

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086815.D
 Acq On : 8 May 2016 11:03
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:20:38 PM

Quant Time: May 09 03:17:16 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	248366	40.00	ng	-0.03
21) Naphthalene-d8	8.00	136	973235	40.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	416361	40.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	638598	40.00	ng	-0.03
75) Chrysene-d12	13.86	240	434800	40.00	ng	-0.02
86) Perylene-d12	15.23	264	429267	40.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1290142	85.99	ng	-0.01
7) Phenol-d6	6.37	99	1510072	74.72	ng	0.00
23) Nitrobenzene-d5	7.29	82	1463159	77.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	283877	69.70	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1945821	76.61	ng	-0.03
78) Terphenyl-d14	12.81	244	1610907	74.88	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	300354	38.73	ng	# 71
3) Pyridine	2.90	79	821469	43.20	ng	# 66
4) n-Nitrosodimethylamine	2.86	42	549556	47.65	ng	# 50
6) Aniline	6.38	93	938657	37.63	ng	# 59
8) 2-Chlorophenol	6.50	128	675239	37.51	ng	85
9) Benzaldehyde	6.26	77	452684	44.90	ng	95
10) Phenol	6.40	94	903224	40.85	ng	92
11) bis(2-Chloroethyl)ether	6.45	93	655117	34.43	ng	# 83
12) 1,3-Dichlorobenzene	6.65	146	782536	40.93	ng	96
13) 1,4-Dichlorobenzene	6.73	146	783240	39.63	ng	97
14) 1,2-Dichlorobenzene	6.88	146	570580m	33.15	ng	
15) Benzyl Alcohol	6.88	79	561132	42.92	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1503970	38.65	ng	72
17) 2-Methylphenol	6.99	107	532143	36.71	ng	# 73
18) Hexachloroethane	7.22	117	281701	37.75	ng	# 89
19) n-Nitroso-di-n-propylamine	7.15	70	553919	40.12	ng	# 83
20) 3+4-Methylphenols	7.15	107	643300	37.90	ng	# 62
22) Acetophenone	7.13	105	1034864	45.63	ng	# 94
24) Nitrobenzene	7.31	77	890889	45.50	ng	91
25) Isophorone	7.55	82	1427359	40.47	ng	96
26) 2-Nitrophenol	7.62	139	365856	41.88	ng	# 78
27) 2,4-Dimethylphenol	7.68	122	611804	39.88	ng	89
28) bis(2-Chloroethoxy)methane	7.76	93	737889	38.01	ng	98
29) 2,4-Dichlorophenol	7.87	162	535057	40.57	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	568416	38.63	ng	97
31) Naphthalene	8.02	128	1816259	36.53	ng	98
32) Benzoic acid	7.84	122	323669	53.02	ng	# 79
33) 4-Chloroaniline	8.08	127	694778	36.07	ng	# 88
34) Hexachlorobutadiene	8.13	225	325568	38.97	ng	99
35) Caprolactam	8.49	113	183822	45.03	ng	# 70
36) 4-Chloro-3-methylphenol	8.58	107	579649	38.52	ng	92
37) 2-Methylnaphthalene	8.70	142	1008712	34.39	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	536350	44.50	ng	98
40) Hexachlorocyclopentadiene	8.85	237	76191	18.81	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	341318	44.54	ng	92
43) 2,4,5-Trichlorophenol	9.05	196	342674	42.80	ng	96
45) 1,1'-Biphenyl	9.17	154	1297125	38.11	ng	95
46) 2-Chloronaphthalene	9.20	162	1015922	38.68	ng	94
47) 2-Nitroaniline	9.30	65	399740	42.80	ng	# 70
48) Acenaphthylene	9.61	152	1453788	37.28	ng	99
49) Dimethylphthalate	9.48	163	1293401	41.67	ng	99
50) 2,6-Dinitrotoluene	9.55	165	308966	46.38	ng	84
51) Acenaphthene	9.78	154	927124	36.04	ng	99
52) 3-Nitroaniline	9.72	138	327469	43.24	ng	98
53) 2,4-Dinitrophenol	9.82	184	40147	28.69	ng	88
54) Dibenzofuran	9.95	168	1181542	37.06	ng	95
55) 4-Nitrophenol	9.90	139	159871	36.21	ng	# 74
56) 2,4-Dinitrotoluene	9.95	165	328499	39.79	ng	# 88
57) Fluorene	10.29	166	1038444	40.19	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	240748	40.94	ng	97
59) Diethylphthalate	10.18	149	1239510	42.19	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	436045	35.50	ng	96
61) 4-Nitroaniline	10.34	138	283513	38.97	ng	85
62) Azobenzene	10.44	77	1217816	37.41	ng	85
64) 4,6-Dinitro-2-methylphenol	10.35	198	80309	29.70	ng	# 10
65) n-Nitrosodiphenylamine	10.41	169	830683	40.97	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	300635	47.37	ng	91
67) Hexachlorobenzene	10.83	284	302958	39.15	ng	# 67
68) Atrazine	10.94	200	287538	46.27	ng	95
69) Pentachlorophenol	11.04	266	148938	42.59	ng	98
70) Phenanthrene	11.24	178	1343879	39.18	ng	99
71) Anthracene	11.30	178	1397672	38.91	ng	99
72) Carbazole	11.46	167	1097509	35.18	ng	99
73) Di-n-butylphthalate	11.79	149	1514256	40.89	ng	# 98
74) Fluoranthene	12.43	202	1285469	37.39	ng	95
76) Benzidine	12.57	184	492211	42.31	ng	96
77) Pyrene	12.66	202	1307162	37.71	ng	100
79) Butylbenzylphthalate	13.28	149	573843	39.52	ng	# 61
80) Benzo(a)anthracene	13.84	228	988531	40.20	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	736005	47.63	ng	99
82) Chrysene	13.88	228	1082385	41.26	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	731070	43.51	ng	# 95
84) Di-n-octyl phthalate	14.45	149	1364184	55.18	ng	# 83
85) Indeno(1,2,3-cd)pyrene	16.53	276	906003	40.25	ng	95
87) Benzo(b)fluoranthene	14.85	252	1130462m	43.83	ng	
88) Benzo(k)fluoranthene	14.88	252	834992m	34.36	ng	
89) Benzo(a)pyrene	15.17	252	931049	39.19	ng	97
90) Dibenzo(a,h)anthracene	16.55	278	755655	33.11	ng	98
91) Benzo(g,h,i)perylene	16.92	276	723274	30.18	ng	94

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

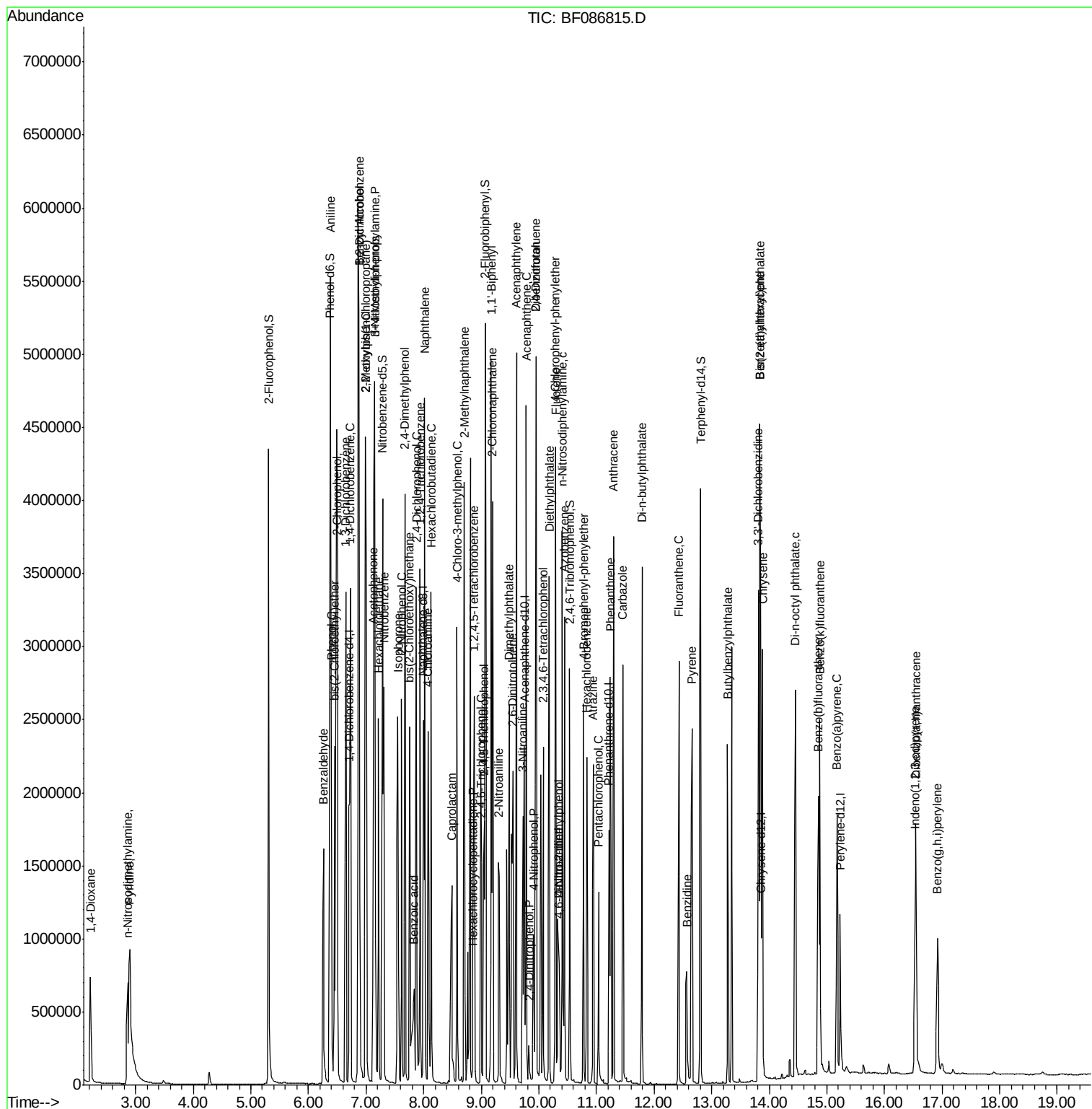
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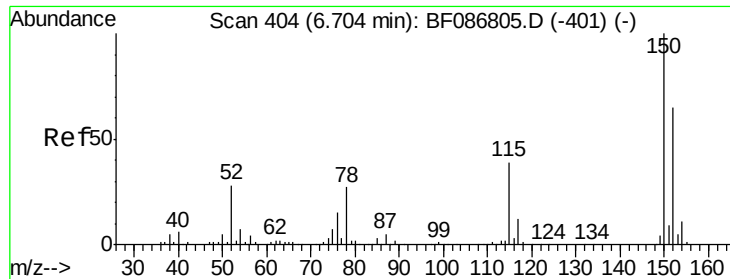
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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

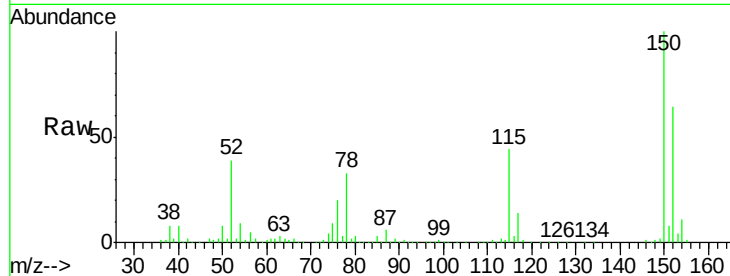
ClientSampleId :

SSTDCCC040EC

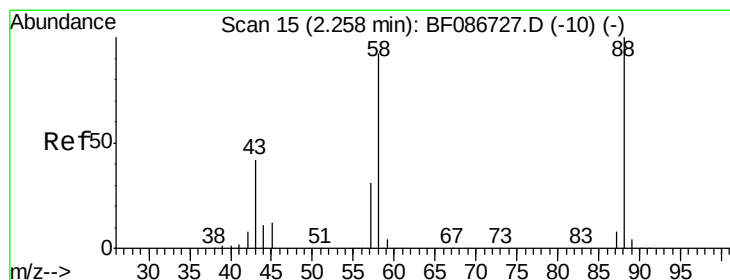
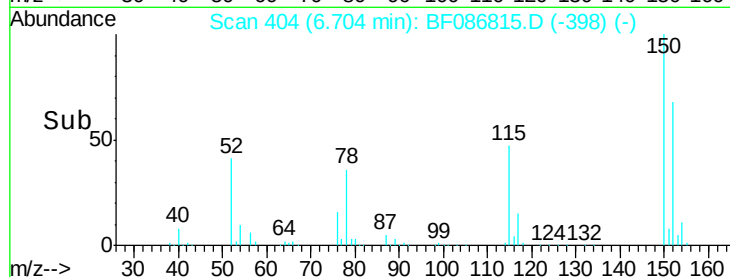
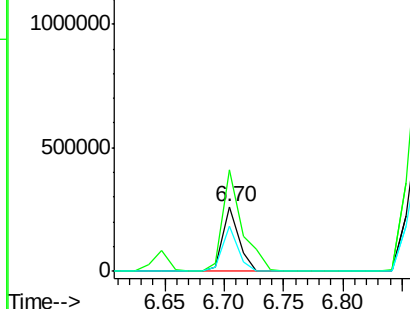
Tgt Ion:	152	Resp:	248366
Ion Ratio	Lower	Upper	
152	100		
150	157.4	125.8	188.6
115	69.2	51.5	77.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.73 ng

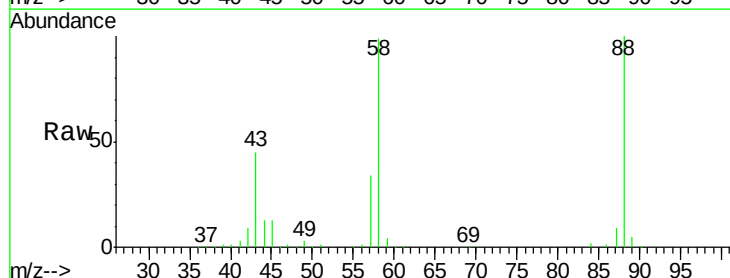
RT: 2.21 min Scan# 11

Delta R.T. -0.05 min

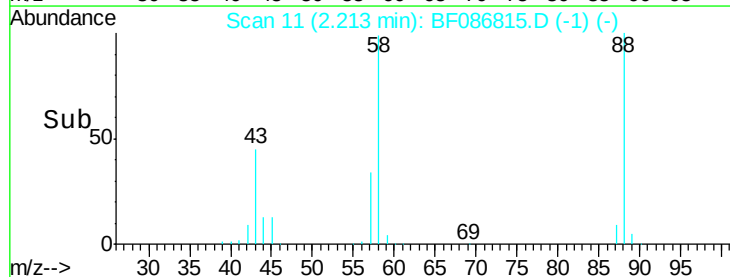
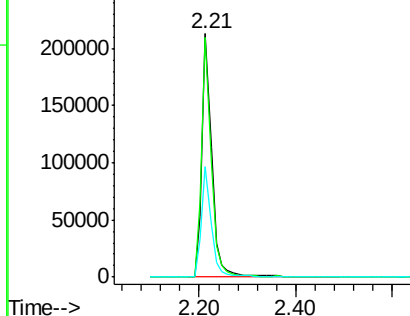
Lab File: BF086815.D

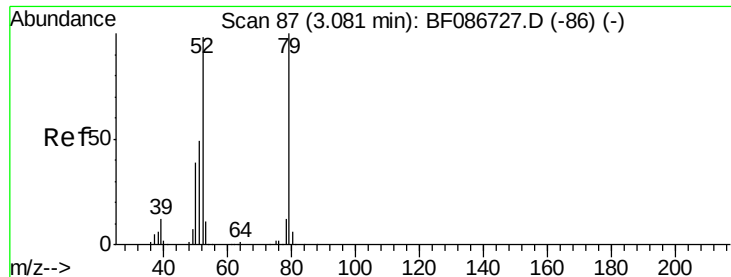
Acq: 8 May 2016 11:03

Tgt Ion:	88	Resp:	300354
Ion Ratio	Lower	Upper	
88	100		
58	97.3	59.6	89.4#
43	45.3	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.20 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

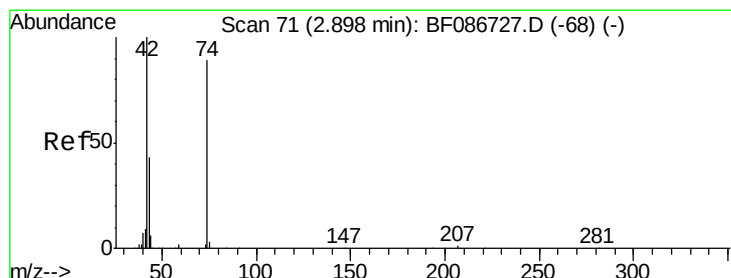
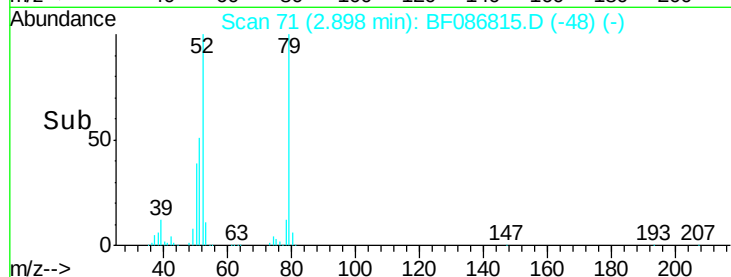
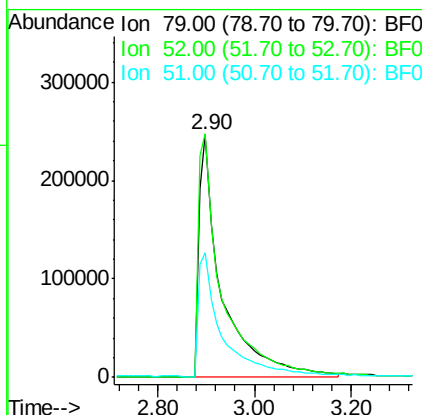
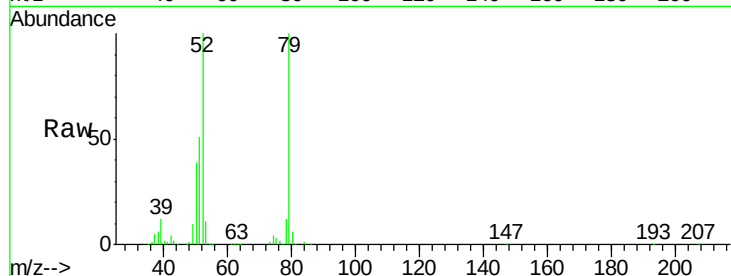
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	821469
Ion Ratio	Lower	Upper	
79	100		
52	100.2	55.9	83.9#
51	51.3	28.1	42.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.65 ng

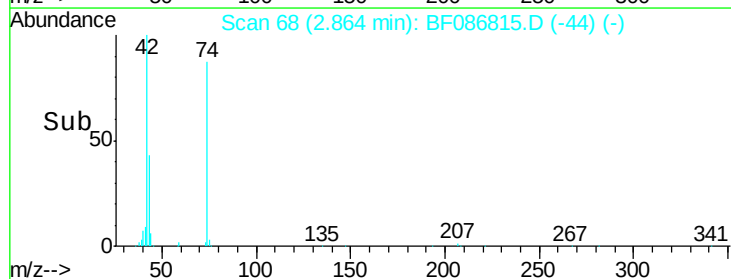
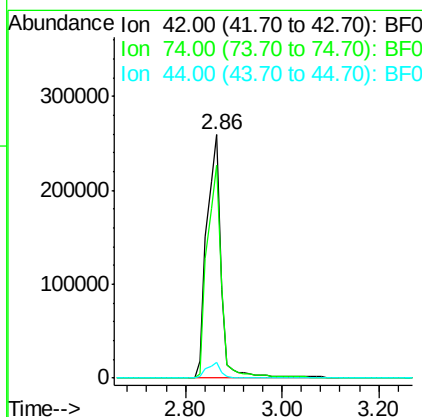
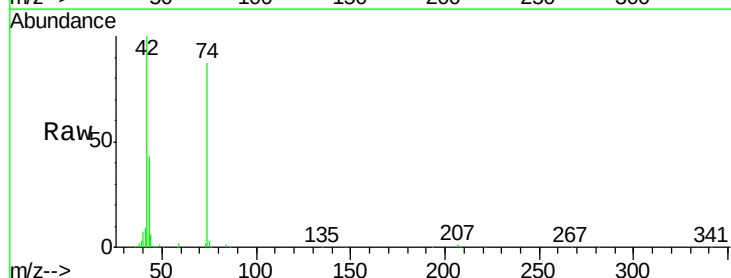
RT: 2.86 min Scan# 68

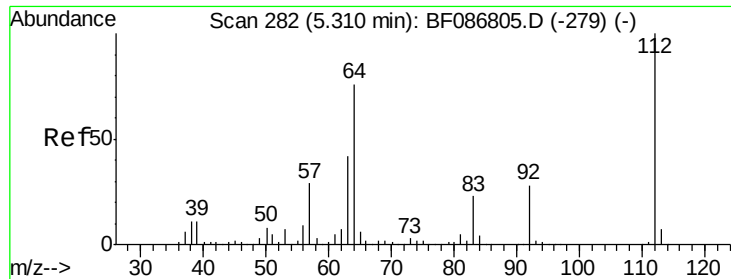
Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion:	42	Resp:	549556
Ion Ratio	Lower	Upper	
42	100		
74	87.2	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 85.99 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086815.D

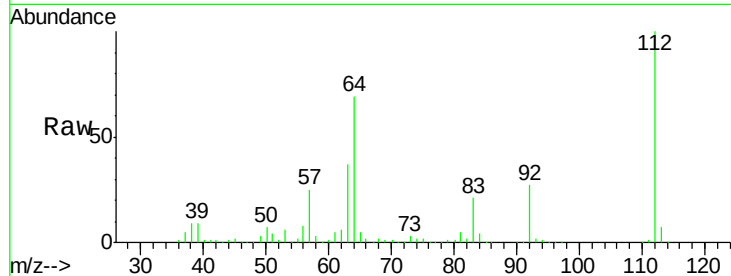
Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

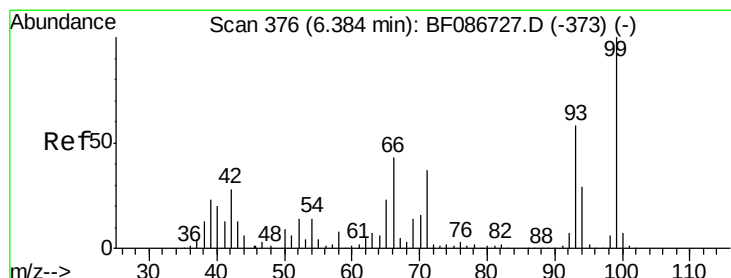
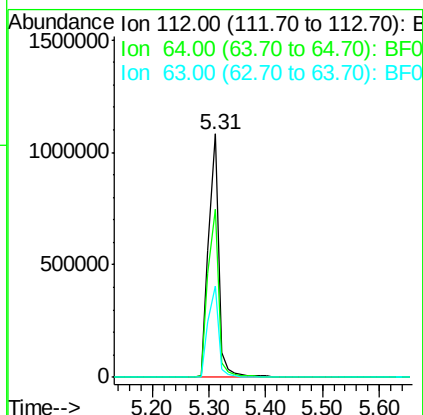
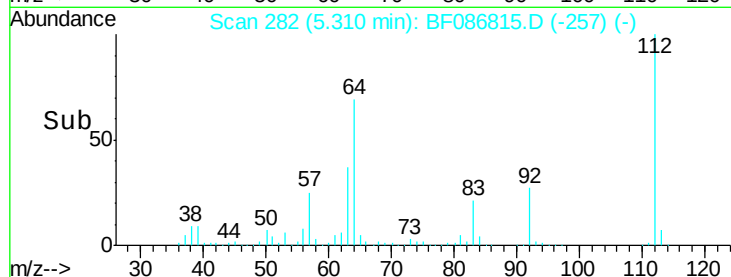
SSTDCCC040EC



Tgt Ion:	112	Resp:	1290142
Ion	Ratio	Lower	Upper
112	100		
64	69.1	52.1	78.1
63	37.4	25.7	38.5

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#6

Aniline

Concen: 37.63 ng

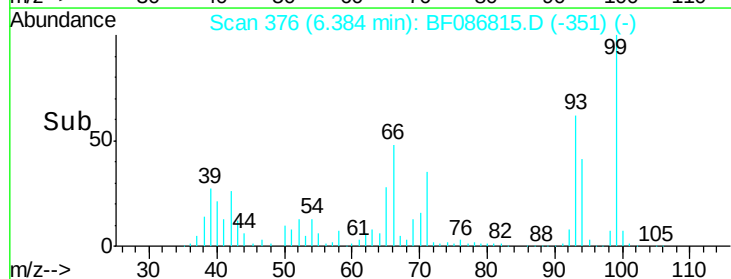
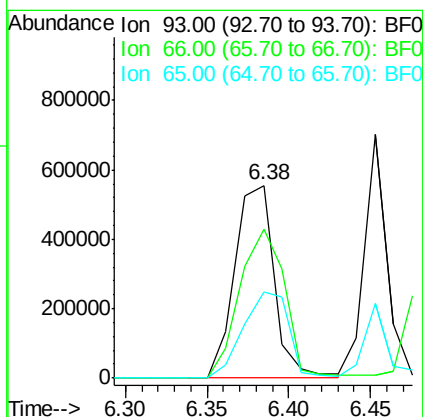
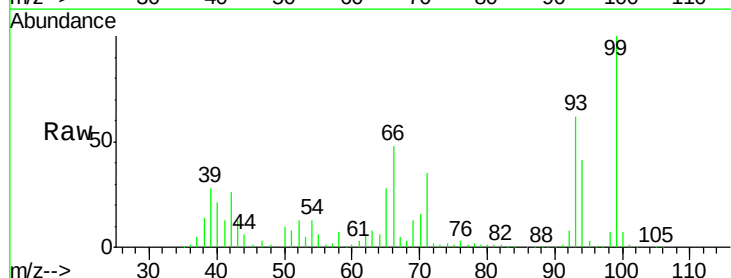
RT: 6.38 min Scan# 376

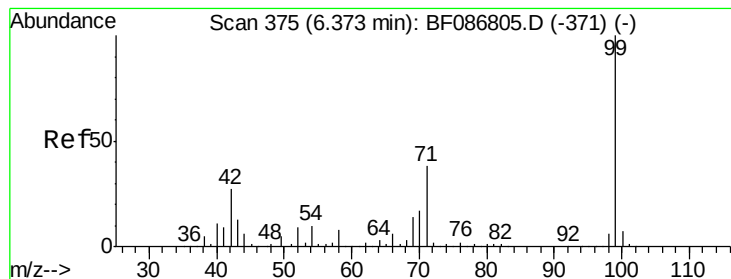
Delta R.T. -0.01 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion:	93	Resp:	938657
Ion	Ratio	Lower	Upper
93	100		
66	77.4	39.0	58.6#
65	45.0	20.6	31.0#





#7

Phenol-d6

Concen: 74.72 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

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SSTDCCC040EC

Tgt Ion: 99 Resp: 1510072

Ion Ratio Lower Upper

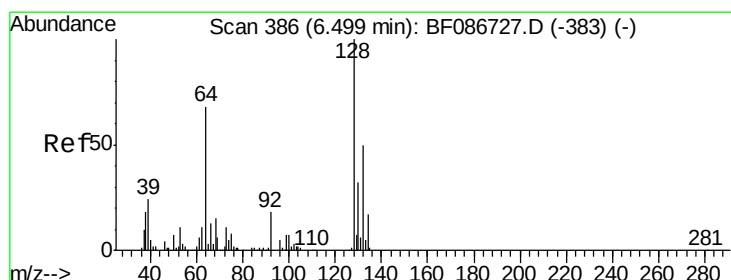
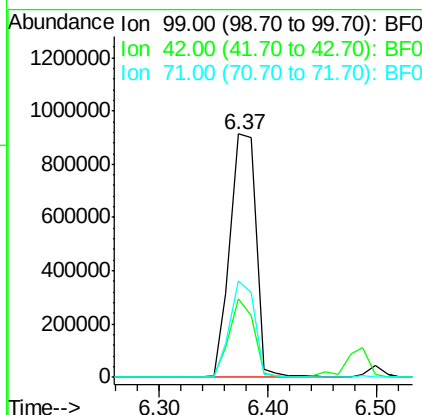
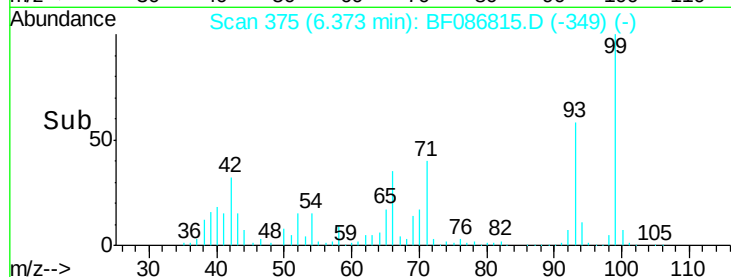
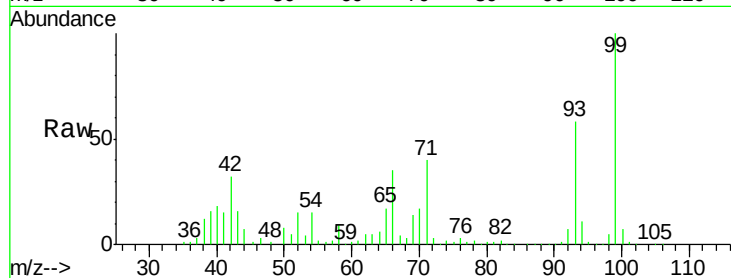
99 100

42 32.1 13.6 20.4#

71 39.5 24.6 36.8#

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#8

2-Chlorophenol

Concen: 37.51 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

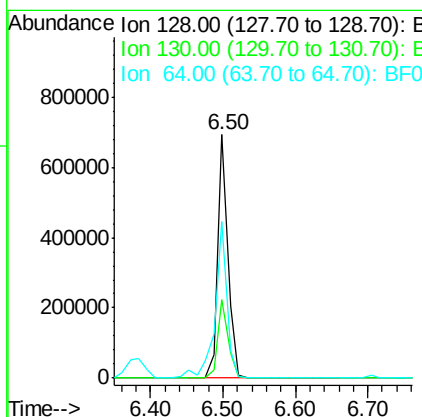
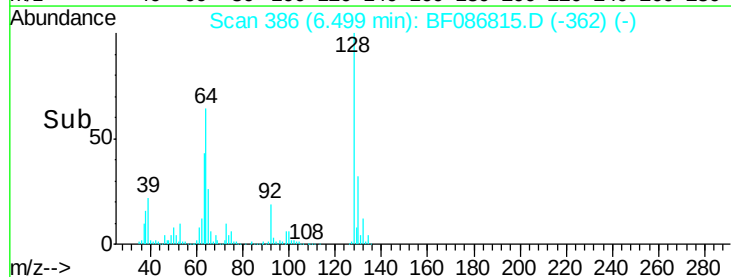
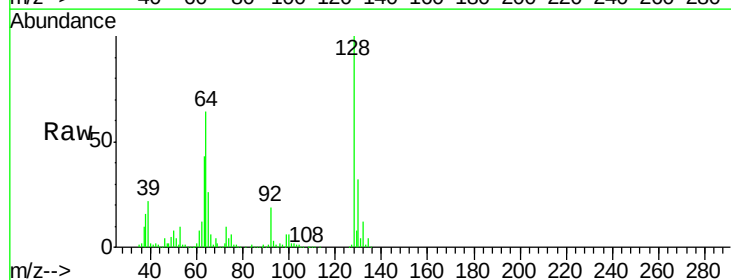
Tgt Ion: 128 Resp: 675239

