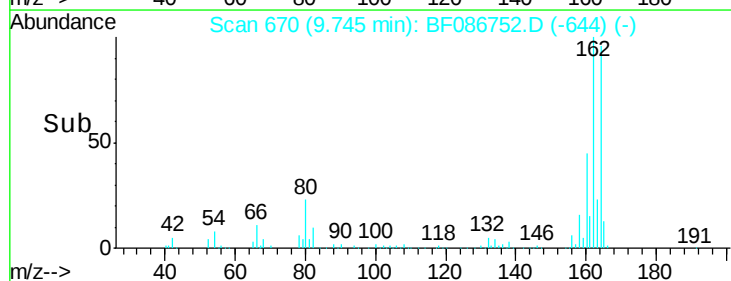
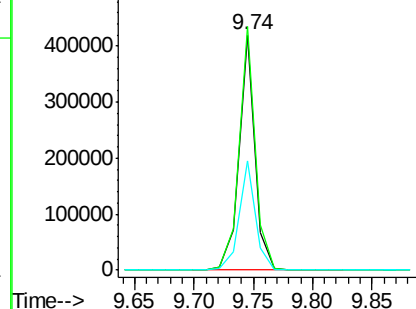


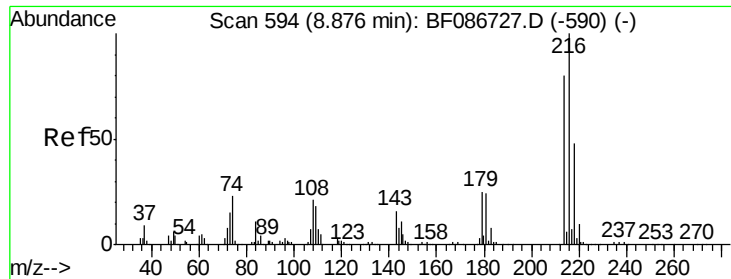
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.6	82.8	124.2
160	46.8	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.88 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

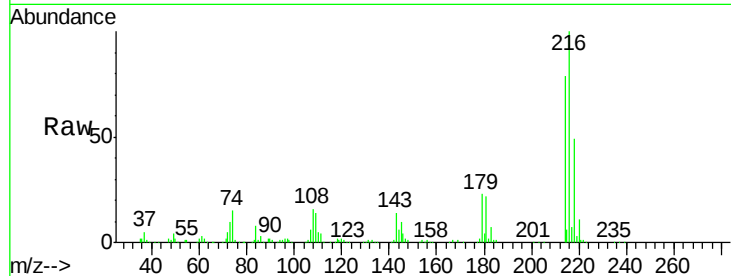
ClientSampleId :

SSTDCCC040

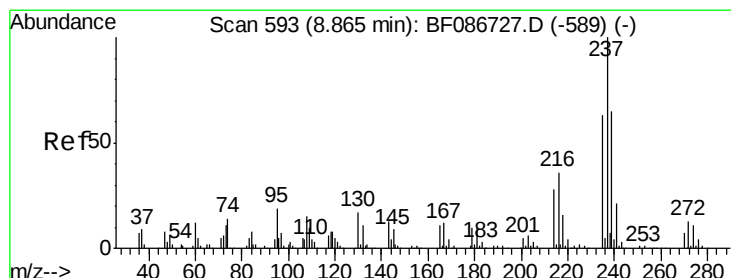
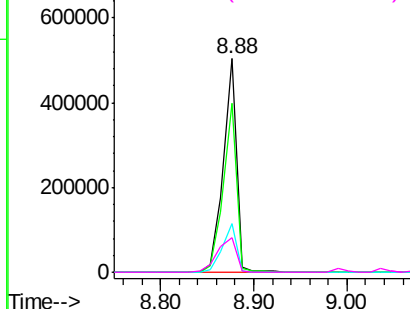
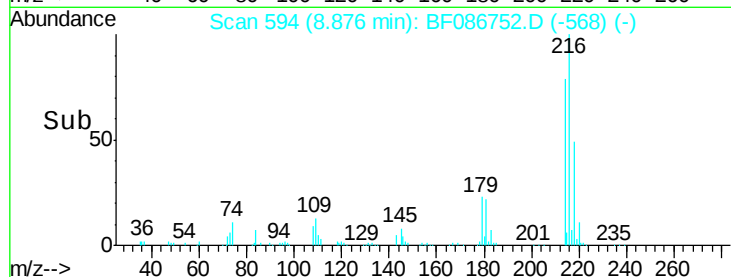
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	494475		
214	79.4	62.6	93.8	
179	23.8	18.2	27.4	
108	23.1	17.5	26.3	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.31 ng

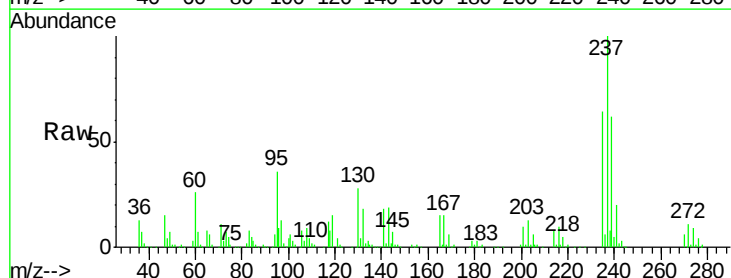
RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

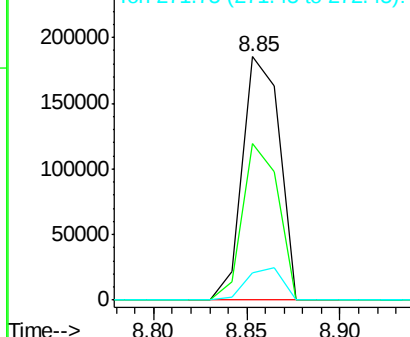
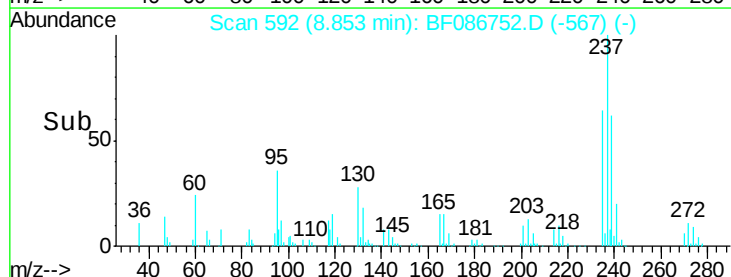
Lab File: BF086752.D

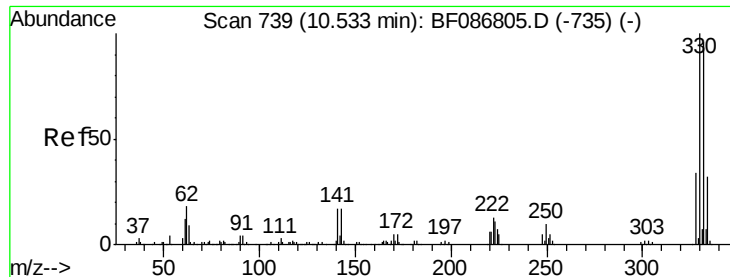
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	254116		
235	64.3	47.2	87.2	
272	11.3	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





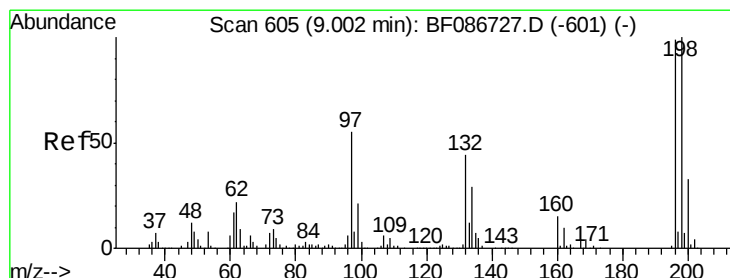
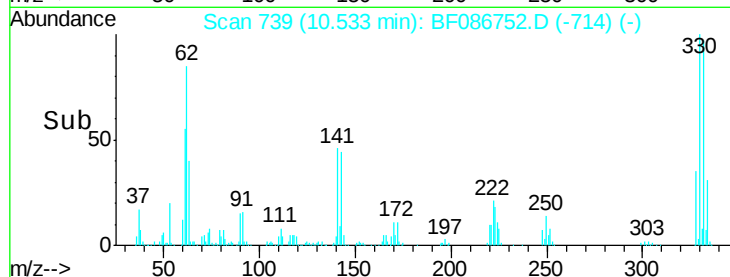
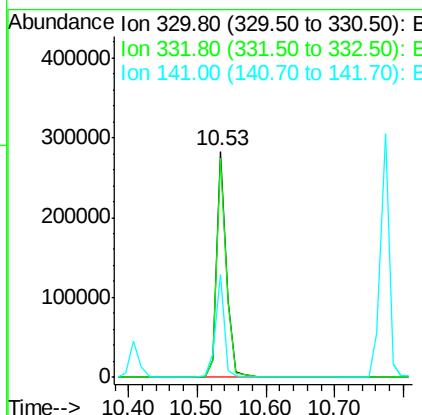
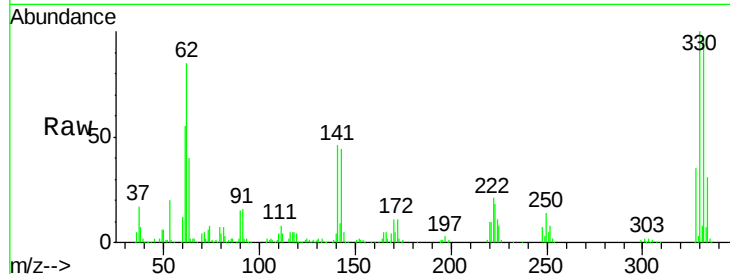
#41
 2,4,6-Tribromophenol
 Concen: 75.39 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	287139		
332	97.4	79.0	118.4	
141	41.4	31.2	46.8	

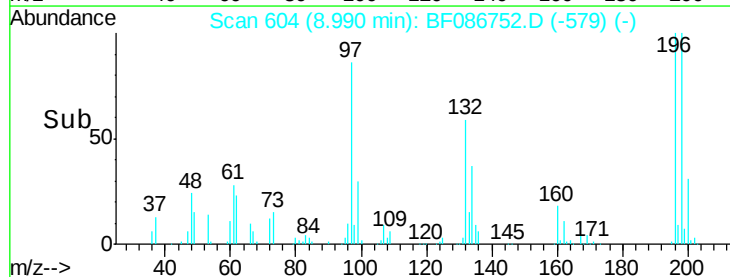
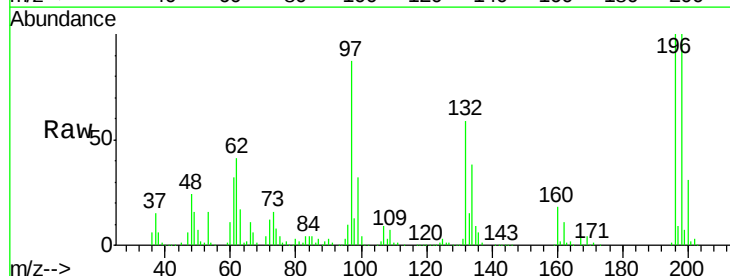
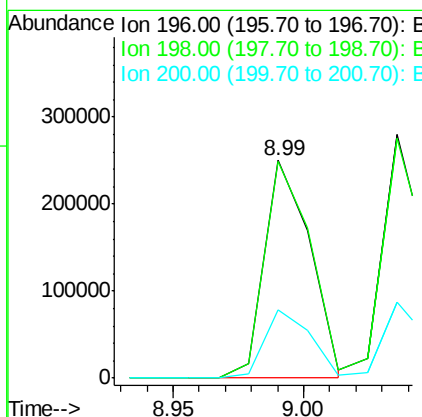
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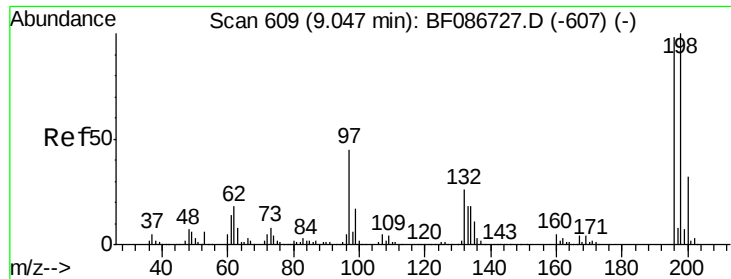
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#42
 2,4,6-Trichlorophenol
 Concen: 42.55 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	304891		
198	99.7	74.7	112.1	
200	31.2	23.8	35.6	





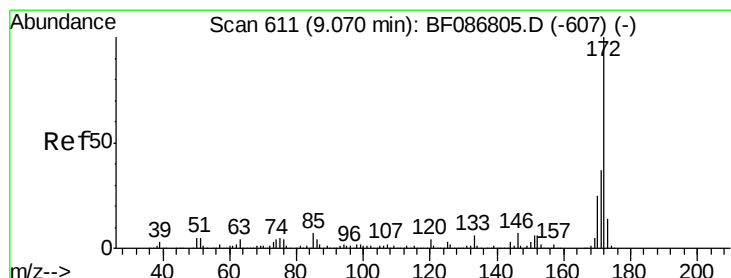
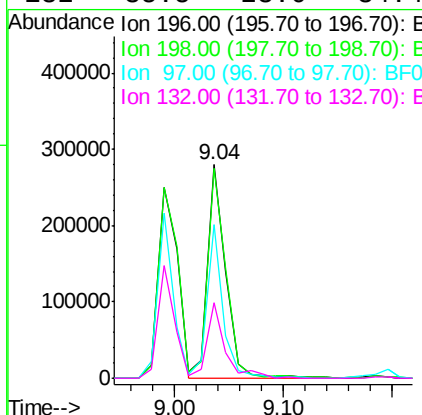
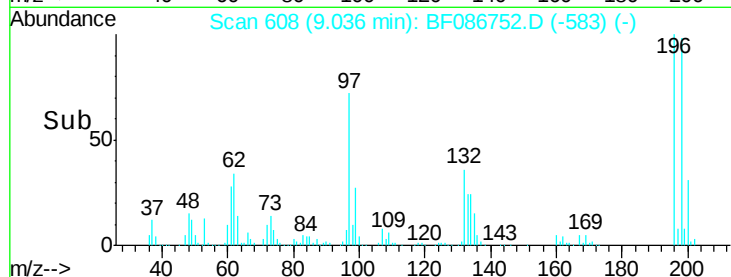
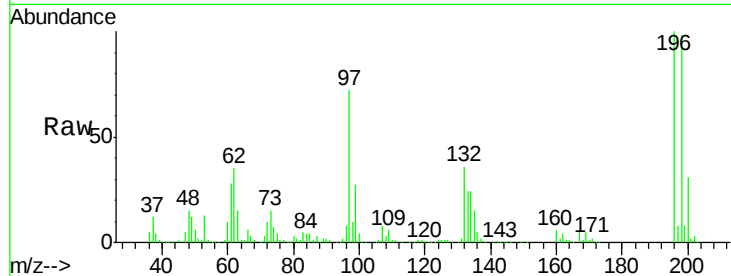
#43
 2,4,5-Trichlorophenol
 Concen: 43.15 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323037		
198	98.3	77.5	116.3	
97	72.1	34.8	52.2	
132	35.5	23.0	34.4	

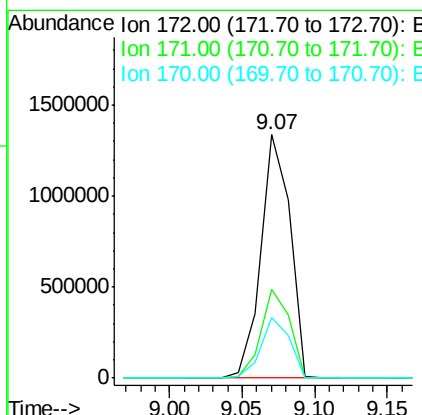
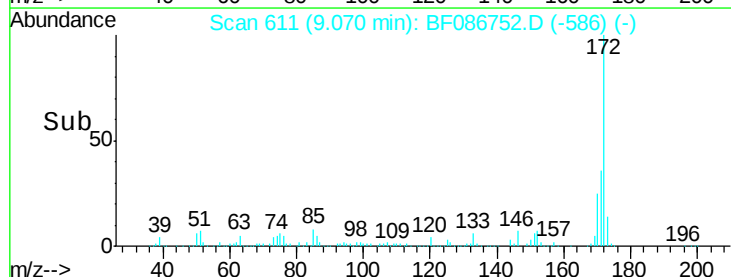
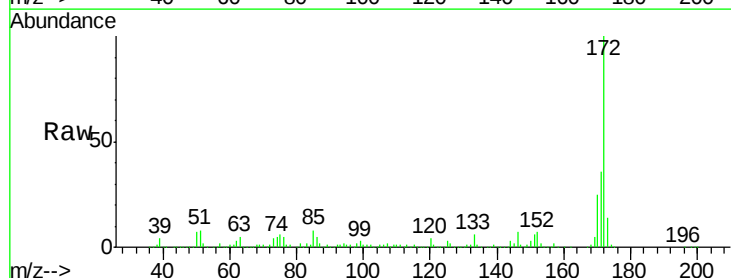
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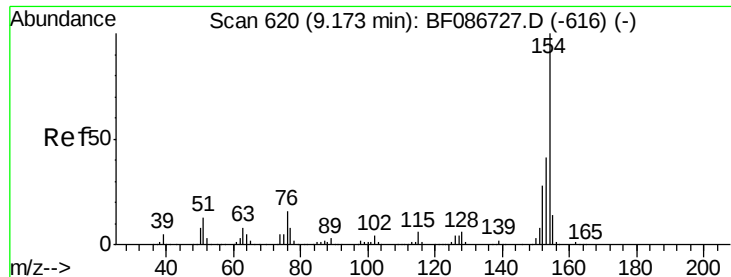
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#44
 2-Fluorobiphenyl
 Concen: 78.28 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1859220		
171	36.3	29.0	43.6	
170	25.0	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 39.71 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1263834

