

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089074.D
 Acq On : 17 Jul 2016 13:11
 Operator : UM/SJ
 Sample : H4045-19MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Quant Time: Jul 18 03:36:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	60223	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	240456	20.00	ng	-0.06
38) Acenaphthene-d10	9.69	164	110064	20.00	ng	-0.06
63) Phenanthrene-d10	11.16	188	206844	20.00	ng	-0.06
75) Chrysene-d12	13.79	240	135766	20.00	ng	-0.06
86) Perylene-d12	15.15	264	114108	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	408839	101.74	ng	-0.03
7) Phenol-d6	6.32	99	542470	104.48	ng	-0.03
23) Nitrobenzene-d5	7.23	82	388256	84.62	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	112906	110.47	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	682746	97.98	ng	-0.05
78) Terphenyl-d14	12.75	244	485504	79.65	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	49826	25.01	ng	# 29
3) Pyridine	2.82	79	155768	26.94	ng	97
4) n-Nitrosodimethylamine	2.79	42	73671	33.36	ng	97
6) Aniline	6.32	93	200294	26.47	ng	# 57
8) 2-Chlorophenol	6.44	128	157211	36.40	ng	97
9) Benzaldehyde	6.19	77	58027	16.50	ng	83
10) Phenol	6.33	94	202559	34.18	ng	# 69
11) bis(2-Chloroethyl)ether	6.40	93	159762	36.15	ng	92
12) 1,3-Dichlorobenzene	6.59	146	161489m	33.98	ng	
13) 1,4-Dichlorobenzene	6.67	146	162918	34.54	ng	95
14) 1,2-Dichlorobenzene	6.83	146	171511	38.85	ng	96
15) Benzyl Alcohol	6.81	79	144441	37.80	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.95	45	179388	28.03	ng	75
17) 2-Methylphenol	6.94	107	136075	38.62	ng	# 92
18) Hexachloroethane	7.16	117	63589	34.85	ng	# 79
19) n-Nitroso-di-n-propylamine	7.08	70	117540	33.70	ng	94
20) 3+4-Methylphenols	7.10	107	188518	44.58	ng	# 75
22) Acetophenone	7.07	105	248608	42.60	ng	# 93
24) Nitrobenzene	7.24	77	165465	35.77	ng	# 80
25) Isophorone	7.50	82	341171	40.14	ng	99
26) 2-Nitrophenol	7.56	139	89348	47.10	ng	96
27) 2,4-Dimethylphenol	7.62	122	156212	39.53	ng	91
28) bis(2-Chloroethoxy)methane	7.70	93	205045	37.07	ng	# 94
29) 2,4-Dichlorophenol	7.82	162	144640	45.29	ng	96
30) 1,2,4-Trichlorobenzene	7.88	180	137117	39.13	ng	98
31) Naphthalene	7.96	128	442908	37.36	ng	100
32) Benzoic acid	7.70	122	6723	2.34	ng	96
33) 4-Chloroaniline	8.02	127	170253	32.28	ng	98
34) Hexachlorobutadiene	8.09	225	80632	42.97	ng	98
35) Caprolactam	8.40	113	45322m	41.79	ng	
36) 4-Chloro-3-methylphenol	8.52	107	165690	43.88	ng	97
37) 2-Methylnaphthalene	8.66	142	328839	43.08	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	126284	34.50	ng	# 1
40) Hexachlorocyclopentadiene	8.81	237	78797	43.85	ng	98

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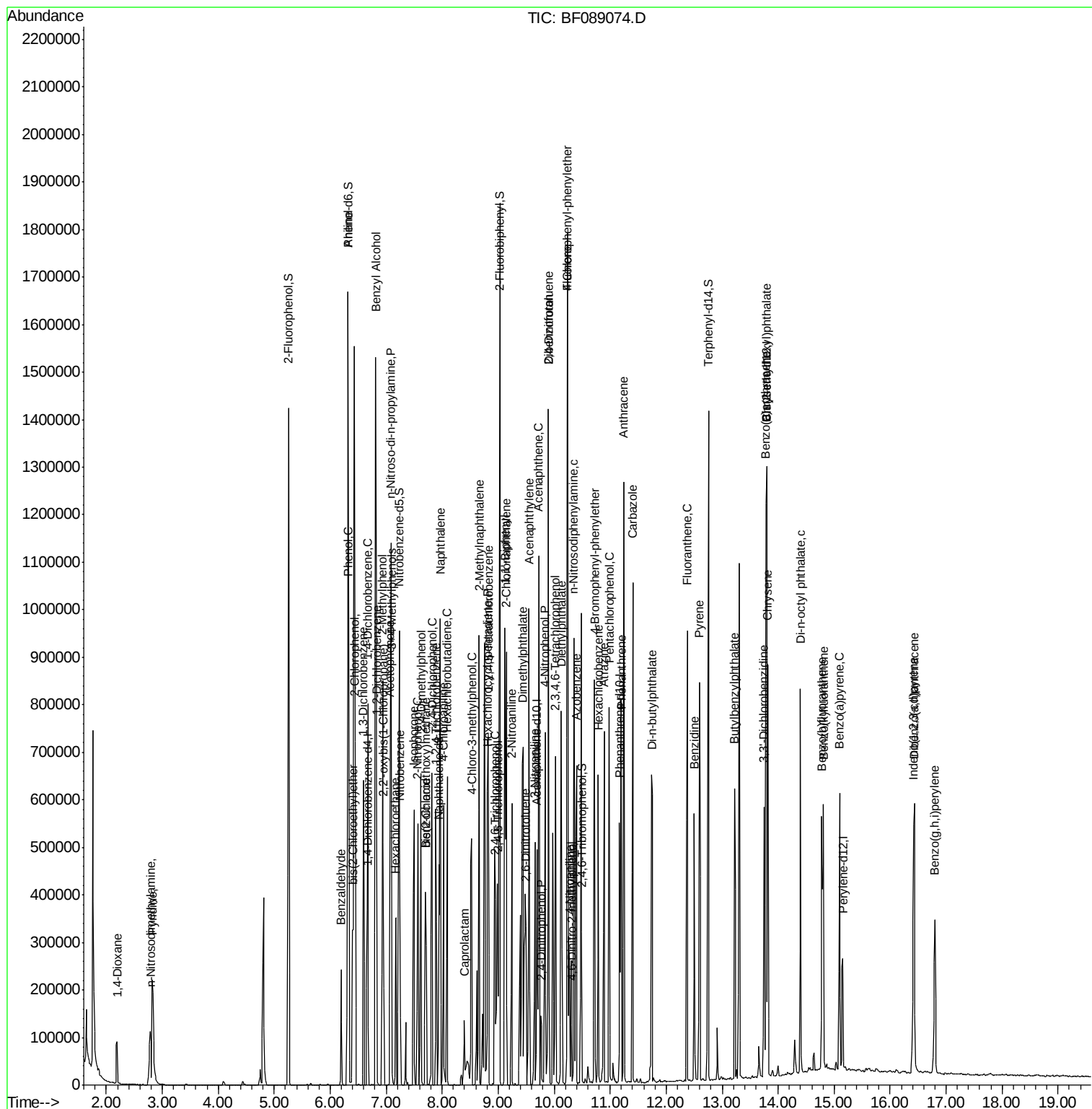
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	91198	37.78	nq	100
43) 2,4,5-Trichlorophenol	8.99	196	97304	46.86	nq	97
45) 1,1'-Biphenyl	9.12	154	337102	36.99	nq	99
46) 2-Chloronaphthalene	9.14	162	265744	37.14	nq	96
47) 2-Nitroaniline	9.24	65	105234	41.44	nq	97
48) Acenaphthylene	9.55	152	412945	36.27	nq	100
49) Dimethylphthalate	9.44	163	503983	64.27	nq	98
50) 2,6-Dinitrotoluene	9.50	165	81013	46.62	nq	96
51) Acenaphthene	9.72	154	255938	36.68	nq	98
52) 3-Nitroaniline	9.66	138	75319	34.09	nq	95
53) 2,4-Dinitrophenol	9.77	184	27982	36.47	nq	# 79
54) Dibenzofuran	9.90	168	367184	40.20	nq	# 87
55) 4-Nitrophenol	9.84	139	101981	60.74	nq	92
56) 2,4-Dinitrotoluene	9.90	165	111560	49.10	nq	# 58
57) Fluorene	10.24	166	303583	43.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	70682	43.99	nq	# 47
59) Diethylphthalate	10.12	149	333317	42.36	nq	97
60) 4-Chlorophenyl-phenylether	10.24	204	153549	46.95	nq	91
61) 4-Nitroaniline	10.27	138	85148	40.05	nq	93
62) Azobenzene	10.40	77	387688	43.19	nq	92
64) 4,6-Dinitro-2-methylphenol	10.31	198	38360	34.67	nq	# 53
65) n-Nitrosodiphenylamine	10.35	169	262829	37.54	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	77458	37.16	nq	# 75
67) Hexachlorobenzene	10.79	284	85071	36.87	nq	# 91
68) Atrazine	10.89	200	93660	42.94	nq	93
69) Pentachlorophenol	10.98	266	71486	52.35	nq	98
70) Phenanthrene	11.20	178	454862	40.23	nq	97
71) Anthracene	11.24	178	452811	40.28	nq	99
72) Carbazole	11.40	167	456664	43.16	nq	99
73) Di-n-butylphthalate	11.75	149	520810	42.31	nq	# 97
74) Fluoranthene	12.38	202	460452	40.17	nq	94
76) Benzidine	12.50	184	221184	32.23	nq	97
77) Pyrene	12.59	202	407359	35.39	nq	99
79) Butylbenzylphthalate	13.22	149	185522	36.13	nq	# 70
80) Benzo(a)anthracene	13.78	228	322123	36.85	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	91537	27.85	nq	# 96
82) Chrysene	13.82	228	247277	28.59	nq	97
83) Bis(2-ethylhexyl)phthalate	13.79	149	256999	43.84	nq	# 99
84) Di-n-octyl phthalate	14.40	149	403260	40.49	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.42	276	280028	42.08	nq	# 100
87) Benzo(b)fluoranthene	14.78	252	357139m	49.89	nq	
88) Benzo(k)fluoranthene	14.81	252	176437m	28.31	nq	
89) Benzo(a)pyrene	15.10	252	243304	40.15	nq	99
90) Dibenzo(a,h)anthracene	16.43	278	226788	44.81	nq	98
91) Benzo(g,h,i)perylene	16.80	276	230342	43.98	nq	99

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

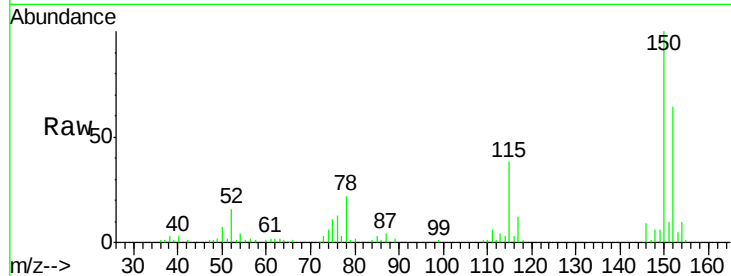
Tot Ion:152 Resp: 60223

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

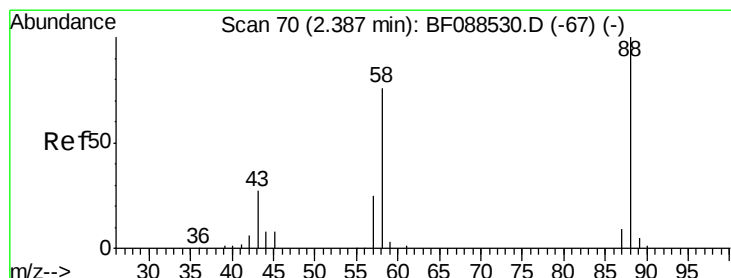
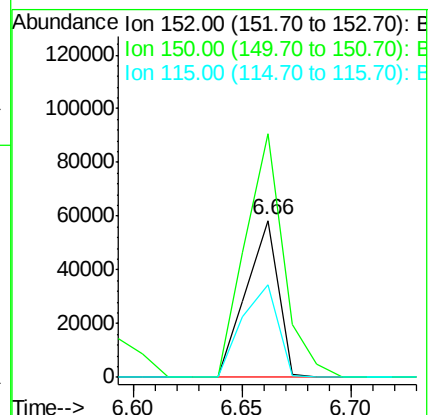
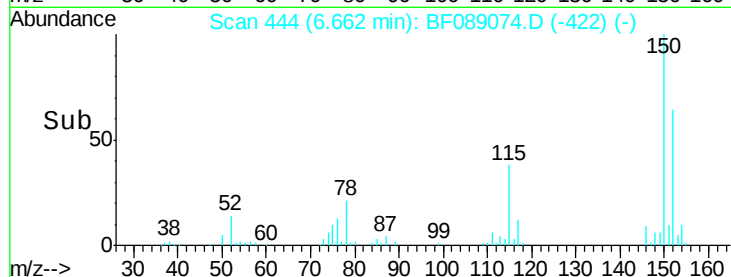
115 58.7 39.6 59.4



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: 25.01 ng

RT: 2.19 min Scan# 53

Delta R.T. -0.02 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

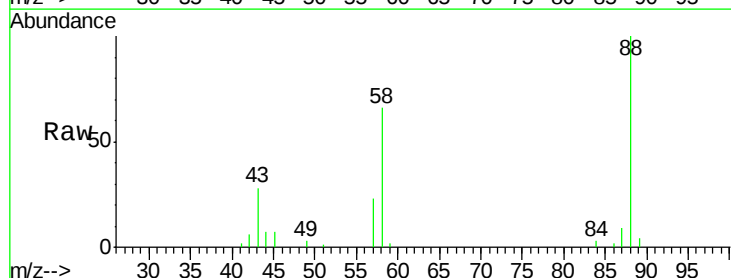
Tgt Ion: 88 Resp: 49826

Ion Ratio Lower Upper

88 100

58 69.9 0.0 0.0#

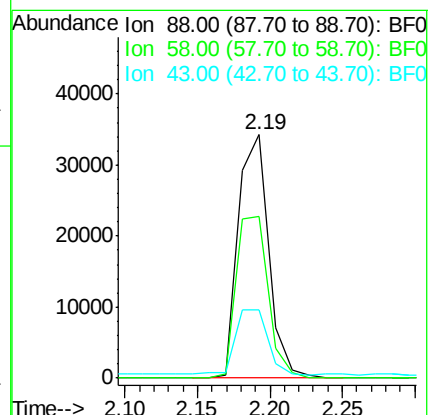
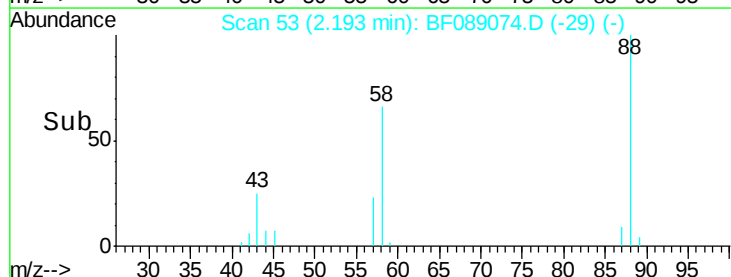
43 27.8 3.4 5.2#



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

Pvridine

Concen: 26.94 ng

RT: 2.82 min Scan# 108

Delta R.T. -0.06 min

Lab File: BF089074.D

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ClientSampleId :

M9-B3(0-12)CMS

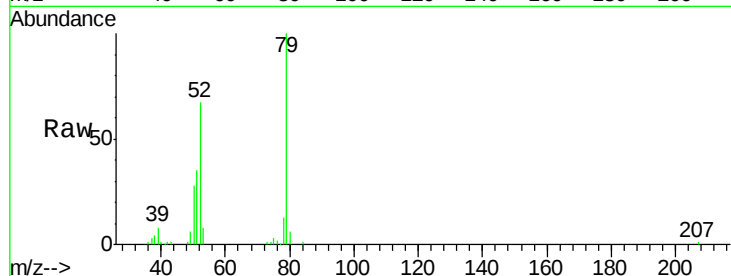
Tot Ion: 79 Resp: 155768

Ion Ratio Lower Upper

79 100

52 67.2 56.3 84.5

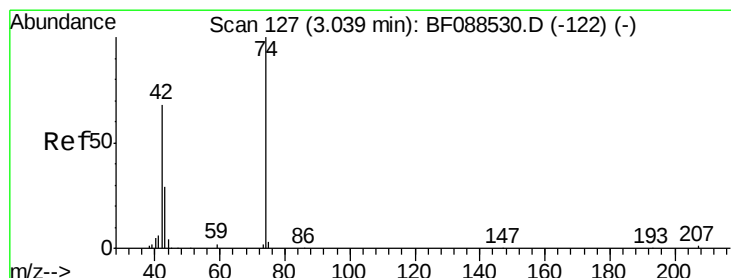
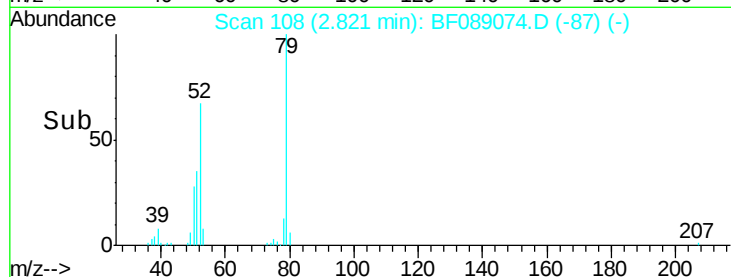
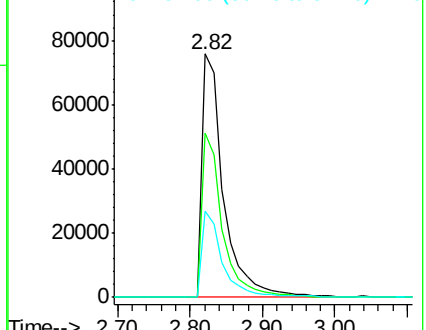
51 35.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.36 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

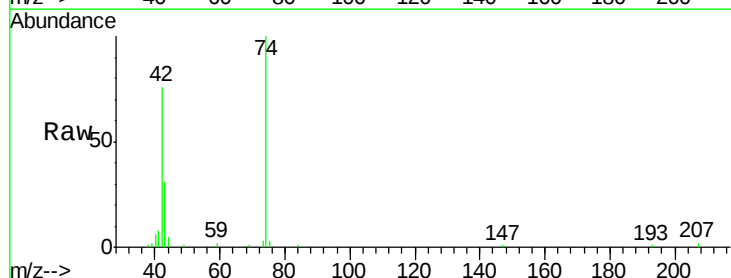
Tgt Ion: 42 Resp: 73671

Ion Ratio Lower Upper

42 100

74 131.5 108.6 163.0

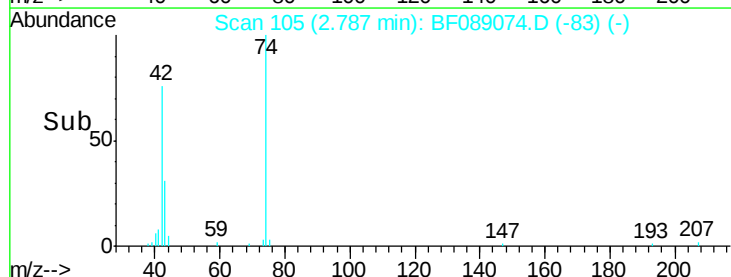
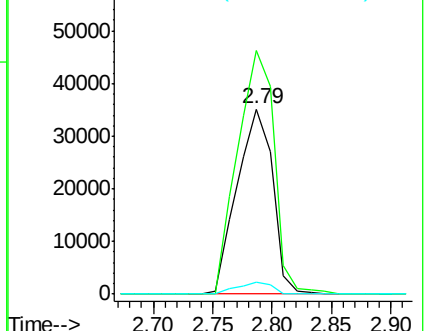
44 6.3 5.5 8.3

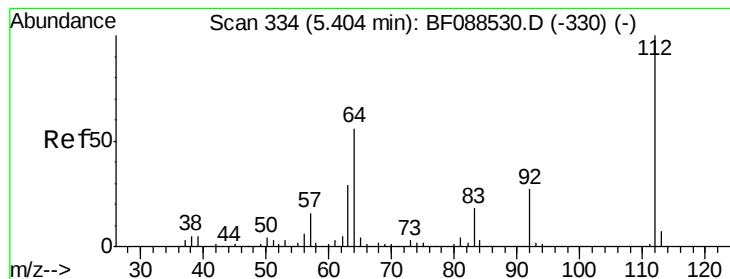


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 101.74 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.03 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

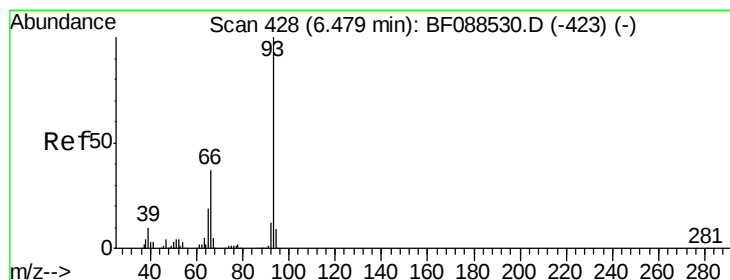
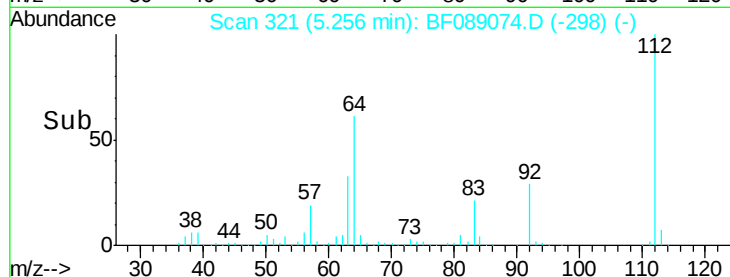
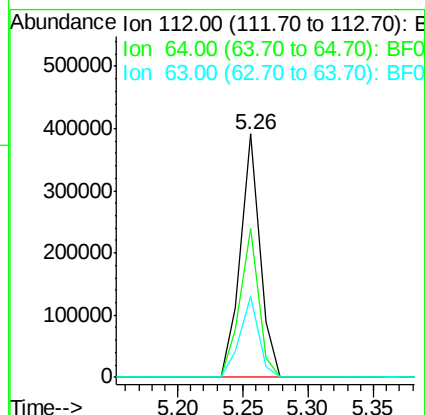
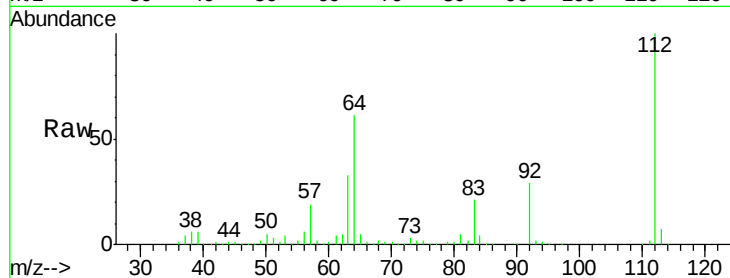
Instrument :

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Tot Ion:	112	Resp:	408839
Ion	Ratio	Lower	Upper
112	100		
64	61.1	42.2	63.2
63	33.2	21.8	32.8#



#6

Aniline

Concen: 26.47 ng

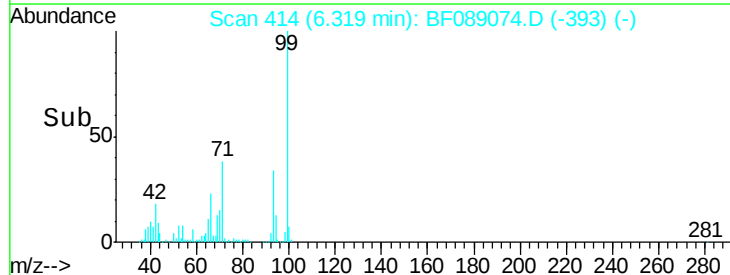
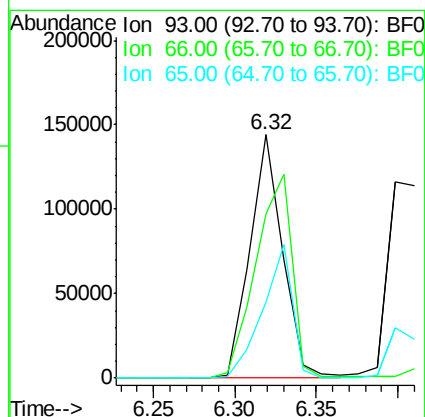
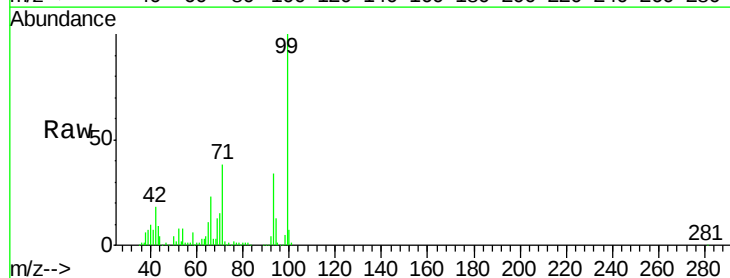
RT: 6.32 min Scan# 414

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Tgt Ion:	93	Resp:	200294
Ion	Ratio	Lower	Upper
93	100		
66	67.6	29.8	44.8#
65	31.3	14.9	22.3#





#7

Phenol-d6

Concen: 104.48 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

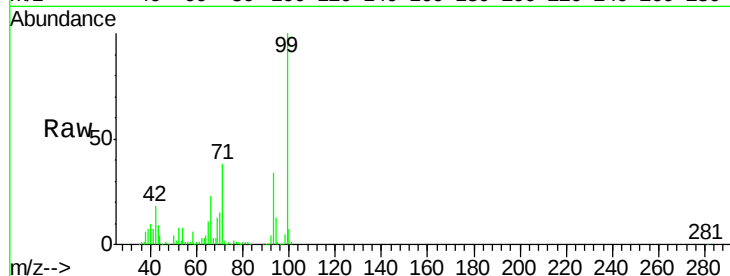
Tot Ion: 99 Resp: 542470

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

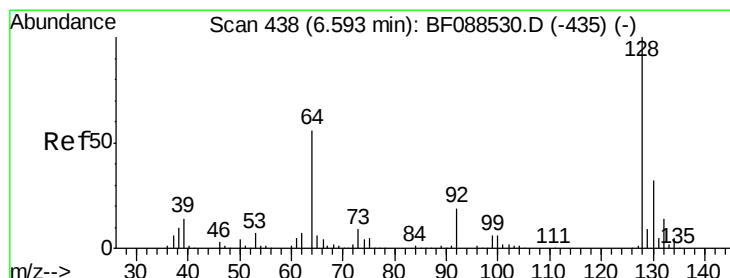
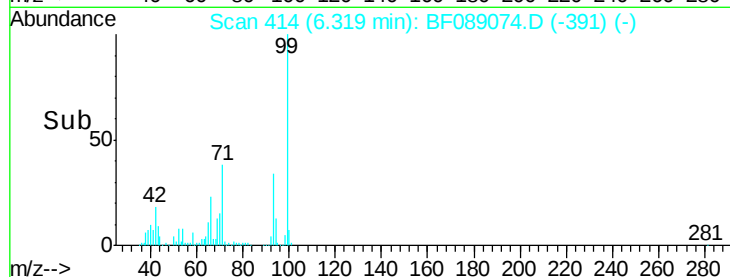
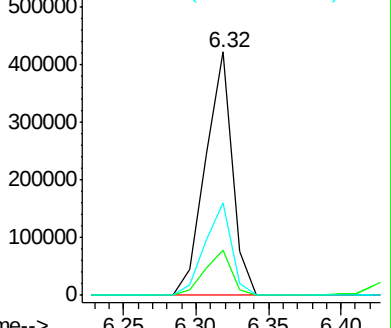
71 38.2 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.40 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