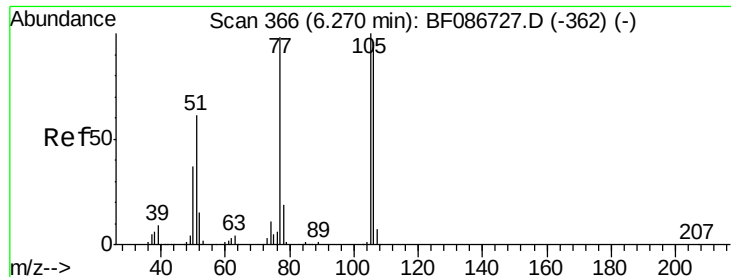
Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

64 64.3 27.3 67.3





#9

Benzaldehyde

Concen: 44.90 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

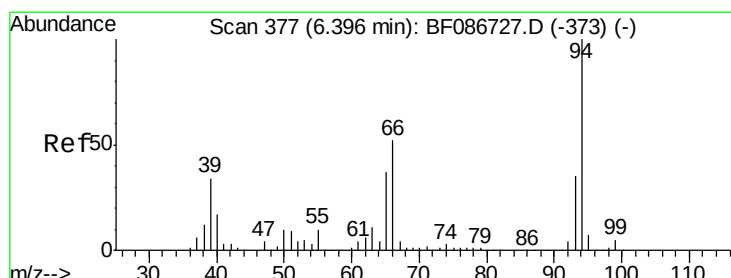
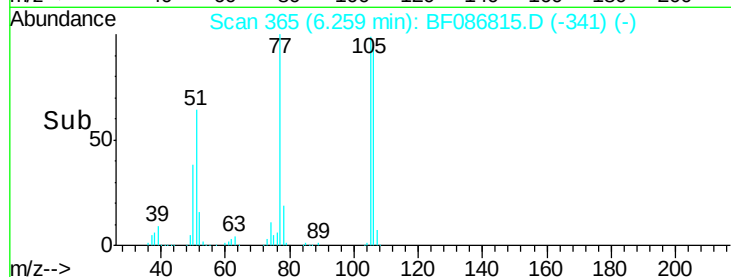
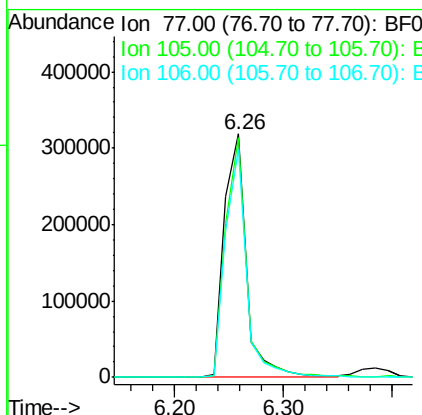
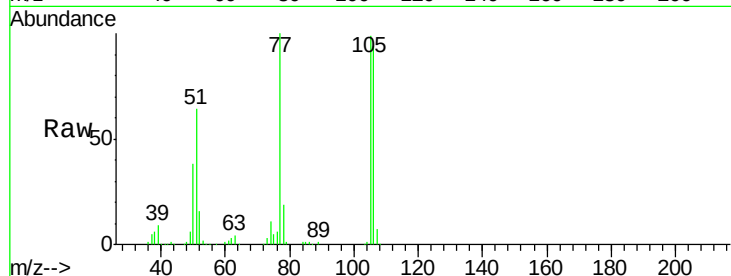
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Tgt Ion:	77	Resp:	452684
Ion	Ratio	Lower	Upper
77	100		
105	98.7	72.7	112.7
106	93.7	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 40.85 ng

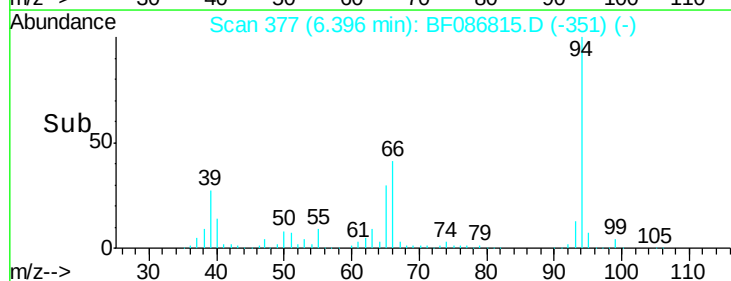
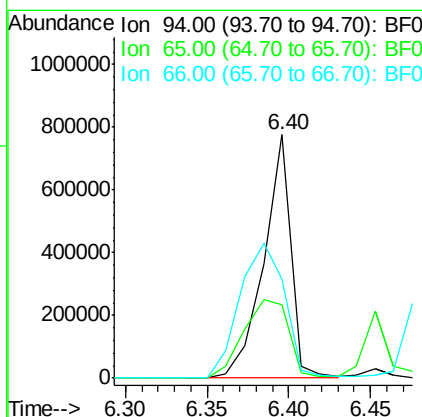
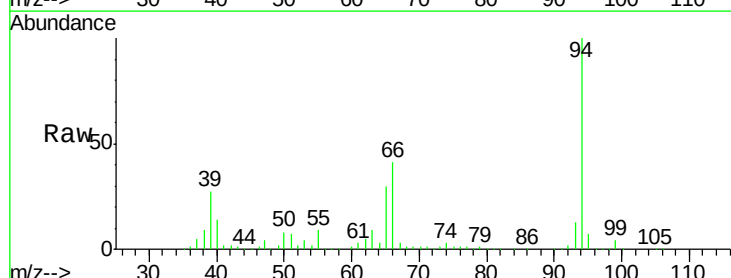
RT: 6.40 min Scan# 377

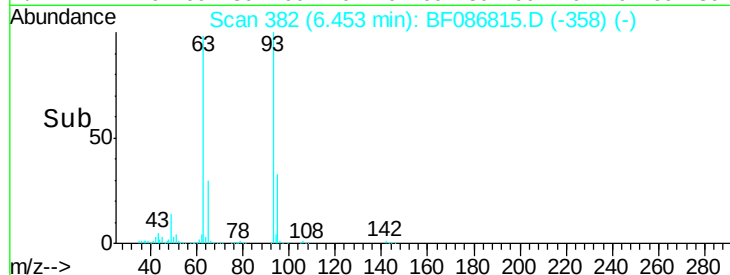
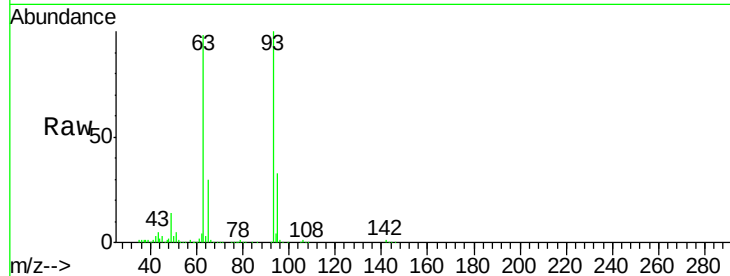
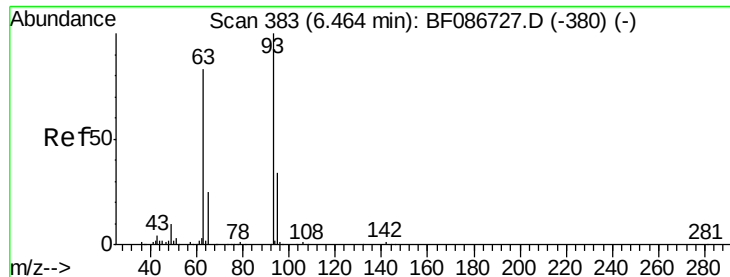
Delta R.T. 0.00 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion:	94	Resp:	903224
Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.2	47.2
66	40.7	14.9	54.9





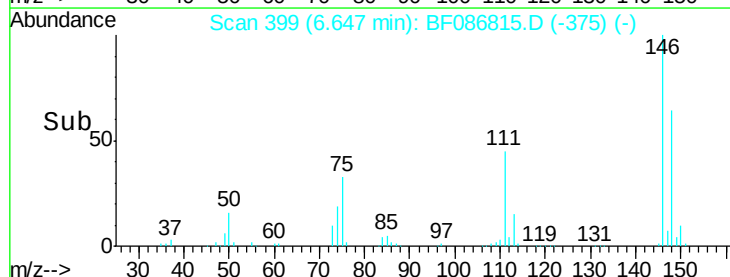
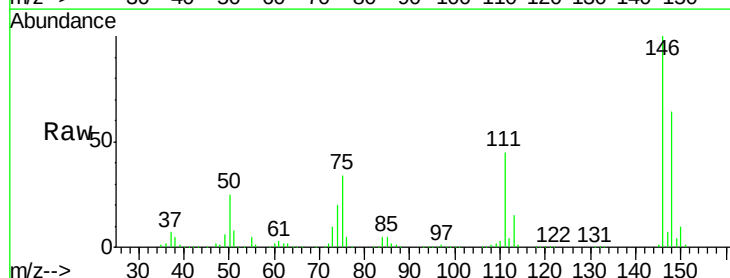
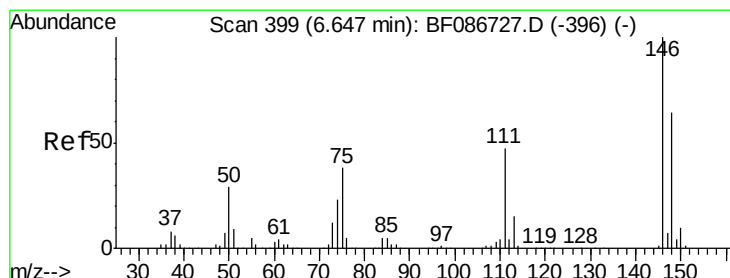
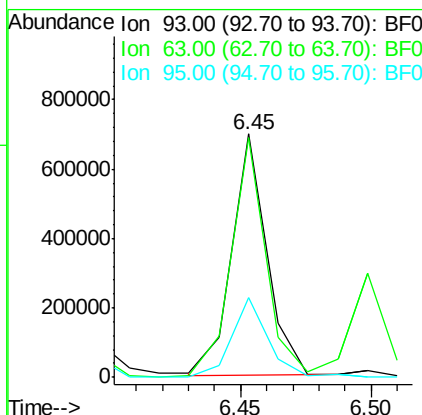
#11
bis(2-Chloroethyl)ether
Concen: 34.43 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion:	93	Resp:	655117
Ion Ratio	Lower	Upper	
93	100		
63	98.2	58.0	98.0#
95	32.5	11.9	51.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

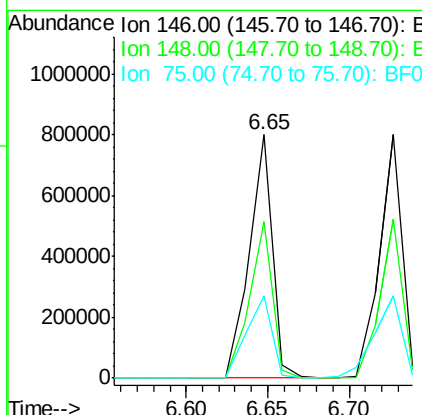
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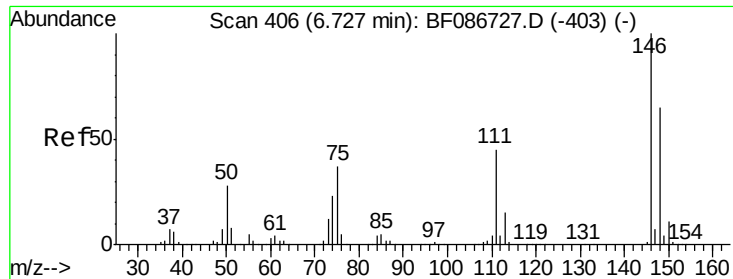
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.93 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion:	146	Resp:	782536
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.4	78.6
75	33.8	22.8	34.2





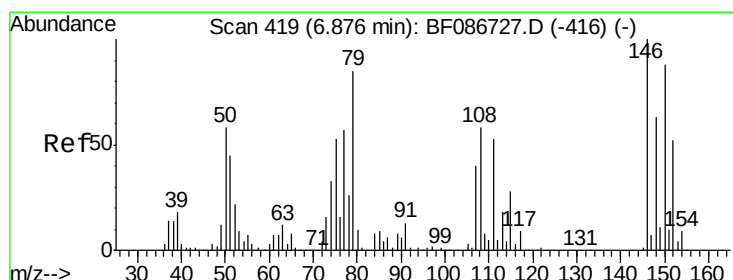
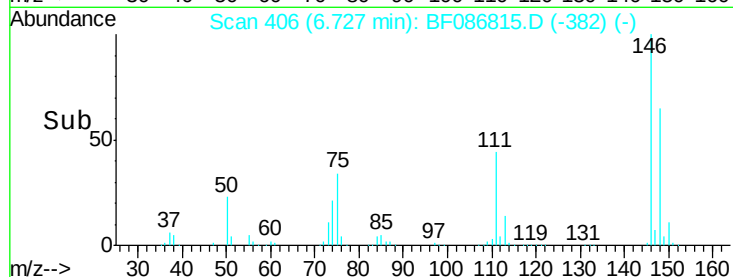
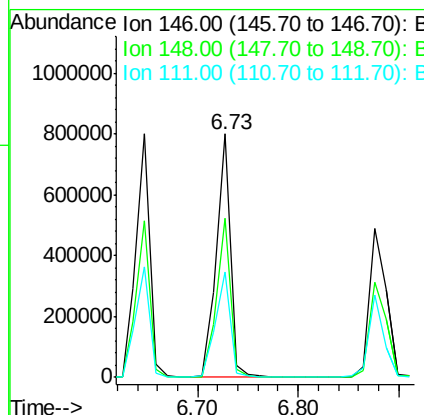
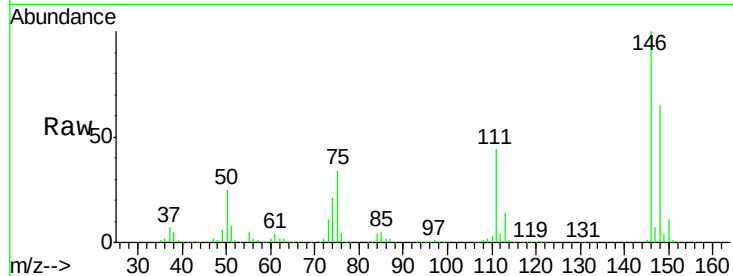
#13
 1,4-Dichlorobenzene
 Concen: 39.63 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	43.5	30.7	46.1

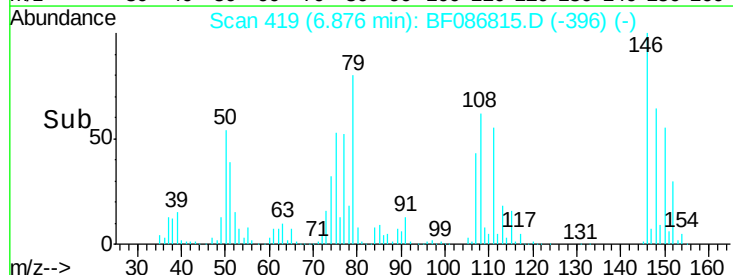
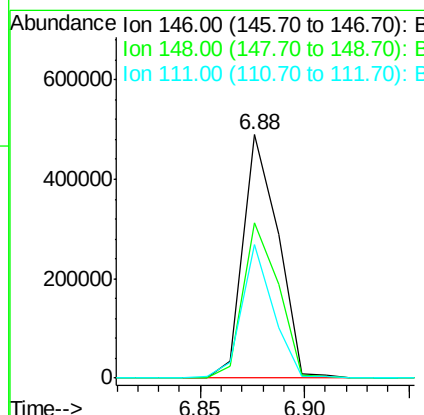
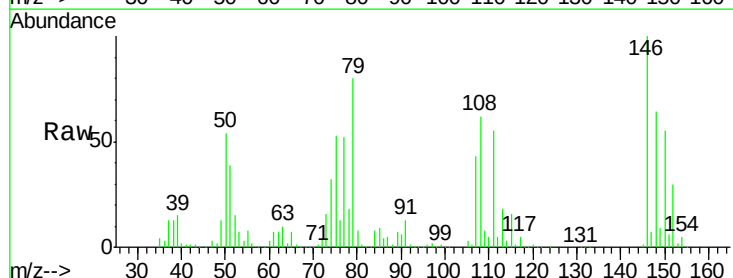
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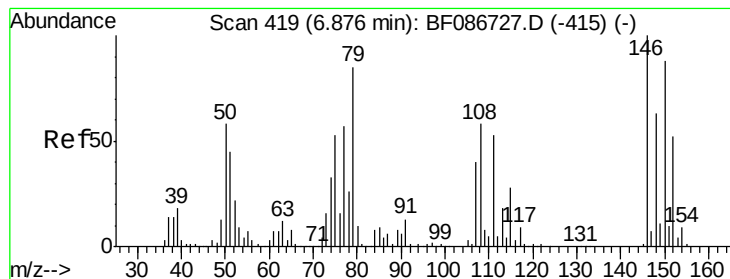
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#14
 1,2-Dichlorobenzene
 Concen: 33.15 ng m
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	54.9	36.2	54.4#





#15

Benzyl Alcohol

Concen: 42.92 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 561132
Ion Ratio Lower Upper

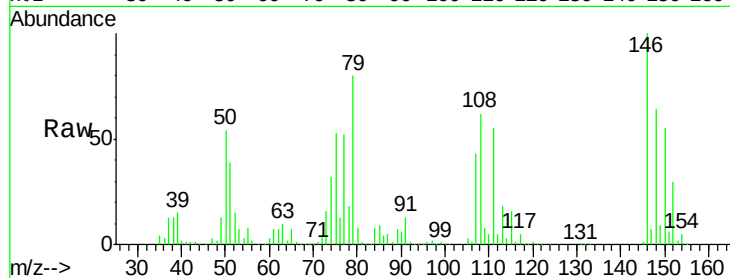
79 100

108 77.1 68.4 102.6

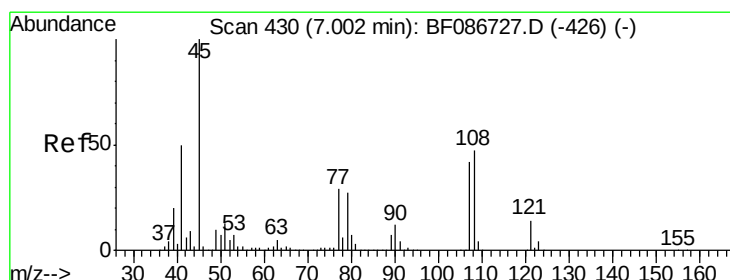
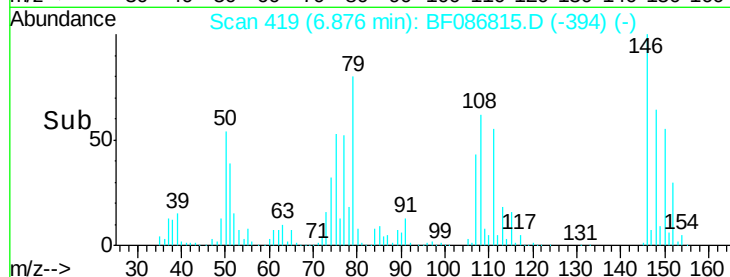
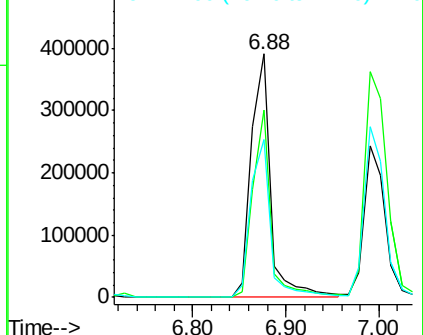
77 65.0 50.6 76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.65 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF086815.D

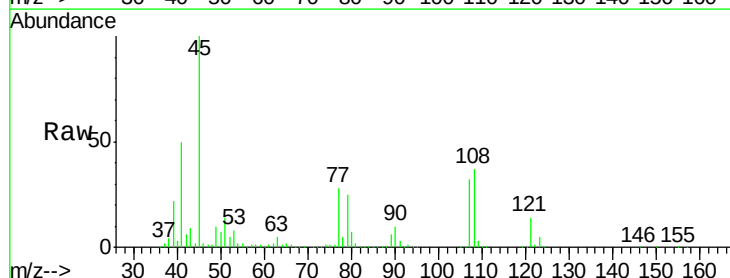
Acq: 8 May 2016 11:03

Tgt Ion: 45 Resp: 1503970
Ion Ratio Lower Upper

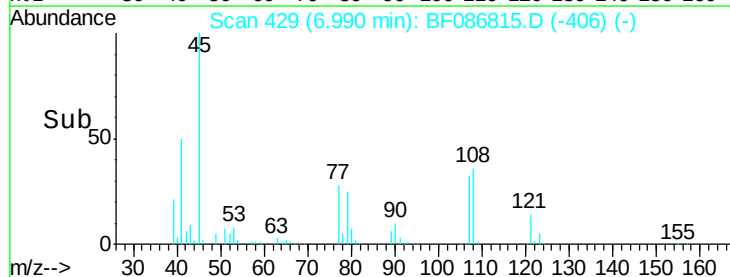
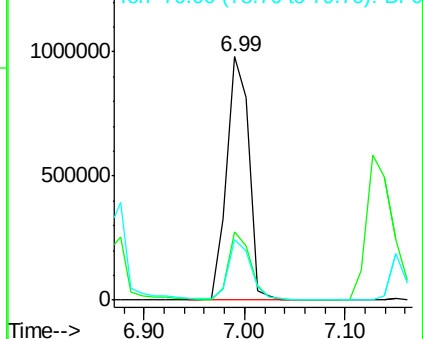
45 100

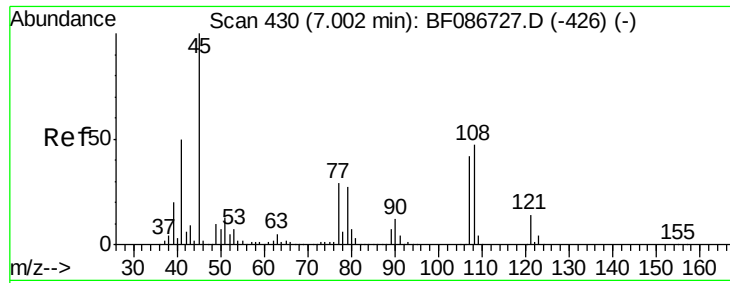
77 28.0 0.0 36.4

79 24.8 0.0 33.4



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





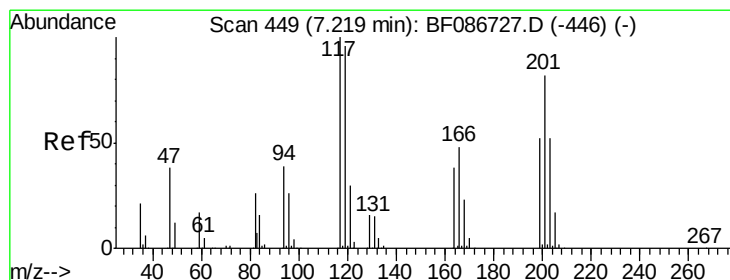
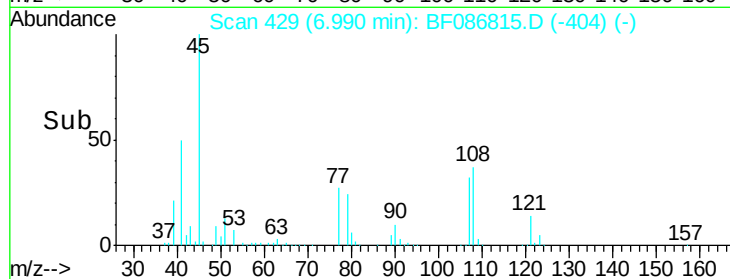
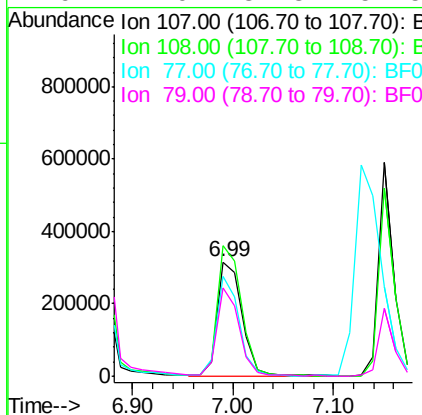
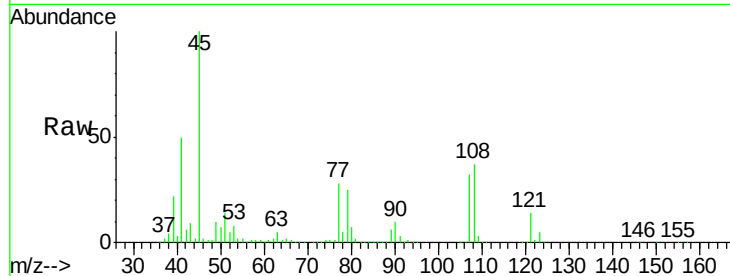
#17
2-Methylphenol
Concen: 36.71 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	532143		
108	114.9	93.7	140.5	
77	87.0	33.4	50.0#	
79	77.0	34.3	51.5#	

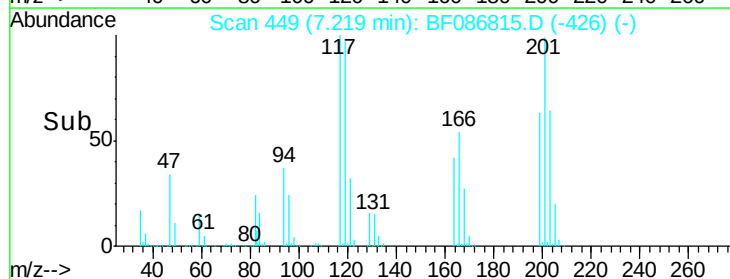
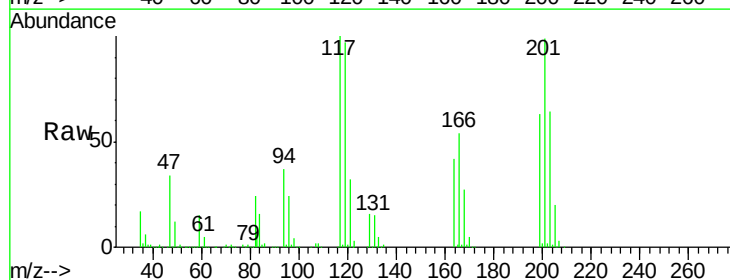
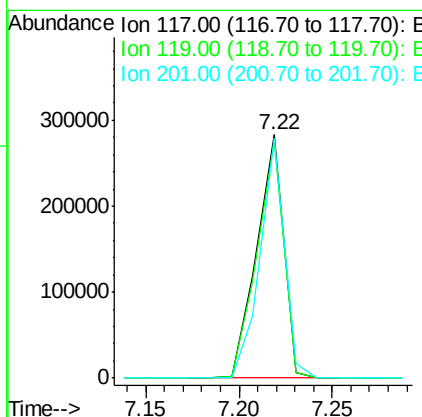
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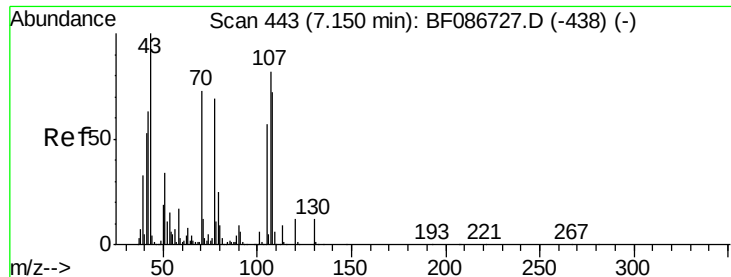
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#18
Hexachloroethane
Concen: 37.75 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	281701		
119	97.4	76.5	114.7	
201	98.7	63.0	94.6#	





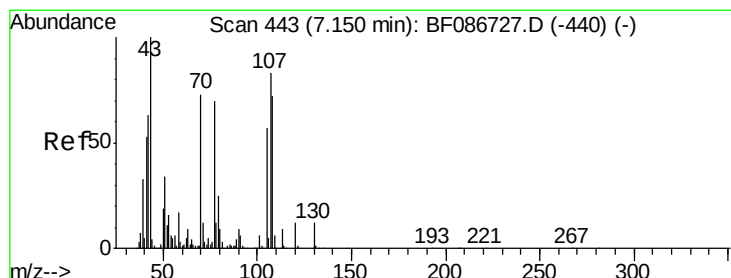
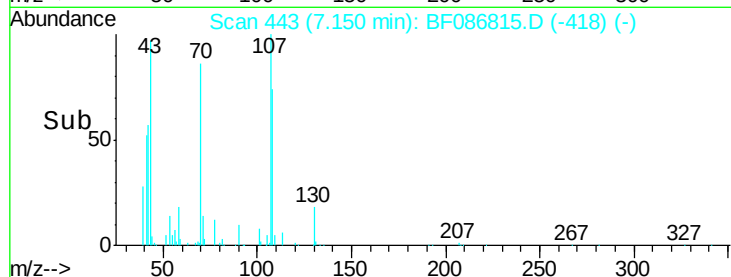
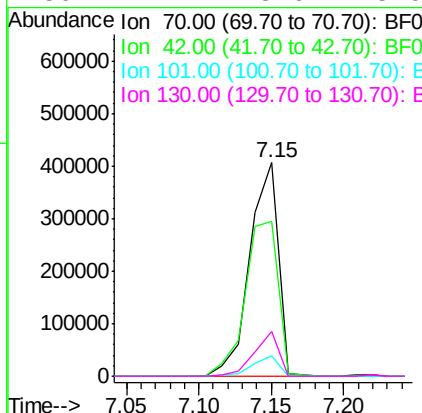
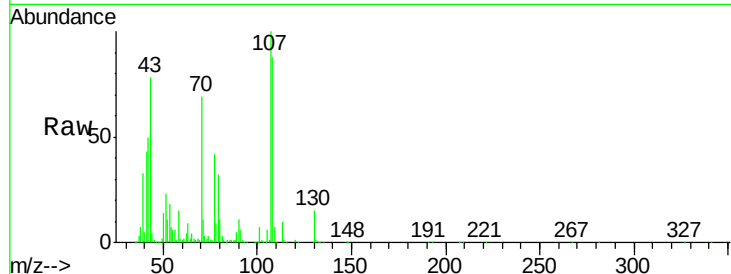
#19
n-Nitroso-di-n-propylamine
Concen: 40.12 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	72.4	43.1	64.7#	
101	9.8	8.1	12.1	
130	21.1	18.6	28.0	