Ion Ratio Lower Upper

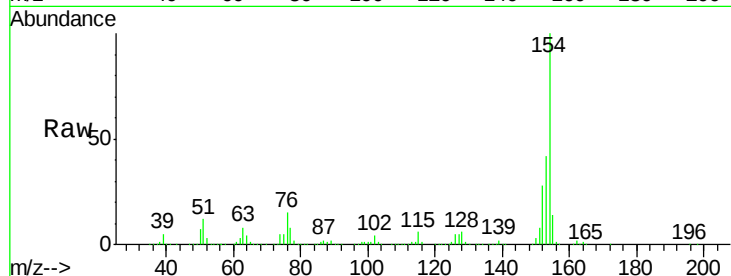
154 100

153 41.7 20.3 60.3

76 14.9 0.0 30.2

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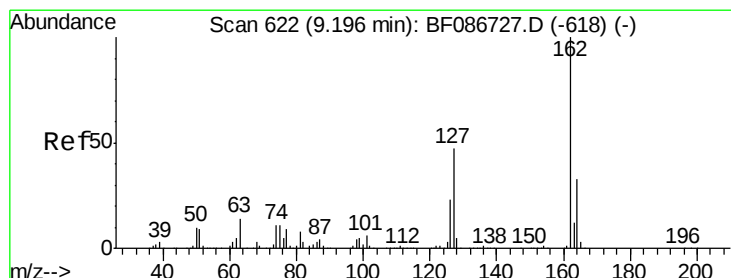
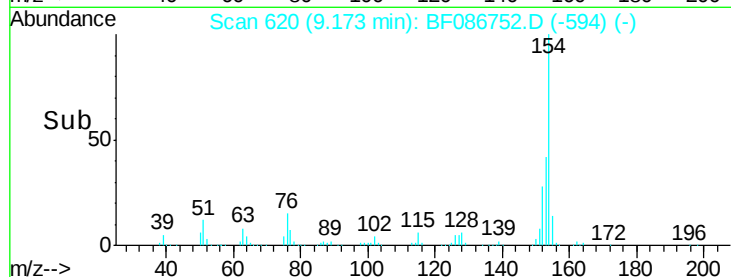
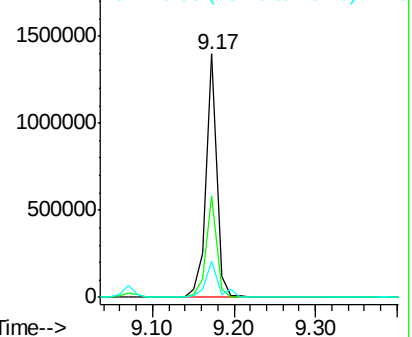
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.63 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

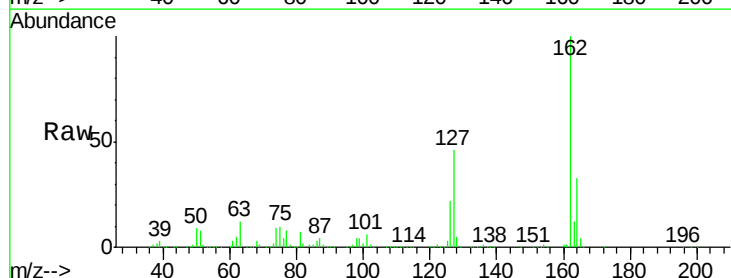
Tgt Ion:162 Resp: 973503

Ion Ratio Lower Upper

162 100

127 45.7 31.8 47.6

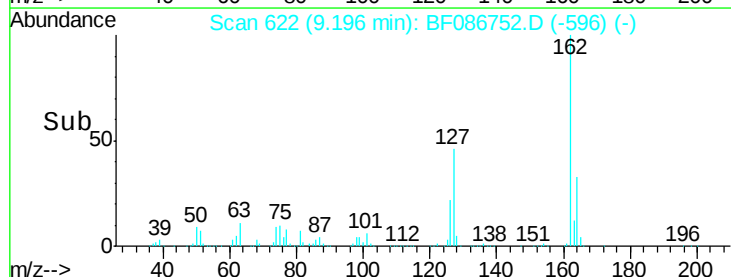
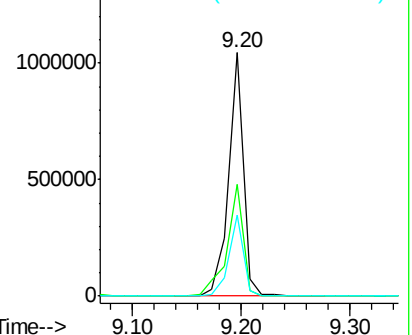
164 33.2 27.0 40.6

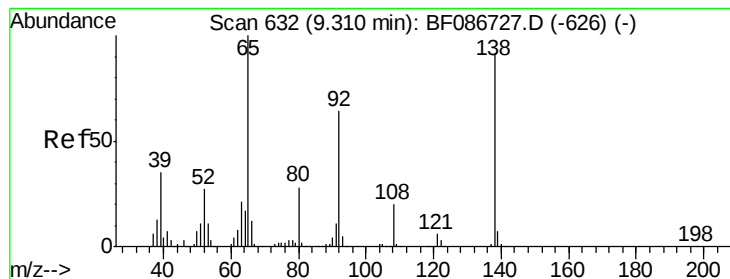


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.66 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 65 Resp: 337571
Ion Ratio Lower Upper

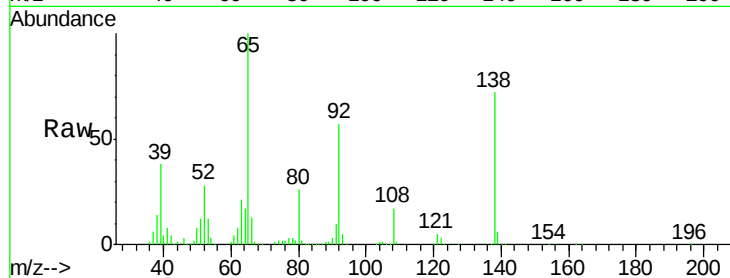
65 100

92 57.5 57.4 86.2

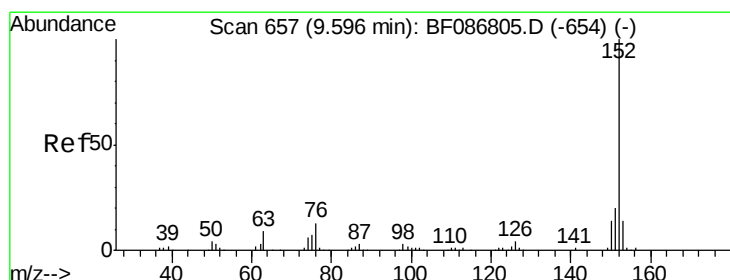
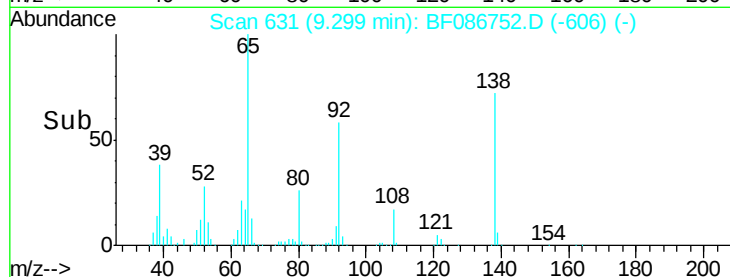
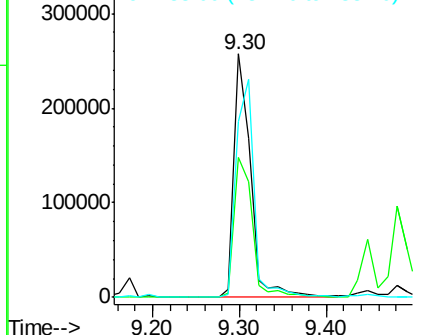
138 72.3 90.1 135.1#

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 37.69 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086752.D

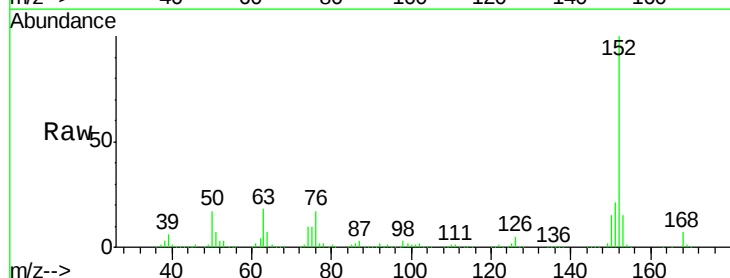
Acq: 7 May 2016 4:42

Tgt Ion: 152 Resp: 1374238
Ion Ratio Lower Upper

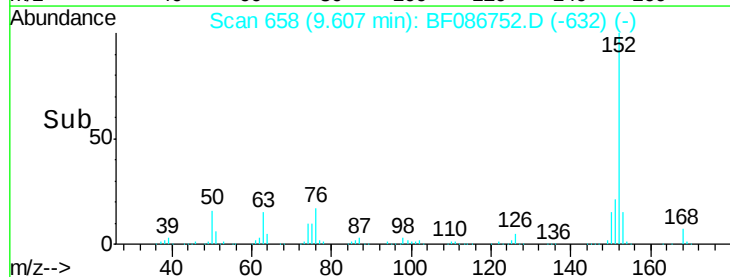
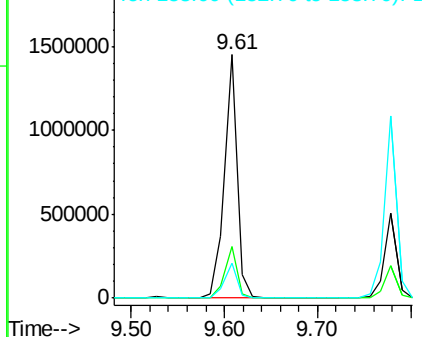
152 100

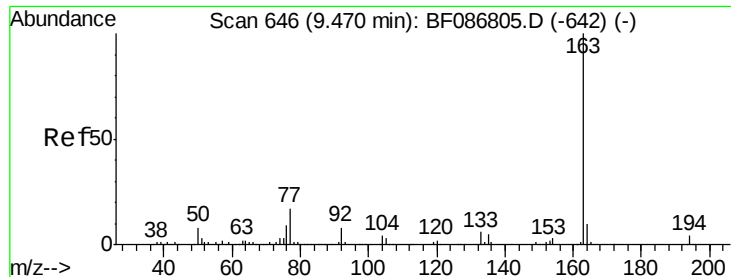
151 21.2 16.8 25.2

153 14.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





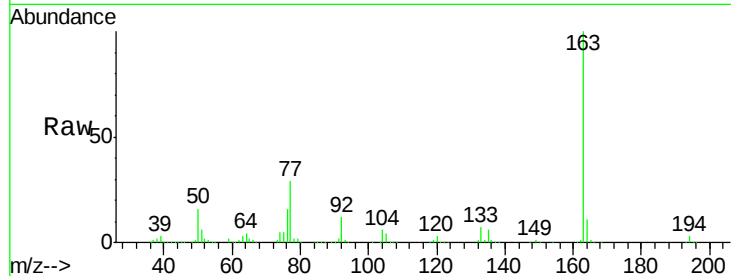
#49
Dimethylphthalate
Concen: 40.57 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

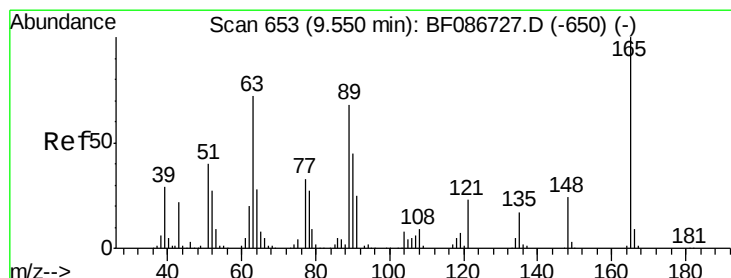
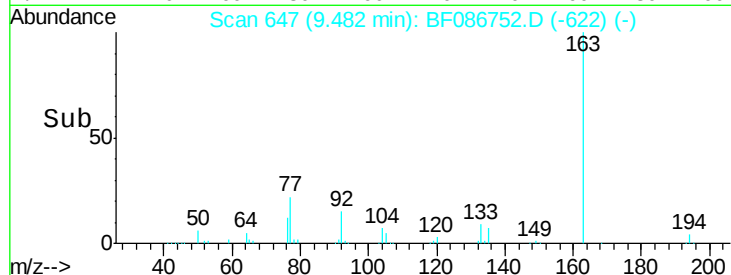
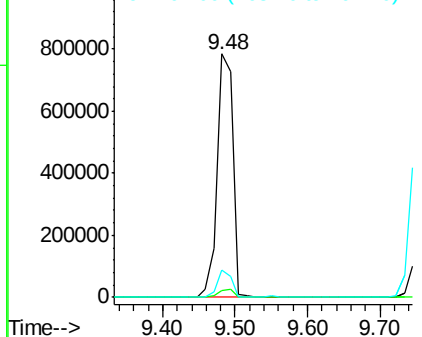
Tgt Ion:163 Resp: 1177524
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 11.0 8.2 12.4

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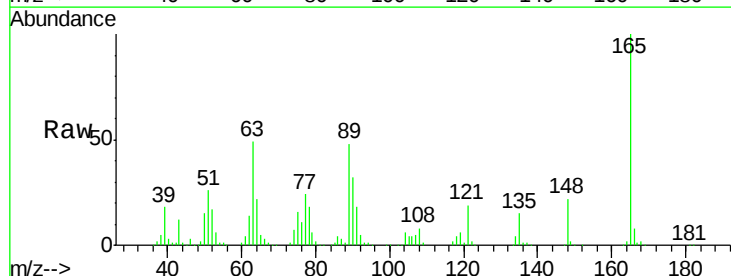


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

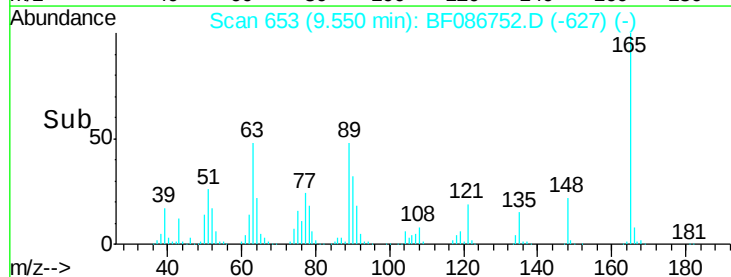
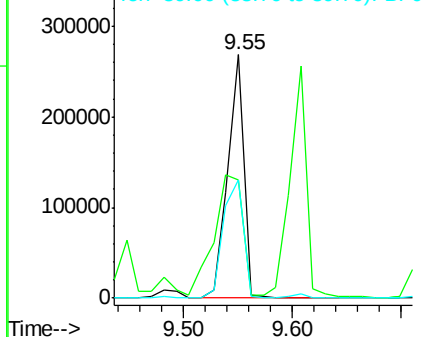


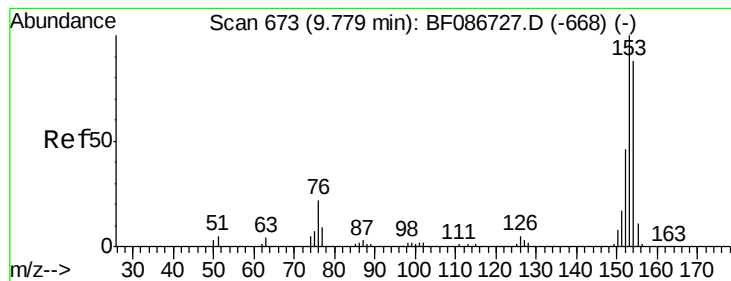
#50
2,6-Dinitrotoluene
Concen: 44.32 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion:165 Resp: 276074
Ion Ratio Lower Upper
165 100
63 48.6 51.8 77.8#
89 48.5 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.67 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

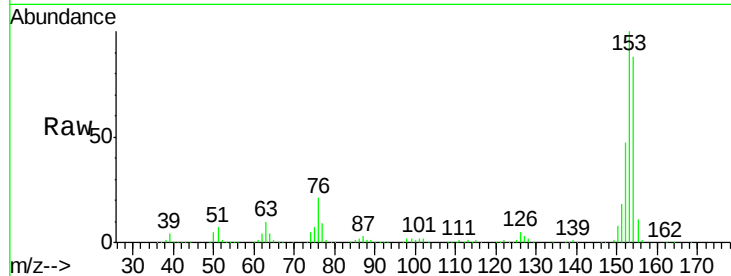
ClientSampleId :

SSTDCCC040

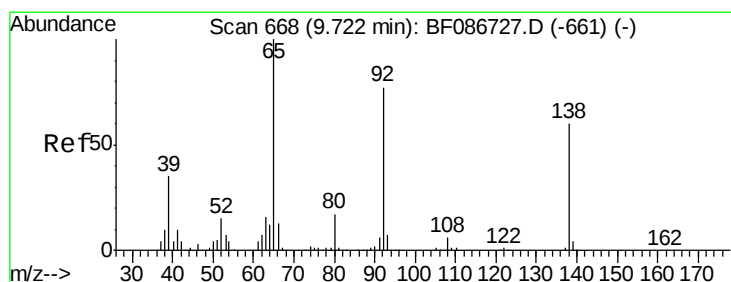
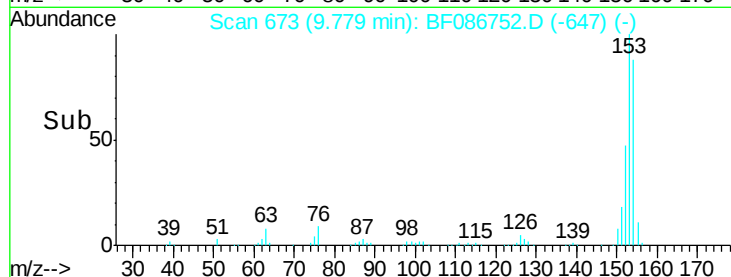
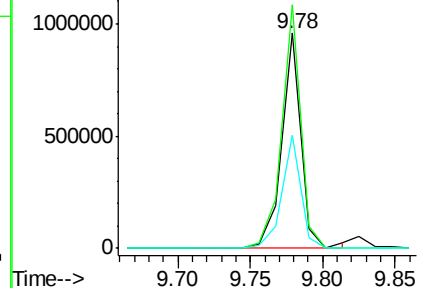
Tgt Ion:	154	Resp:	882018
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.6
152	52.8	43.4	65.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.04 ng

