

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086727.D
 Acq On : 6 May 2016 16:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:17:10 PM

Quant Time: May 07 03:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178841	40.00	ng	-0.03
21) Naphthalene-d8	8.00	136	721631	40.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	340078	40.00	ng	-0.03
63) Phenanthrene-d10	11.23	188	642252	40.00	ng	-0.02
75) Chrysene-d12	13.86	240	445094	40.00	ng	-0.02
86) Perylene-d12	15.24	264	358817	40.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	872417	80.76	ng	0.00
7) Phenol-d6	6.38	99	1088081	74.77	ng	0.01
23) Nitrobenzene-d5	7.29	82	1057255	75.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	299589	90.05	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1814576	87.47	ng	-0.02
78) Terphenyl-d14	12.81	244	1483147	67.34	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	207105	37.09	ng	# 75
3) Pyridine	3.08	79	471792m	34.46	ng	
4) n-Nitrosodimethylamine	2.90	42	338470	40.76	ng	# 52
6) Aniline	6.38	93	612754	34.12	ng	# 65
8) 2-Chlorophenol	6.50	128	496932	38.33	ng	# 79
9) Benzaldehyde	6.27	77	270364	37.24	ng	92
10) Phenol	6.40	94	653116	41.02	ng	75
11) bis(2-Chloroethyl)ether	6.46	93	497998	36.34	ng	98
12) 1,3-Dichlorobenzene	6.65	146	533921	38.79	ng	# 93
13) 1,4-Dichlorobenzene	6.73	146	546051	38.37	ng	95
14) 1,2-Dichlorobenzene	6.88	146	456955	36.87	ng	94
15) Benzyl Alcohol	6.88	79	389009	41.32	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.00	45	999762	35.68	ng	67
17) 2-Methylphenol	7.00	107	394798	37.82	ng	# 81
18) Hexachloroethane	7.22	117	214040	39.83	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	353358	35.54	ng	# 68
20) 3+4-Methylphenols	7.15	107	486991	39.85	ng	# 82
22) Acetophenone	7.14	105	703989	41.87	ng	# 96
24) Nitrobenzene	7.31	77	636946	43.87	ng	92
25) Isophorone	7.56	82	1051324	40.20	ng	98
26) 2-Nitrophenol	7.62	139	252177	38.93	ng	# 68
27) 2,4-Dimethylphenol	7.68	122	436025	38.33	ng	90
28) bis(2-Chloroethoxy)methane	7.77	93	623430	43.31	ng	99
29) 2,4-Dichlorophenol	7.87	162	403262	41.23	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	430110	39.42	ng	96
31) Naphthalene	8.02	128	1360915	36.91	ng	99
32) Benzoic acid	7.85	122	364877	76.22	ng	# 83
33) 4-Chloroaniline	8.09	127	537348	37.62	ng	99
34) Hexachlorobutadiene	8.13	225	245535	39.64	ng	97
35) Caprolactam	8.52	113	148167	48.95	ng	# 83
36) 4-Chloro-3-methylphenol	8.58	107	415387	37.23	ng	90
37) 2-Methylnaphthalene	8.72	142	896839	41.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	416891	42.35	ng	97
40) Hexachlorocyclopentadiene	8.86	237	252247	57.48	ng	94

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Quant Time: May 07 03:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	297184	47.48	ng	93
43) 2,4,5-Trichlorophenol	9.05	196	291419	44.56	ng	94
45) 1,1'-Biphenyl	9.17	154	1118790	40.24	ng	96
46) 2-Chloronaphthalene	9.20	162	830946	38.73	ng	93
47) 2-Nitroaniline	9.31	65	330395	43.31	ng	84
48) Acenaphthylene	9.61	152	1274049	40.00	ng	98
49) Dimethylphthalate	9.49	163	989126	39.02	ng	99
50) 2,6-Dinitrotoluene	9.55	165	228423	41.98	ng	# 89
51) Acenaphthene	9.78	154	774099	36.84	ng	98
52) 3-Nitroaniline	9.72	138	211997	34.28	ng	83
53) 2,4-Dinitrophenol	9.82	184	132122	66.60	ng	# 81
54) Dibenzofuran	9.95	168	1032605	39.65	ng	91
55) 4-Nitrophenol	9.90	139	150048	41.61	ng	# 60
56) 2,4-Dinitrotoluene	9.95	165	248704	36.89	ng	# 69
57) Fluorene	10.29	166	785414	37.21	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	206295	42.95	ng	97
59) Diethylphthalate	10.19	149	1068744	44.54	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	433793	43.23	ng	91
61) 4-Nitroaniline	10.34	138	206308m	34.71	ng	
62) Azobenzene	10.45	77	1147472	43.15	ng	88
64) 4,6-Dinitro-2-methylphenol	10.36	198	192900	56.07	ng	88
65) n-Nitrosodiphenylamine	10.42	169	815061	39.97	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	253031	39.65	ng	# 74
67) Hexachlorobenzene	10.84	284	314491	40.41	ng	# 92
68) Atrazine	10.96	200	249314	39.89	ng	94
69) Pentachlorophenol	11.04	266	180964	50.25	ng	96
70) Phenanthrene	11.25	178	1295589	37.56	ng	99
71) Anthracene	11.30	178	1331009	36.84	ng	100
72) Carbazole	11.47	167	1237254	39.44	ng	100
73) Di-n-butylphthalate	11.80	149	1442126	38.72	ng	# 98
74) Fluoranthene	12.43	202	1241639	35.91	ng	100
76) Benzidine	12.57	184	442041	37.99	ng	96
77) Pyrene	12.66	202	1214913	34.24	ng	99
79) Butylbenzylphthalate	13.29	149	568605	38.26	ng	# 66
80) Benzo(a)anthracene	13.85	228	997493	39.63	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	762040	48.17	ng	# 96
82) Chrysene	13.88	228	968052	36.05	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	702165	40.82	ng	# 94
84) Di-n-octyl phthalate	14.47	149	1225539	48.42	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.55	276	773591	33.57	ng	95
87) Benzo(b)fluoranthene	14.85	252	811113m	37.62	ng	
88) Benzo(k)fluoranthene	14.89	252	905881m	44.59	ng	
89) Benzo(a)pyrene	15.19	252	771488	38.85	ng	98
90) Dibenzo(a,h)anthracene	16.56	278	646442	33.88	ng	95
91) Benzo(g,h,i)perylene	16.93	276	657557	32.83	ng	93

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

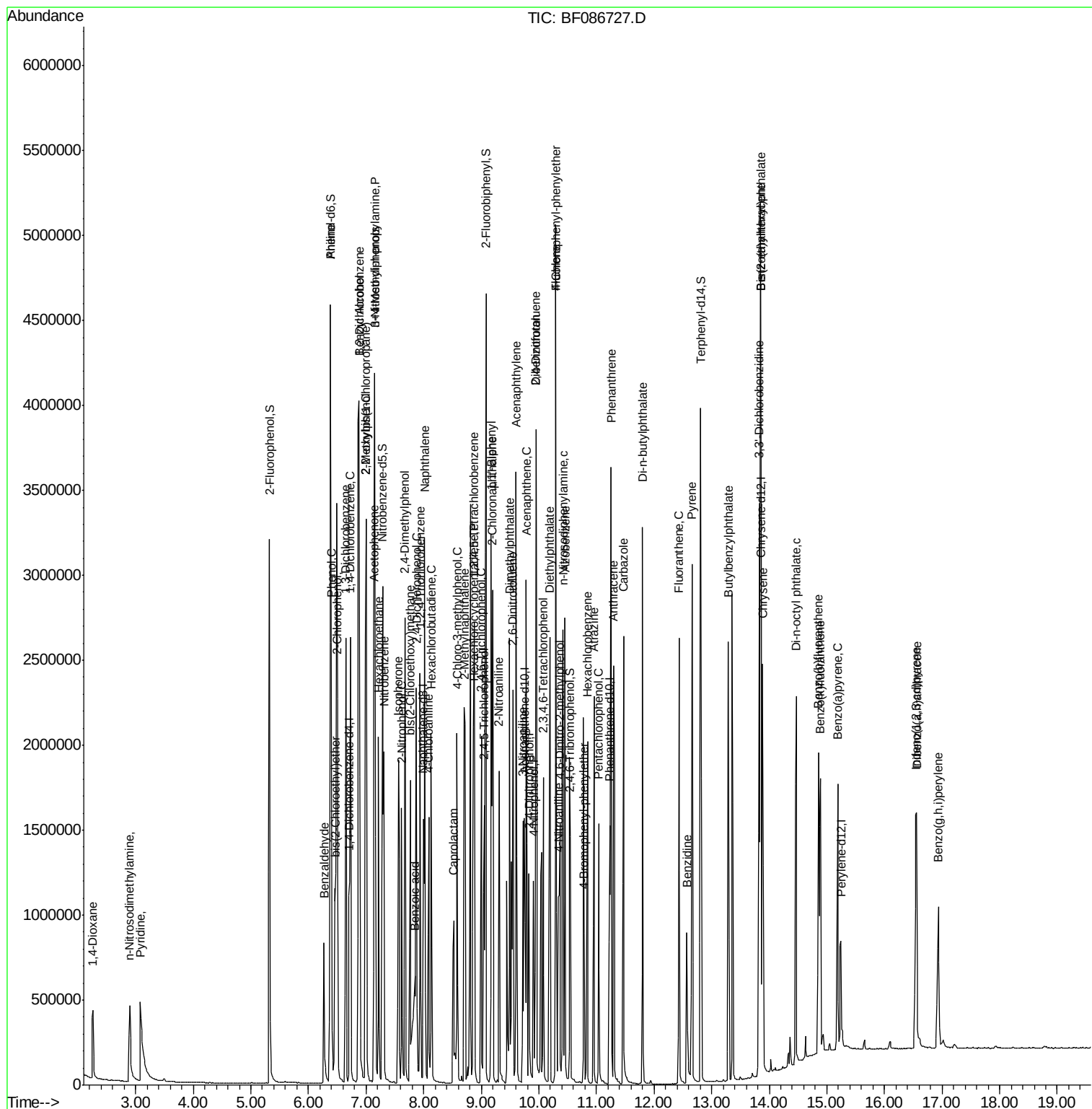
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\  
Data File : BF086727.D  
Acq On    : 6 May 2016 16:42  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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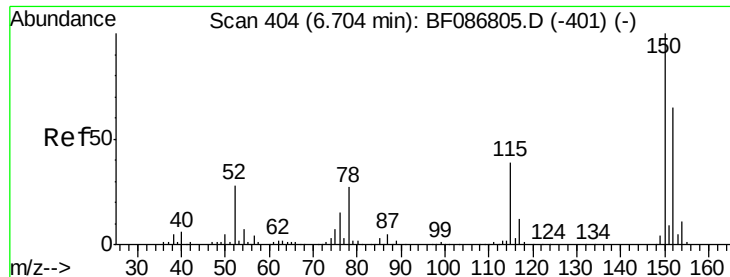
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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#1

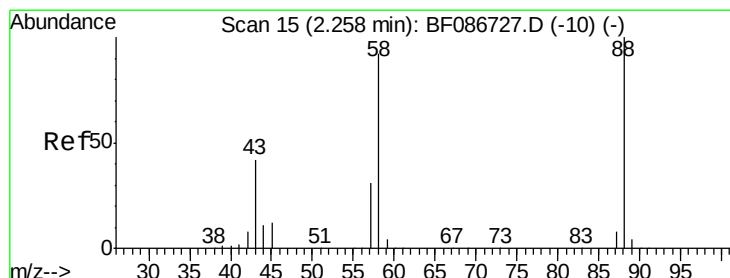
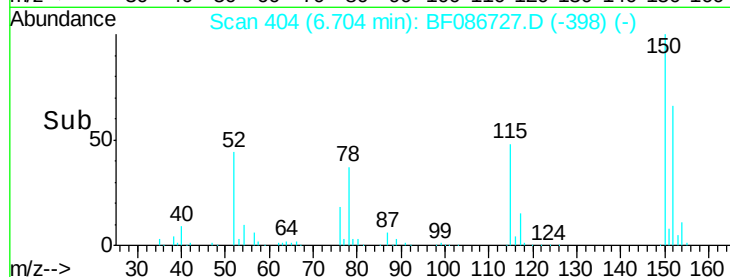
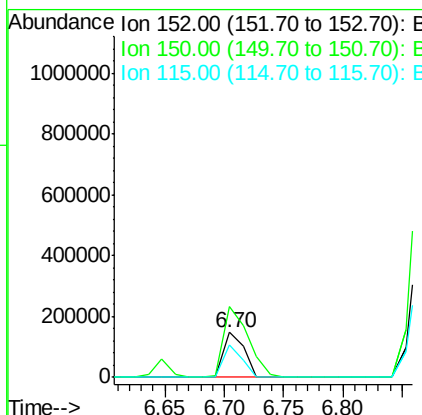
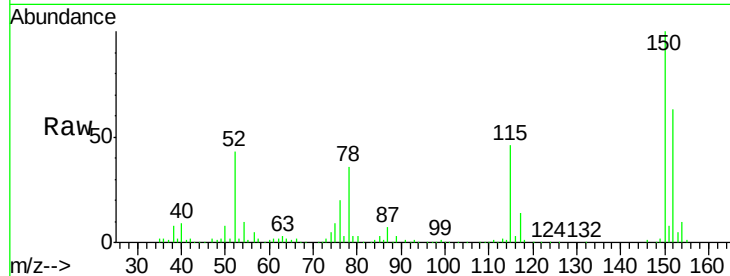
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.8	188.6
115	72.3	51.5	77.3

Manual Integrations
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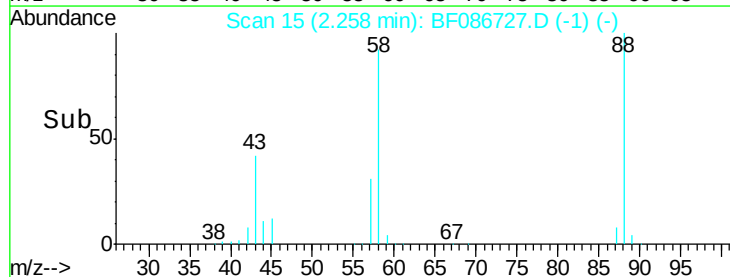
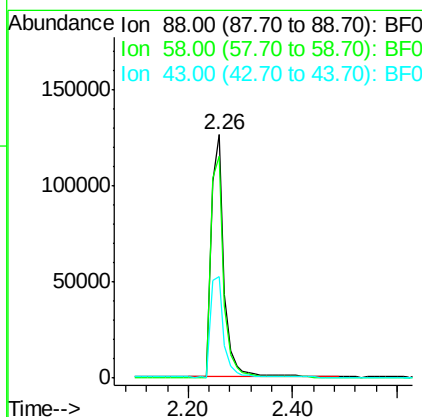
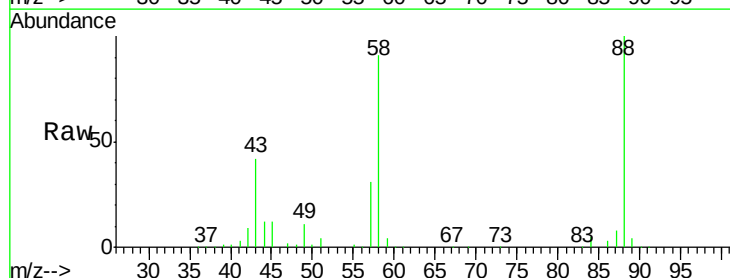
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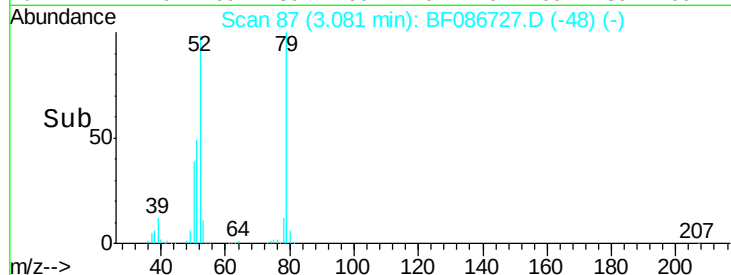
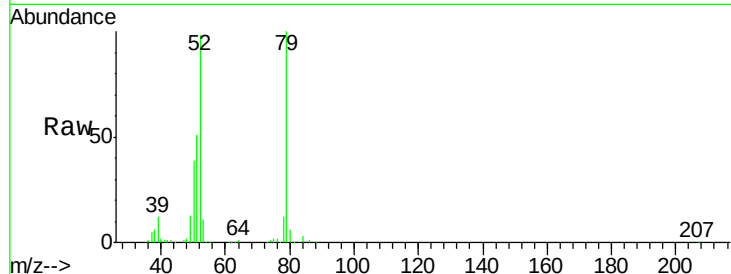
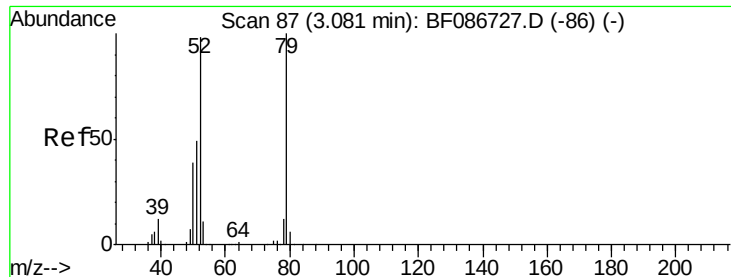


#2

1,4-Dioxane
Concen: 37.09 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	59.6	89.4#
43	43.1	21.8	32.6#





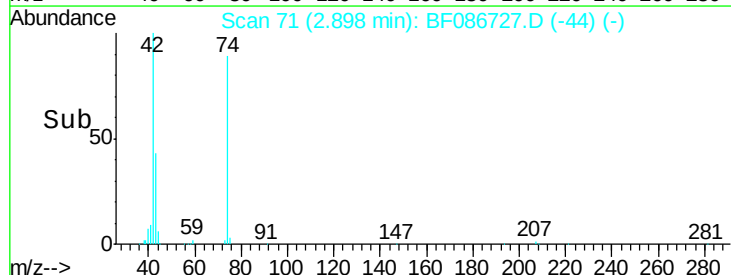
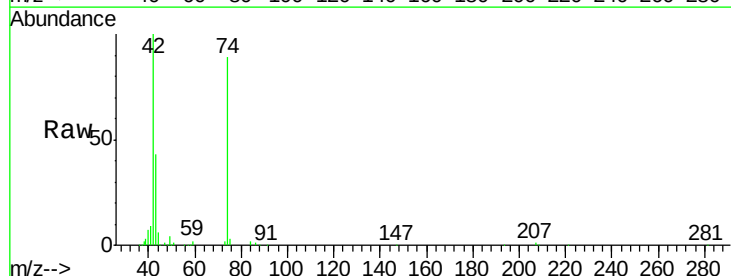
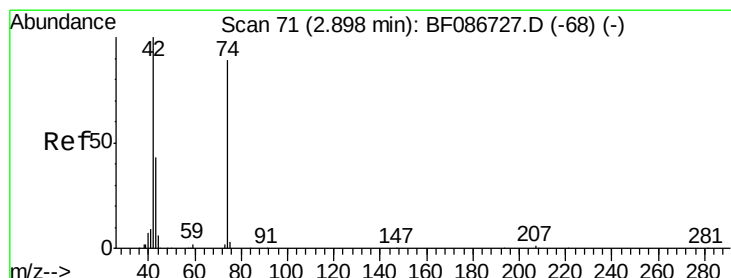
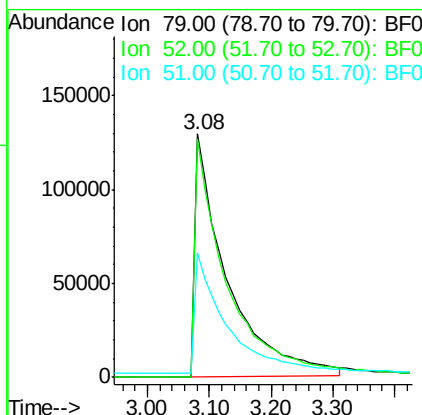
#3
 Pyridine
 Concen: 34.46 ng m
 RT: 3.08 min Scan# 87
 Delta R.T. 0.15 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
79	100		
52	98.1	55.9	83.9#
51	51.0	28.1	42.1#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

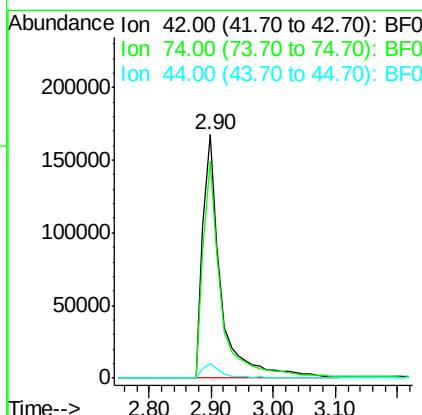
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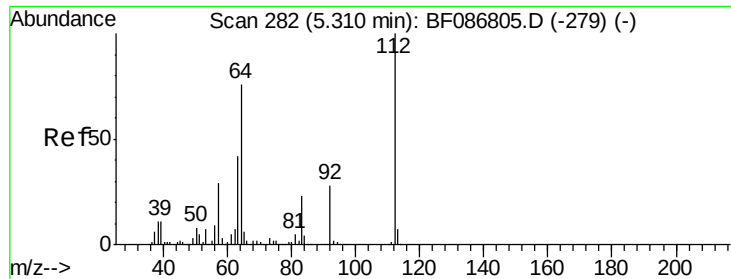
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#4
 n-Nitrosodimethylamine
 Concen: 40.76 ng
 RT: 2.90 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.2	123.4	185.0#
44	5.9	5.8	8.6





#5

2-Fluorophenol

Concen: 80.76 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086727.D

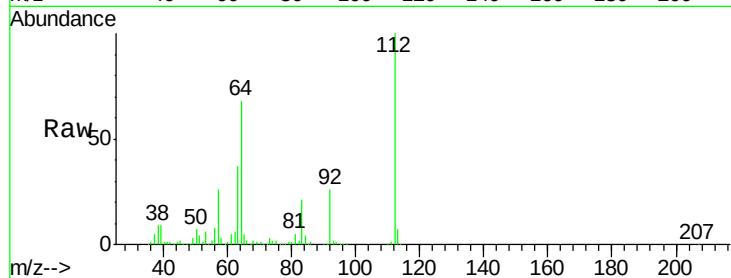
Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

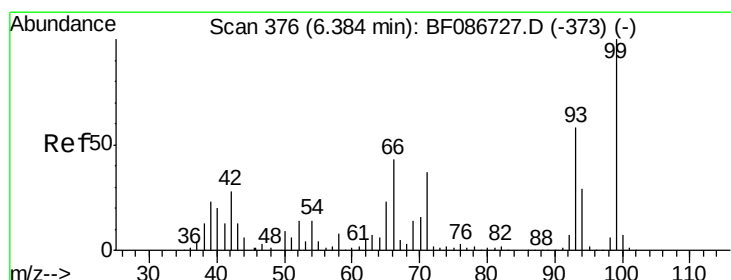
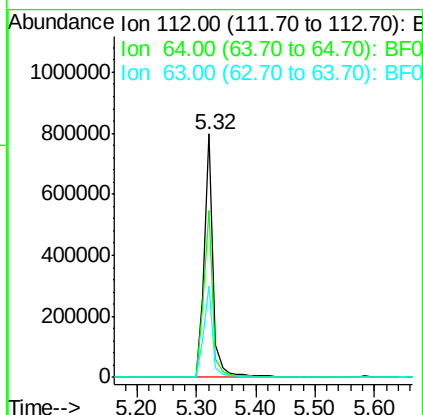
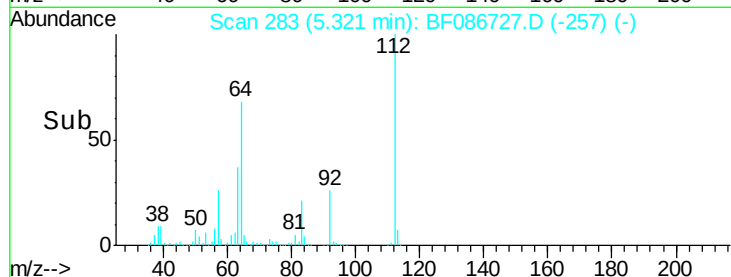
SSTDCCC040



Tgt Ion:	112	Resp:	872417
Ion Ratio	Lower	Upper	
112	100		
64	68.3	52.1	78.1
63	37.5	25.7	38.5

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#6

Aniline

Concen: 34.12 ng

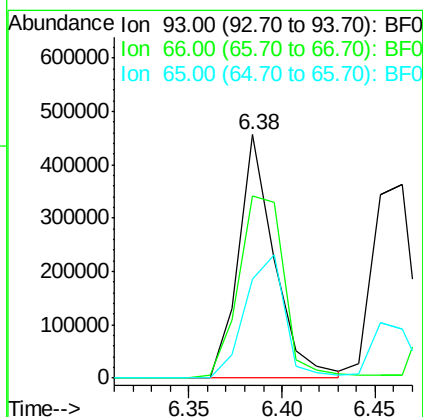
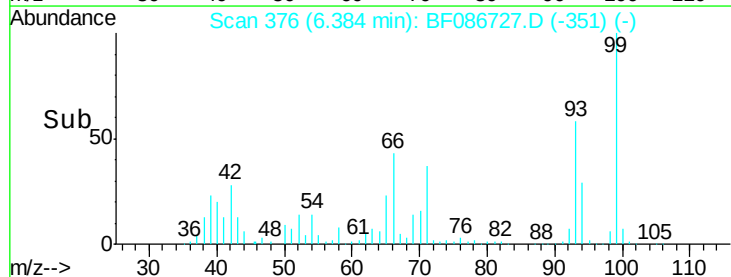
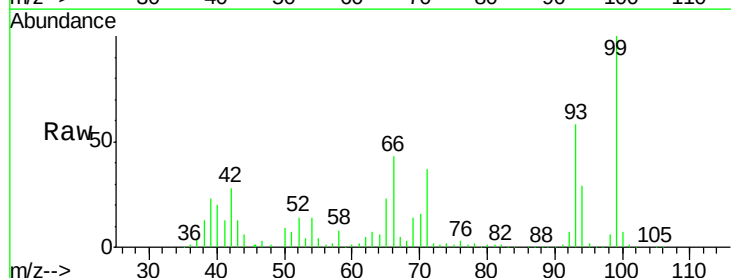
RT: 6.38 min Scan# 376

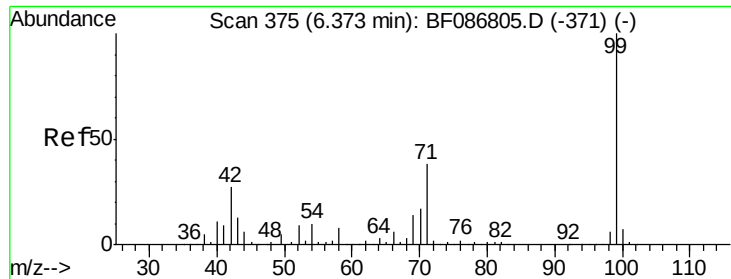
Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion:	93	Resp:	612754
Ion Ratio	Lower	Upper	
93	100		
66	74.8	39.0	58.6#
65	40.6	20.6	31.0#





#7

Phenol-d6

Concen: 74.77 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 99 Resp: 1088081

Ion Ratio Lower Upper

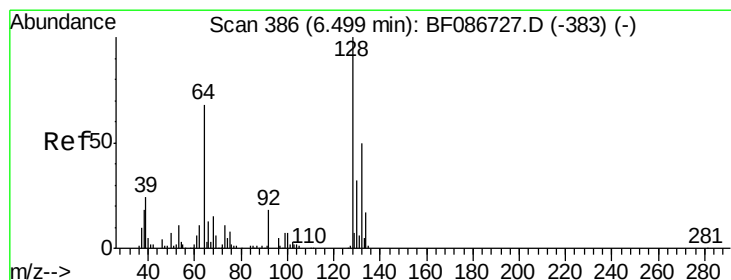
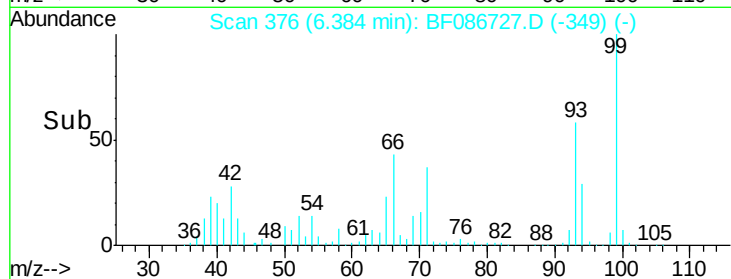
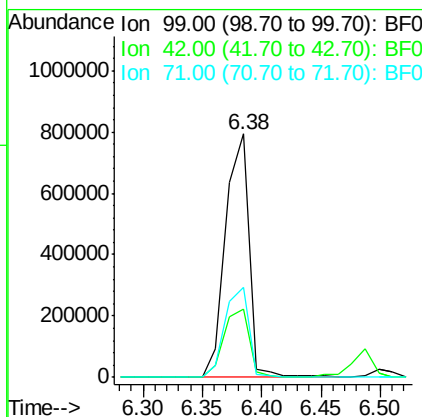
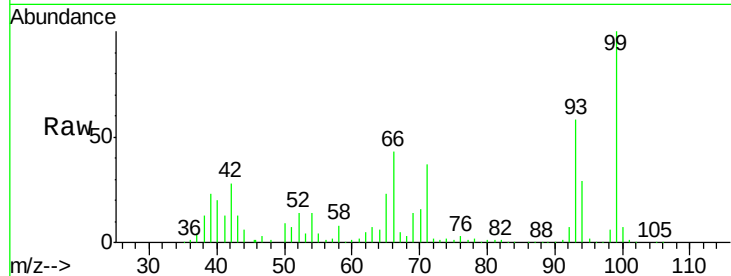
99 100

42 27.9 13.6 20.4#

71 37.2 24.6 36.8#

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.33 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

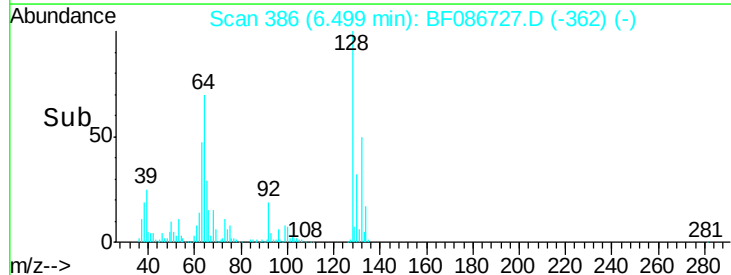
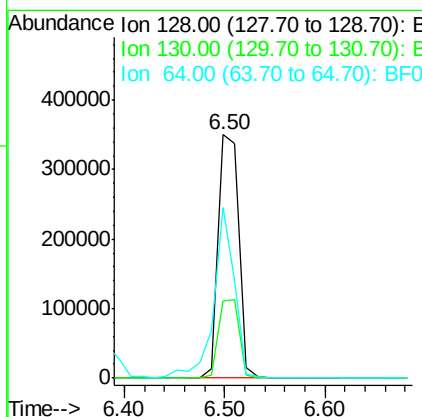
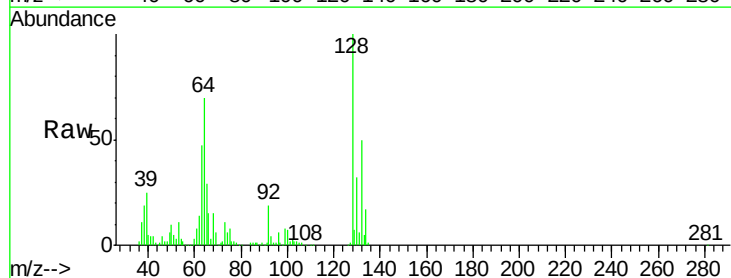
Tgt Ion: 128 Resp: 496932