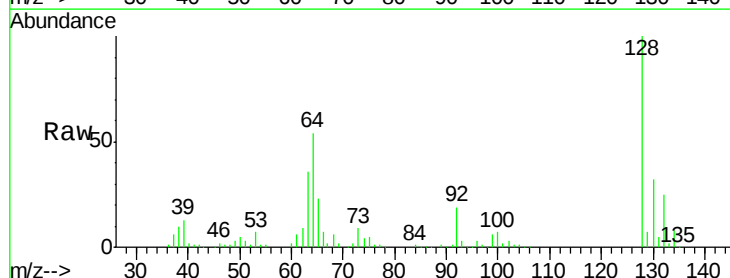
Tgt Ion:128 Resp: 157211

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

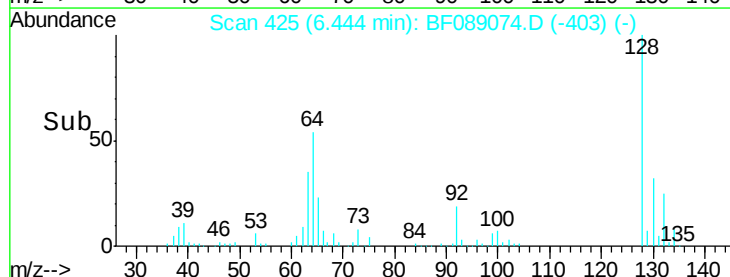
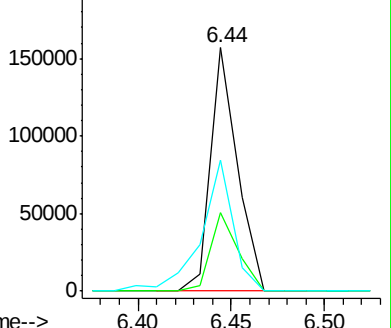
64 53.9 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.50 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.06 min

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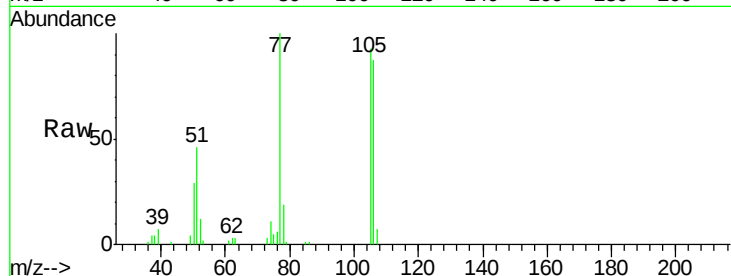
Tot Ion: 77 Resp: 58027

Ion Ratio Lower Upper

77 100

105 93.2 90.6 130.6

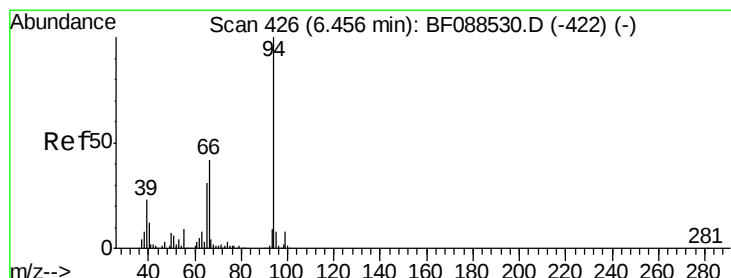
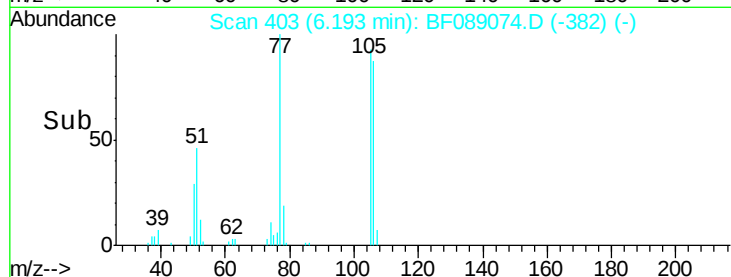
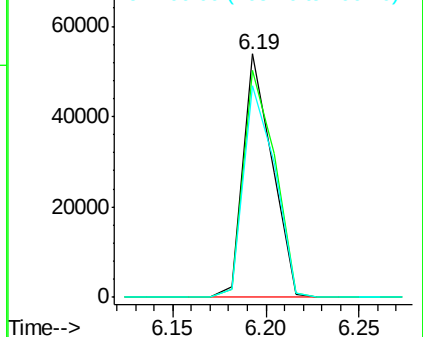
106 86.7 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.18 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

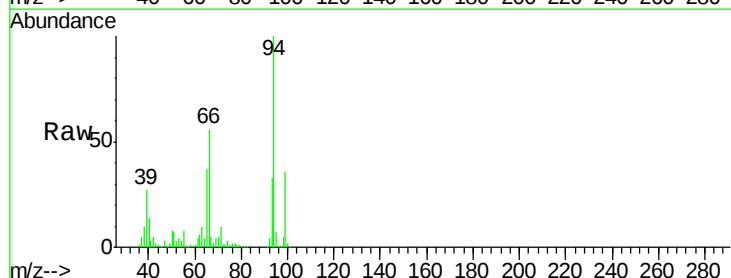
Tgt Ion: 94 Resp: 202559

Ion Ratio Lower Upper

94 100

65 36.7 5.9 45.9

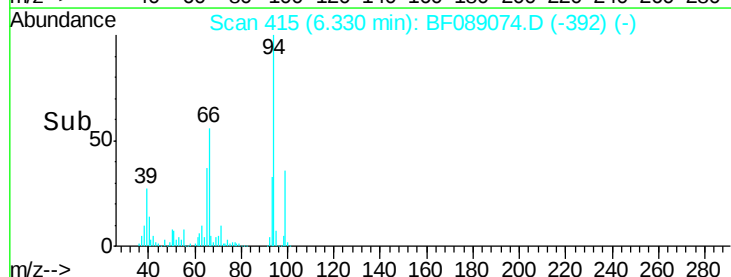
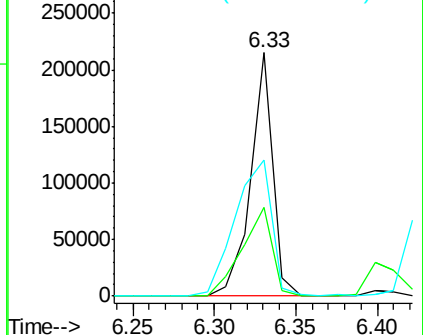
66 56.0 14.0 54.0#

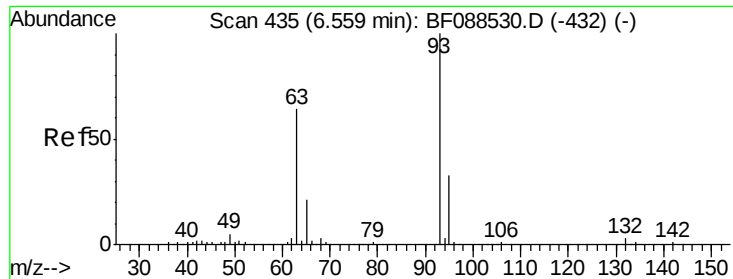


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

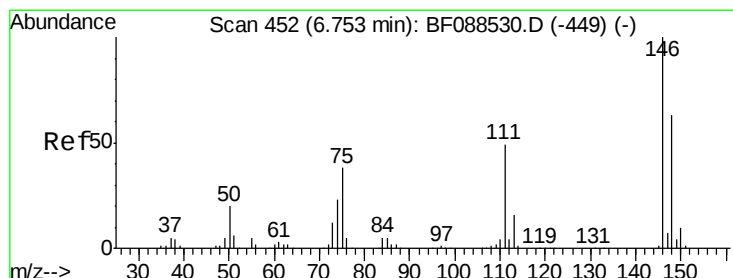
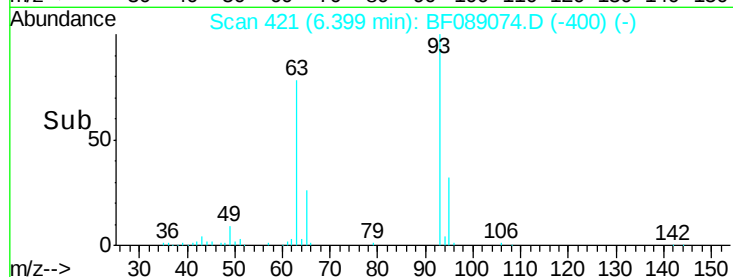
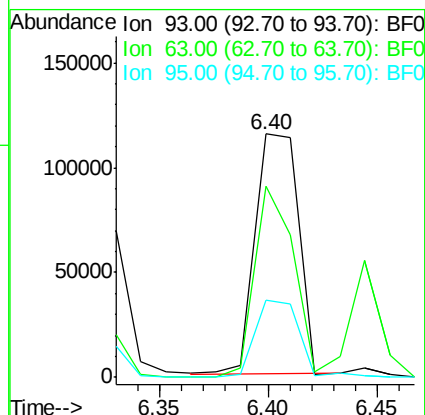
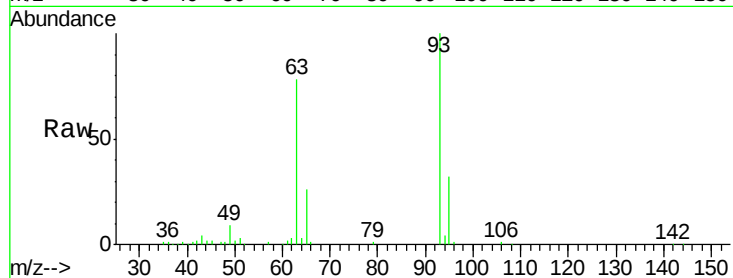




#11
bis(2-Chloroethyl)ether
Concen: 36.15 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

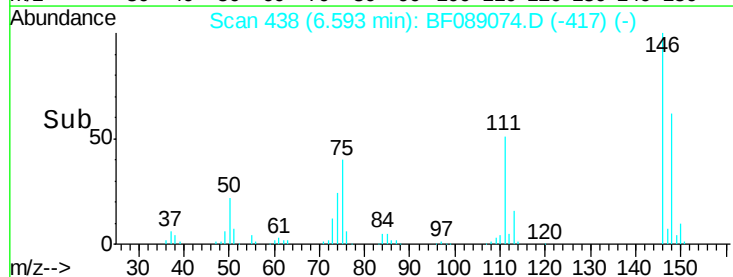
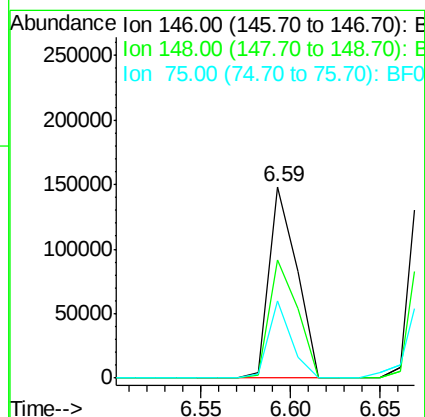
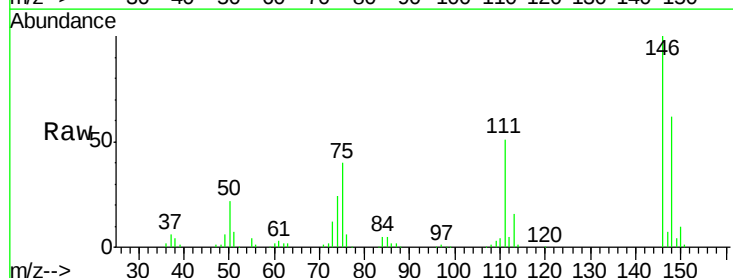
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

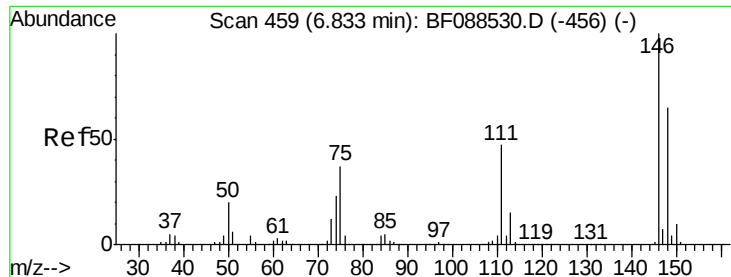
Tot Ion: 93 Resp: 159762
Ion Ratio Lower Upper
93 100
63 78.5 67.6 107.6
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 33.98 ng m
RT: 6.59 min Scan# 438
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion: 146 Resp: 161489
Ion Ratio Lower Upper
146 100
148 62.1 50.9 76.3
75 40.3 25.6 38.4#

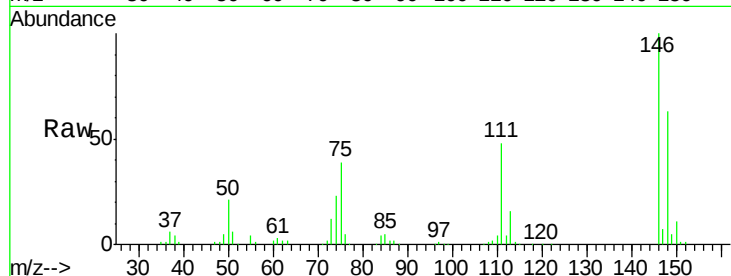




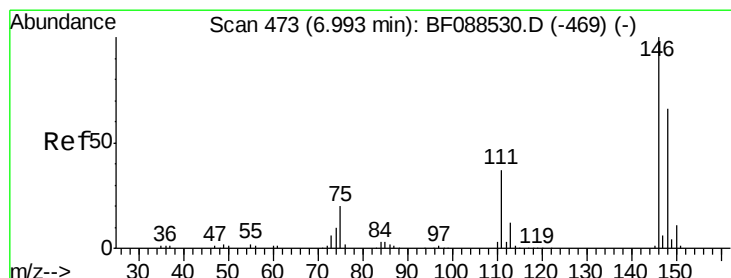
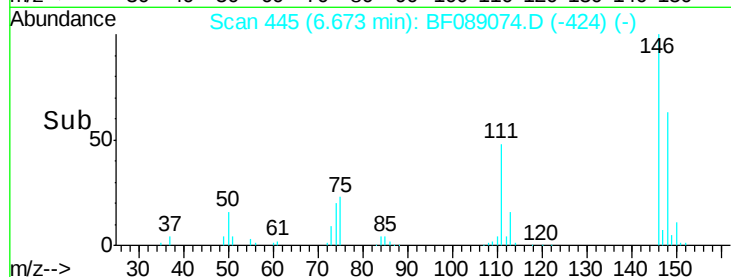
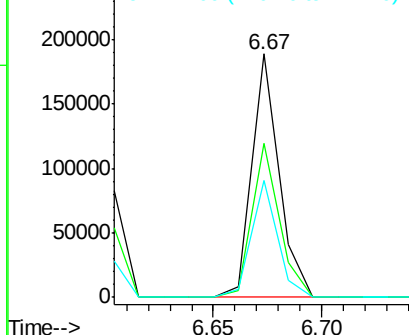
#13
 1,4-Dichlorobenzene
 Concen: 34.54 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion:146 Resp: 162918
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 48.1 33.8 50.8

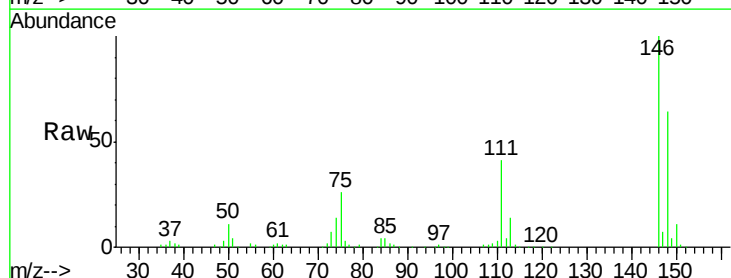


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

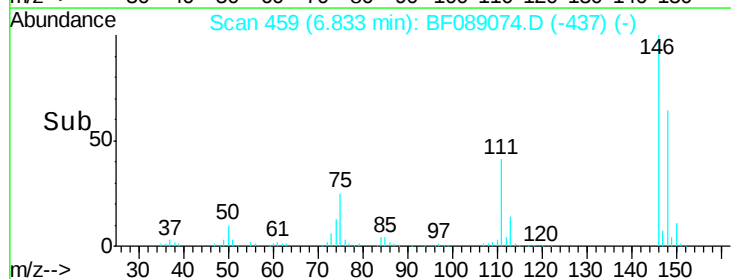
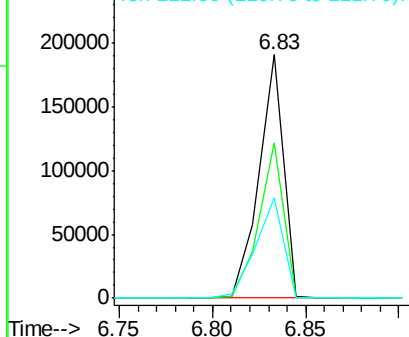


#14
 1,2-Dichlorobenzene
 Concen: 38.85 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:146 Resp: 171511
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 41.4 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.80 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

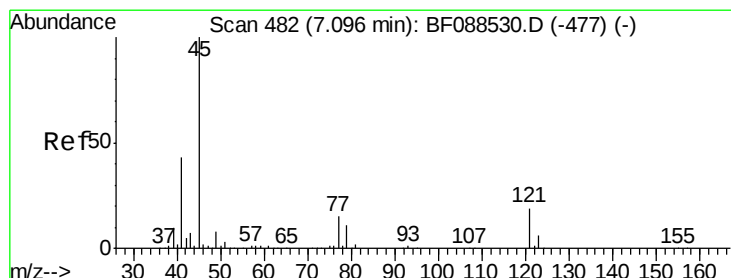
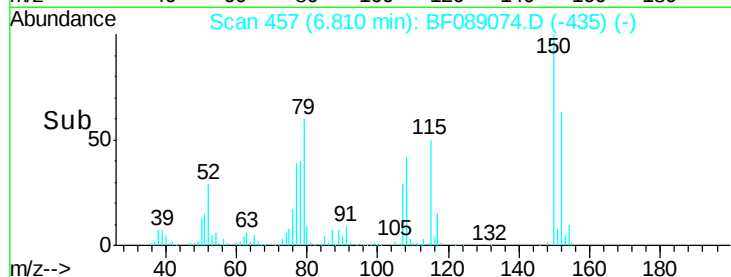
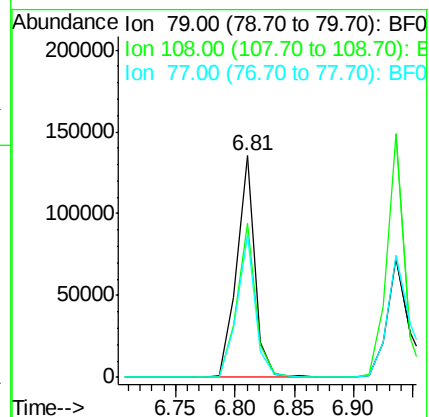
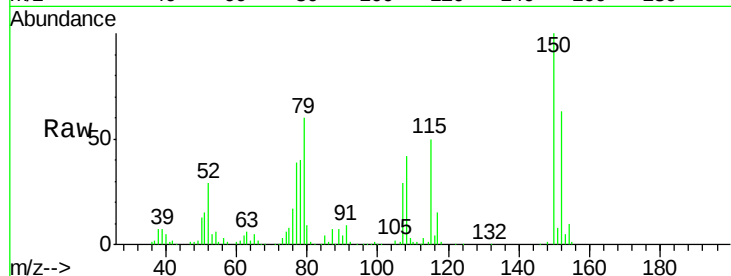
Tot Ion: 79 Resp: 144441

Ion Ratio Lower Upper

79 100

108 69.4 65.0 97.6

77 64.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.03 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

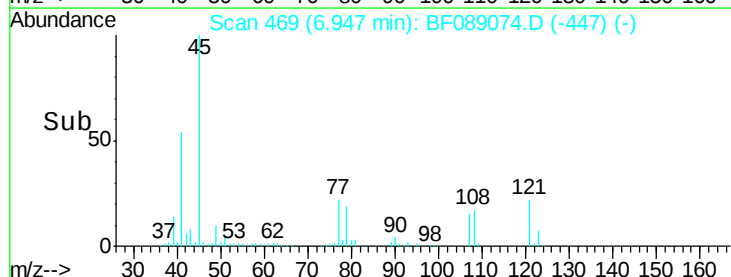
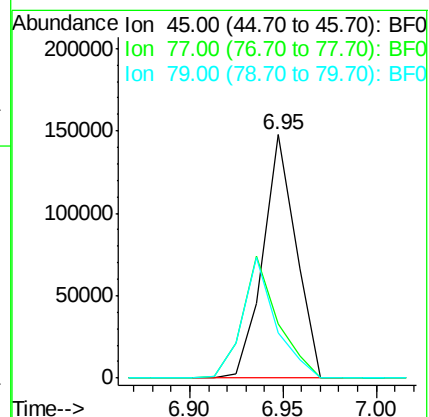
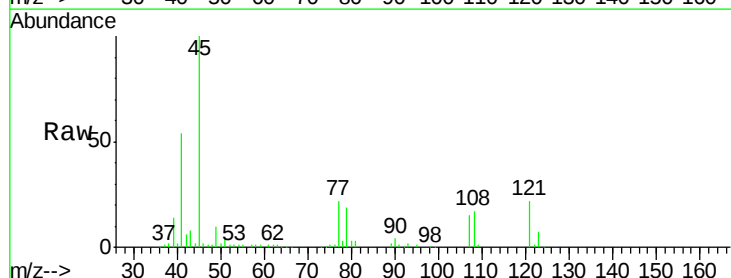
Tgt Ion: 45 Resp: 179388

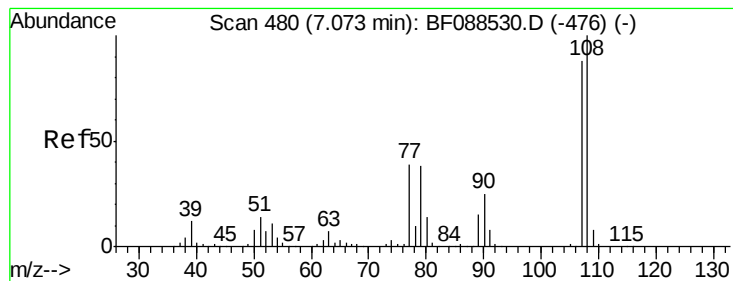
Ion Ratio Lower Upper

45 100

77 22.3 0.0 32.5

79 18.6 0.0 29.5





#17

2-Methylphenol

Concen: 38.62 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

Tot Ion:107 Resp: 136075

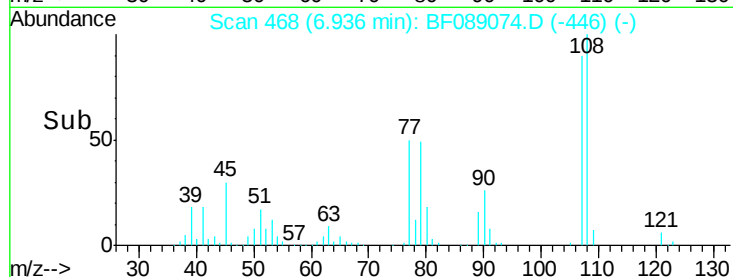
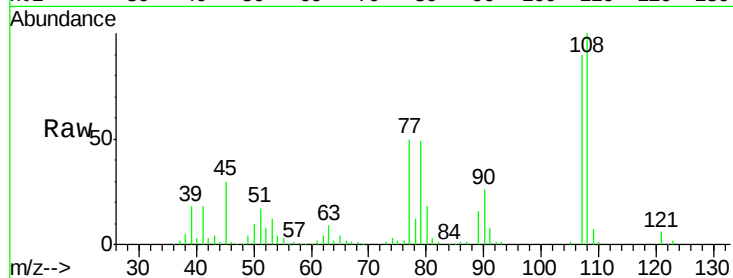
Ion Ratio Lower Upper

107 100

108 111.3 90.9 136.3

77 55.5 36.6 55.0#

79 54.7 36.5 54.7#

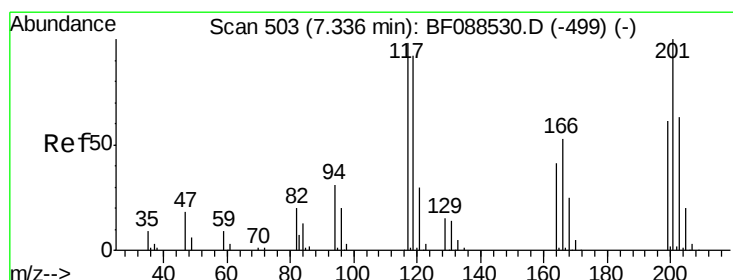
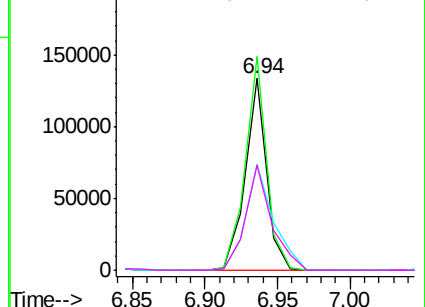


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.85 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

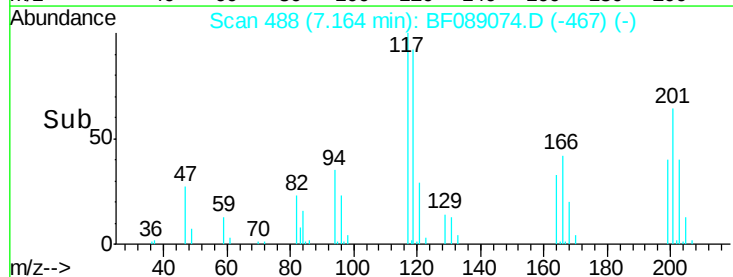
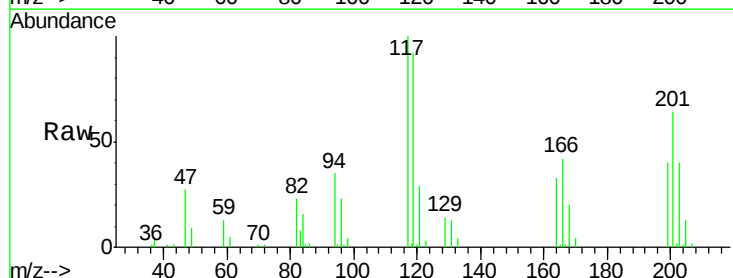
Tgt Ion:117 Resp: 63589