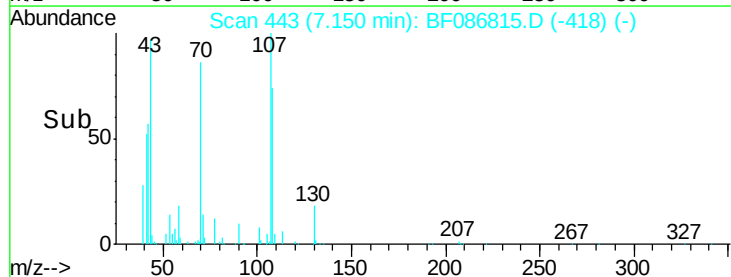
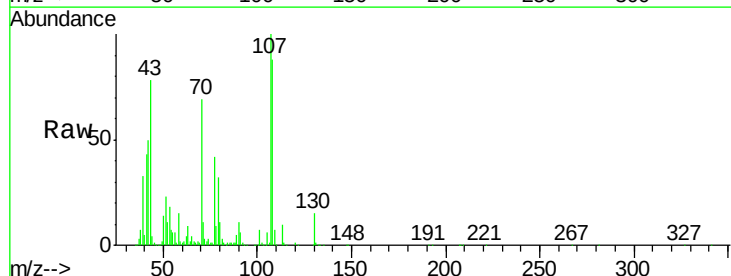
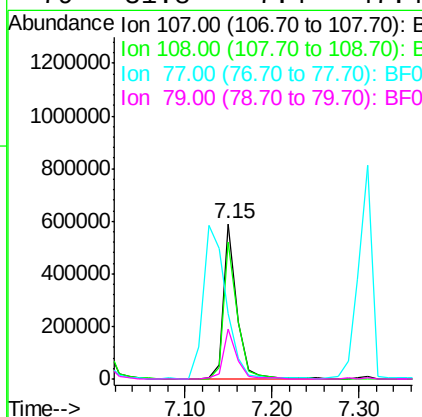
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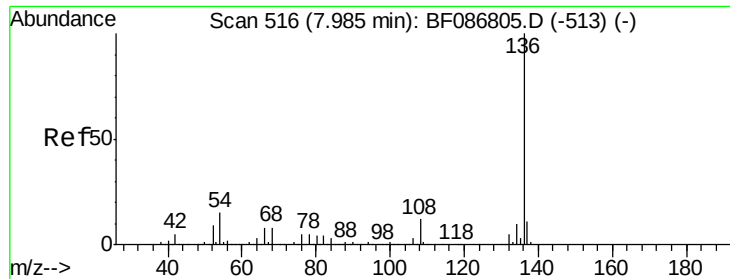
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#20
3+4-Methylphenols
Concen: 37.90 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.1	68.5	108.5	
77	41.7	101.6	141.6#	
79	31.8	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: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

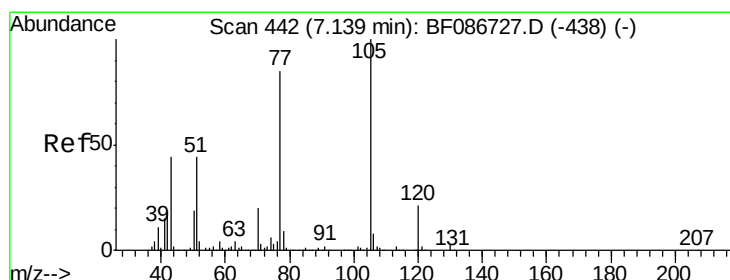
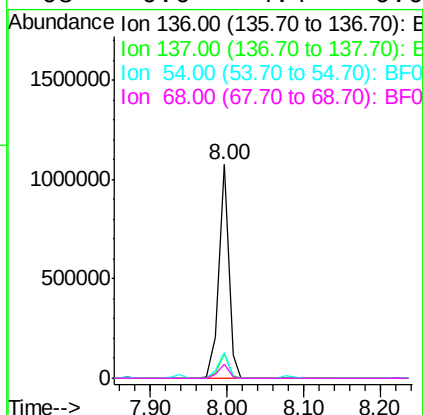
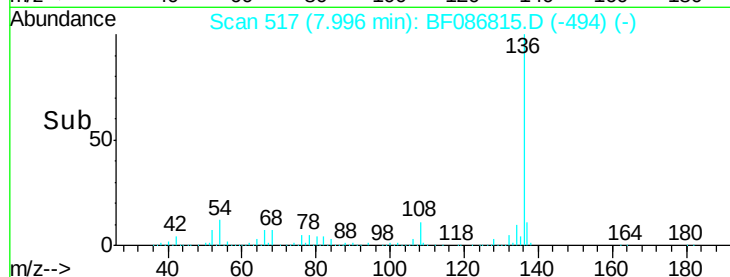
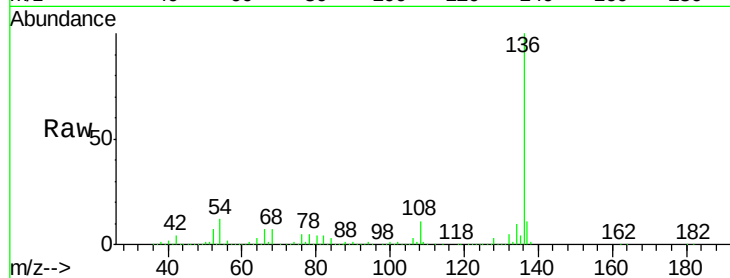
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	973235		
137	11.2	8.8	13.2	
54	12.2	5.0	7.4	
68	6.6	4.4	6.6	

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#22

Acetophenone

Concen: 45.63 ng

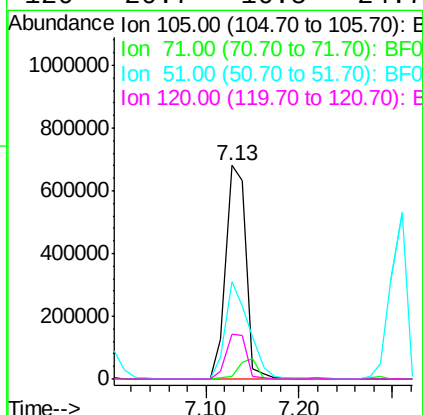
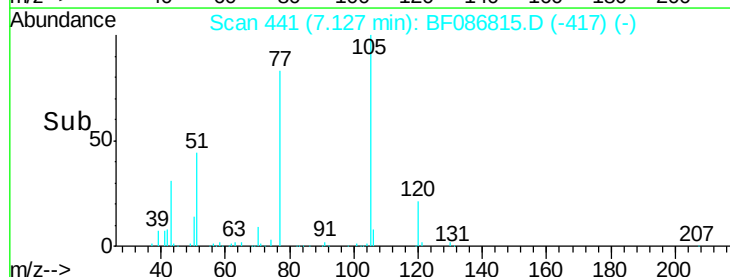
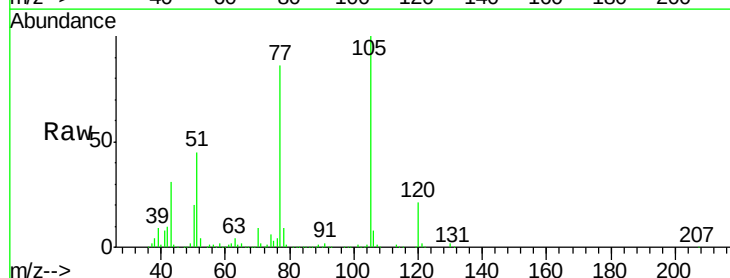
RT: 7.13 min Scan# 441

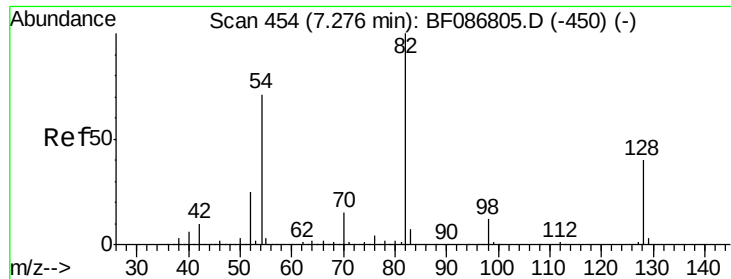
Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1034864		
71	1.5	4.8	7.2	
51	45.5	32.6	49.0	
120	20.7	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 77.26 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1463159

Ion Ratio Lower Upper

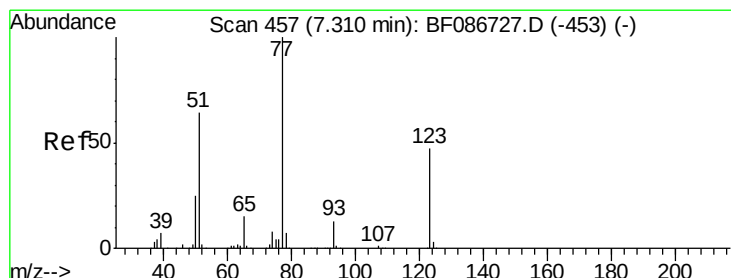
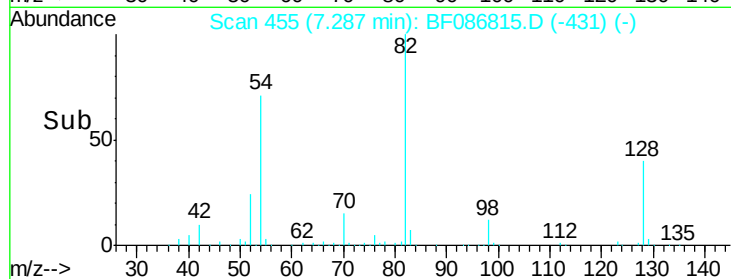
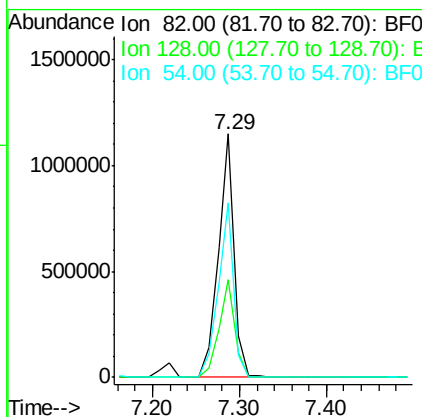
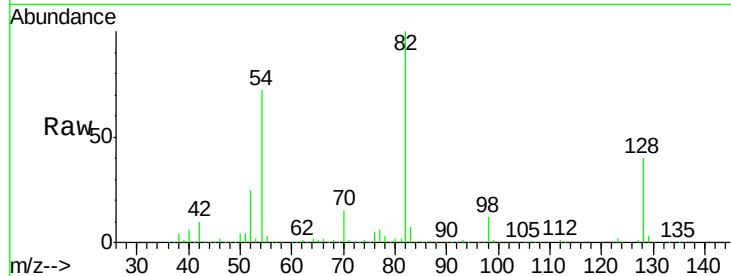
82 100

128 40.1 40.6 61.0#

54 71.6 38.1 57.1#

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#24

Nitrobenzene

Concen: 45.50 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

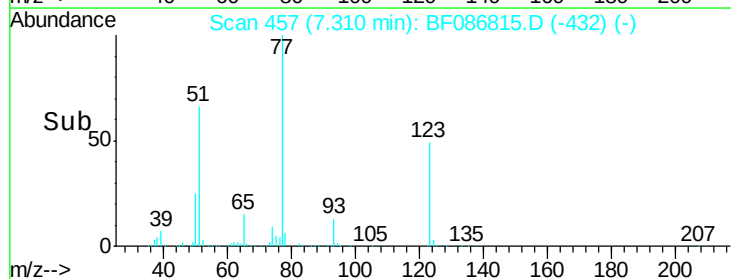
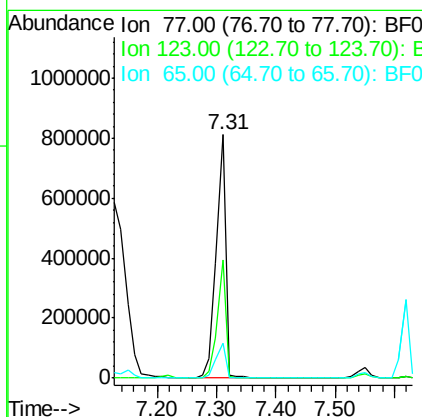
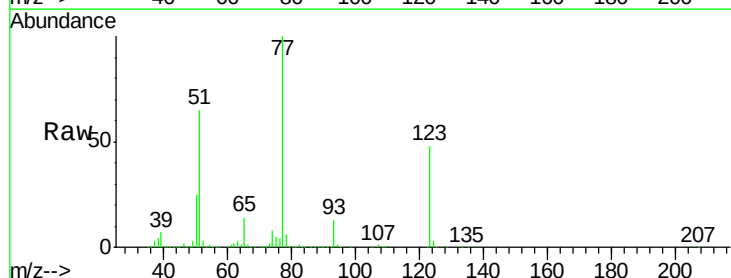
Tgt Ion: 77 Resp: 890889

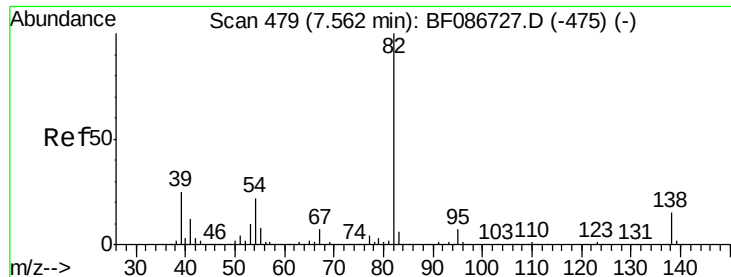
Ion Ratio Lower Upper

77 100

123 48.4 33.0 49.4

65 14.5 10.8 16.2





#25

Isophorone

Concen: 40.47 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1427359

Ion Ratio Lower Upper

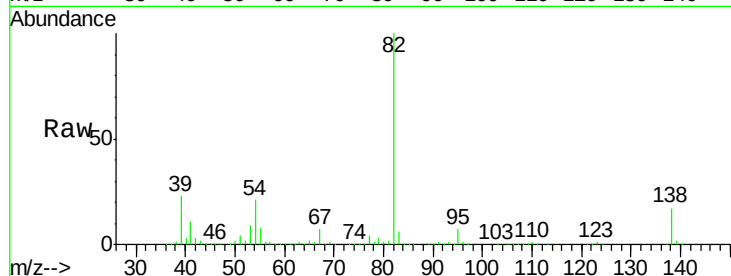
82 100

95 7.5 5.1 7.7

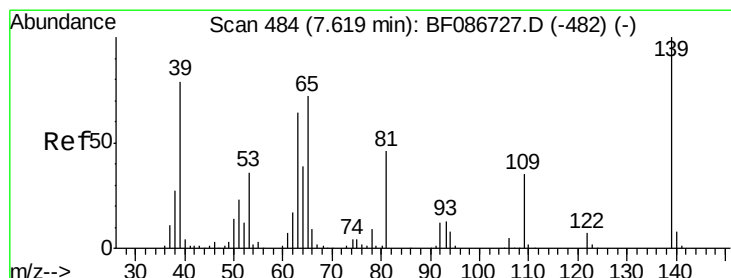
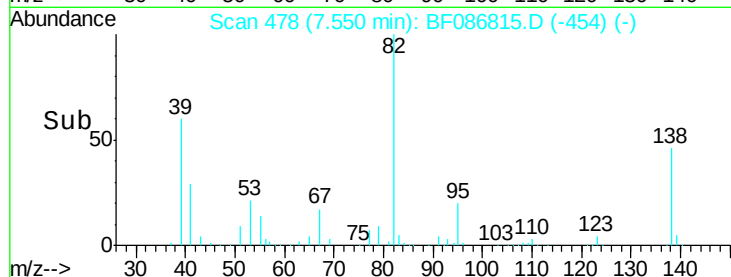
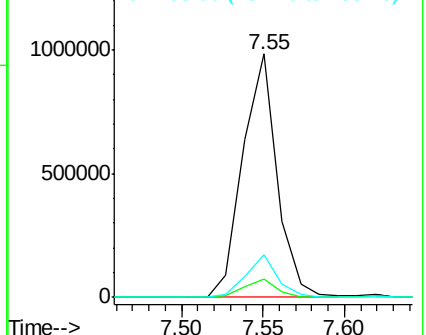
138 17.4 12.4 18.6

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



#26

2-Nitrophenol

Concen: 41.88 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

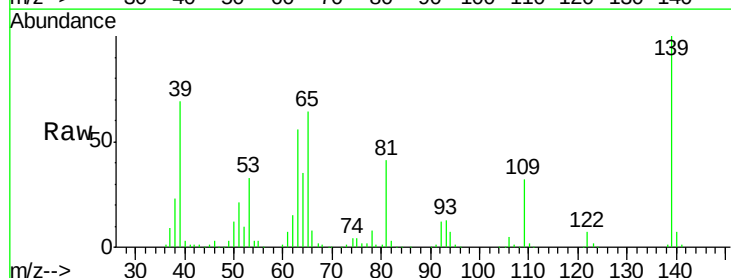
Tgt Ion: 139 Resp: 365856

Ion Ratio Lower Upper

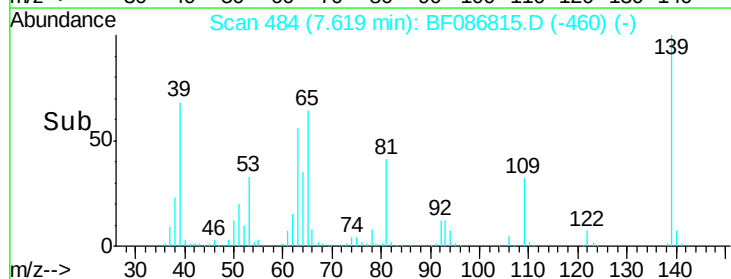
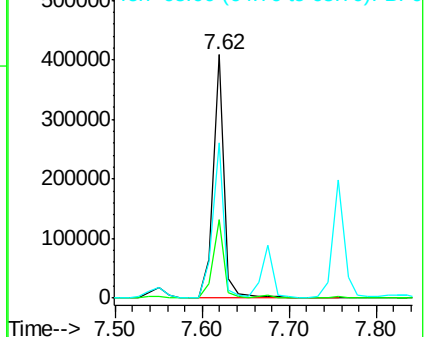
139 100

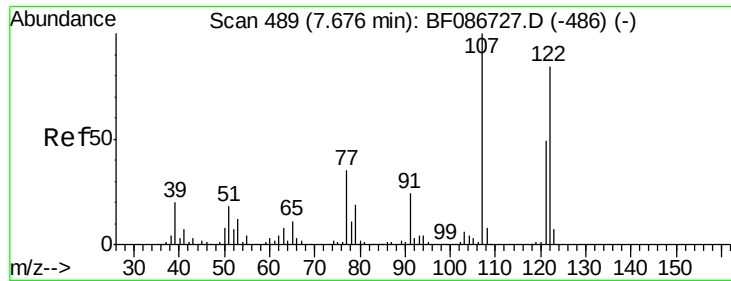
109 32.0 19.5 29.3#

65 63.8 37.5 56.3#



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





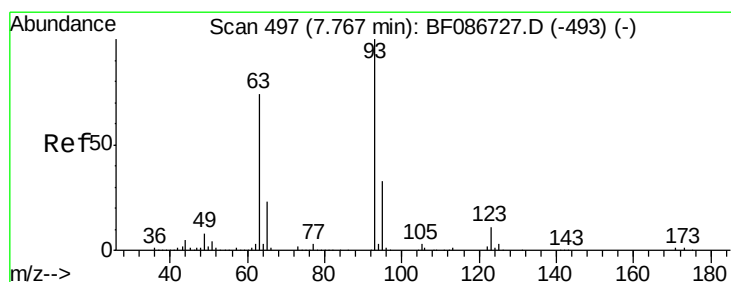
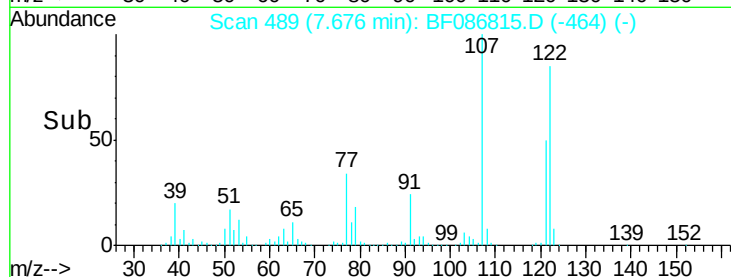
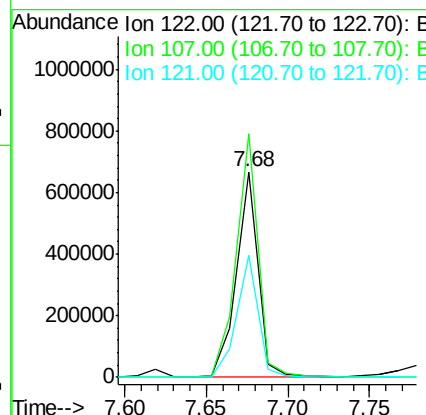
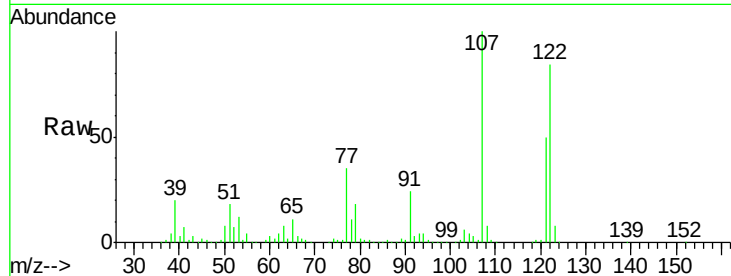
#27
 2,4-Dimethylphenol
 Concen: 39.88 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	611804		
107	118.4	82.0	123.0	
121	59.5	46.1	69.1	

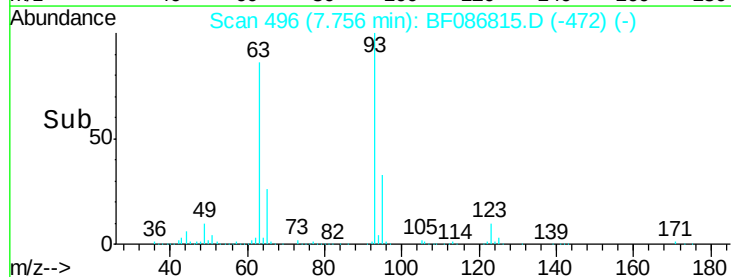
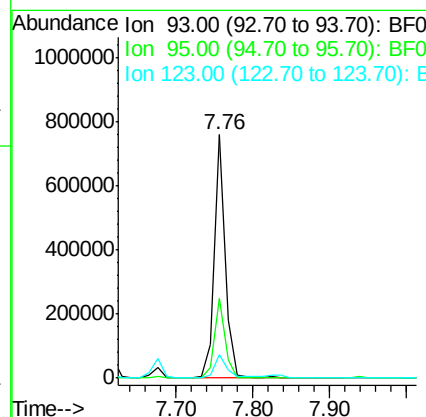
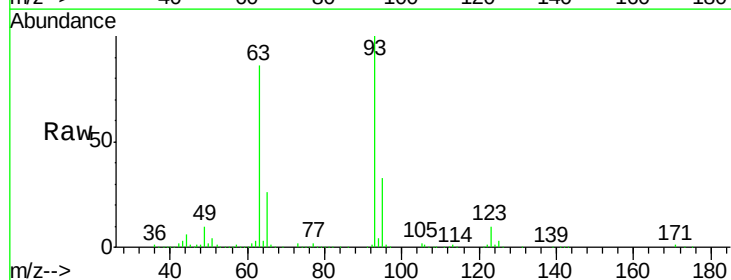
Manual Integrations
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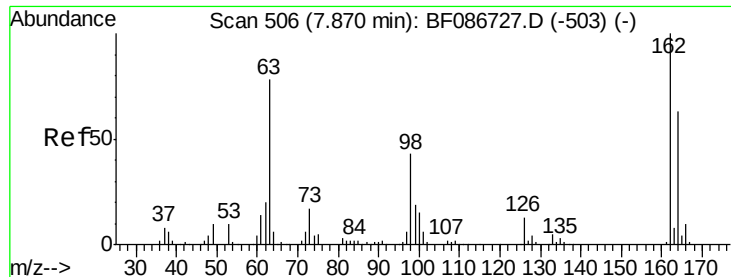
Sohil
 5/9/2016 7:20:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.01 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	737889		
95	32.6	26.0	39.0	
123	9.7	9.5	14.3	





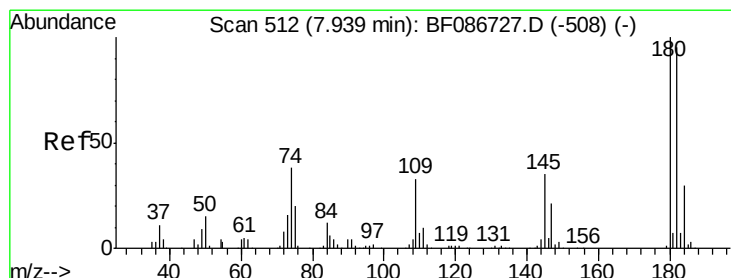
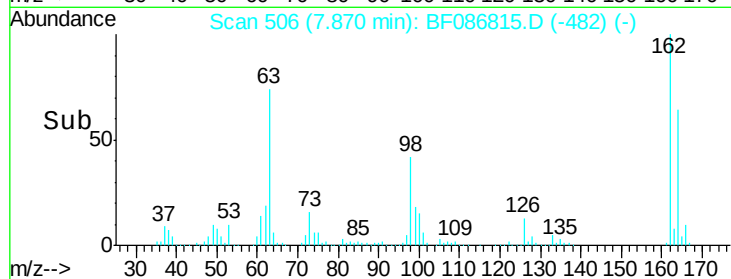
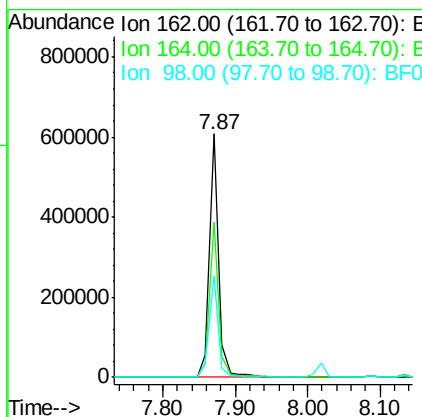
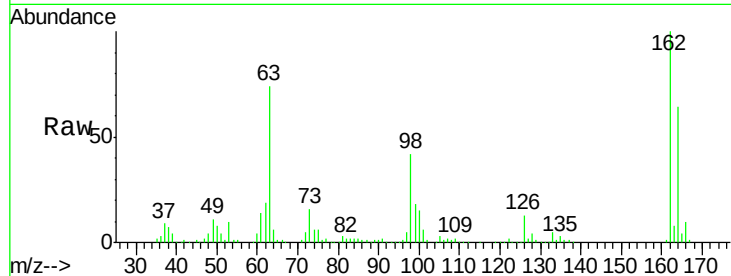
#29
2,4-Dichlorophenol
Concen: 40.57 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	42.2	82.2
98	41.9	19.0	59.0

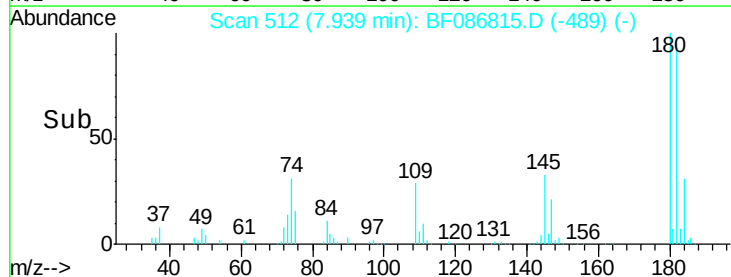
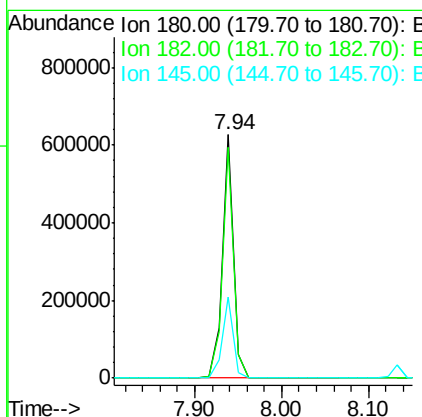
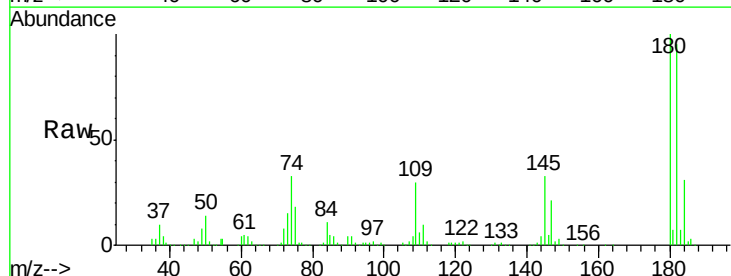
Manual Integrations
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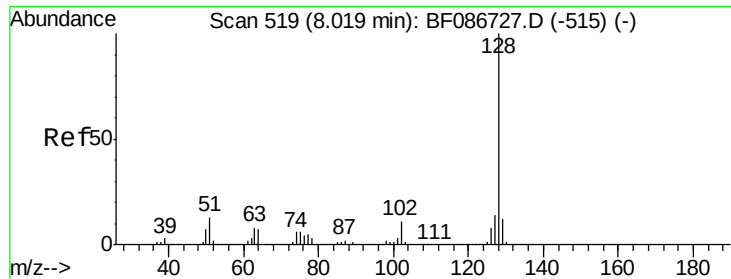
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#30
1,2,4-Trichlorobenzene
Concen: 38.63 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	78.0	117.0
145	33.4	24.2	36.2





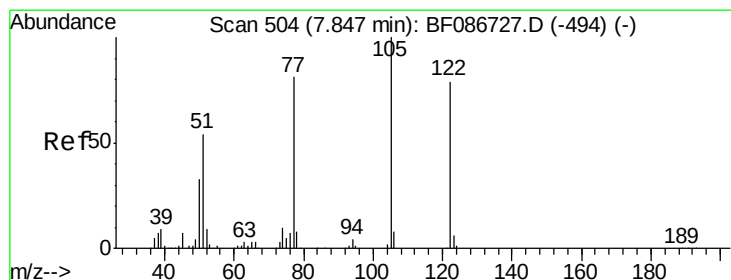
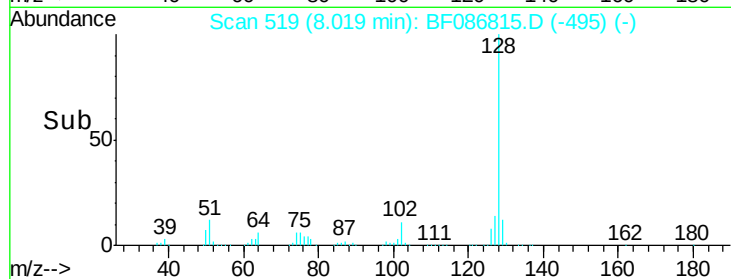
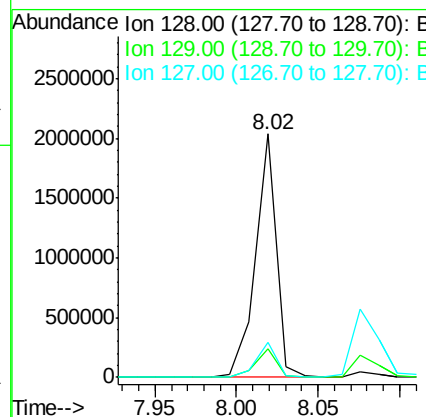
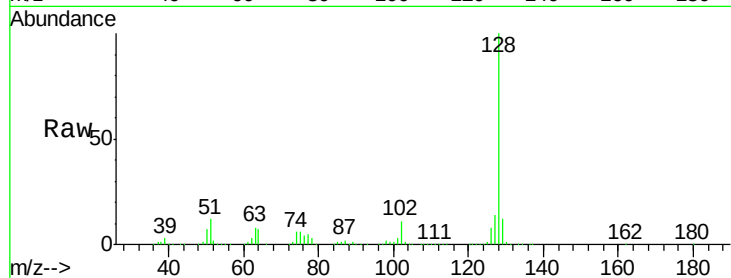
#31
Naphthalene
Concen: 36.53 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1816259
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 14.3 10.8 16.2