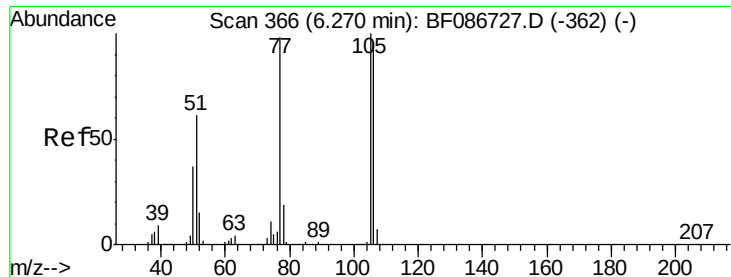
Ion Ratio Lower Upper

128 100

130 31.6 12.5 52.5

64 70.3 27.3 67.3#





#9

Benzaldehyde

Concen: 37.24 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

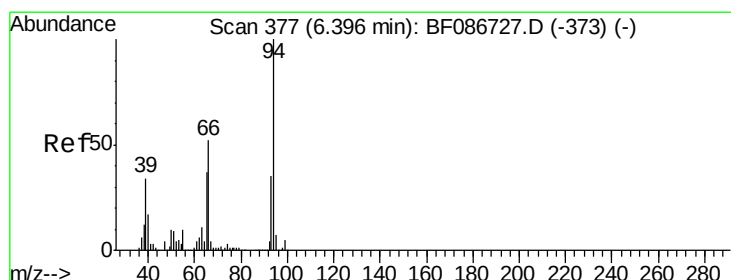
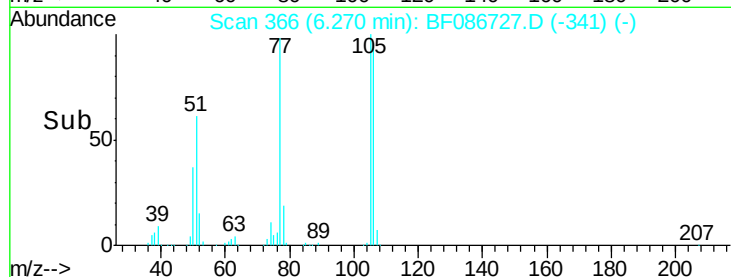
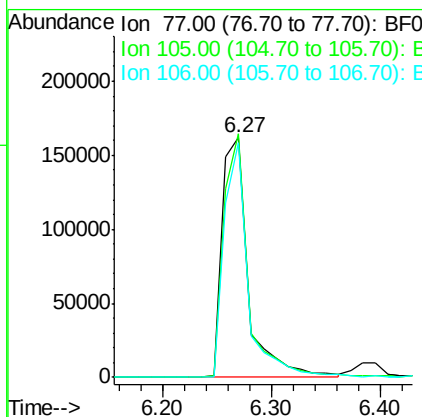
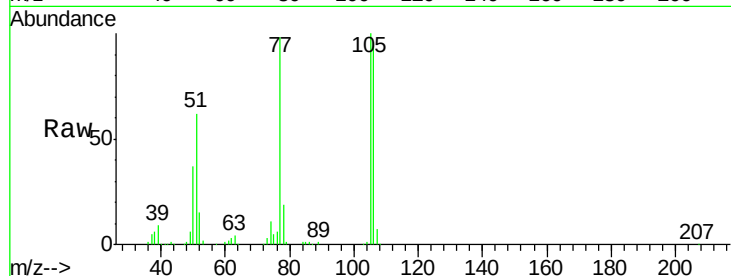
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.6	72.7	112.7
106	97.7	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 41.02 ng

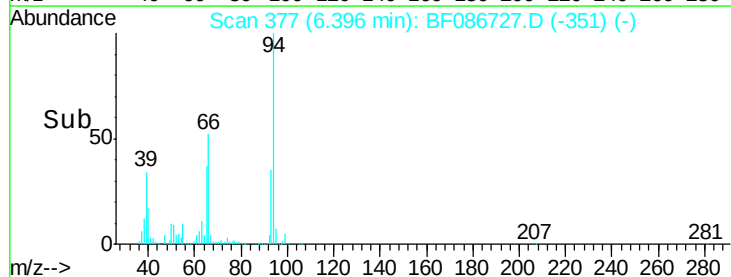
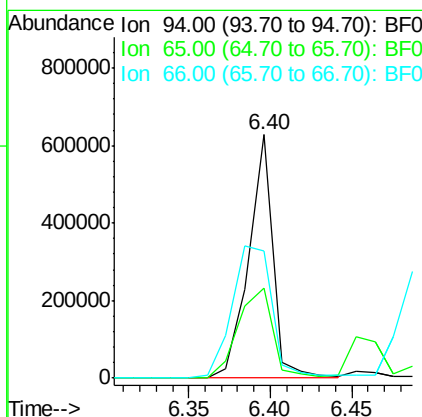
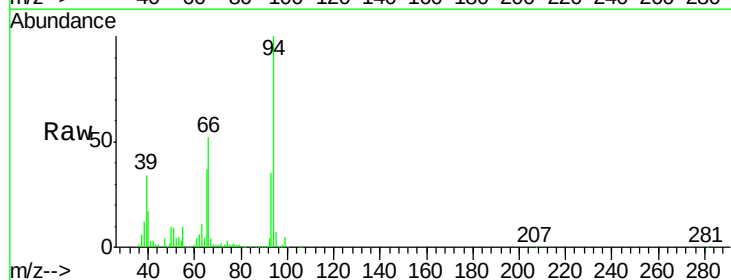
RT: 6.40 min Scan# 377

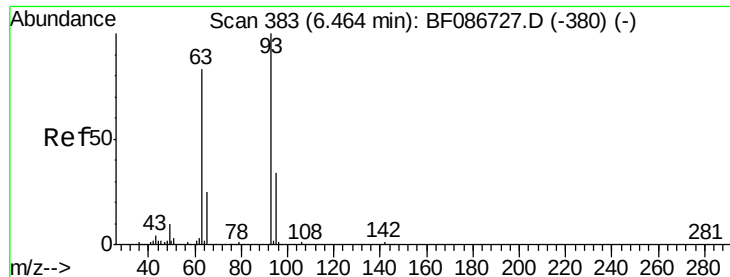
Delta R.T. 0.00 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.9	7.2	47.2
66	52.4	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 36.34 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

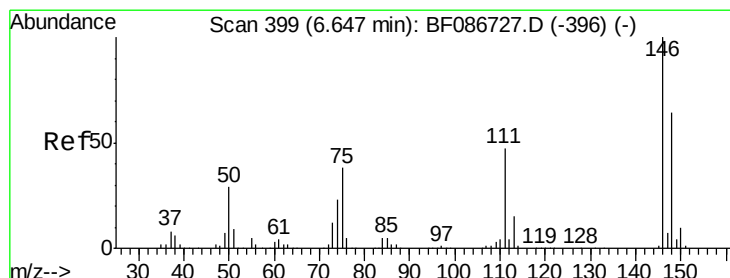
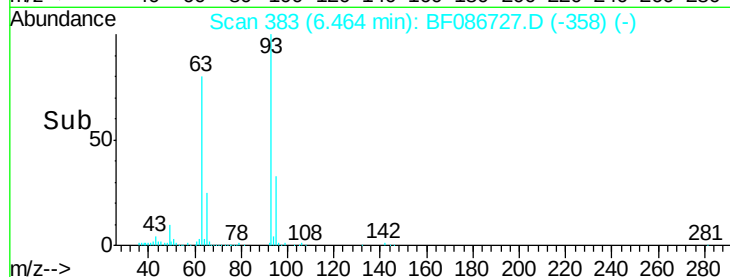
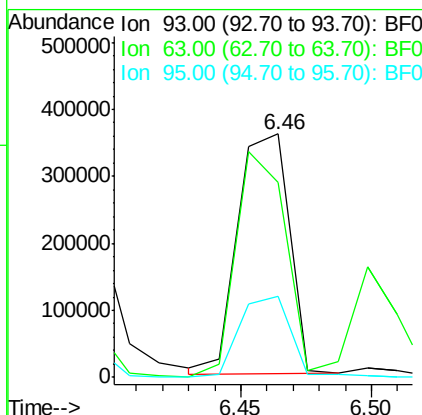
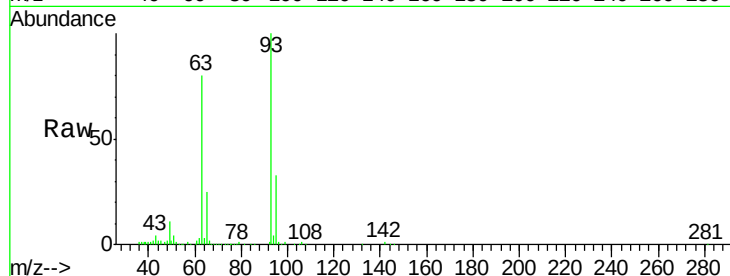
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	497998
Ion	Ratio	Lower	Upper
93	100		
63	79.8	58.0	98.0
95	33.1	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 38.79 ng

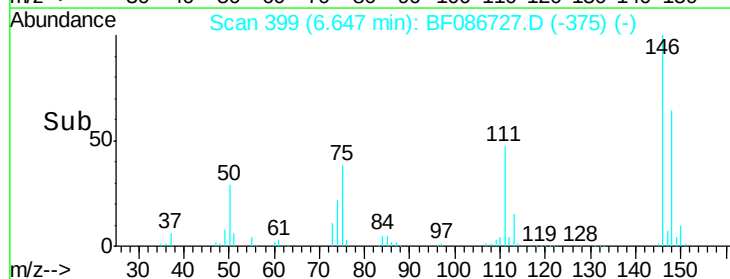
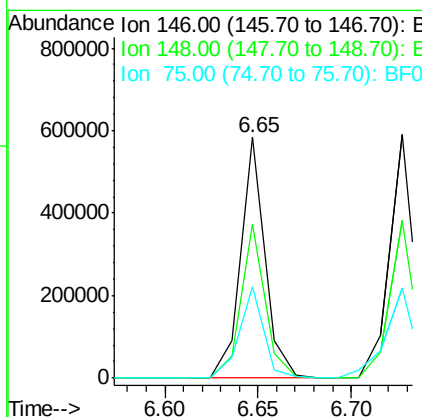
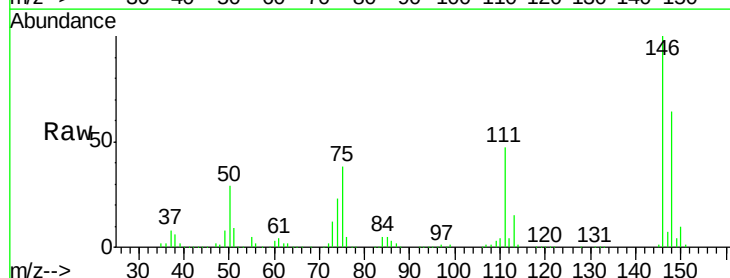
RT: 6.65 min Scan# 399

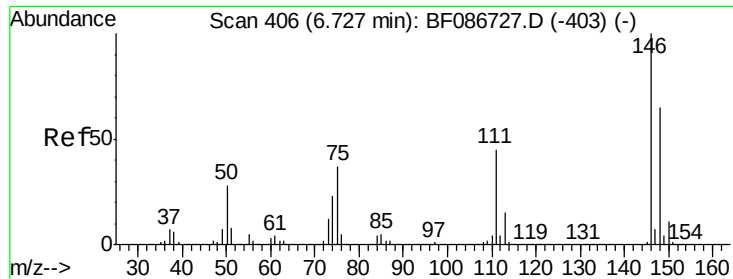
Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion:	146	Resp:	533921
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.4	78.6
75	38.1	22.8	34.2#





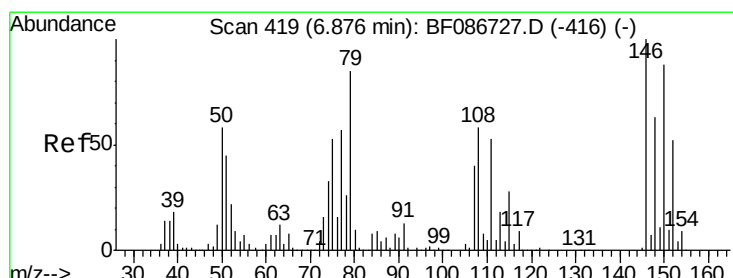
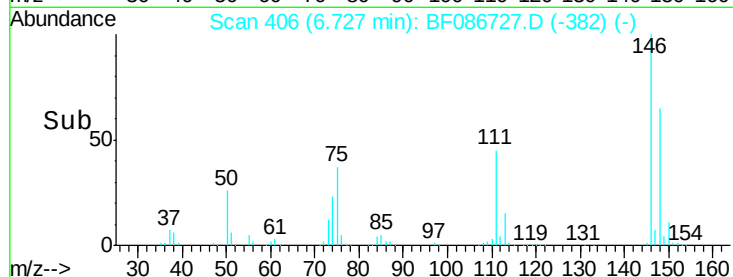
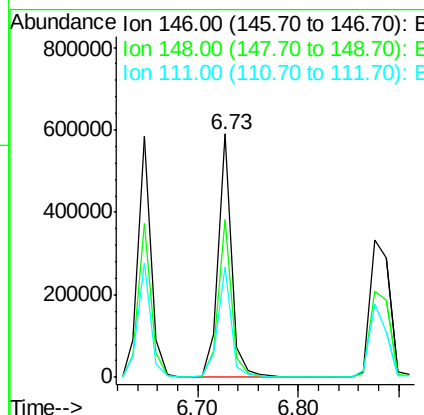
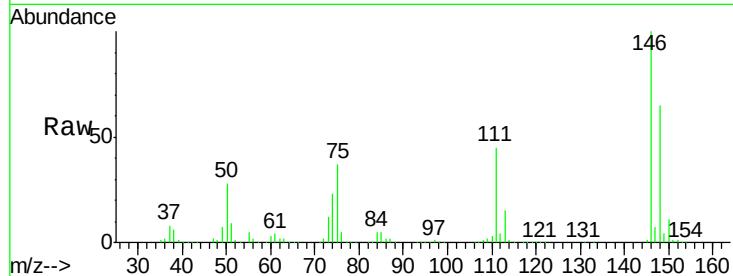
#13
 1,4-Dichlorobenzene
 Concen: 38.37 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	546051		
148	64.9	52.2	78.4	
111	45.5	30.7	46.1	

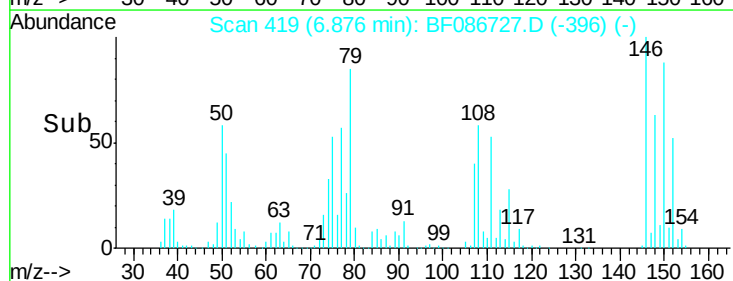
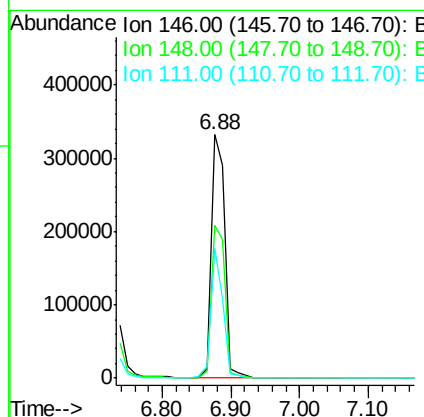
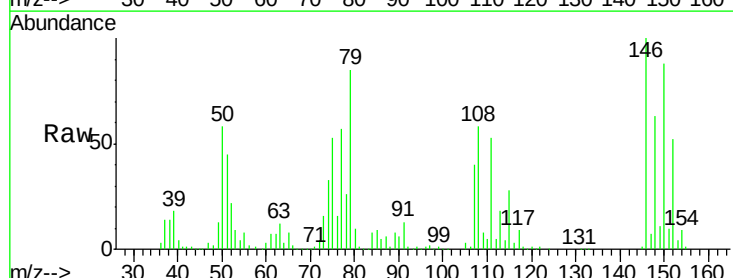
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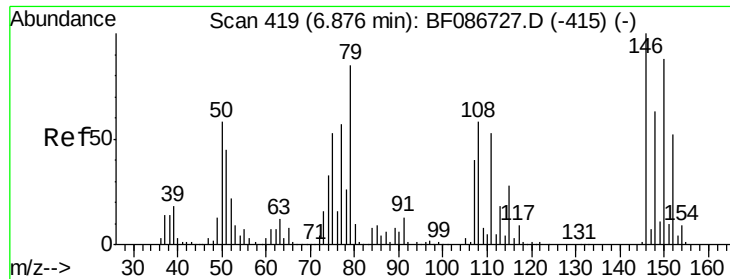
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#14
 1,2-Dichlorobenzene
 Concen: 36.87 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	456955		
148	62.9	51.0	76.6	
111	53.3	36.2	54.4	





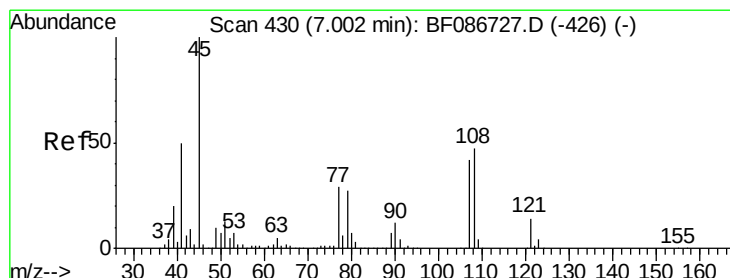
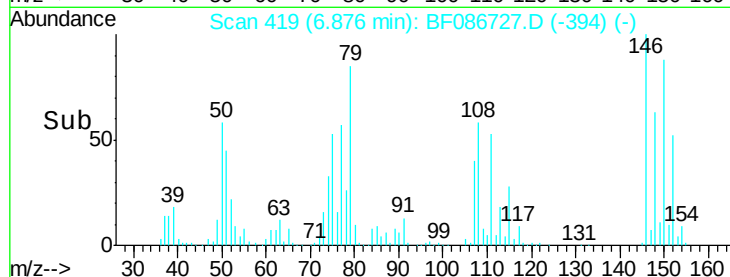
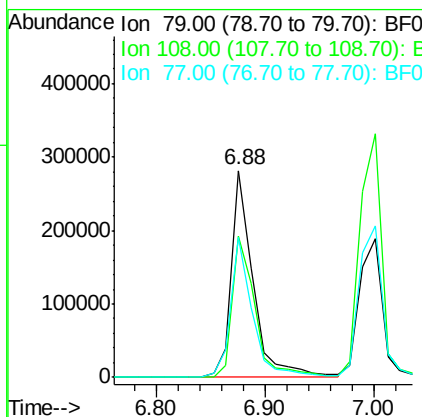
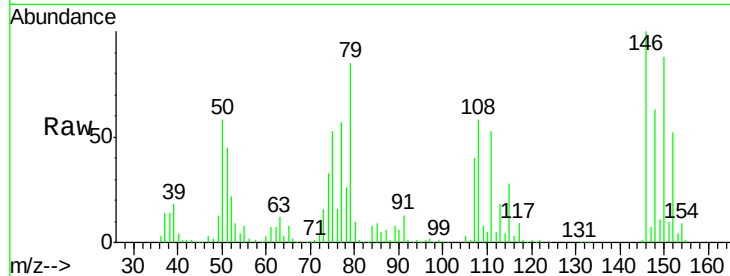
#15
Benzyl Alcohol
Concen: 41.32 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 389009
Ion Ratio Lower Upper
79 100
108 68.3 68.4 102.6#
77 67.3 50.6 76.0

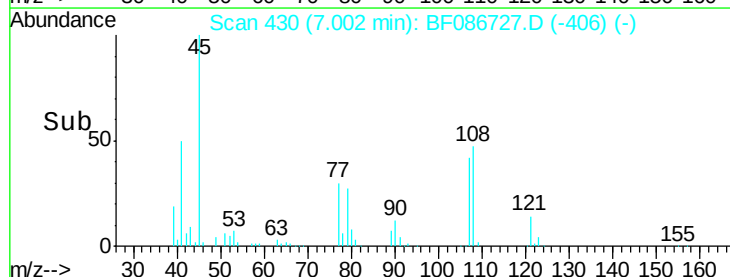
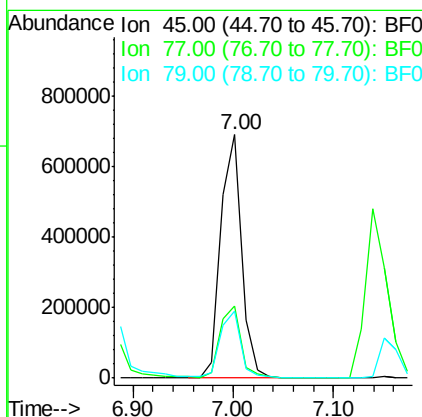
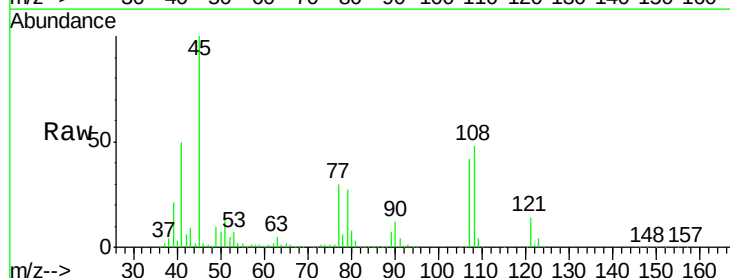
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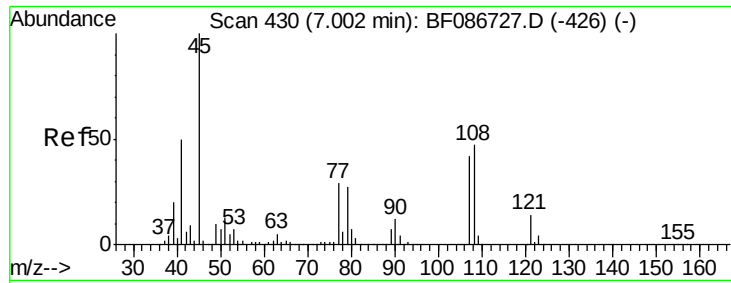
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.68 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion: 45 Resp: 999762
Ion Ratio Lower Upper
45 100
77 29.8 0.0 36.4
79 27.3 0.0 33.4





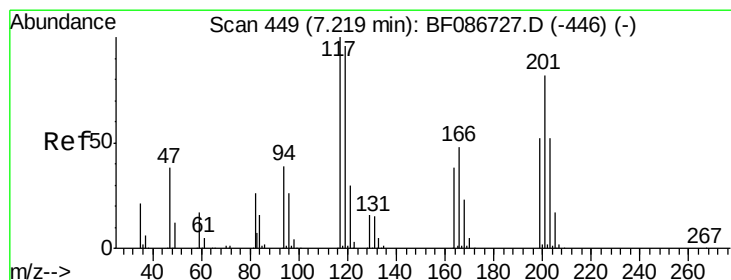
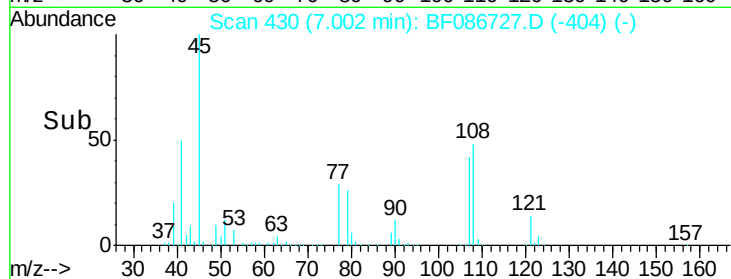
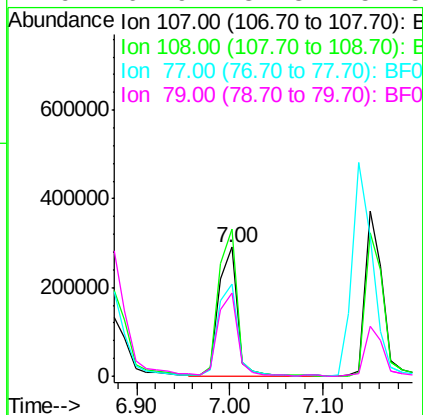
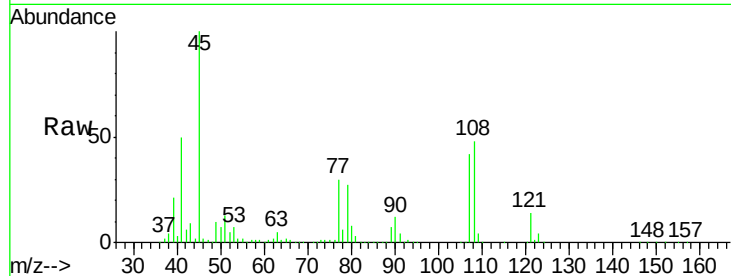
#17
2-Methylphenol
Concen: 37.82 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	394798		
108	114.1	93.7	140.5	
77	71.1	33.4	50.0	
79	64.9	34.3	51.5	

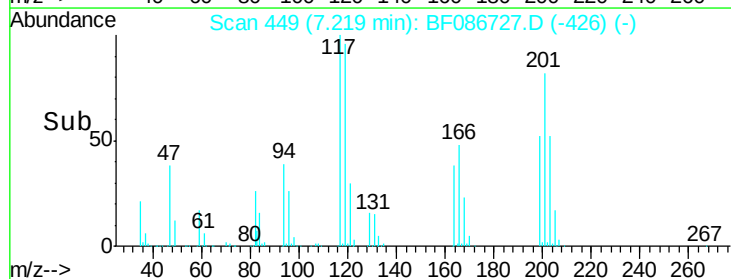
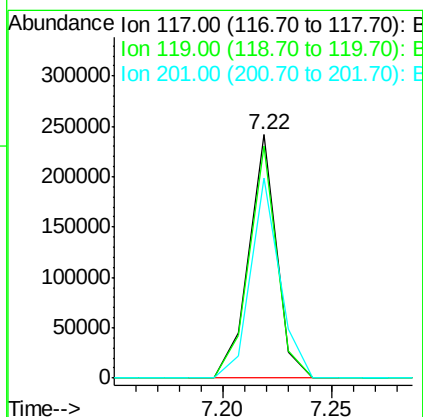
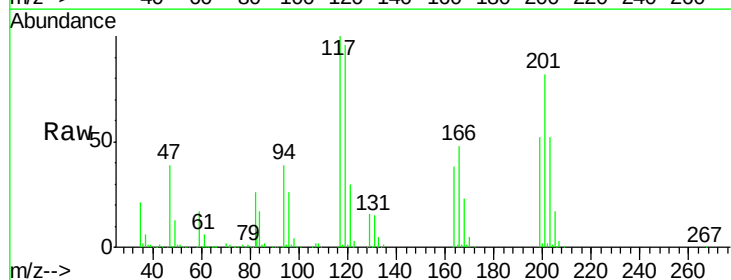
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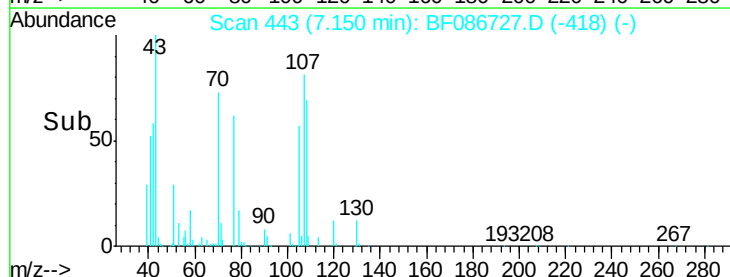
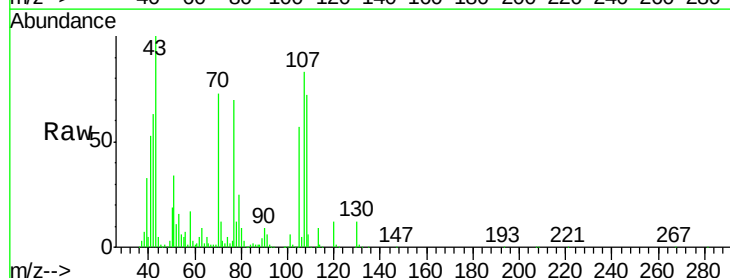
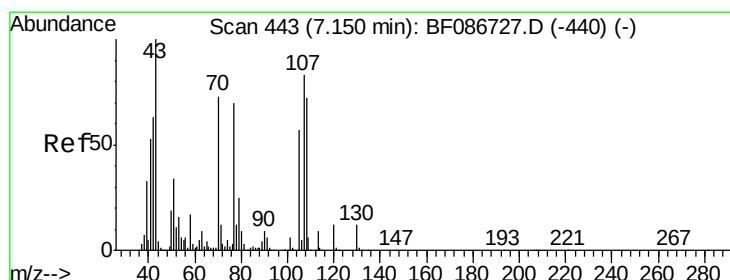
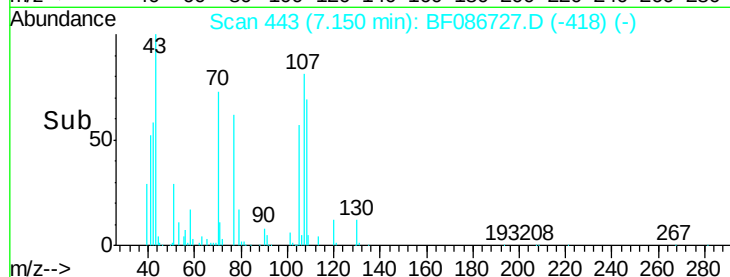
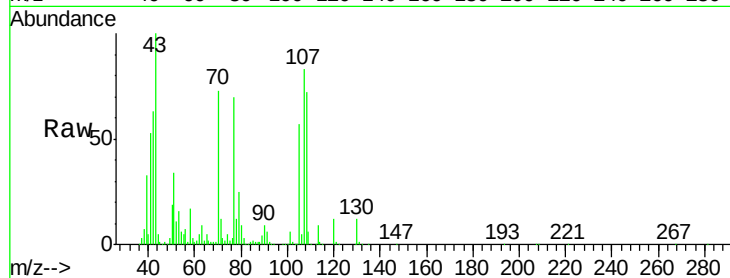
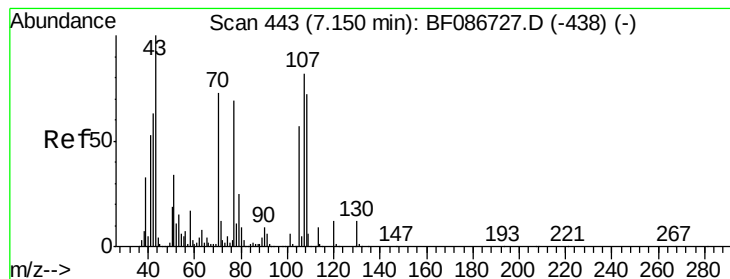
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#18
Hexachloroethane
Concen: 39.83 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	214040		
119	95.6	76.5	114.7	
201	82.4	63.0	94.6	





#19

n-Nitroso-di-n-propylamine

Concen: 35.54 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 353358
Ion Ratio Lower Upper