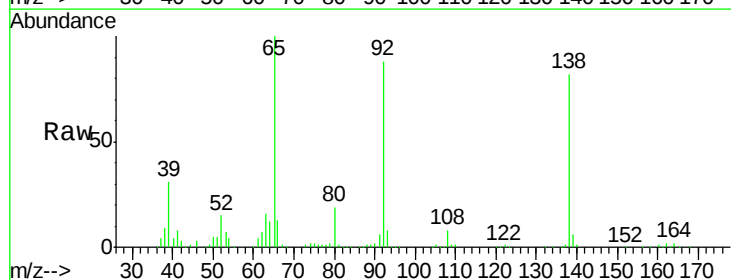
RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

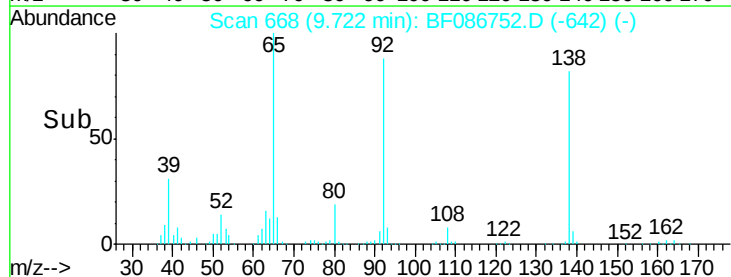
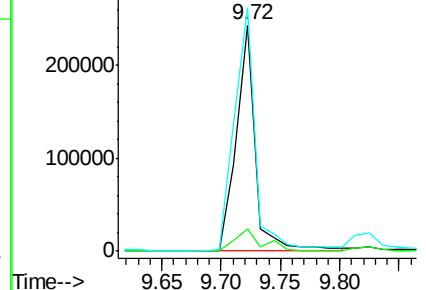
Lab File: BF086752.D

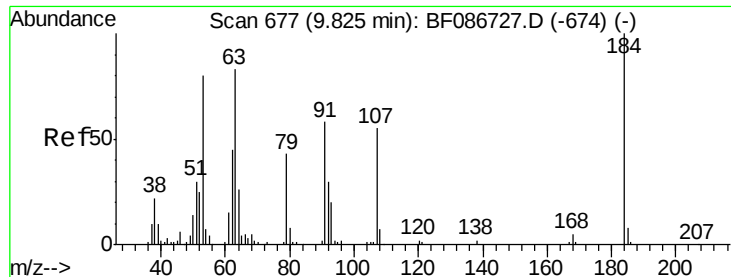
Acq: 7 May 2016 4:42

Tgt Ion:	138	Resp:	269368
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	107.7	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





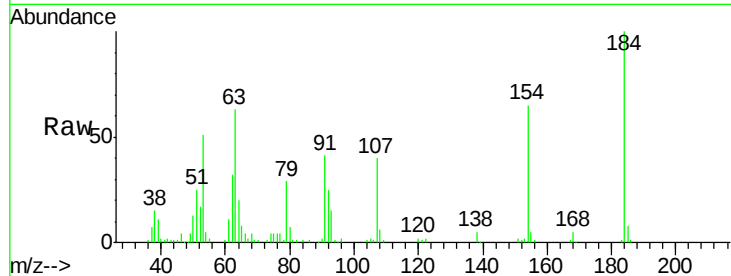
#53
 2,4-Dinitrophenol
 Concen: 52.49 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

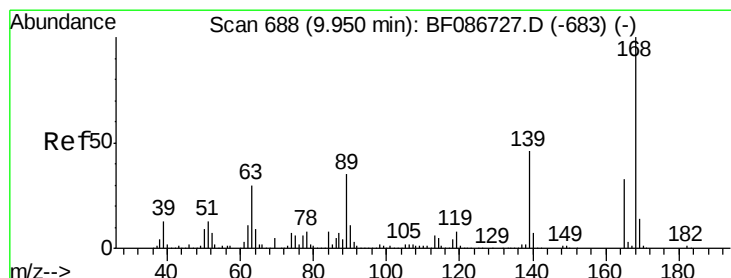
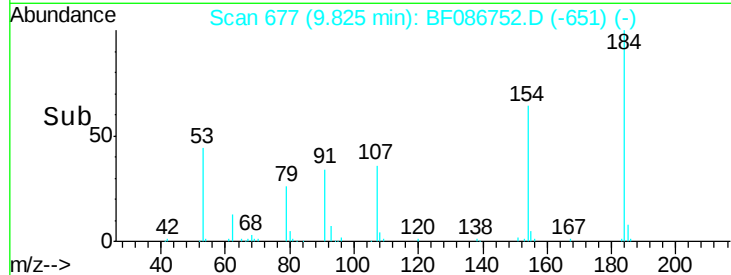
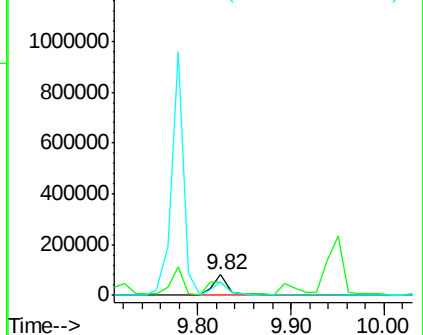
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	102463		
63	63.2	55.8	83.8	
154	64.8	62.4	93.6	

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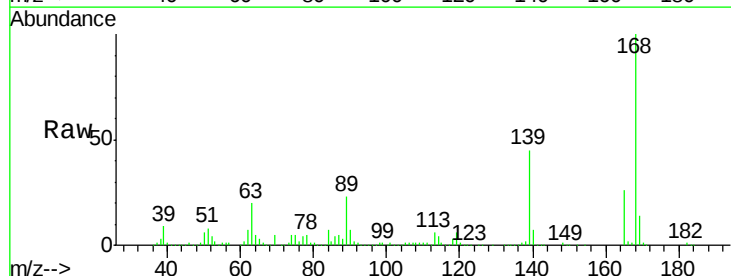


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

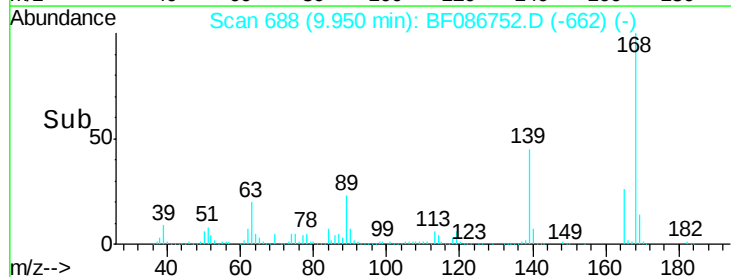
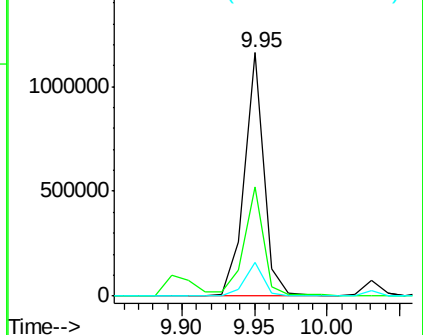


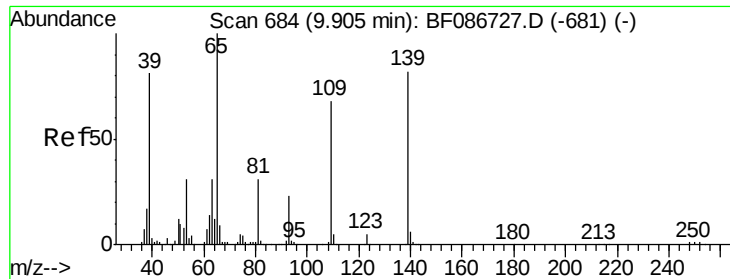
#54
 Dibenzofuran
 Concen: 36.59 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1090946		
139	44.6	31.4	47.0	
169	13.7	10.7	16.1	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





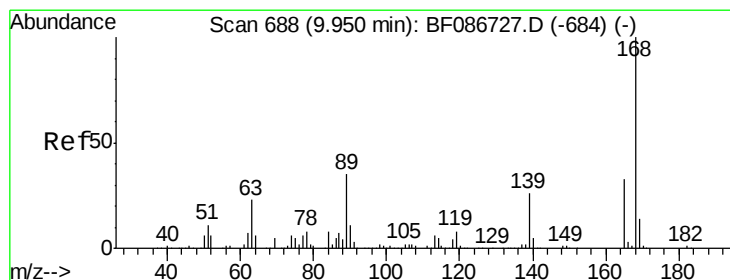
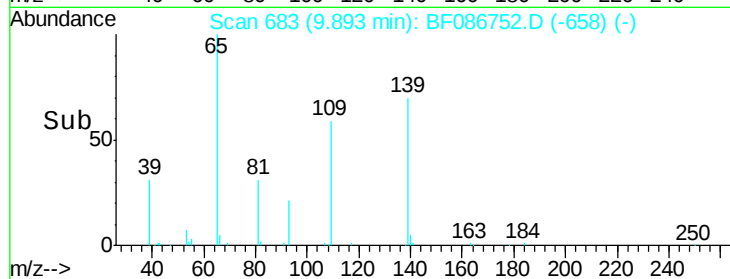
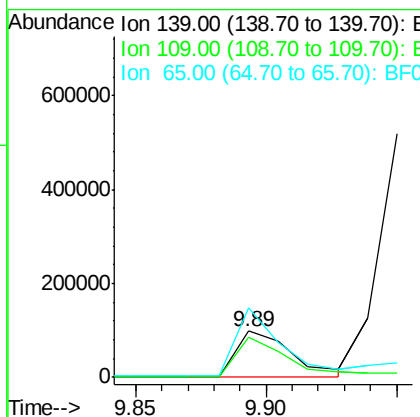
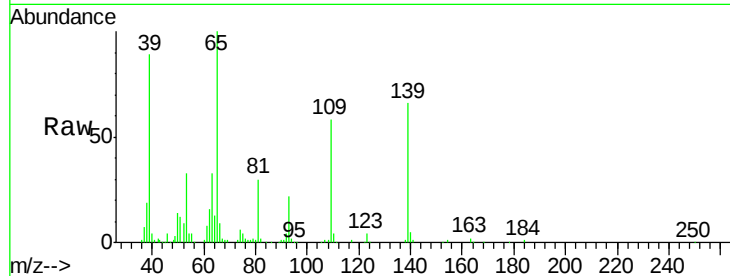
#55
4-Nitrophenol
Concen: 36.10 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	149011		
109	87.8	36.9	76.9#	
65	150.8	64.0	104.0#	

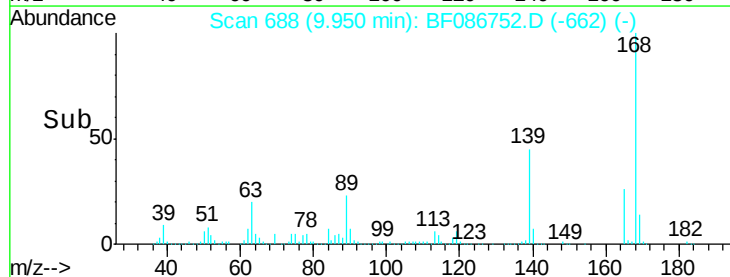
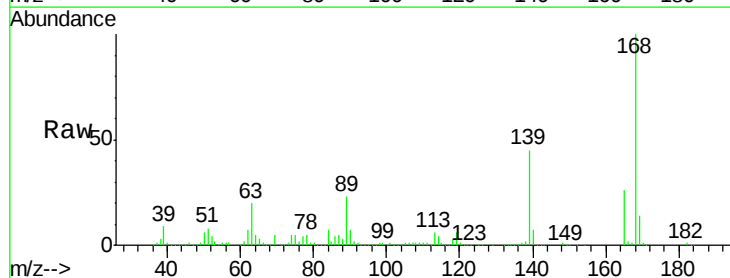
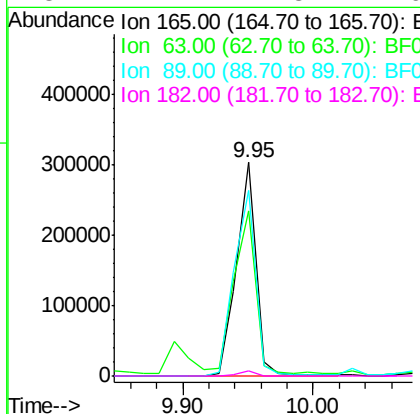
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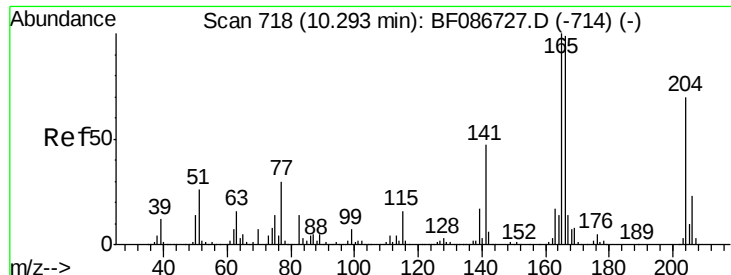
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#56
2,4-Dinitrotoluene
Concen: 40.54 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	312910		
63	77.3	44.3	66.5#	
89	87.0	70.0	105.0	
182	2.4	1.8	2.6	





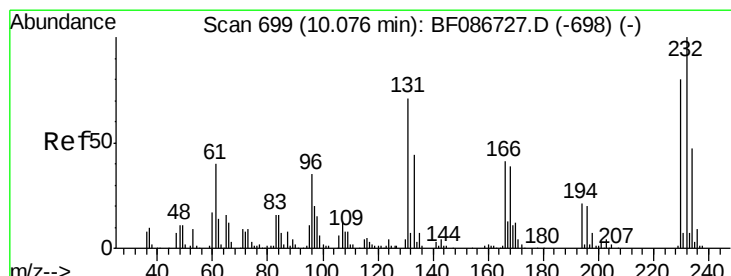
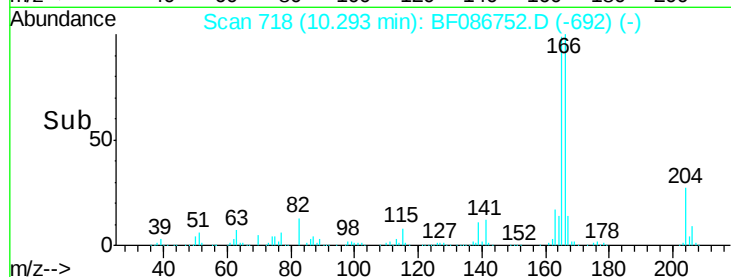
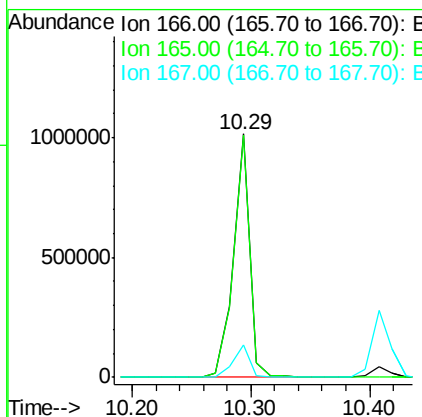
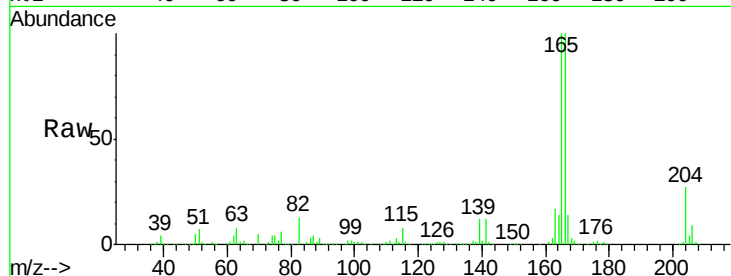
#57
Fluorene
 Concen: 40.16 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	79.0	118.6	
167	13.6	10.6	15.8	