Ion Ratio Lower Upper

117 100

119 92.0 77.4 116.2

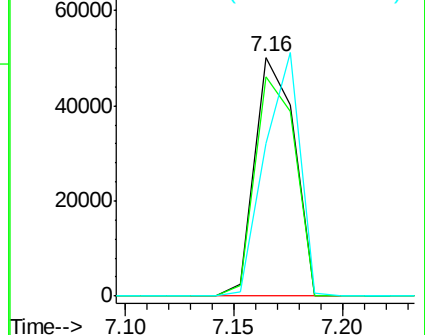
201 64.0 80.4 120.6#

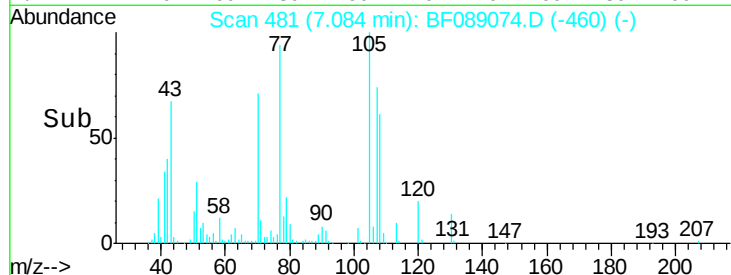
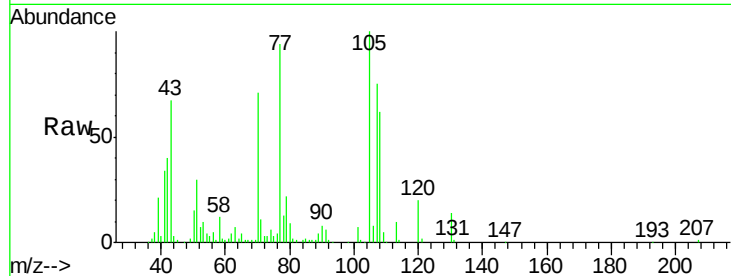


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

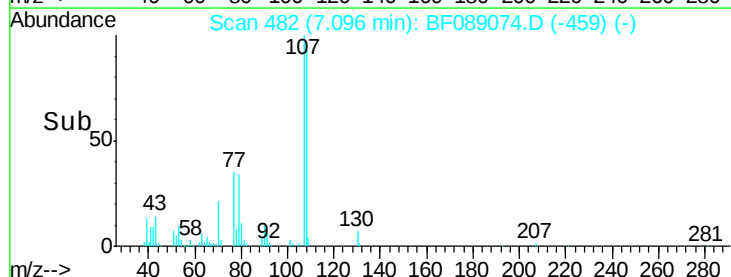
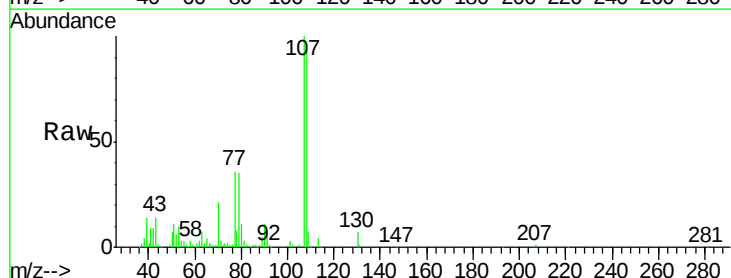
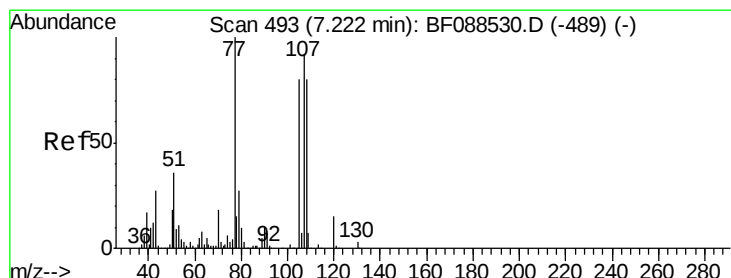
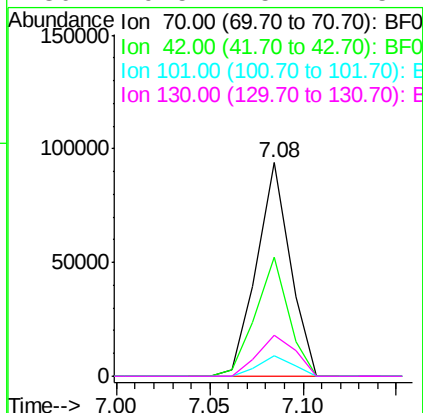




#19
n-Nitroso-di-n-propylamine
Concen: 33.70 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

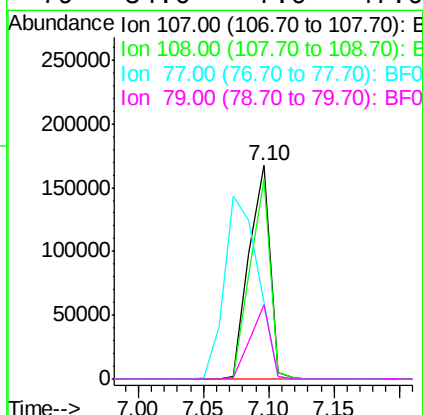
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

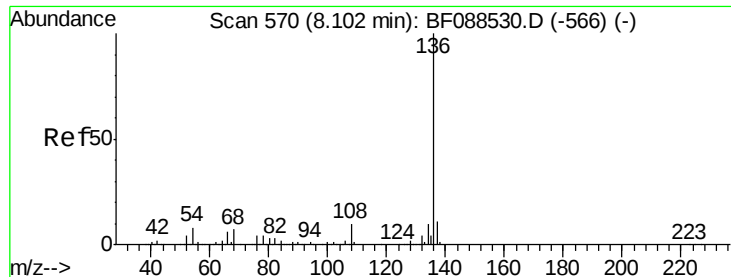
Tot Ion: 70 Resp: 117540
Ion Ratio Lower Upper
70 100
42 55.7 49.6 74.4
101 9.8 7.1 10.7
130 19.5 15.4 23.2



#20
3+4-Methylphenols
Concen: 44.58 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion: 107 Resp: 188518
Ion Ratio Lower Upper
107 100
108 93.3 67.8 107.8
77 35.7 59.3 99.3#
79 34.6 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

Tot Ion:136 Resp: 240456

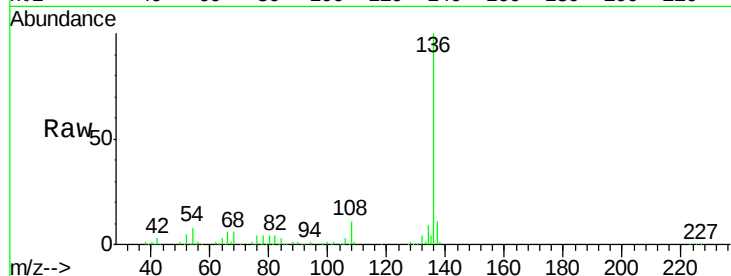
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.4 6.6 10.0

68 6.2 5.1 7.7

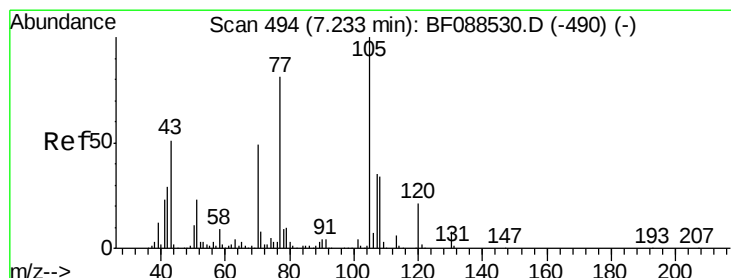
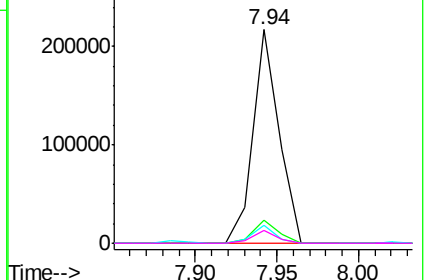
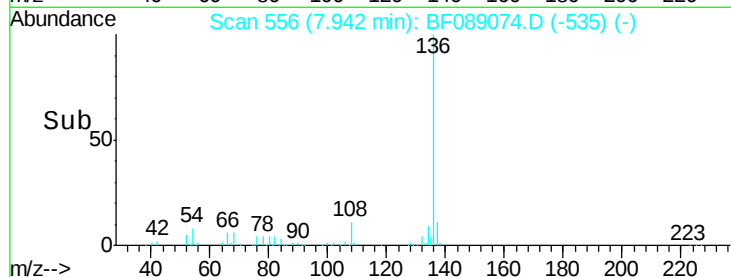


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.60 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Tgt Ion:105 Resp: 248608

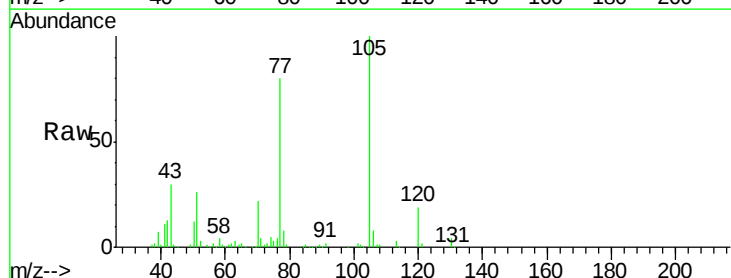
Ion Ratio Lower Upper

105 100

71 3.6 5.3 7.9#

51 26.3 18.2 27.4

120 19.3 18.0 27.0

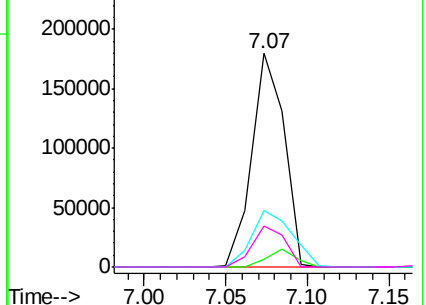
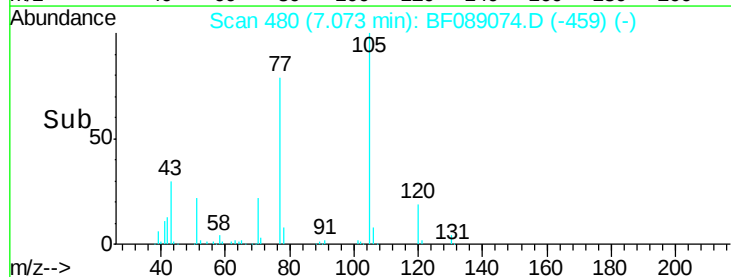


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

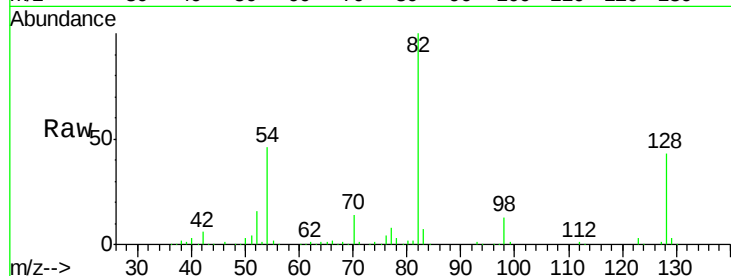




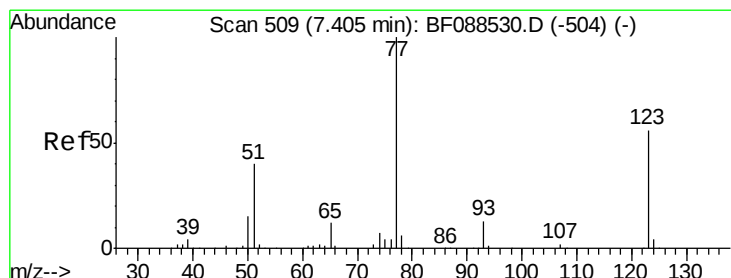
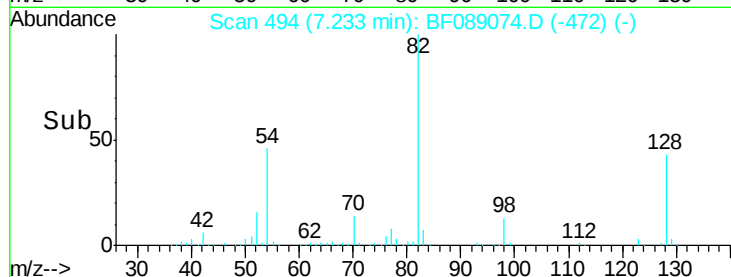
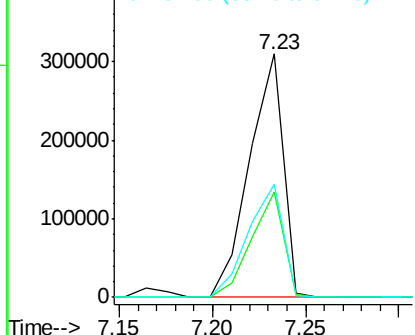
#23
 Nitrobenzene-d5
 Concen: 84.62 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion	82	Resp	388256
Ion Ratio	100	Lower	Upper
128	43.5	35.9	53.9
54	46.4	40.9	61.3

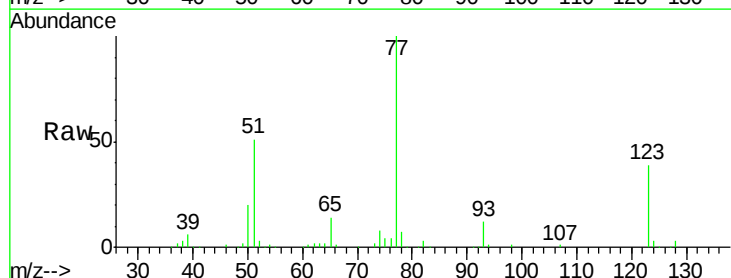


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

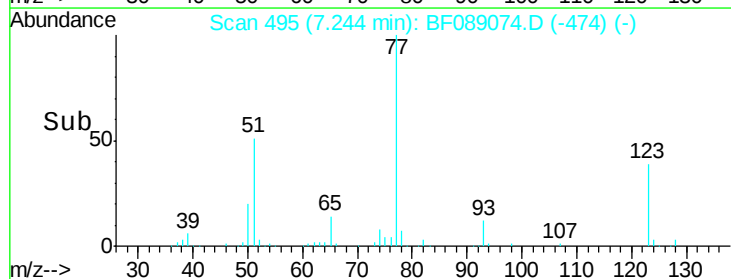
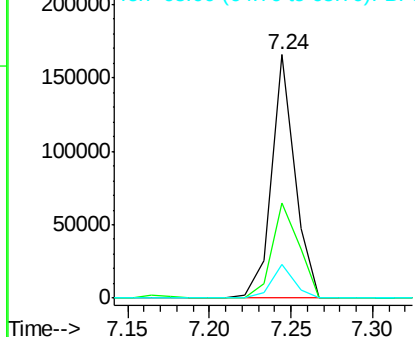


#24
 Nitrobenzene
 Concen: 35.77 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion	77	Resp	165465
Ion Ratio	100	Lower	Upper
123	39.0	45.0	67.4#
65	13.7	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.14 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

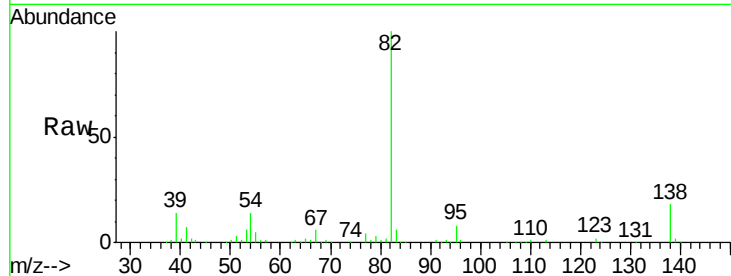
Tot Ion: 82 Resp: 341171

Ion Ratio Lower Upper

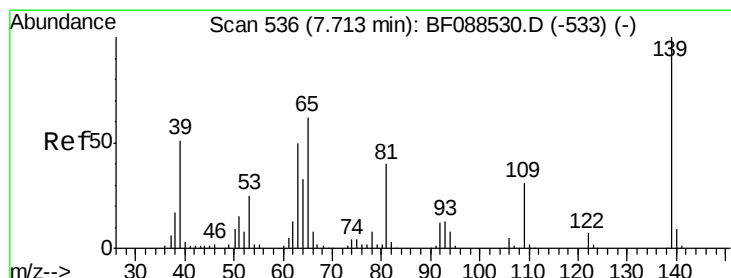
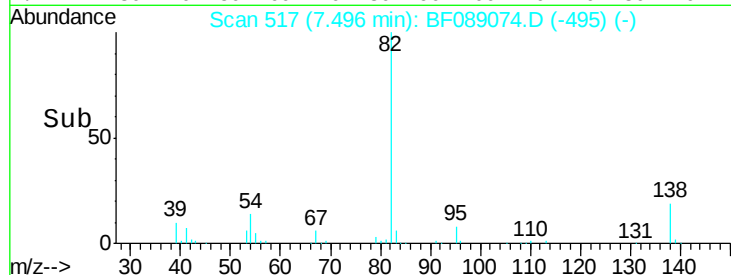
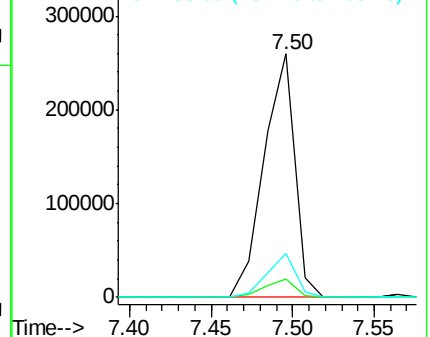
82 100

95 7.5 5.4 8.2

138 18.2 14.6 21.8



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): E



#26

2-Nitrophenol

Concen: 47.10 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

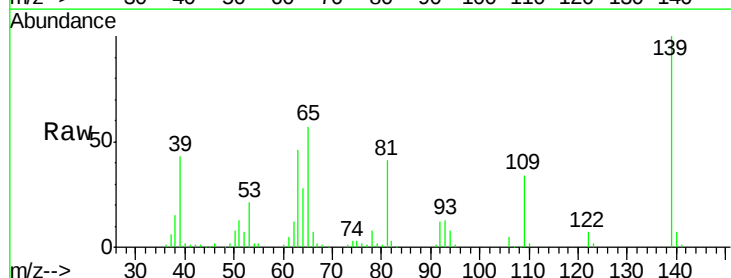
Tgt Ion:139 Resp: 89348

Ion Ratio Lower Upper

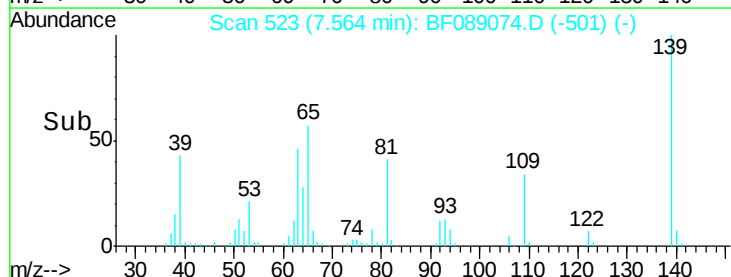
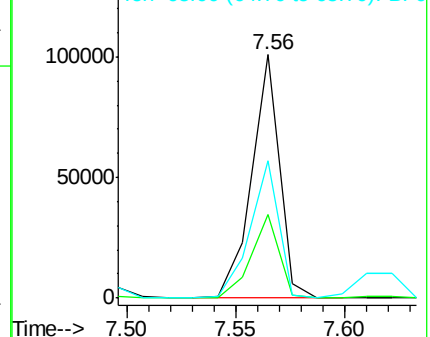
139 100

109 34.2 23.0 34.4

65 56.7 45.8 68.8



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

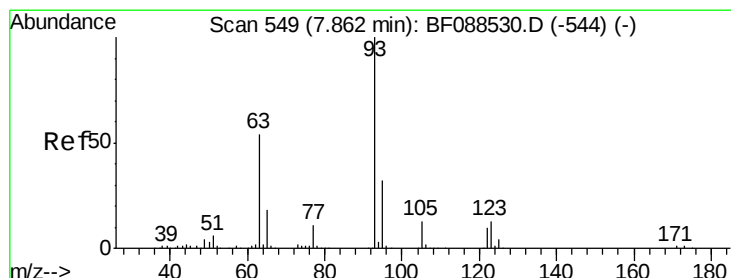
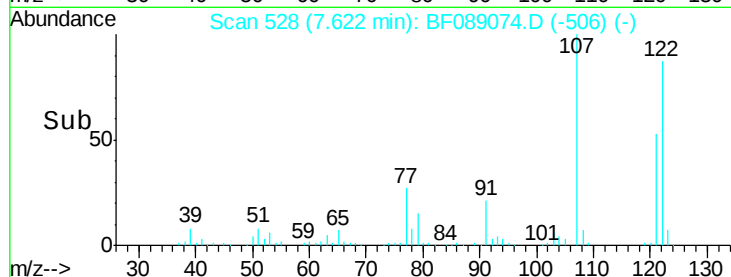
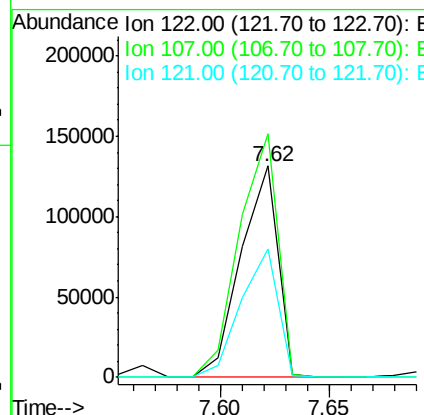
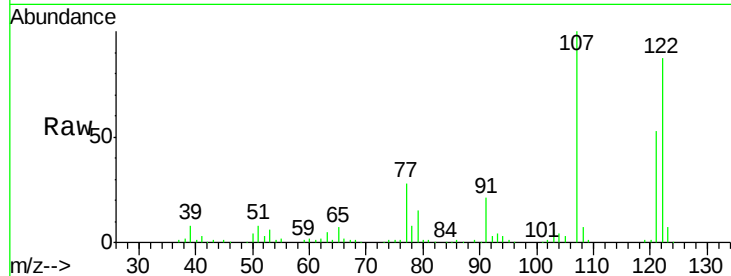




#27
2,4-Dimethylphenol
Concen: 39.53 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

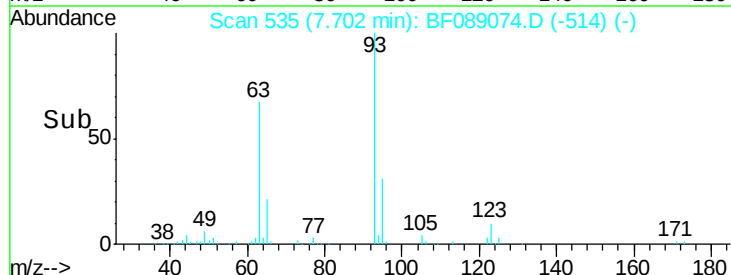
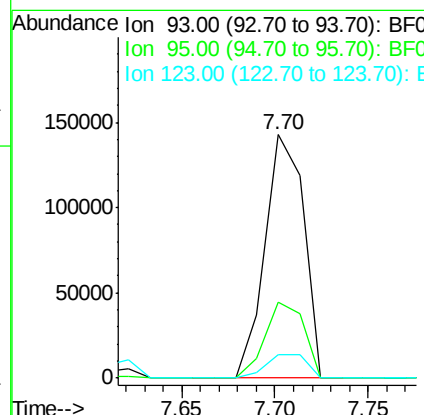
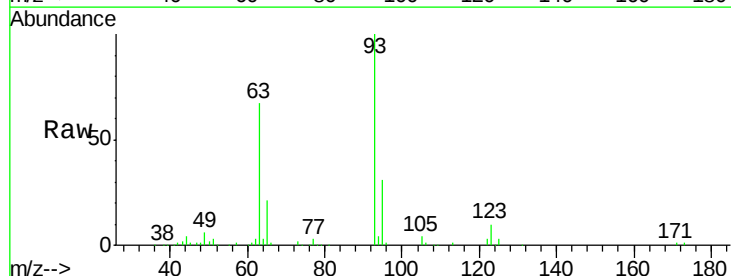
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

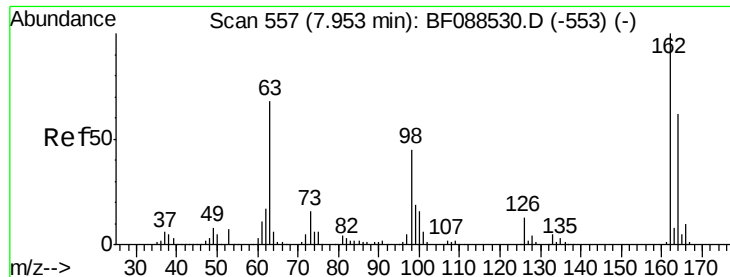
Tot Ion:122 Resp: 156212
Ion Ratio Lower Upper
122 100
107 115.2 82.4 123.6
121 60.9 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 37.07 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion: 93 Resp: 205045
Ion Ratio Lower Upper
93 100
95 31.3 26.5 39.7
123 9.7 11.6 17.4#

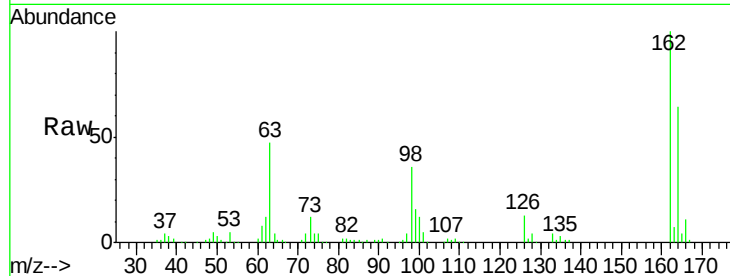




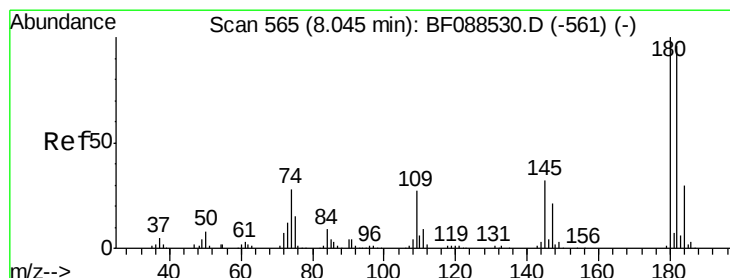
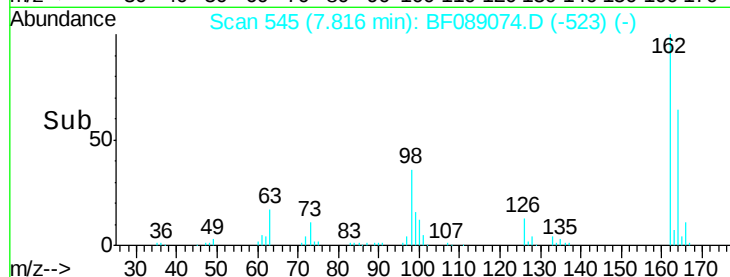
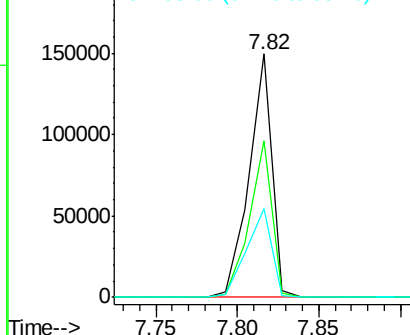
#29
 2,4-Dichlorophenol
 Concen: 45.29 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.8	83.8
98	36.3	21.3	61.3