70 100

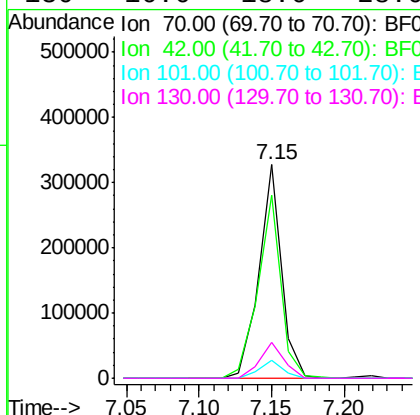
42 86.0 43.1 64.7#

101 8.6 8.1 12.1

130 16.6 18.6 28.0#

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#20

3+4-Methylphenols

Concen: 39.85 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

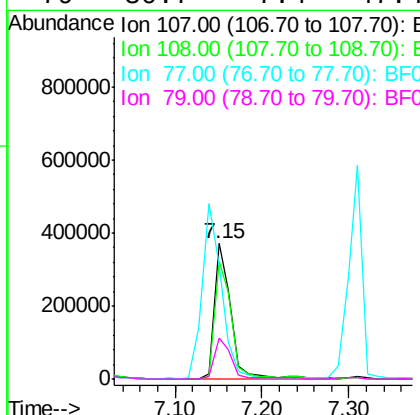
Tgt Ion: 107 Resp: 486991
Ion Ratio Lower Upper

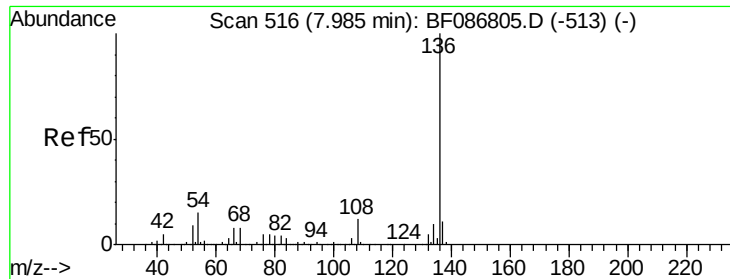
107 100

108 87.3 68.5 108.5

77 84.4 101.6 141.6#

79 30.7 7.4 47.4





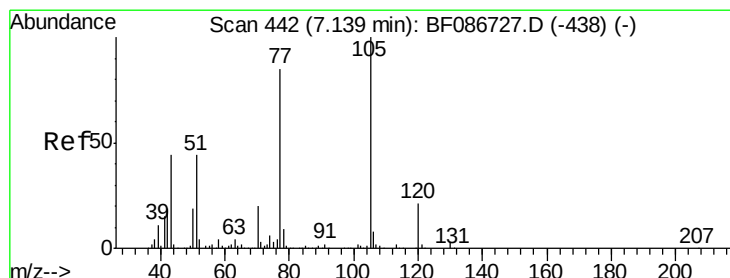
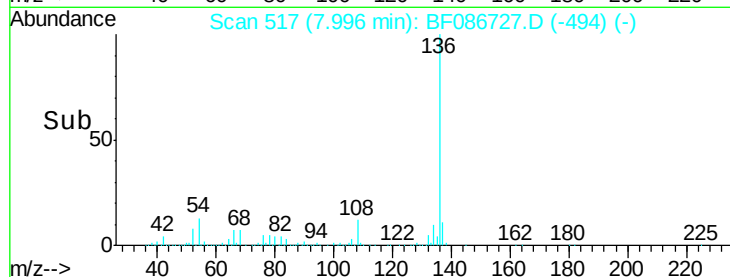
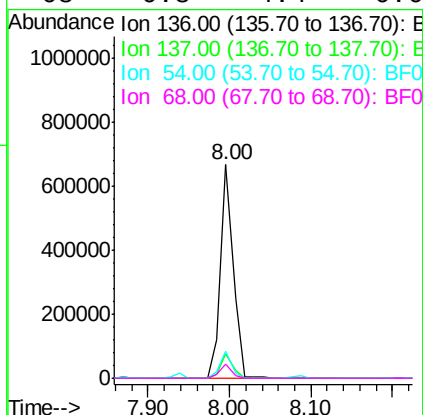
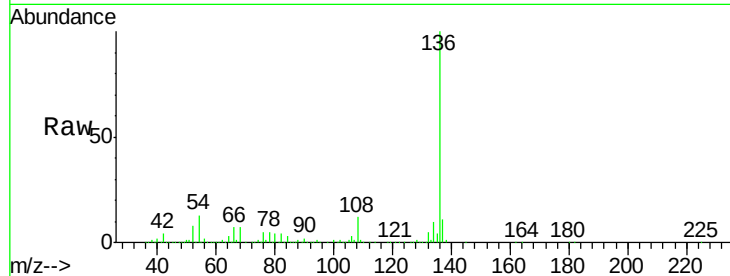
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	721631		
137	11.2	8.8	13.2	
54	12.7	5.0	7.4#	
68	6.8	4.4	6.6#	

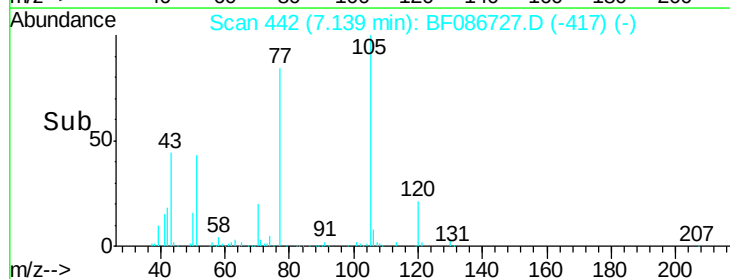
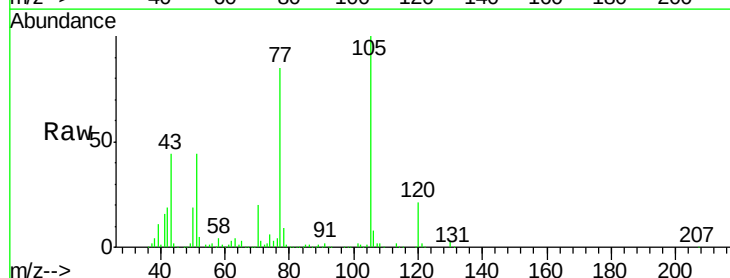
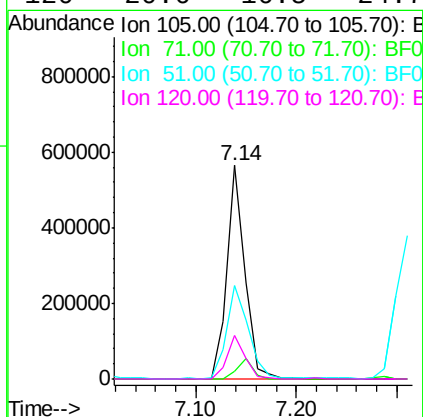
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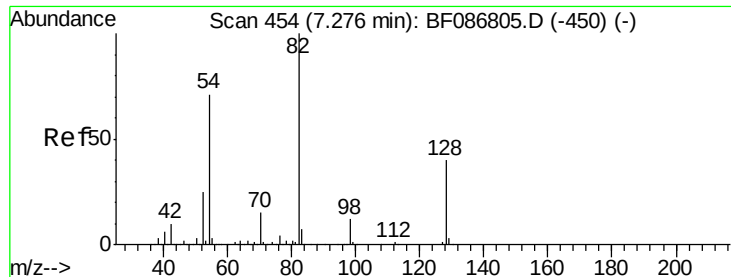
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#22
Acetophenone
Concen: 41.87 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	703989		
71	3.4	4.8	7.2#	
51	43.9	32.6	49.0	
120	20.6	16.5	24.7	





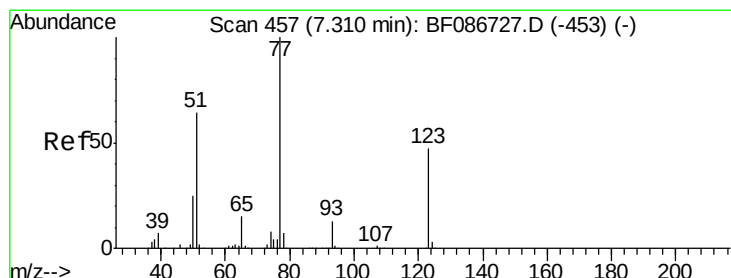
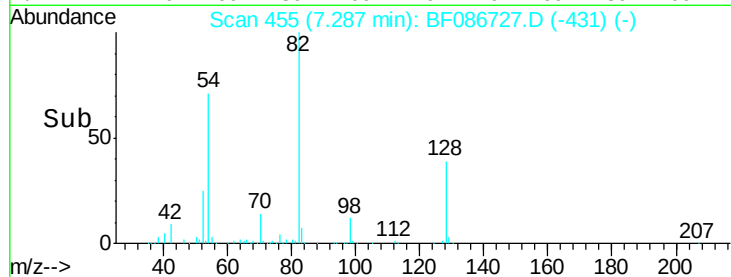
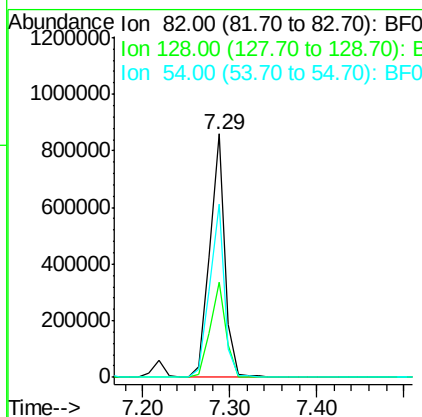
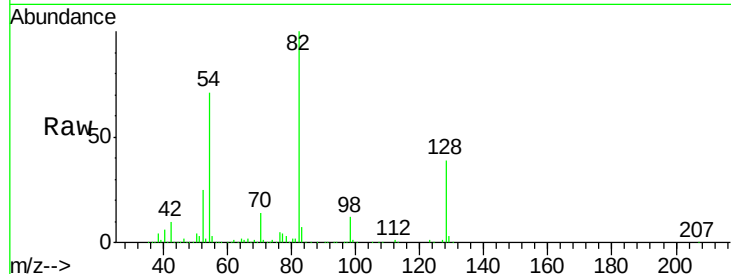
#23
 Nitrobenzene-d5
 Concen: 75.29 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1057255
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 71.0 38.1 57.1#

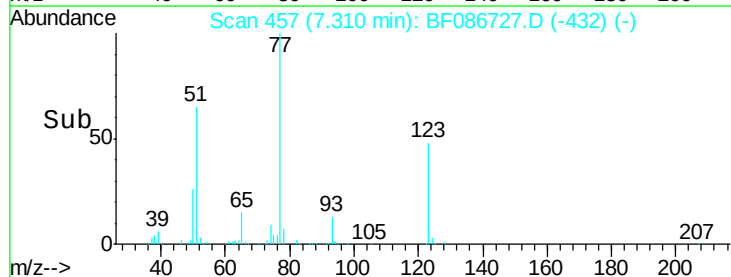
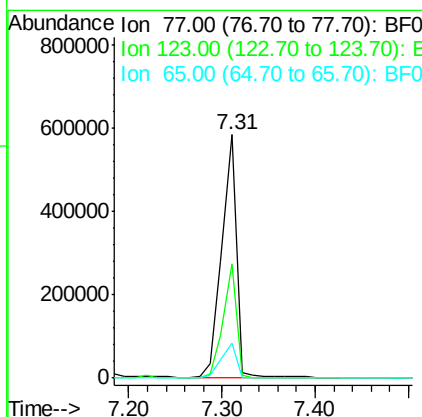
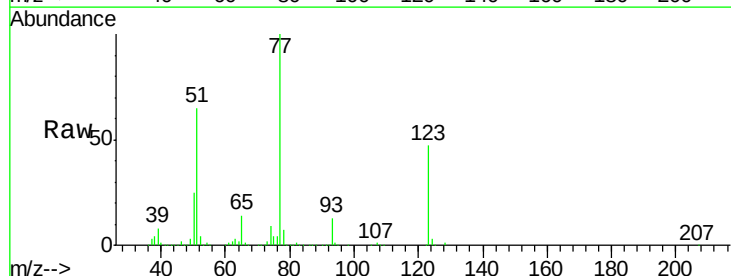
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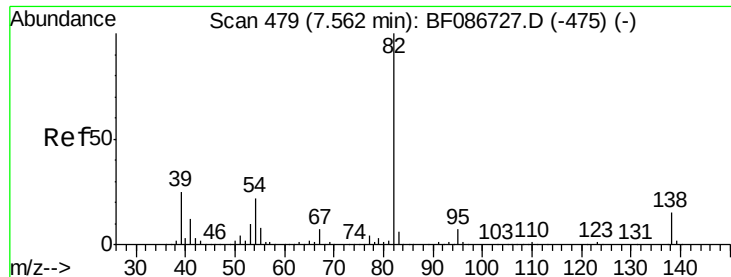
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#24
 Nitrobenzene
 Concen: 43.87 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion: 77 Resp: 636946
 Ion Ratio Lower Upper
 77 100
 123 47.1 33.0 49.4
 65 14.4 10.8 16.2





#25

Isophorone

Concen: 40.20 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1051324

Ion Ratio Lower Upper

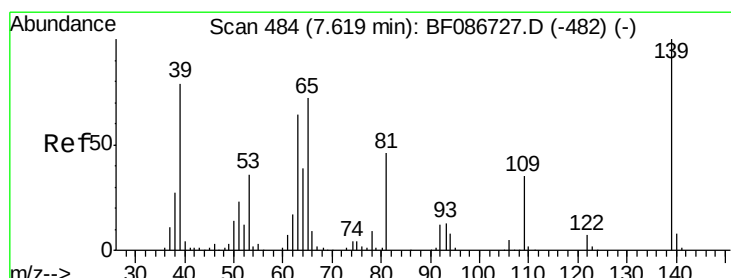
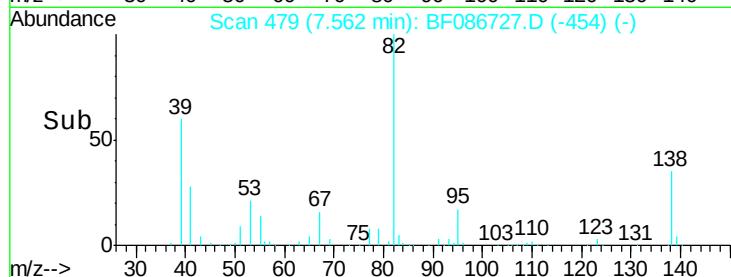
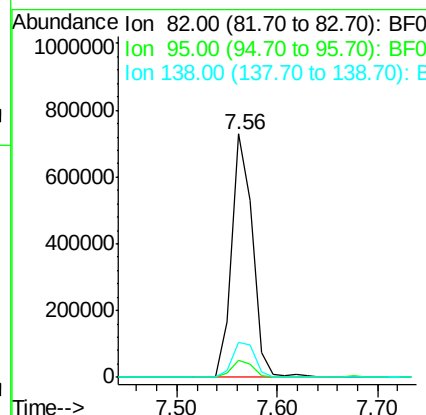
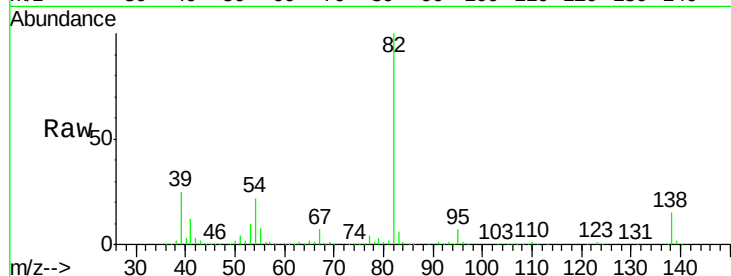
82 100

95 7.1 5.1 7.7

138 14.6 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.93 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

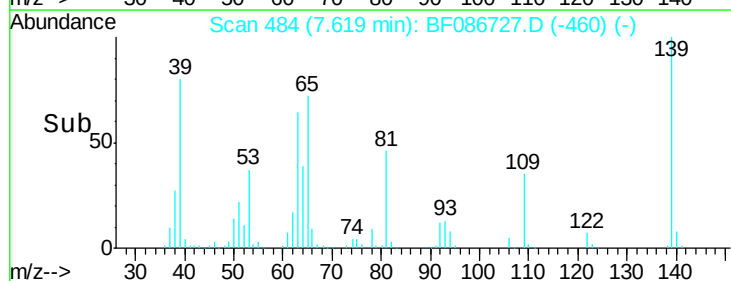
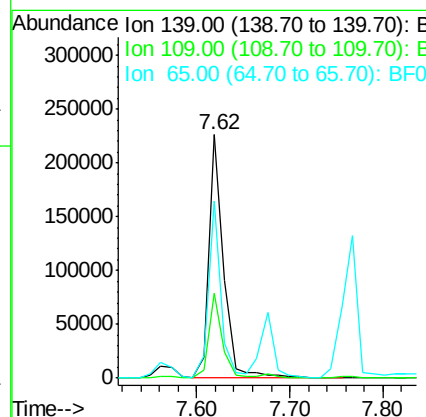
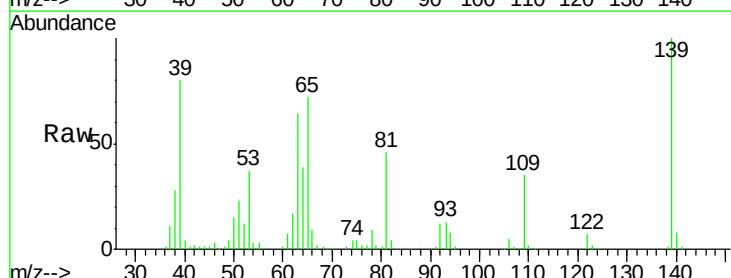
Tgt Ion: 139 Resp: 252177

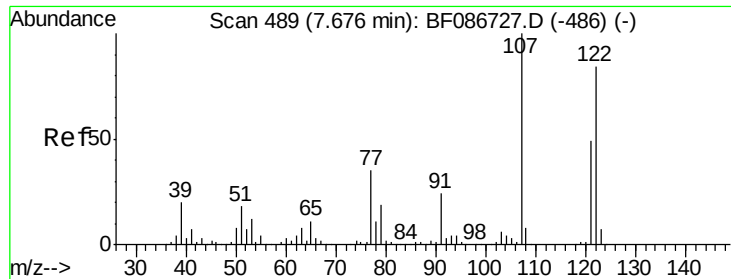
Ion Ratio Lower Upper

139 100

109 34.8 19.5 29.3#

65 72.5 37.5 56.3#





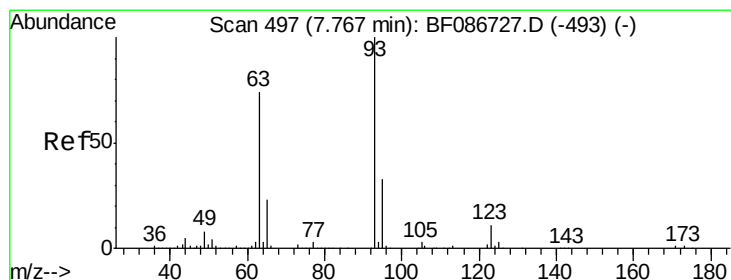
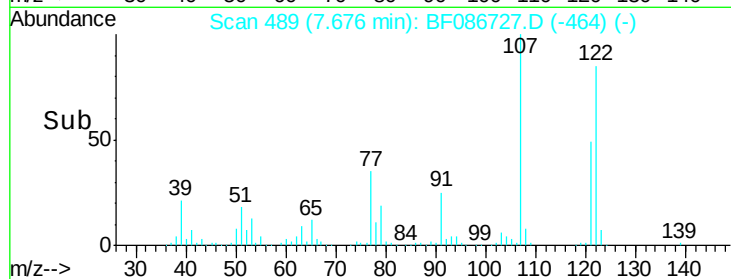
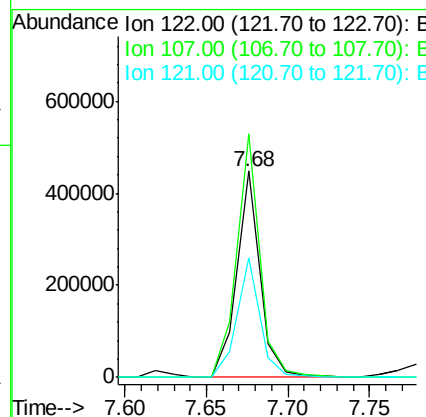
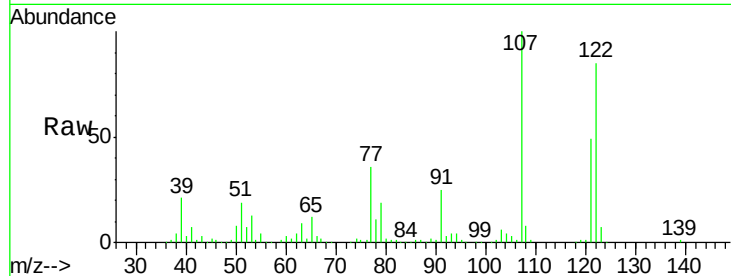
#27
 2,4-Dimethylphenol
 Concen: 38.33 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	436025		
107	118.3	82.0	123.0	
121	58.3	46.1	69.1	

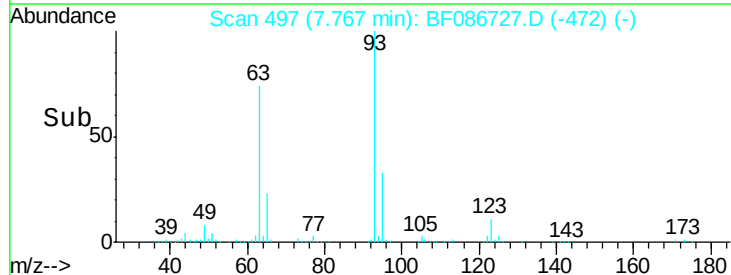
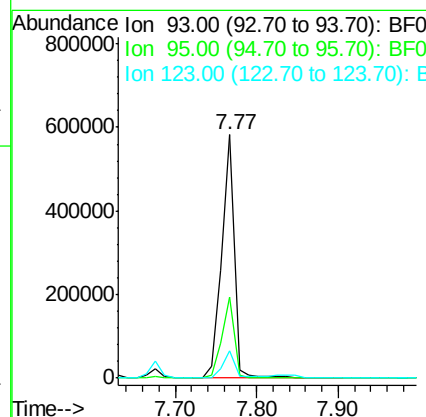
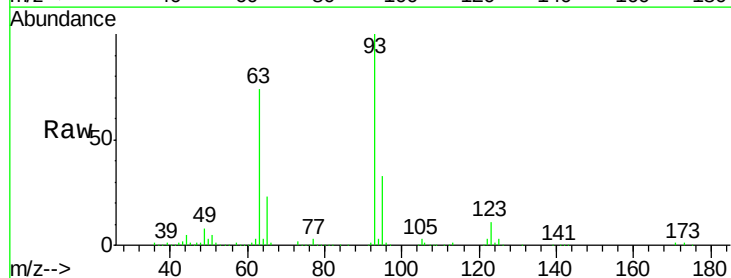
Manual Integrations
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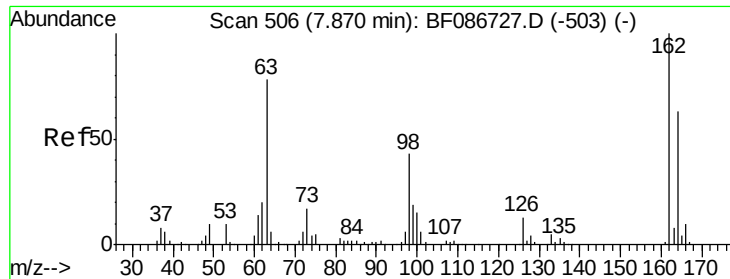
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.31 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	623430		
95	33.1	26.0	39.0	
123	11.1	9.5	14.3	





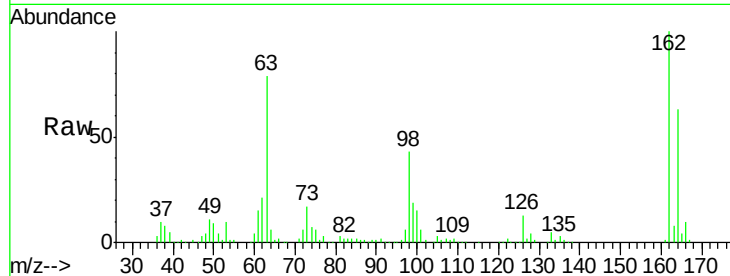
#29
 2,4-Dichlorophenol
 Concen: 41.23 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

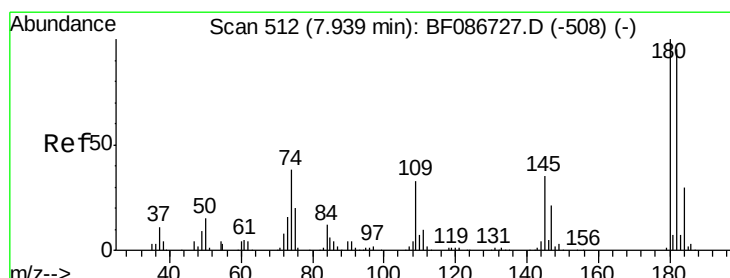
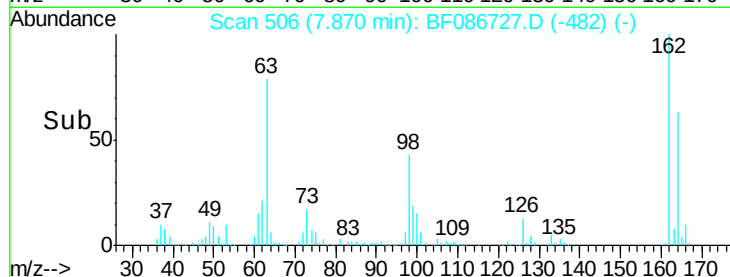
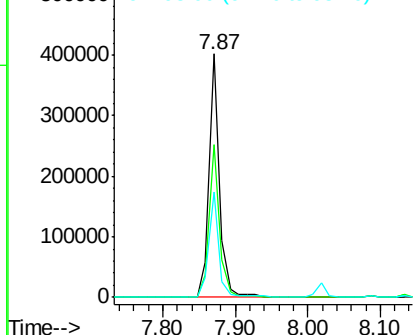
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	403262		
164	62.7	42.2	82.2	
98	43.4	19.0	59.0	

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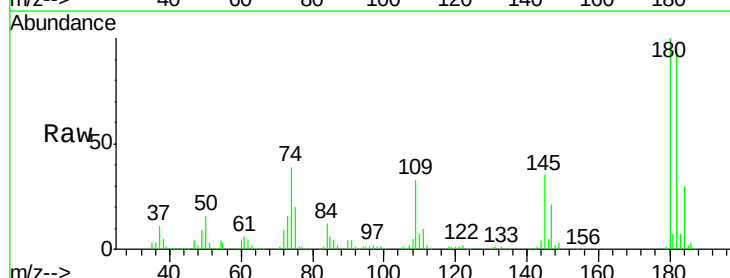


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

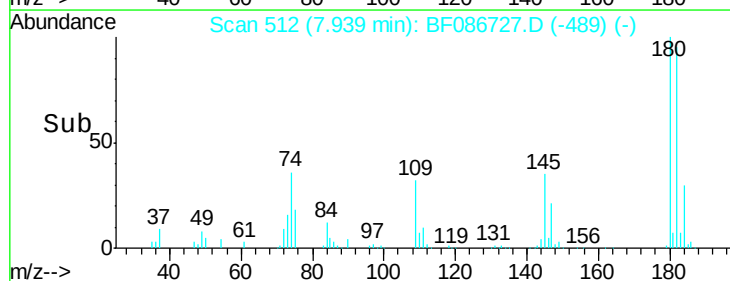
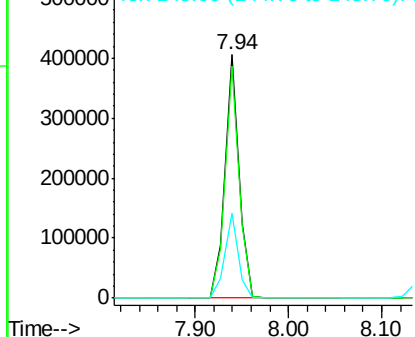


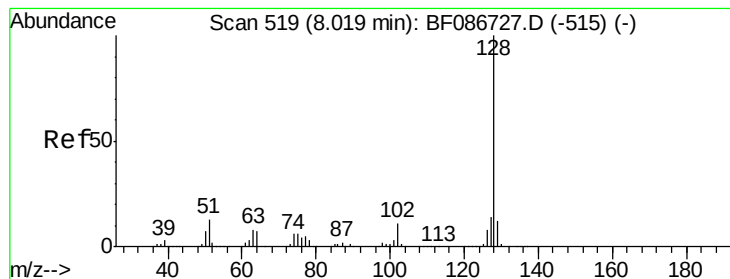
#30
 1,2,4-Trichlorobenzene
 Concen: 39.42 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	430110		
182	95.5	78.0	117.0	
145	34.7	24.2	36.2	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.91 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1360915

Ion Ratio Lower Upper

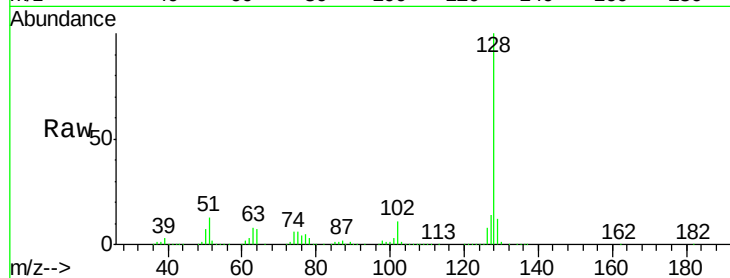
128 100

129 11.6 8.6 13.0

127 13.9 10.8 16.2

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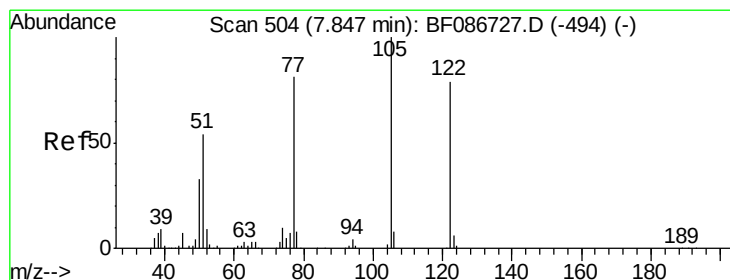
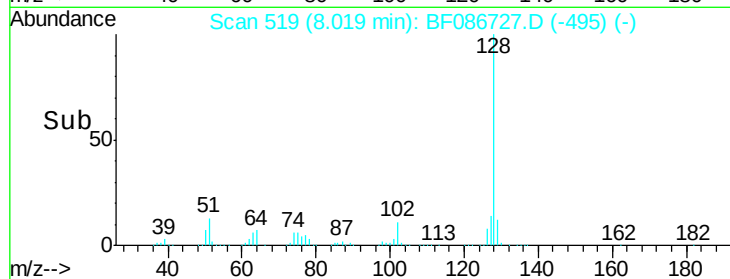
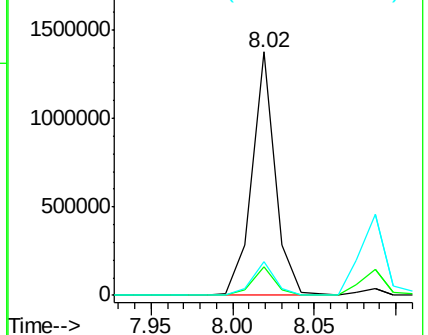
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 76.22 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.05 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