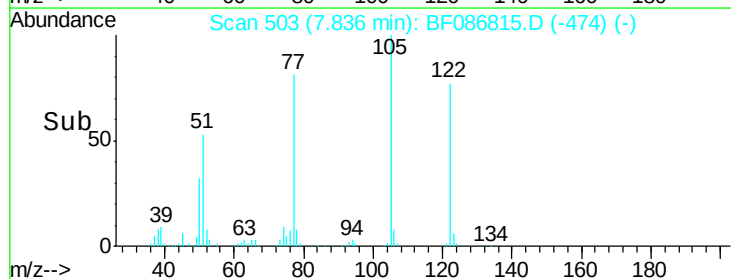
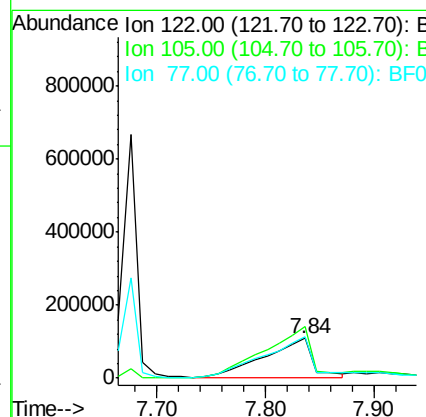
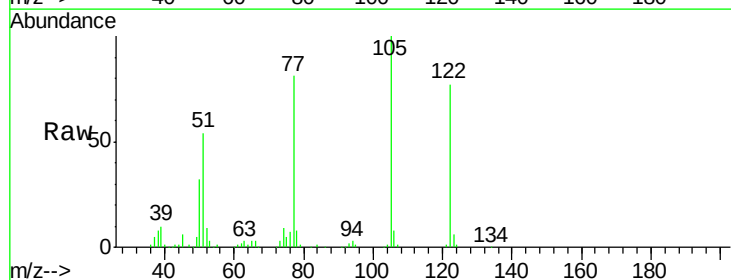
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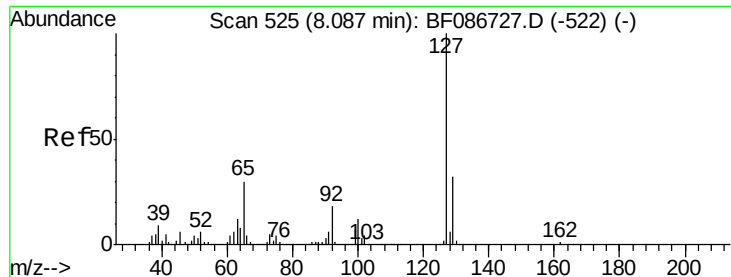
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#32
Benzoic acid
Concen: 53.02 ng
RT: 7.84 min Scan# 503
Delta R.T. 0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion:122 Resp: 323669
Ion Ratio Lower Upper
122 100
105 129.5 92.6 132.6
77 105.5 60.0 100.0#





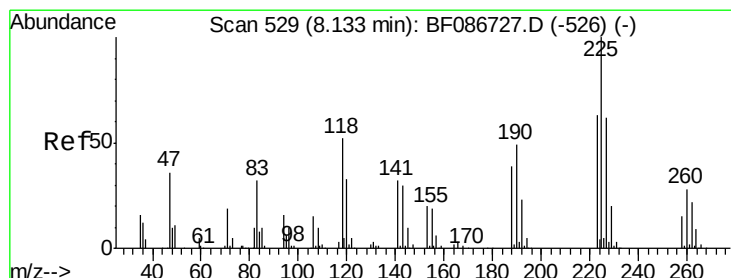
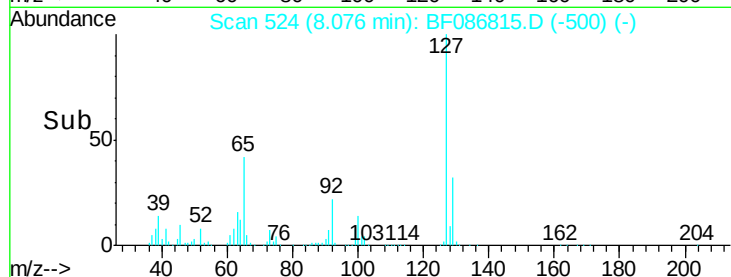
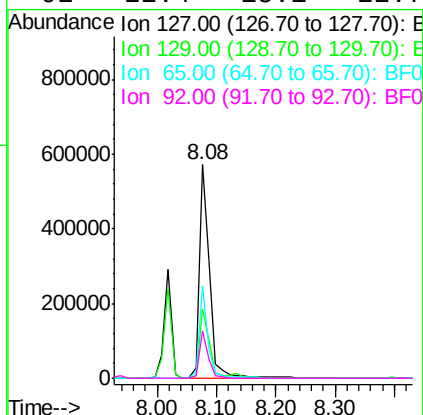
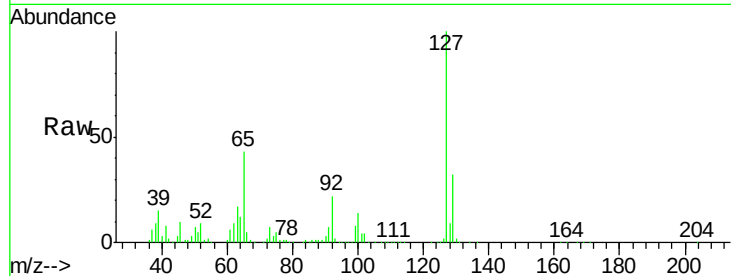
#33
4-Chloroaniline
Concen: 36.07 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.4	26.2	39.4
65	42.9	23.0	34.4
92	22.4	15.1	22.7

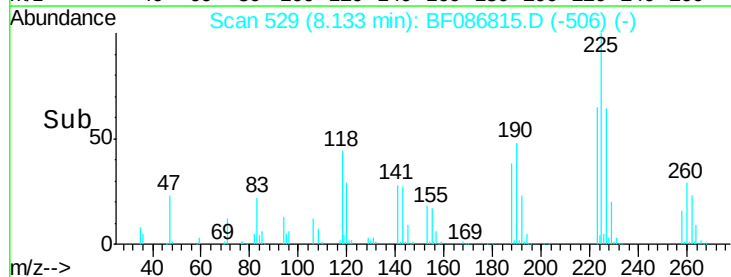
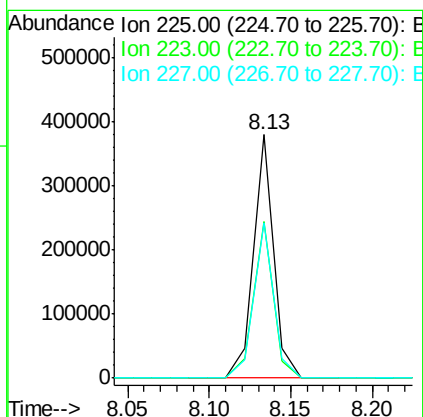
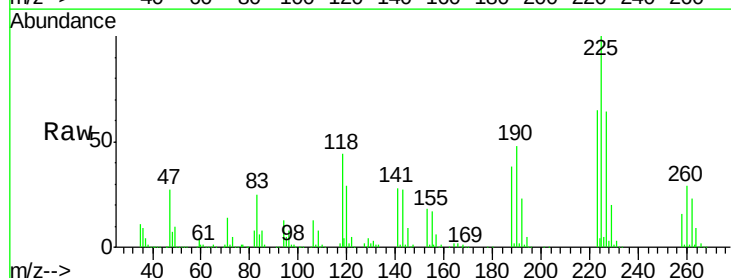
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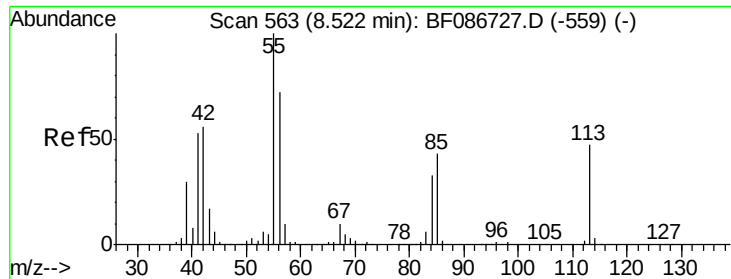
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#34
Hexachlorobutadiene
Concen: 38.97 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.5	51.5	77.3
227	63.7	52.2	78.2





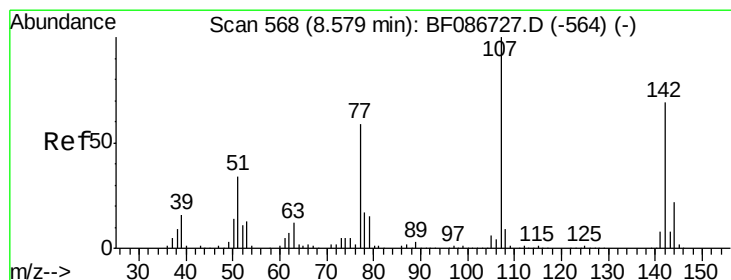
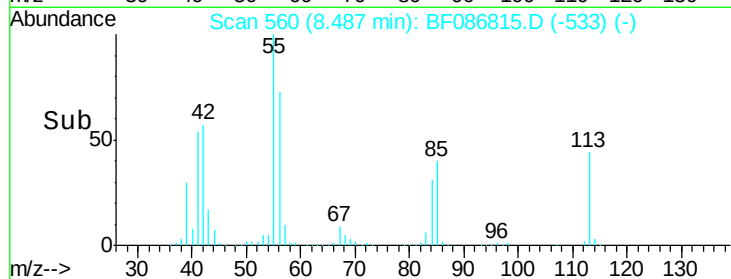
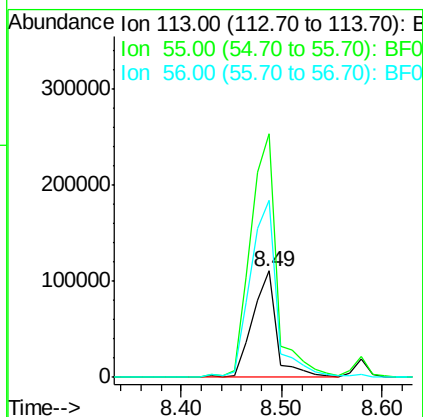
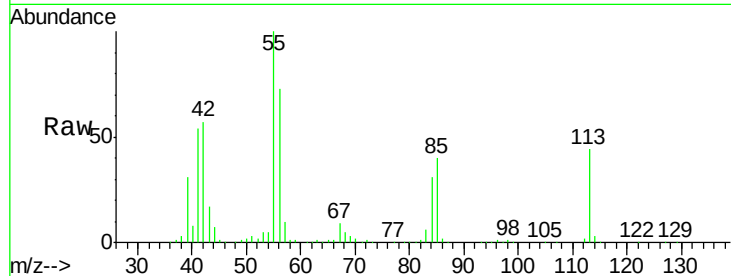
#35
 Caprolactam
 Concen: 45.03 ng
 RT: 8.49 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 183822
 Ion Ratio Lower Upper
 113 100
 55 229.2 162.0 202.0#
 56 166.4 115.3 155.3#

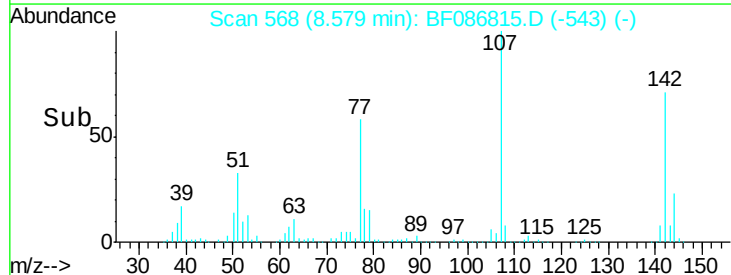
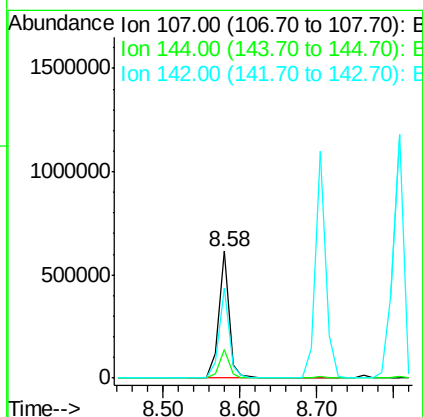
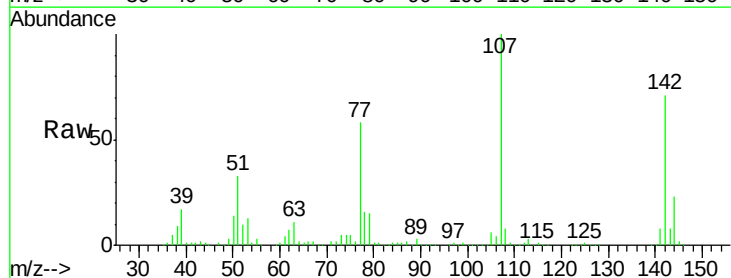
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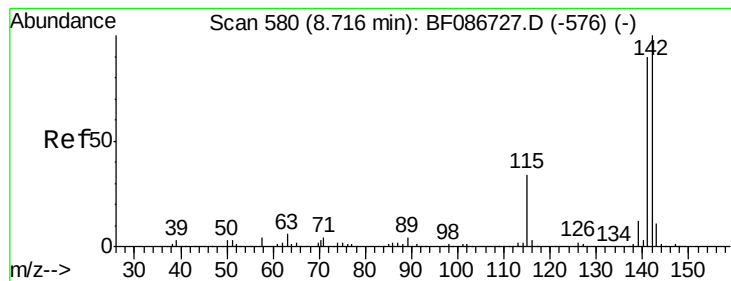
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#36
 4-Chloro-3-methylphenol
 Concen: 38.52 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion:107 Resp: 579649
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.7 31.1
 142 71.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 34.39 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.03 min

Lab File: BF086815.D

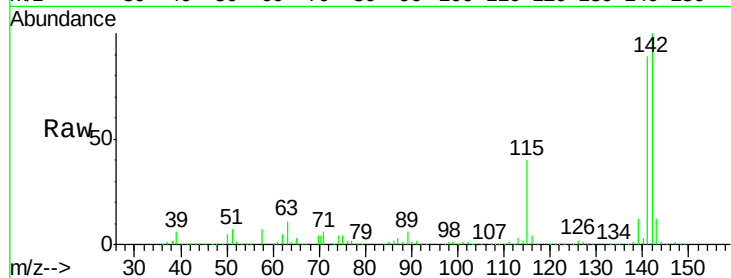
Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:142 Resp: 1008712

Ion Ratio Lower Upper

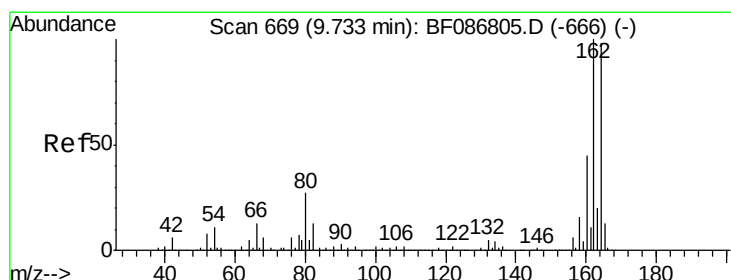
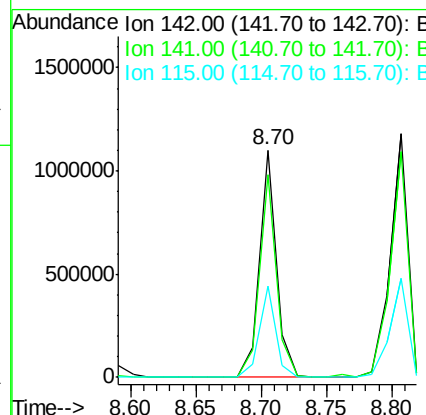
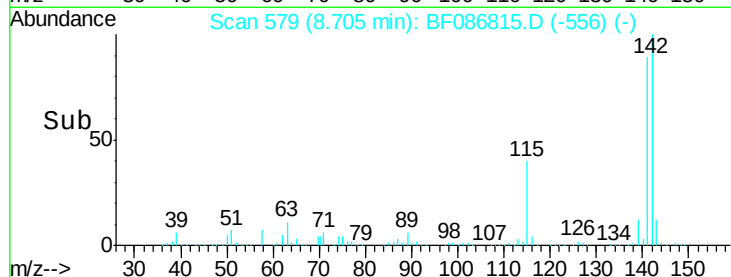
142 100

141 89.3 71.0 106.6

115 40.1 26.6 39.8#

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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: BF086815.D

Acq: 8 May 2016 11:03

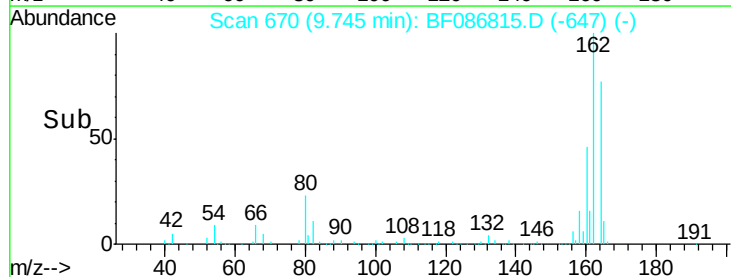
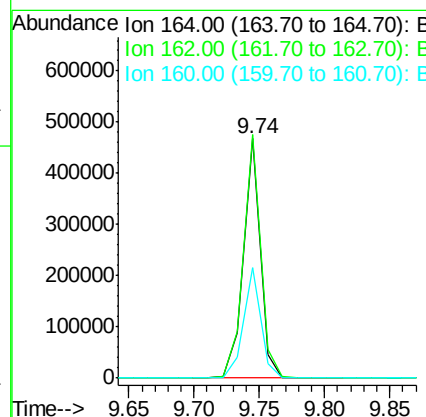
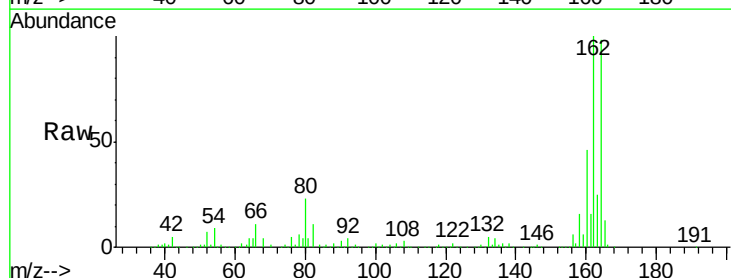
Tgt Ion:164 Resp: 416361

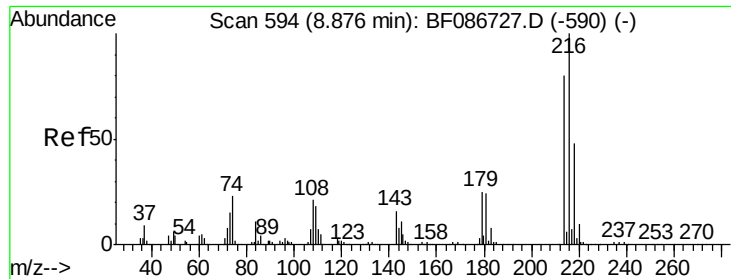
Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

160 46.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.50 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF086815.D

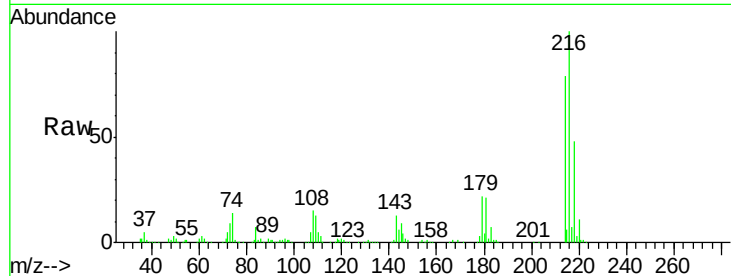
Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

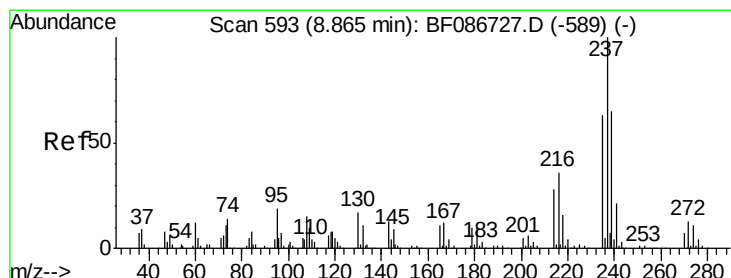
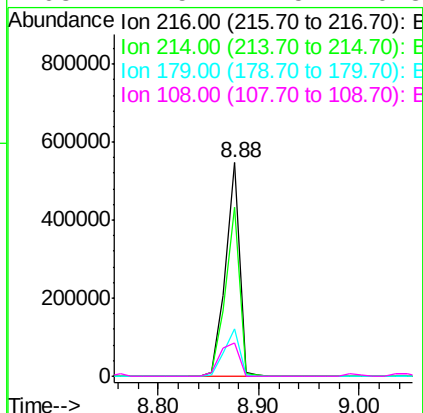
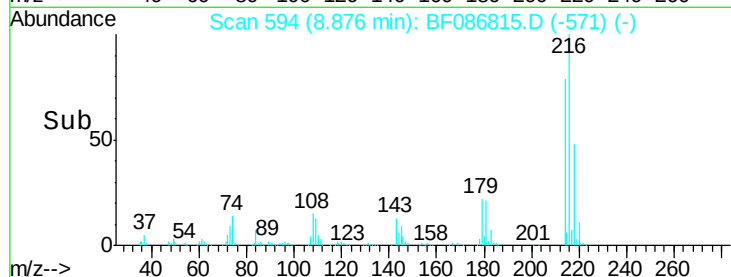
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.6	93.8
179	23.8	18.2	27.4
108	21.5	17.5	26.3

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#40

Hexachlorocyclopentadiene

Concen: 18.81 ng

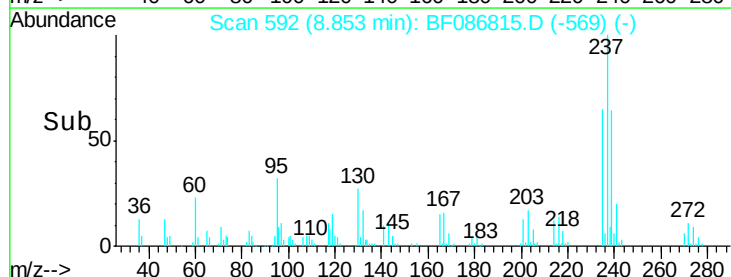
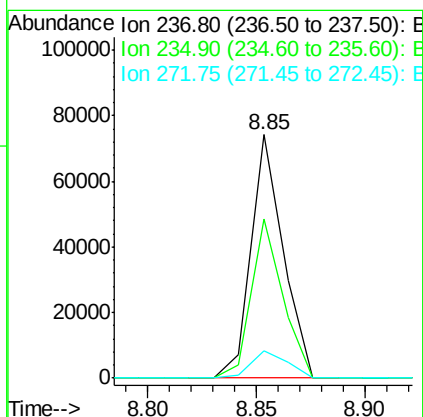
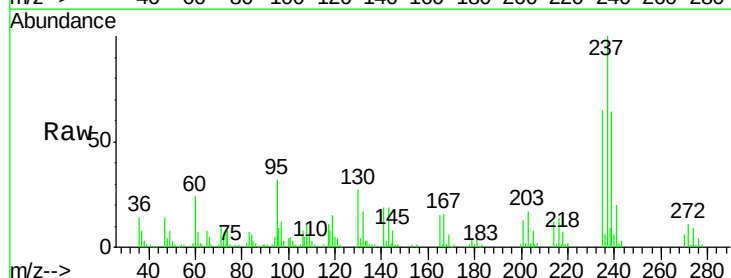
RT: 8.85 min Scan# 592

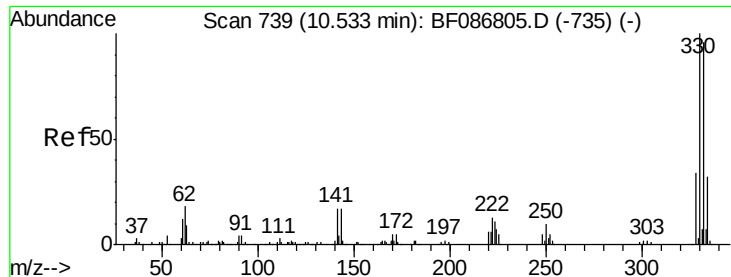
Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.3	47.2	87.2
272	11.4	0.0	31.1





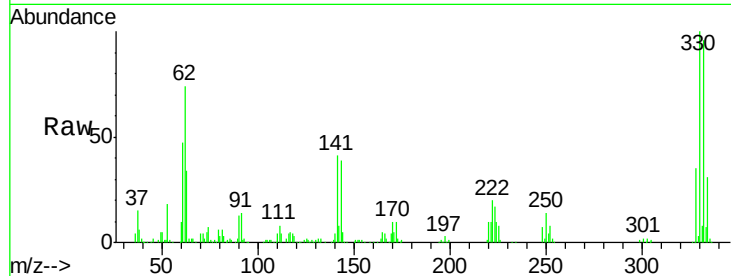
#41
 2,4,6-Tribromophenol
 Concen: 69.70 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	283877		
332	96.3	79.0	118.4	
141	41.4	31.2	46.8	

Manual Integrations
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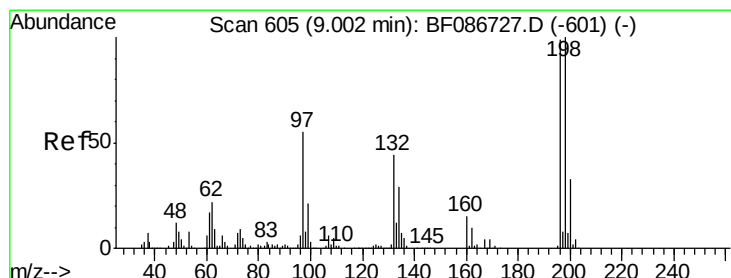
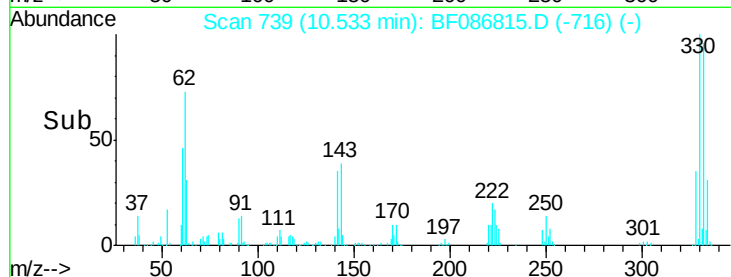
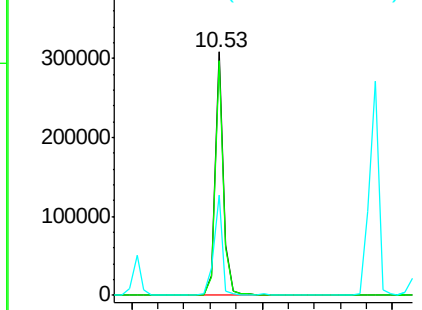


Abundance

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: 44.54 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

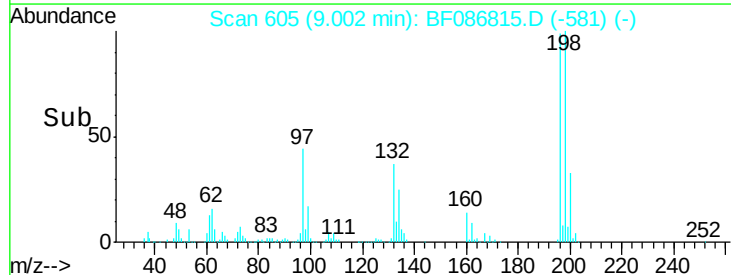
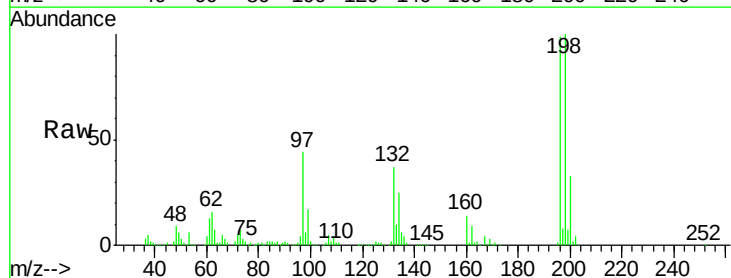
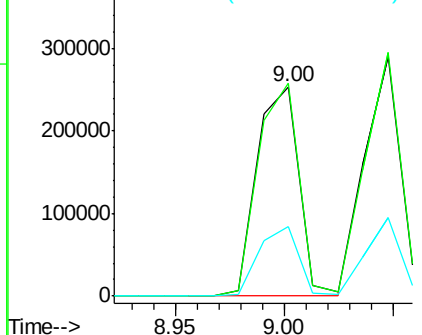
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	341318		
198	101.4	74.7	112.1	
200	33.4	23.8	35.6	

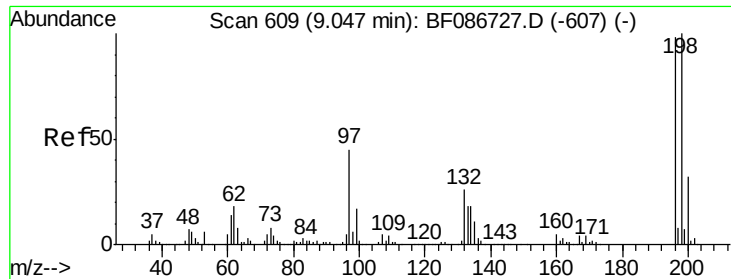
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

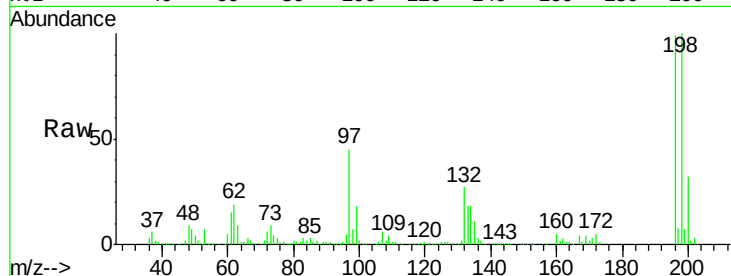
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.80 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

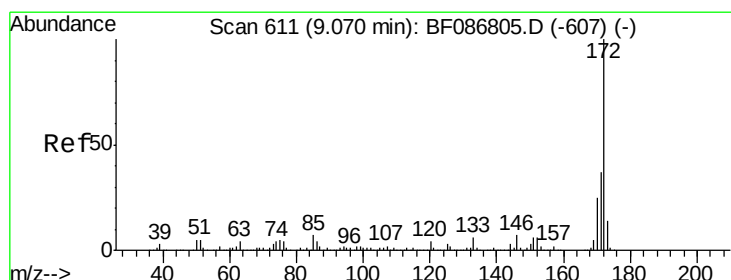
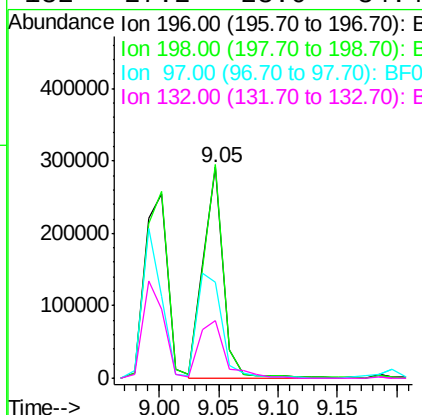
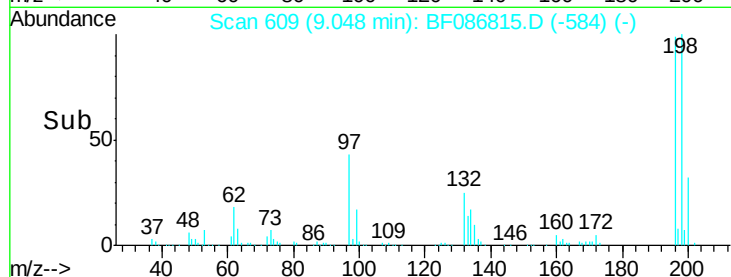
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	196	198	97	132
Resp	342674	101.4	45.8	27.2
Lower		77.5	34.8	23.0
Upper		116.3	52.2	34.4