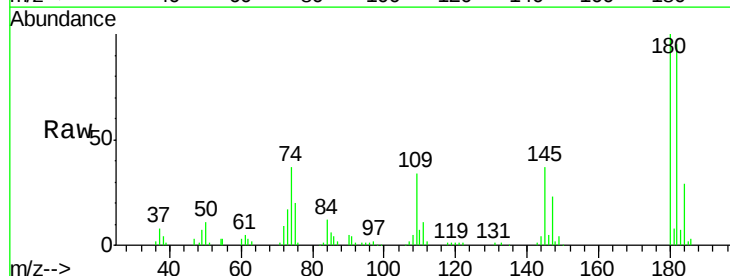


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

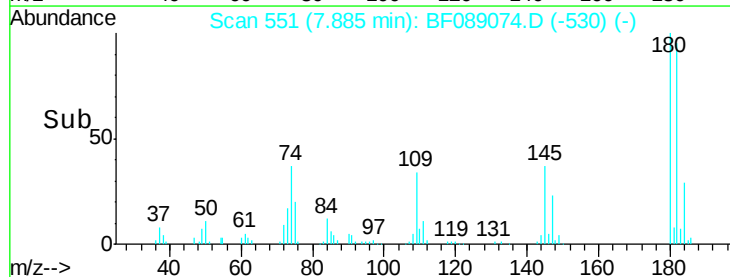
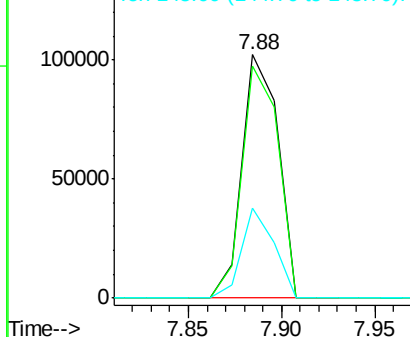


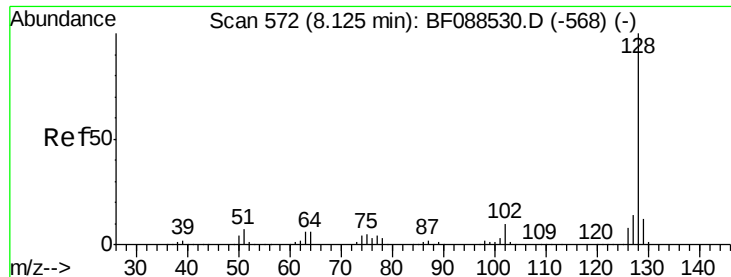
#30
 1,2,4-Trichlorobenzene
 Concen: 39.13 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	36.9	26.5	39.7



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

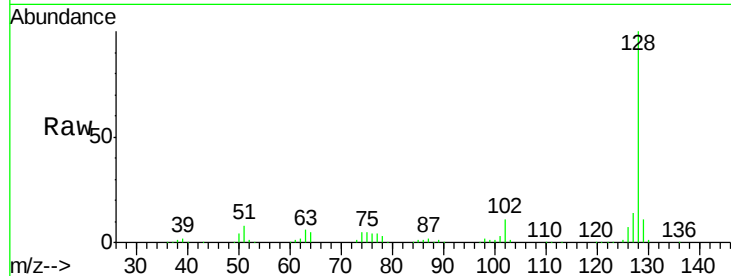




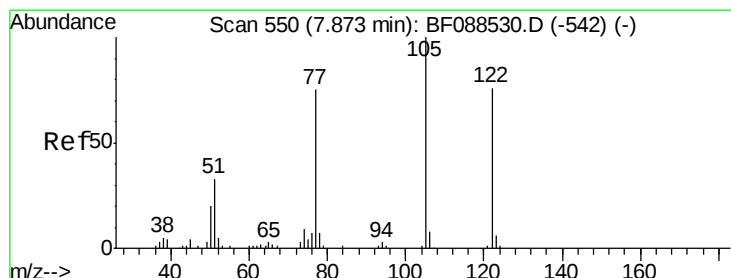
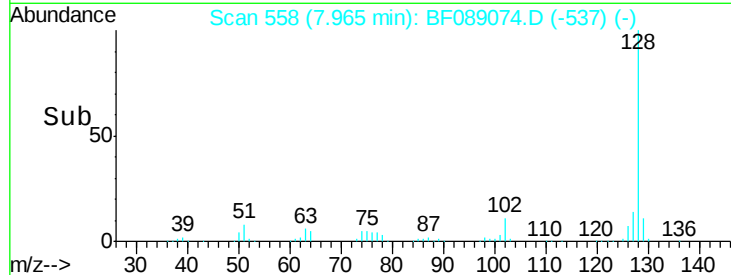
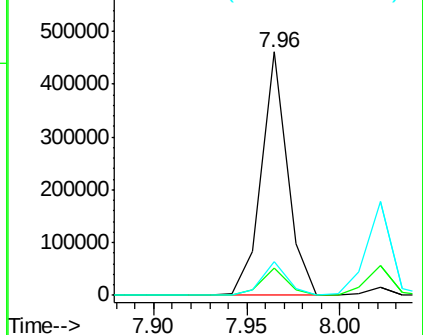
#31
Naphthalene
Concen: 37.36 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:128 Resp: 442908
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.7 10.9 16.3

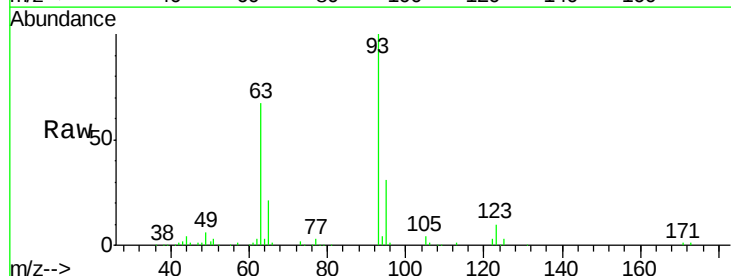


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

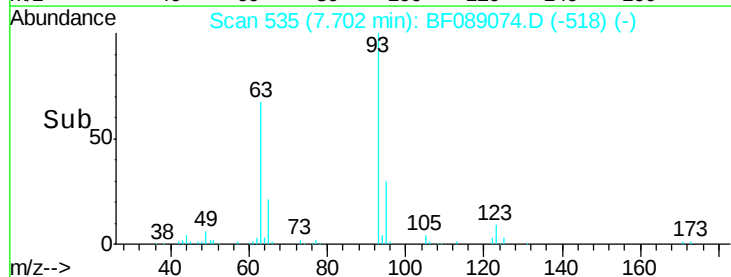
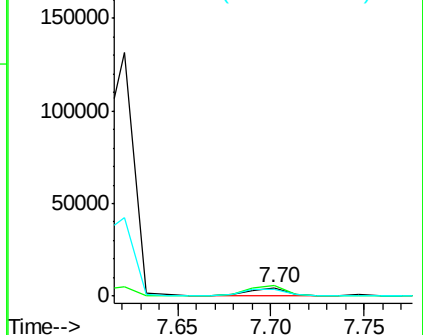


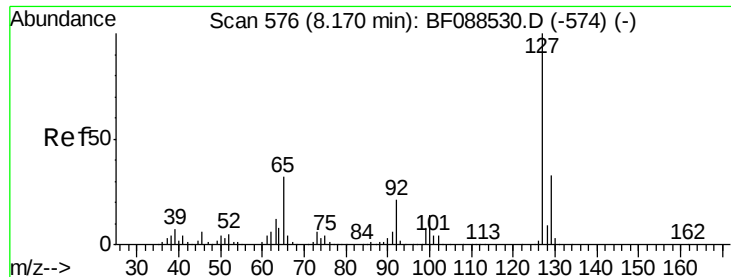
#32
Benzoic acid
Concen: 2.34 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.10 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:122 Resp: 6723
Ion Ratio Lower Upper
122 100
105 120.8 101.6 141.6
77 82.3 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

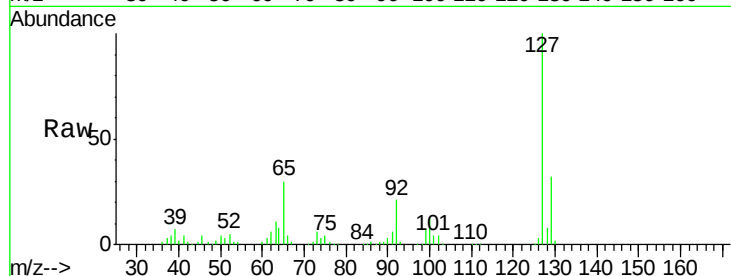




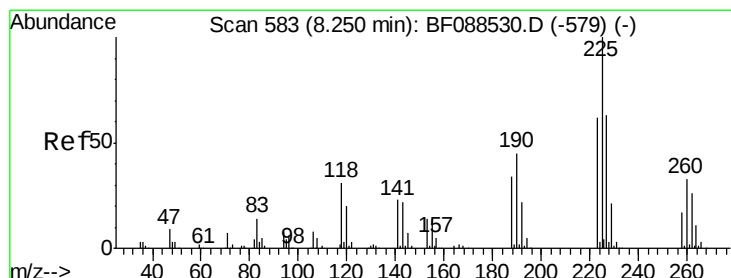
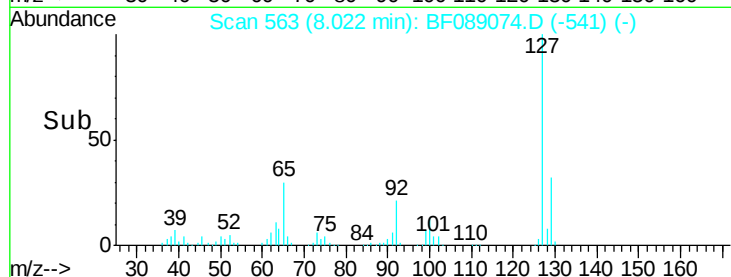
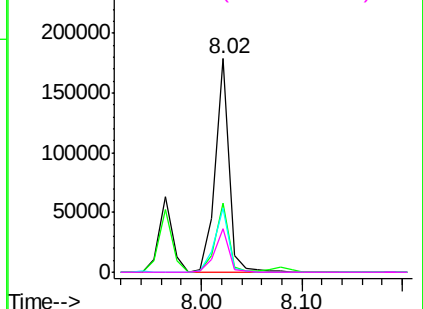
#33
4-Chloroaniline
Concen: 32.28 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:	127	Resp:	170253
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	29.8	24.7	37.1
92	20.6	15.4	23.0

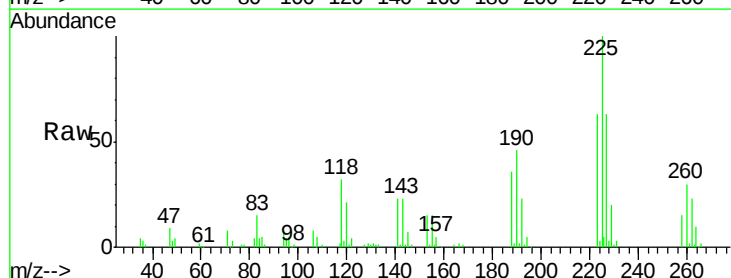


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

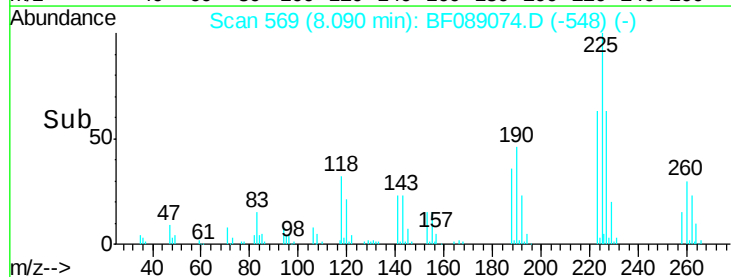
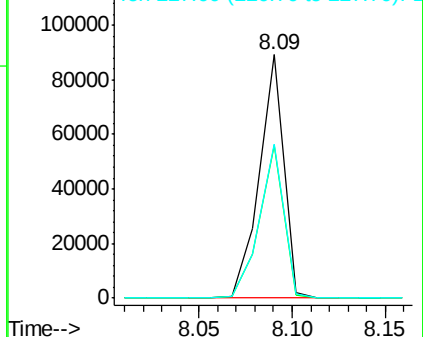


#34
Hexachlorobutadiene
Concen: 42.97 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:	225	Resp:	80632
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	63.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.79 ng/mL

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

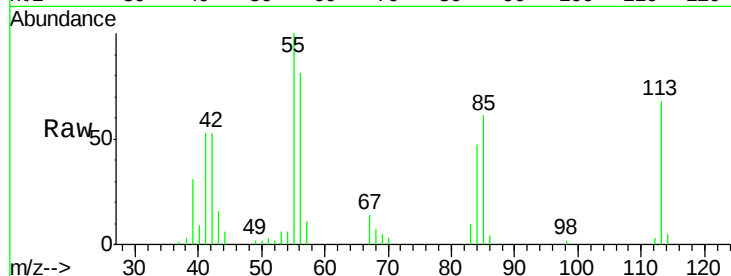
Tot Ion:113 Resp: 45322

Ion Ratio Lower Upper

113 100

55 147.8 158.6 198.6#

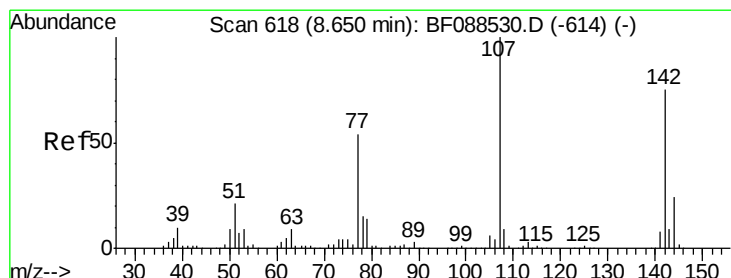
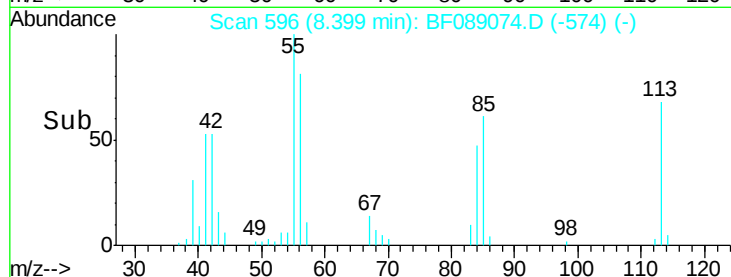
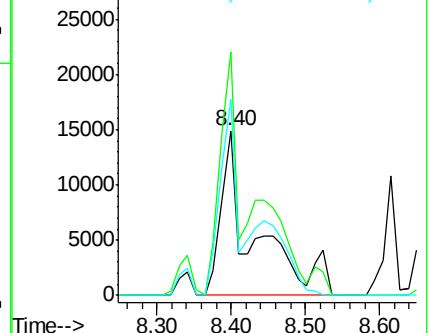
56 119.4 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.88 ng/mL

RT: 8.52 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

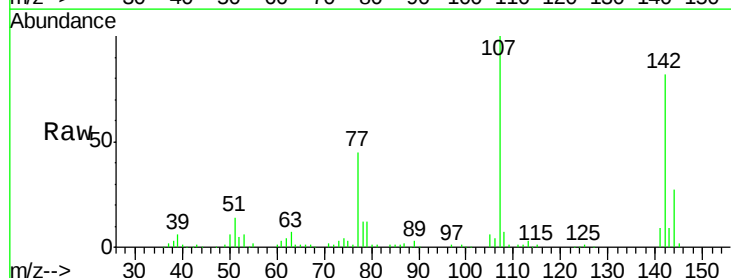
Tgt Ion:107 Resp: 165690

Ion Ratio Lower Upper

107 100

144 26.8 20.8 31.2

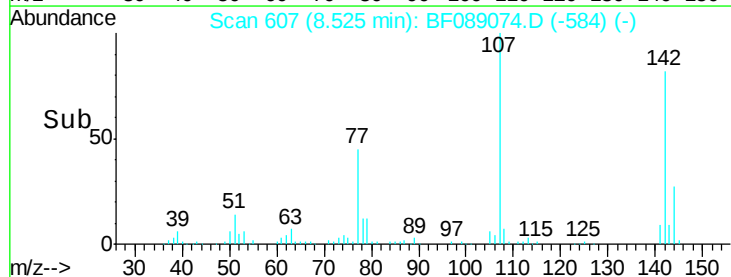
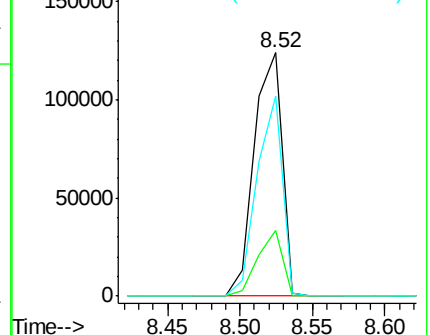
142 82.3 63.4 95.2

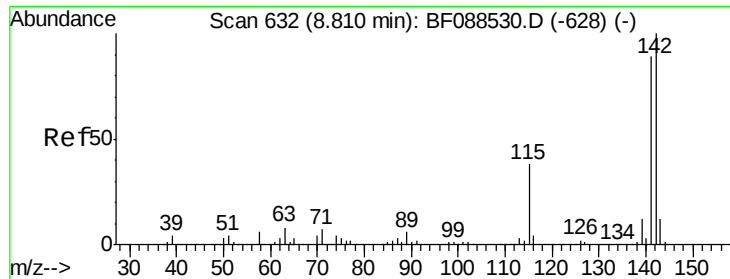


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

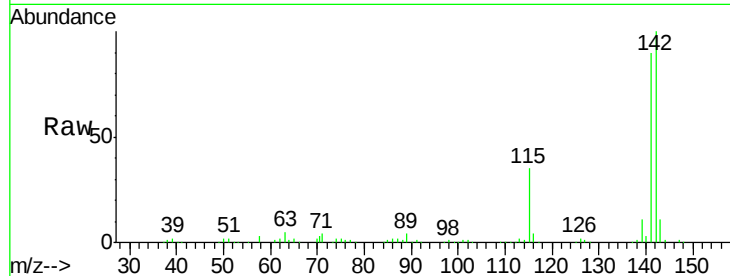




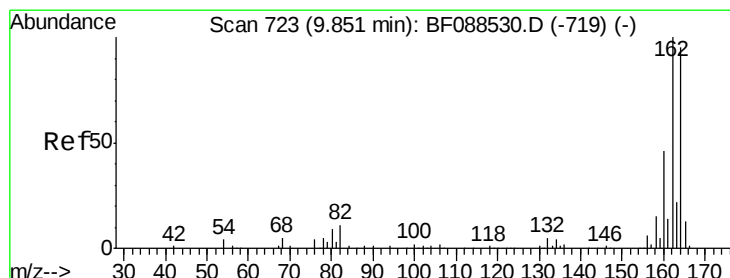
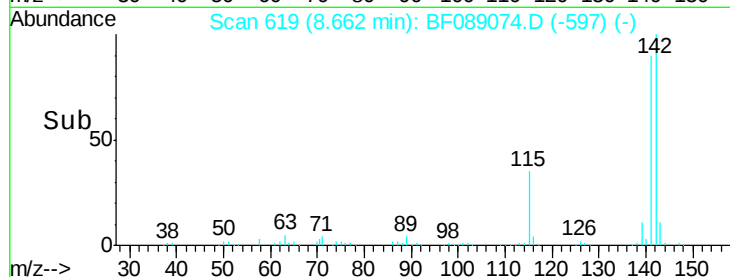
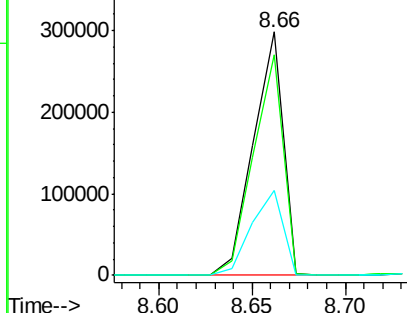
#37
 2-Methylnaphthalene
 Concen: 43.08 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	34.8	22.6	33.8#

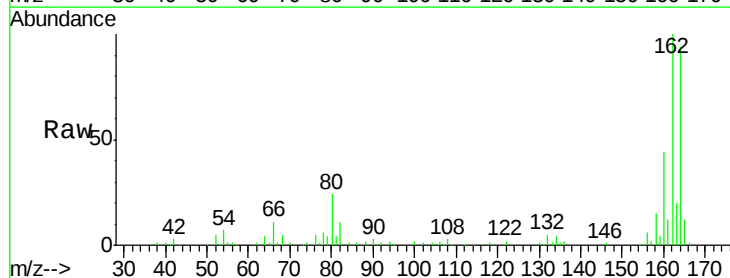


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

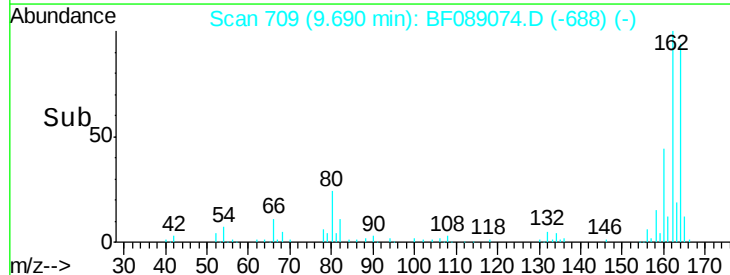
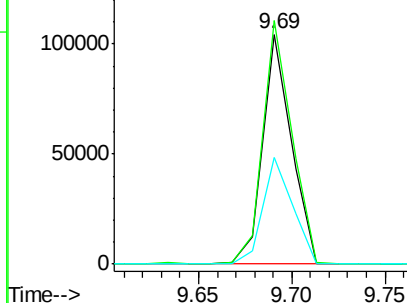


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.4	128.2
160	46.3	39.5	59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.50 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

Tot Ion:216 Resp: 126284

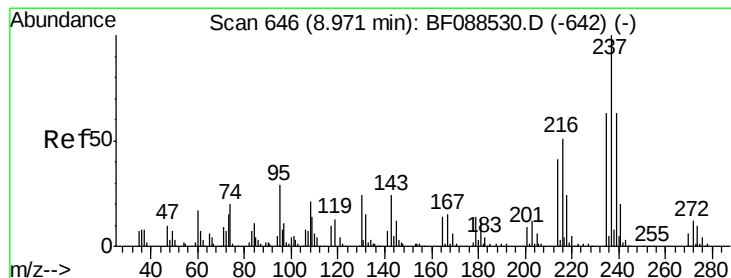
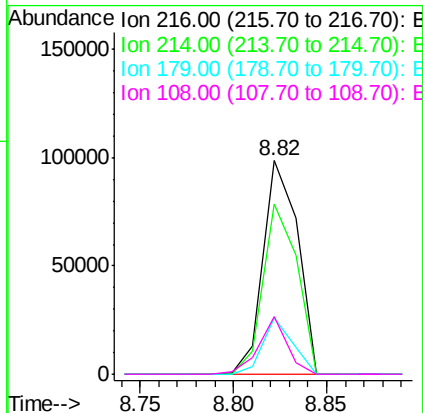
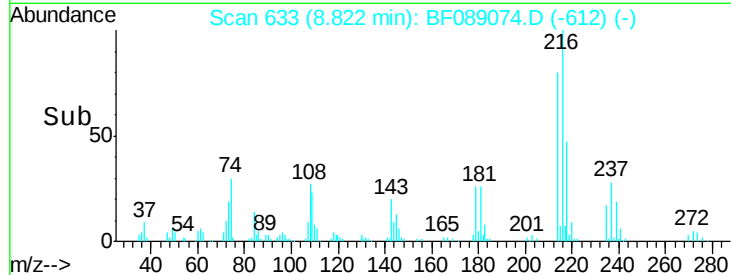
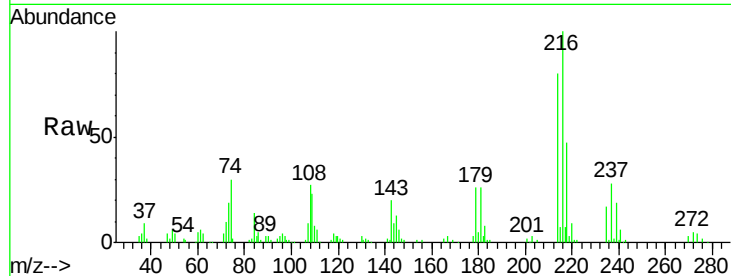
Ion Ratio Lower Upper

216 100

214 78.3 2.9 4.3#

179 22.8 0.0 0.0#

108 21.8 0.5 0.7#



#40

Hexachlorocyclopentadiene

Concen: 43.85 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

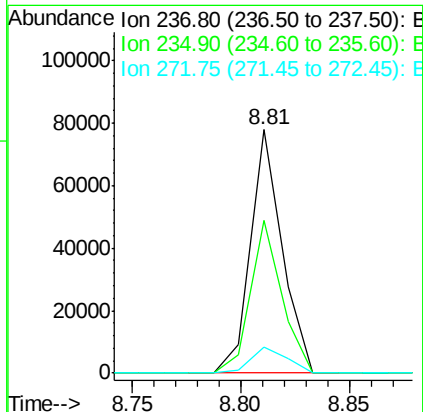
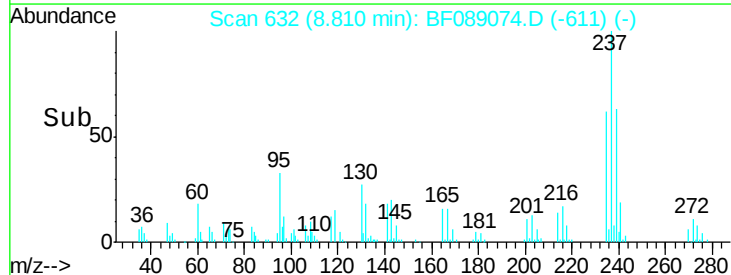
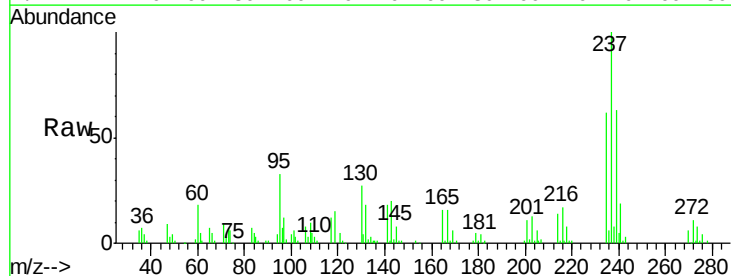
Tgt Ion:237 Resp: 78797