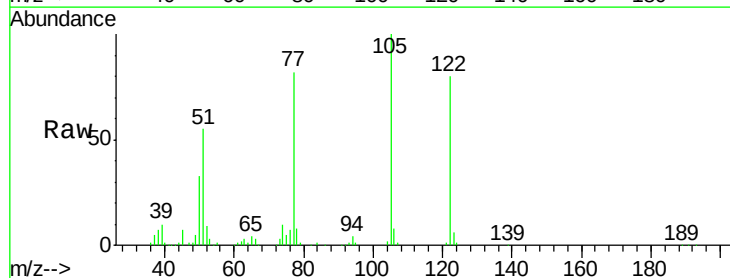
Tgt Ion:122 Resp: 364877

Ion Ratio Lower Upper

122 100

105 125.1 92.6 132.6

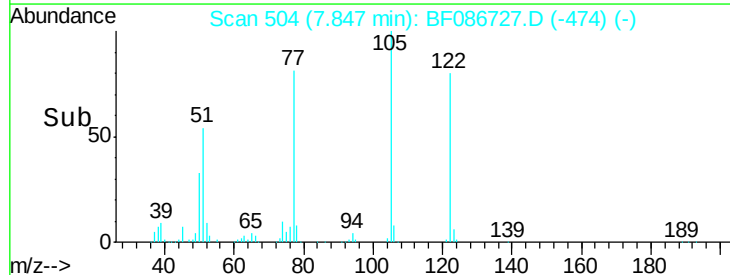
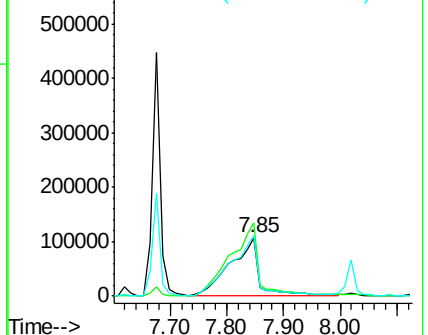
77 102.7 60.0 100.0#

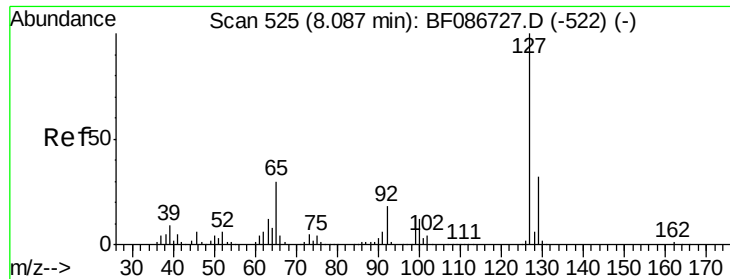


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





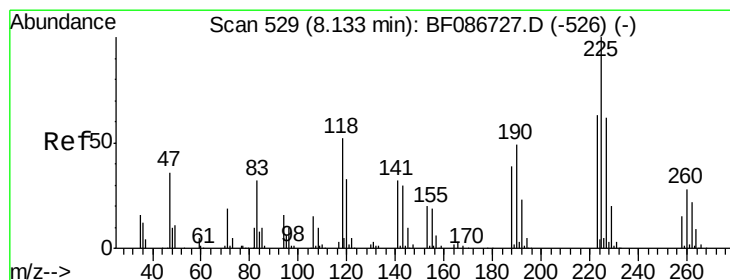
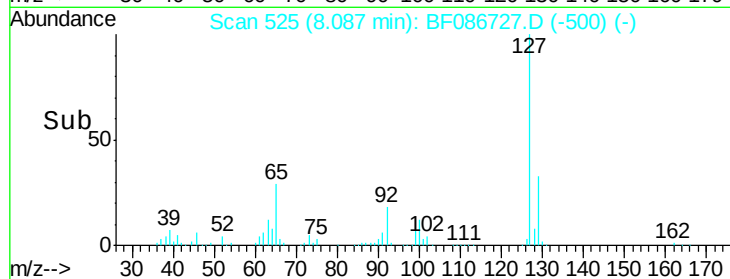
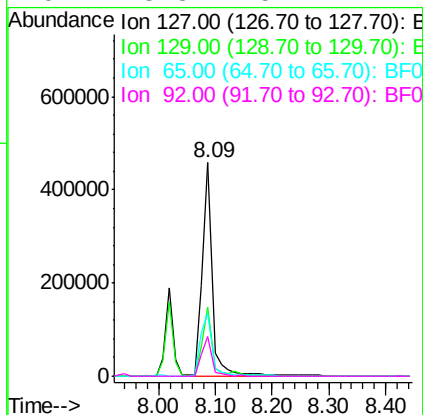
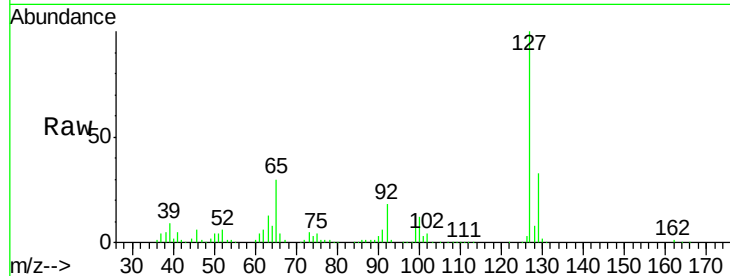
#33
4-Chloroaniline
Concen: 37.62 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	537348		
129	32.5	26.2	39.4	
65	29.6	23.0	34.4	
92	18.3	15.1	22.7	

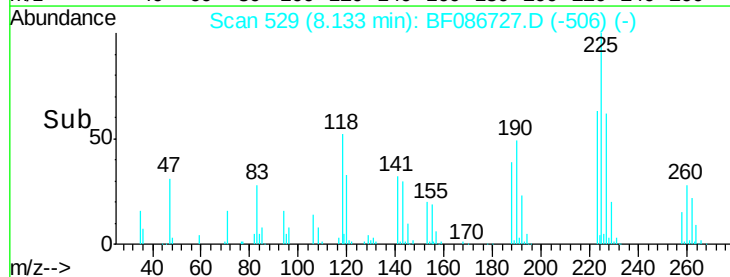
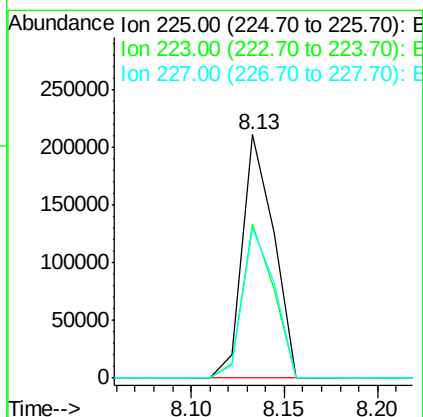
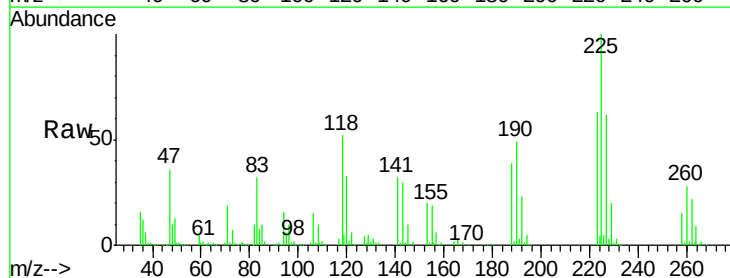
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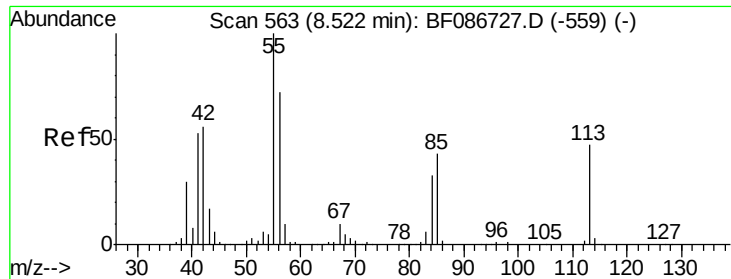
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#34
Hexachlorobutadiene
Concen: 39.64 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	245535		
223	63.5	51.5	77.3	
227	61.5	52.2	78.2	





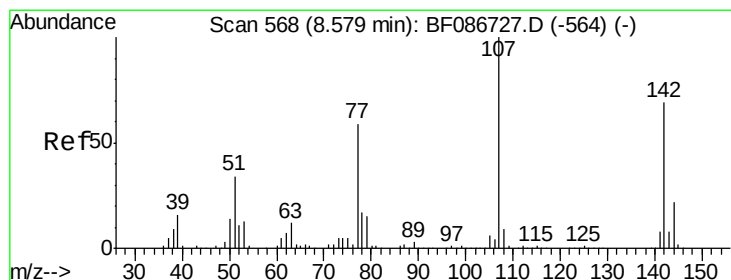
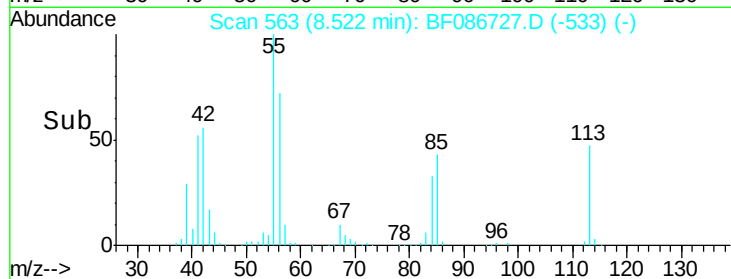
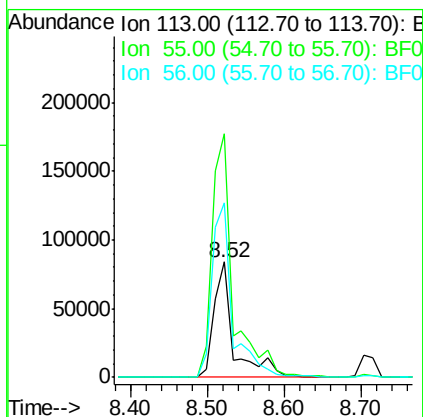
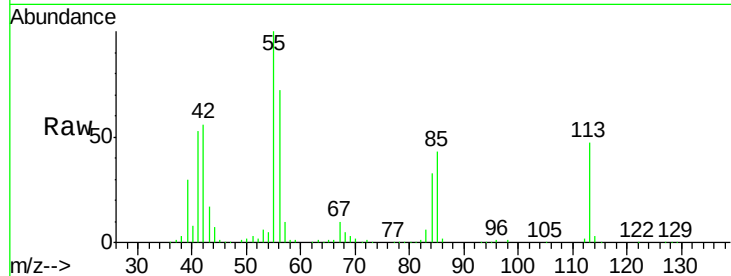
#35
 Caprolactam
 Concen: 48.95 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.05 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 148167
 Ion Ratio Lower Upper
 113 100
 55 210.8 162.0 202.0#
 56 151.0 115.3 155.3

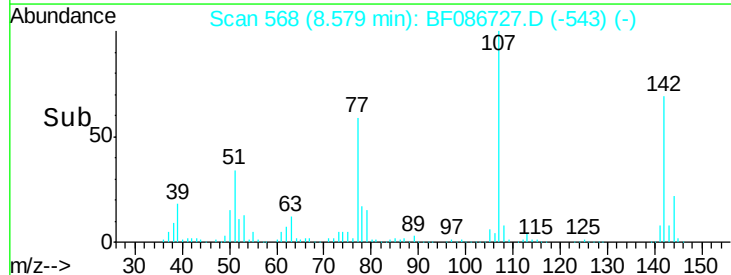
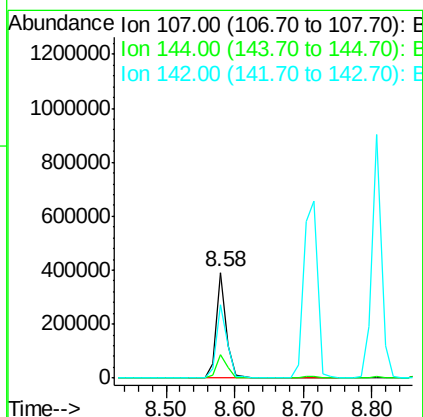
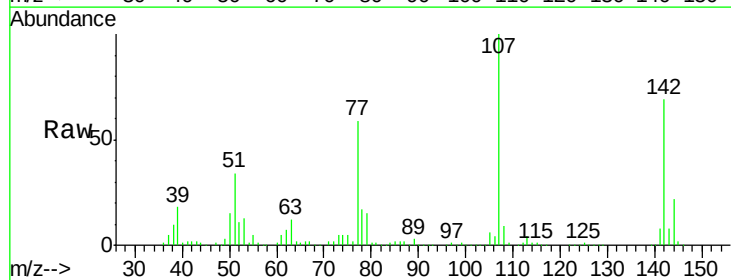
Manual Integrations
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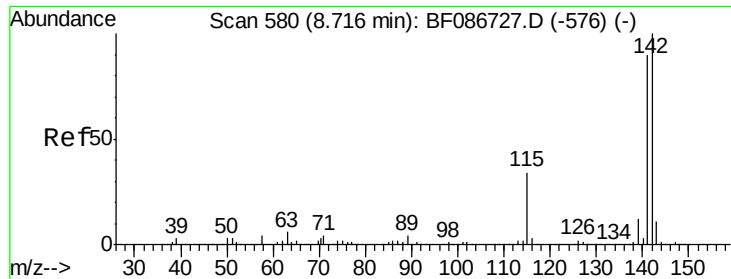
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#36
 4-Chloro-3-methylphenol
 Concen: 37.23 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion:107 Resp: 415387
 Ion Ratio Lower Upper
 107 100
 144 22.1 20.7 31.1
 142 69.2 63.2 94.8





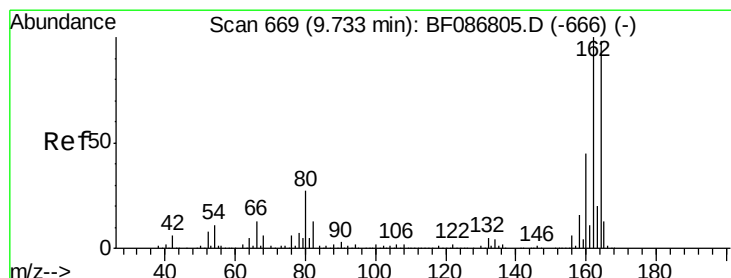
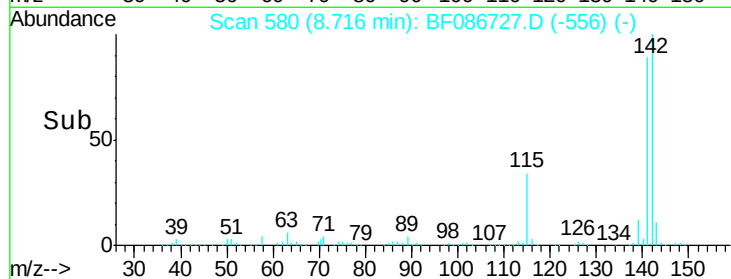
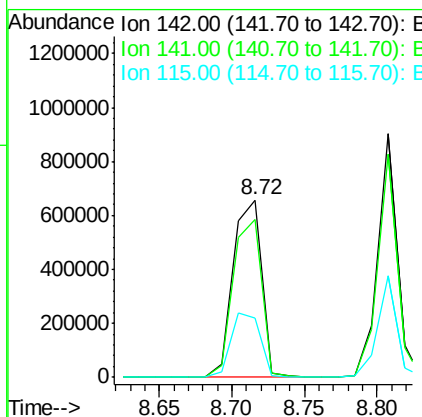
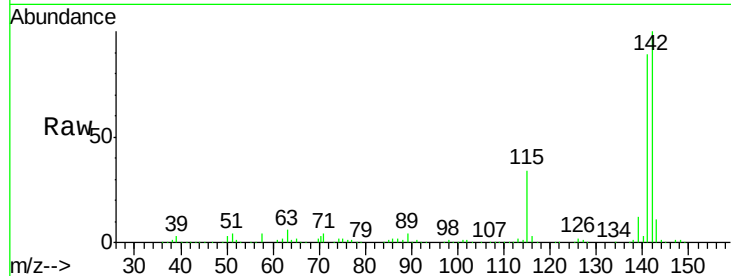
#37
 2-Methylnaphthalene
 Concen: 41.23 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	896839		
141	89.4	71.0	106.6	
115	33.5	26.6	39.8	

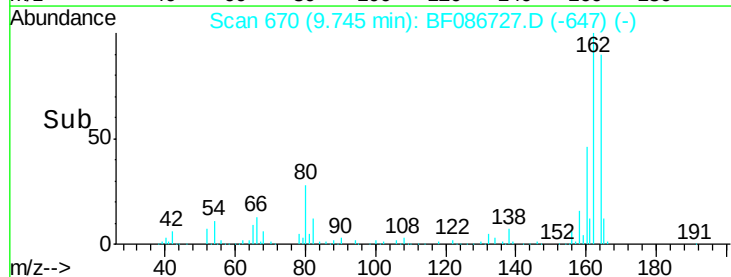
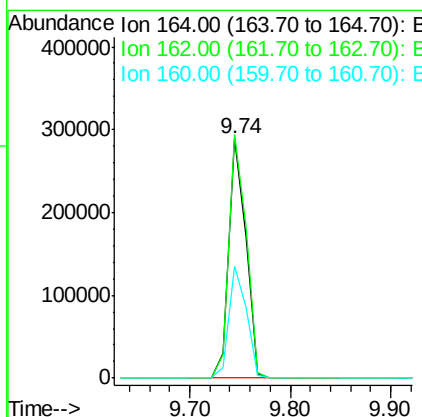
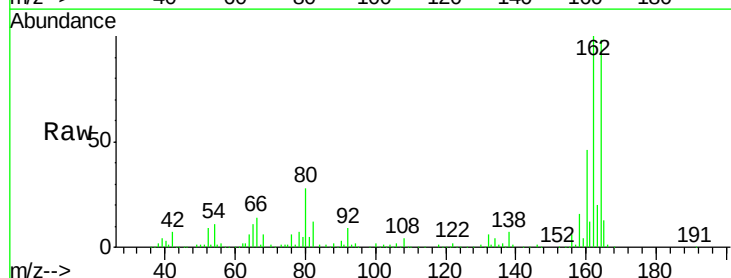
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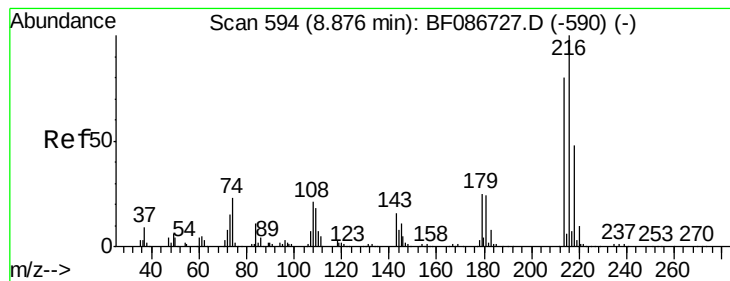
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#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	340078		
162	101.7	82.8	124.2	
160	46.6	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.35 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF086727.D

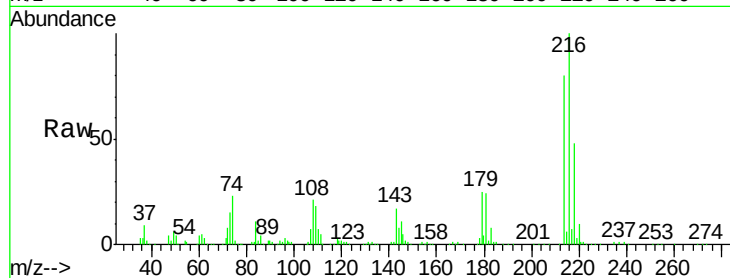
Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:216 Resp: 416891

Ion Ratio Lower Upper

216 100

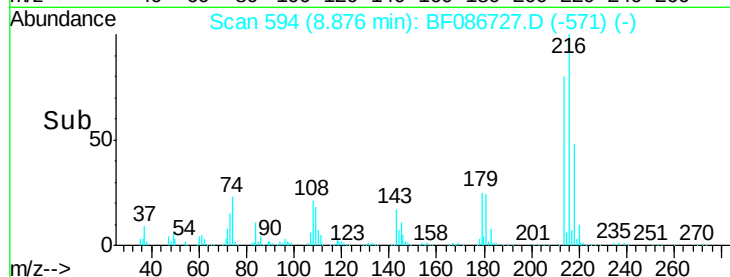
214 79.6 62.6 93.8

179 25.0 18.2 27.4

108 25.0 17.5 26.3

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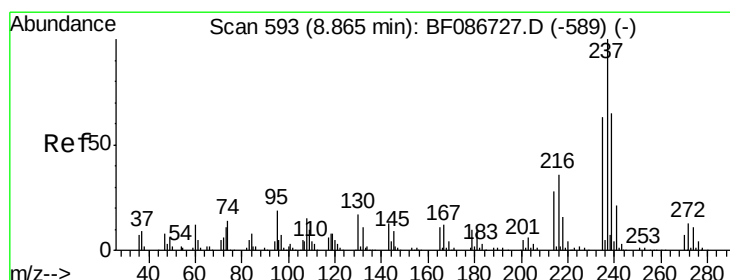
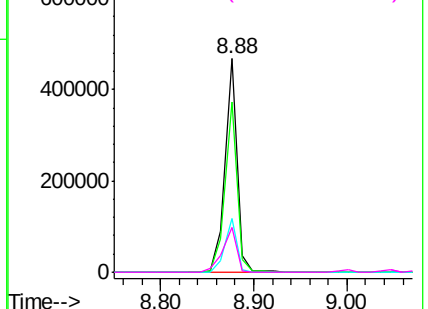


Abundance Ion 216.00 (215.70 to 216.70): E

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: 57.48 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

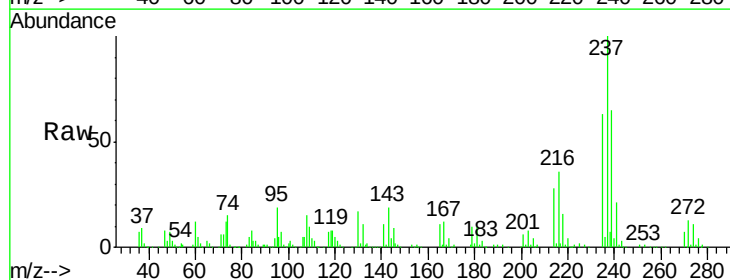
Tgt Ion:237 Resp: 252247

Ion Ratio Lower Upper

237 100

235 62.6 47.2 87.2

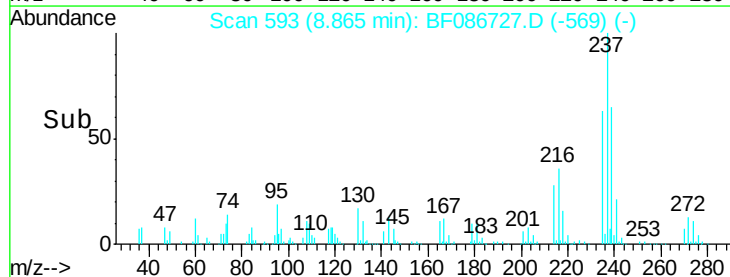
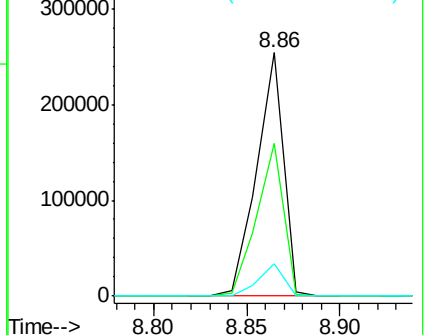
272 13.3 0.0 31.1

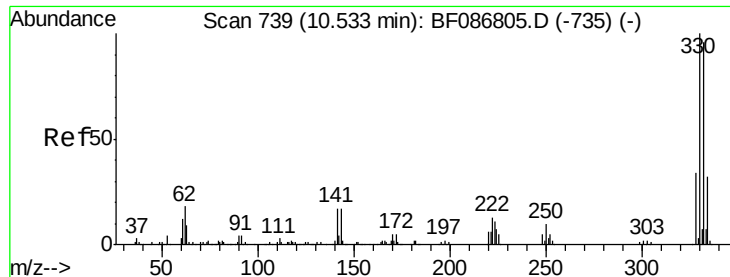


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





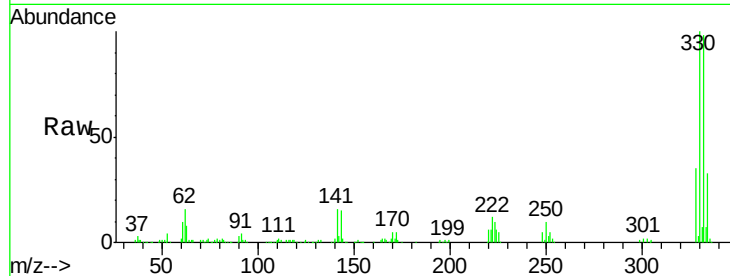
#41
 2,4,6-Tribromophenol
 Concen: 90.05 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

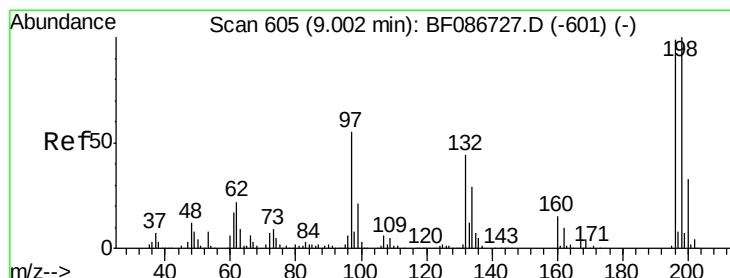
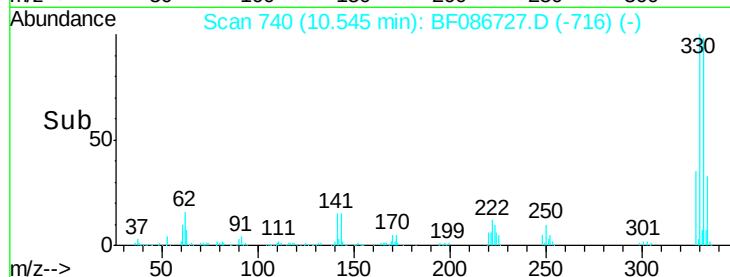
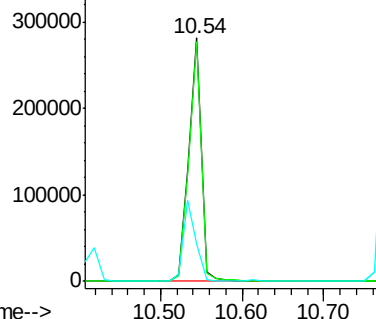
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	299589		
332	97.6	79.0	118.4	
141	34.4	31.2	46.8	

Manual Integrations
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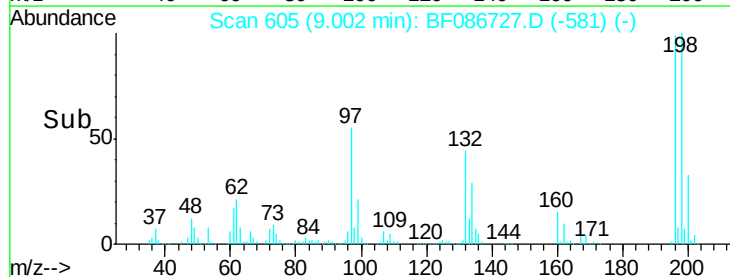
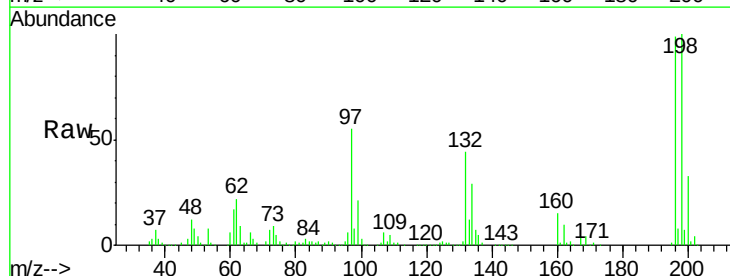
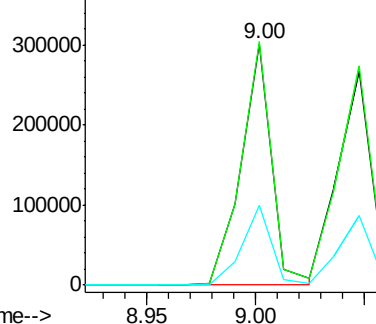
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

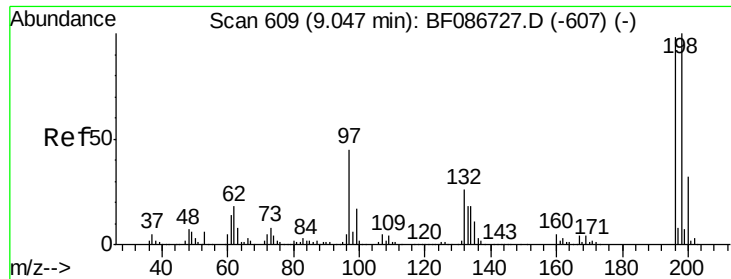


#42
 2,4,6-Trichlorophenol
 Concen: 47.48 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297184		
198	100.8	74.7	112.1	
200	32.9	23.8	35.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





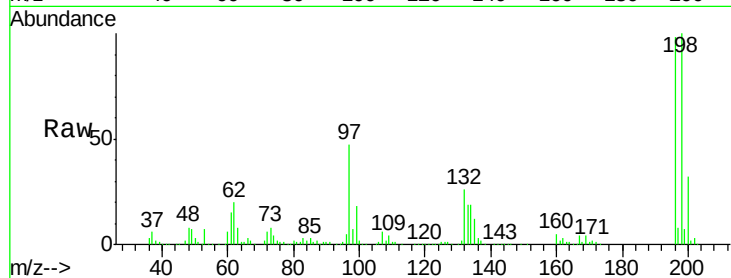
#43
 2,4,5-Trichlorophenol
 Concen: 44.56 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

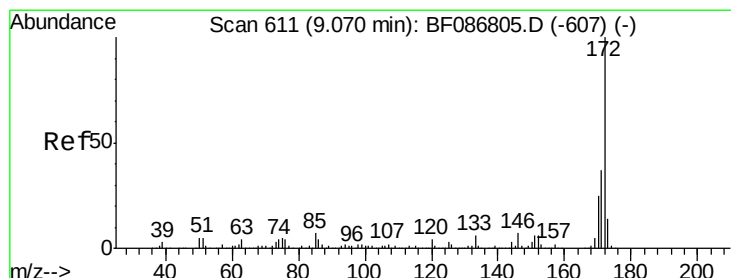
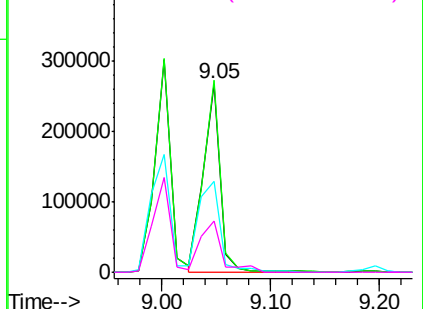
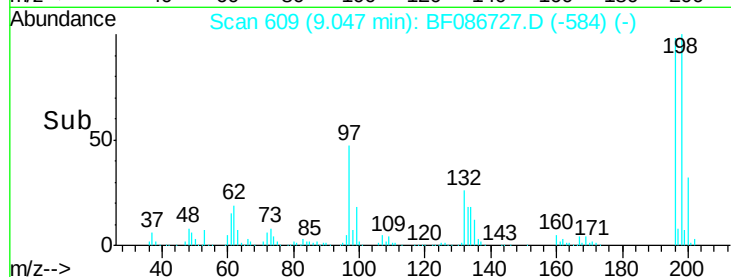
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291419		
198	102.2	77.5	116.3	
97	48.3	34.8	52.2	
132	26.9	23.0	34.4	