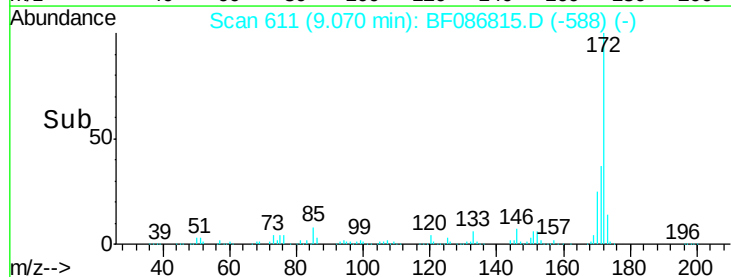
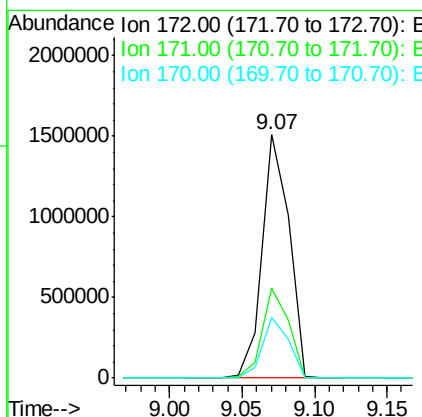
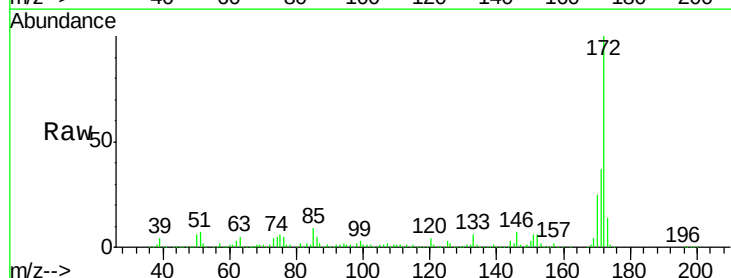
Manual Integrations
 APPROVED

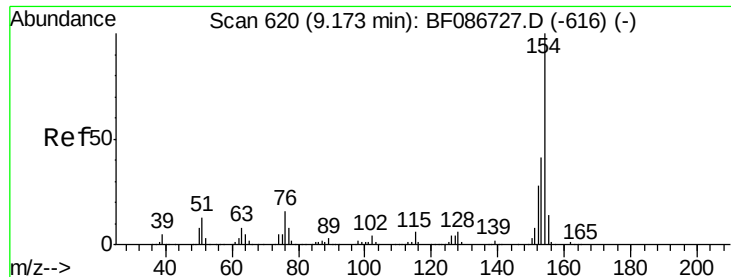
Sohil
 5/9/2016 7:20:38 PM



#44
 2-Fluorobiphenyl
 Concen: 76.61 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion	172	171	170
Resp	1945821	36.8	24.8
Lower		29.0	19.8
Upper		43.6	29.8





#45

1,1'-Biphenyl

Concen: 38.11 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 1297125

Ion Ratio Lower Upper

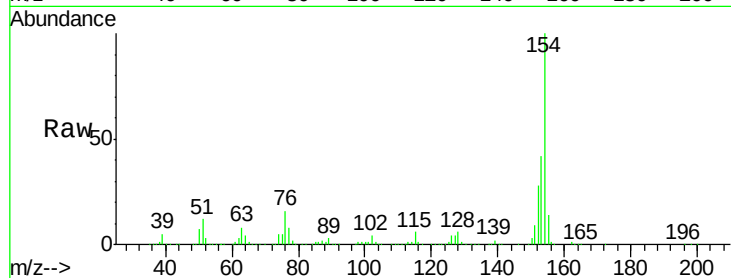
154 100

153 41.7 20.3 60.3

76 15.9 0.0 30.2

Manual Integrations
APPROVED

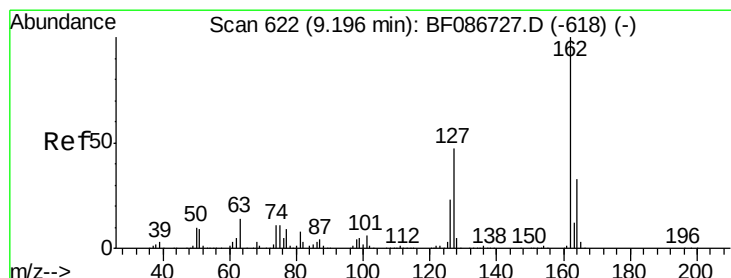
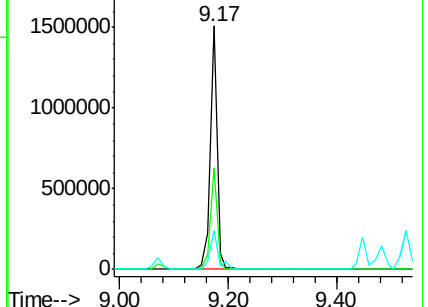
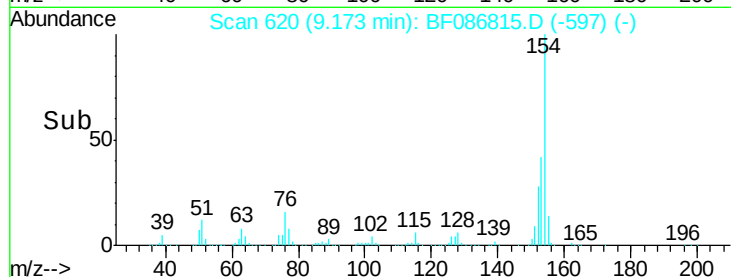
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.68 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

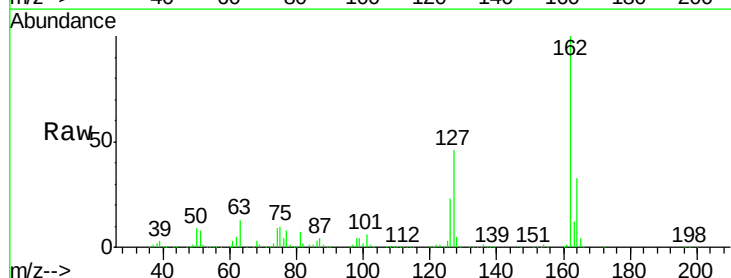
Tgt Ion:162 Resp: 1015922

Ion Ratio Lower Upper

162 100

127 46.0 31.8 47.6

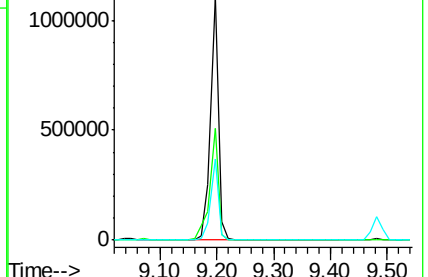
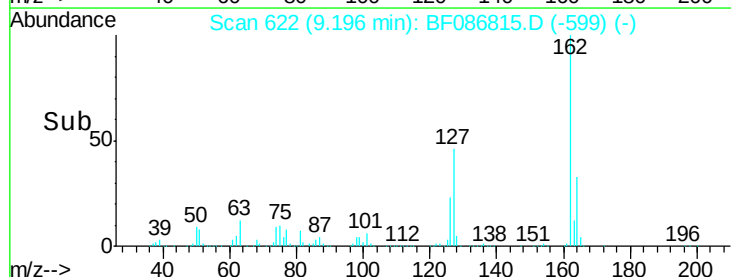
164 33.2 27.0 40.6

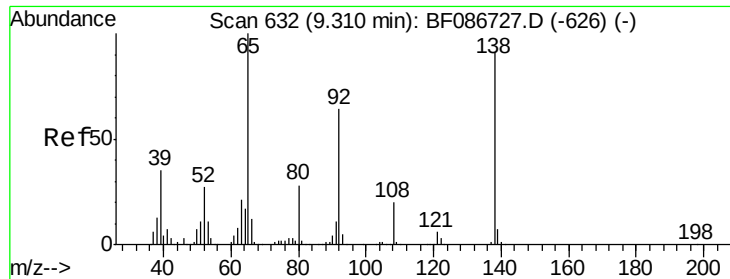


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





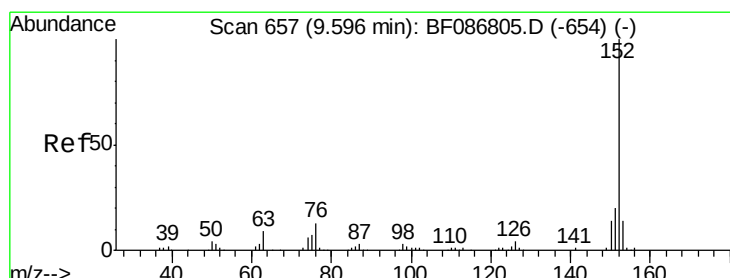
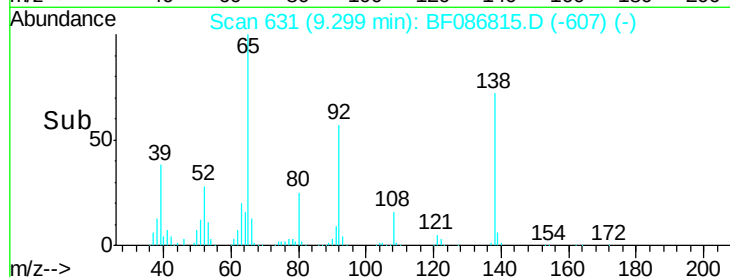
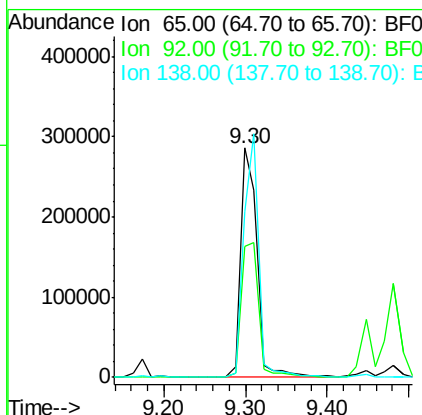
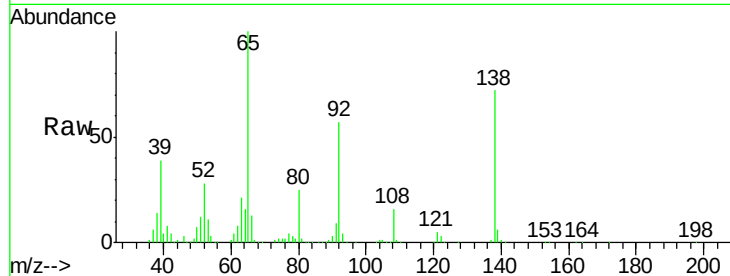
#47
2-Nitroaniline
Concen: 42.80 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 399740
Ion Ratio Lower Upper
65 100
92 57.0 57.4 86.2#
138 72.0 90.1 135.1#

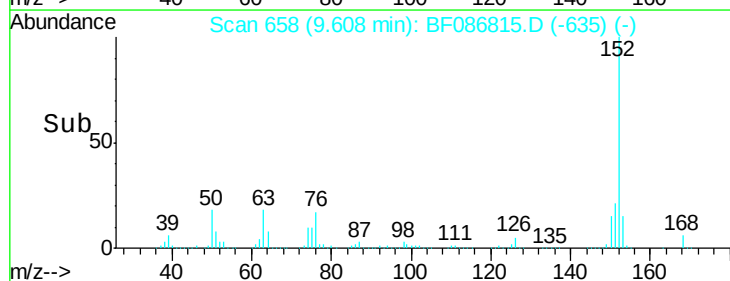
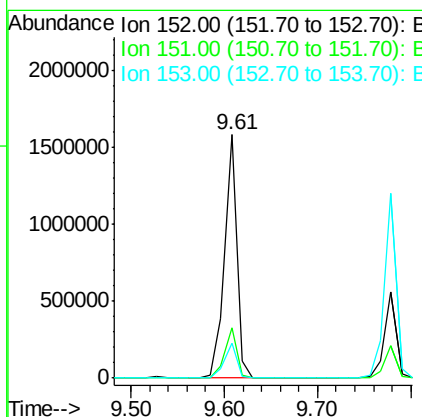
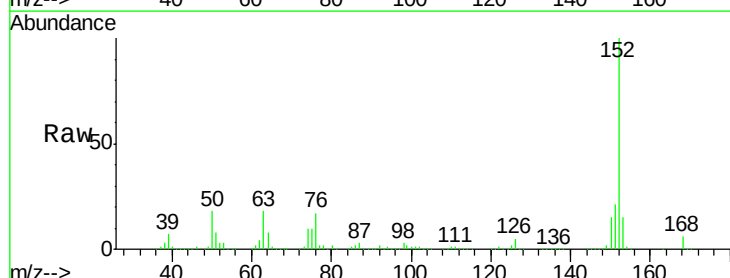
Manual Integrations
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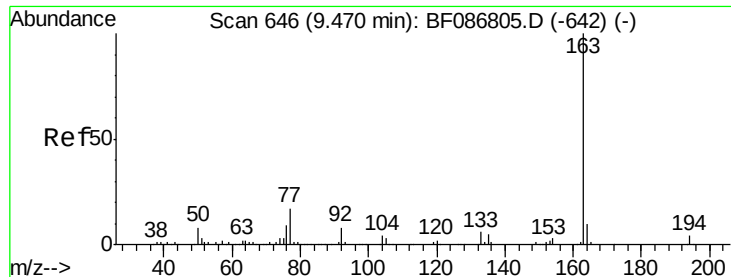
Sohil
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#48
Acenaphthylene
Concen: 37.28 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion: 152 Resp: 1453788
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 14.6 10.9 16.3





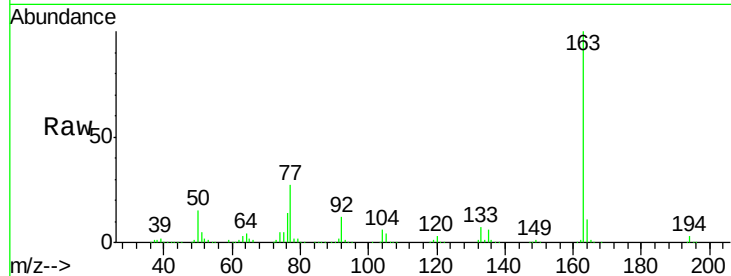
#49
Dimethylphthalate
Concen: 41.67 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

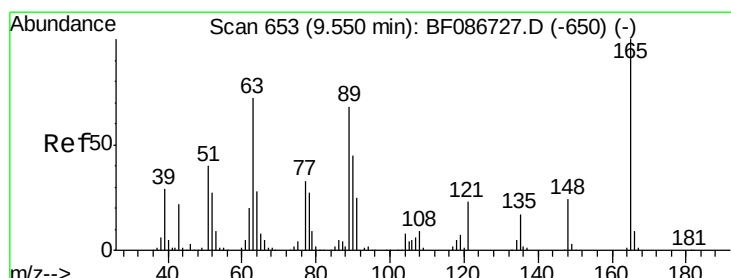
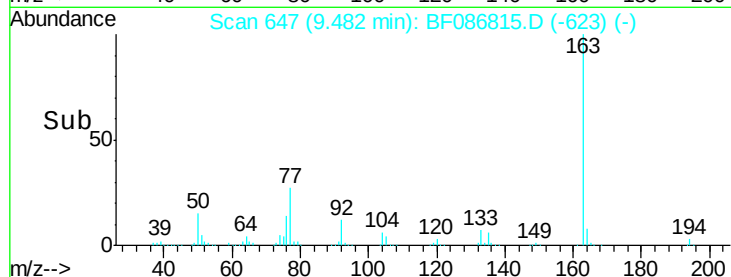
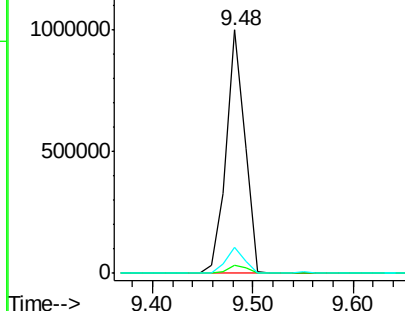
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.7	8.2	12.4

Manual Integrations
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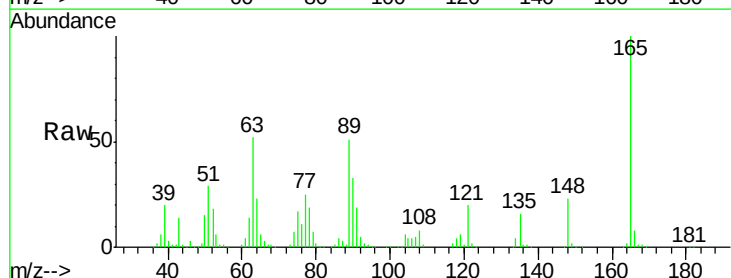


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

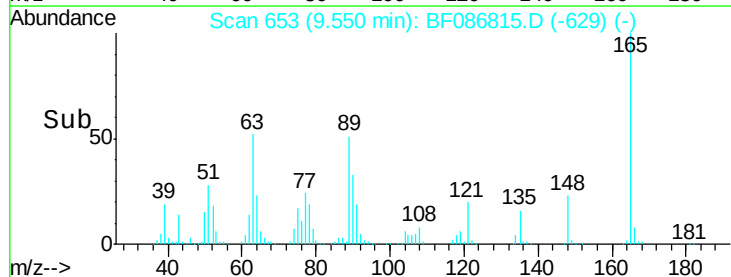
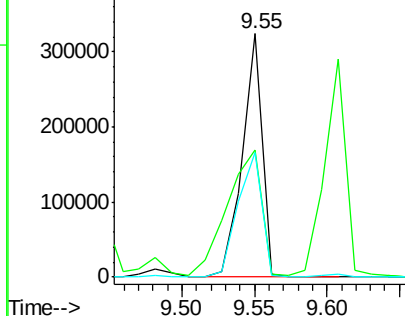


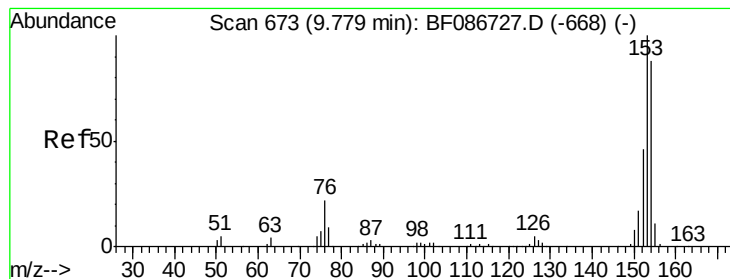
#50
2,6-Dinitrotoluene
Concen: 46.38 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	51.8	77.8
89	50.9	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: 36.04 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086815.D

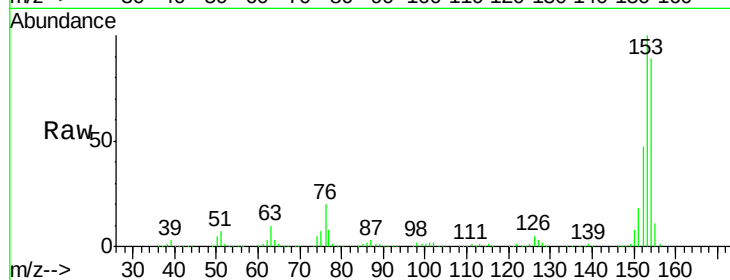
Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:154 Resp: 927124

Ion Ratio Lower Upper

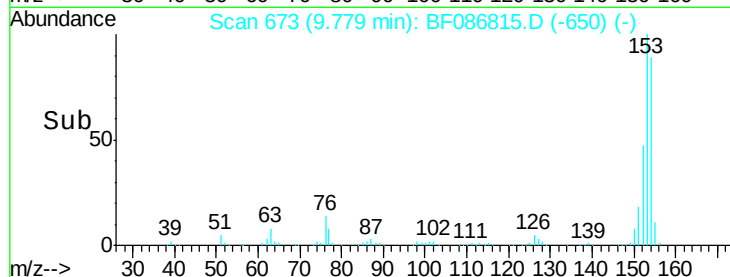
154 100

153 112.9 89.8 134.6

152 52.9 43.4 65.0

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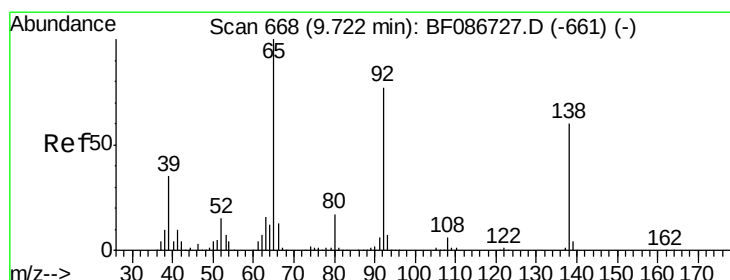
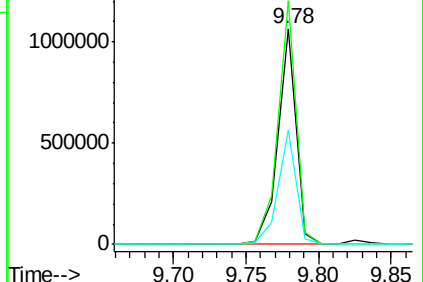
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.24 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

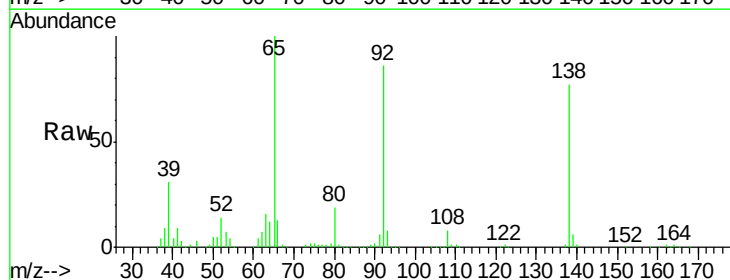
Tgt Ion:138 Resp: 327469

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

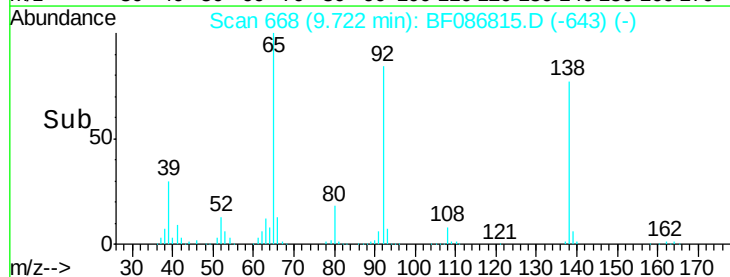
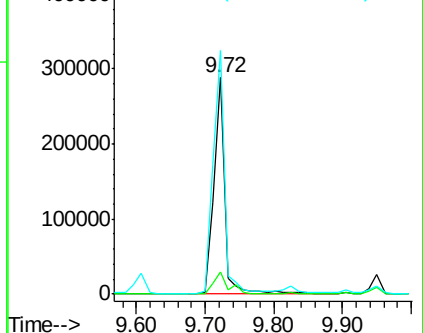
92 112.4 87.8 131.8

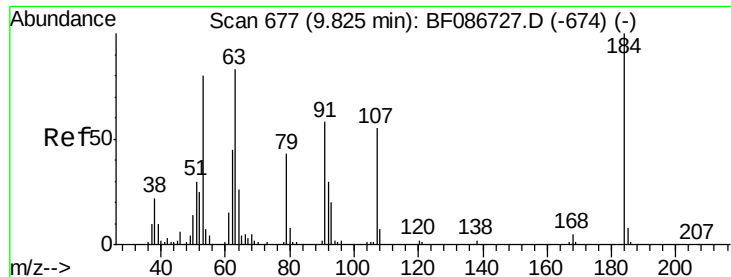


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

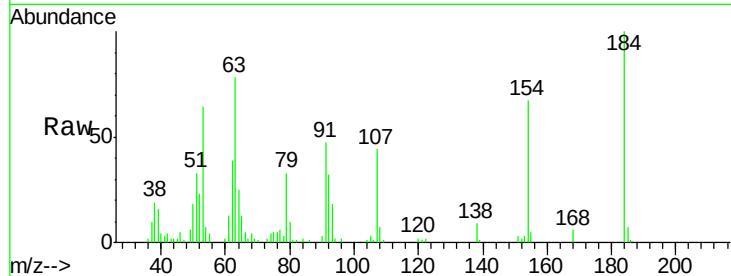
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 28.69 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

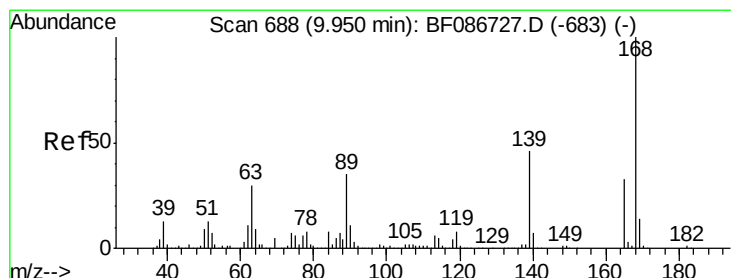
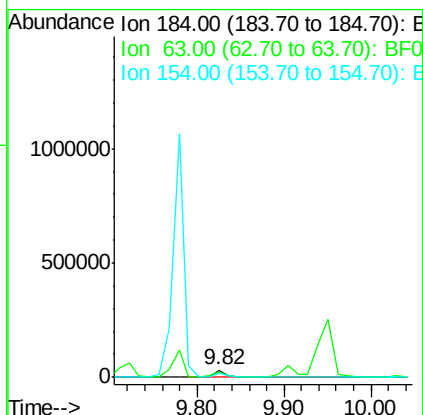
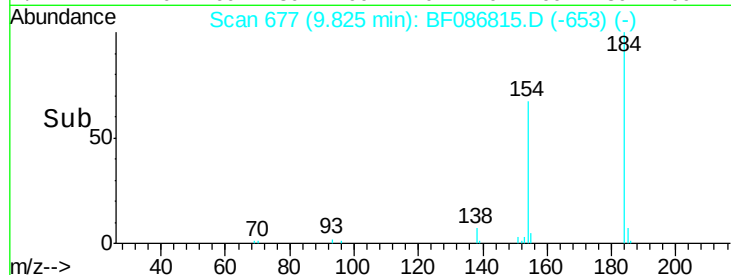
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	40147		
63	78.3	55.8	83.8	
154	66.7	62.4	93.6	

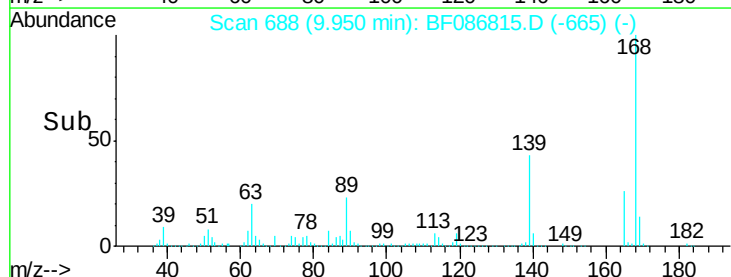
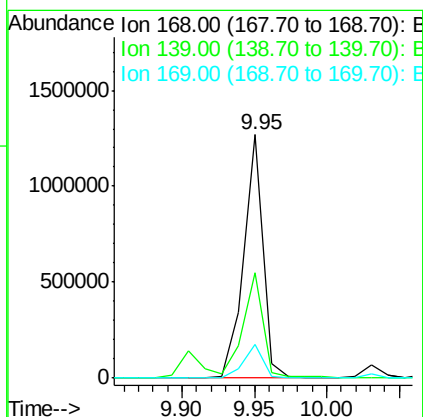
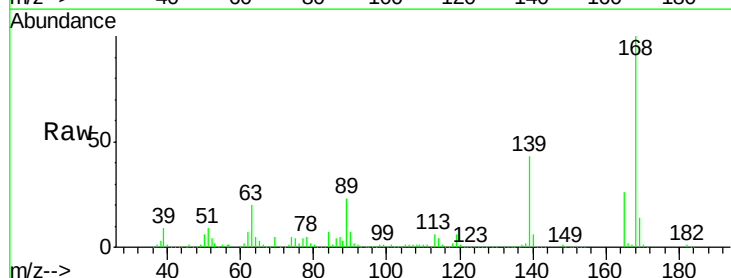
Manual Integrations
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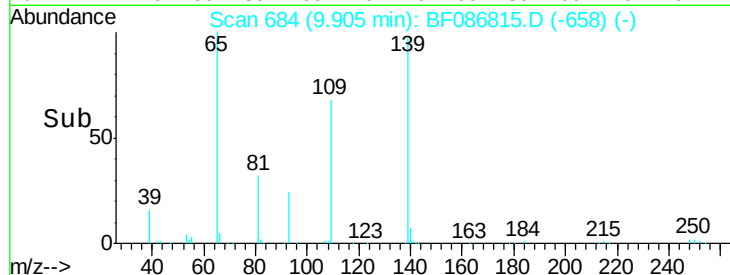
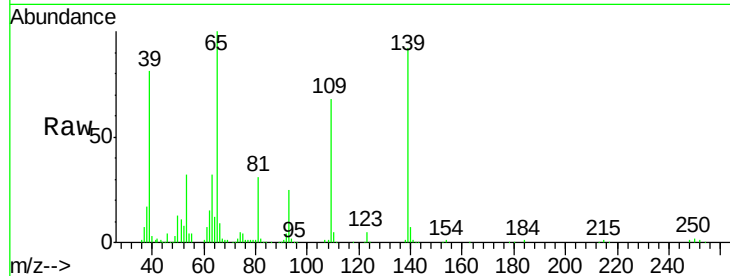
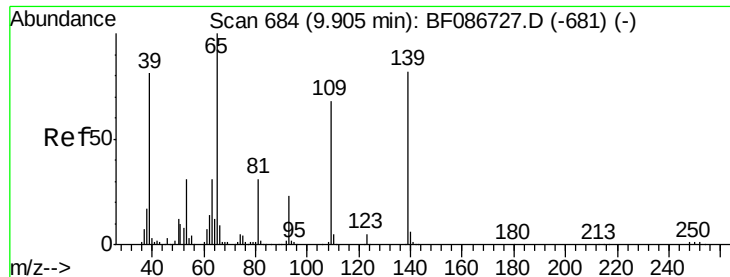
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#54
Dibenzofuran
Concen: 37.06 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1181542		
139	43.1	31.4	47.0	
169	13.7	10.7	16.1	