Ion Ratio Lower Upper

237 100

235 62.5 43.4 83.4

272 10.5 0.0 32.3

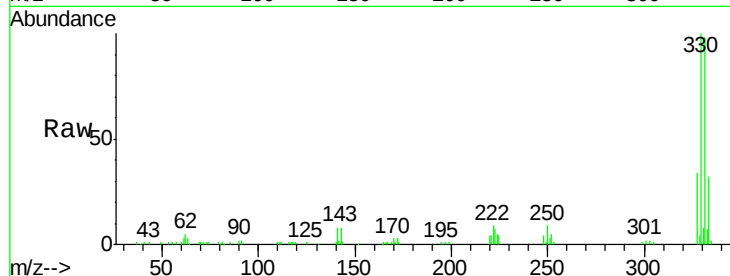




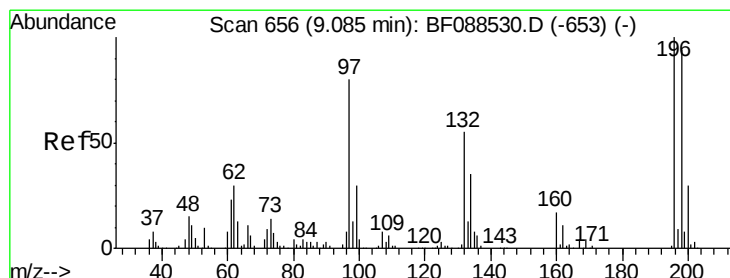
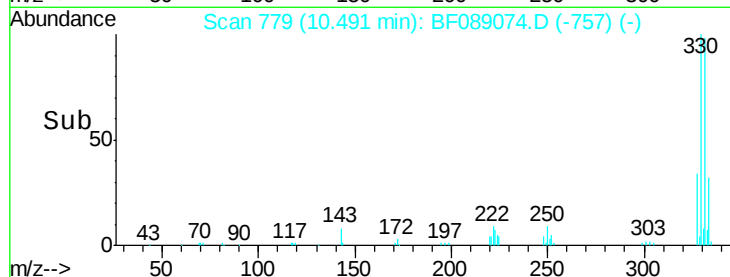
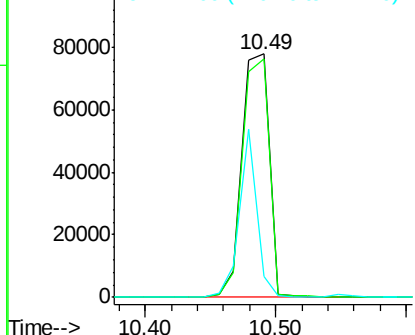
#41
 2,4,6-Tribromophenol
 Concen: 110.47 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion:330 Resp: 112906
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 43.9 0.0 0.0#

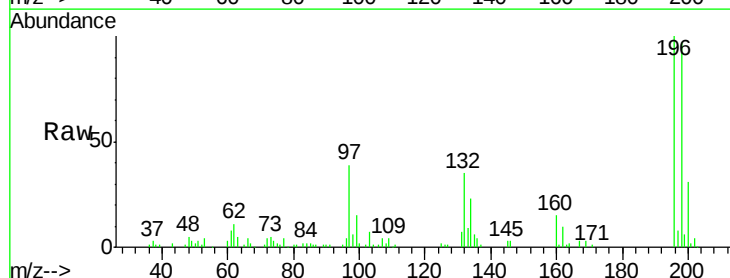


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

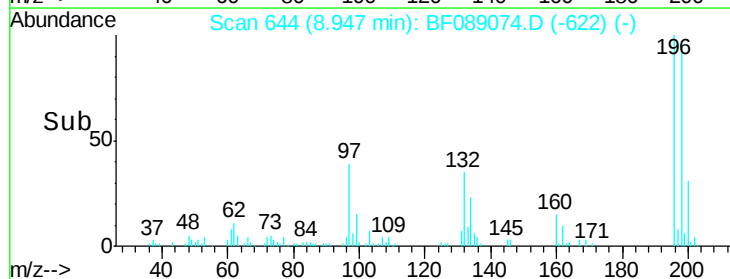
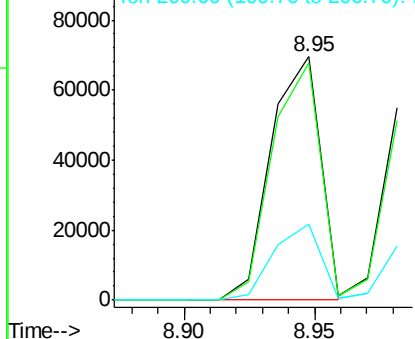


#42
 2,4,6-Trichlorophenol
 Concen: 37.78 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:196 Resp: 91198
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.0 117.0
 200 31.3 25.4 38.2



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

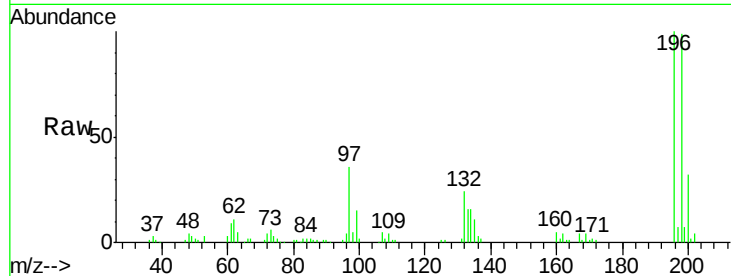




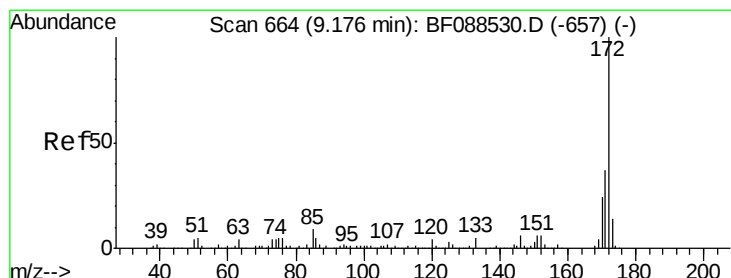
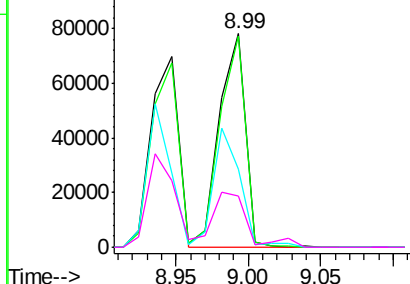
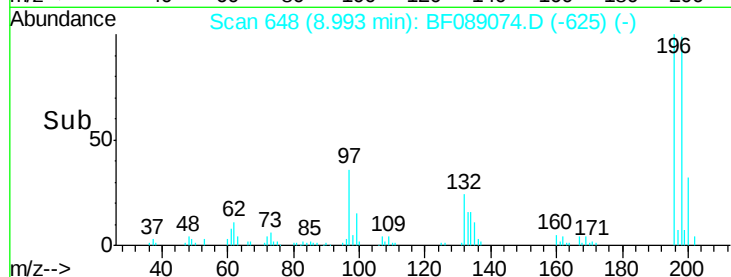
#43
 2,4,5-Trichlorophenol
 Concen: 46.86 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion:196 Resp: 97304
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.5 116.3
 97 36.5 32.0 48.0
 132 23.9 20.9 31.3

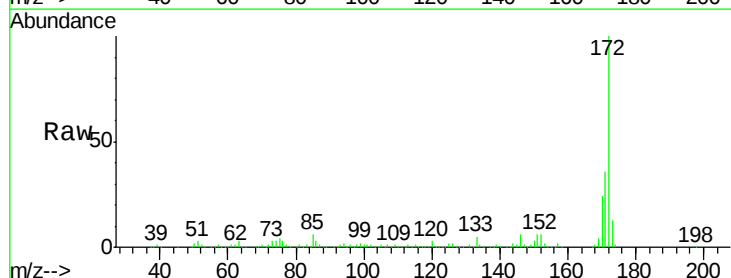


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

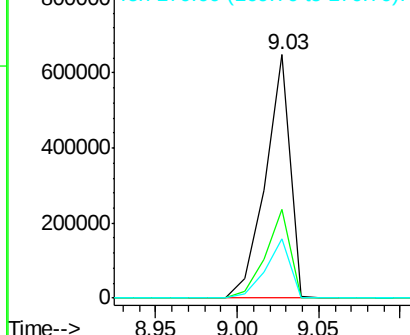
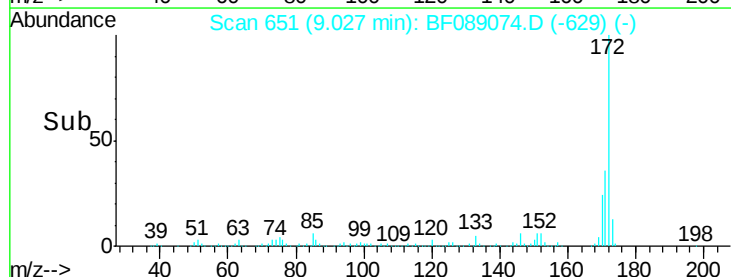


#44
 2-Fluorobiphenyl
 Concen: 97.98 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:172 Resp: 682746
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.2 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 36.99 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

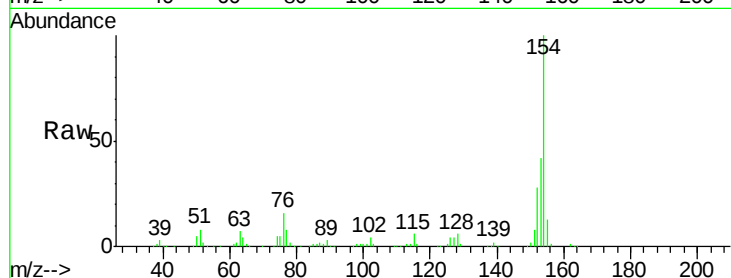
Tot Ion:154 Resp: 337102

Ion Ratio Lower Upper

154 100

153 41.5 20.6 60.6

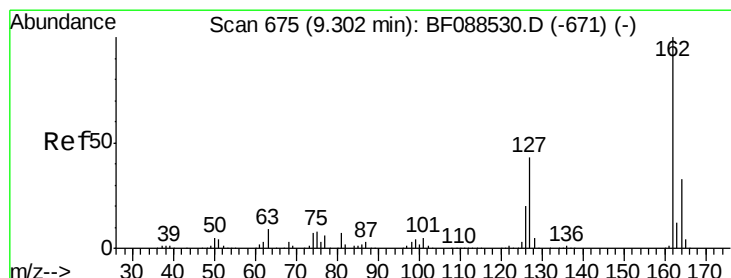
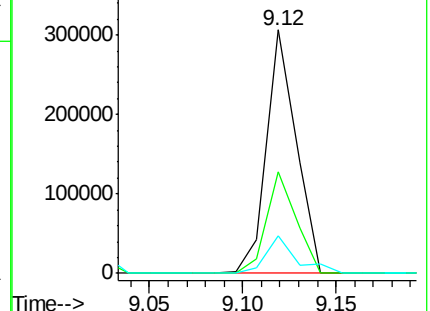
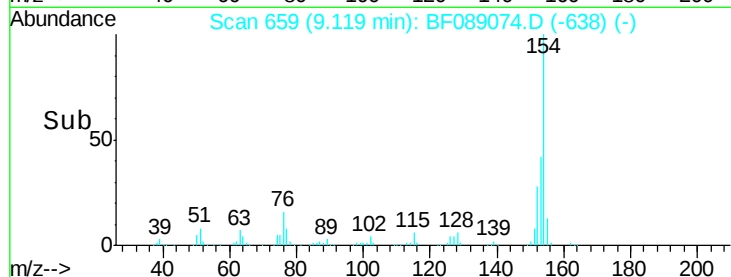
76 15.6 0.0 35.1



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: 37.14 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

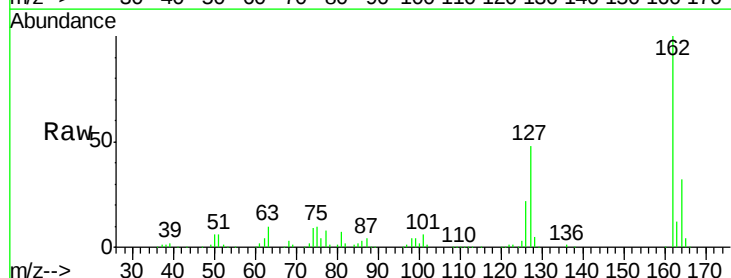
Tgt Ion:162 Resp: 265744

Ion Ratio Lower Upper

162 100

127 47.7 35.2 52.8

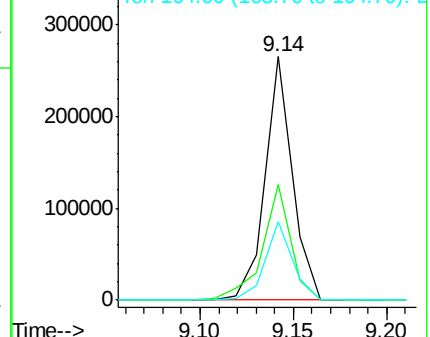
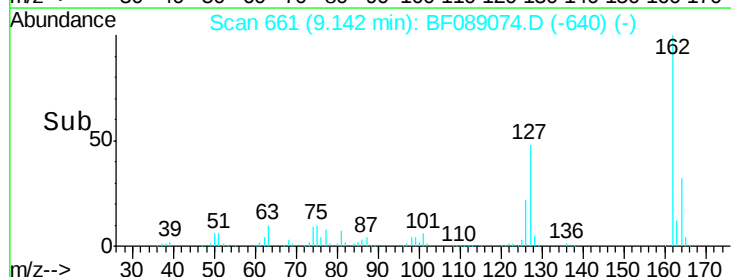
164 32.1 26.6 39.8

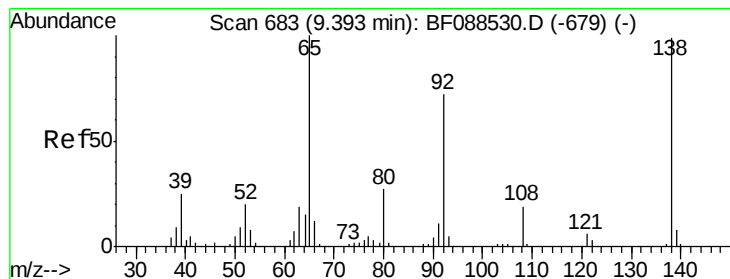


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.44 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

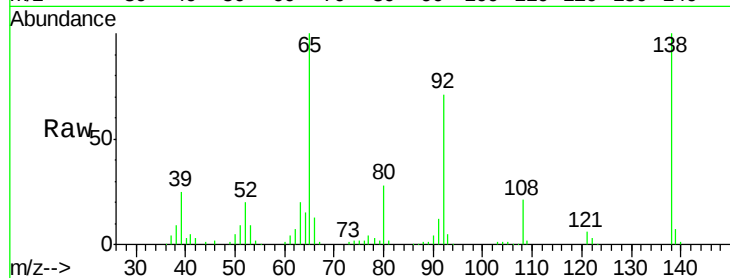
Tot Ion: 65 Resp: 105234

Ion Ratio Lower Upper

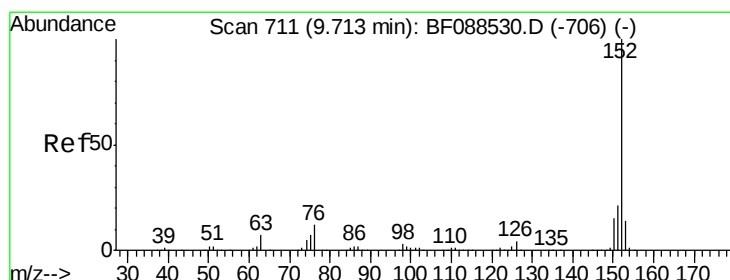
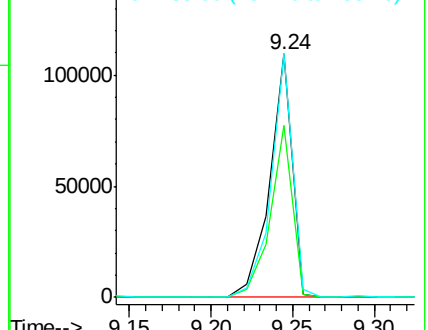
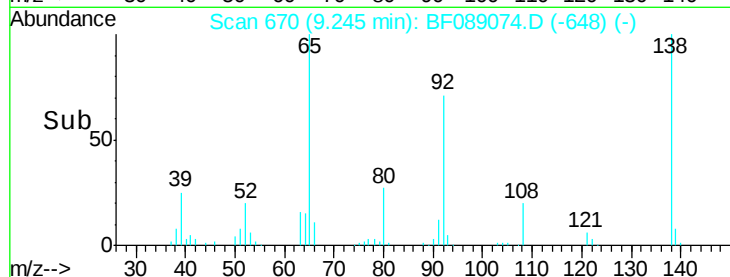
65 100

92 70.7 54.6 82.0

138 100.0 77.0 115.4



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



#48

Acenaphthylene

Concen: 36.27 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

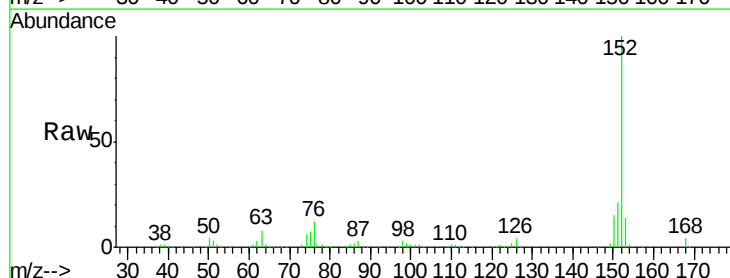
Tgt Ion: 152 Resp: 412945

Ion Ratio Lower Upper

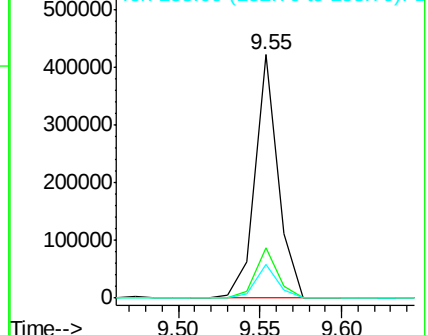
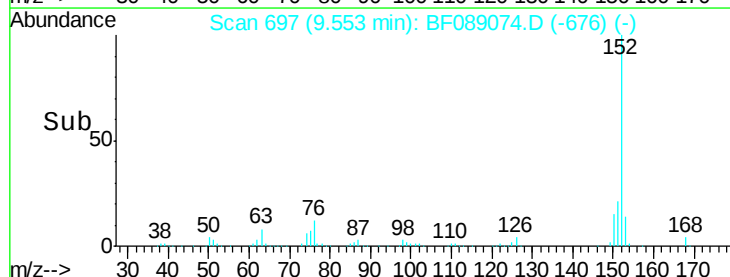
152 100

151 20.5 16.2 24.4

153 13.8 11.0 16.6



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

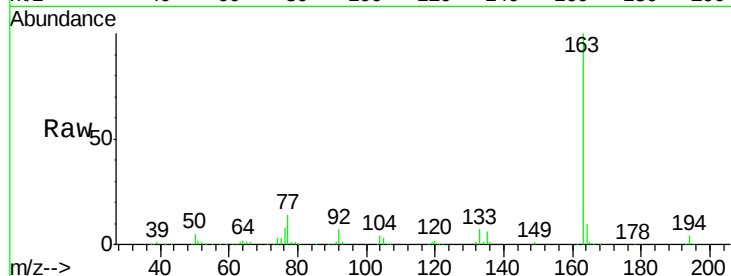




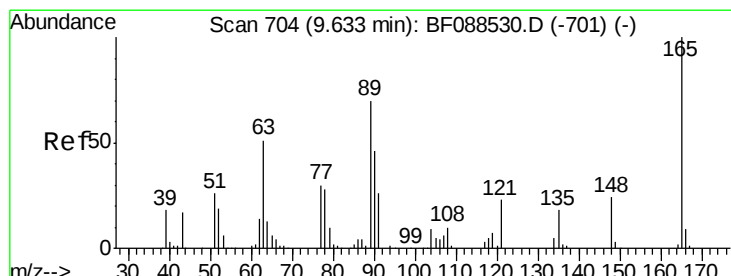
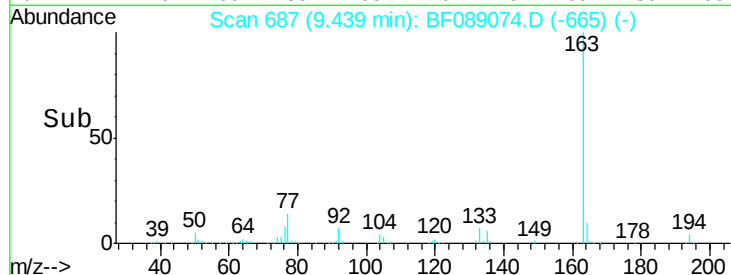
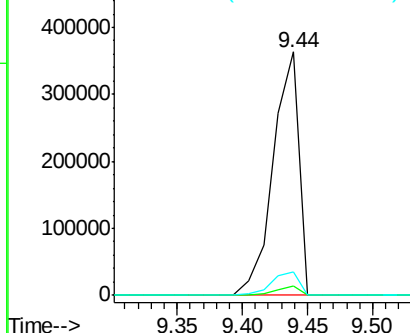
#49
Dimethylphthalate
Concen: 64.27 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:163 Resp: 503983
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.6 8.3 12.5

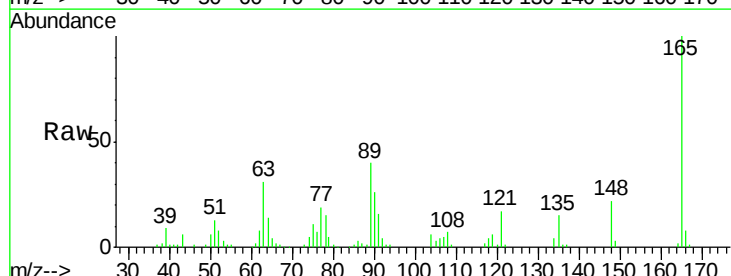


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

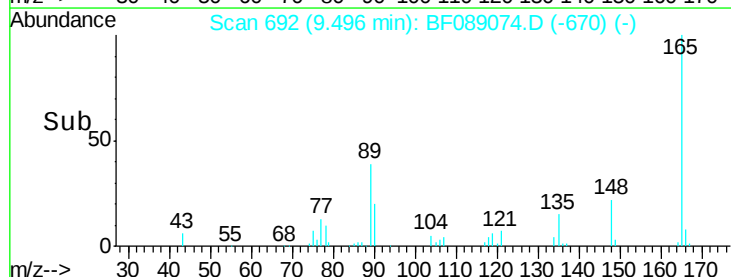
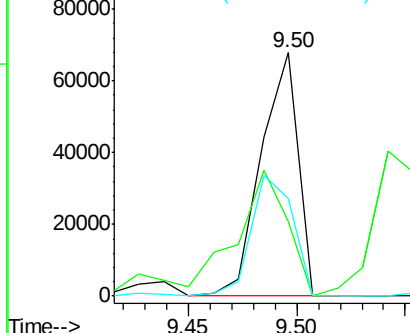


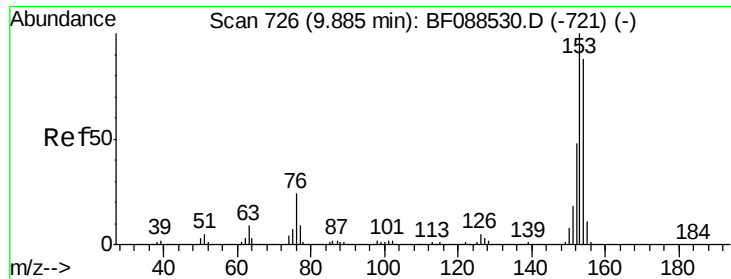
#50
2,6-Dinitrotoluene
Concen: 46.62 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:165 Resp: 81013
Ion Ratio Lower Upper
165 100
63 30.6 28.1 42.1
89 40.4 32.2 48.2



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: 36.68 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

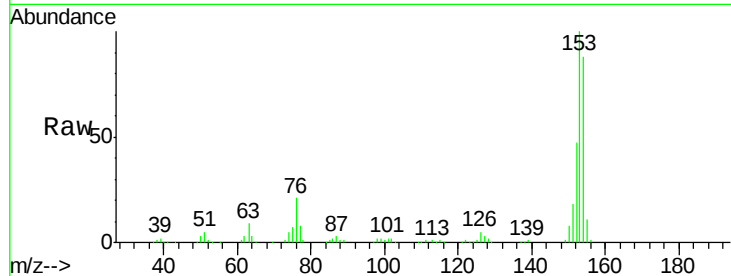
Tot Ion:154 Resp: 255938

Ion Ratio Lower Upper

154 100

153 113.8 89.5 134.3

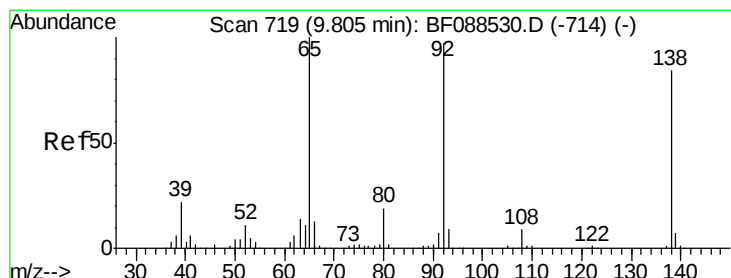
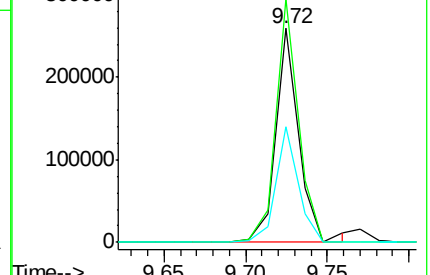
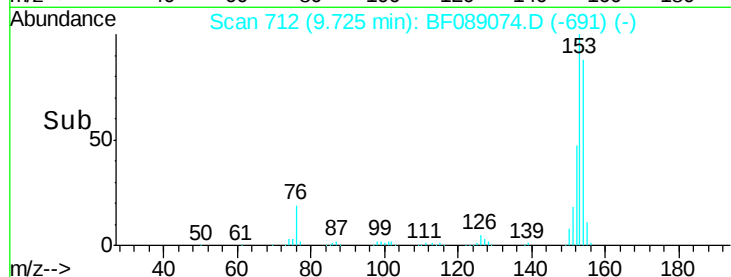
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.09 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

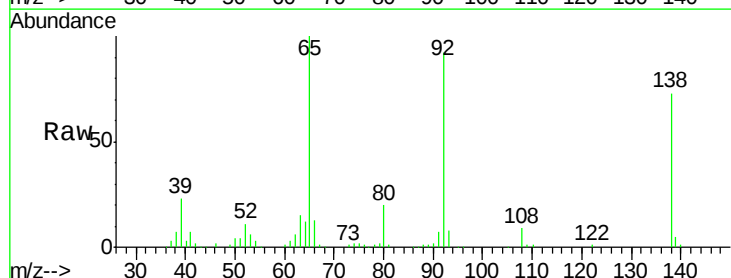
Tgt Ion:138 Resp: 75319

Ion Ratio Lower Upper

138 100

108 12.1 8.5 12.7

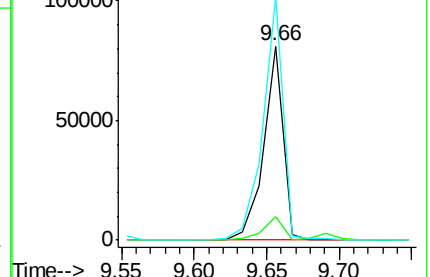
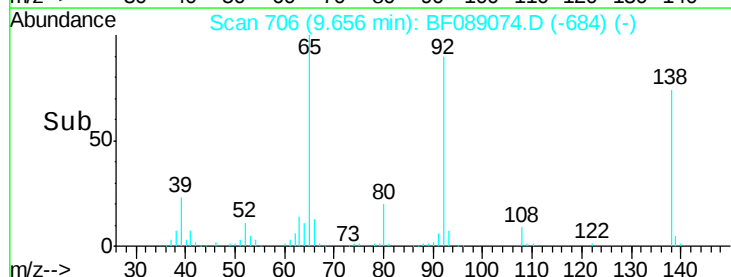
92 125.7 95.7 143.5