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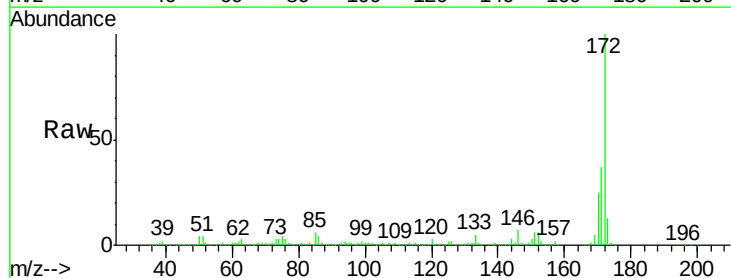


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

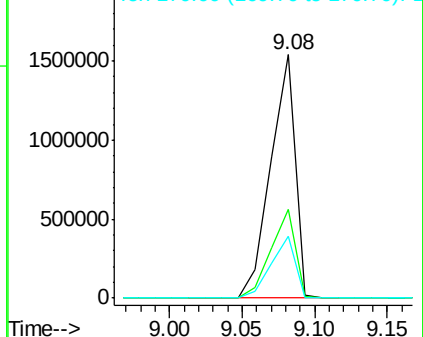
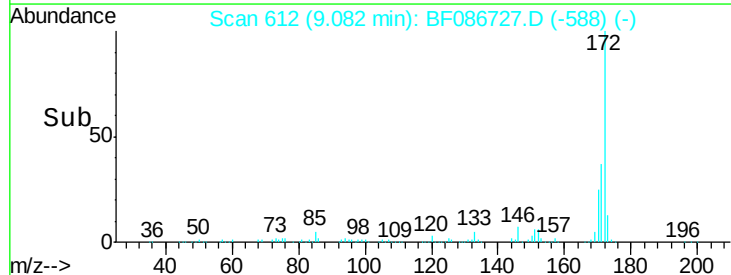


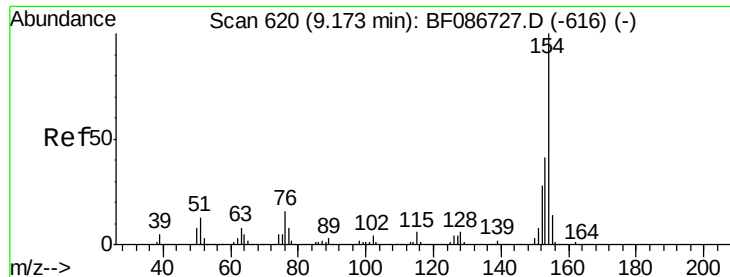
#44
 2-Fluorobiphenyl
 Concen: 87.47 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1814576		
171	36.6	29.0	43.6	
170	25.2	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





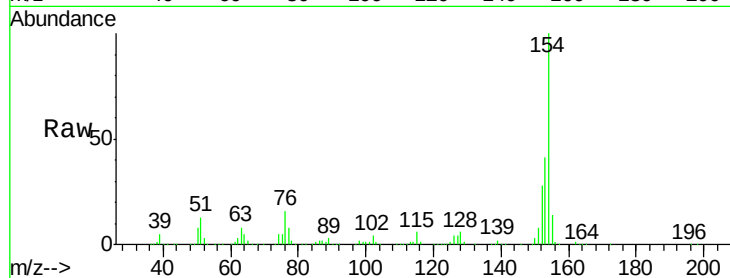
#45
 1,1'-Biphenyl
 Concen: 40.24 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

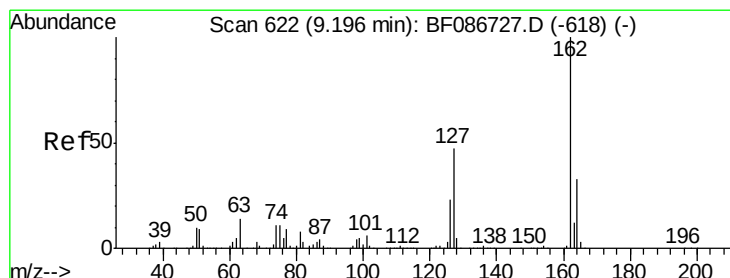
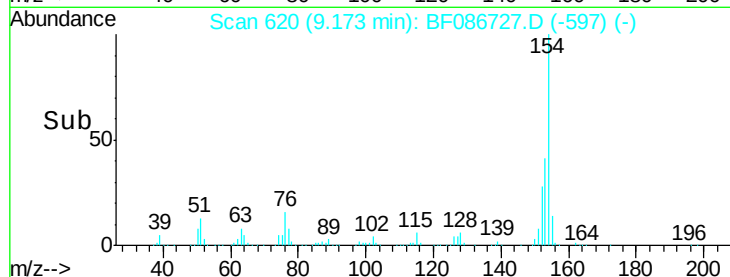
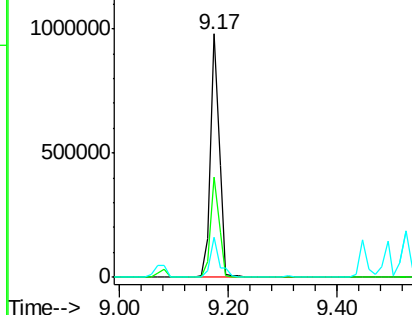
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.3	60.3
76	16.4	0.0	30.2

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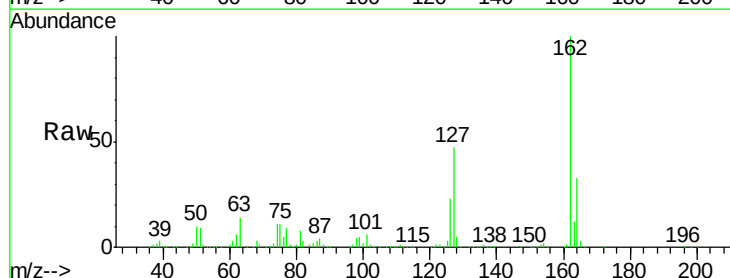


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

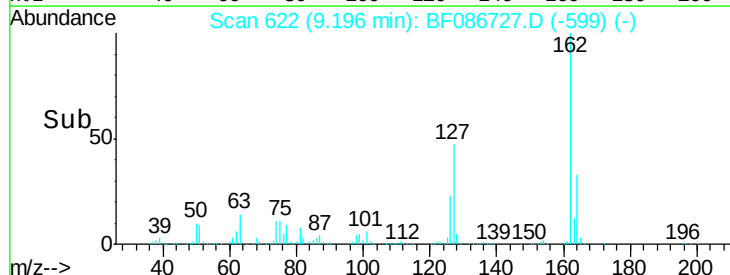
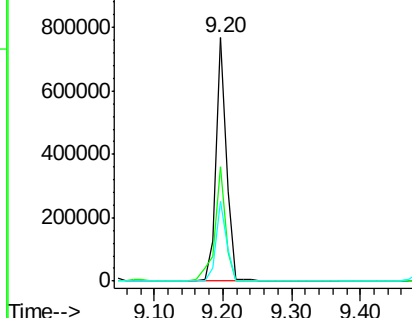


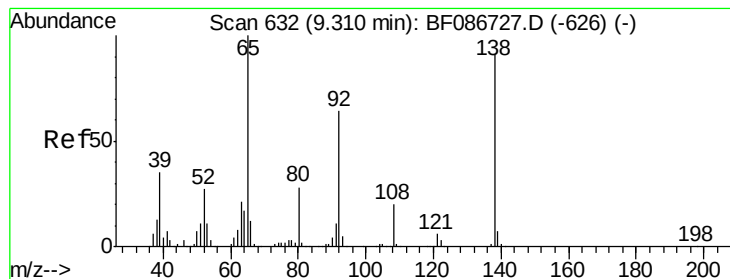
#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.1	31.8	47.6
164	33.0	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: 43.31 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

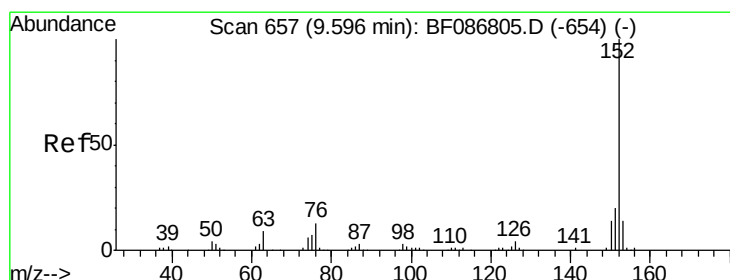
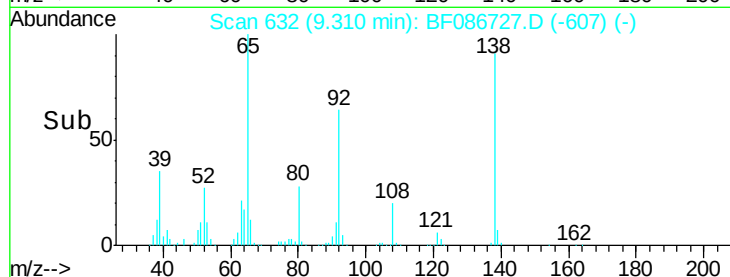
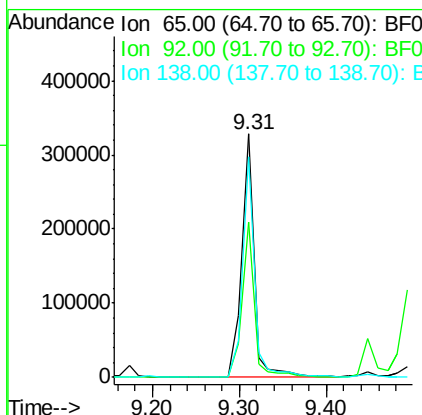
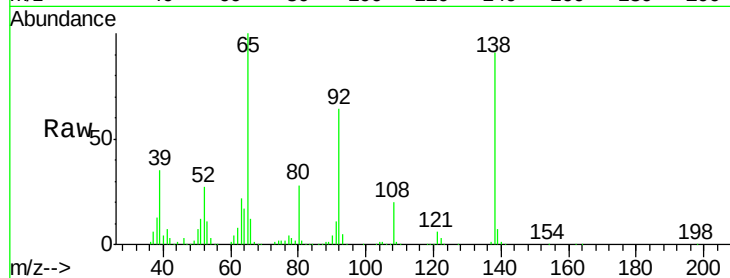
ClientSampleId :

SSTDCCC040

Tgt Ion:	65	Resp:	330395
Ion Ratio	Lower	Upper	
65	100		
92	63.6	57.4	86.2
138	90.6	90.1	135.1

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#48

Acenaphthylene

Concen: 40.00 ng

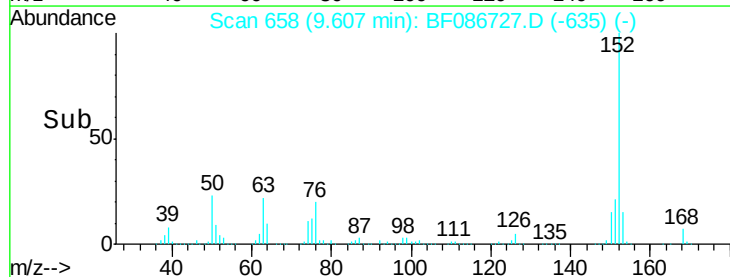
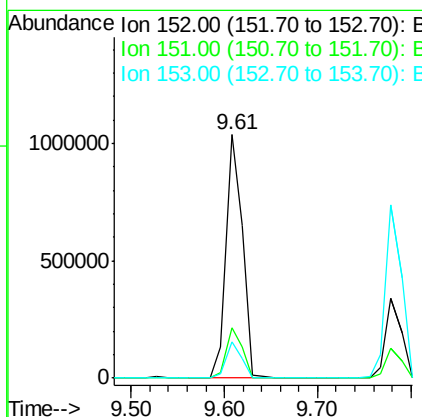
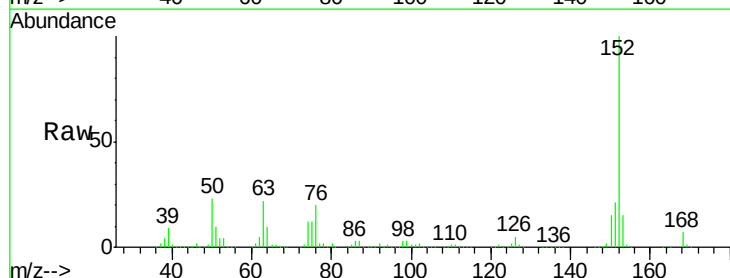
RT: 9.61 min Scan# 658

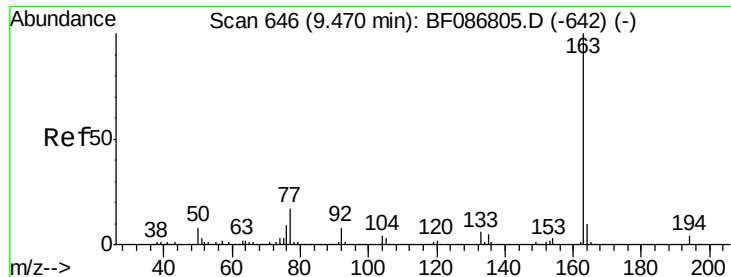
Delta R.T. -0.03 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion:	152	Resp:	1274049
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	14.7	10.9	16.3





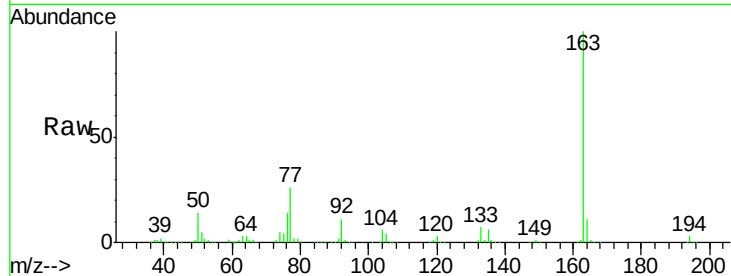
#49
Dimethylphthalate
Concen: 39.02 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

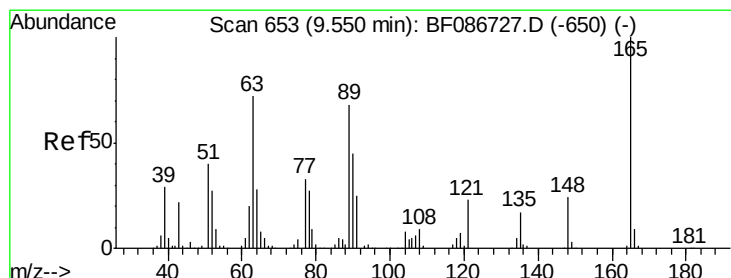
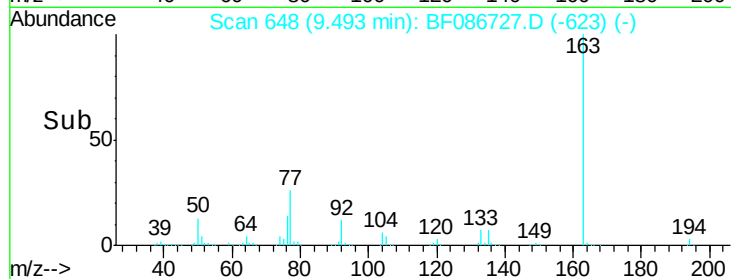
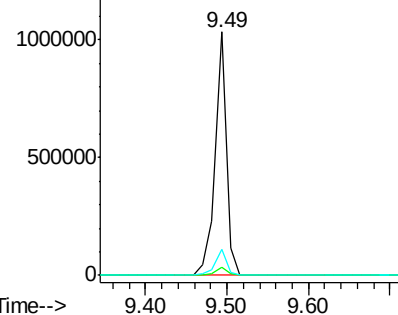
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.2	12.4

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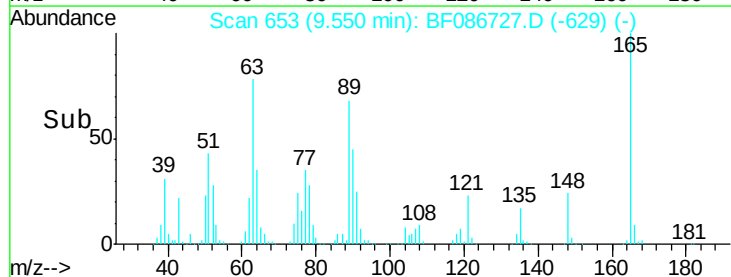
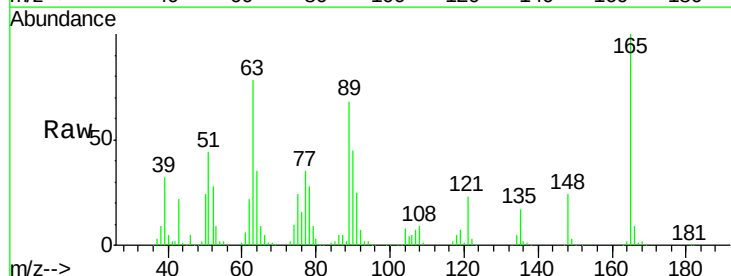
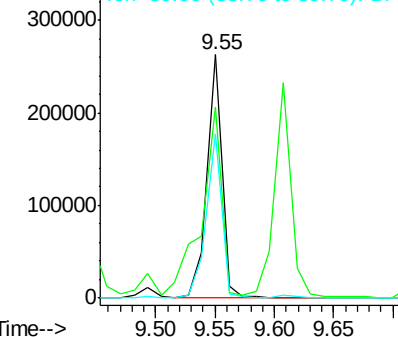
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

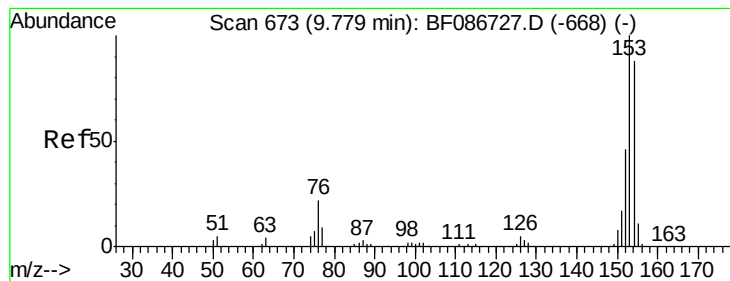


#50
2,6-Dinitrotoluene
Concen: 41.98 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	78.4	51.8	77.8#
89	67.5	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: 36.84 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086727.D

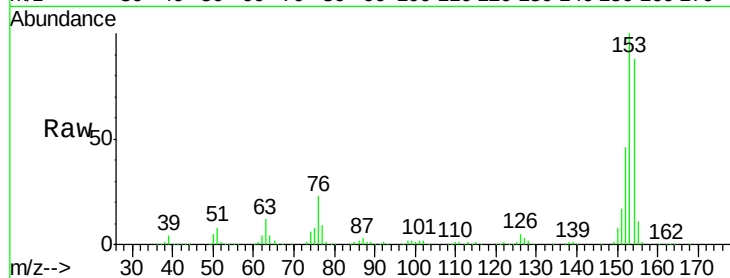
Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:154 Resp: 774099

Ion Ratio Lower Upper

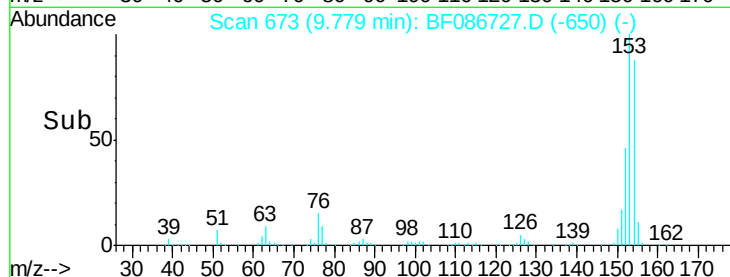
154 100

153 114.1 89.8 134.6

152 52.7 43.4 65.0

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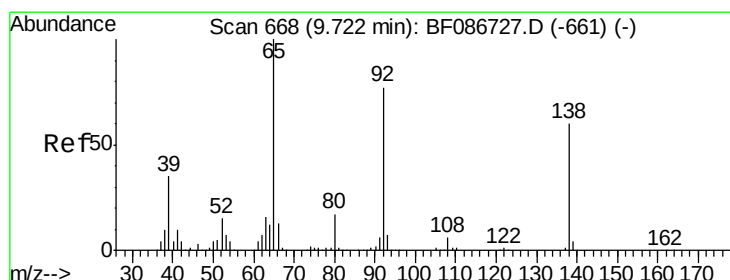
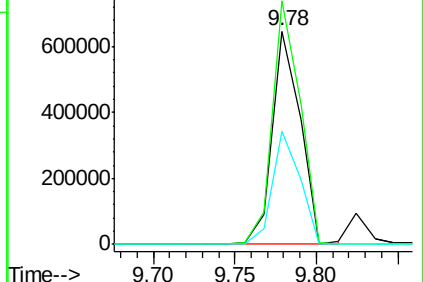
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.28 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

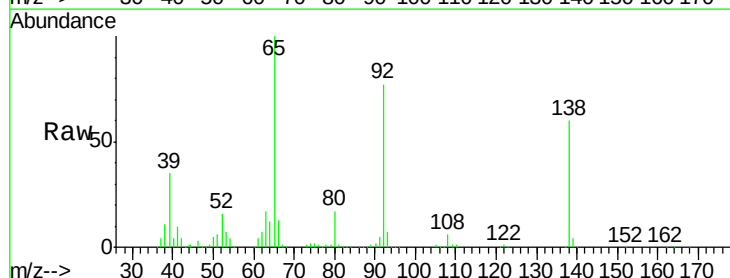
Tgt Ion:138 Resp: 211997

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.6

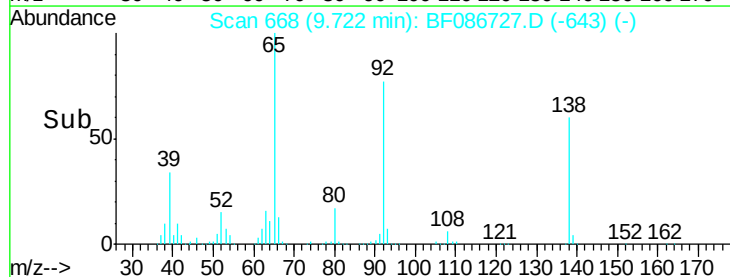
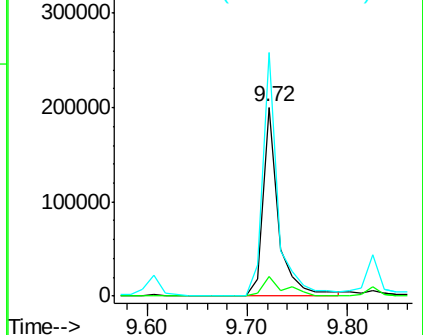
92 129.0 87.8 131.8

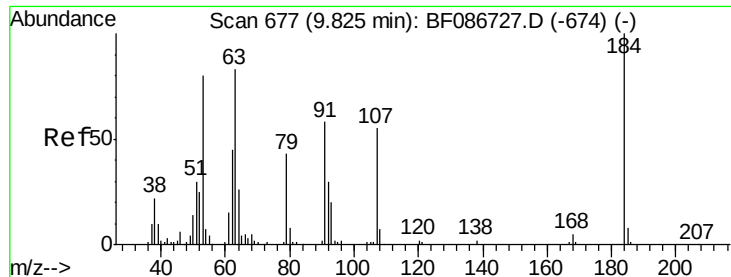


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





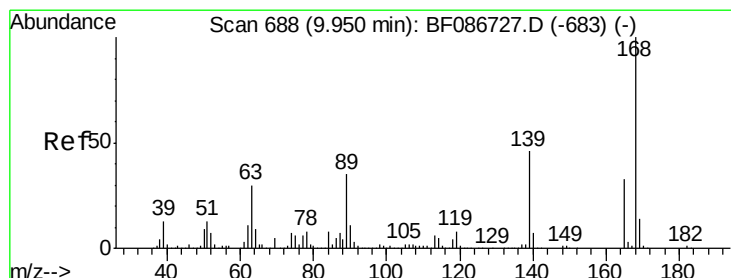
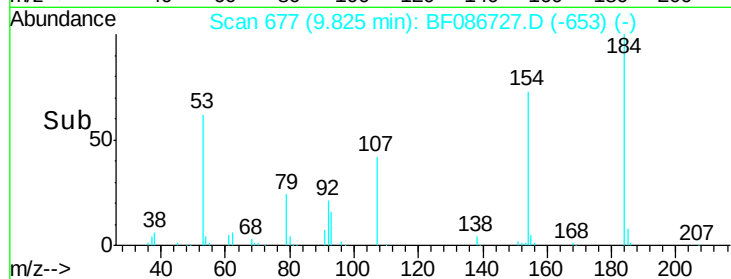
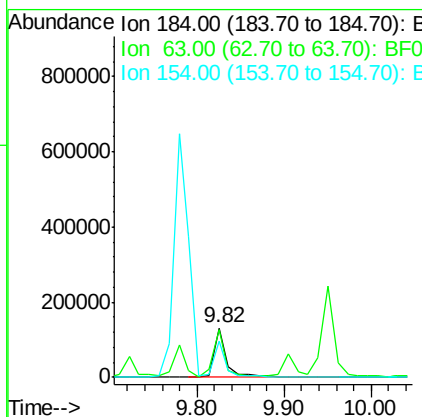
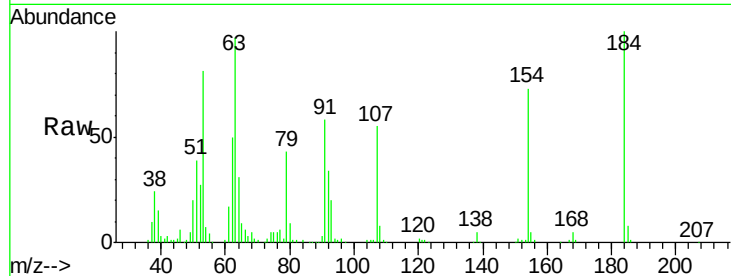
#53
 2,4-Dinitrophenol
 Concen: 66.60 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	132122		
63	96.5	55.8	83.8#	
154	72.6	62.4	93.6	

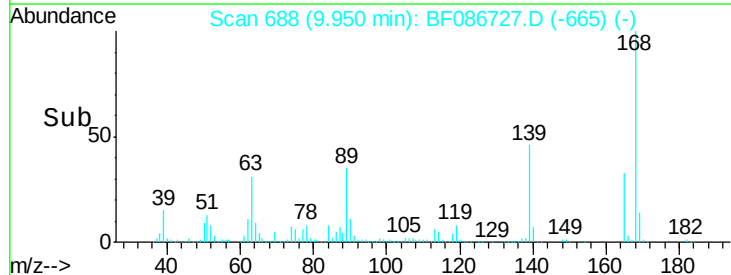
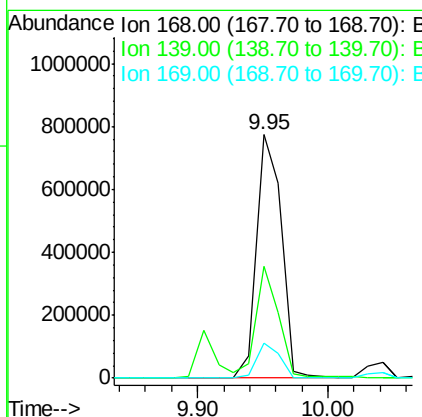
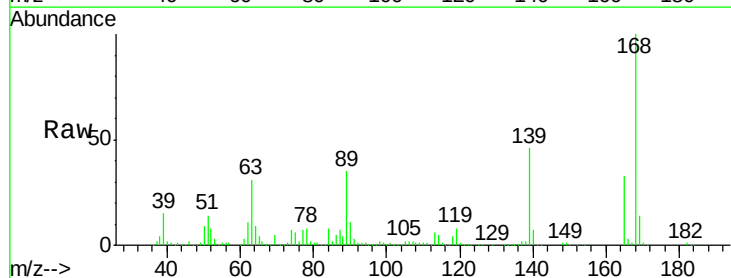
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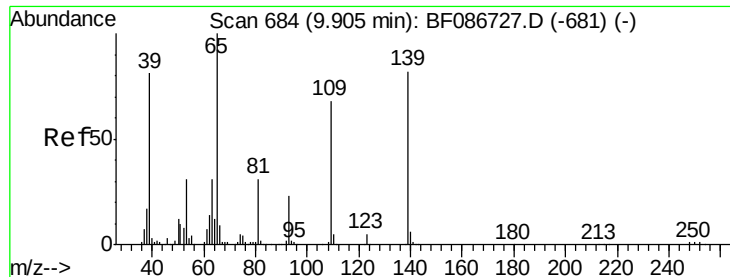
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#54
 Dibenzofuran
 Concen: 39.65 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1032605		
139	46.1	31.4	47.0	
169	14.2	10.7	16.1	





#55

4-Nitrophenol

Concen: 41.61 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:139 Resp: 150048
Ion Ratio Lower Upper

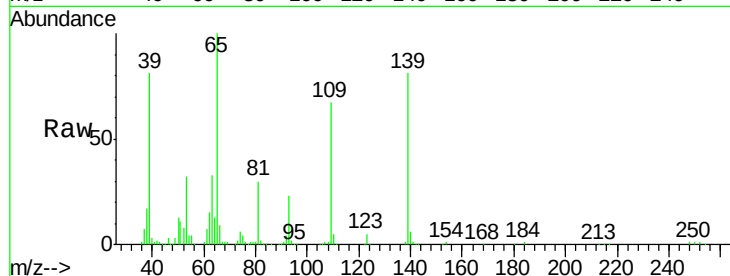
139 100

109 82.7 36.9 76.9#

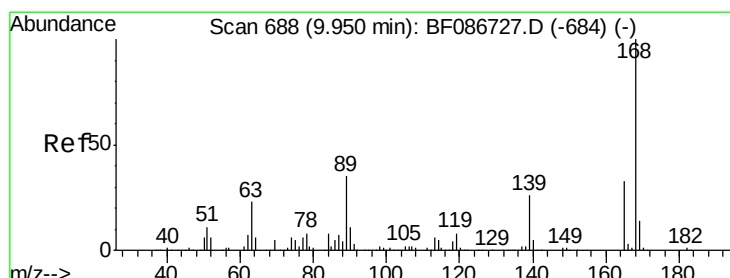
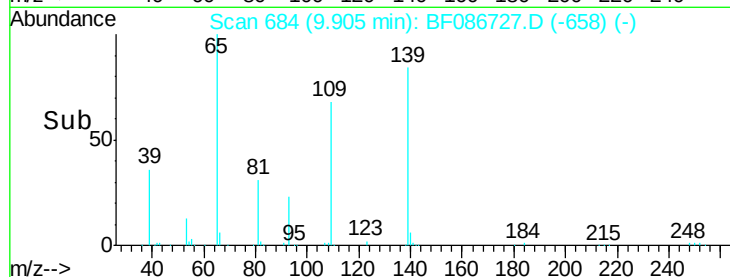
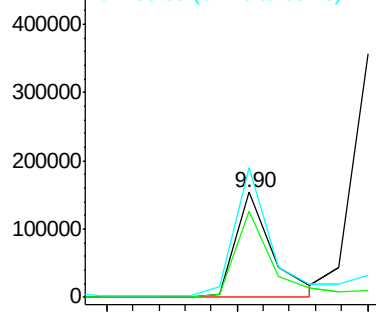
65 124.0 64.0 104.0#

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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



#56

2,4-Dinitrotoluene

Concen: 36.89 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion:165 Resp: 248704
Ion Ratio Lower Upper