#55

4-Nitrophenol

Concen: 36.21 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086815.D

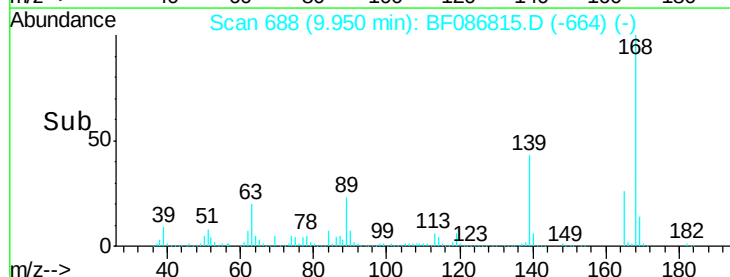
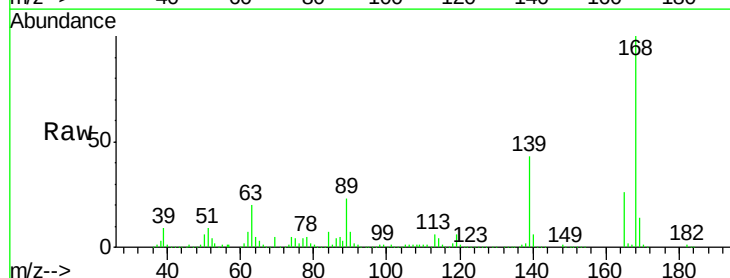
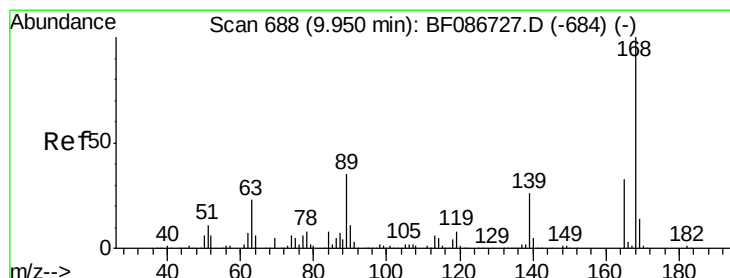
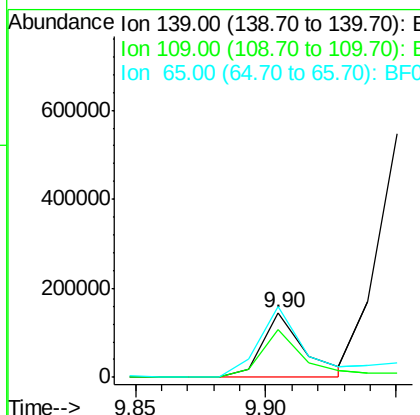
Acq: 8 May 2016 11:03

Tgt Ion:	139	Resp:	159871
Ion Ratio	Lower	Upper	
139	100		
109	73.7	36.9	76.9
65	109.2	64.0	104.0#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 39.79 ng

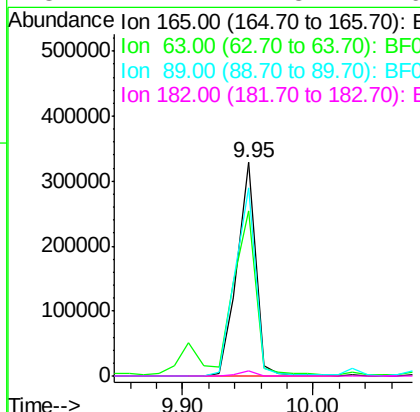
RT: 9.95 min Scan# 688

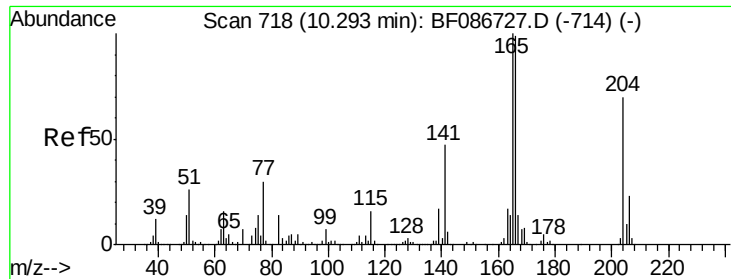
Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion:	165	Resp:	328499
Ion Ratio	Lower	Upper	
165	100		
63	77.1	44.3	66.5#
89	88.1	70.0	105.0
182	2.4	1.8	2.6





#57

Fluorene

Concen: 40.19 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:166 Resp: 1038444

Ion Ratio Lower Upper

166 100

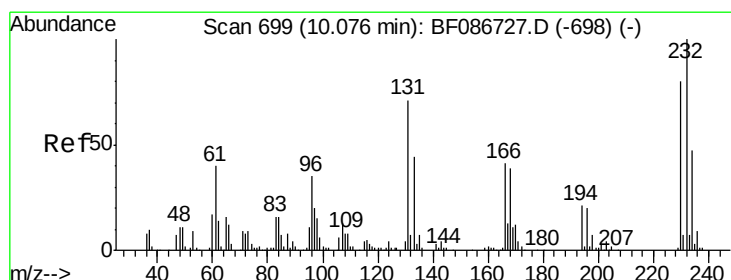
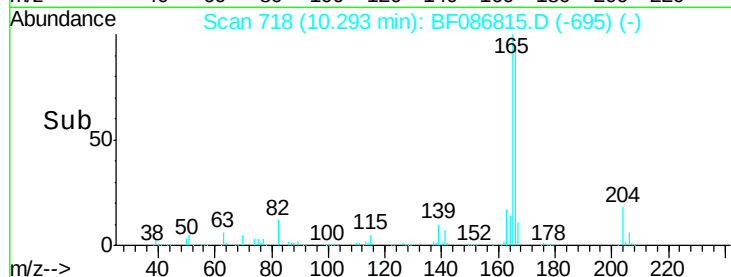
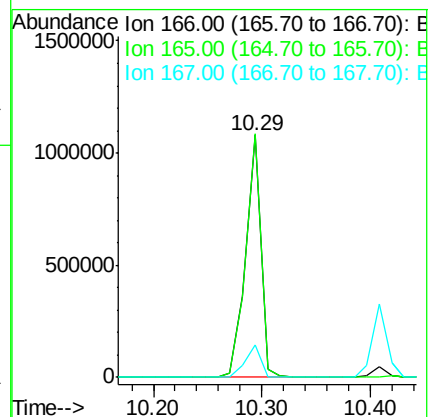
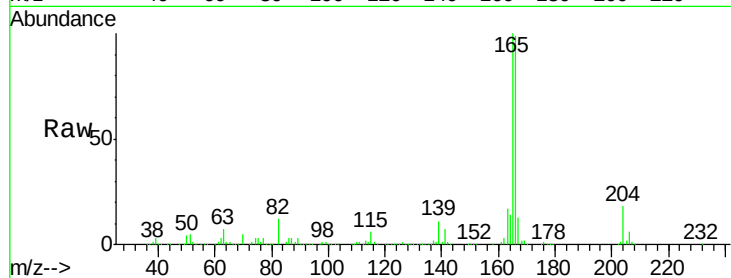
165 100.6 79.0 118.6

167 13.5 10.6 15.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.94 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion:232 Resp: 240748

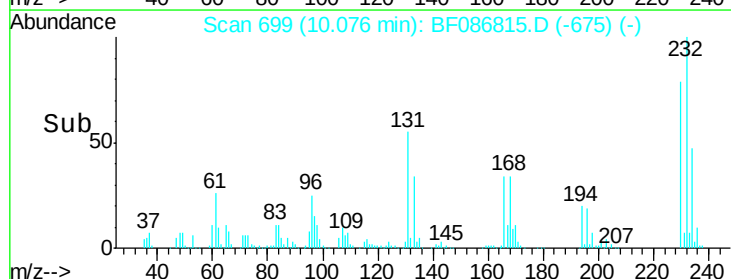
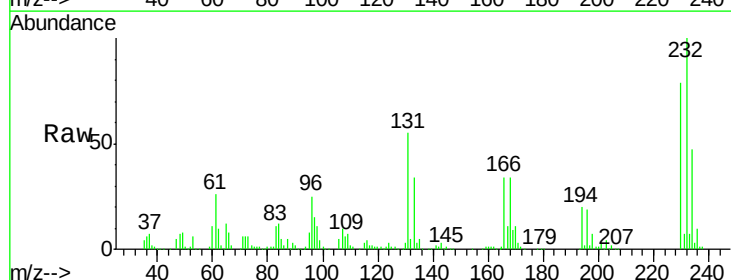
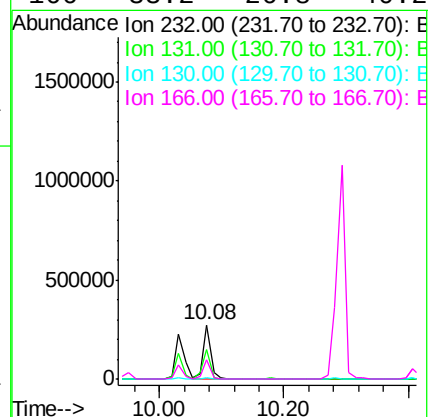
Ion Ratio Lower Upper

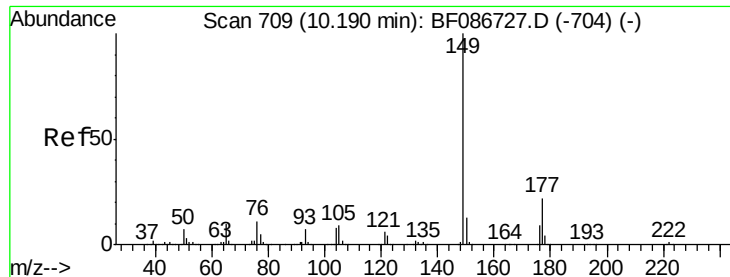
232 100

131 55.7 41.9 62.9

130 2.9 2.2 3.4

166 33.2 26.8 40.2





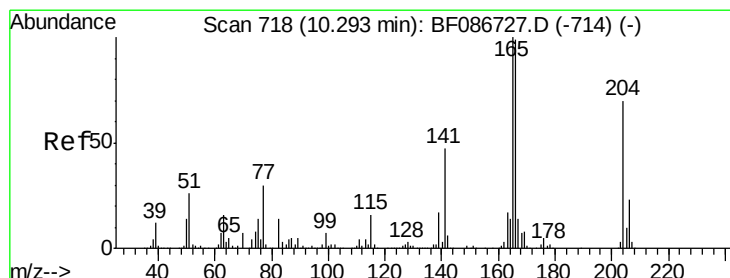
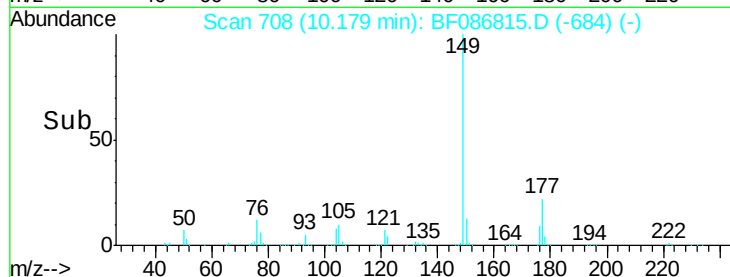
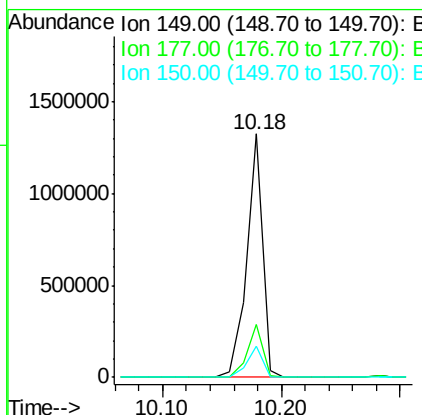
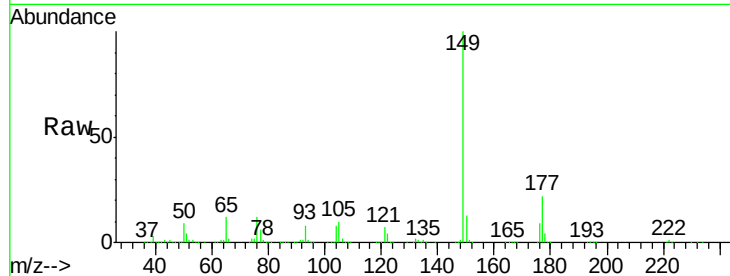
#59
Diethylphthalate
Concen: 42.19 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.6	24.8
150	13.0	10.0	15.0

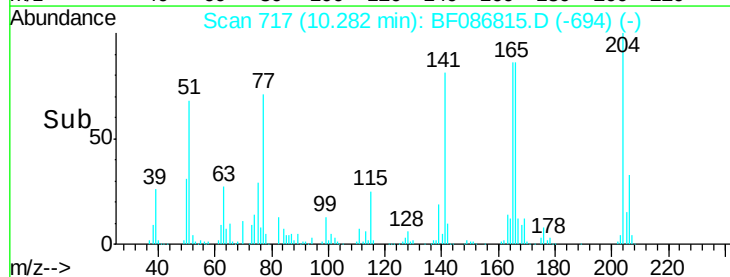
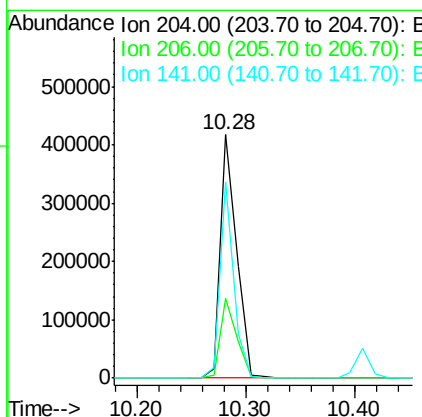
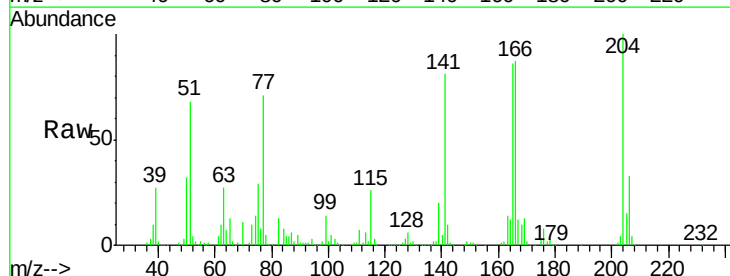
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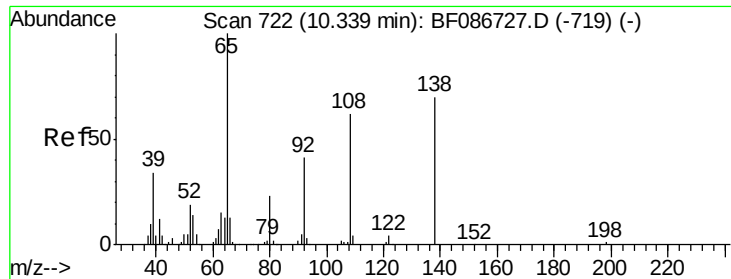
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#60
4-Chlorophenyl-phenylether
Concen: 35.50 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.4	38.0
141	80.6	61.6	92.4





#61

4-Nitroaniline

Concen: 38.97 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

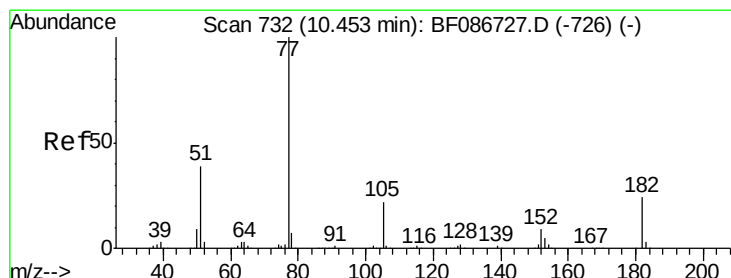
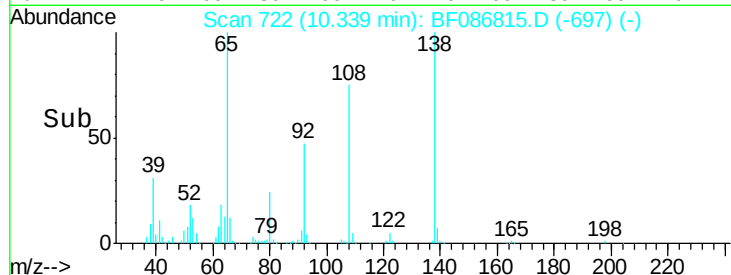
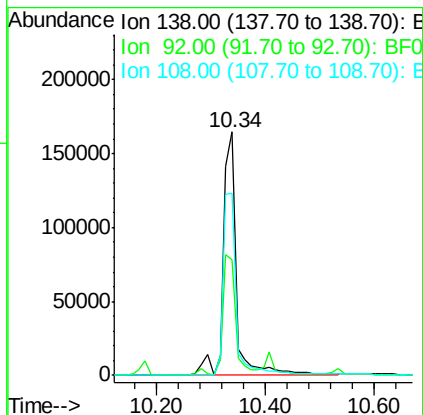
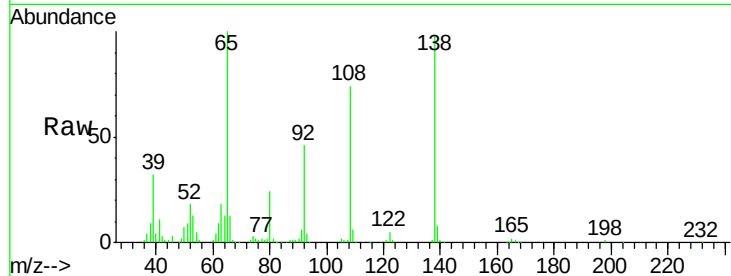
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	138	Resp:	283513
Ion Ratio	Lower	Upper	
138	100		
92	47.3	24.7	64.7
108	74.7	37.4	77.4

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#62

Azobenzene

Concen: 37.41 ng

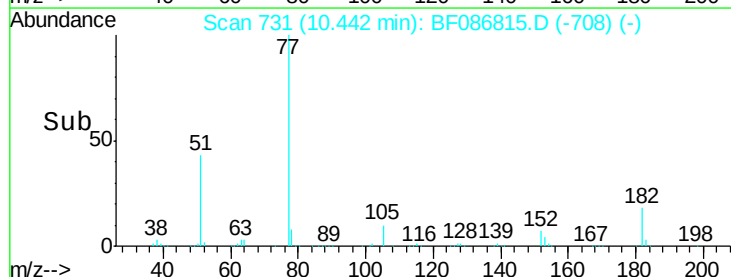
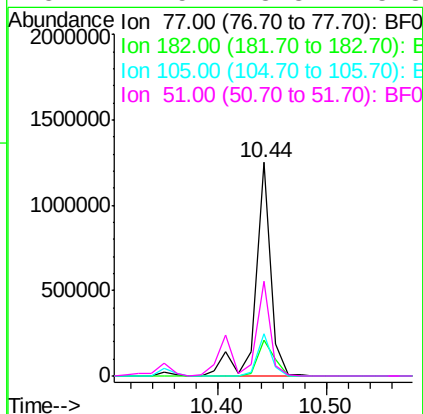
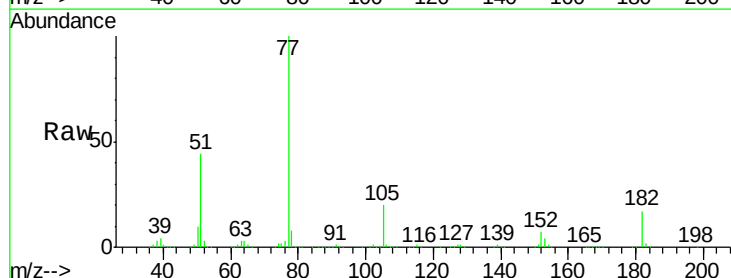
RT: 10.44 min Scan# 731

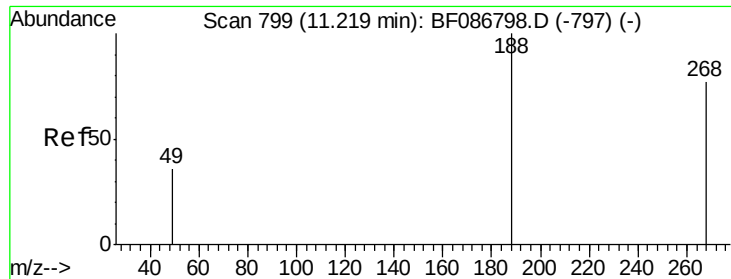
Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion:	77	Resp:	1217816
Ion Ratio	Lower	Upper	
77	100		
182	17.0	0.0	38.8
105	20.1	3.2	43.2
51	44.5	8.8	48.8





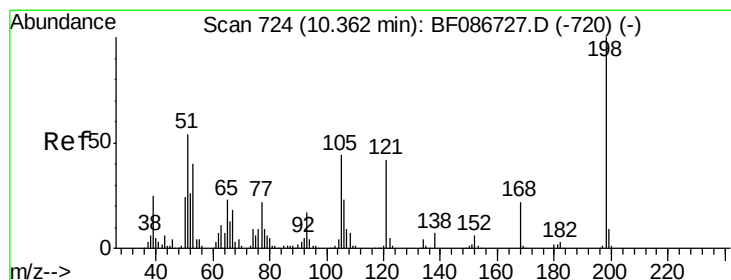
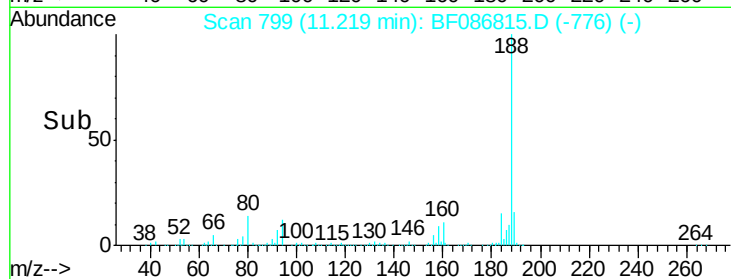
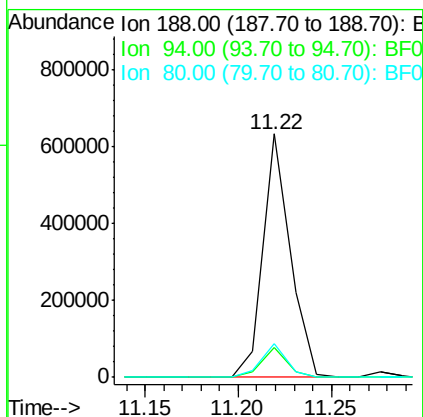
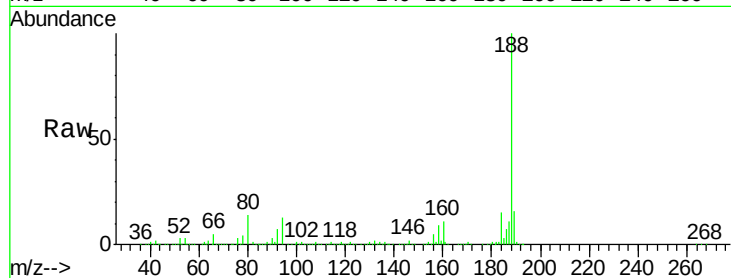
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.5	6.8	10.2#
80	13.7	7.1	10.7#

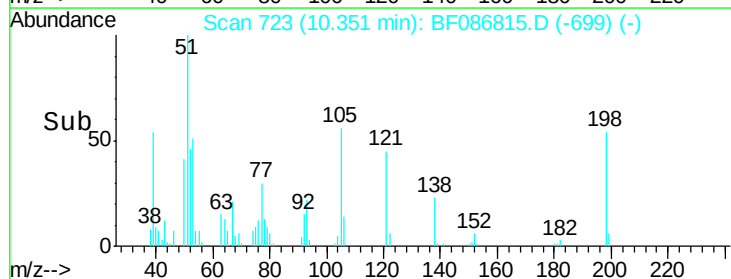
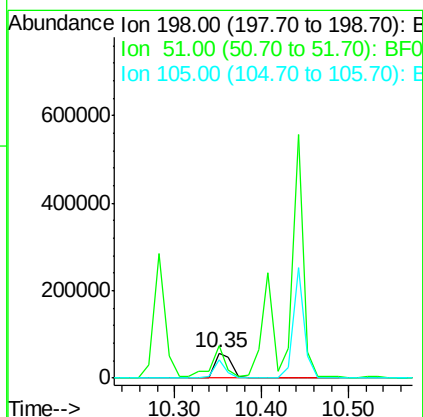
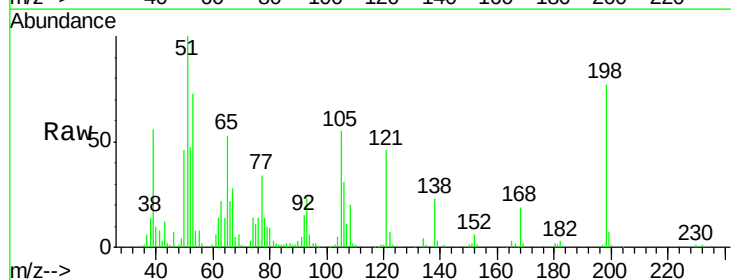
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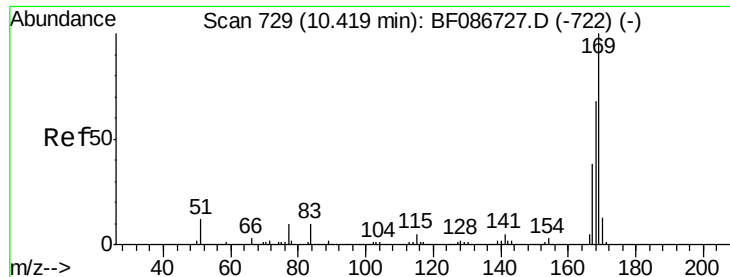
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.70 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	129.6	20.5	60.5#
105	71.6	24.5	64.5#





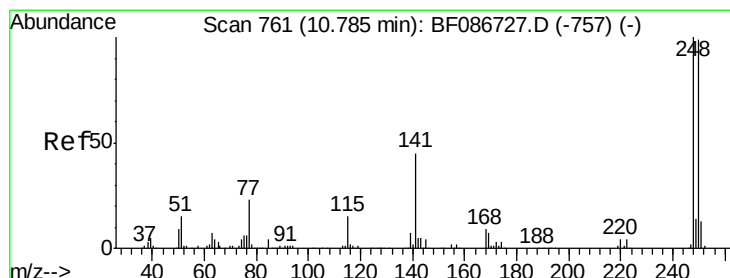
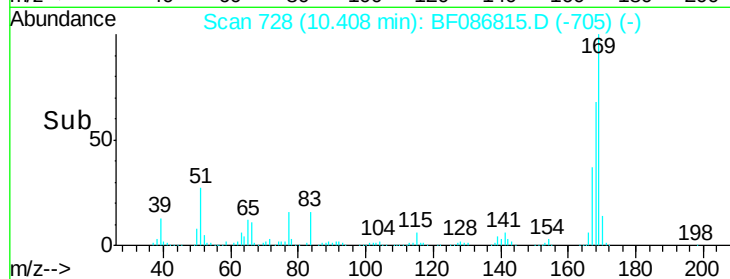
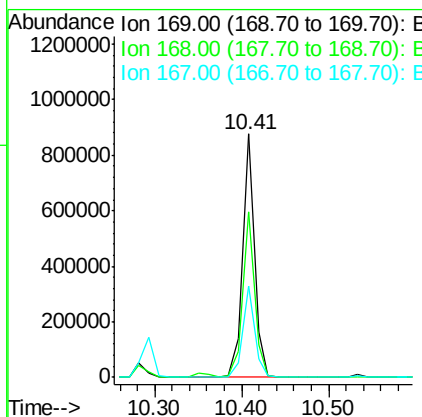
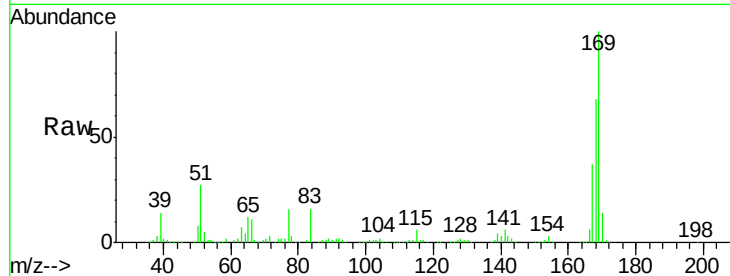
#65
 n-Nitrosodiphenylamine
 Concen: 40.97 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	830683		
168	68.0	53.8	80.6	
167	37.5	29.5	44.3	

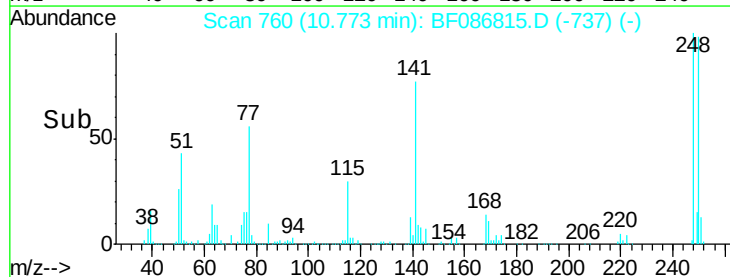
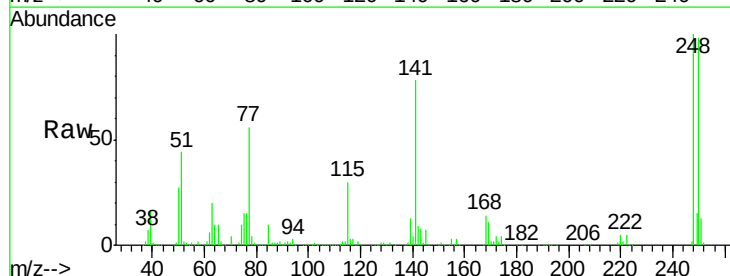
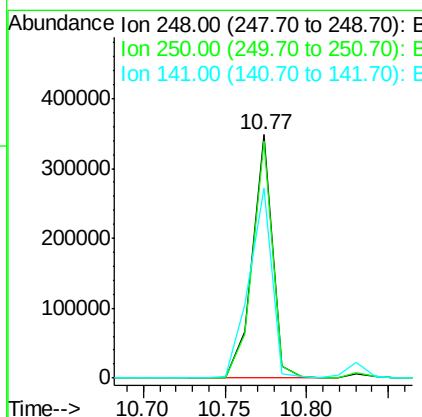
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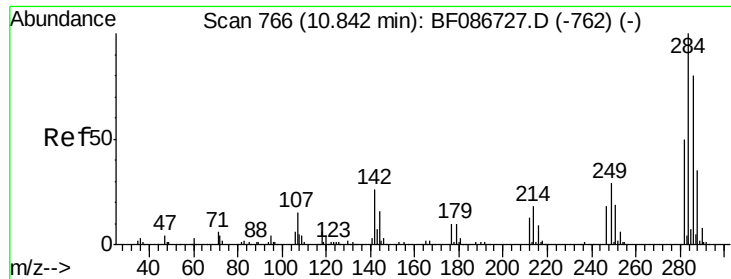
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#66
 4-Bromophenyl-phenylether
 Concen: 47.37 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	300635		
250	97.6	78.6	117.8	
141	77.7	76.0	114.0	





#67

Hexachlorobenzene

Concen: 39.15 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF086815.D

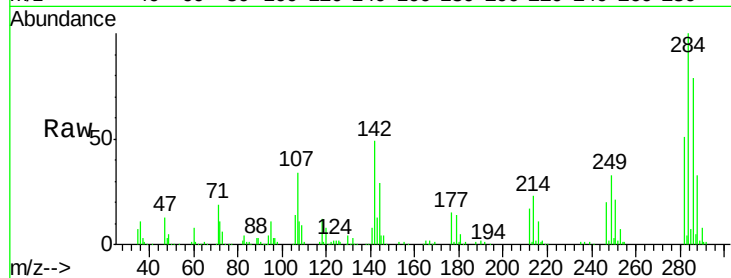
Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 284 Resp: 302958