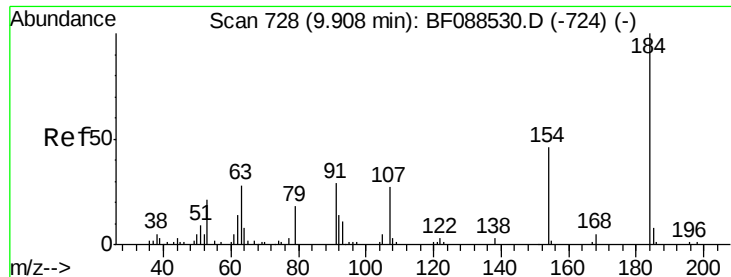


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

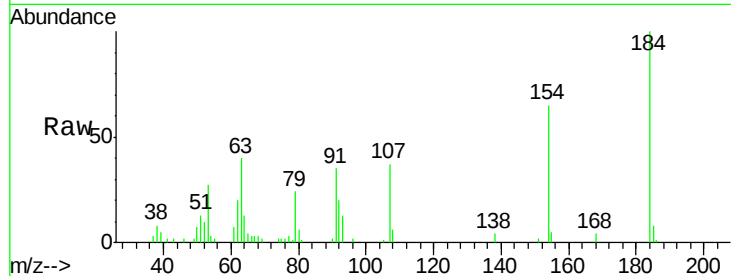




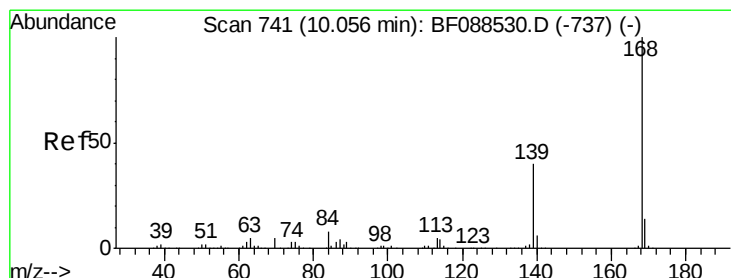
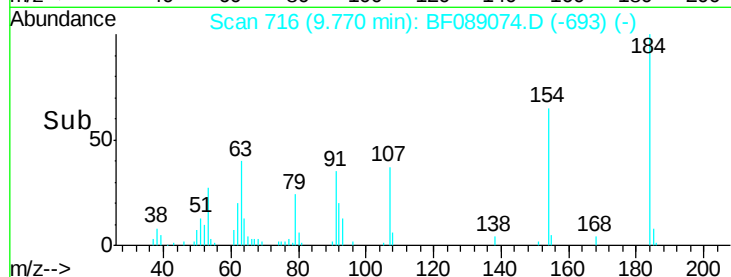
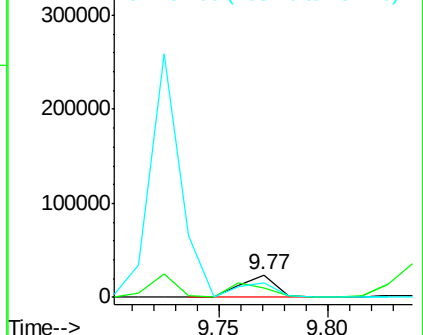
#53
2,4-Dinitrophenol
Concen: 36.47 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:184 Resp: 27982
Ion Ratio Lower Upper
184 100
63 39.6 57.6 86.4#
154 65.0 53.5 80.3

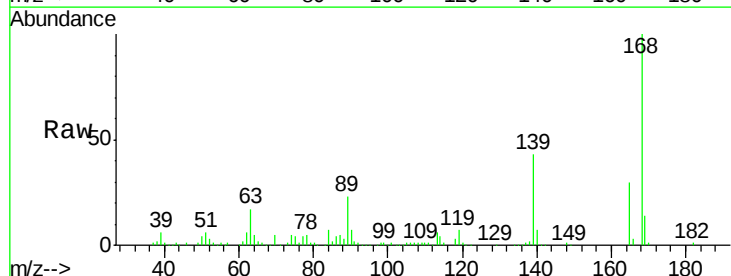


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

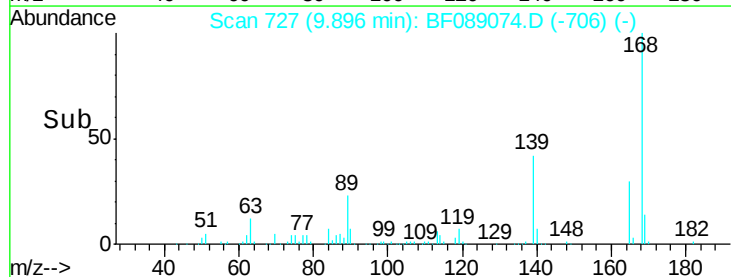
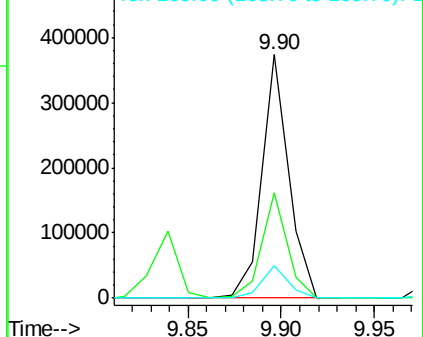


#54
Dibenzofuran
Concen: 40.20 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:168 Resp: 367184
Ion Ratio Lower Upper
168 100
139 43.2 26.4 39.6#
169 13.5 10.4 15.6



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





#55

4-Nitrophenol

Concen: 60.74 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

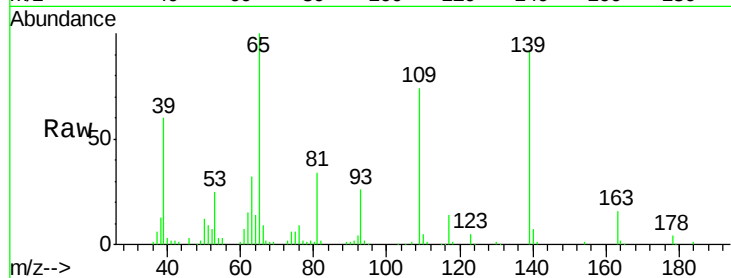
Tot Ion:139 Resp: 101981

Ion Ratio Lower Upper

139 100

109 80.6 48.9 88.9

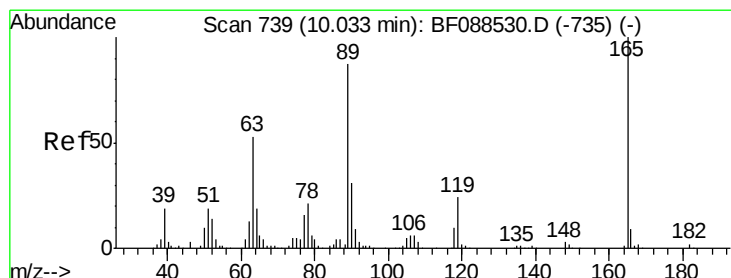
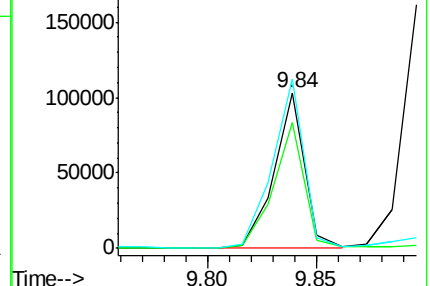
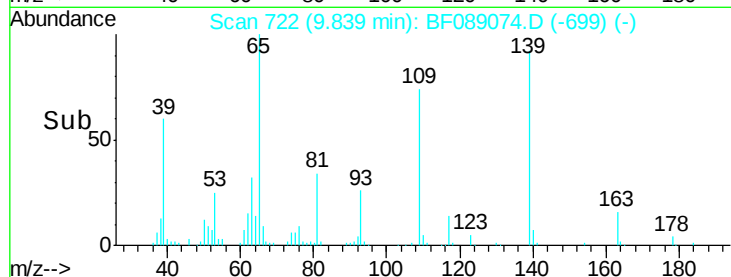
65 109.1 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.10 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Tgt Ion:165 Resp: 111560

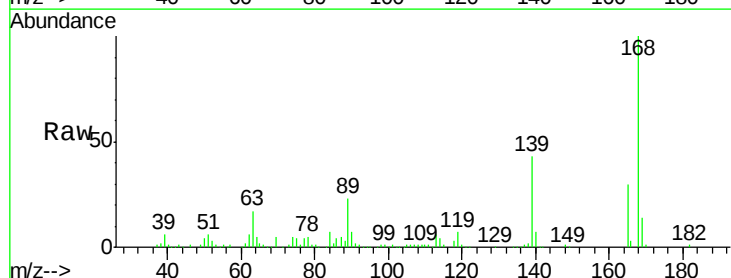
Ion Ratio Lower Upper

165 100

63 56.0 22.0 33.0#

89 78.0 41.1 61.7#

182 2.6 2.0 3.0

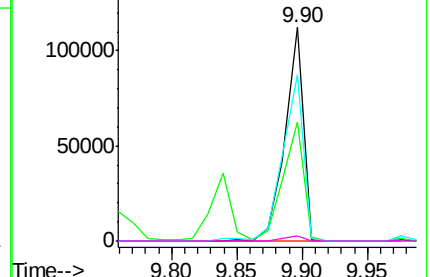
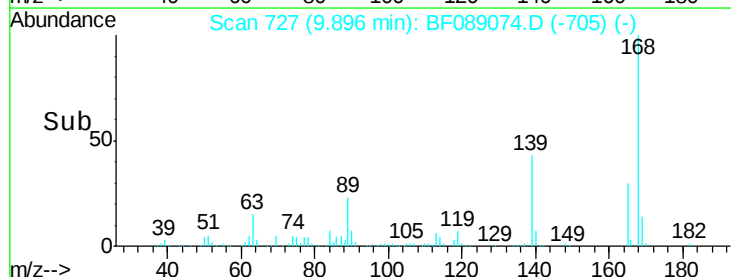


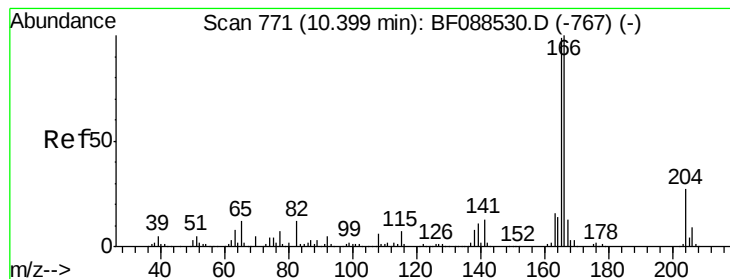
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.13 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

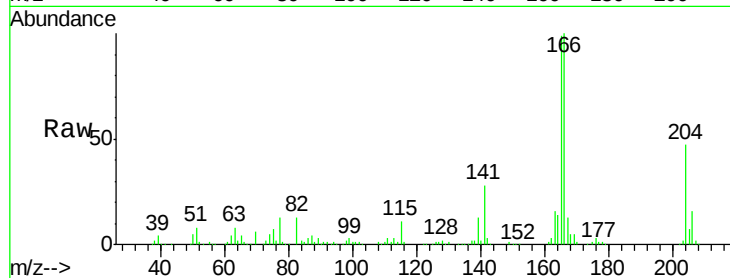
Tot Ion:166 Resp: 303583

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

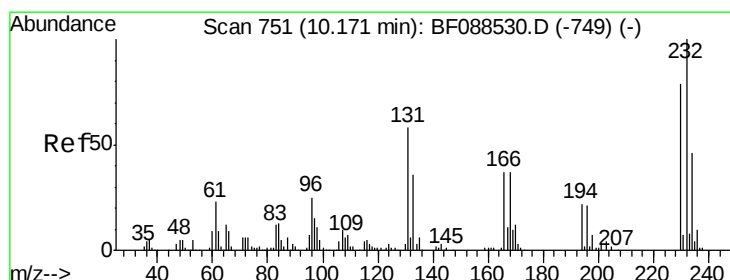
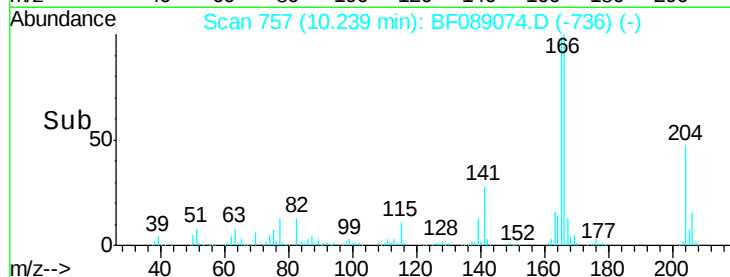
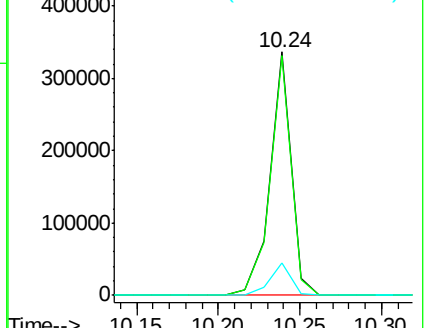
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.99 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Tgt Ion:232 Resp: 70682

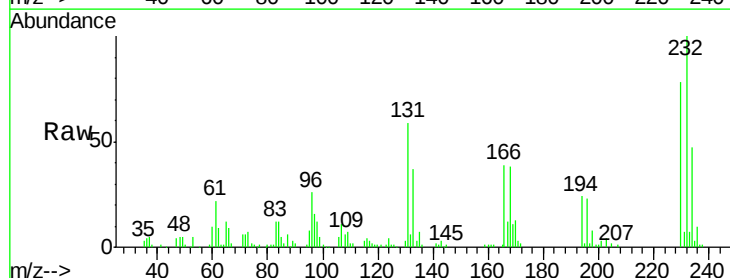
Ion Ratio Lower Upper

232 100

131 58.2 0.9 1.3#

130 2.8 1.5 2.3#

166 37.8 0.5 0.7#

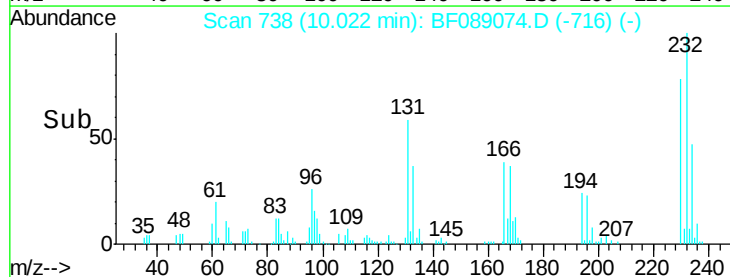
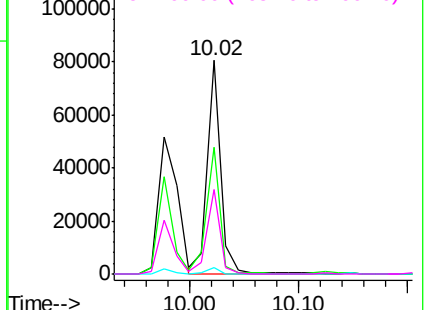


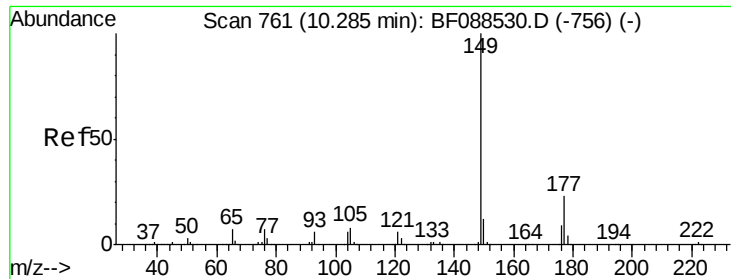
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

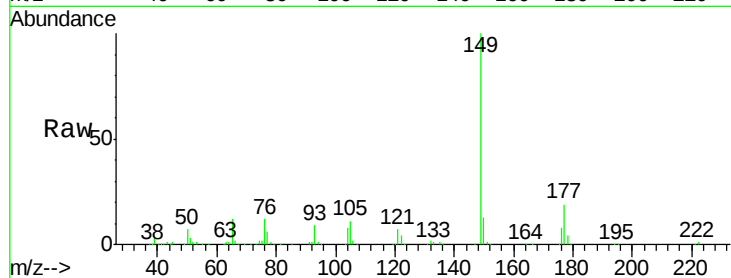




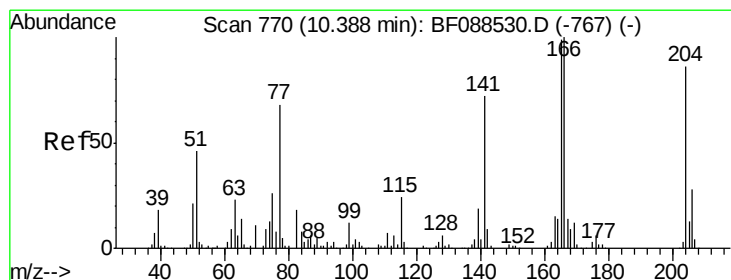
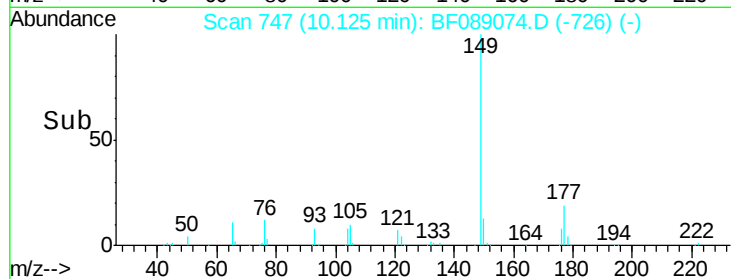
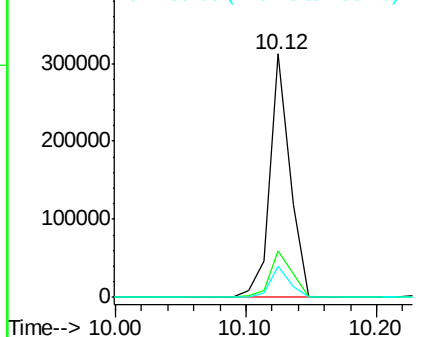
#59
Diethylphthalate
Concen: 42.36 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:149 Resp: 333317
Ion Ratio Lower Upper
149 100
177 18.9 16.9 25.3
150 12.5 10.1 15.1

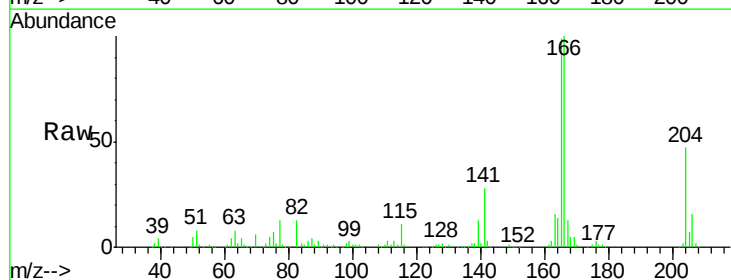


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

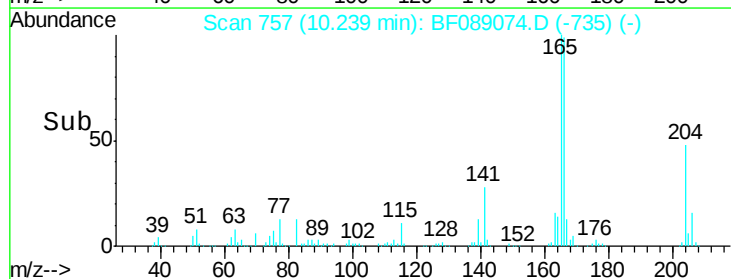
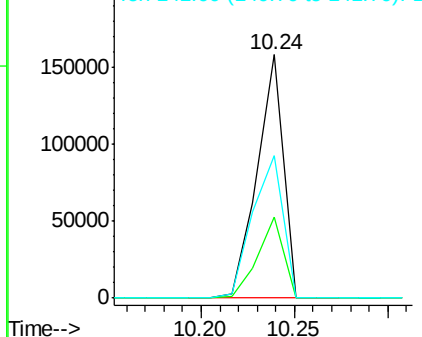


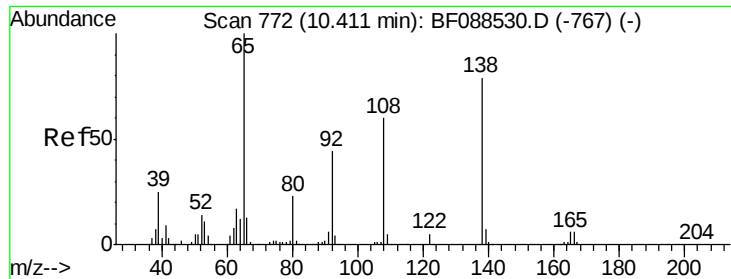
#60
4-Chlorophenyl-phenylether
Concen: 46.95 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:204 Resp: 153549
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 58.5 55.0 82.6



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

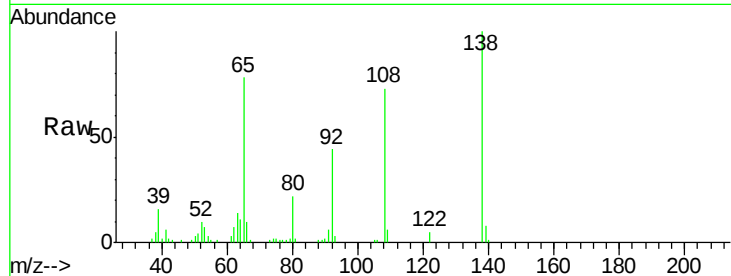




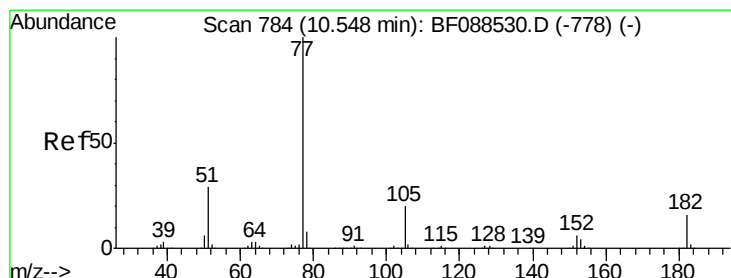
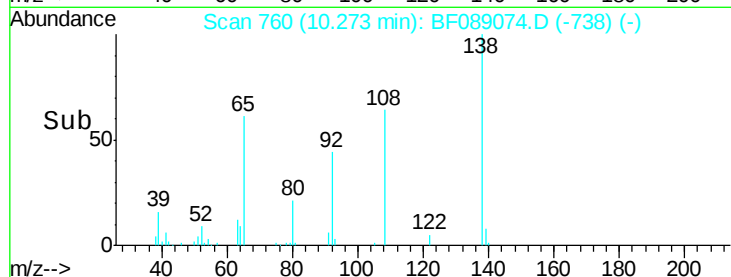
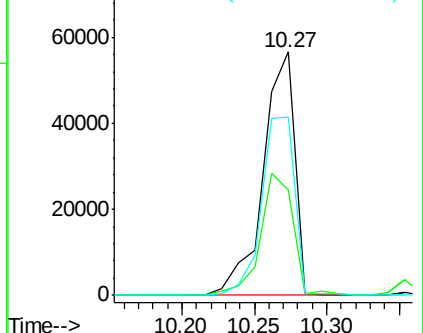
#61
4-Nitroaniline
Concen: 40.05 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:138 Resp: 85148
Ion Ratio Lower Upper
138 100
92 43.5 27.3 67.3
108 73.2 46.7 86.7

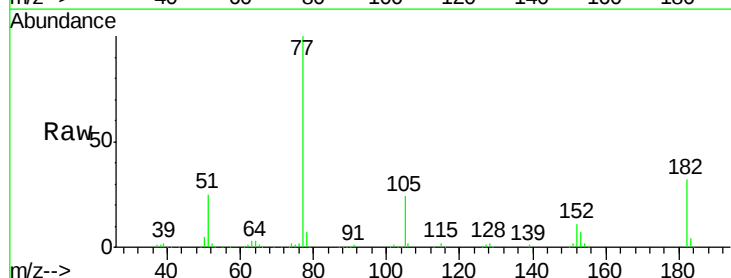


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

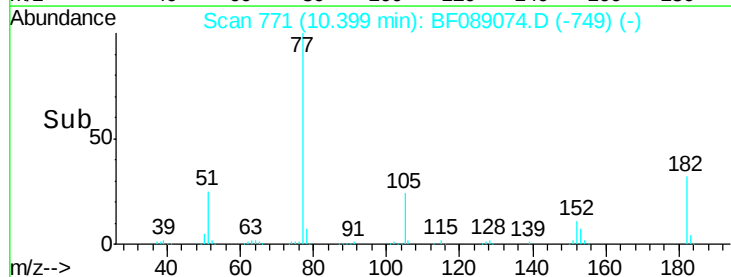
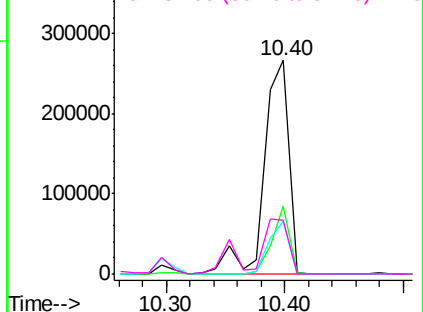


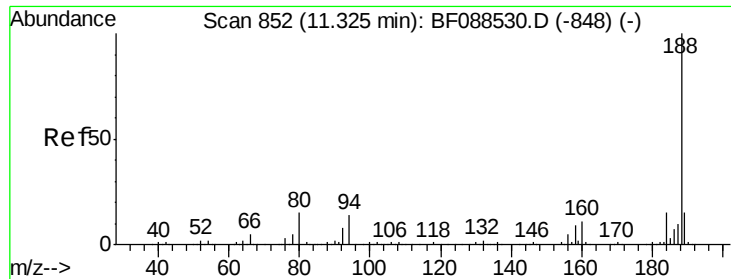
#62
Azobenzene
Concen: 43.19 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion: 77 Resp: 387688
Ion Ratio Lower Upper
77 100
182 31.7 4.4 44.4
105 24.5 3.8 43.8
51 25.0 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