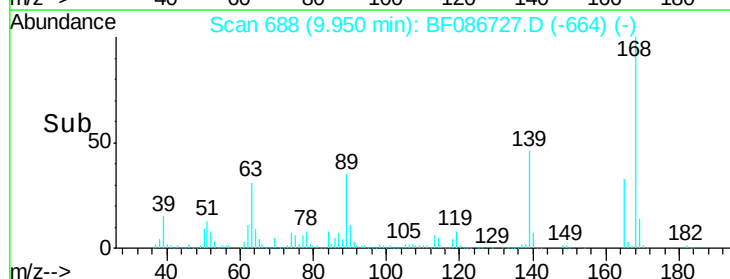
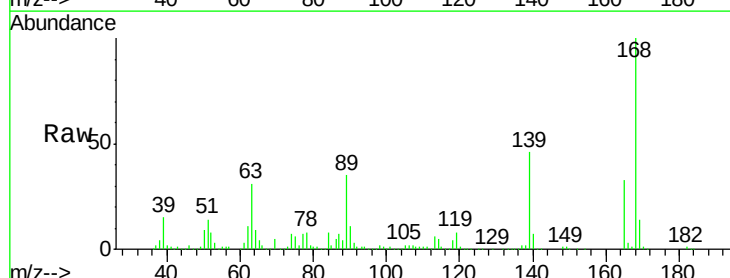
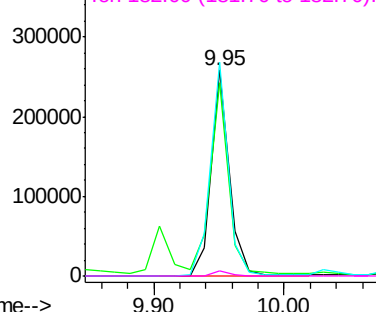
165 100

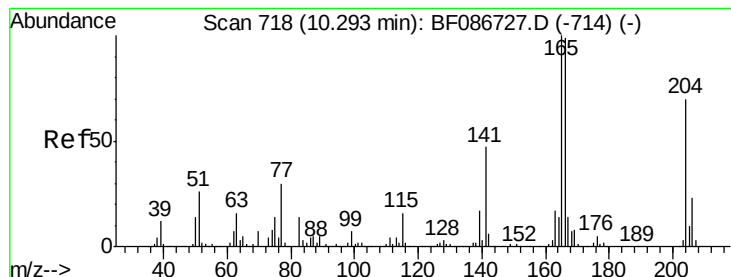
63 94.1 44.3 66.5#

89 103.9 70.0 105.0

182 2.3 1.8 2.6

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.21 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF086727.D

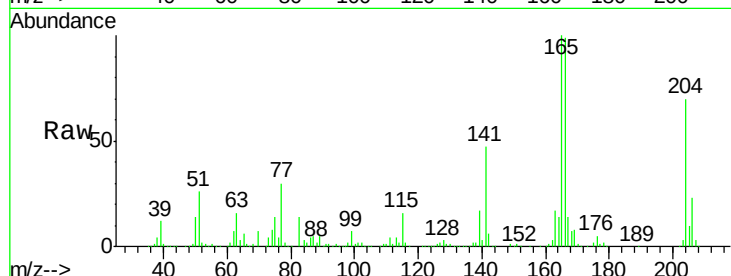
Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:166 Resp: 785414

Ion Ratio Lower Upper

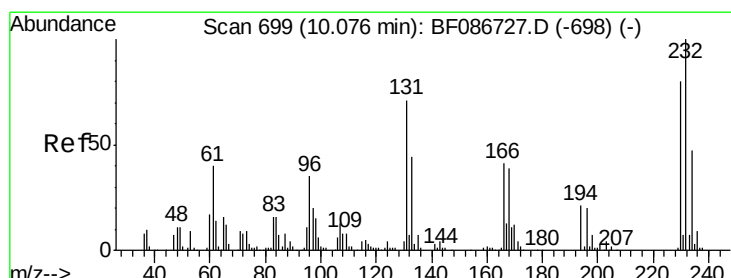
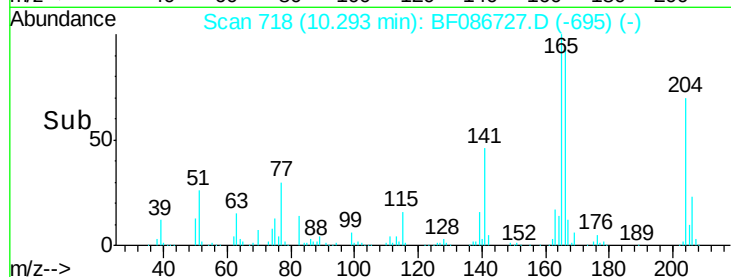
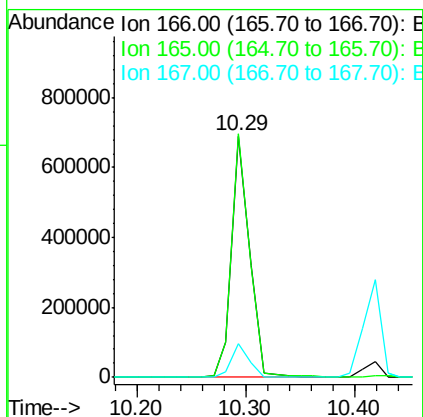
166 100

165 100.8 79.0 118.6

167 14.1 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.95 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion:232 Resp: 206295

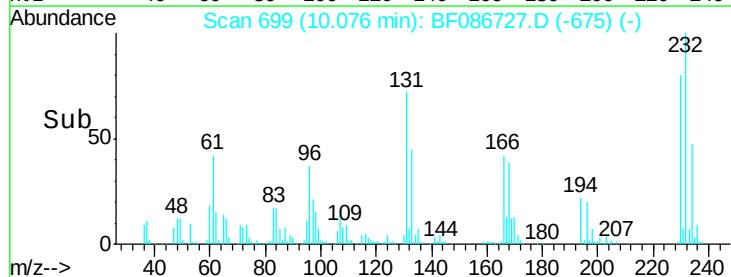
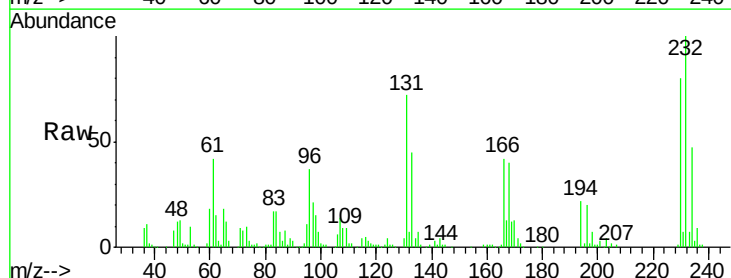
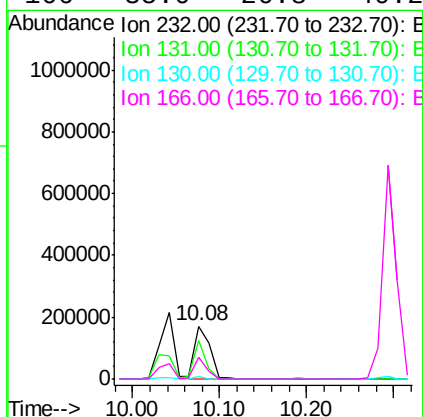
Ion Ratio Lower Upper

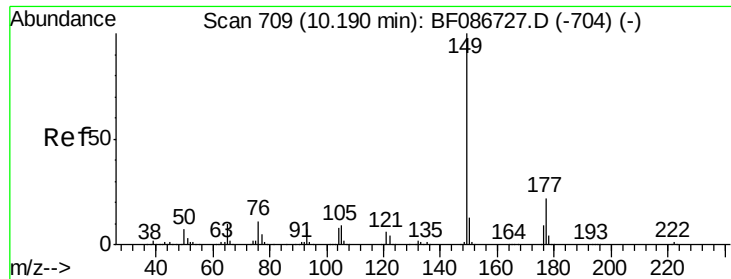
232 100

131 55.3 41.9 62.9

130 3.1 2.2 3.4

166 35.0 26.8 40.2





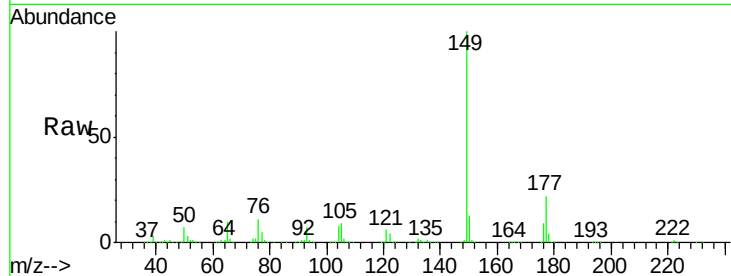
#59
Diethylphthalate
Concen: 44.54 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

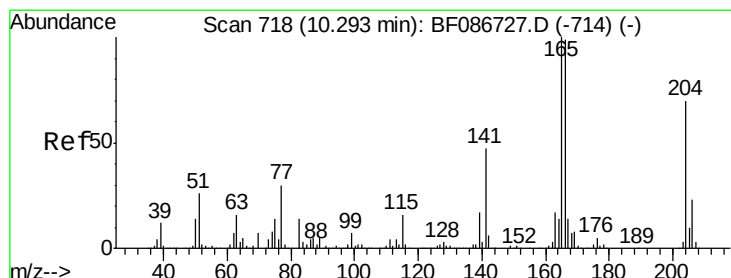
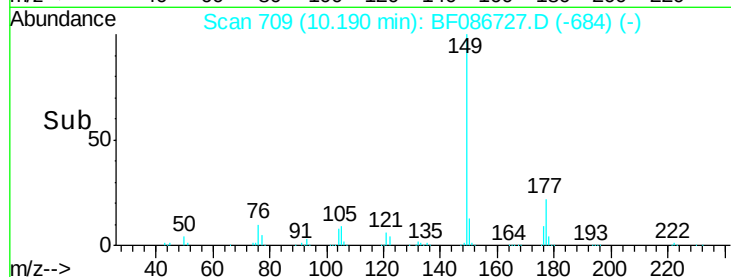
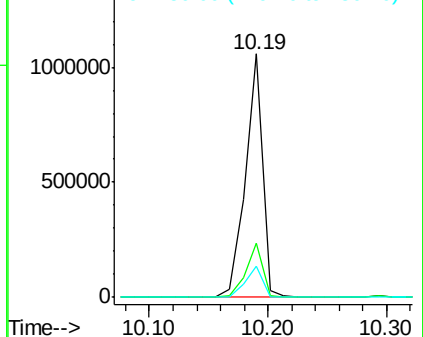
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.6	24.8
150	12.7	10.0	15.0

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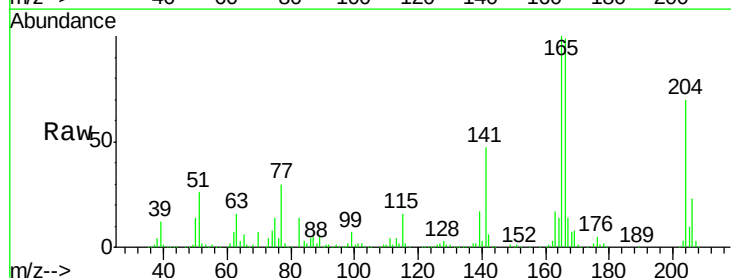


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

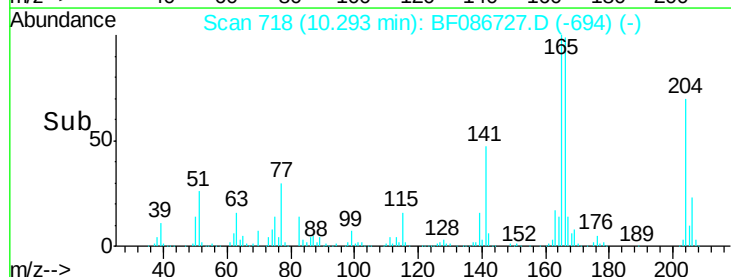
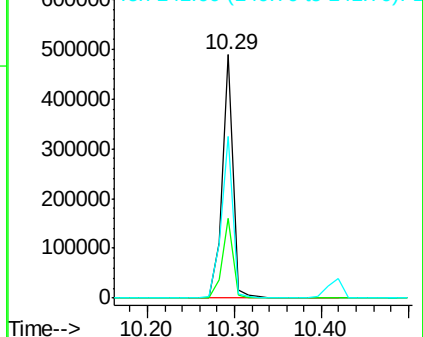


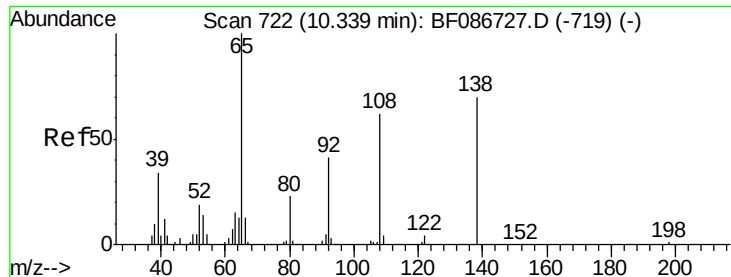
#60
4-Chlorophenyl-phenylether
Concen: 43.23 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.4	38.0
141	66.4	61.6	92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.71 ng m

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

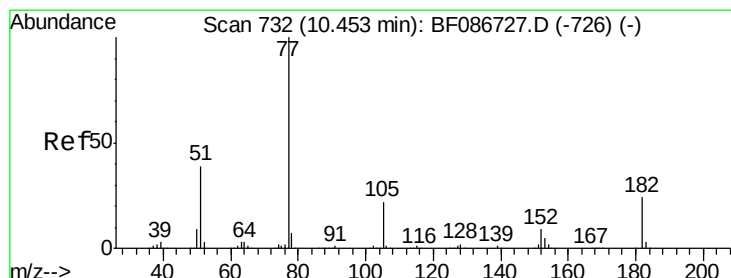
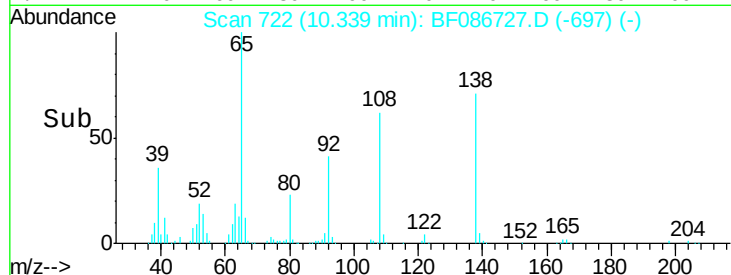
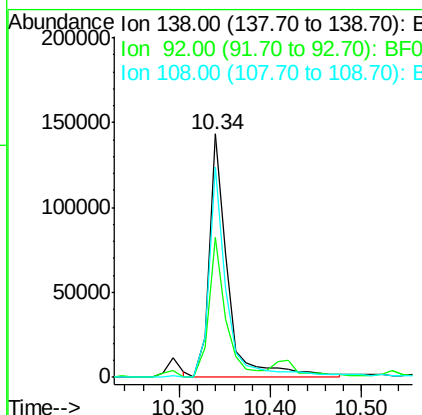
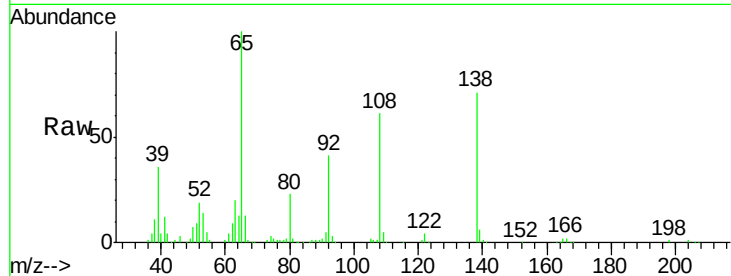
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	24.7	64.7
108	86.2	37.4	77.4#

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5/9/2016 7:17:10 PM



#62

Azobenzene

Concen: 43.15 ng

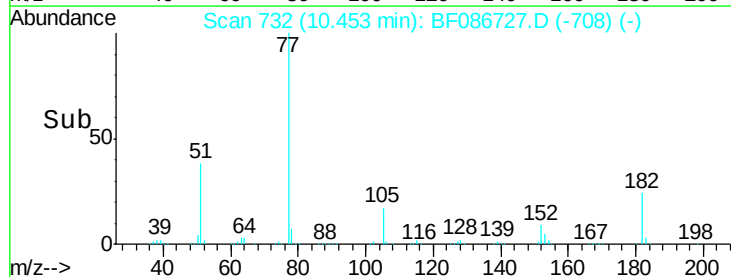
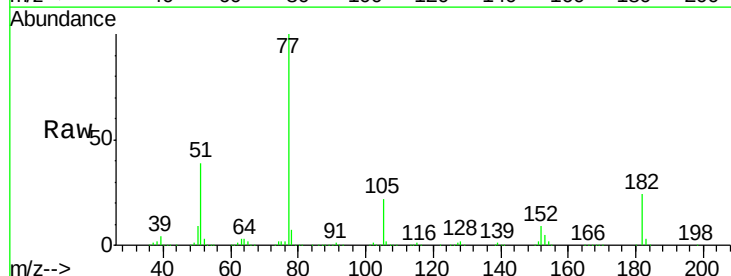
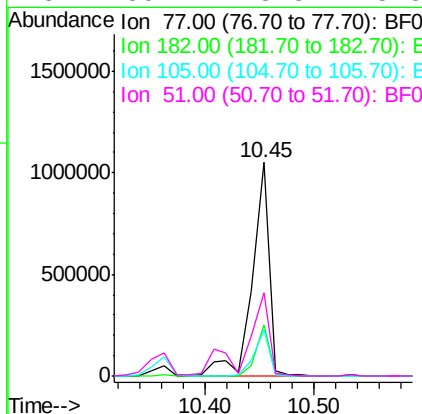
RT: 10.45 min Scan# 732

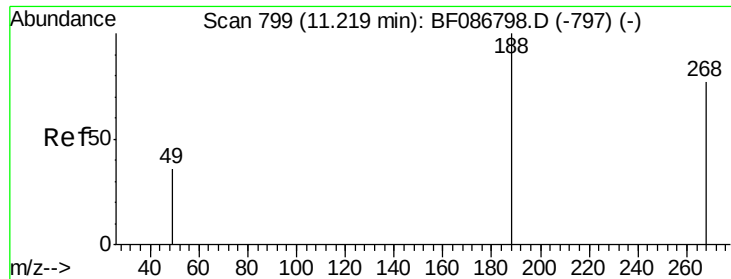
Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	0.0	38.8
105	21.7	3.2	43.2
51	39.2	8.8	48.8





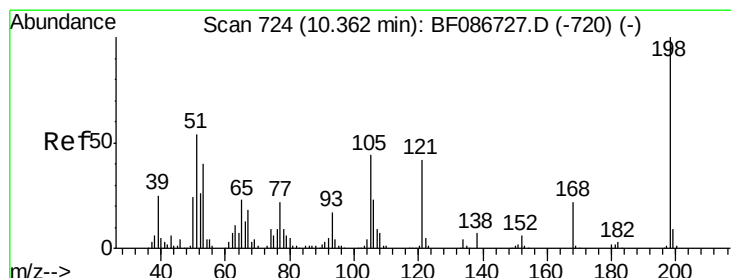
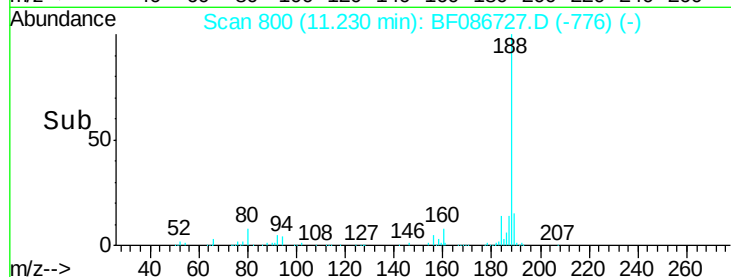
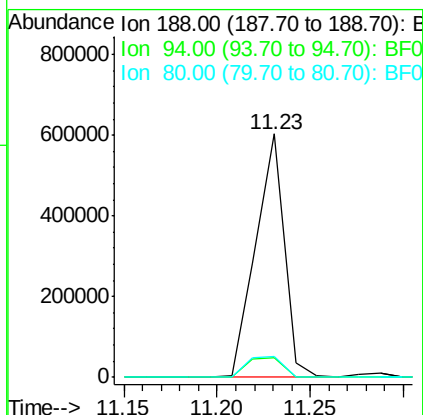
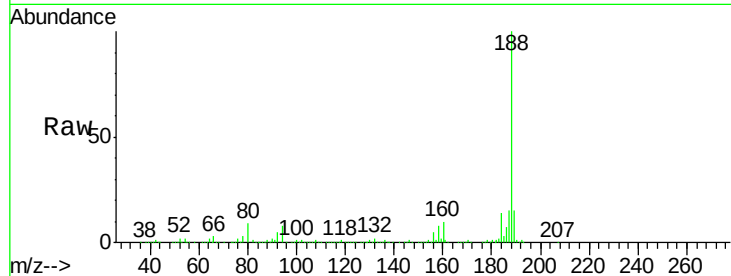
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	6.8	10.2
80	8.6	7.1	10.7

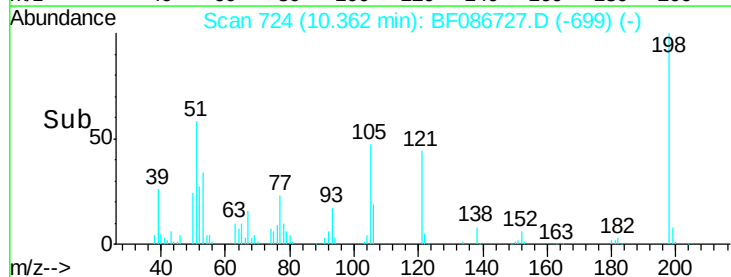
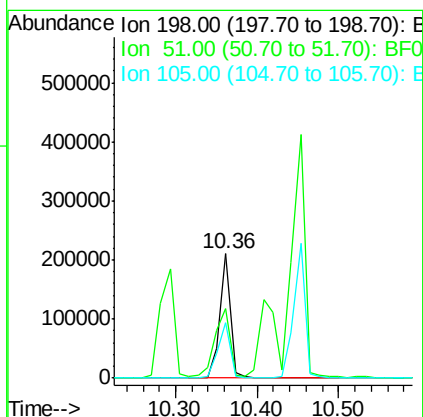
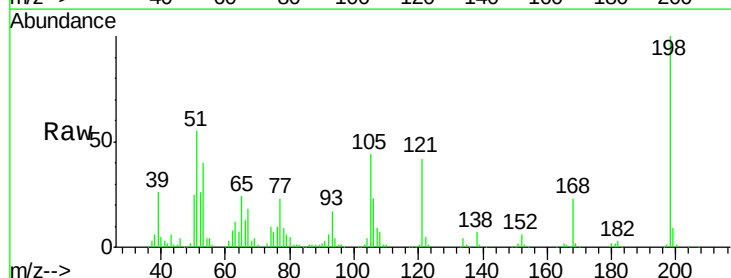
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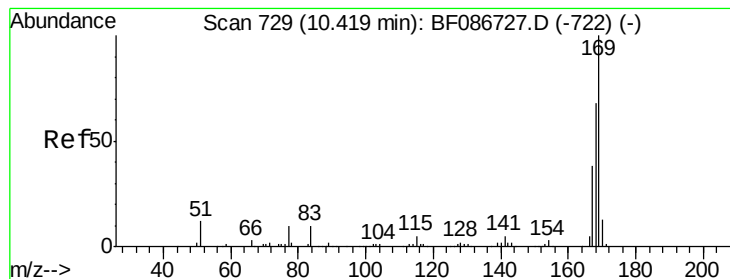
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.07 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	55.4	20.5	60.5
105	44.3	24.5	64.5





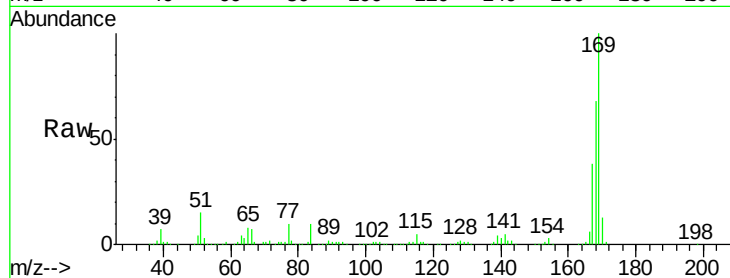
#65
n-Nitrosodiphenylamine
Concen: 39.97 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

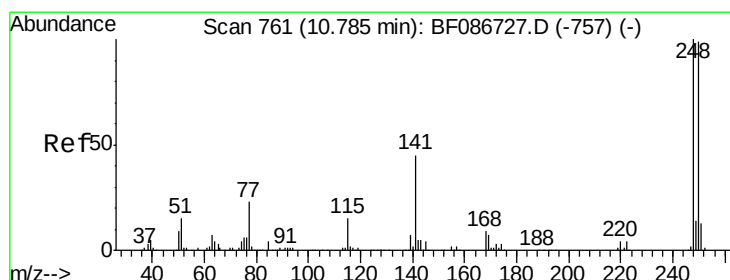
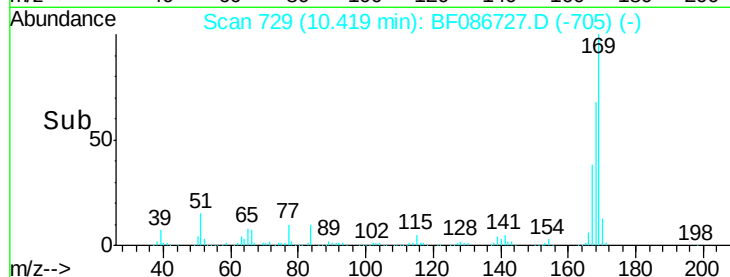
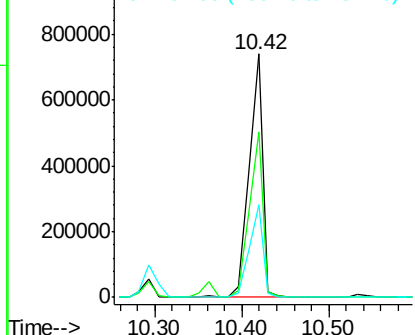
Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.8	53.8	80.6
167	37.8	29.5	44.3

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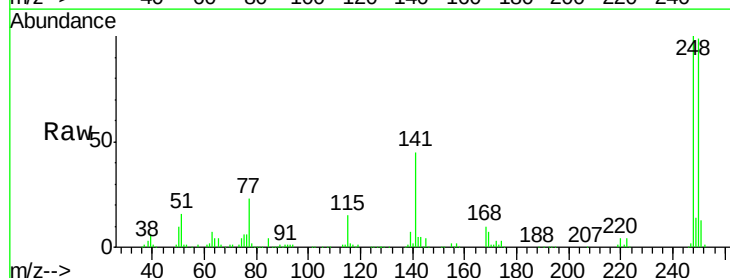


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

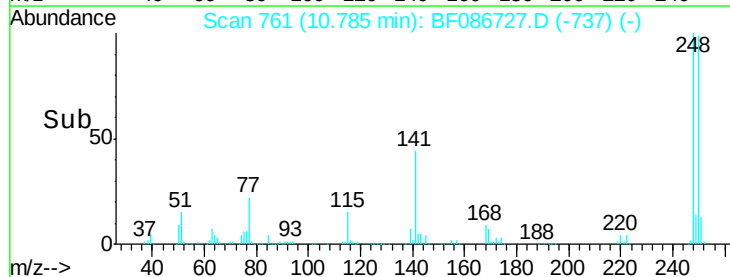
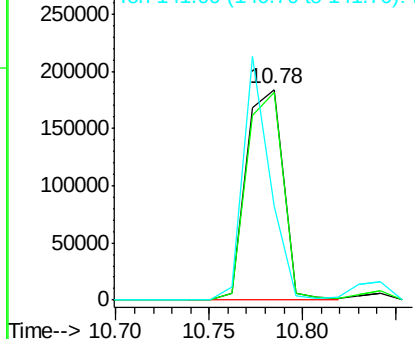


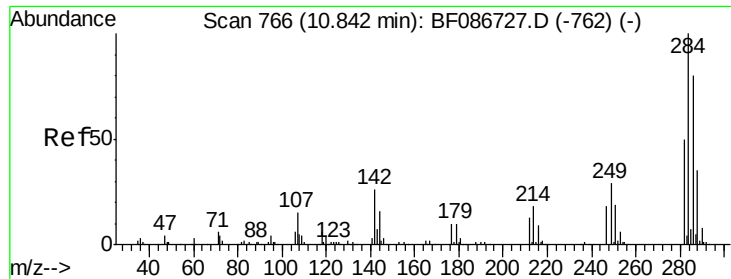
#66
4-Bromophenyl-phenylether
Concen: 39.65 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.8	78.6	117.8
141	44.7	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





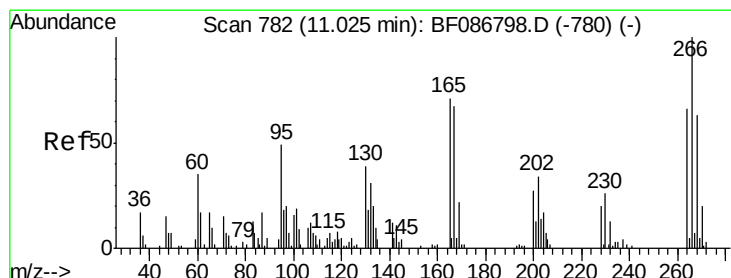
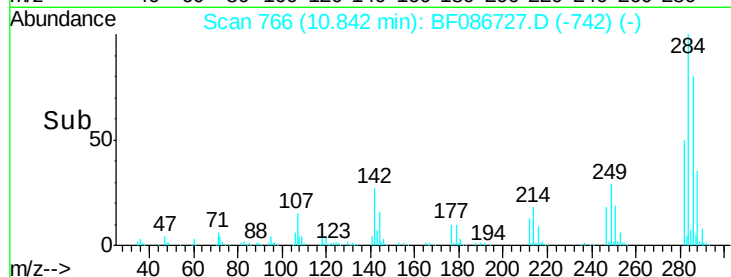
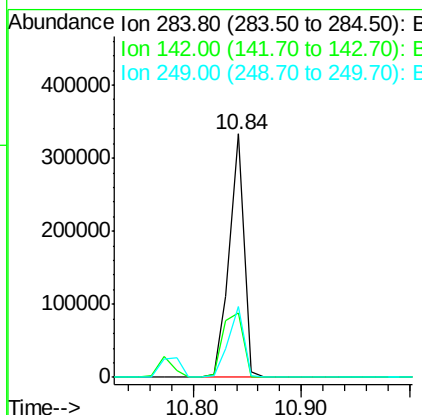
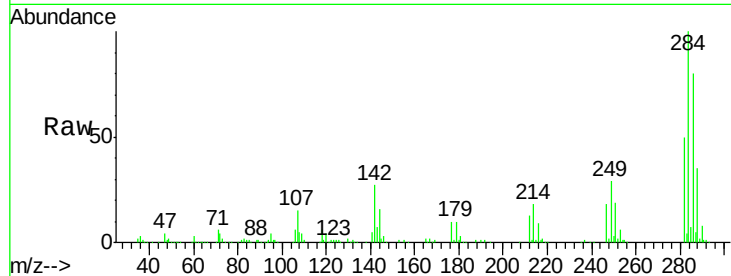
#67
Hexachlorobenzene
Concen: 40.41 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	314491		
142	26.6	16.7	25.1#	
249	29.1	21.3	31.9	