Ion Ratio Lower Upper

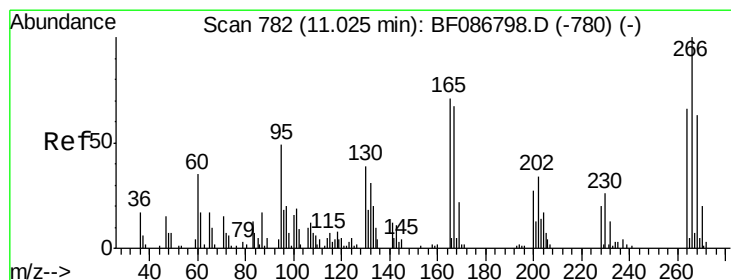
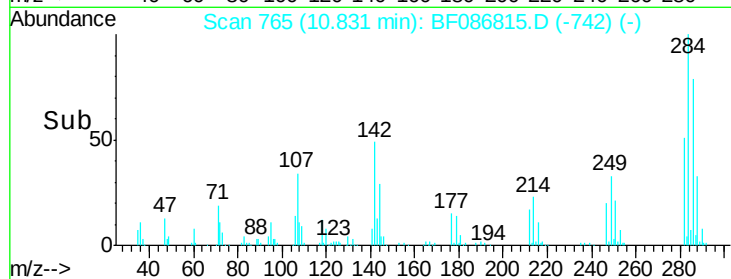
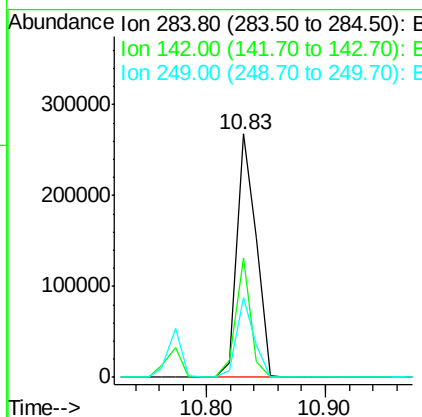
284 100

142 49.2 16.7 25.1#

249 32.8 21.3 31.9#

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5/9/2016 7:20:38 PM



#68

Atrazine

Concen: 46.27 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

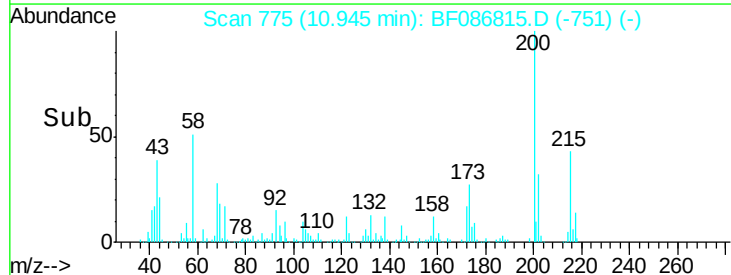
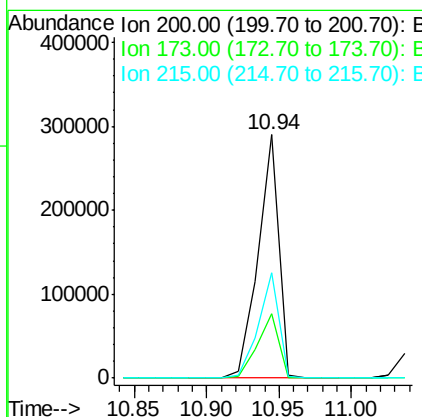
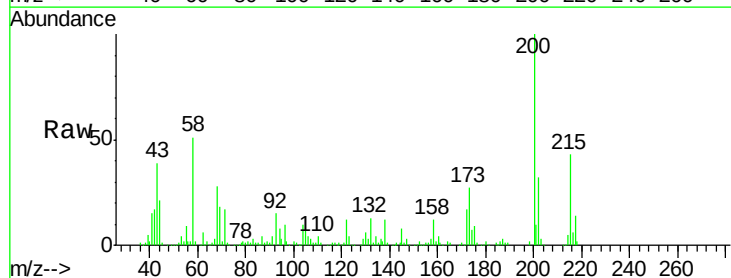
Tgt Ion: 200 Resp: 287538

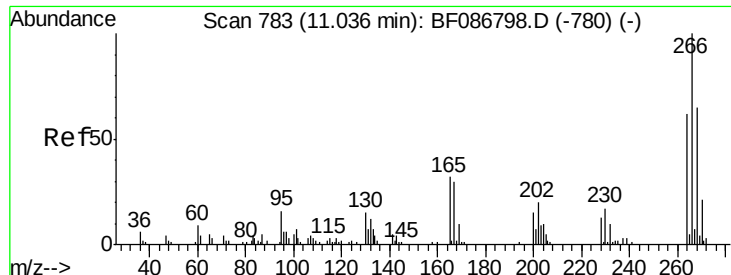
Ion Ratio Lower Upper

200 100

173 26.7 8.5 48.5

215 43.4 27.2 67.2





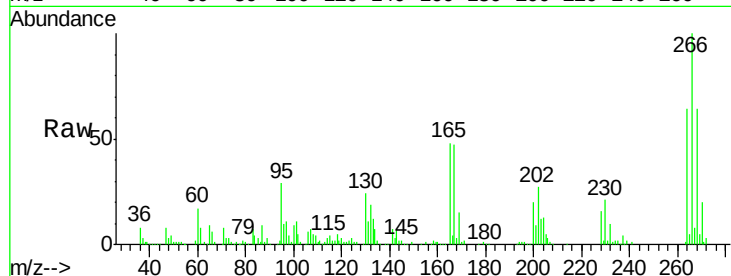
#69
 Pentachlorophenol
 Concen: 42.59 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

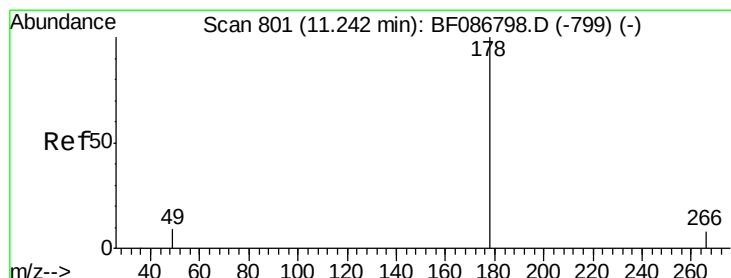
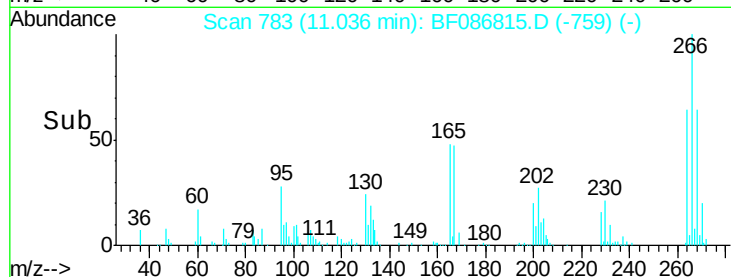
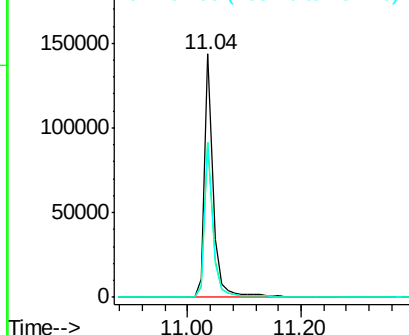
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	148938		
268	64.0	51.5	77.3	
264	63.9	52.9	79.3	

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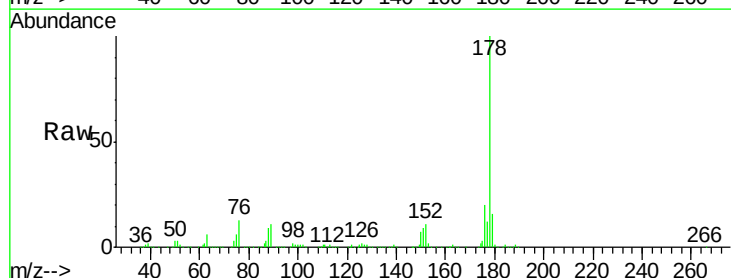


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

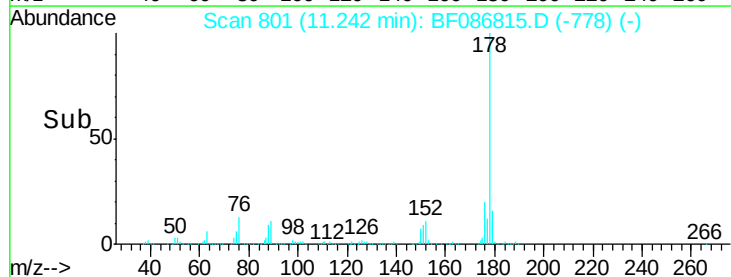
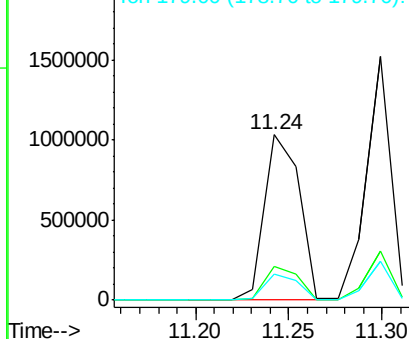


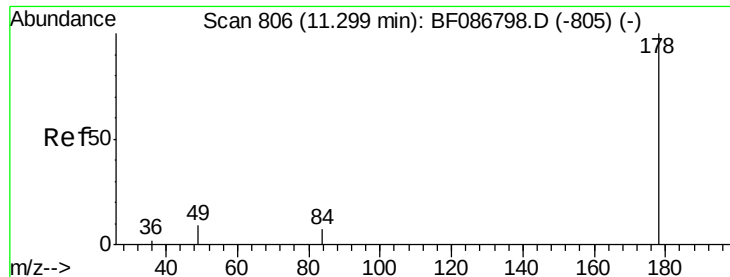
#70
 Phenanthrene
 Concen: 39.18 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1343879		
176	20.1	16.0	24.0	
179	16.1	12.6	18.8	



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





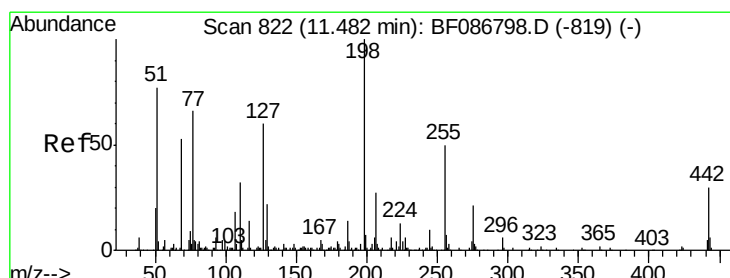
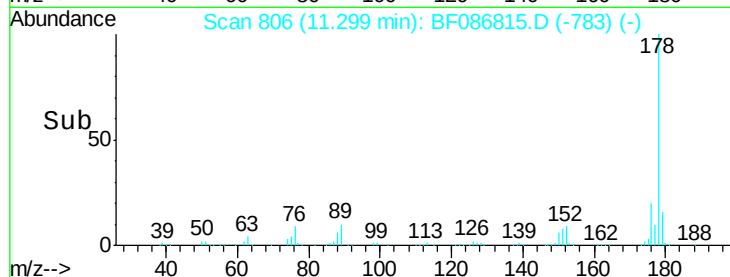
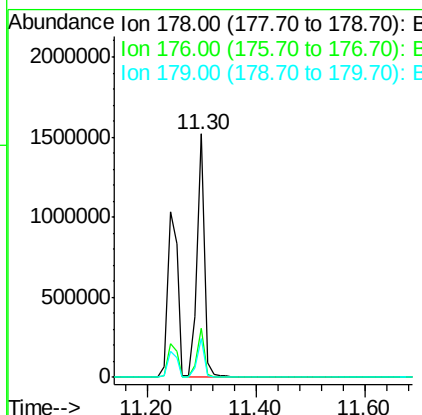
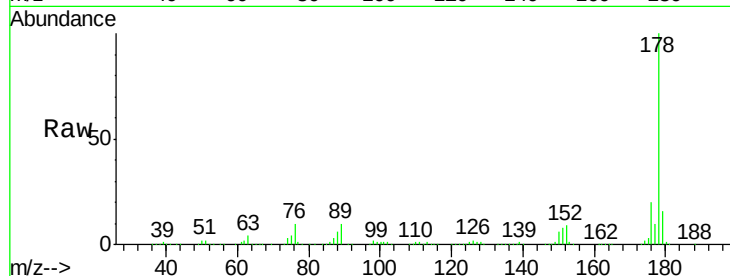
#71
 Anthracene
 Concen: 38.91 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1397672
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.6 23.4
 179 15.9 12.7 19.1

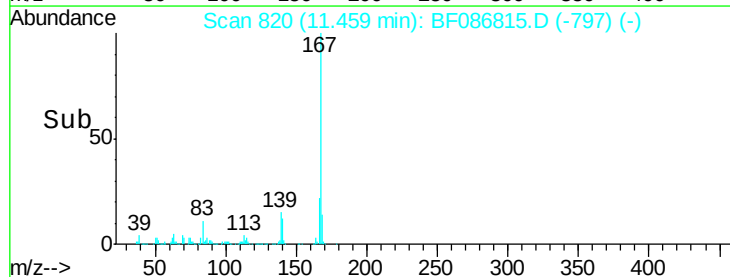
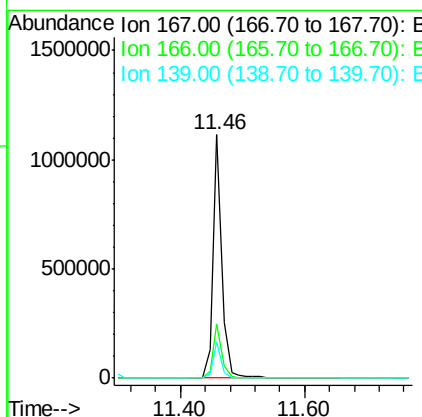
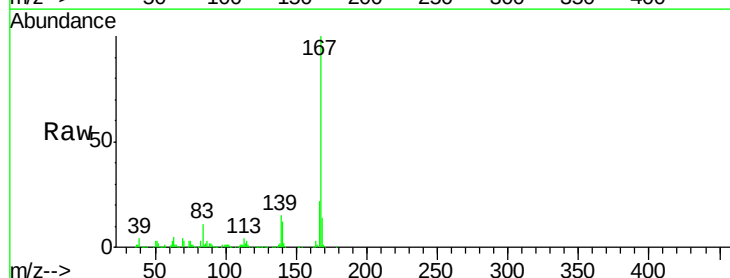
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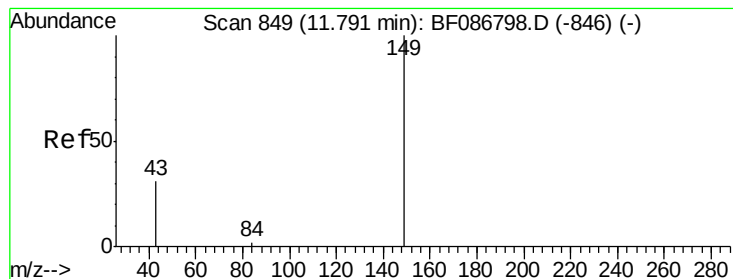
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#72
 Carbazole
 Concen: 35.18 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion:167 Resp: 1097509
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.89 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1514256

Ion Ratio Lower Upper

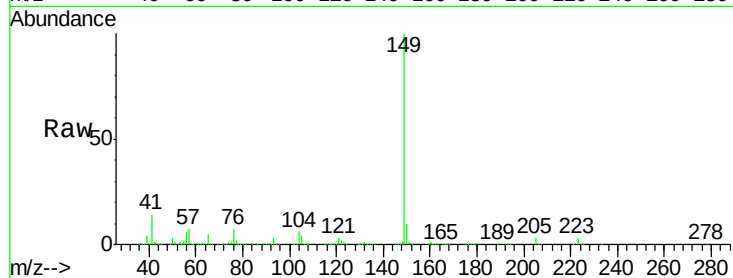
149 100

150 9.9 7.6 11.4

104 6.1 3.8 5.6#

Manual Integrations
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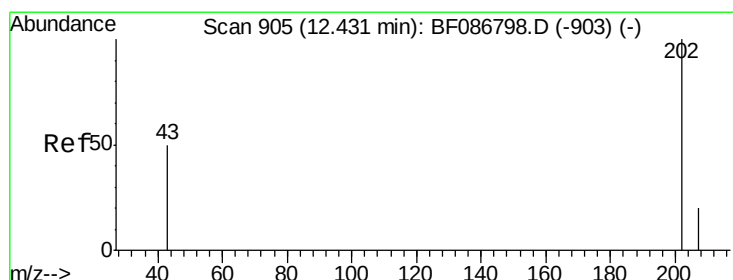
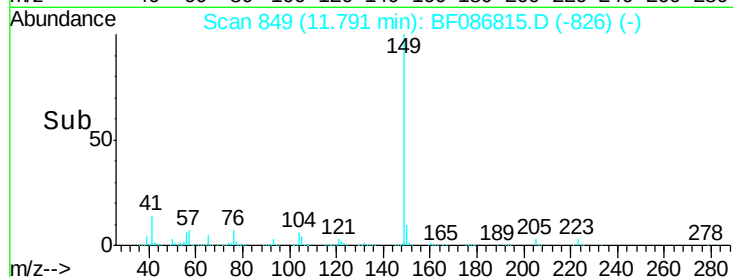
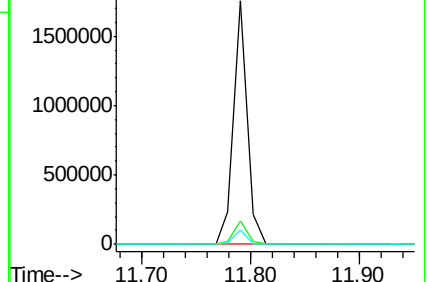
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.39 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

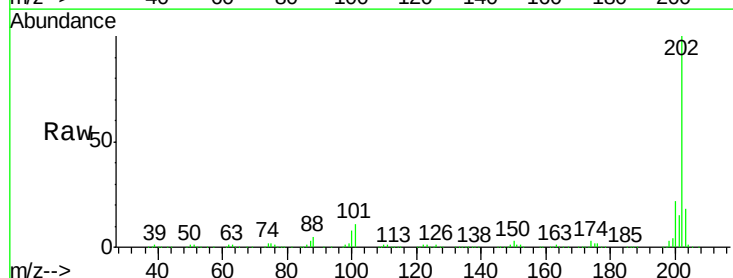
Tgt Ion:202 Resp: 1285469

Ion Ratio Lower Upper

202 100

101 11.1 0.0 35.4

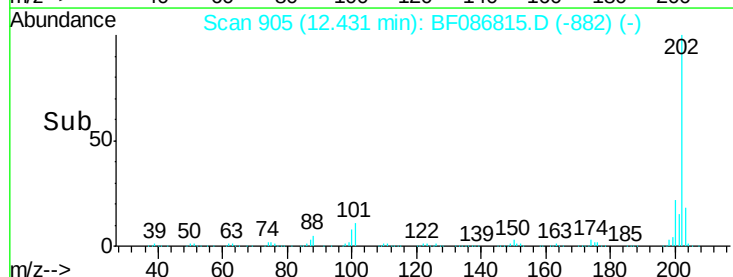
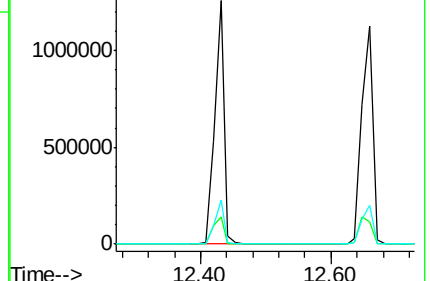
203 18.0 0.0 38.1

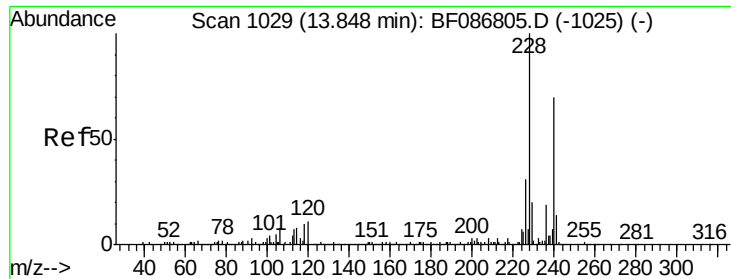


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

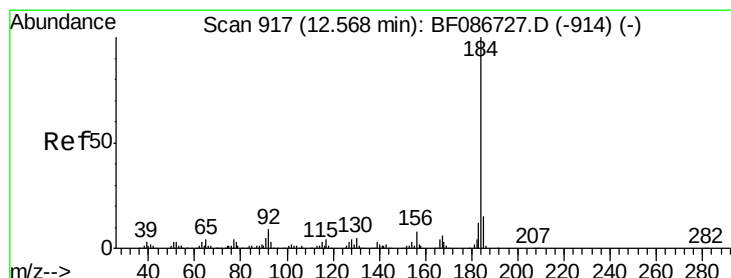
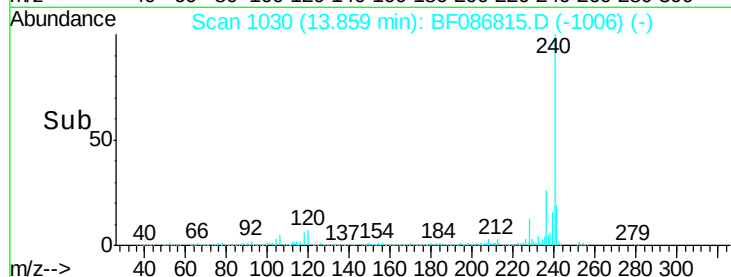
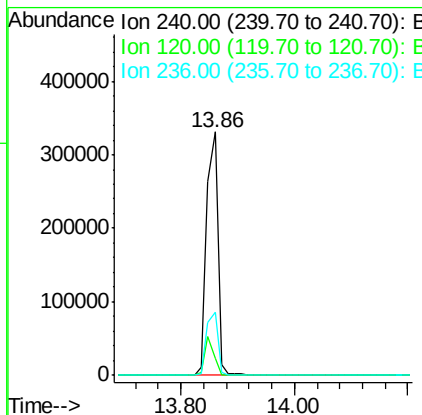
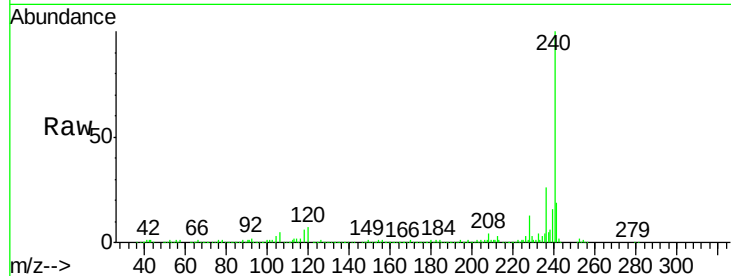
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	240	Resp:	434800
Ion Ratio	Lower	Upper	
240	100		
120	6.8	11.2	16.8#
236	25.9	21.2	31.8

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5/9/2016 7:20:38 PM



#76

Benzidine

Concen: 42.31 ng

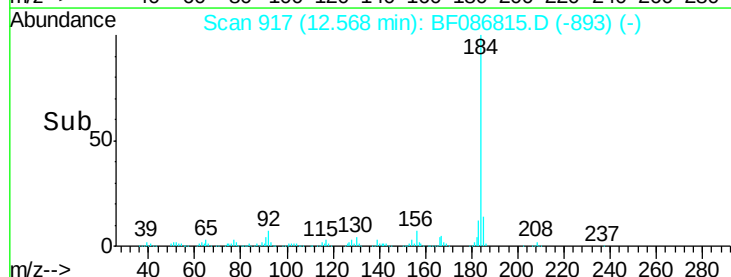
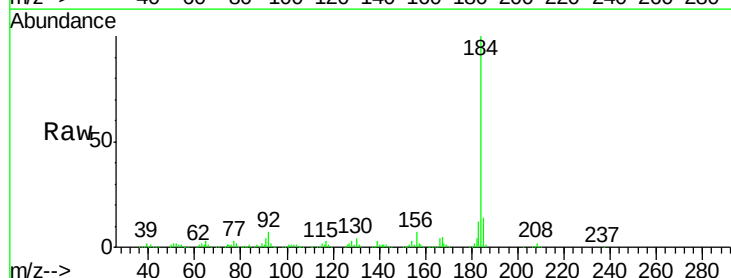
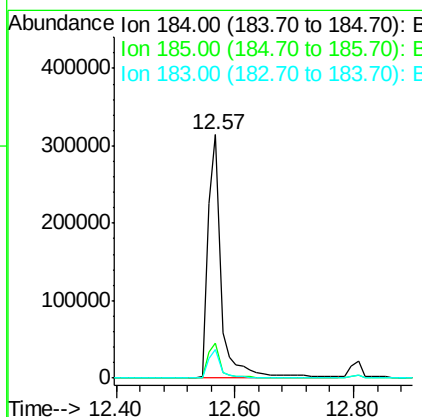
RT: 12.57 min Scan# 917

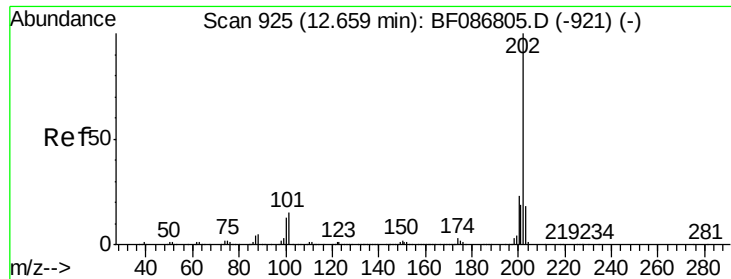
Delta R.T. -0.02 min

Lab File: BF086815.D

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Tgt Ion:	184	Resp:	492211
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.6	20.4
183	11.5	9.8	14.6





#77

Pyrene

Concen: 37.71 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

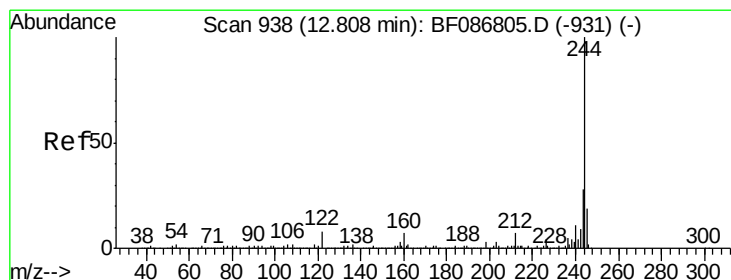
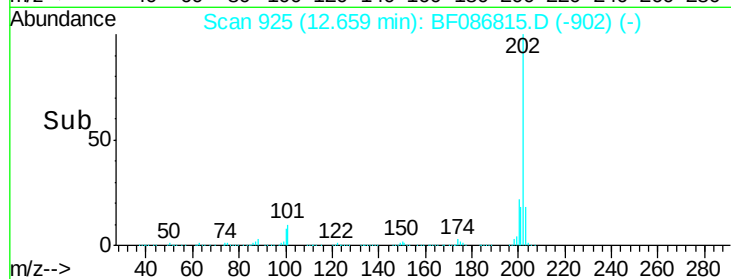
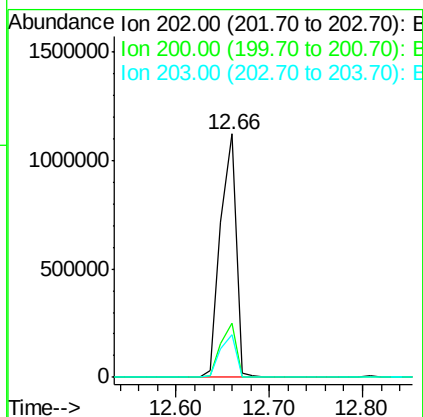
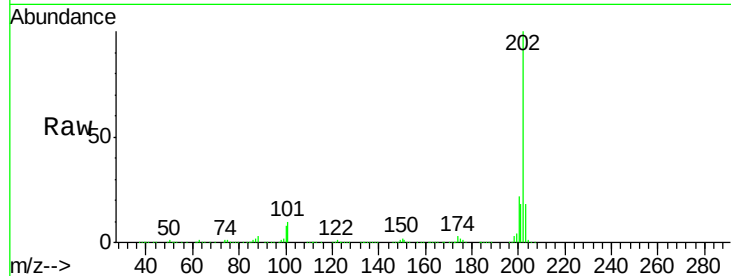
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	202	Resp:	1307162
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.8	14.2	21.4

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#78

Terphenyl-d14

Concen: 74.88 ng

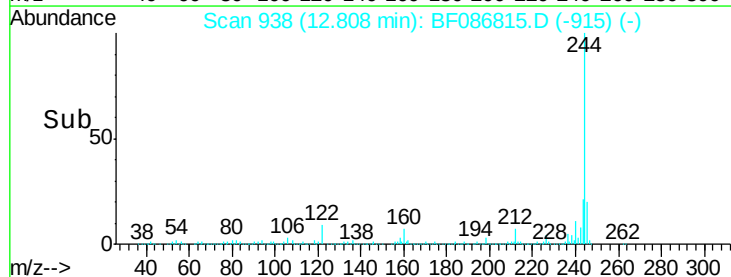
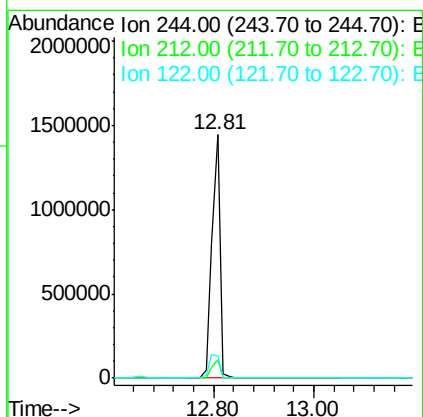
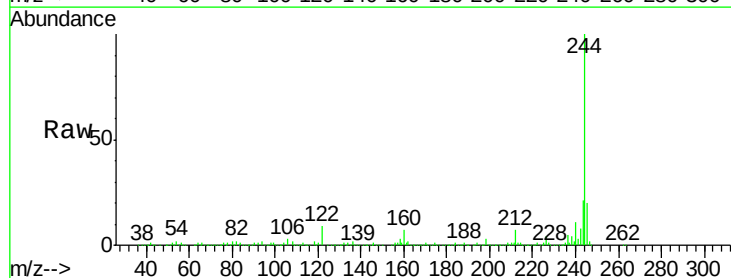
RT: 12.81 min Scan# 938

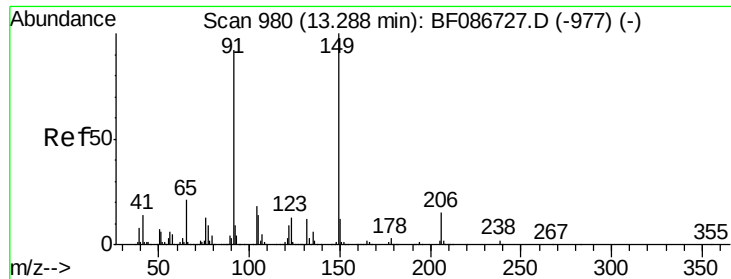
Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion:	244	Resp:	1610907
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.9	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 39.52 ng

RT: 13.28 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Instrument :

BNA_F

ClientSampleId :