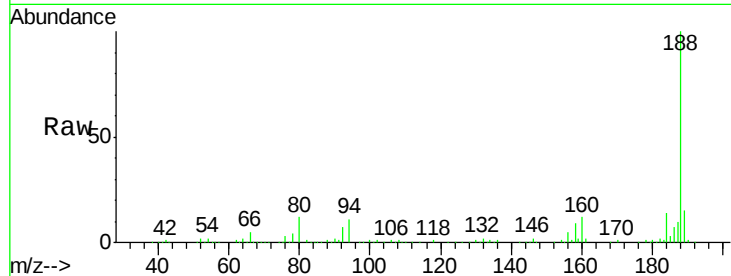




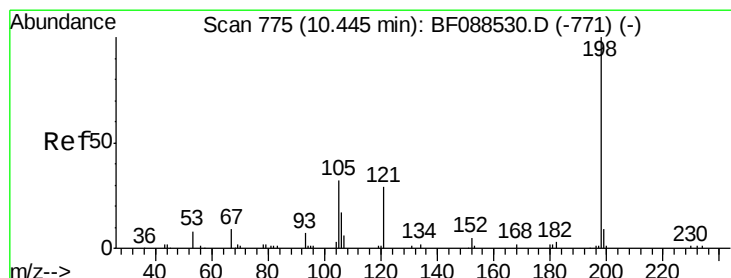
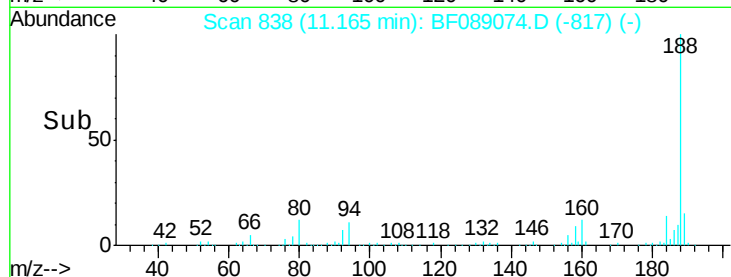
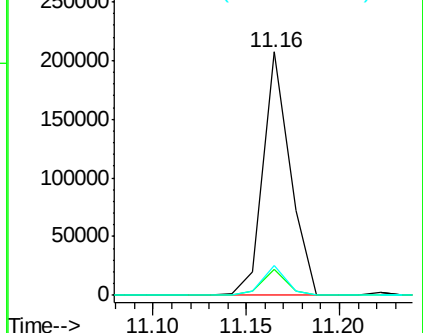
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:188 Resp: 206844
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 12.5 10.0 15.0

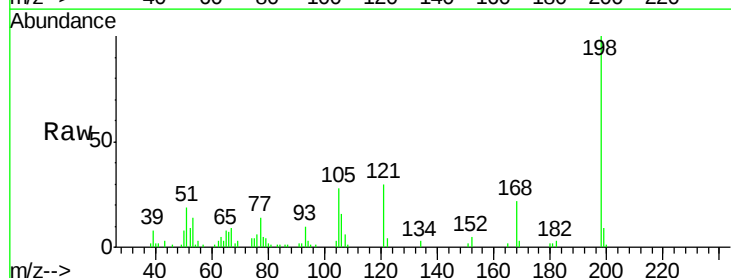


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

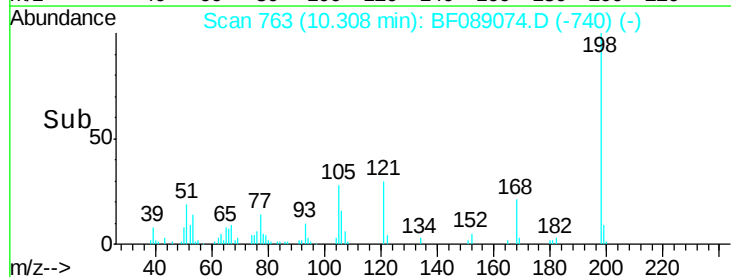
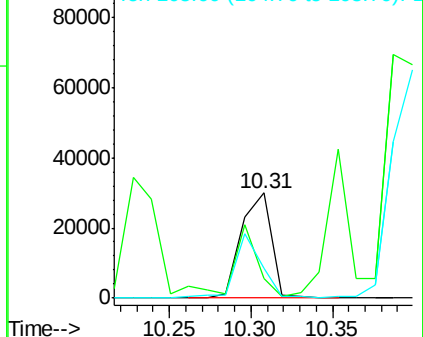


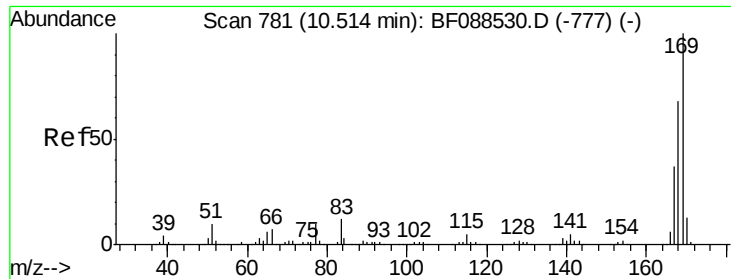
#64
4,6-Dinitro-2-methylphenol
Concen: 34.67 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:198 Resp: 38360
Ion Ratio Lower Upper
198 100
51 18.7 39.6 79.6#
105 28.3 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

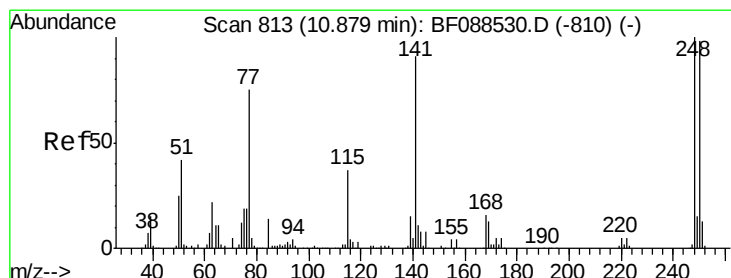
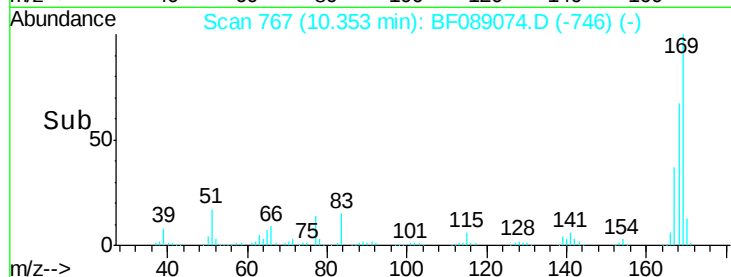
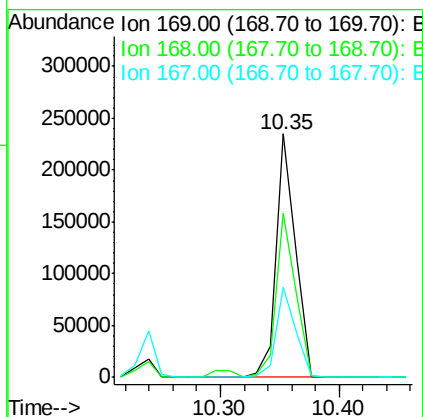
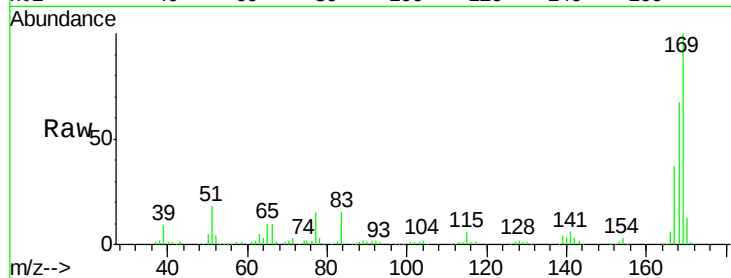




#65
 n-Nitrosodiphenylamine
 Concen: 37.54 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

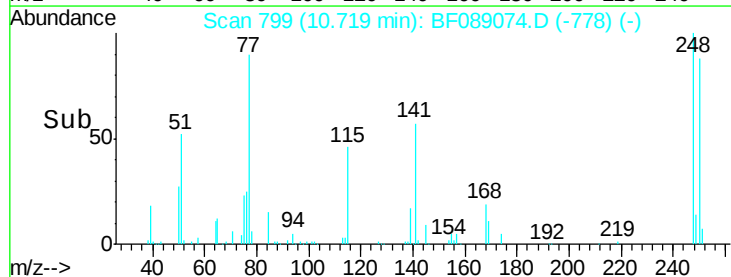
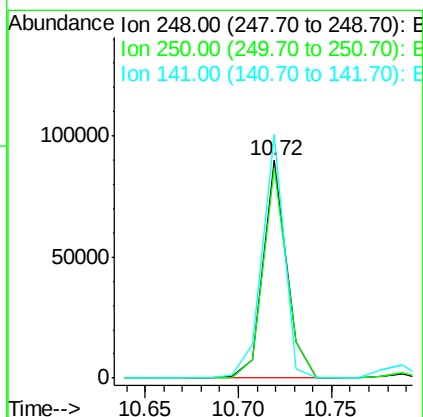
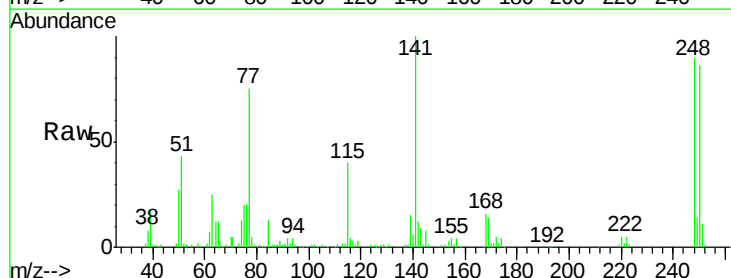
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion:169 Resp: 262829
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.4 80.0
 167 36.8 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 37.16 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:248 Resp: 77458
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 111.7 50.6 76.0#

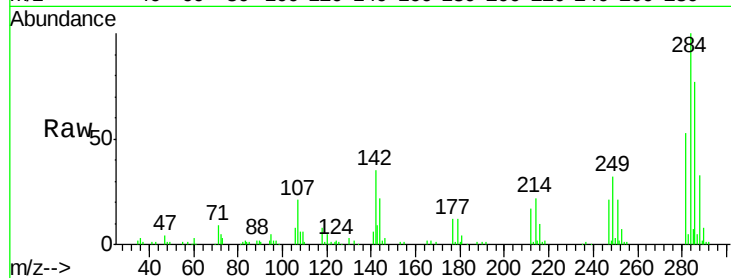




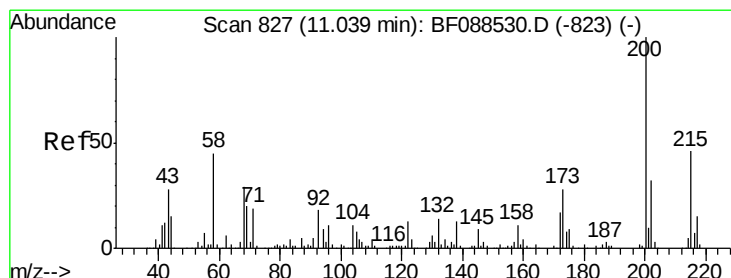
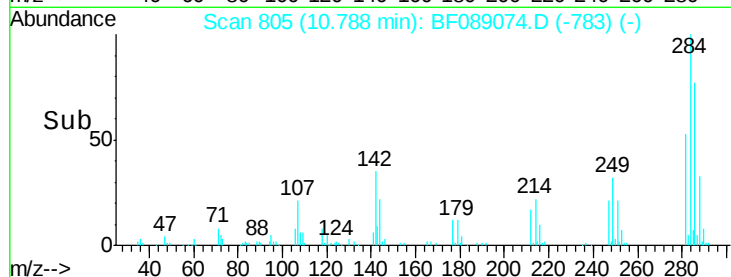
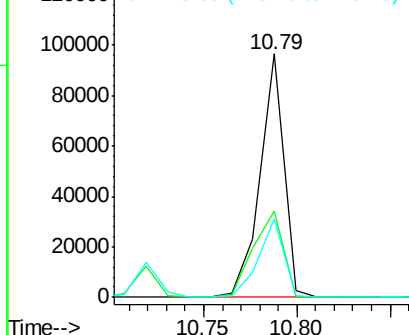
#67
Hexachlorobenzene
Concen: 36.87 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:284 Resp: 85071
Ion Ratio Lower Upper
284 100
142 35.4 35.8 53.8#
249 32.4 25.8 38.6

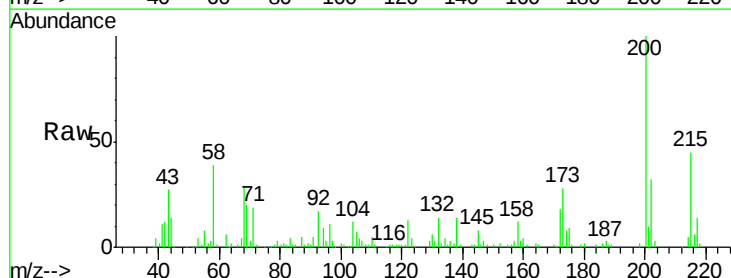


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

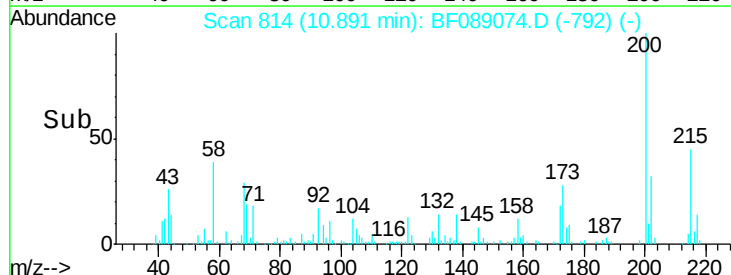
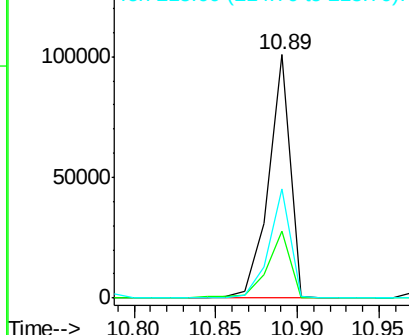


#68
Atrazine
Concen: 42.94 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:200 Resp: 93660
Ion Ratio Lower Upper
200 100
173 27.7 4.0 44.0
215 45.0 29.3 69.3



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

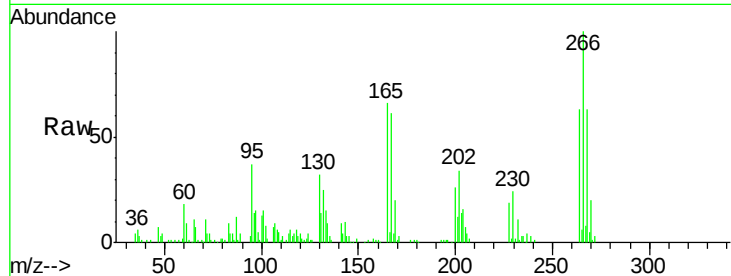




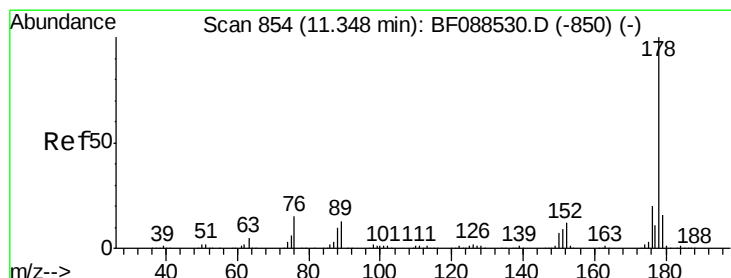
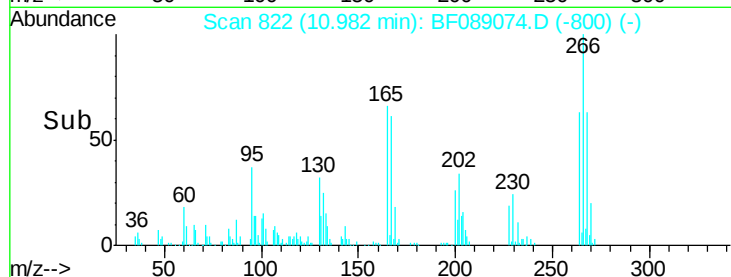
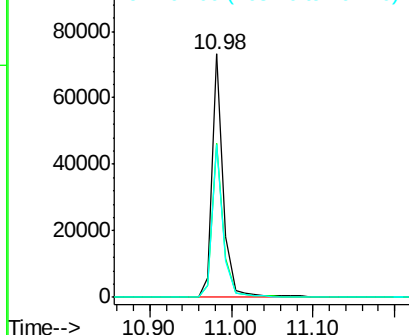
#69
 Pentachlorophenol
 Concen: 52.35 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion:266 Resp: 71486
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.8 79.2
 264 62.8 49.6 74.4

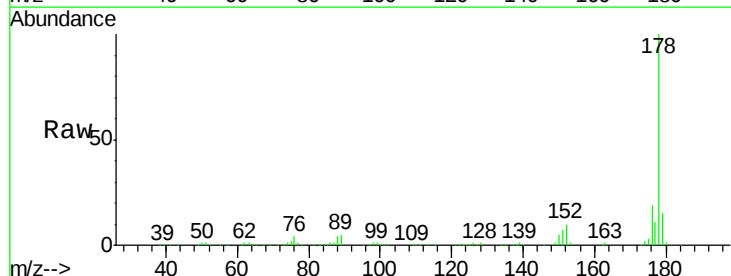


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

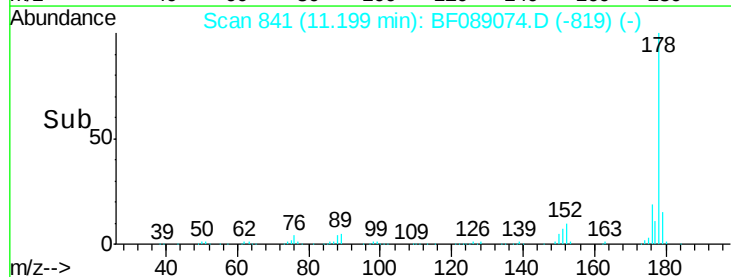
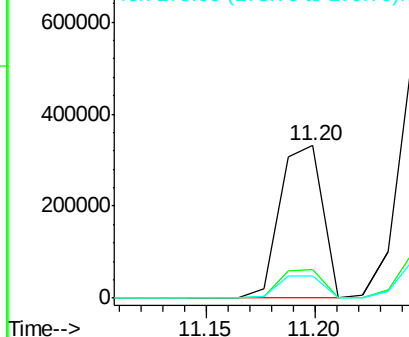


#70
 Phenanthrene
 Concen: 40.23 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:178 Resp: 454862
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.6
 179 14.8 13.0 19.4



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

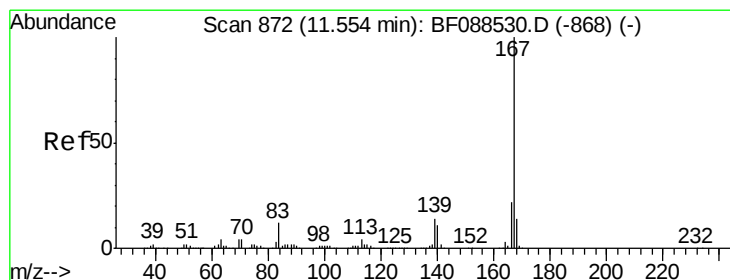
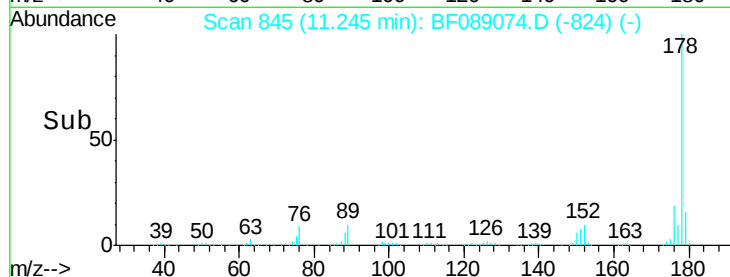
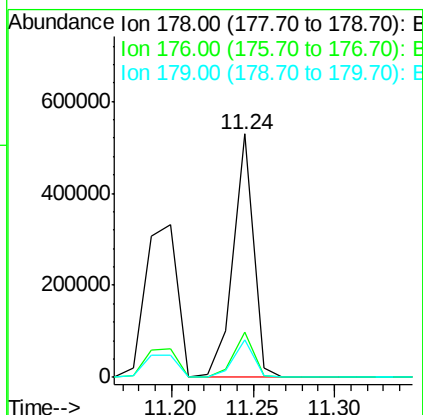
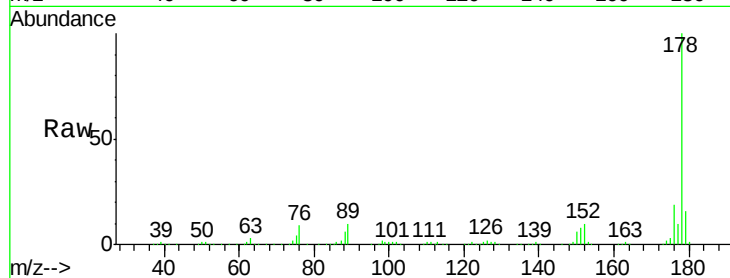




#71
 Anthracene
 Concen: 40.28 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

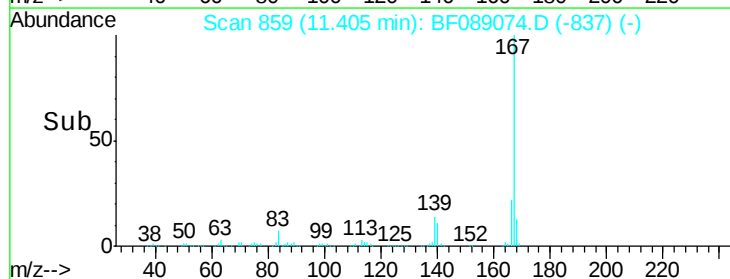
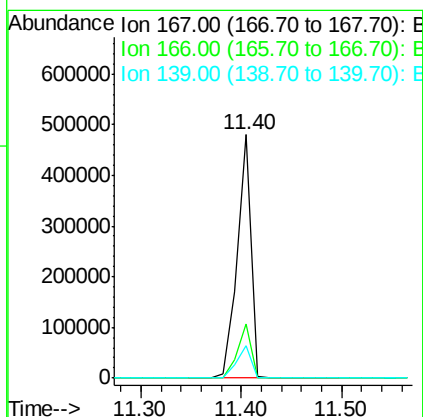
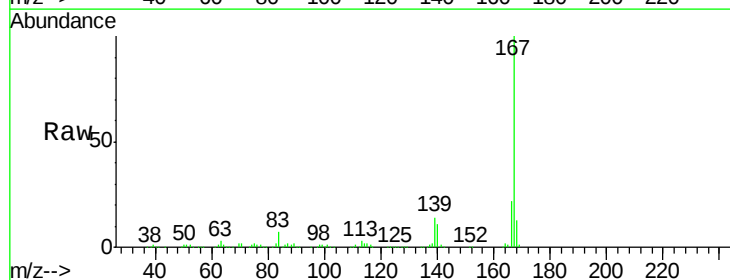
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion:178 Resp: 452811
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 43.16 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:167 Resp: 456664
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 42.31 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

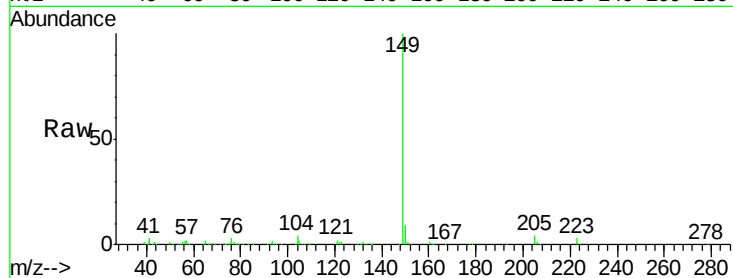
Tot Ion:149 Resp: 520810

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

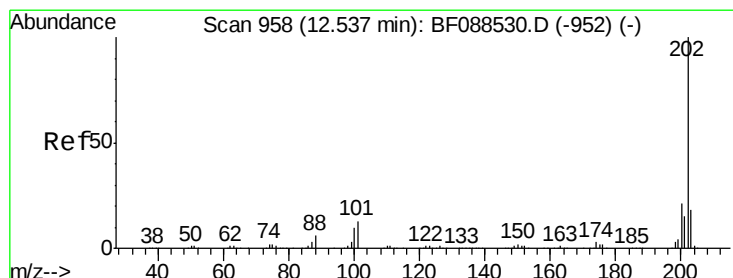
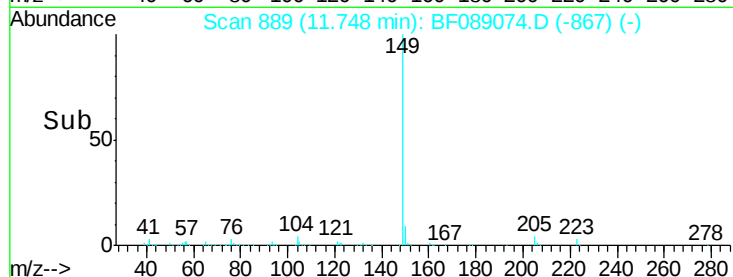
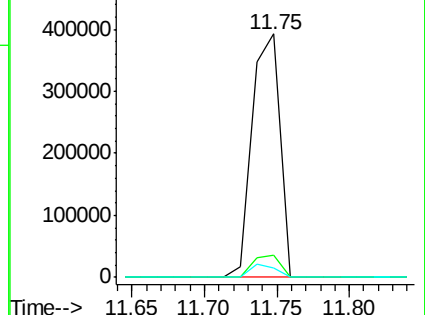
104 3.9 4.0 6.0#



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: 40.17 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

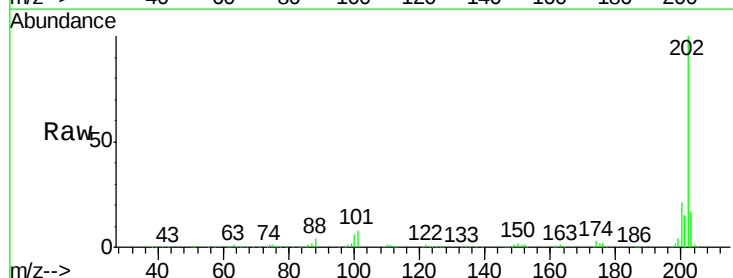
Tgt Ion:202 Resp: 460452

Ion Ratio Lower Upper

202 100

101 8.4 0.0 33.1

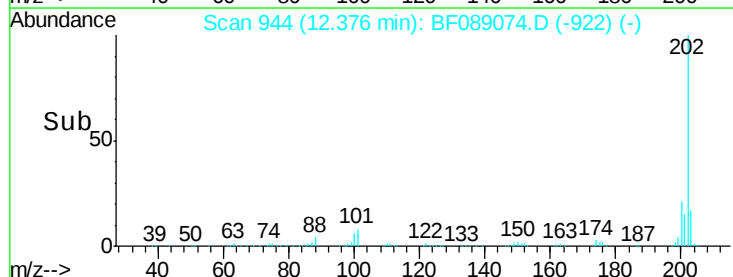
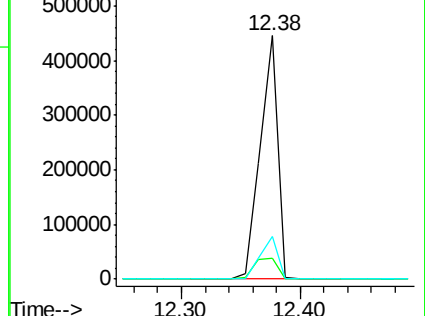
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