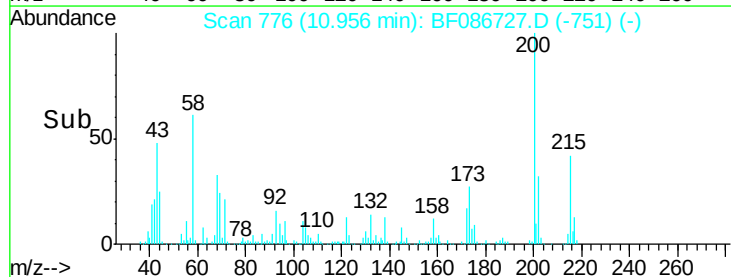
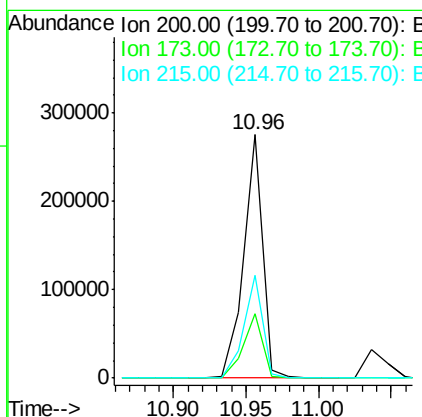
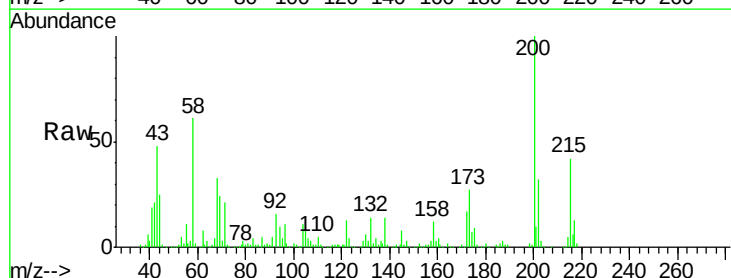
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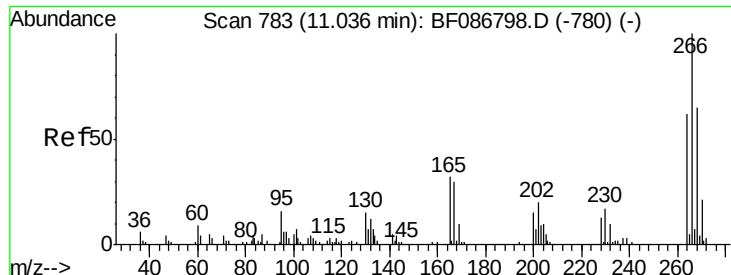
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5/9/2016 7:17:10 PM



#68
Atrazine
Concen: 39.89 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	249314		
173	26.7	8.5	48.5	
215	42.5	27.2	67.2	





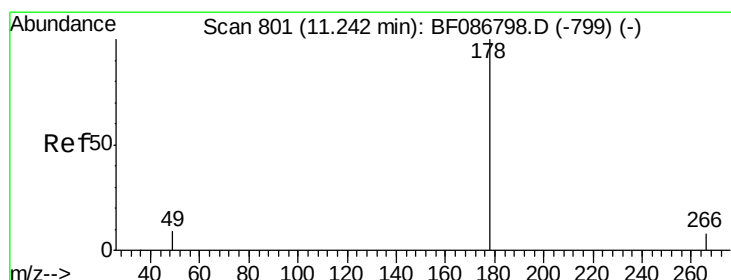
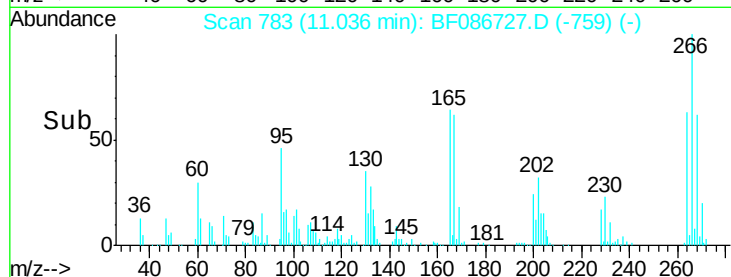
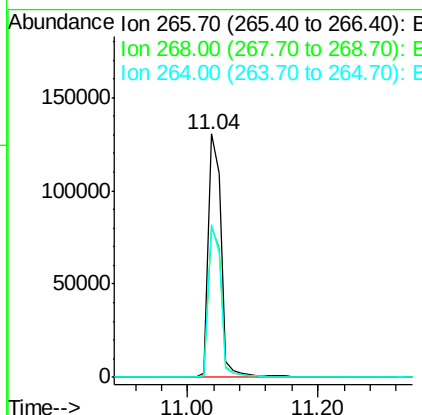
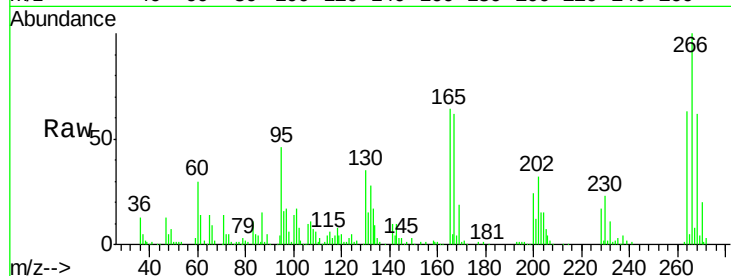
#69
 Pentachlorophenol
 Concen: 50.25 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	180964		
268	61.7	51.5	77.3	
264	62.6	52.9	79.3	

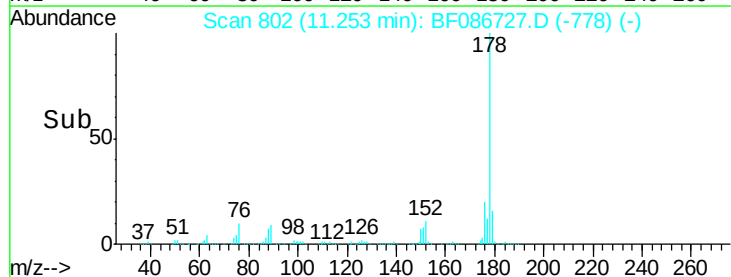
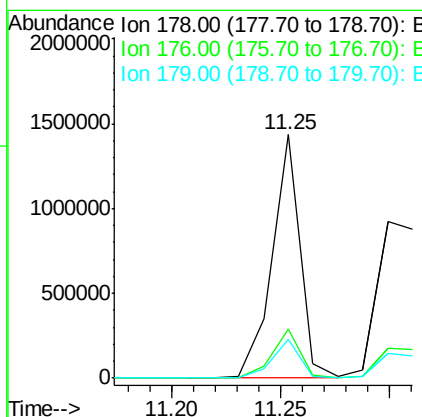
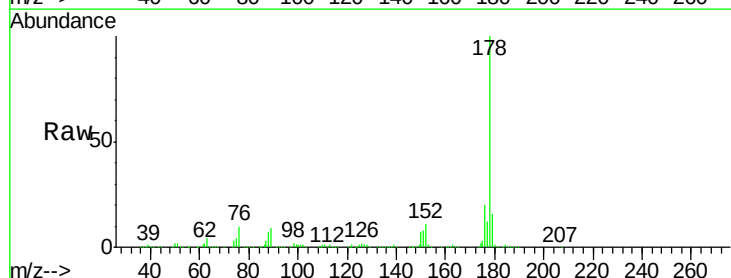
Manual Integrations
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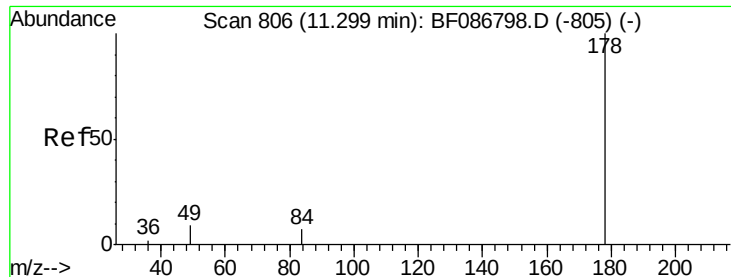
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#70
 Phenanthrene
 Concen: 37.56 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1295589		
176	20.4	16.0	24.0	
179	16.1	12.6	18.8	





#71

Anthracene

Concen: 36.84 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1331009

Ion Ratio Lower Upper

178 100

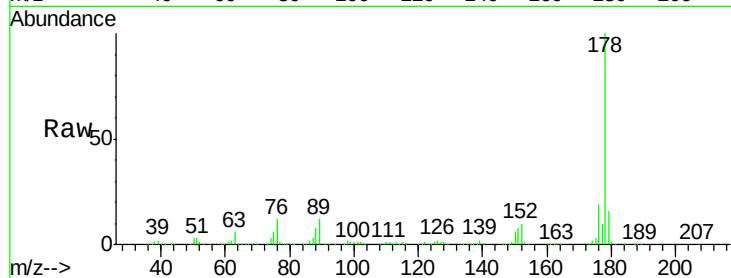
176 19.4 15.6 23.4

179 16.2 12.7 19.1

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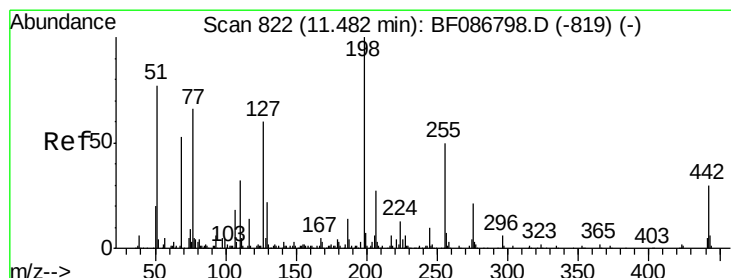
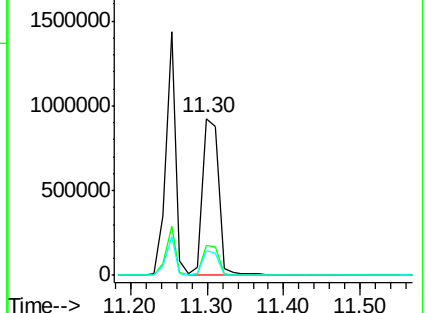
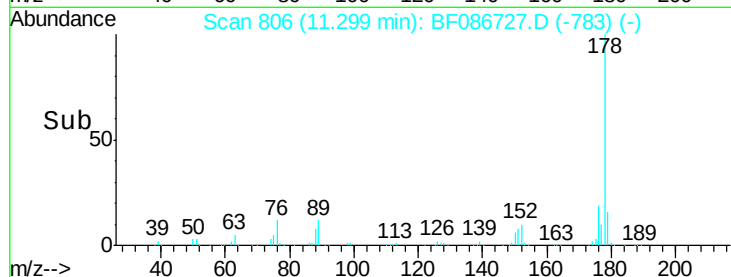
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.44 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

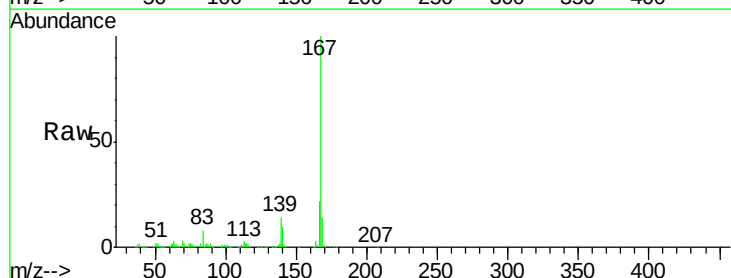
Tgt Ion:167 Resp: 1237254

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

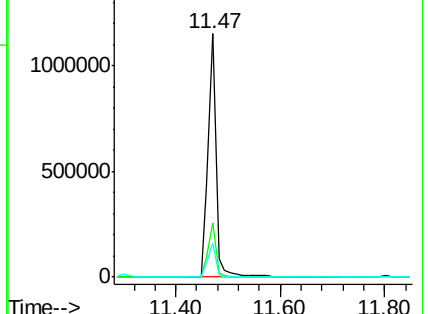
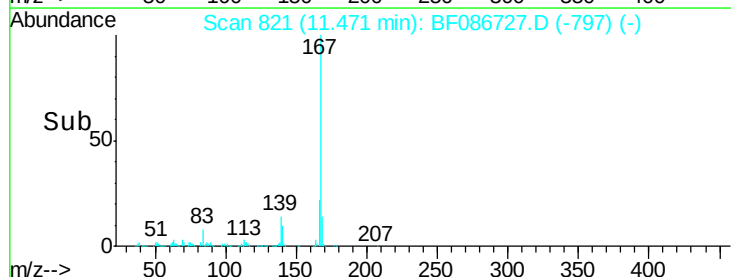
139 13.7 10.8 16.2

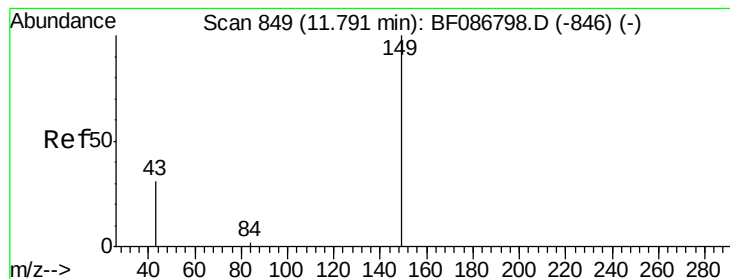


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.72 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

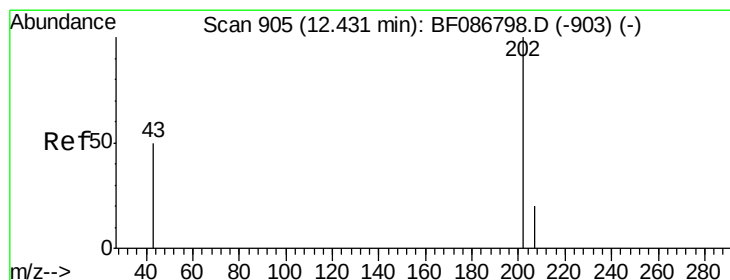
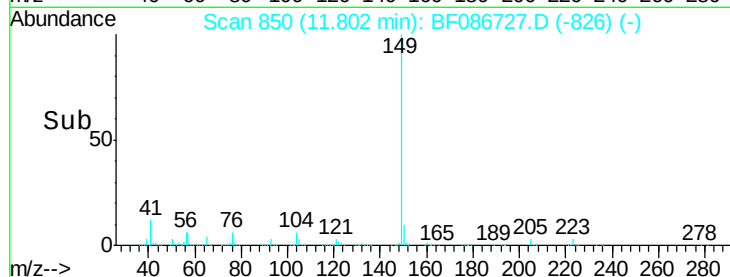
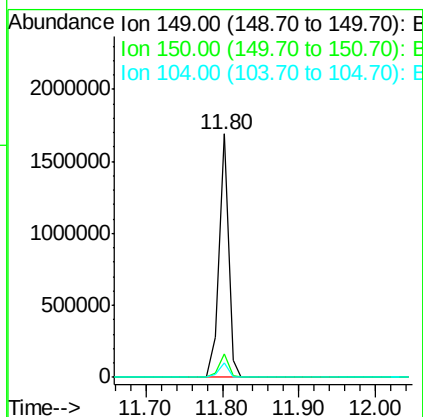
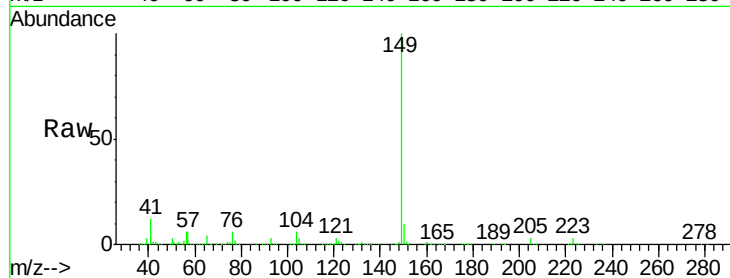
ClientSampleId :

SSTDCCC040

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Tgt Ion:149 Resp: 1442126
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 6.1 3.8 5.6#



#74

Fluoranthene

Concen: 35.91 ng

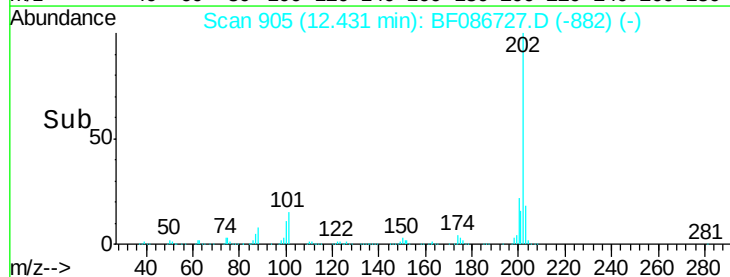
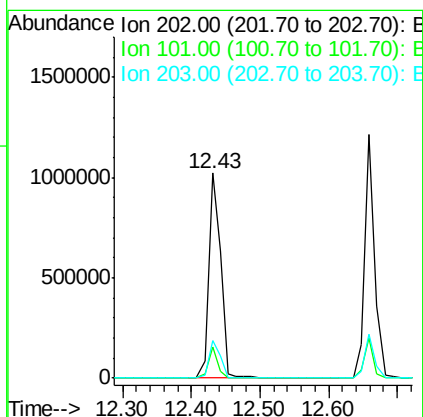
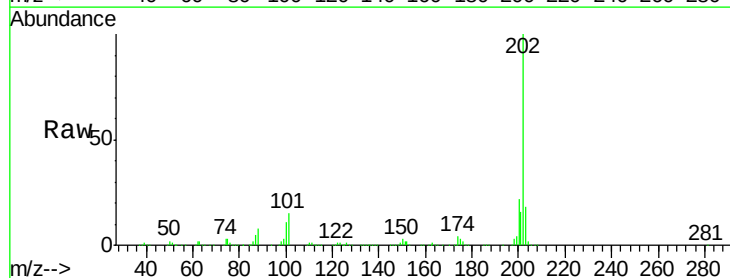
RT: 12.43 min Scan# 905

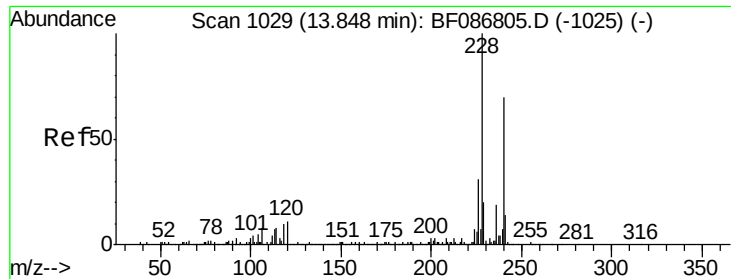
Delta R.T. -0.03 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion:202 Resp: 1241639
Ion Ratio Lower Upper
202 100
101 15.3 0.0 35.4
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF086727.D

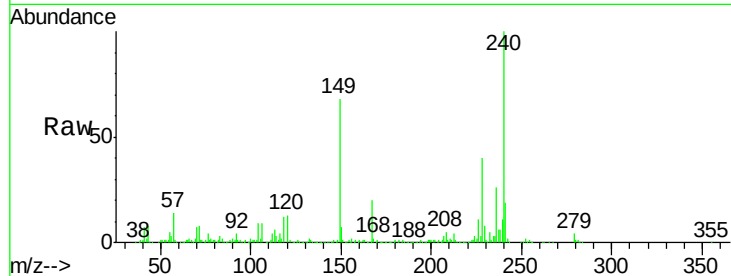
Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

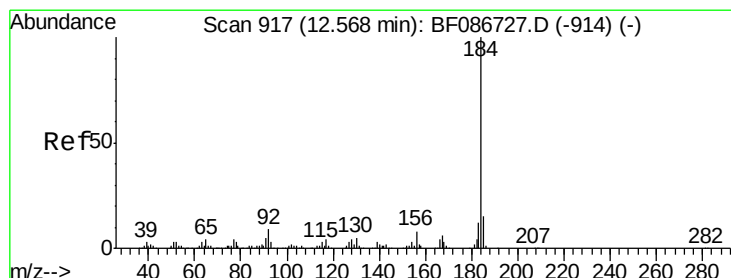
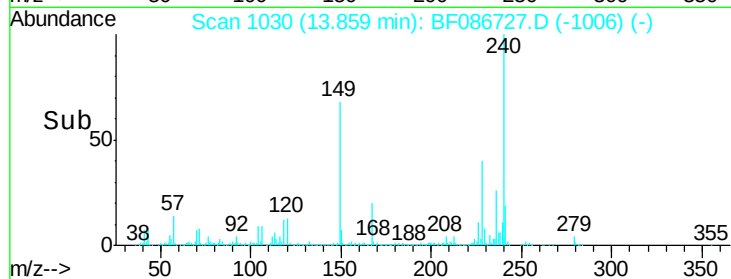
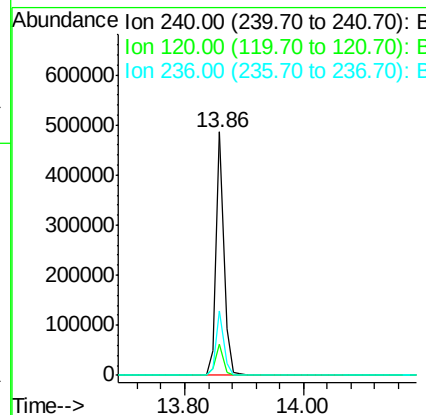
SSTDCCC040



Tgt Ion:	240	Resp:	445094
Ion Ratio	Lower	Upper	
240	100		
120	12.8	11.2	16.8
236	26.4	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 37.99 ng

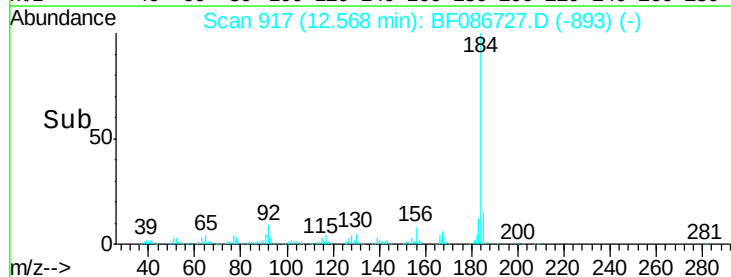
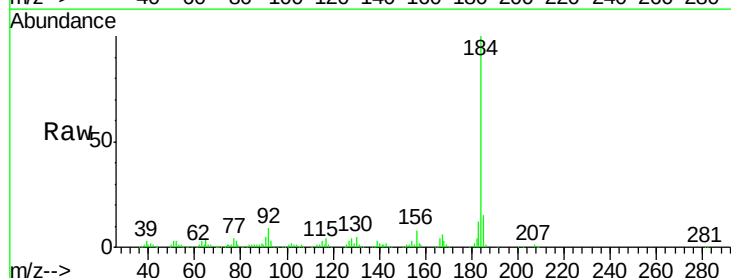
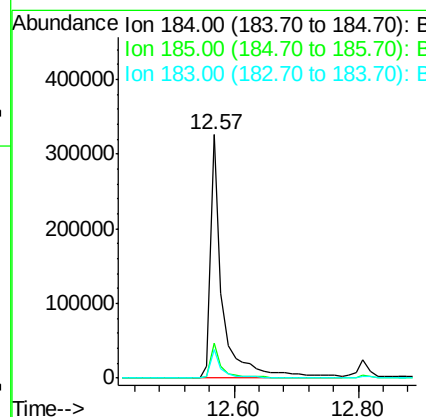
RT: 12.57 min Scan# 917

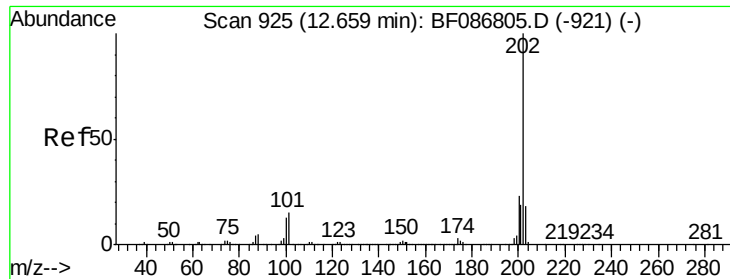
Delta R.T. -0.02 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Tgt Ion:	184	Resp:	442041
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.6	20.4
183	11.8	9.8	14.6





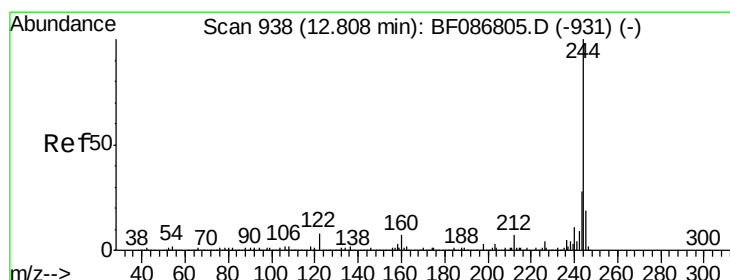
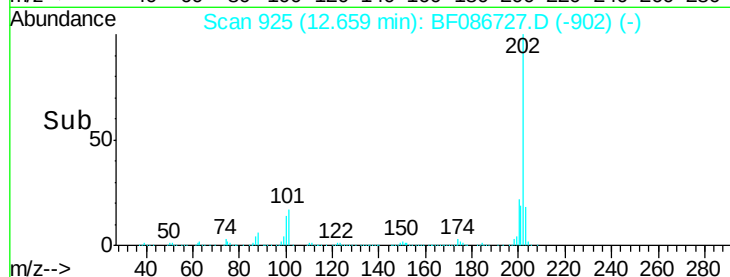
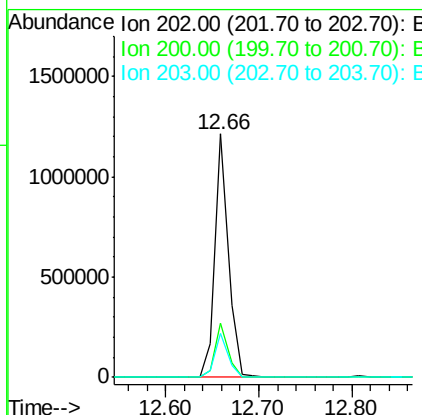
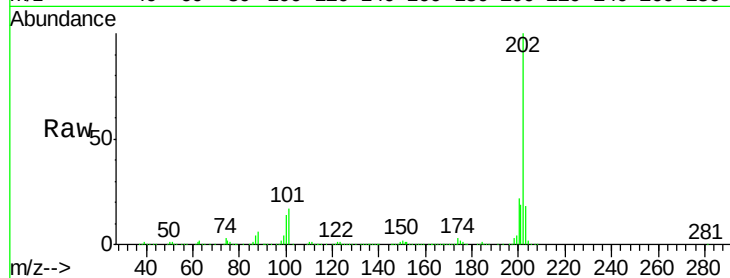
#77
Pyrene
 Concen: 34.24 ng
 RT: 12.66 min Scan# 925
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.1	14.2	21.4

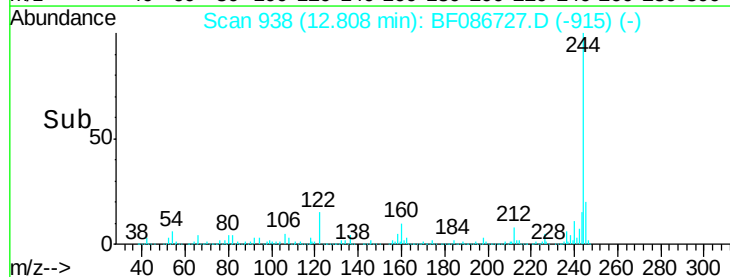
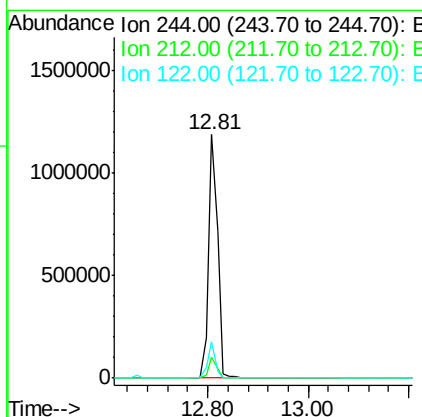
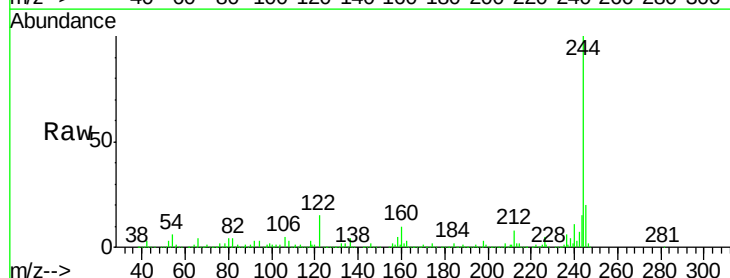
Manual Integrations
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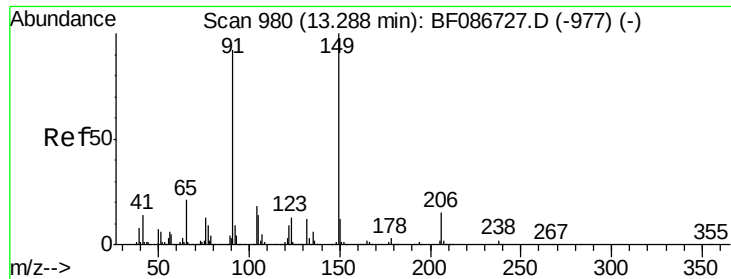
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#78
Terphenyl-d14
 Concen: 67.34 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	14.9	12.0	18.0





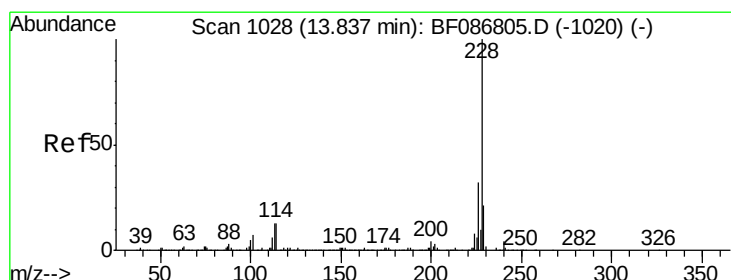
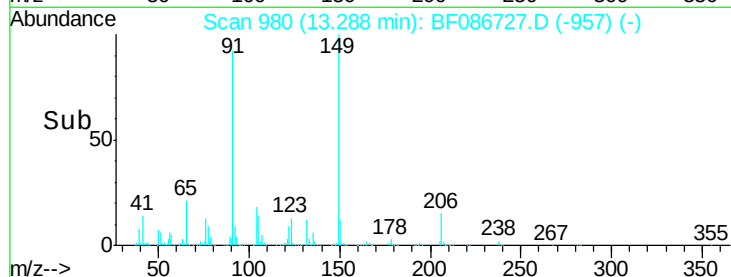
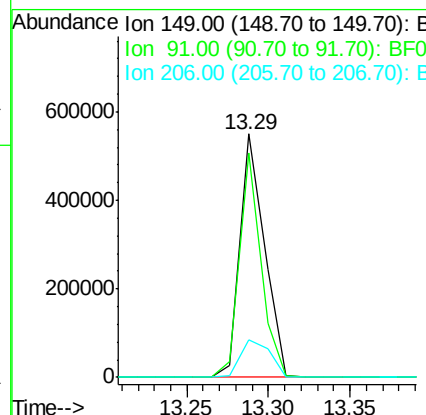
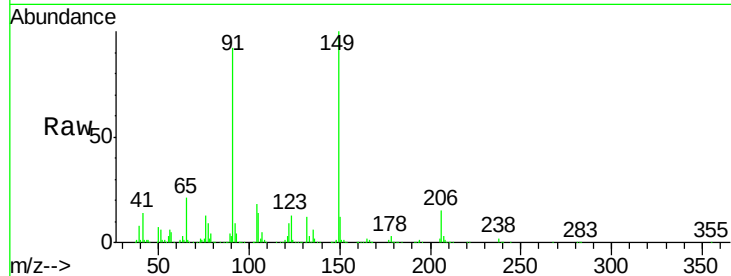
#79
Butylbenzylphthalate
Concen: 38.26 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	92.0	48.0	72.0#
206	15.3	15.8	23.6#