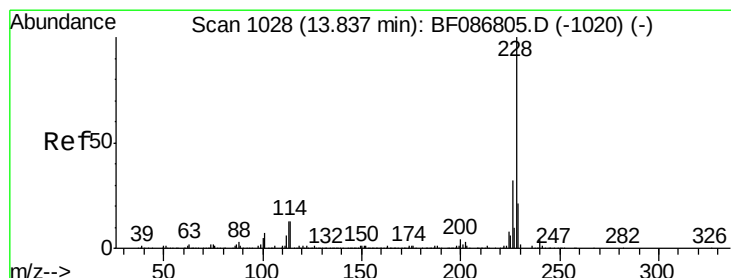
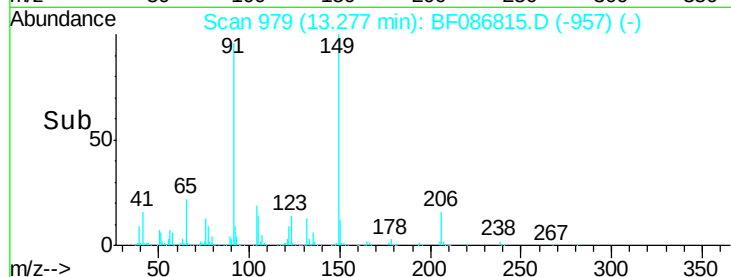
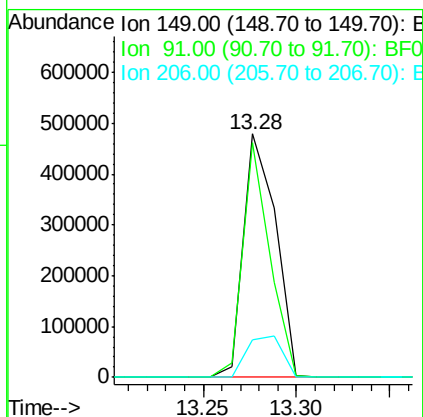
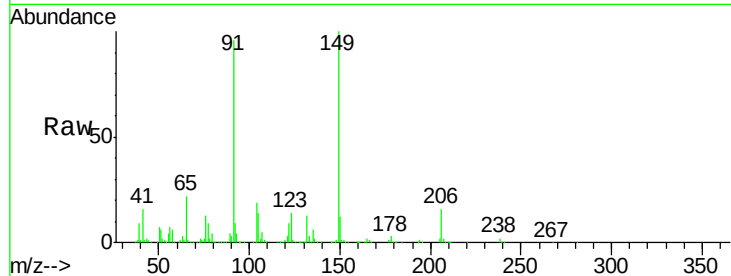
SSTDCCC040EC

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Tgt Ion:	149	Resp:	573843
Ion Ratio	Lower	Upper	
149	100		
91	96.5	48.0	72.0#
206	15.5	15.8	23.6#



#80

Benzo(a)anthracene

Concen: 40.20 ng

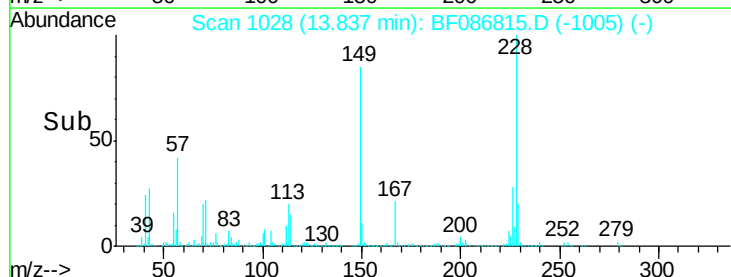
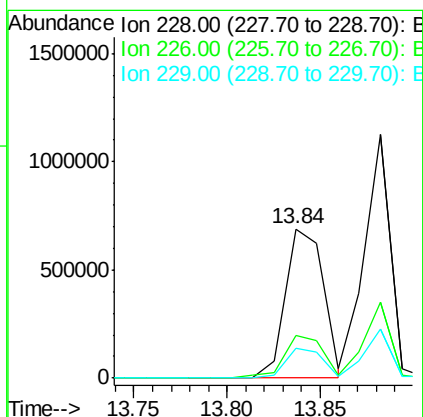
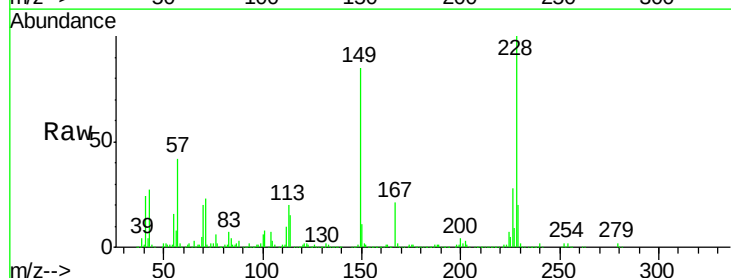
RT: 13.84 min Scan# 1028

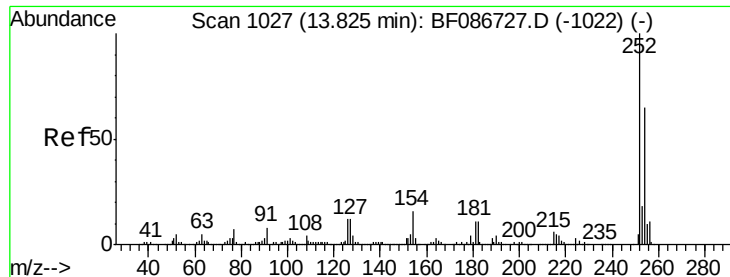
Delta R.T. -0.03 min

Lab File: BF086815.D

Acq: 8 May 2016 11:03

Tgt Ion:	228	Resp:	988531
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.5	33.7
229	20.4	16.6	25.0





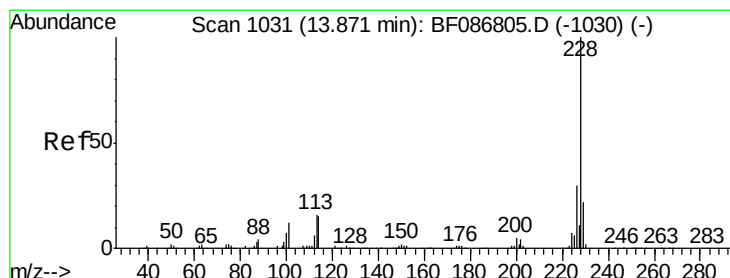
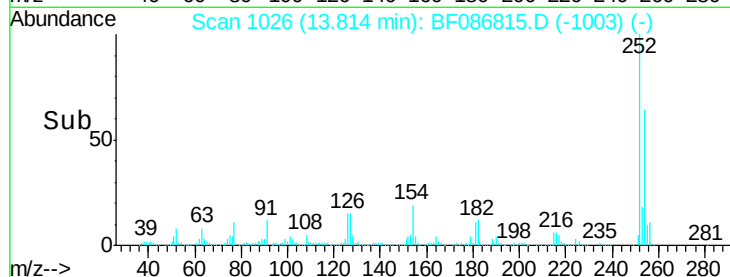
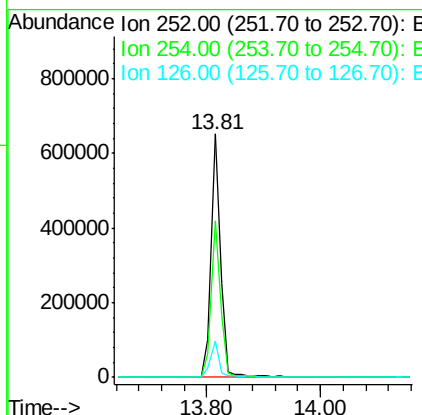
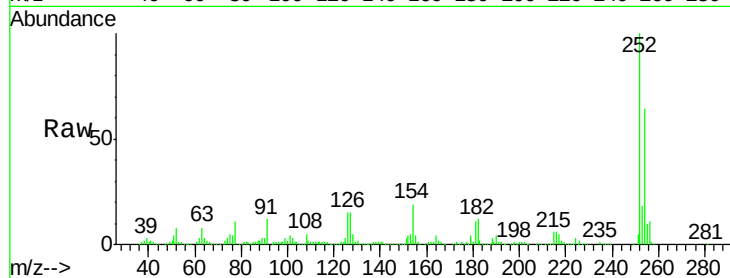
#81
 3,3'-Dichlorobenzidine
 Concen: 47.63 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	14.9	12.7	19.1

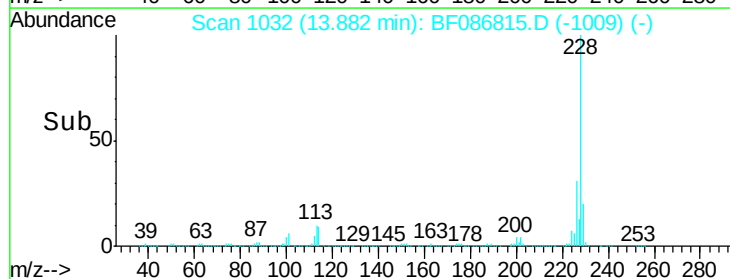
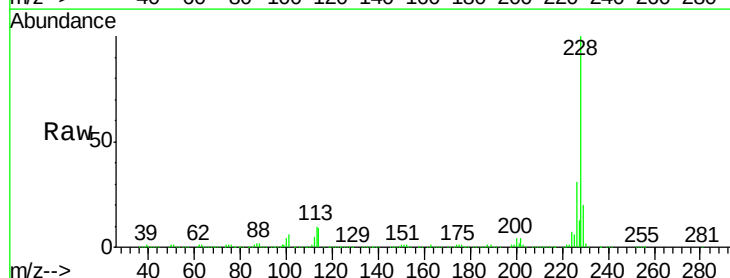
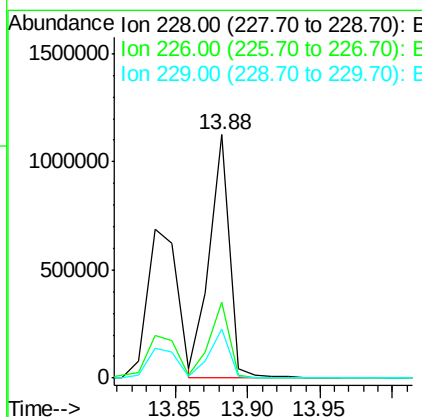
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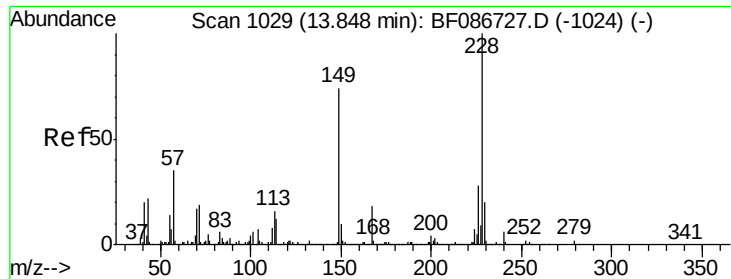
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#82
 Chrysene
 Concen: 41.26 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.0	15.8	23.8





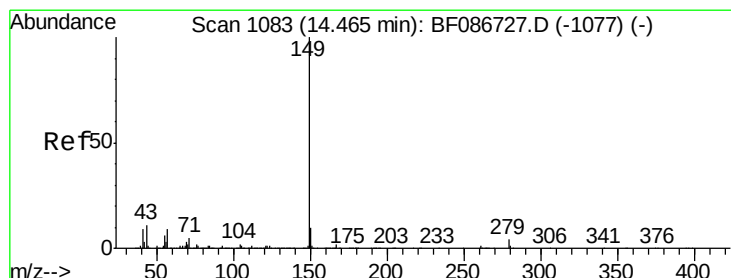
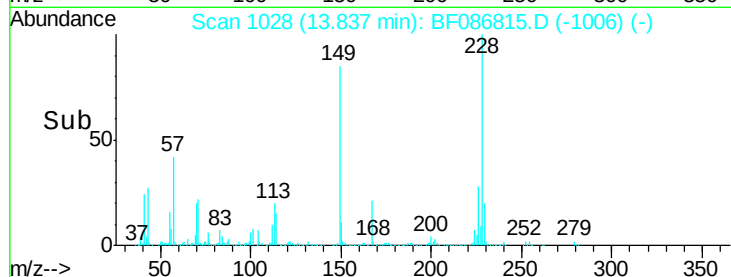
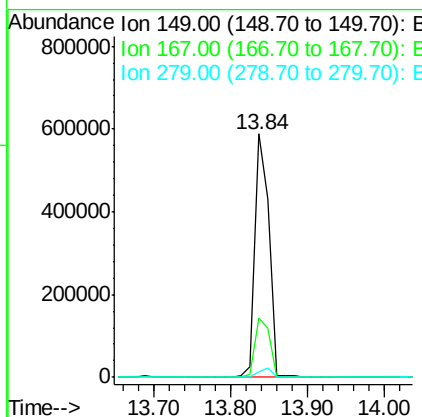
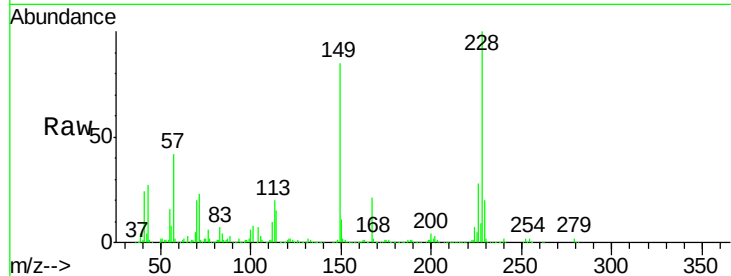
#83
Bis(2-ethylhexyl)phthalate
Concen: 43.51 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	731070		
167	24.3	21.8	32.6	
279	2.1	2.6	4.0	

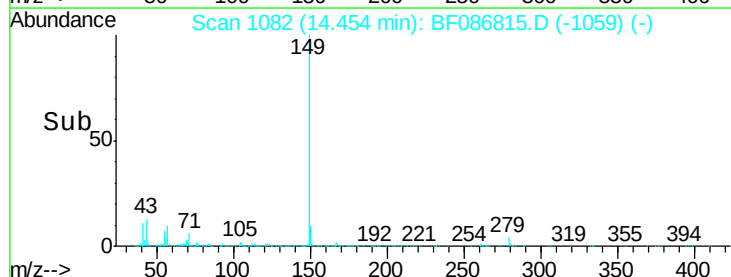
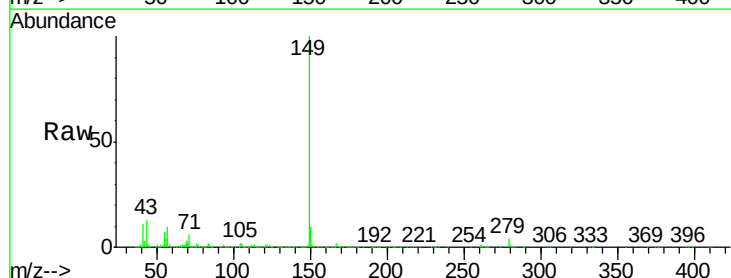
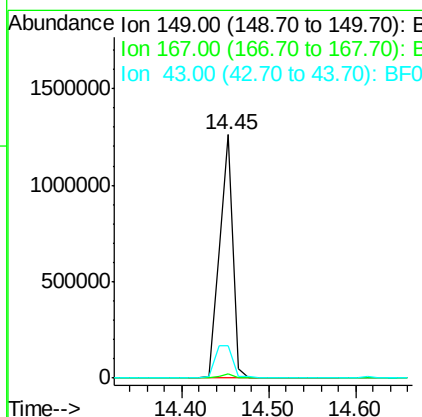
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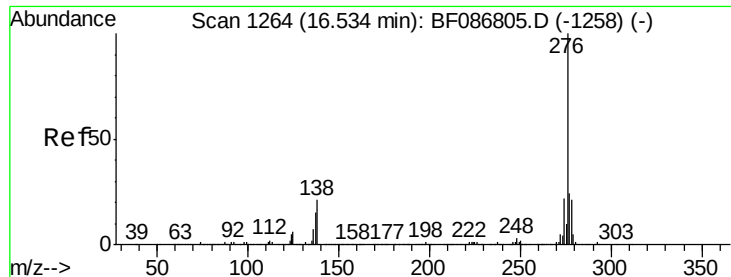
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#84
Di-n-octyl phthalate
Concen: 55.18 ng
RT: 14.45 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1364184		
167	1.7	1.2	1.8	
43	17.5	8.2	12.4	





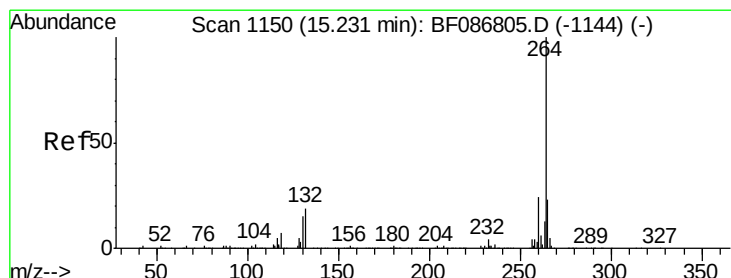
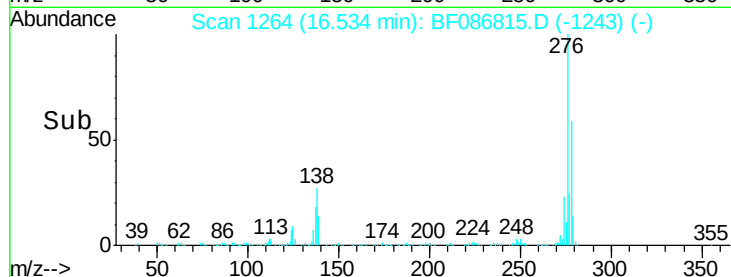
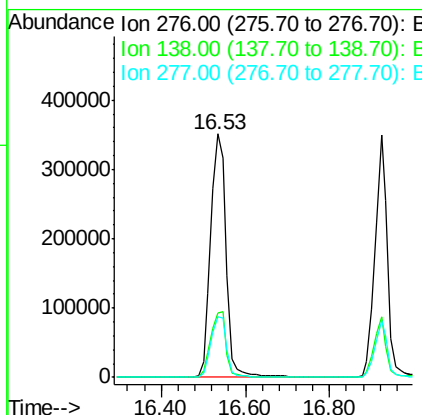
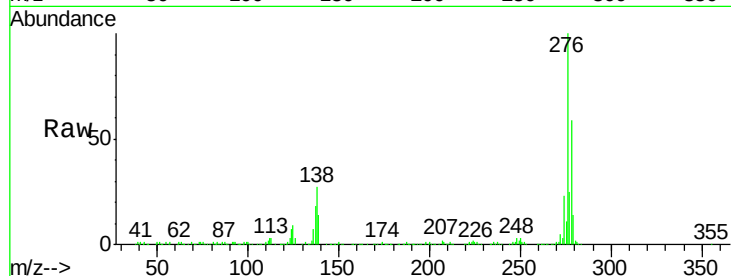
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.25 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.06 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	276	Resp:	906003
Ion Ratio	Lower	Upper	
276	100		
138	27.3	25.6	38.4
277	25.4	20.5	30.7

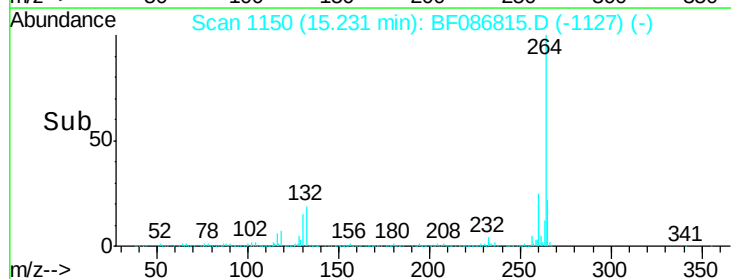
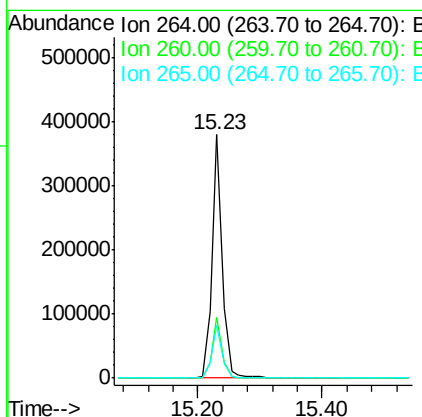
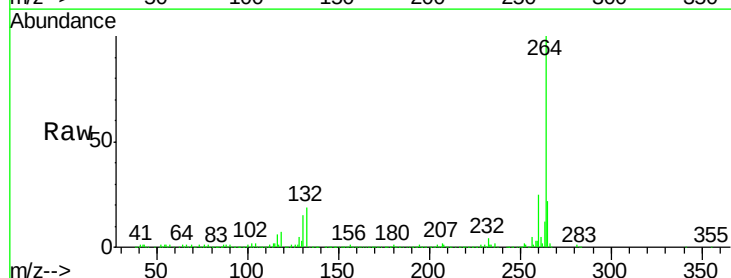
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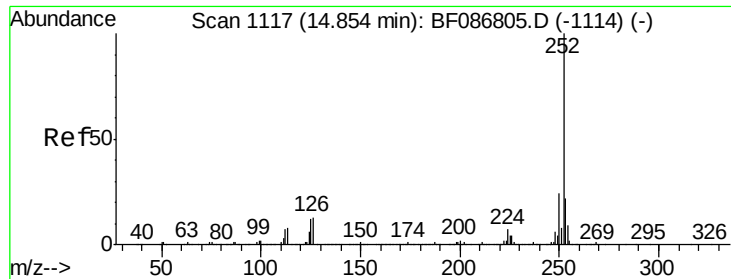
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Tgt Ion:	264	Resp:	429267
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.5	29.3
265	21.6	17.3	25.9





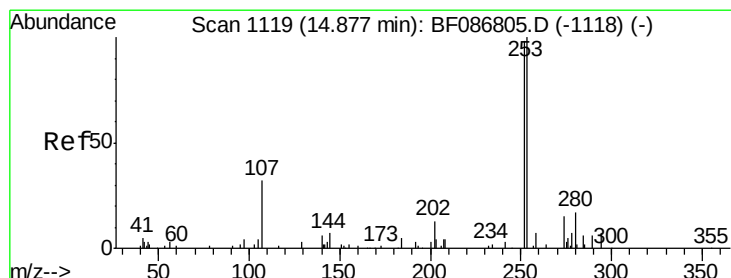
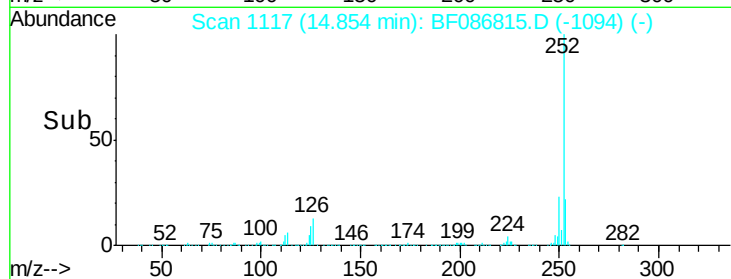
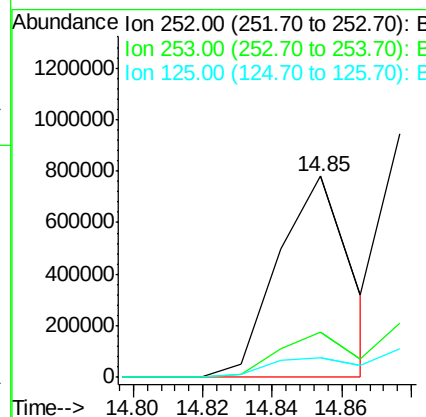
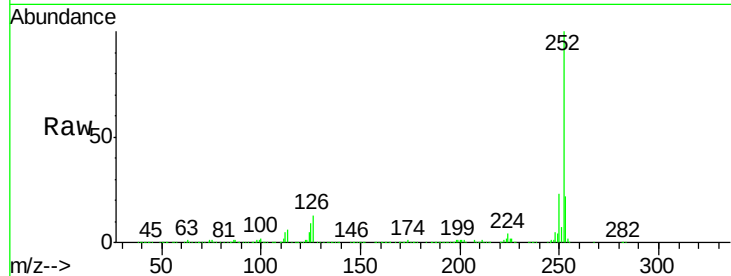
#87
Benzo(b)fluoranthene
Concen: 43.83 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.5	11.4	17.0

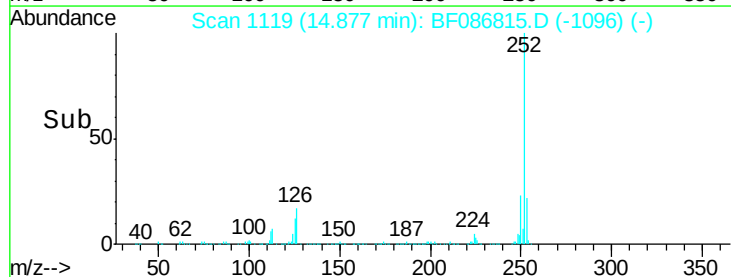
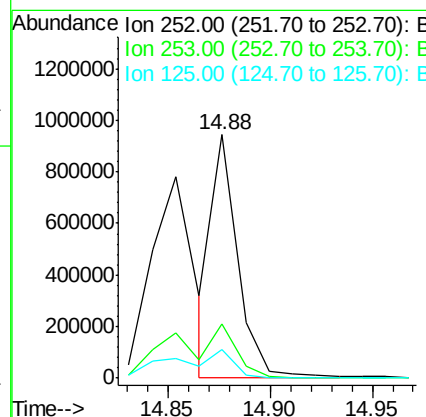
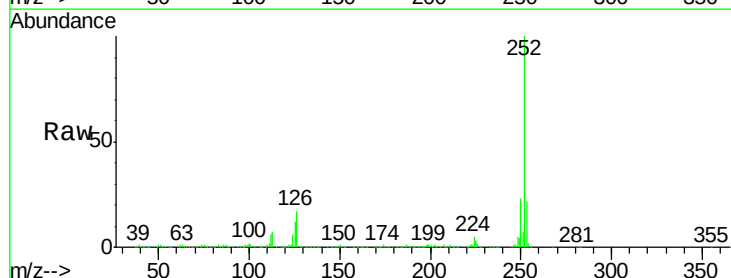
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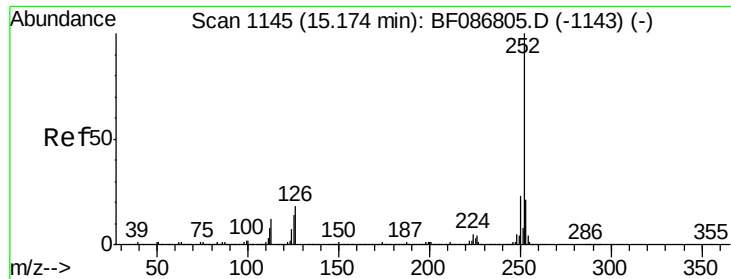
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#88
Benzo(k)fluoranthene
Concen: 34.36 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.03 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.8	9.1	13.7





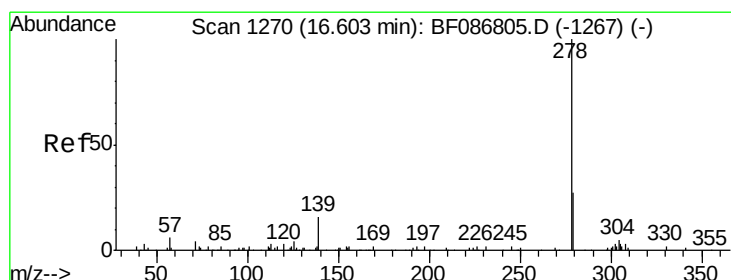
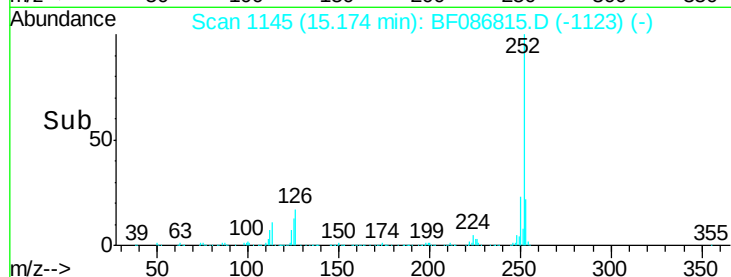
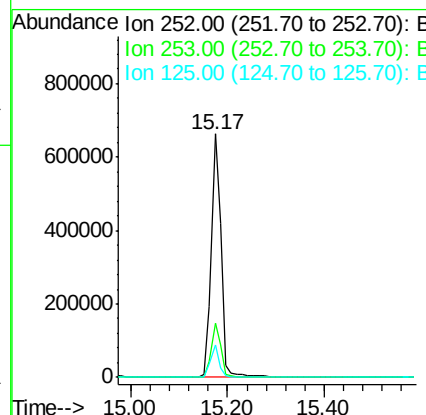
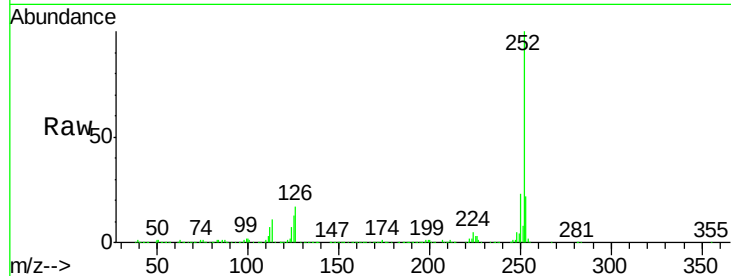
#89
Benzo(a)pyrene
Concen: 39.19 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.05 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	931049		
253	22.4	17.2	25.8	
125	13.1	9.0	13.6	

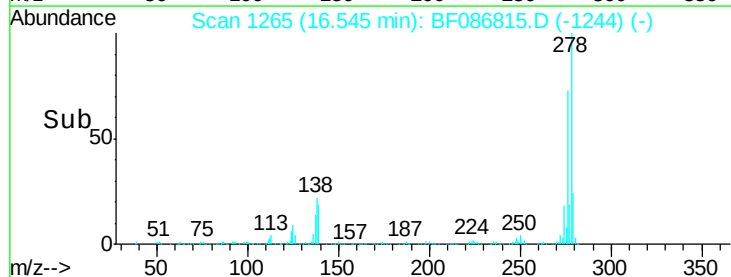
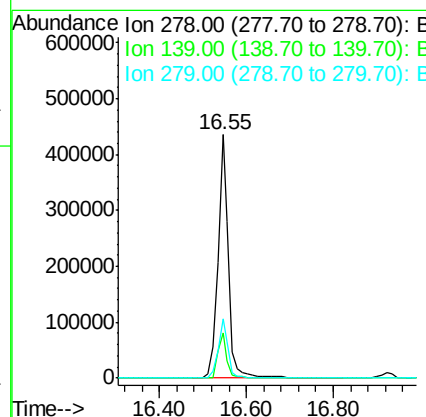
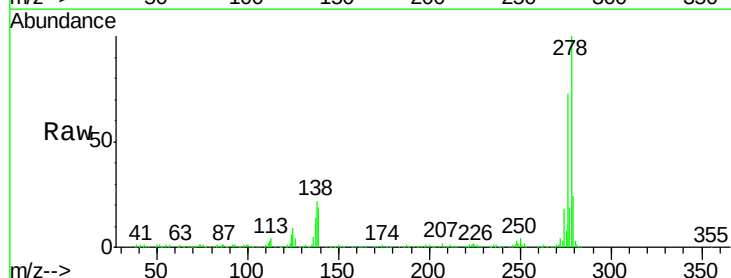
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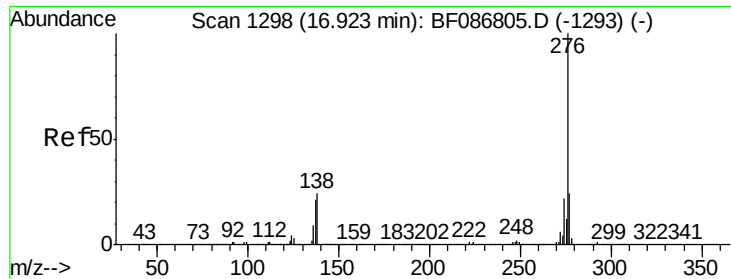
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#90
Dibenzo(a,h)anthracene
Concen: 33.11 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.06 min
Lab File: BF086815.D
Acq: 8 May 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	755655		
139	18.7	16.6	24.8	
279	24.1	19.6	29.4	





#91
 Benzo(g,h,i)perylene
 Concen: 30.18 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.07 min
 Lab File: BF086815.D
 Acq: 8 May 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt	Ion	276	Resp:	723274
Ion	Ratio	Lower	Upper	
276	100			
277	23.6	19.6	29.4	
138	24.8	23.6	35.4	

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