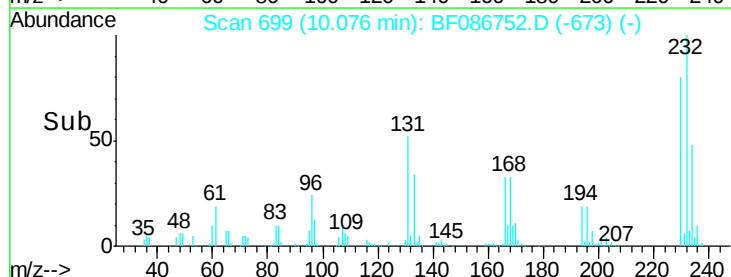
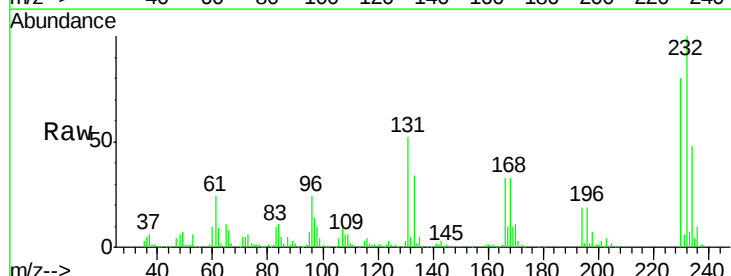
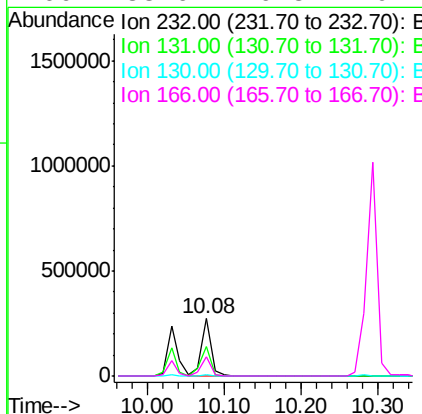
Manual Integrations
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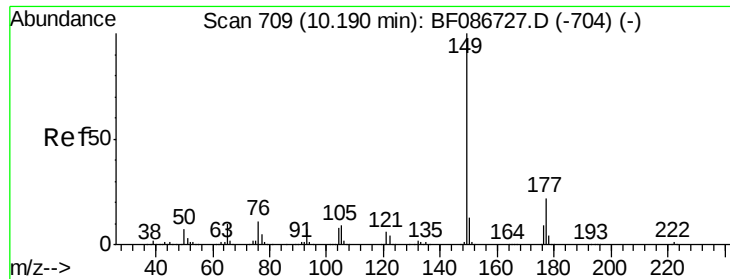
Sohil
 5/9/2016 7:17:25 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.67 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.0	41.9	62.9	
130	2.8	2.2	3.4	
166	33.6	26.8	40.2	





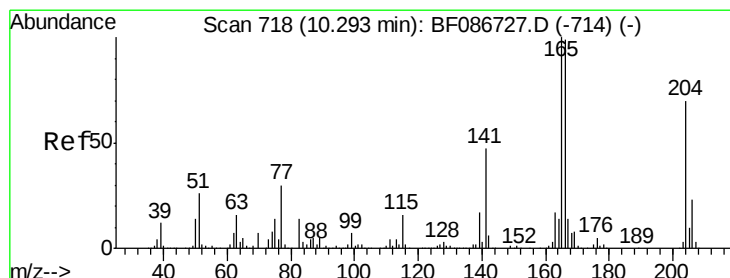
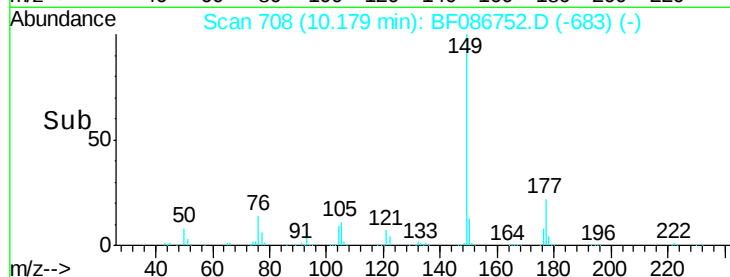
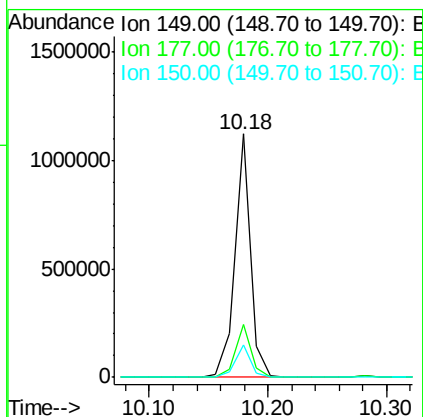
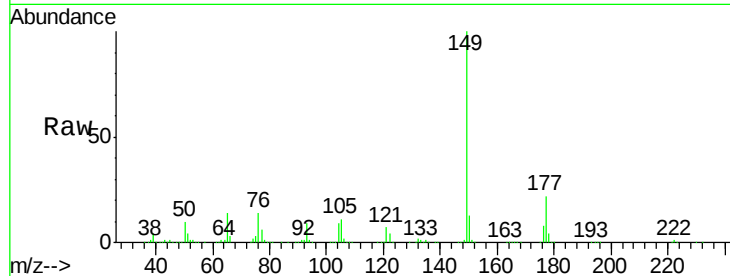
#59
Diethylphthalate
Concen: 37.54 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.6	24.8
150	13.3	10.0	15.0

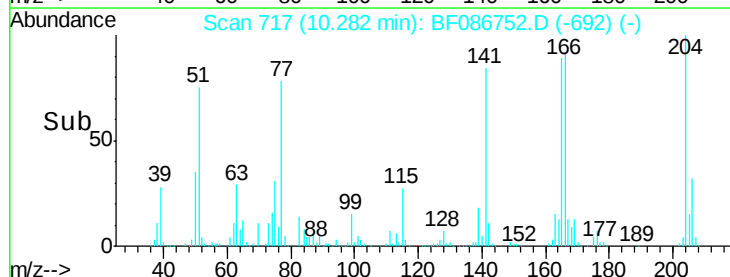
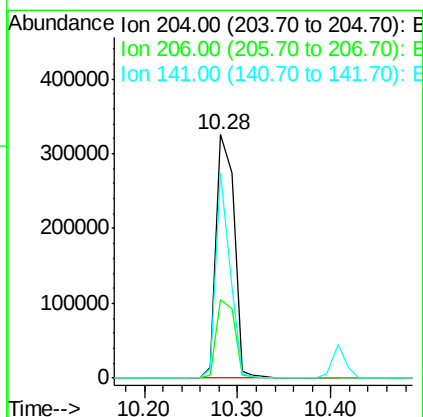
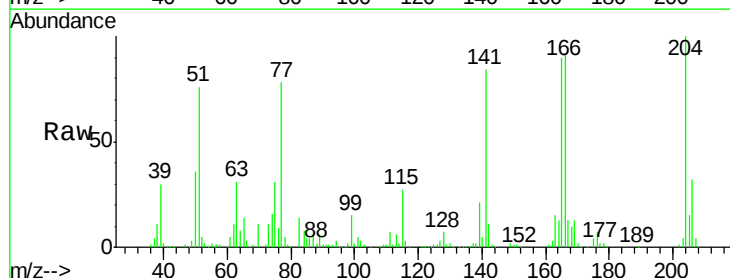
Manual Integrations
APPROVED

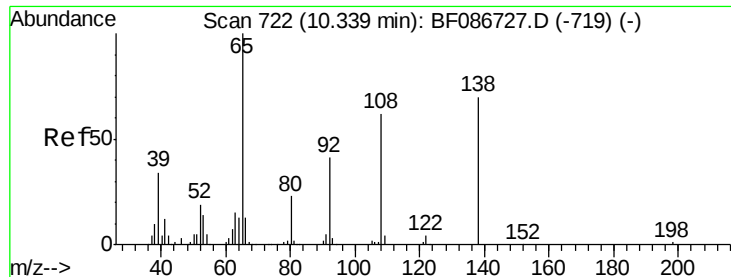
Sohil
5/9/2016 7:17:25 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.68 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.4	38.0
141	84.1	61.6	92.4





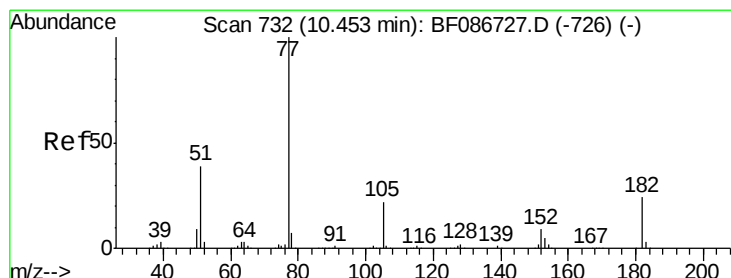
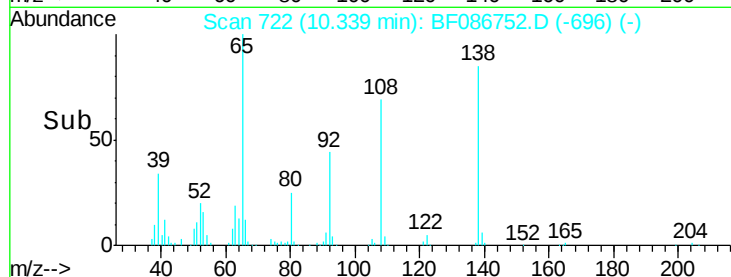
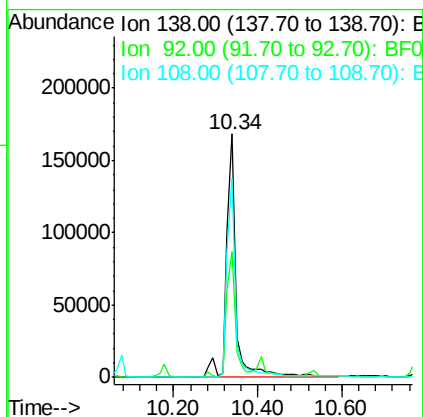
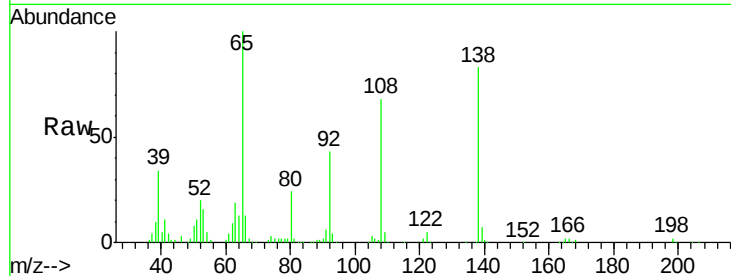
#61
4-Nitroaniline
Concen: 38.18 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	24.7	64.7
108	81.5	37.4	77.4

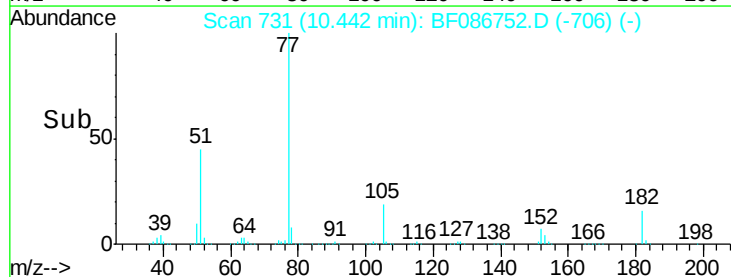
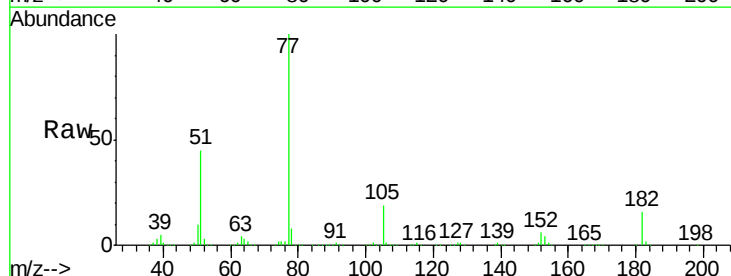
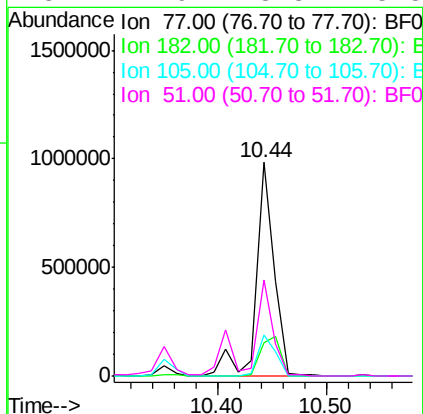
Manual Integrations
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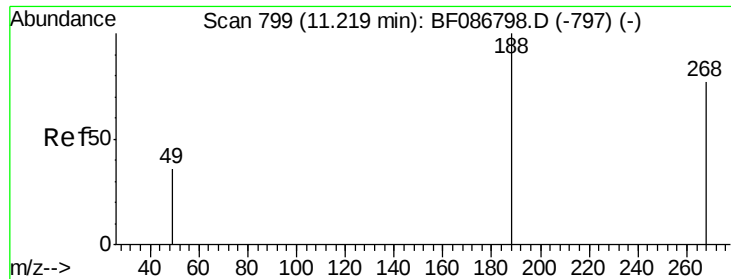
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#62
Azobenzene
Concen: 37.49 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.6	0.0	38.8
105	19.4	3.2	43.2
51	44.9	8.8	48.8





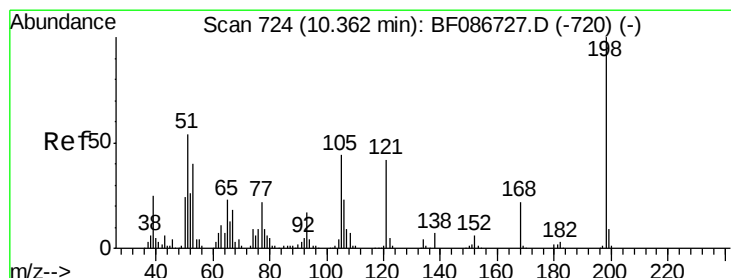
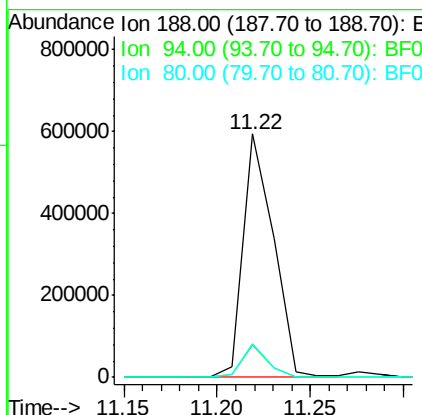
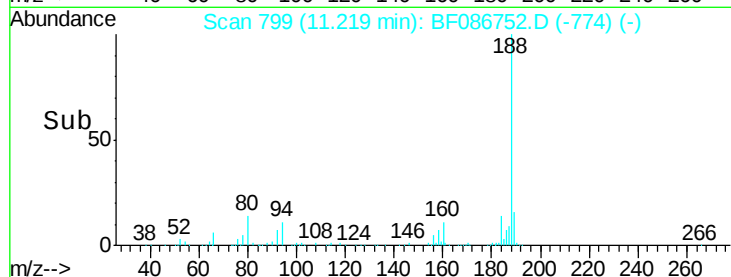
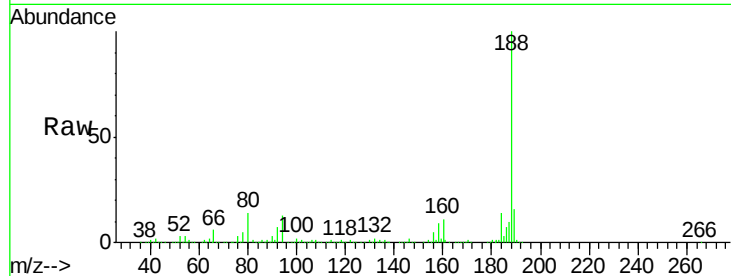
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.1	6.8	10.2#
80	14.0	7.1	10.7#

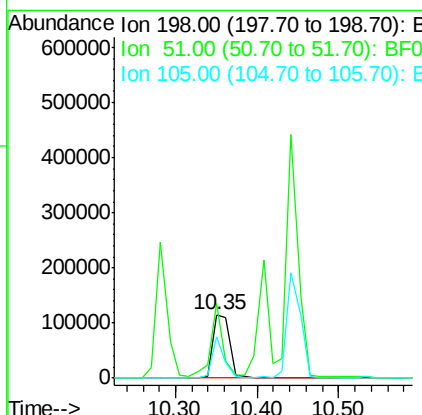
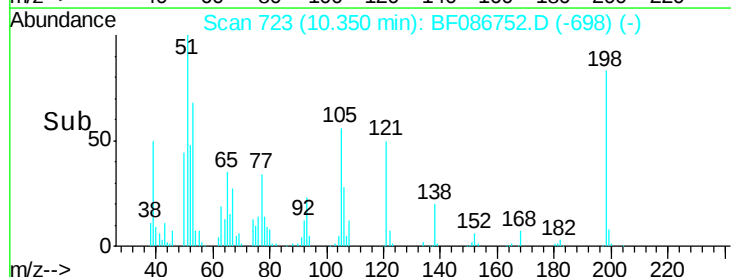
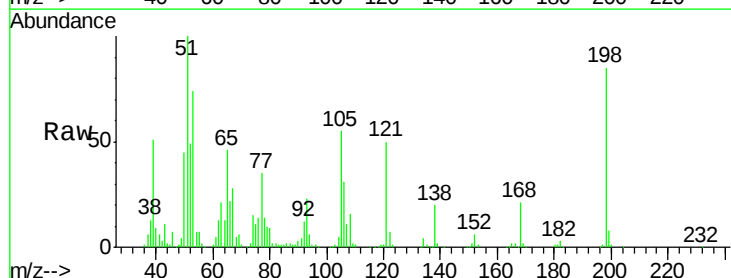
Manual Integrations
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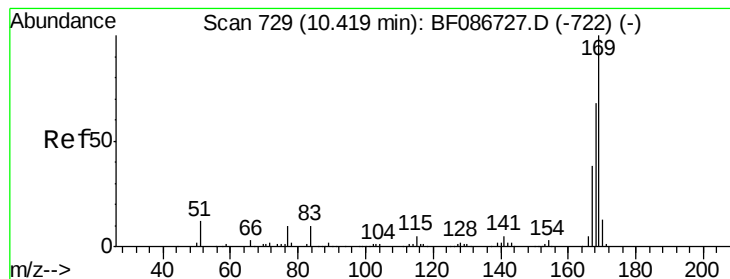
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.68 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	118.1	20.5	60.5#
105	65.5	24.5	64.5#





#65

n-Nitrosodiphenylamine

Concen: 37.63 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:169 Resp: 802092
Ion Ratio Lower Upper