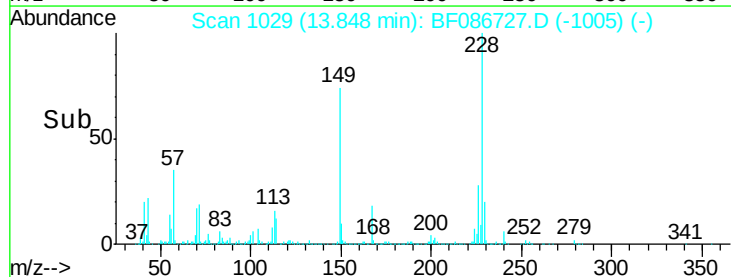
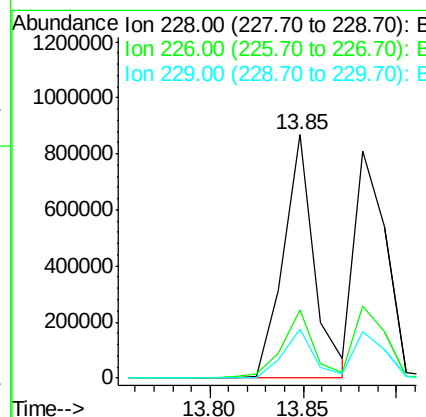
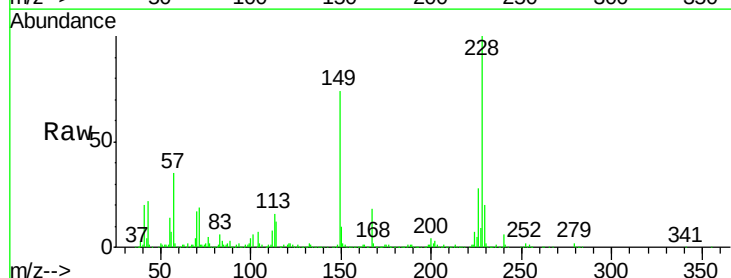
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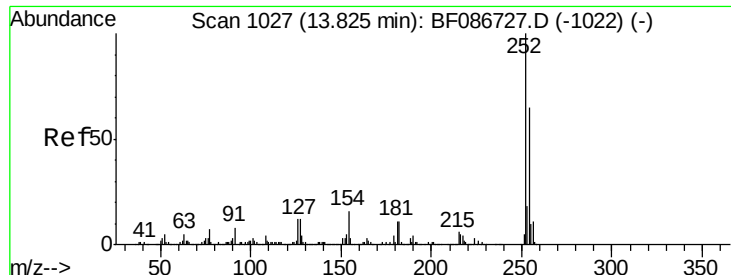
Sohil
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#80
Benzo(a)anthracene
Concen: 39.63 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF086727.D
Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.5	33.7
229	20.3	16.6	25.0





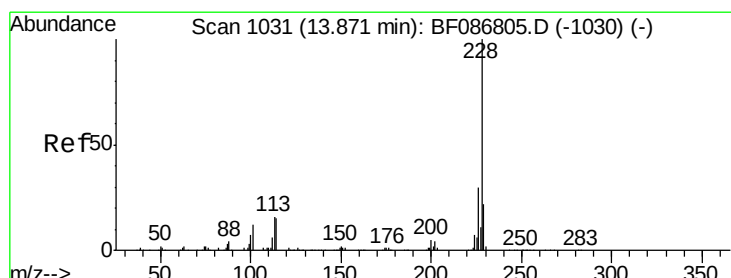
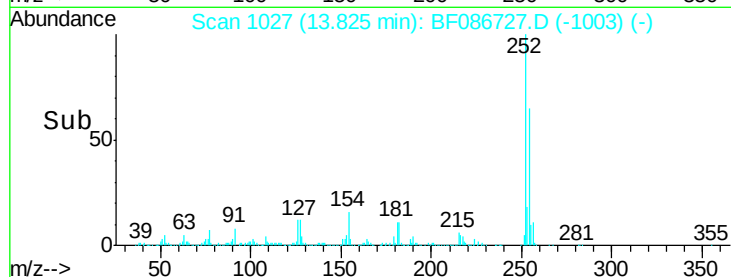
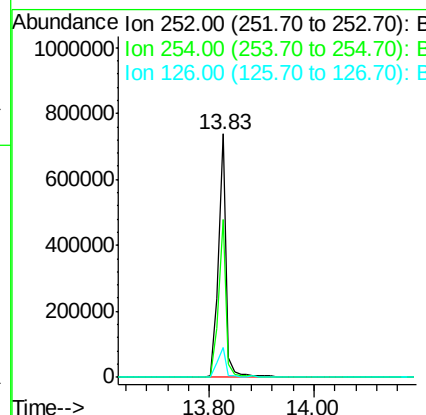
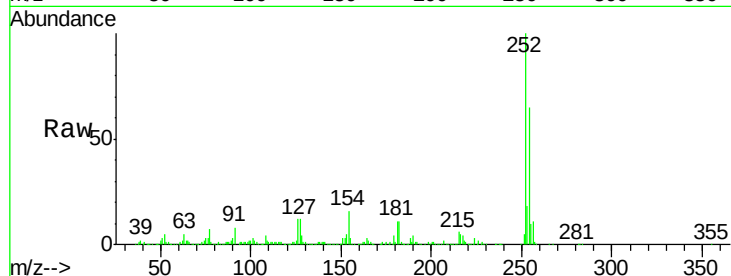
#81
 3,3'-Dichlorobenzidine
 Concen: 48.17 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.7	76.1
126	12.0	12.7	19.1

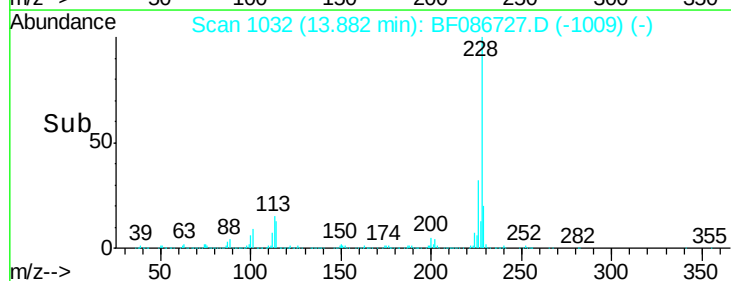
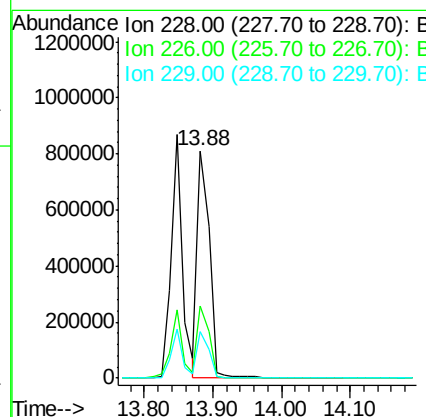
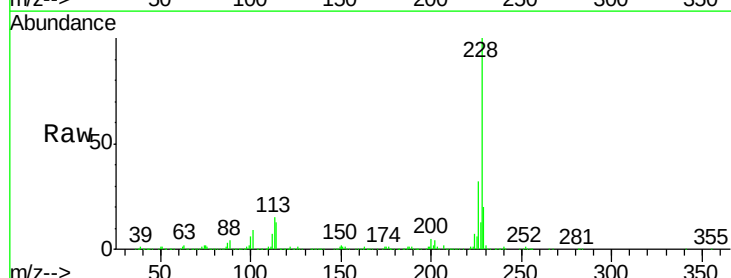
Manual Integrations
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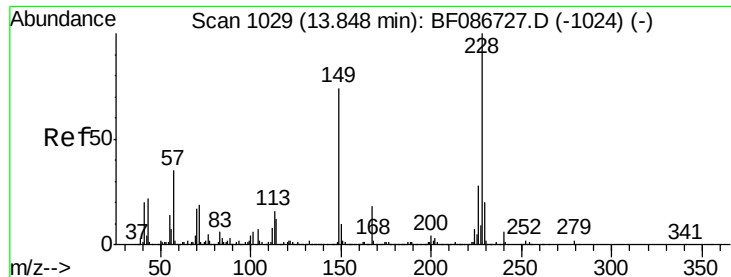
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#82
 Chrysene
 Concen: 36.05 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.4	36.6
229	20.4	15.8	23.8





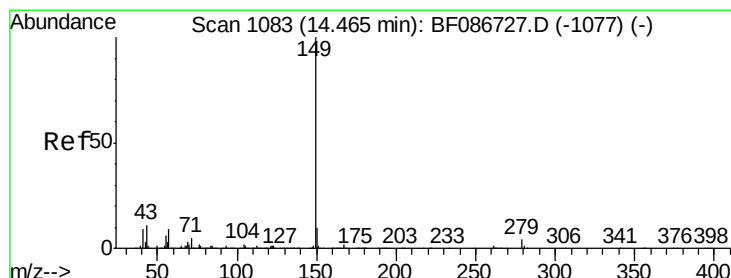
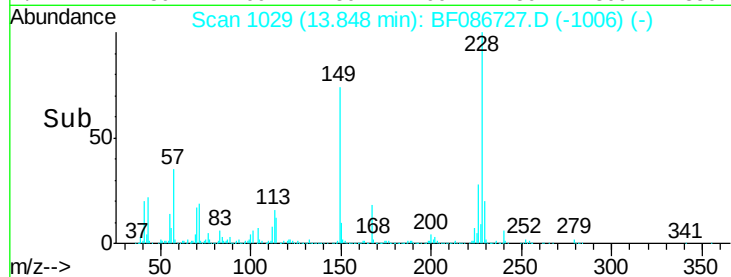
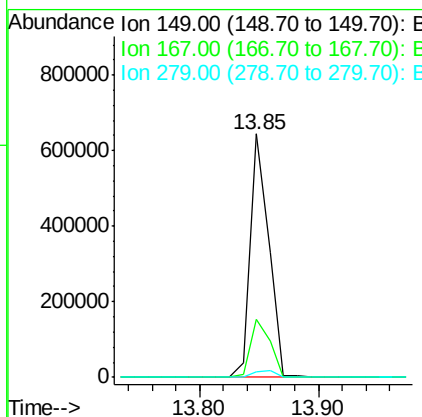
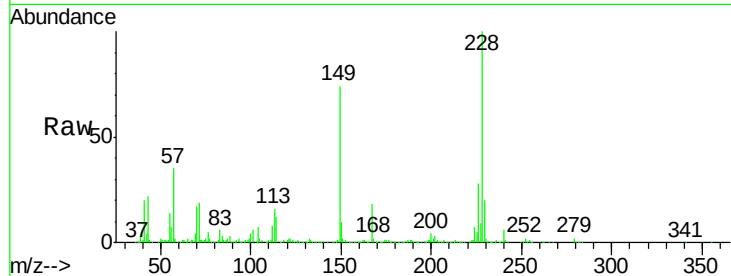
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.82 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	702165		
167	23.9	21.8	32.6	
279	2.2	2.6	4.0	

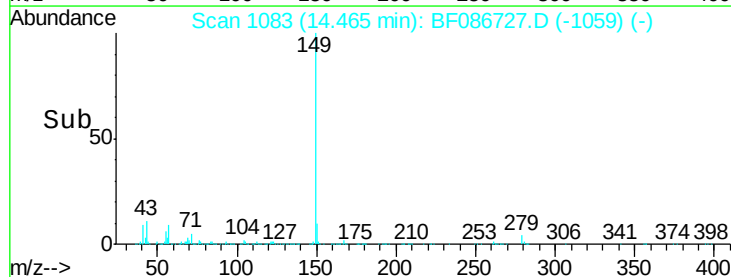
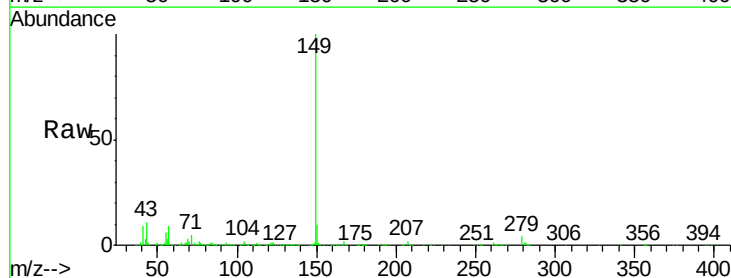
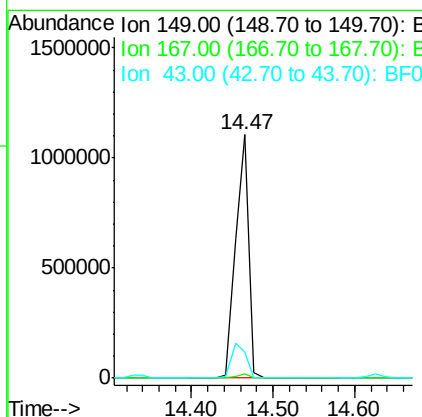
Manual Integrations
 APPROVED

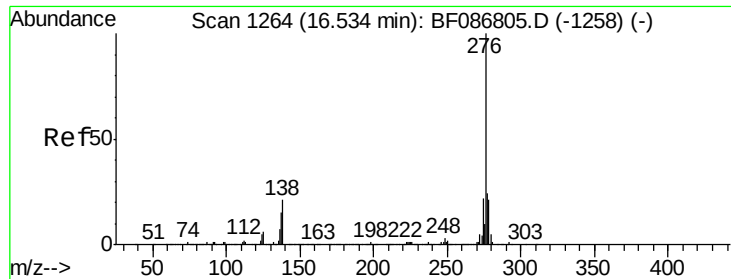
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#84
 Di-n-octyl phthalate
 Concen: 48.42 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1225539		
167	1.5	1.2	1.8	
43	16.2	8.2	12.4	





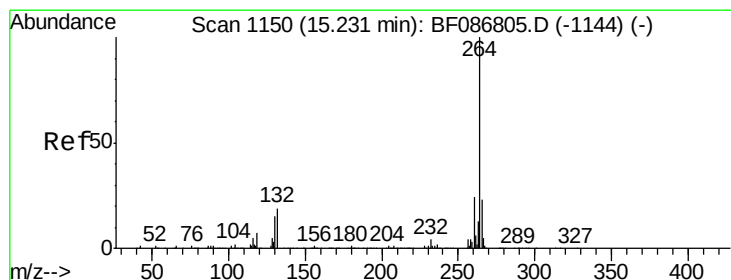
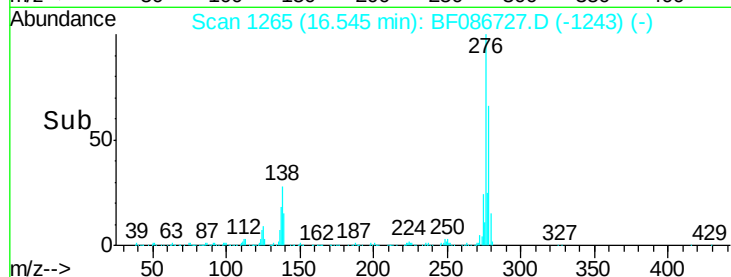
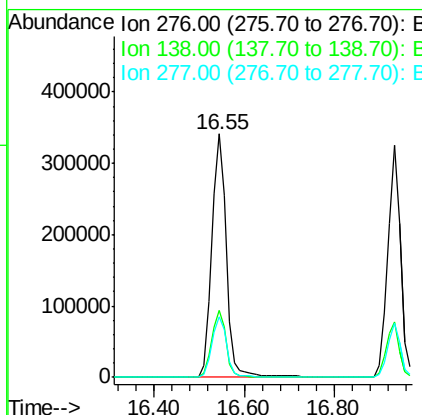
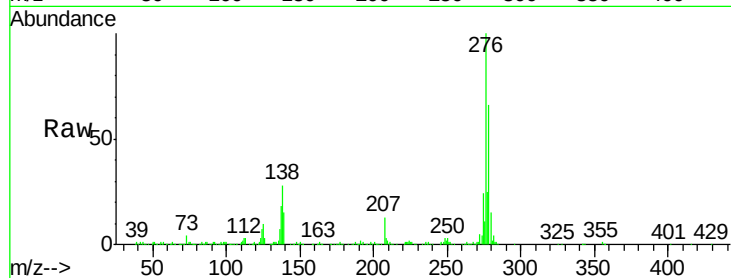
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.57 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. -0.05 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.6	38.4
277	25.2	20.5	30.7

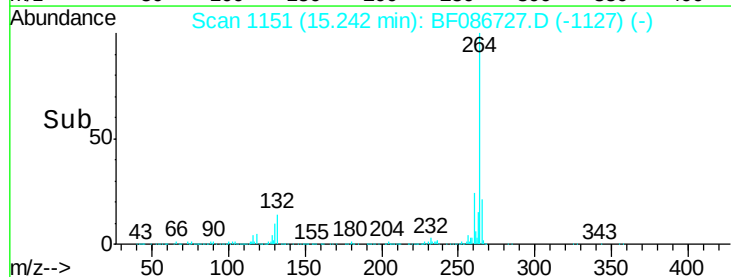
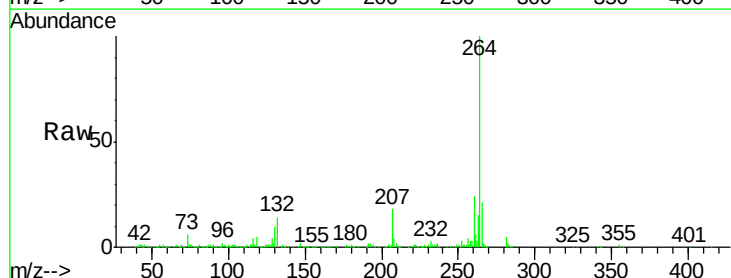
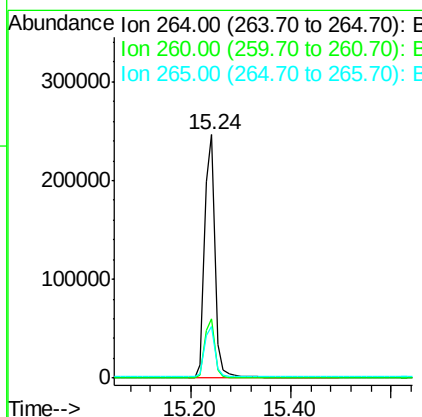
Manual Integrations
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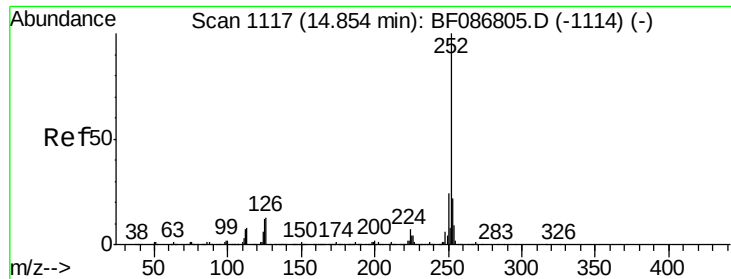
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF086727.D
 Acq: 6 May 2016 16:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 37.62 ng m

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF086727.D

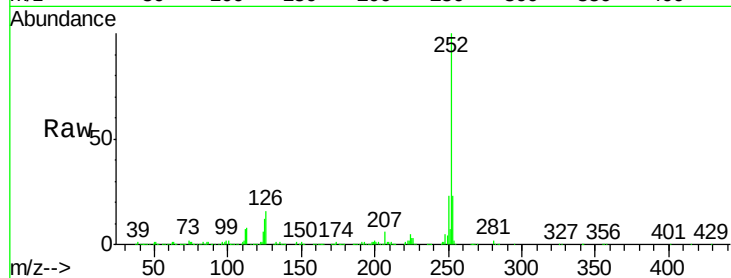
Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

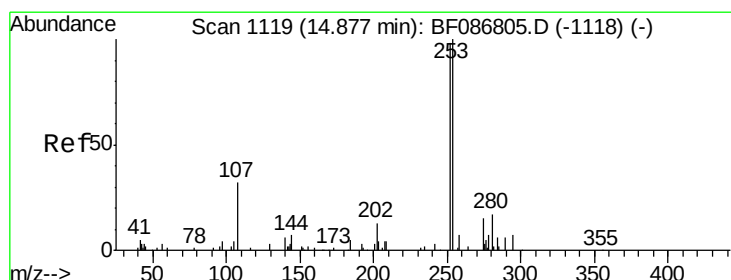
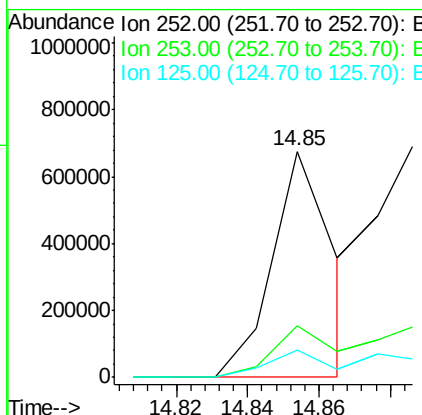
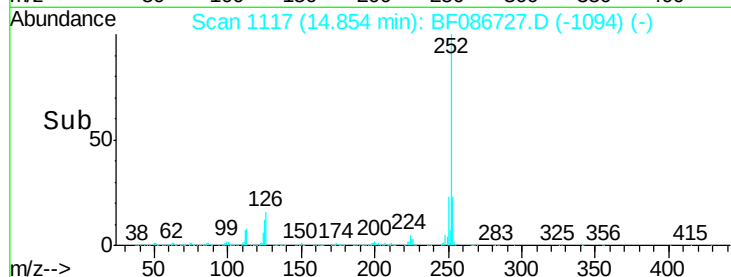
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.3	11.4	17.0

Manual Integrations
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#88

Benzo(k)fluoranthene

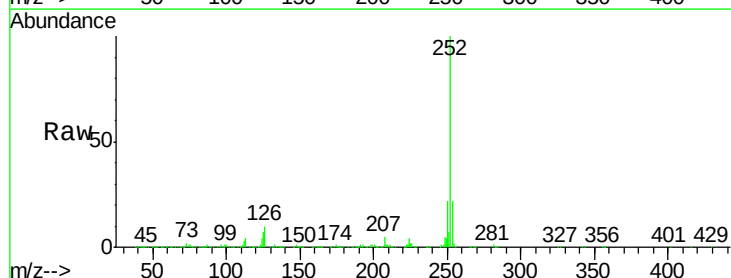
Concen: 44.59 ng m

RT: 14.89 min Scan# 1120

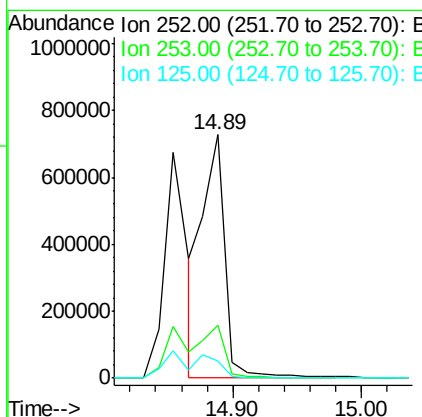
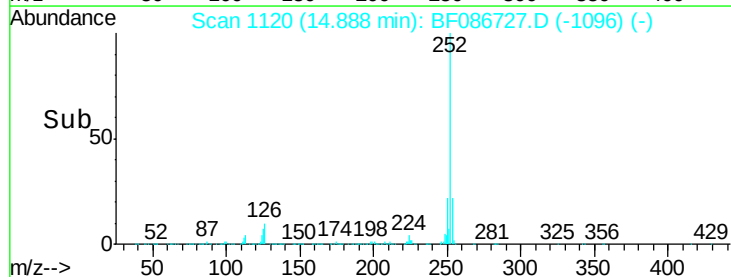
Delta R.T. -0.02 min

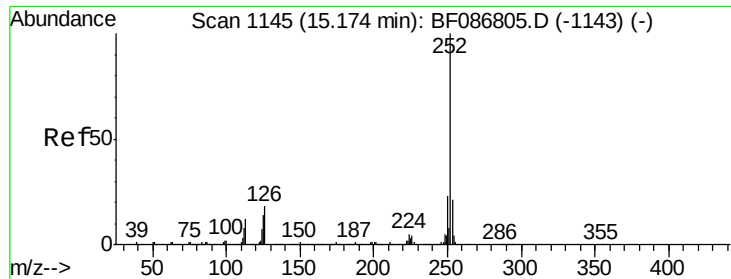
Lab File: BF086727.D

Acq: 6 May 2016 16:42



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	7.2	9.1	13.7#





#89

Benzo(a)pyrene

Concen: 38.85 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

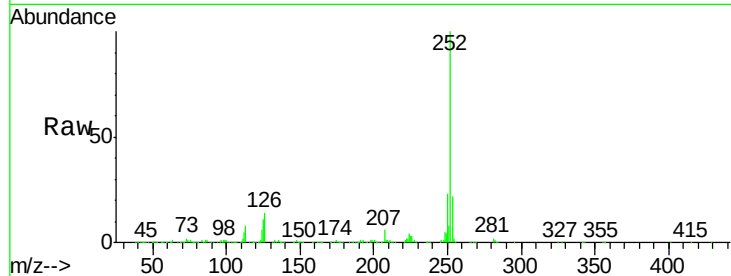
ClientSampleId :

SSTDCCC040

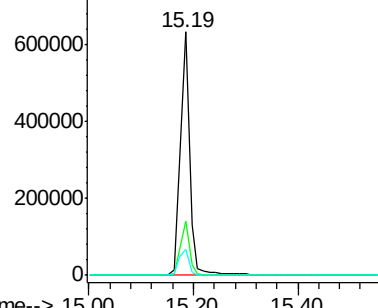
Tgt Ion:	252	Resp:	771488
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	10.7	9.0	13.6

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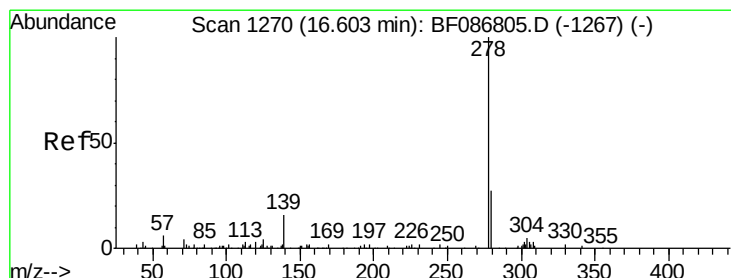
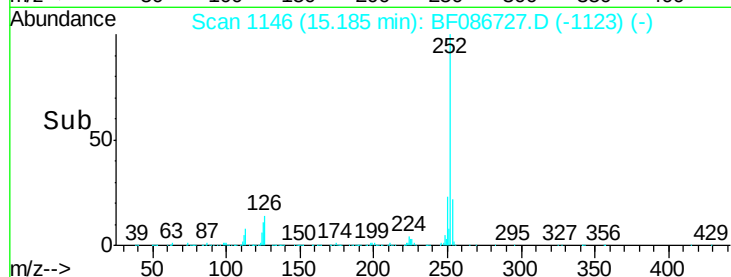
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 15.00 15.20 15.40



#90

Dibenzo(a,h)anthracene

Concen: 33.88 ng

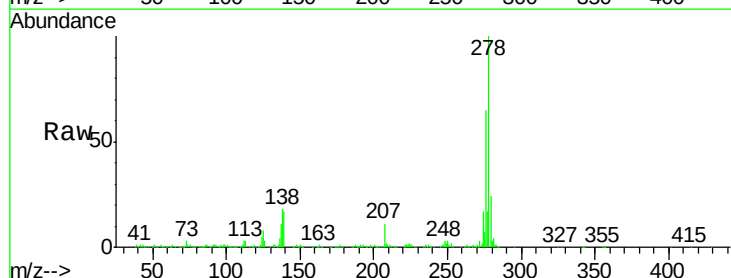
RT: 16.56 min Scan# 1266

Delta R.T. -0.05 min

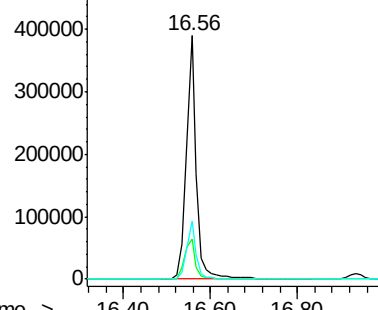
Lab File: BF086727.D

Acq: 6 May 2016 16:42

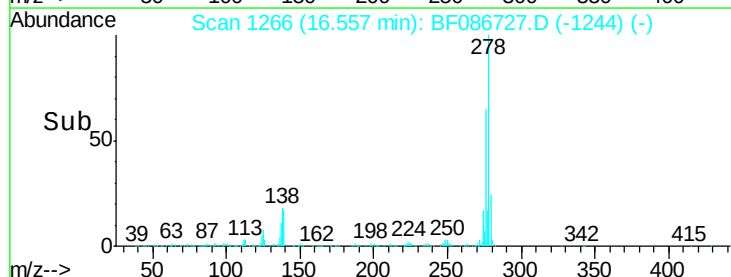
Tgt Ion:	278	Resp:	646442
Ion Ratio	Lower	Upper	
278	100		
139	16.7	16.6	24.8
279	23.6	19.6	29.4

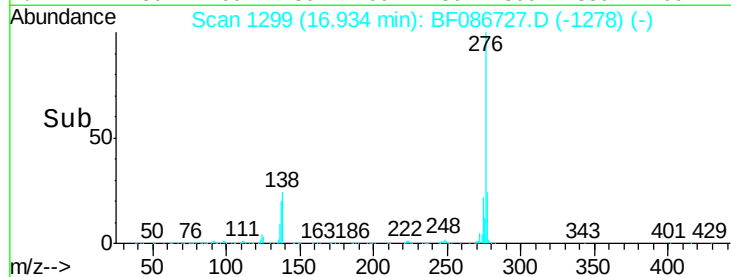
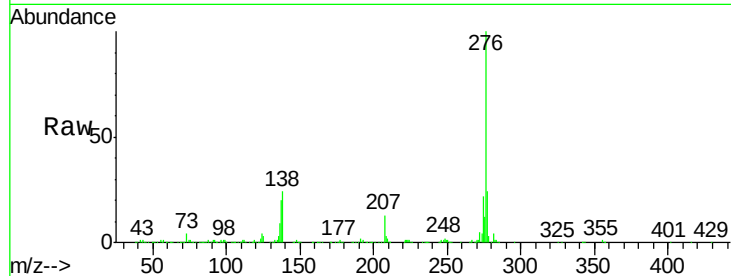
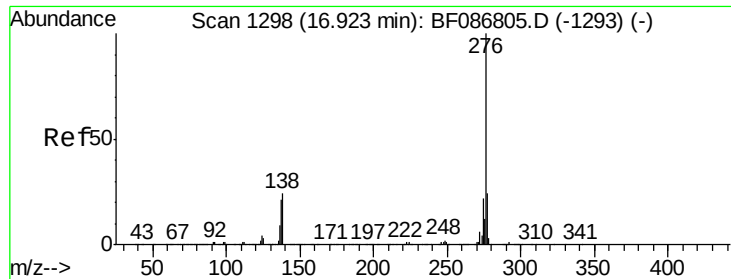


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 16.40 16.60 16.80





#91

Benzo(g,h,i)perylene

Concen: 32.83 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.06 min

Lab File: BF086727.D

Acq: 6 May 2016 16:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		657557		
277	23.6	19.6	29.4		
138	23.9	23.6	35.4		

Manual Integrations
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