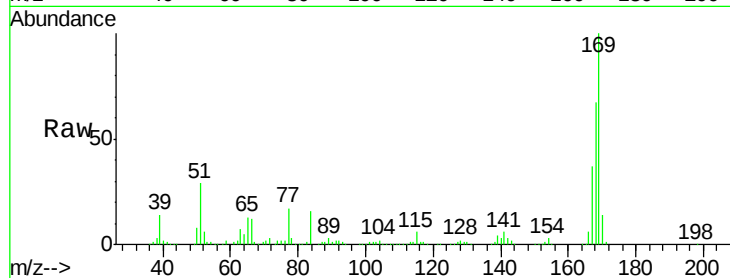
169 100

168 66.7 53.8 80.6

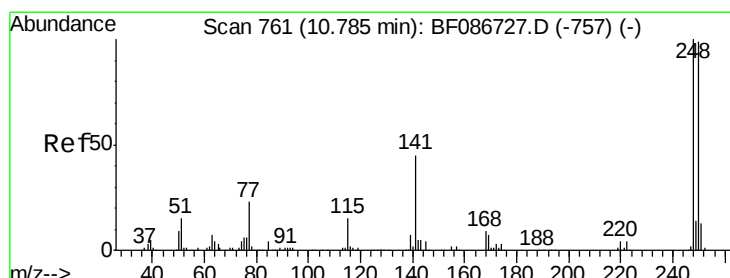
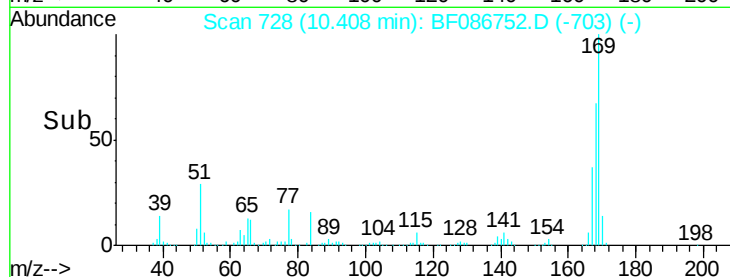
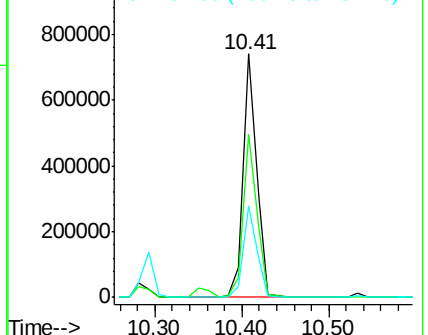
167 37.4 29.5 44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.55 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF086752.D

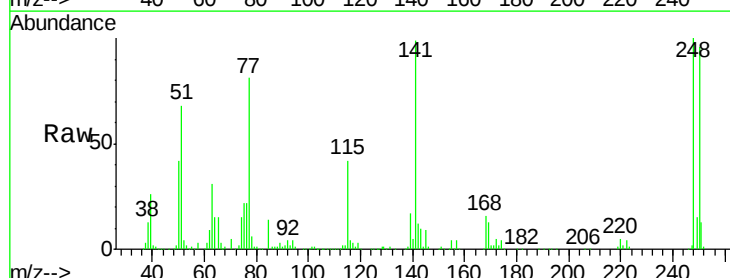
Acq: 7 May 2016 4:42

Tgt Ion:248 Resp: 270535
Ion Ratio Lower Upper

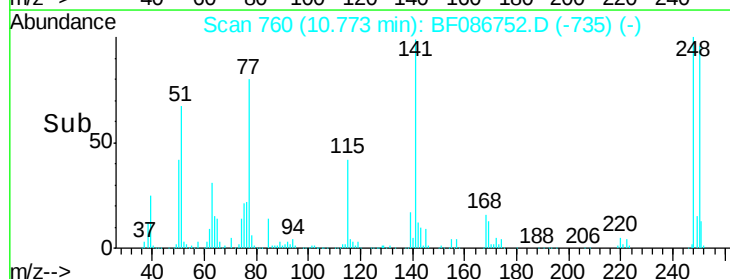
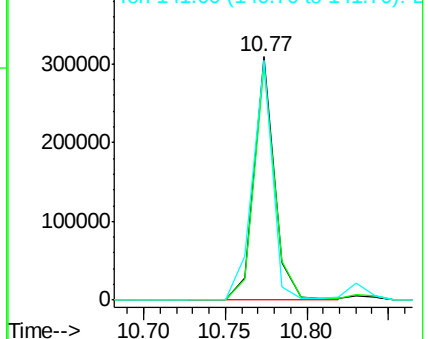
248 100

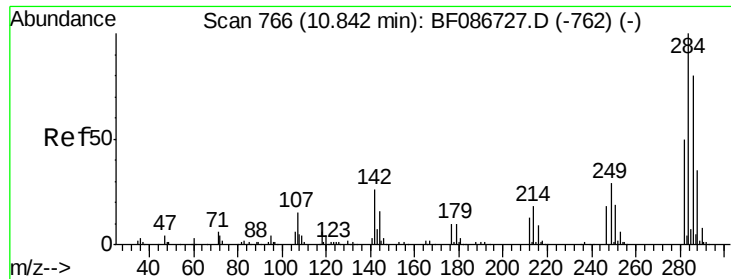
250 96.2 78.6 117.8

141 98.5 76.0 114.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.10 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

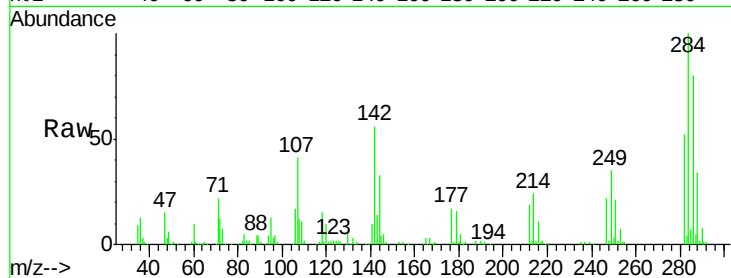
ClientSampleId :

SSTDCCC040

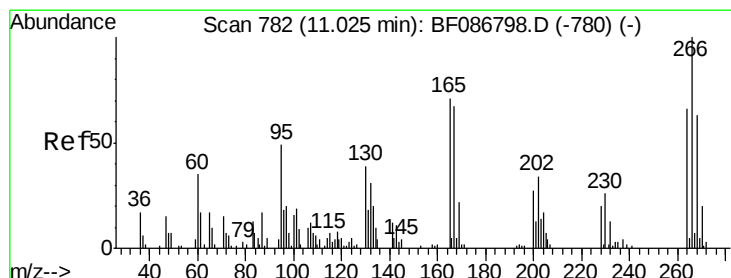
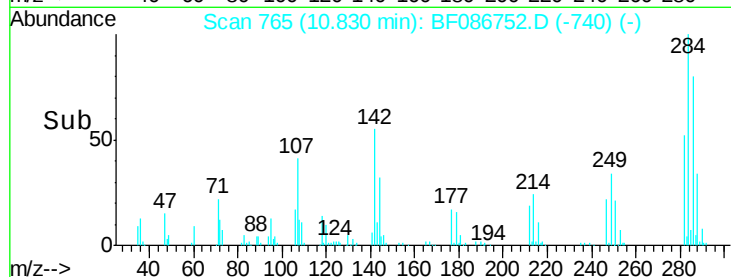
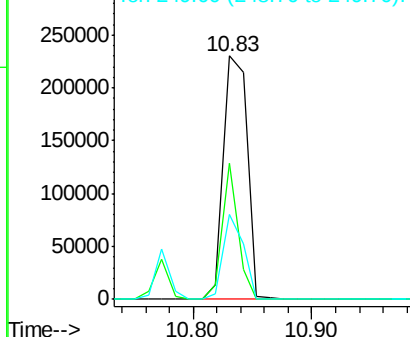
Tgt Ion:	284	Resp:	318108
Ion Ratio	Lower	Upper	
284	100		
142	55.8	16.7	25.1#
249	34.7	21.3	31.9#

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.80 ng

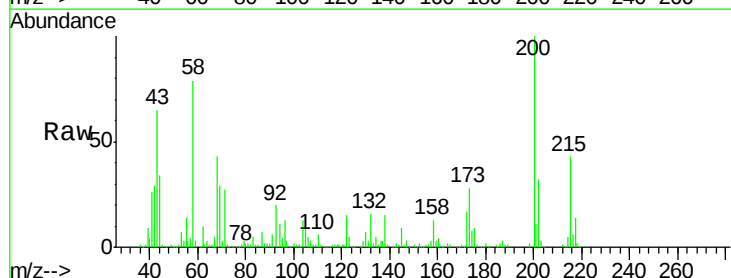
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

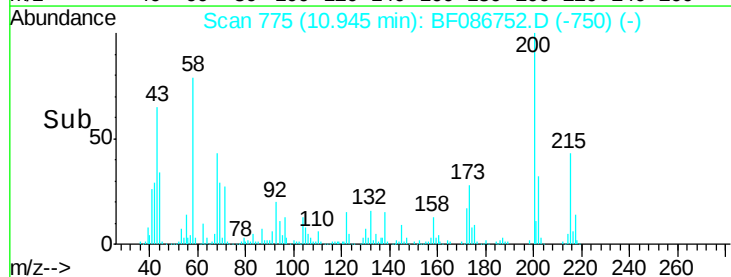
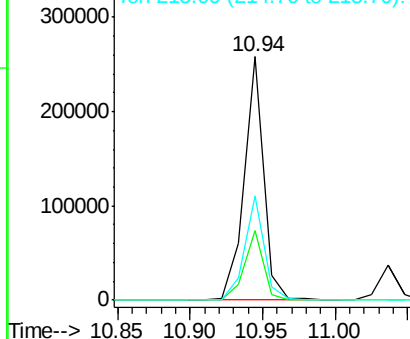
Lab File: BF086752.D

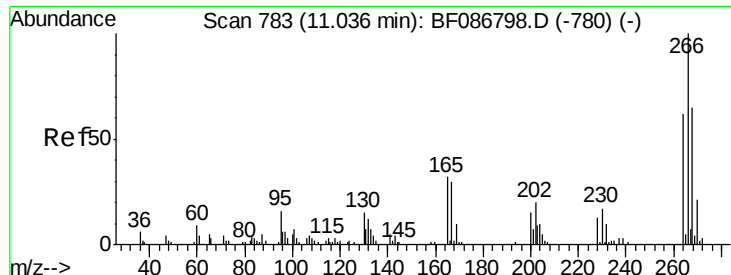
Acq: 7 May 2016 4:42

Tgt Ion:	200	Resp:	240366
Ion Ratio	Lower	Upper	
200	100		
173	28.5	8.5	48.5
215	42.9	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





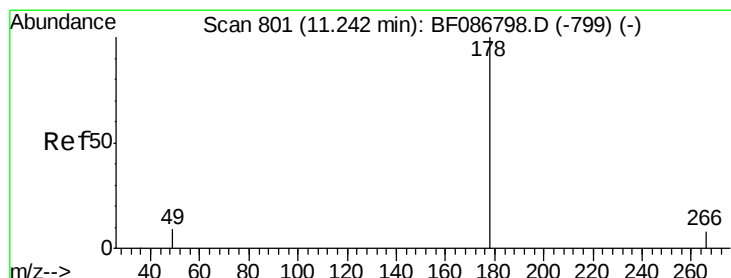
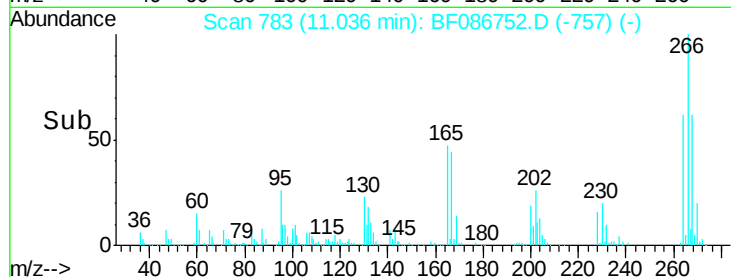
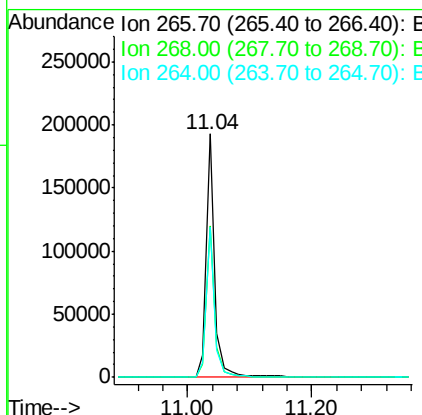
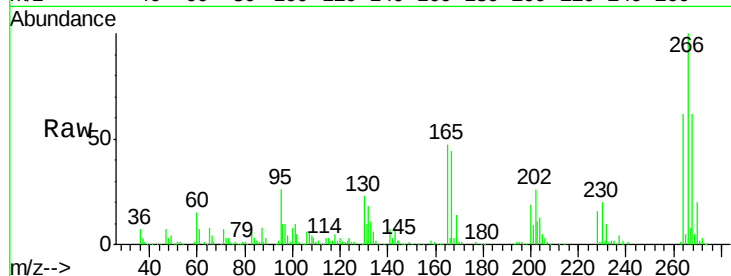
#69
 Pentachlorophenol
 Concen: 49.17 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	184574		
268	62.3	51.5	77.3	
264	61.8	52.9	79.3	

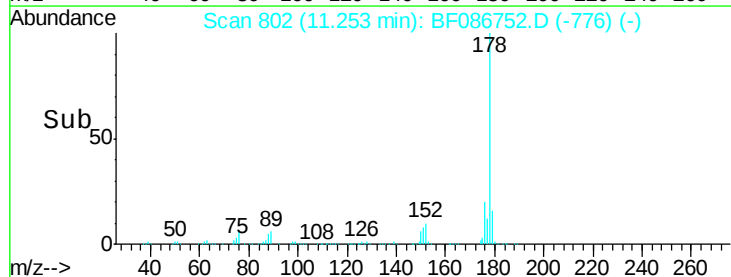
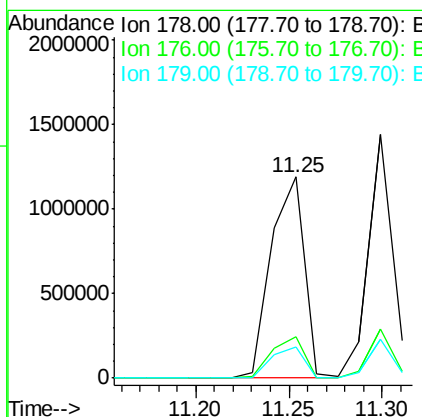
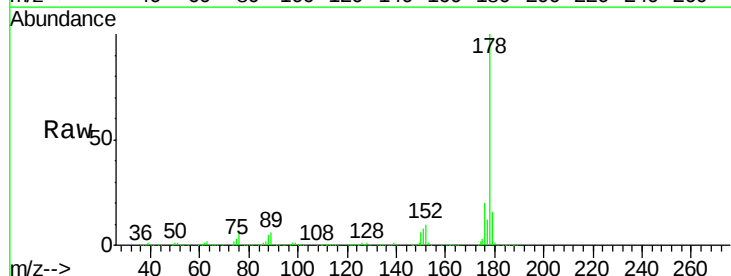
Manual Integrations
 APPROVED

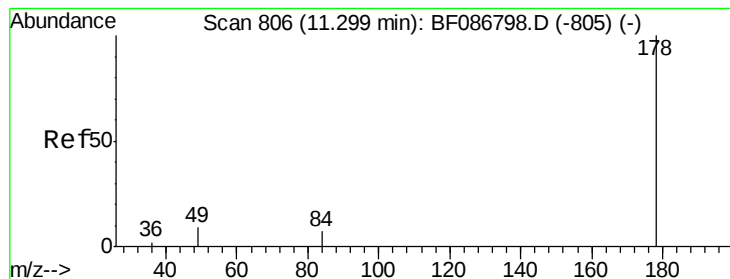
Sohil
 5/9/2016 7:17:25 PM



#70
 Phenanthrene
 Concen: 40.86 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1473234		
176	20.4	16.0	24.0	
179	15.6	12.6	18.8	





#71

Anthracene

Concen: 35.49 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1339890

Ion Ratio Lower Upper

178 100

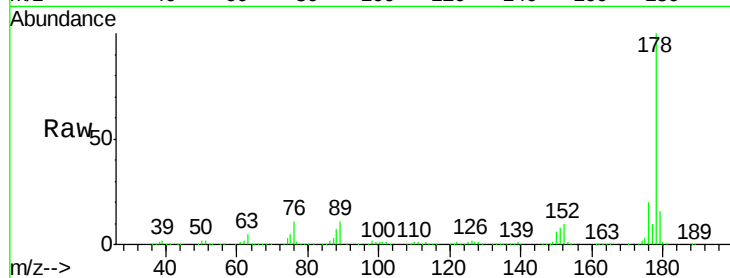
176 19.9 15.6 23.4

179 16.2 12.7 19.1

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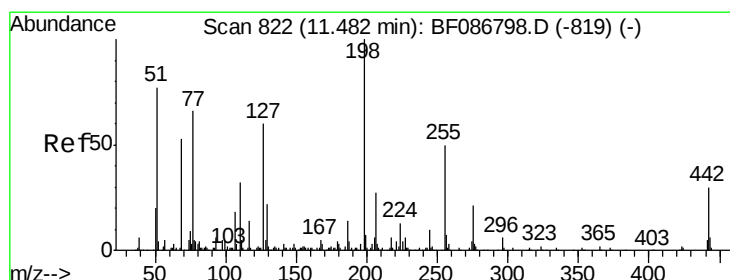
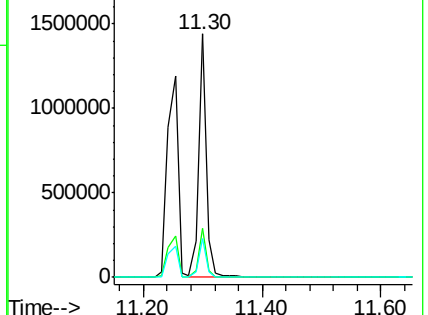
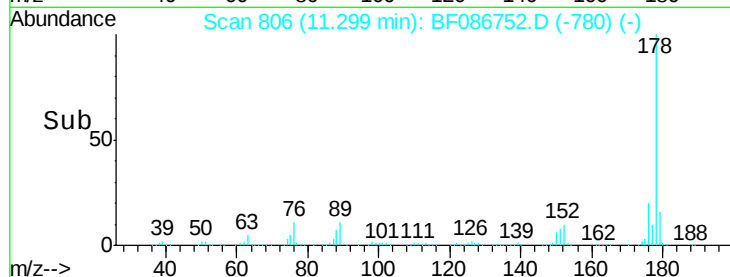
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.05 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

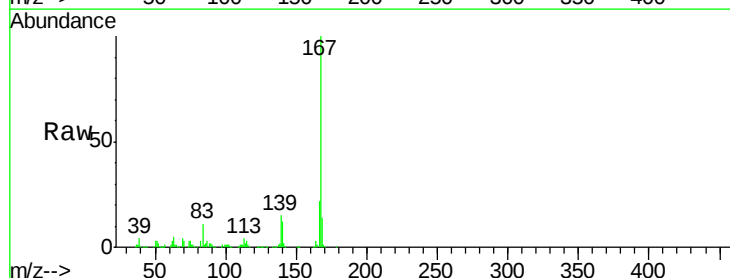
Tgt Ion:167 Resp: 1182228

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

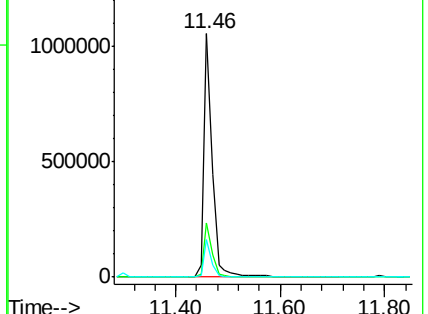
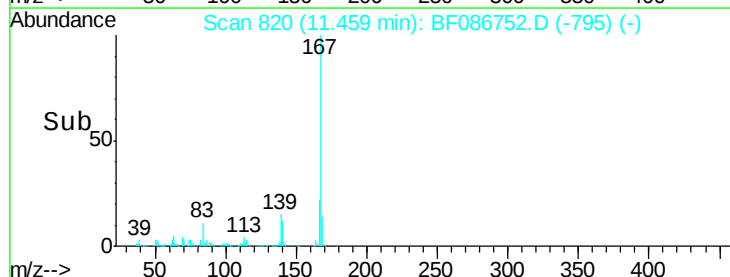
139 15.2 10.8 16.2

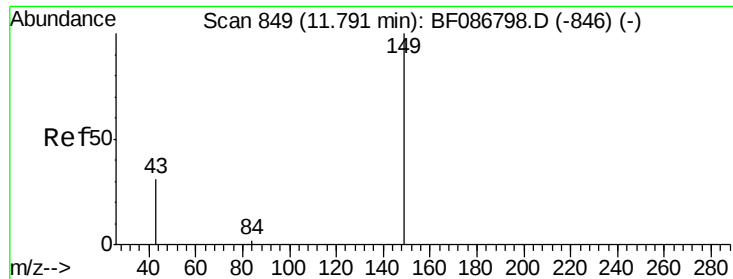


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.39 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1533192

Ion Ratio Lower Upper

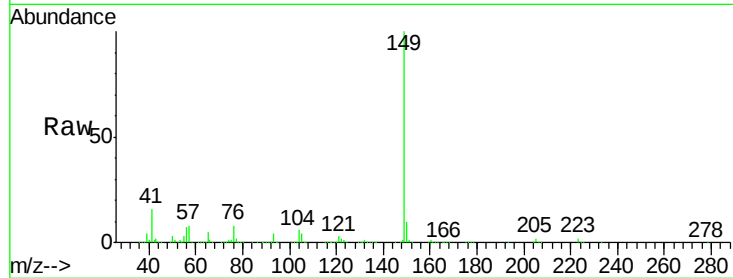
149 100

150 9.9 7.6 11.4

104 6.5 3.8 5.6#

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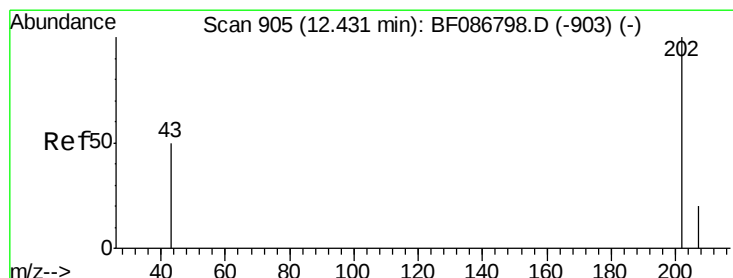
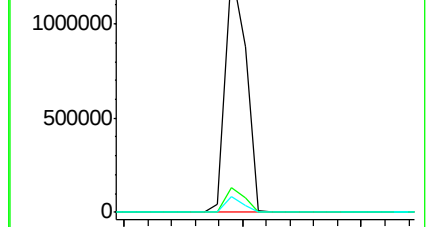
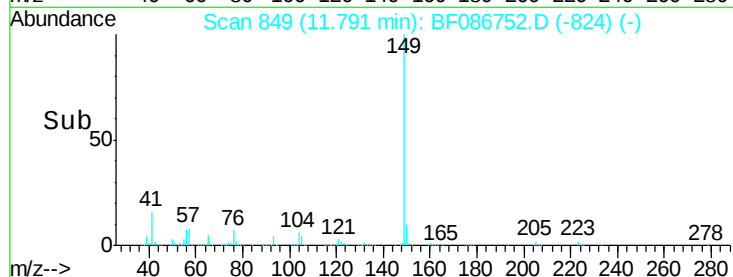
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.66 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

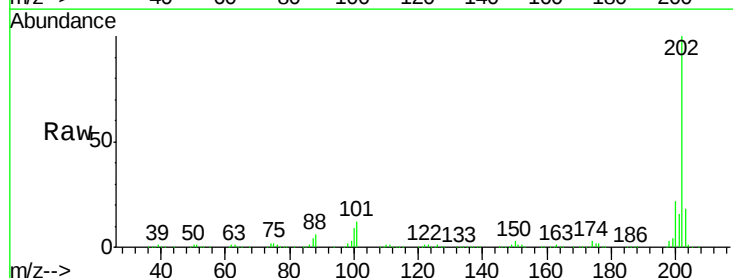
Tgt Ion:202 Resp: 1397104

Ion Ratio Lower Upper

202 100

101 12.1 0.0 35.4

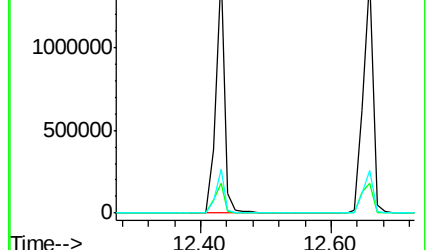
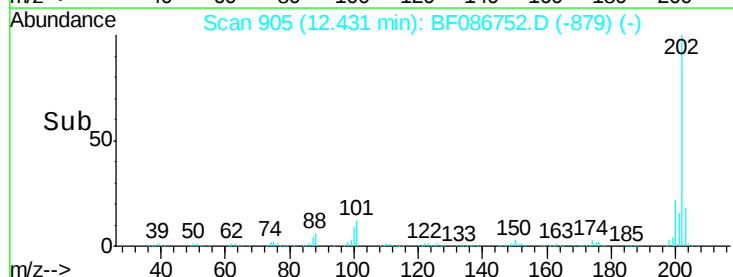
203 18.3 0.0 38.1

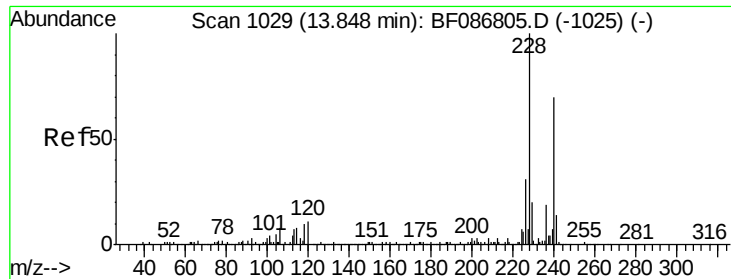


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

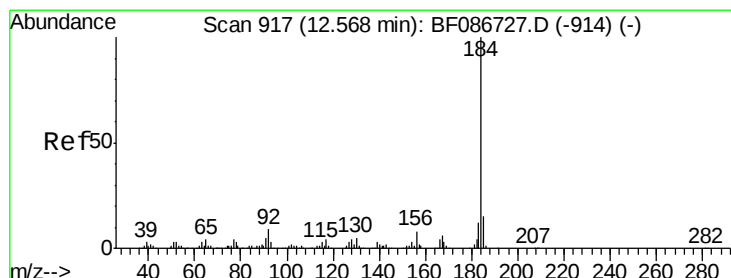
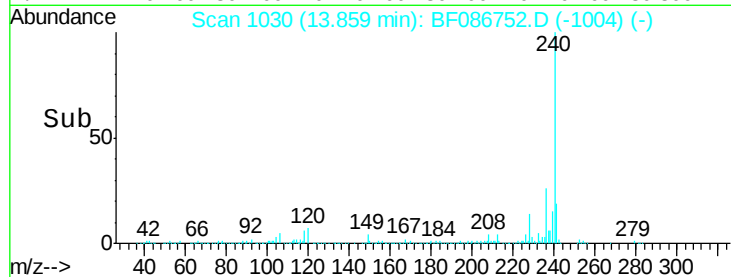
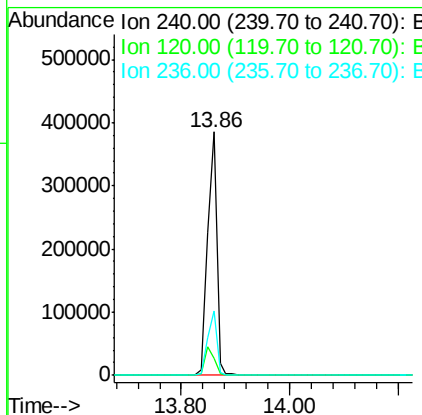
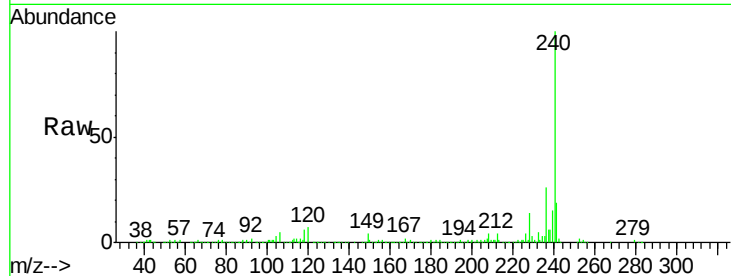
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	449923		
120	7.3	11.2	16.8#	
236	26.3	21.2	31.8	

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#76

Benzidine

Concen: 37.89 ng

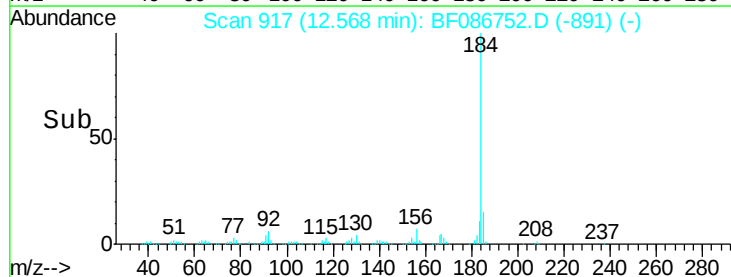
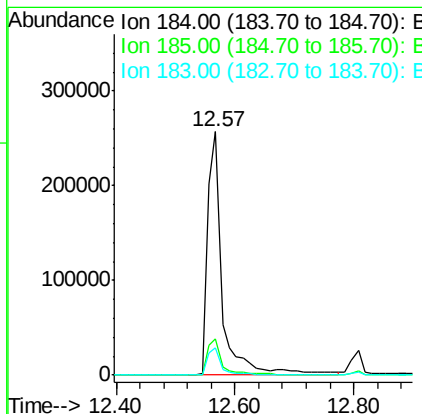
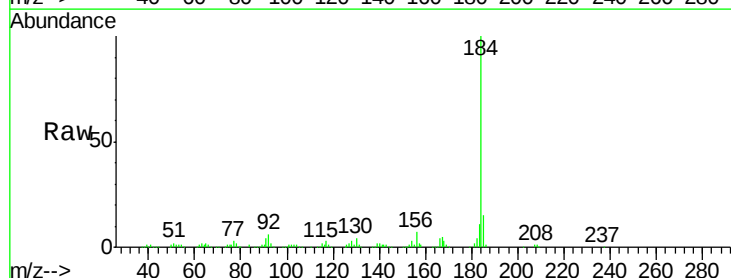
RT: 12.57 min Scan# 917

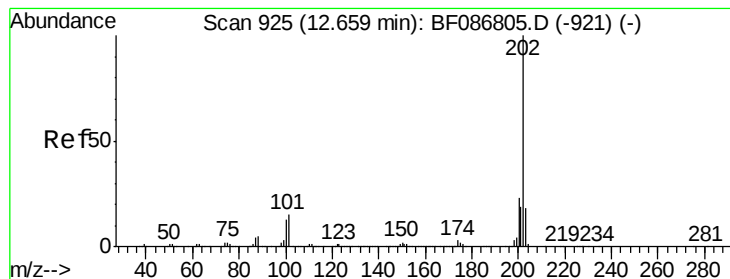
Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	445396		
185	14.8	13.6	20.4	
183	11.3	9.8	14.6	





#77

Pyrene

Concen: 40.79 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1463025

Ion Ratio Lower Upper

202 100

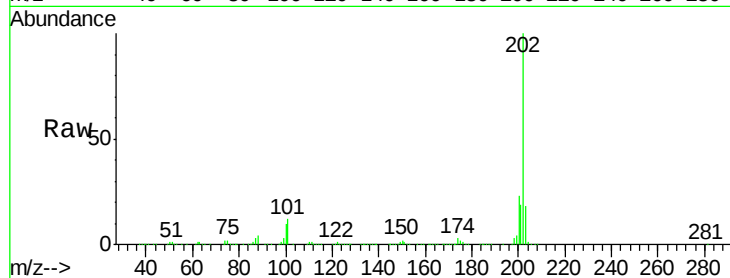
200 22.6 17.7 26.5

203 17.9 14.2 21.4

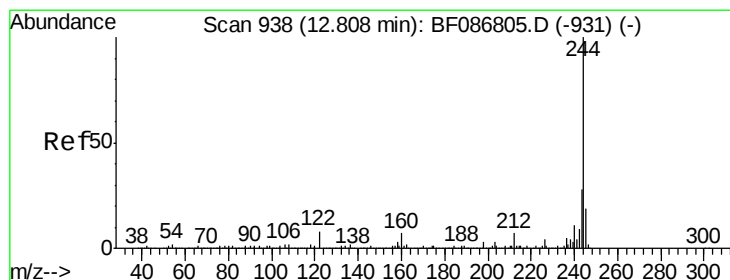
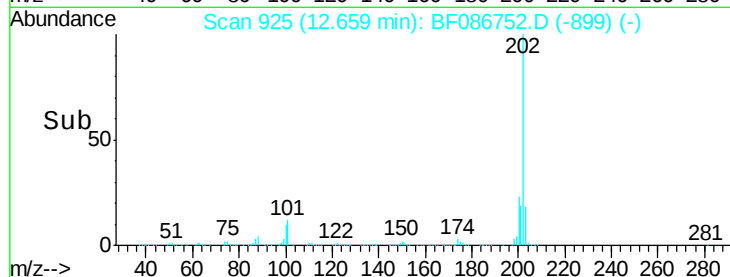
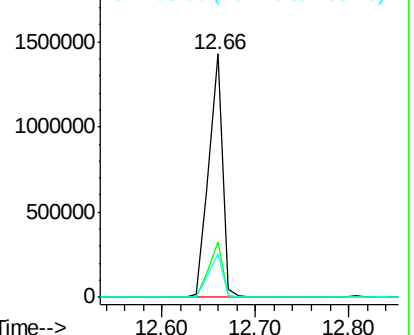
Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.49 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

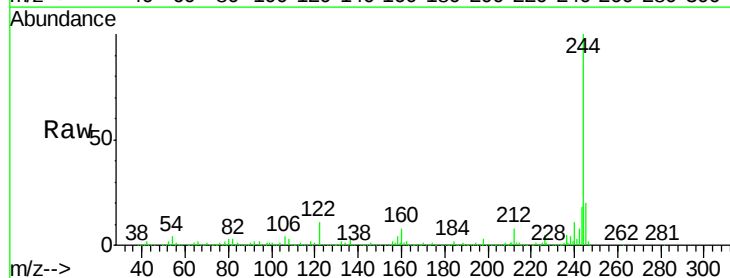
Tgt Ion:244 Resp: 1702846

Ion Ratio Lower Upper

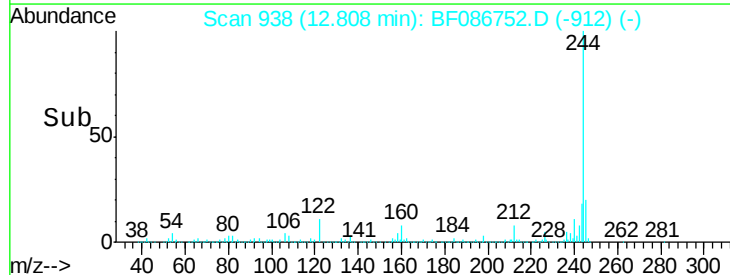
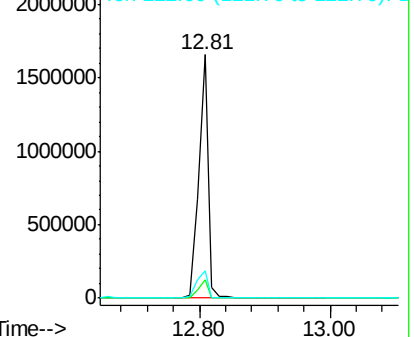
244 100

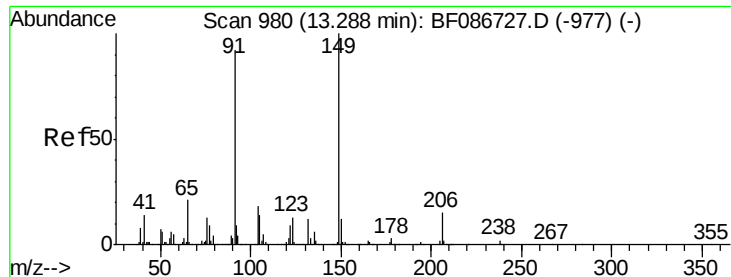
212 7.7 6.2 9.2

122 11.4 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





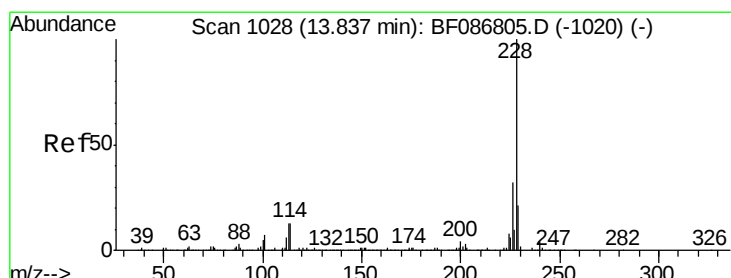
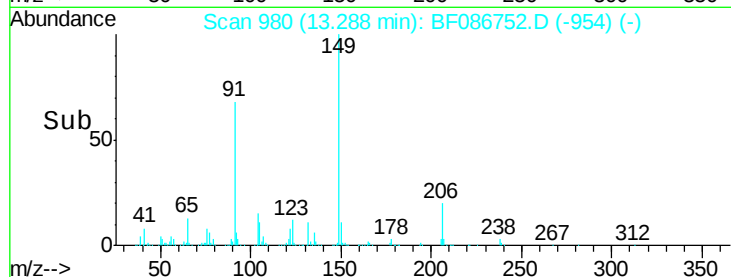
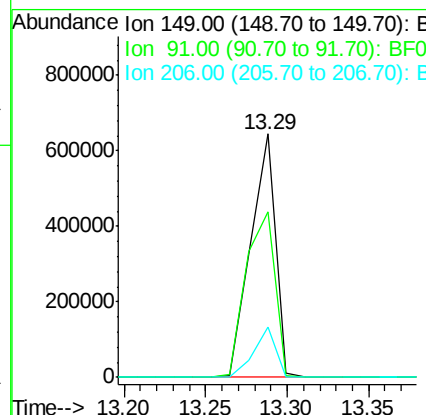
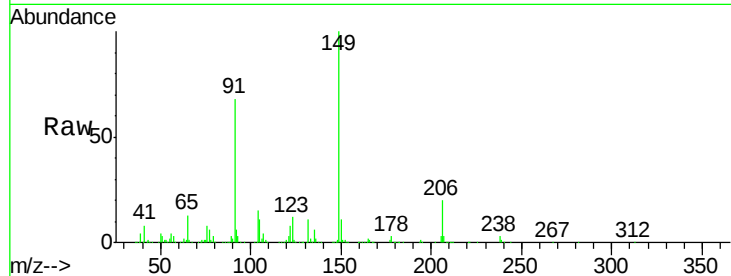
#79
Butylbenzylphthalate
Concen: 45.26 ng
RT: 13.29 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	679972		
91	67.9	48.0	72.0	
206	20.5	15.8	23.6	

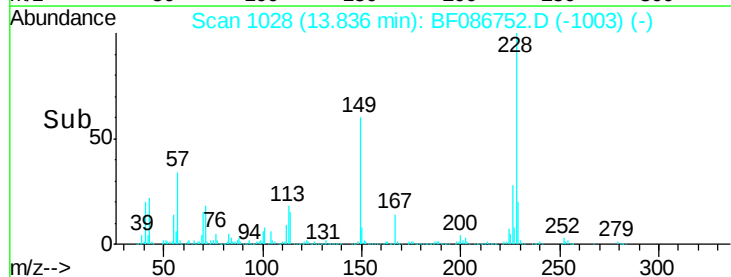
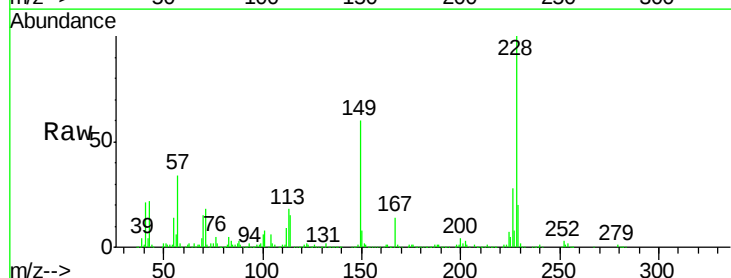
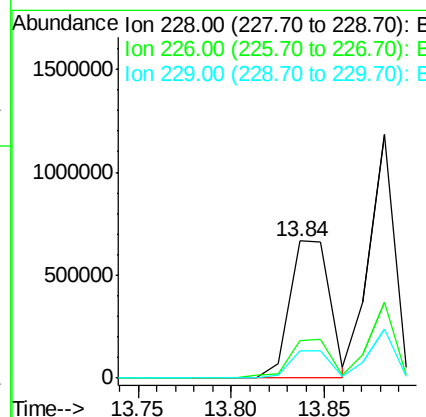
Manual Integrations
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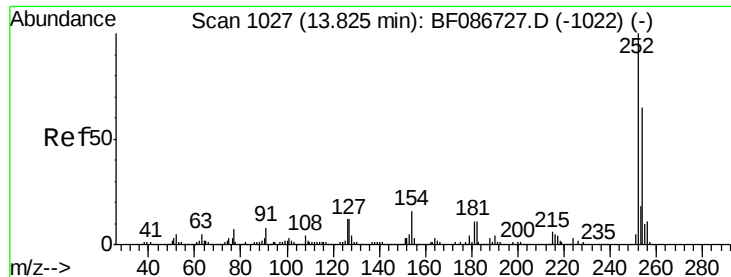
Sohil
5/9/2016 7:17:25 PM



#80
Benzo(a)anthracene
Concen: 39.11 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	995103		
226	27.6	22.5	33.7	
229	20.4	16.6	25.0	





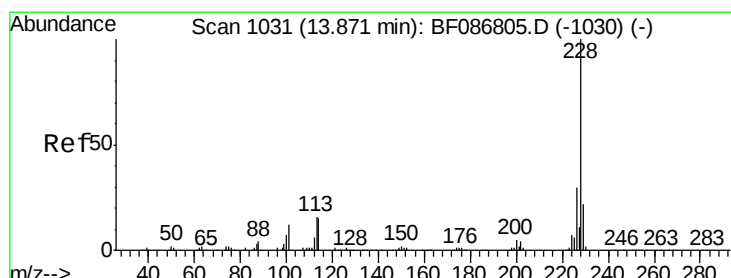
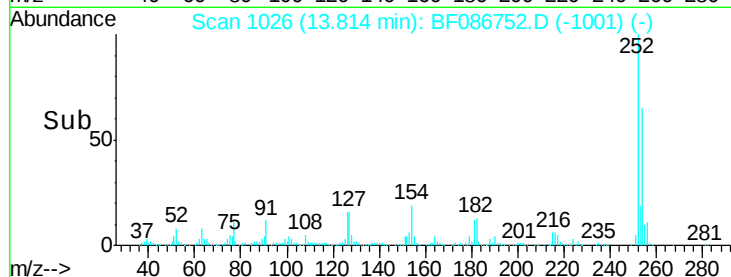
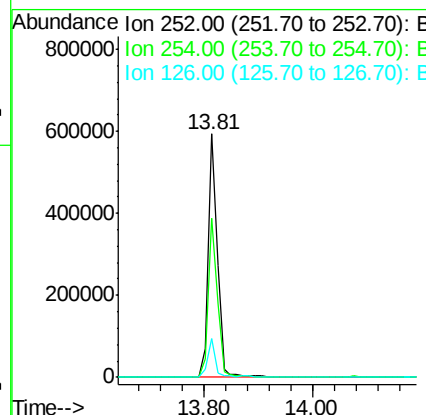
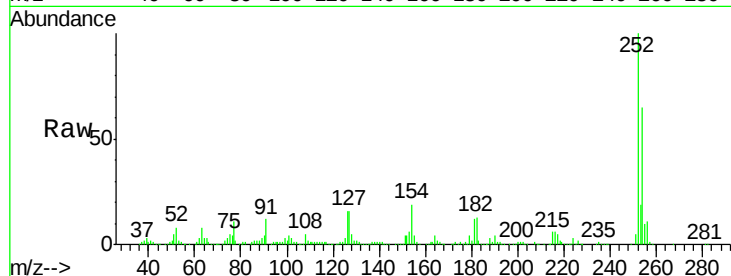
#81
 3,3'-Dichlorobenzidine
 Concen: 43.17 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.2	50.7	76.1
126	15.7	12.7	19.1

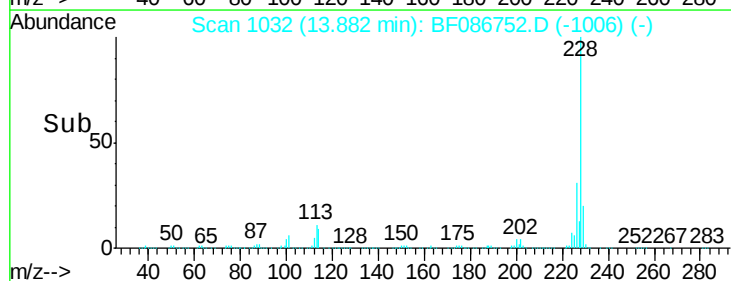
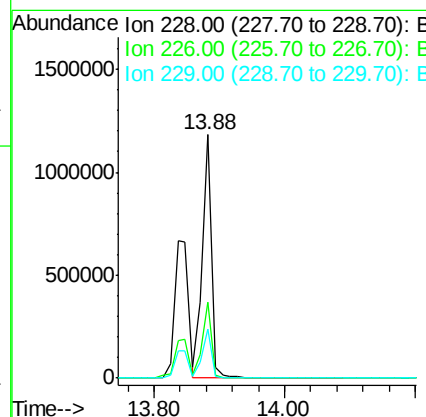
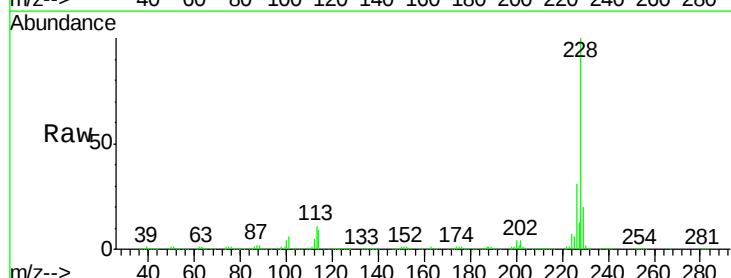
Manual Integrations
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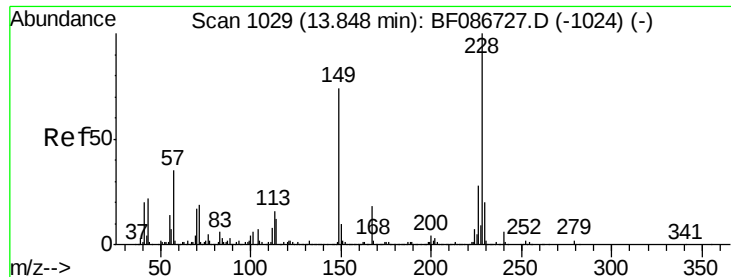
Sohil
 5/9/2016 7:17:25 PM



#82
 Chrysene
 Concen: 41.62 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.4	36.6
229	20.0	15.8	23.8





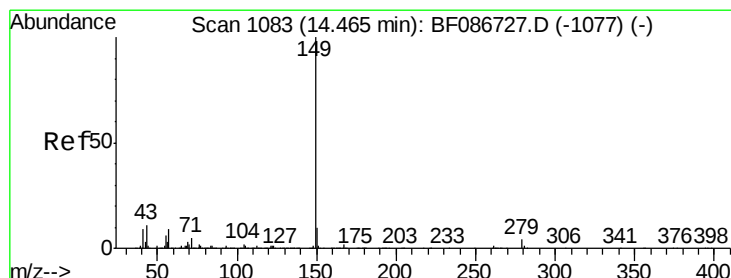
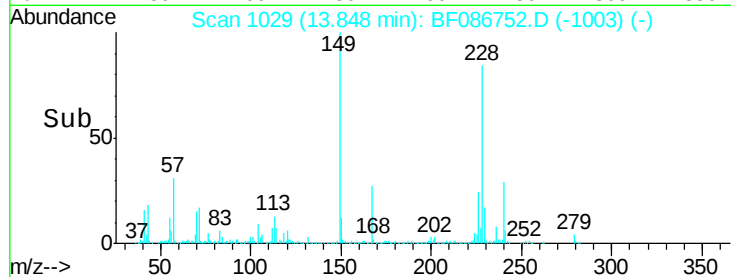
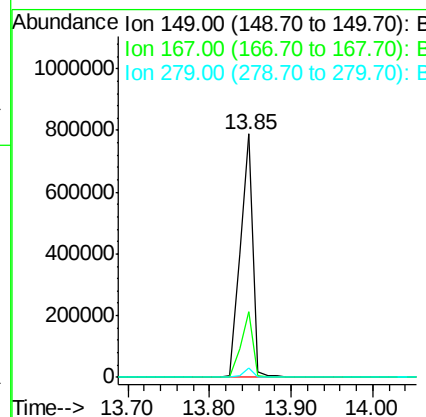
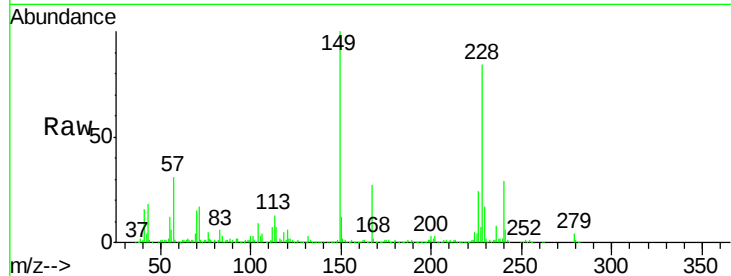
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.44 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	842244		
167	26.8	21.8	32.6	
279	4.1	2.6	4.0#	

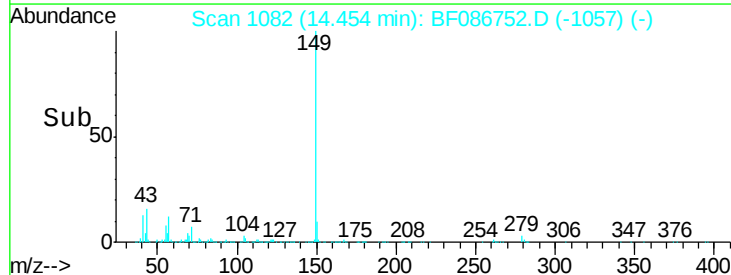
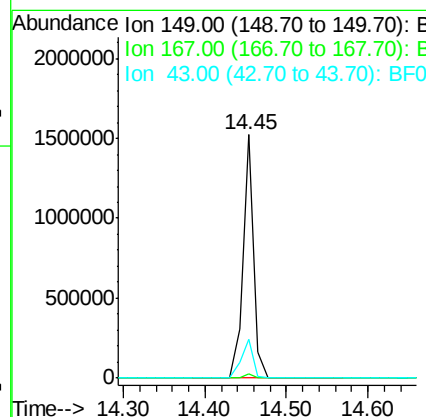
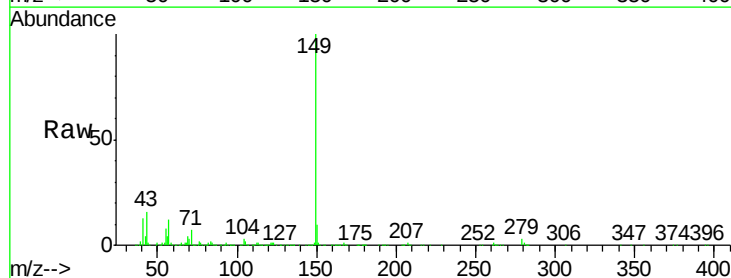
Manual Integrations
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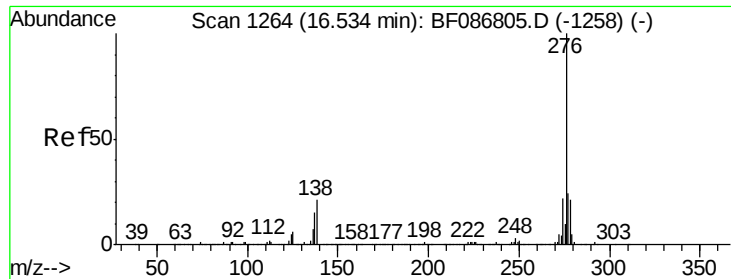
Sohil
 5/9/2016 7:17:25 PM



#84
 Di-n-octyl phthalate
 Concen: 53.97 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1380742		
167	1.5	1.2	1.8	
43	17.8	8.2	12.4#	





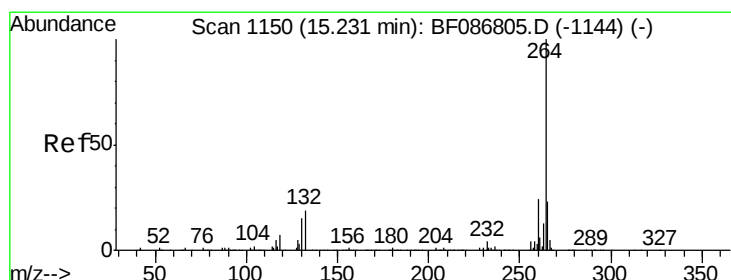
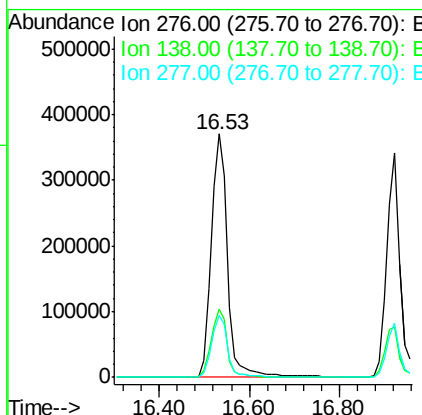
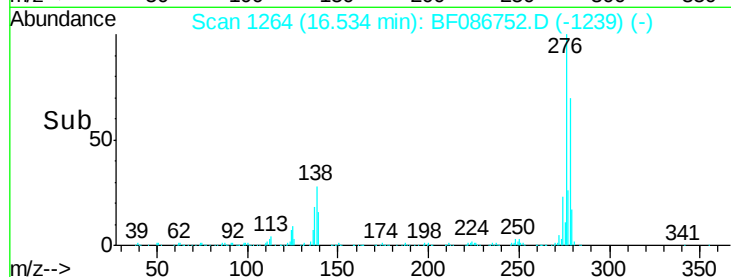
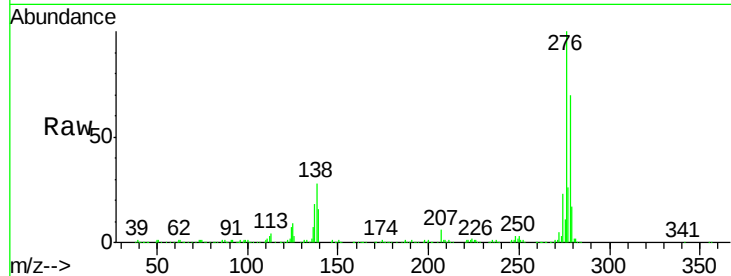
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.04 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.6	38.4
277	25.4	20.5	30.7

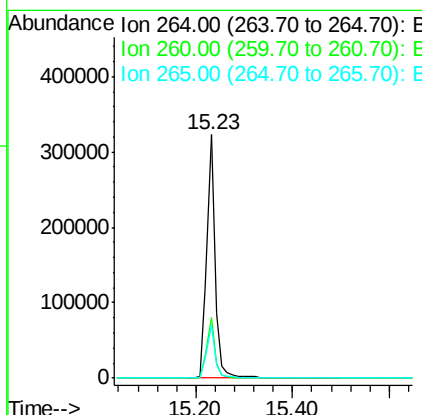
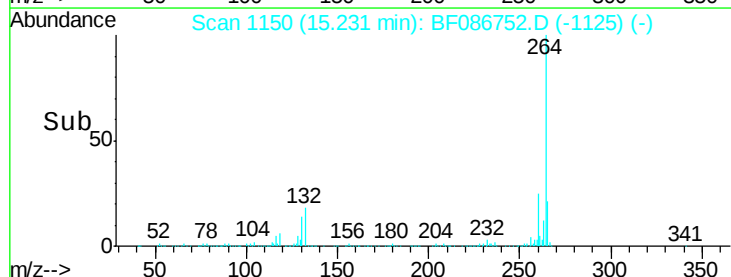
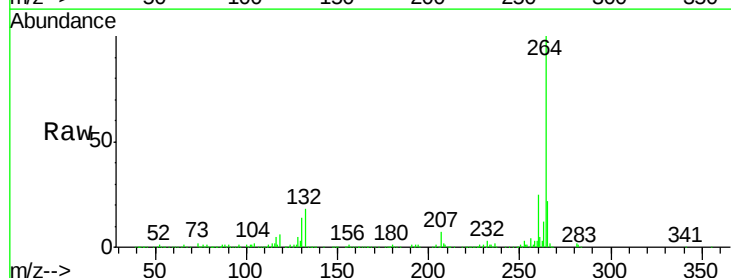
Manual Integrations
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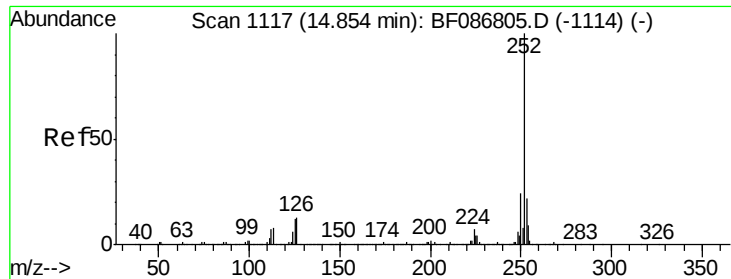
Sohil
 5/9/2016 7:17:25 PM



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF086752.D
 Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.6	17.3	25.9





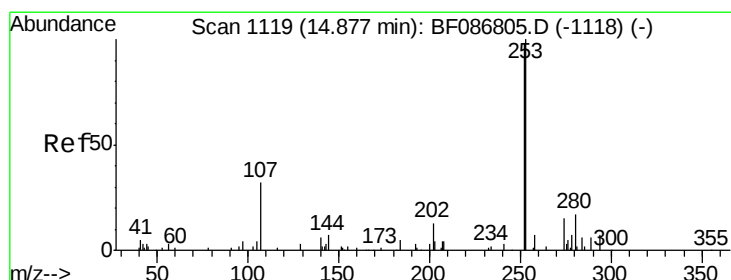
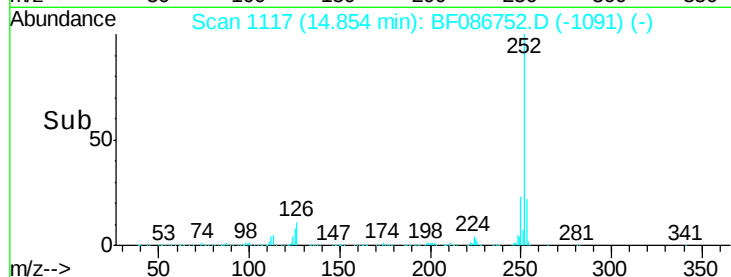
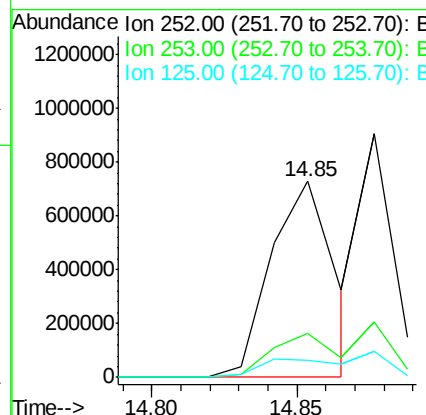
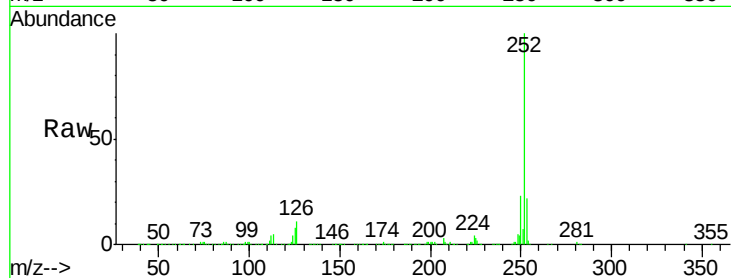
#87
Benzo(b)fluoranthene
Concen: 46.15 ng m
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.4	11.4	17.0

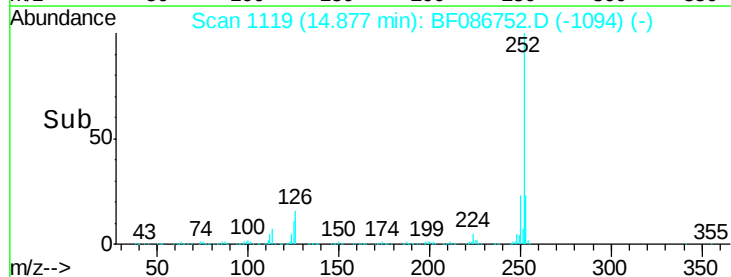
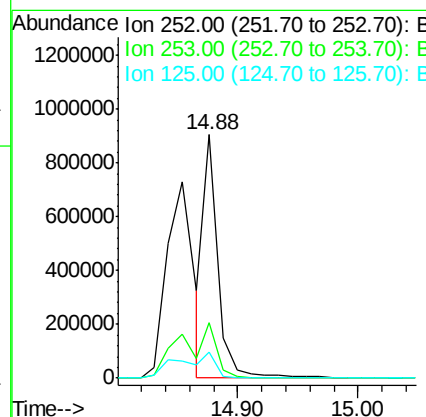
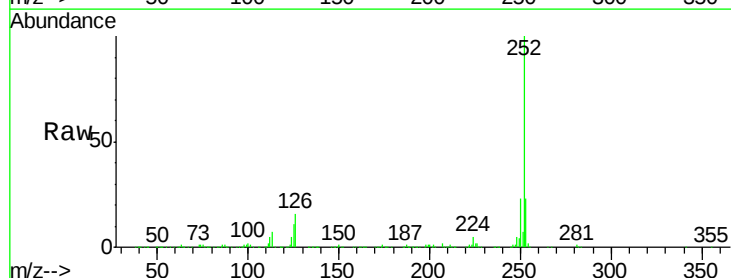
Manual Integrations
APPROVED

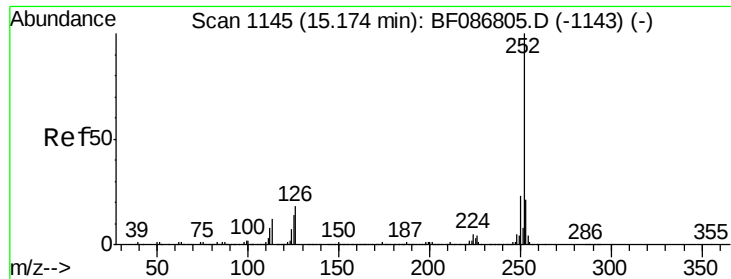
Sohil
5/9/2016 7:17:25 PM



#88
Benzo(k)fluoranthene
Concen: 35.16 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.6	9.1	13.7





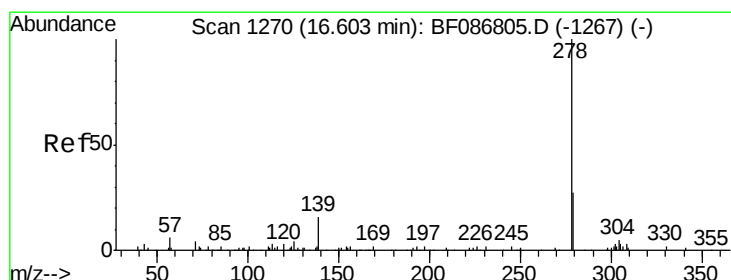
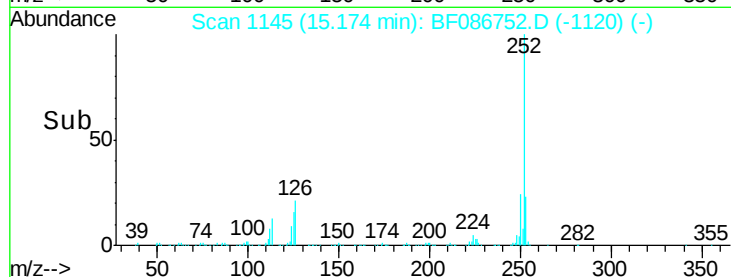
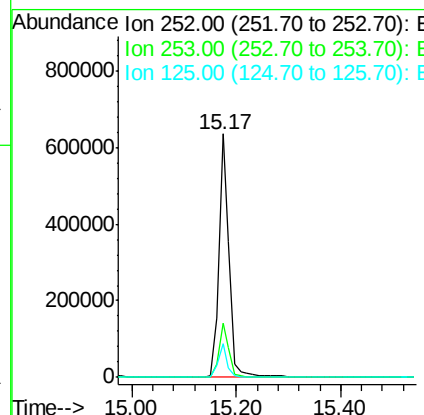
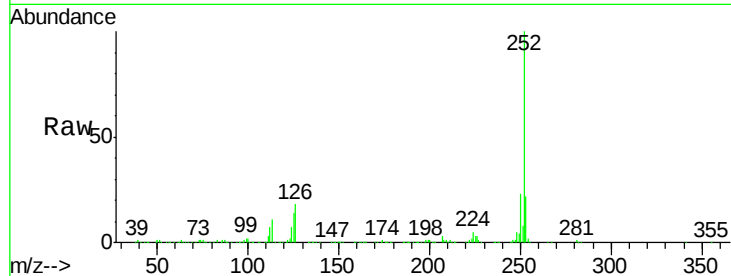
#89
Benzo(a)pyrene
Concen: 38.80 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	845139		
253	22.3	17.2	25.8	
125	13.8	9.0	13.6	

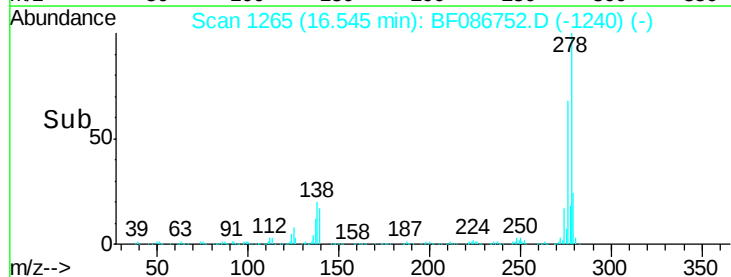
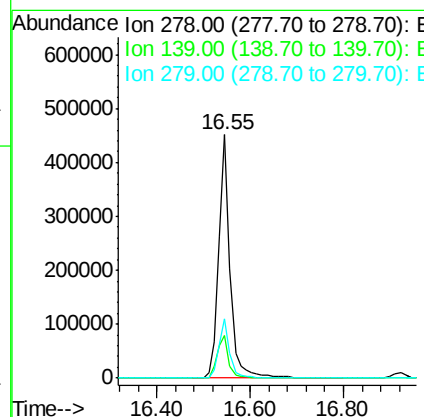
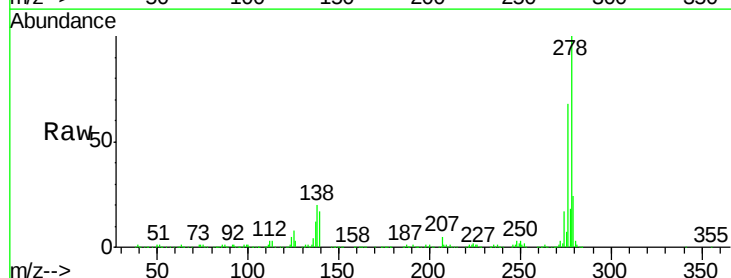
Manual Integrations
APPROVED

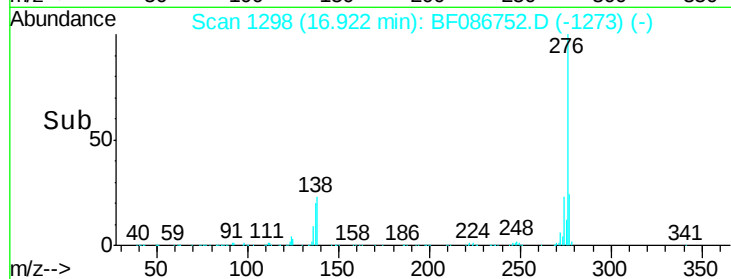
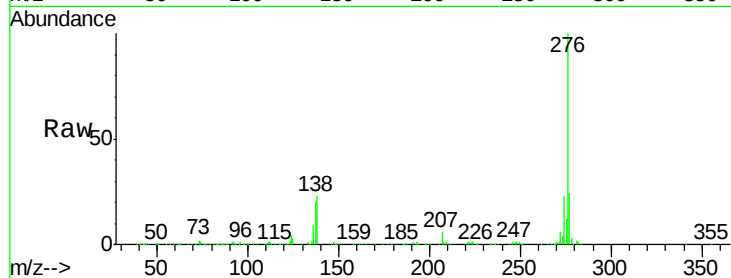
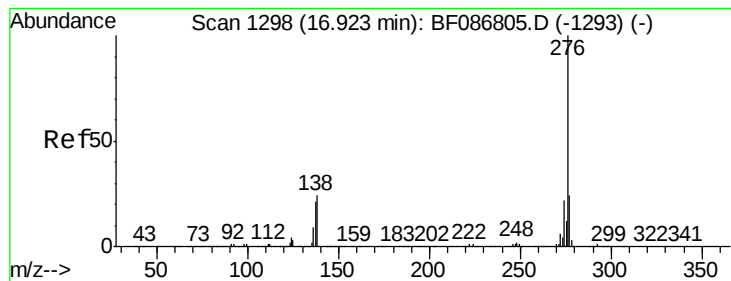
Sohil
5/9/2016 7:17:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.95 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF086752.D
Acq: 7 May 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	773175		
139	17.5	16.6	24.8	
279	24.2	19.6	29.4	





#91

Benzo(g,h,i)perylene

Concen: 34.41 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF086752.D

Acq: 7 May 2016 4:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 756000

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 22.6 23.6 35.4#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:17:25 PM