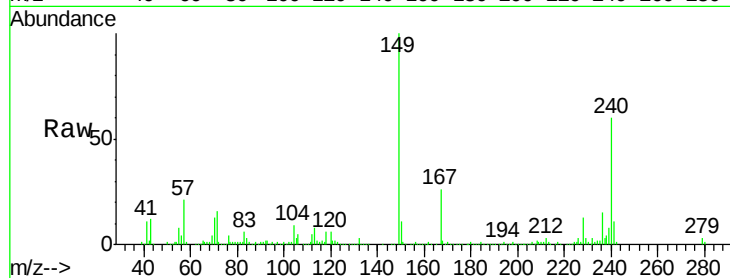
Tot Ion:240 Resp: 135766

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

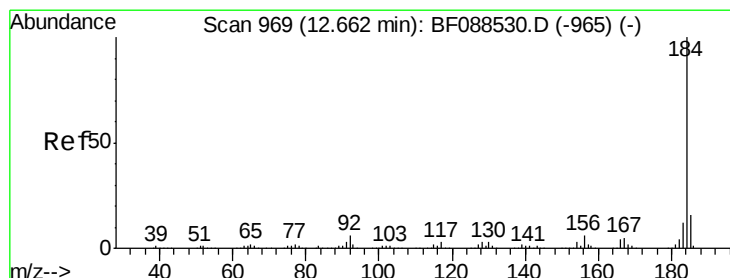
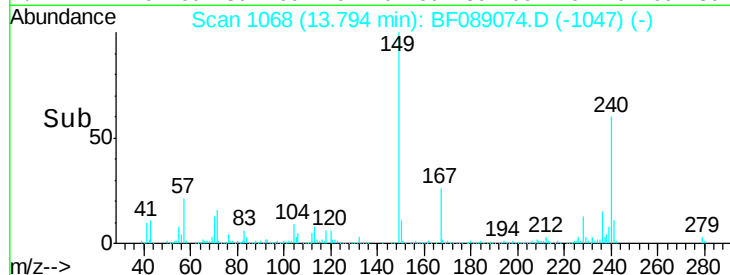
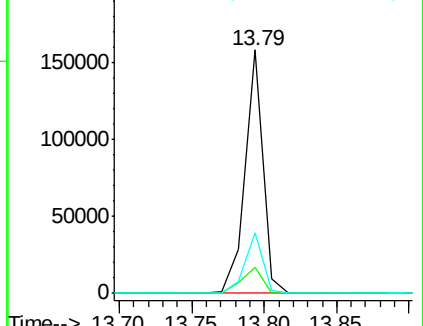
236 25.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.23 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

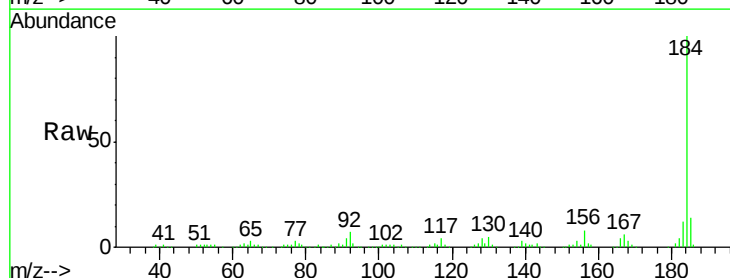
Tgt Ion:184 Resp: 221184

Ion Ratio Lower Upper

184 100

185 13.7 12.5 18.7

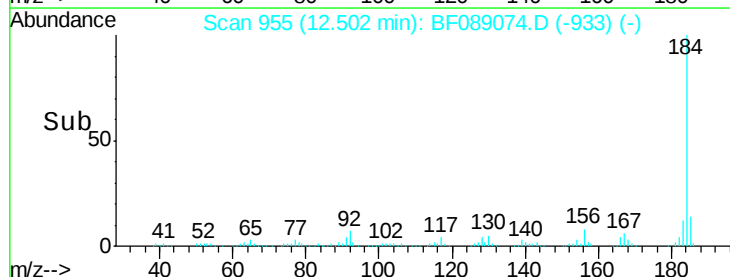
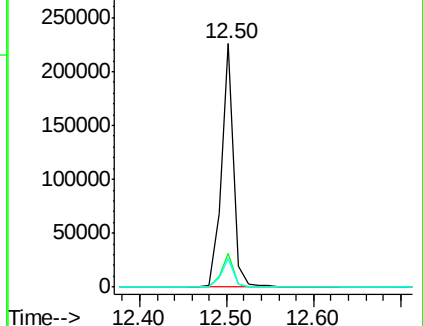
183 11.8 9.3 13.9

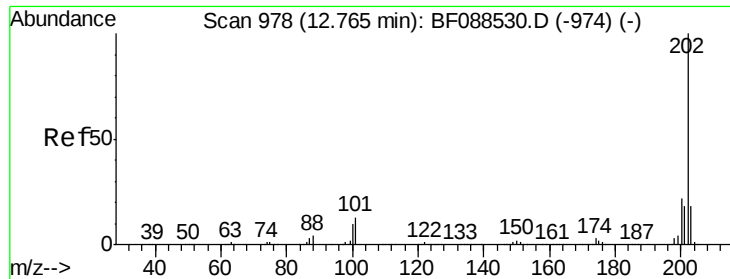


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

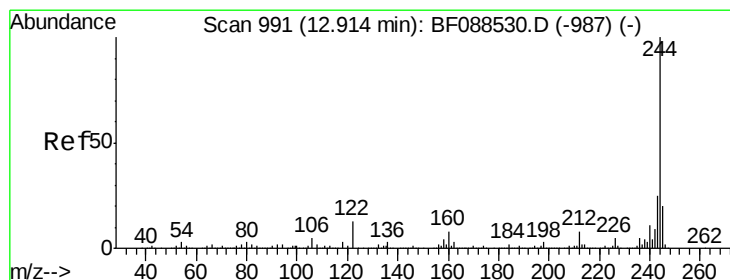
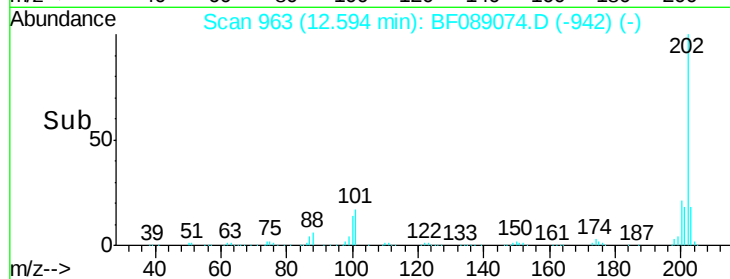
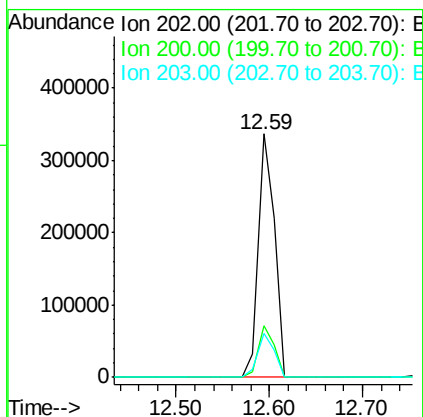
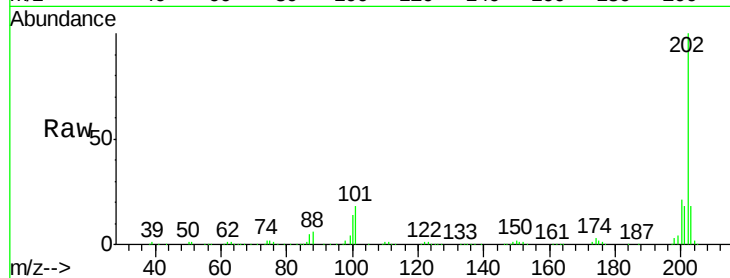




#77
Pvrene
Concen: 35.39 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.06 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

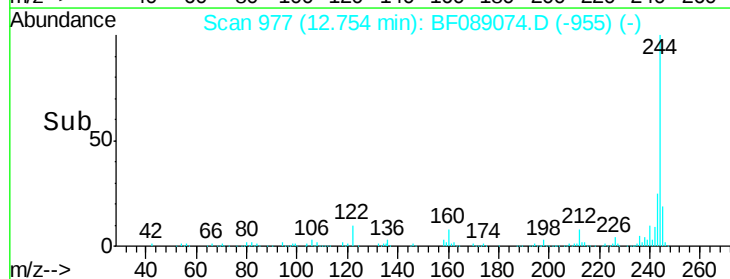
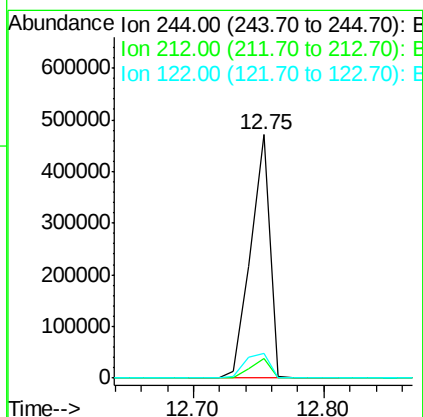
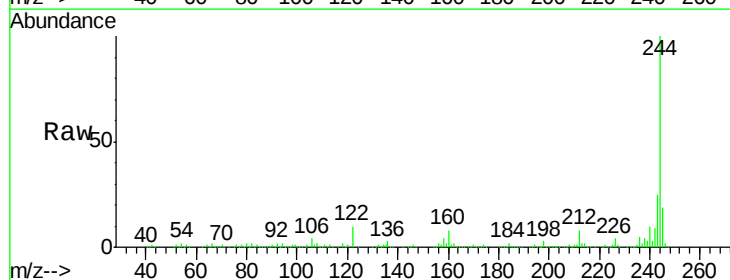
Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:202 Resp: 407359
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.2 14.5 21.7



#78
Terphenyl-d14
Concen: 79.65 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:244 Resp: 485504
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 10.4 11.2 16.8#





#79

Butylbenzylphthalate

Concen: 36.13 ng

RT: 13.22 min Scan# 1018

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

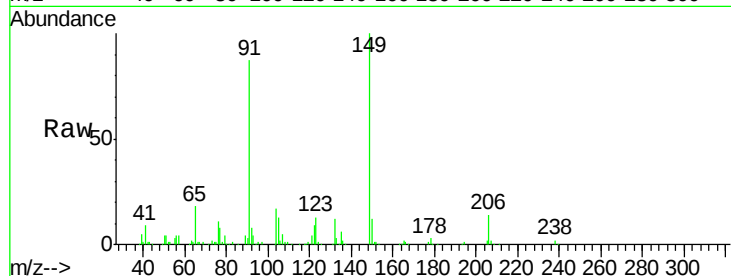
Tot Ion:149 Resp: 185522

Ion Ratio Lower Upper

149 100

91 87.5 48.0 72.0#

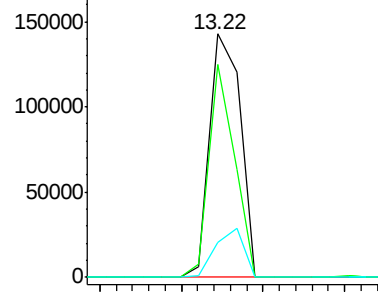
206 14.4 16.0 24.0#



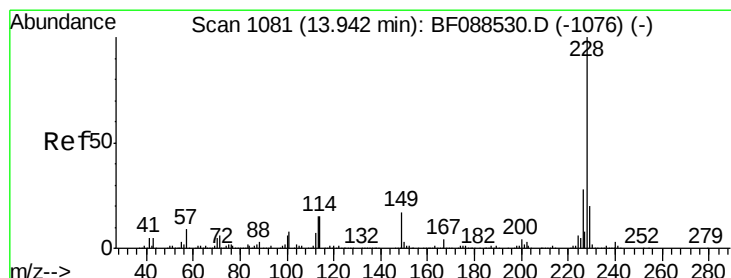
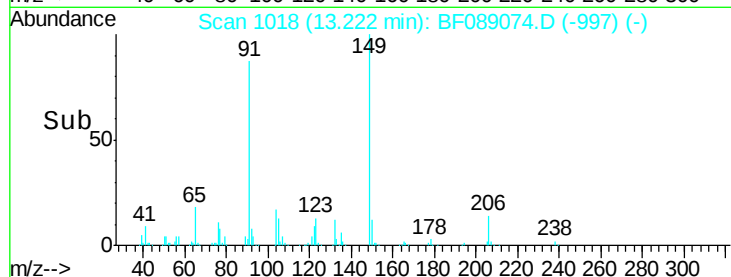
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time--> 13.15 13.20 13.25 13.30



#80

Benzo(a)anthracene

Concen: 36.85 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

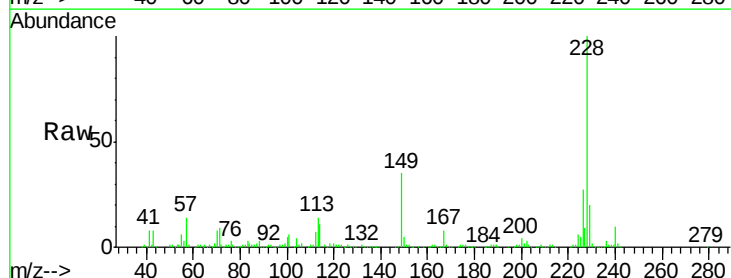
Tgt Ion:228 Resp: 322123

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

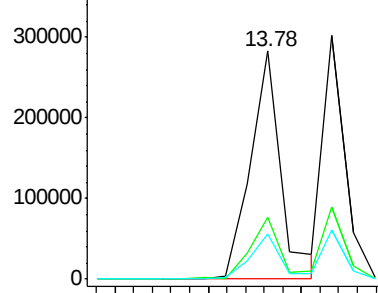
229 19.8 16.0 24.0



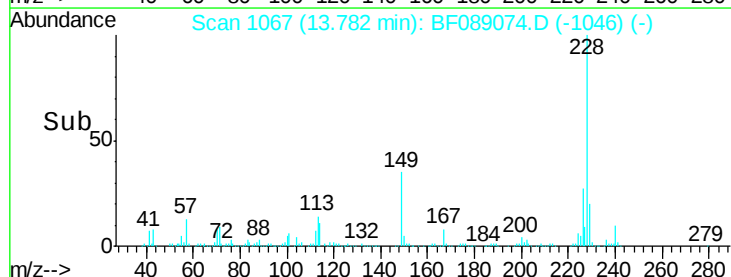
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.70 13.75 13.80

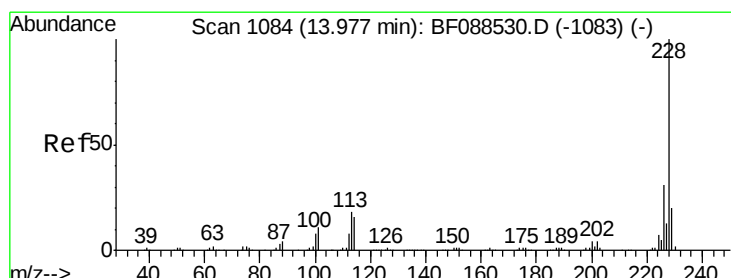
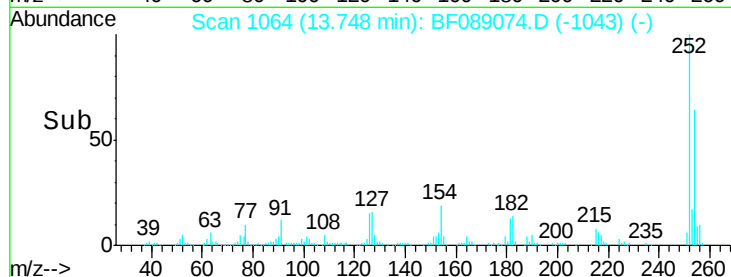
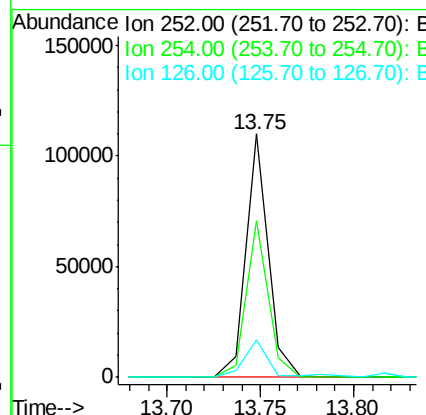
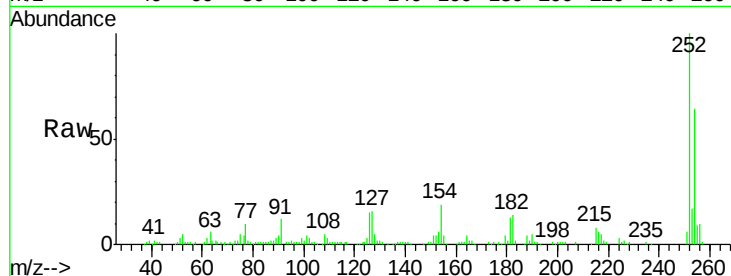




#81
 3,3'-Dichlorobenzidine
 Concen: 27.85 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

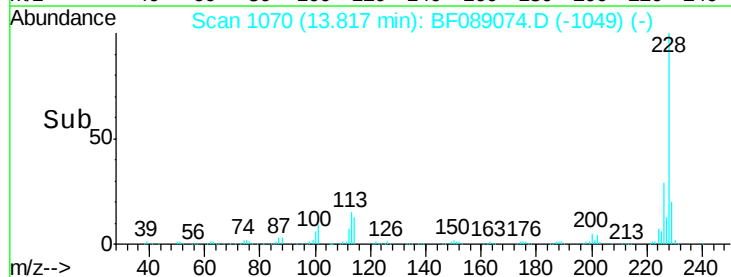
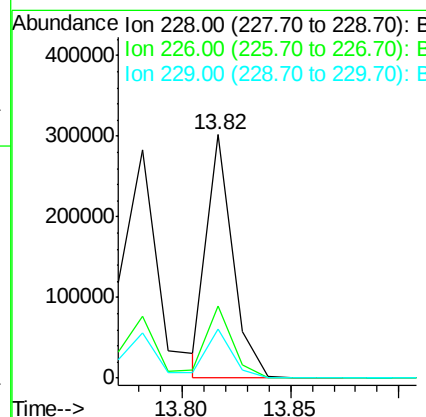
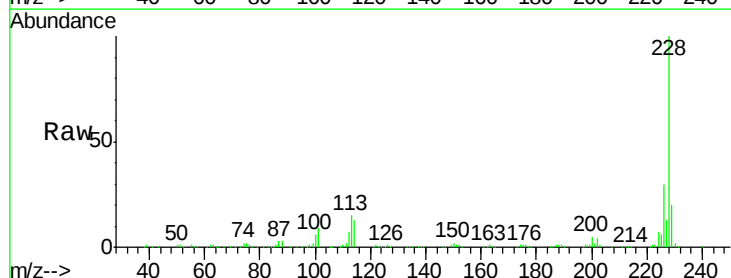
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion:252 Resp: 91537
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.6 78.8
 126 15.3 6.2 9.2#



#82
 Chrysene
 Concen: 28.59 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:228 Resp: 247277
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.4 38.2
 229 20.0 16.3 24.5

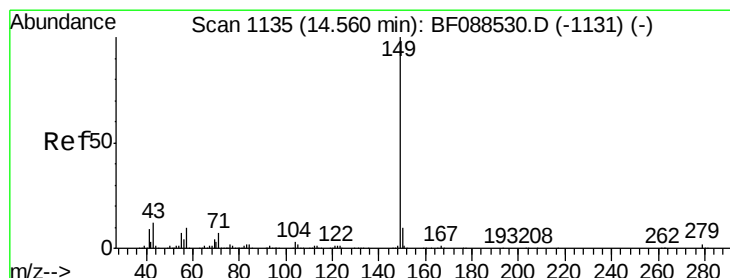
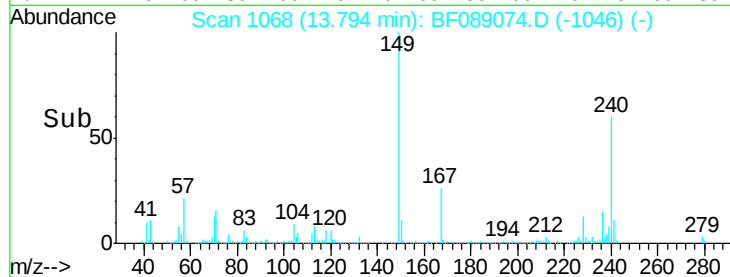
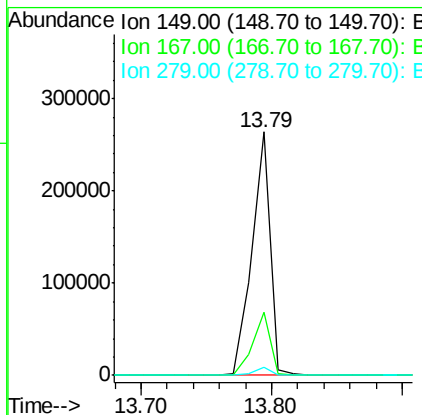
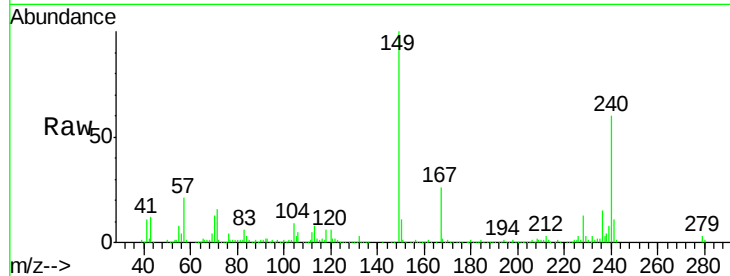




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.84 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.05 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

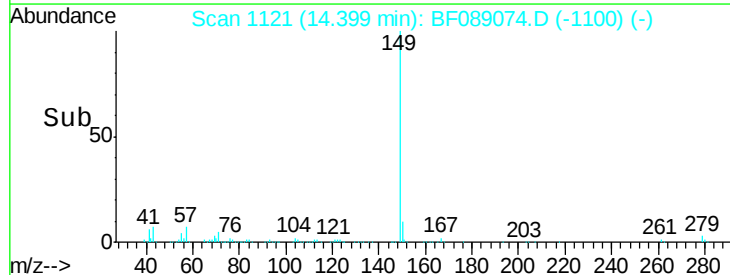
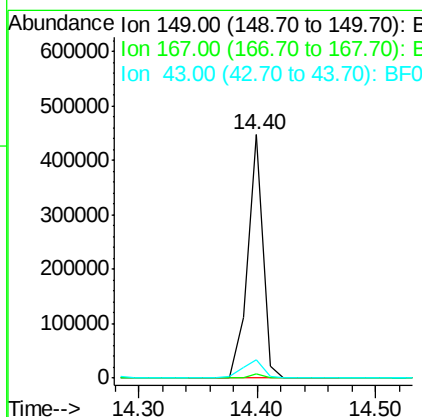
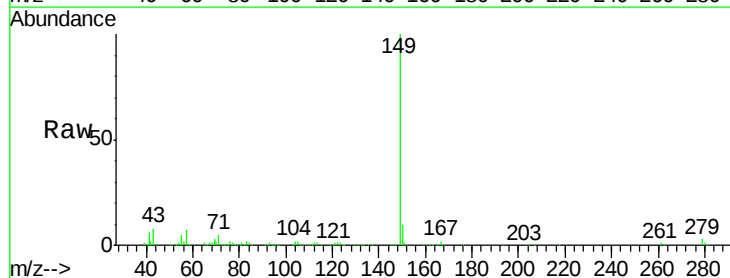
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

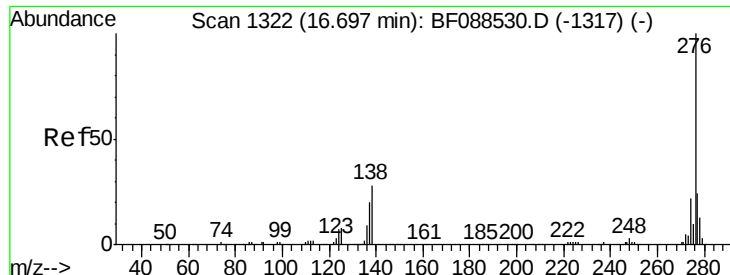
Tot Ion:149 Resp: 256999
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.5 30.7
 279 3.3 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 40.49 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:149 Resp: 403260
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 9.0 0.0 0.0#

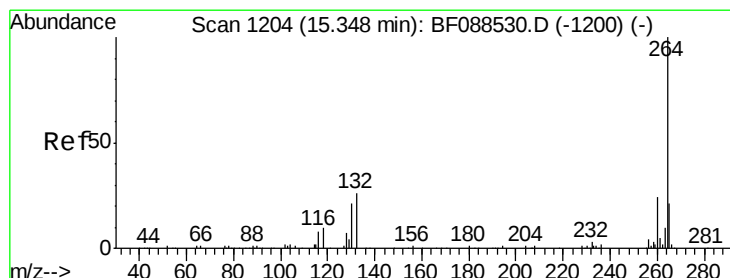
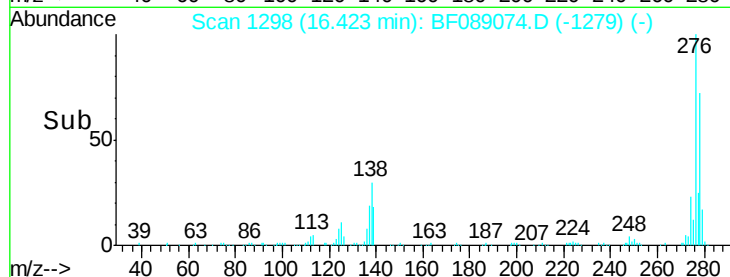
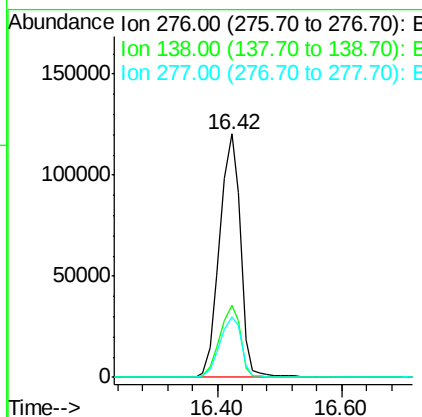
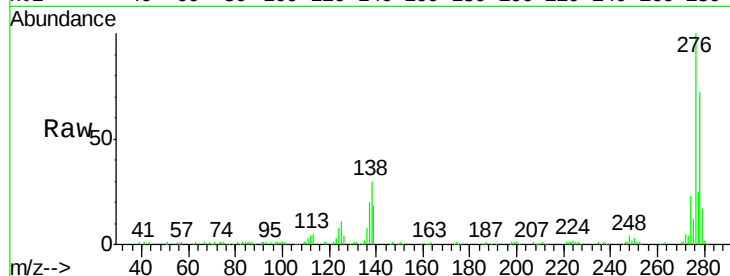




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.08 ng
 RT: 16.42 min Scan# 1298
 Delta R.T. -0.08 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

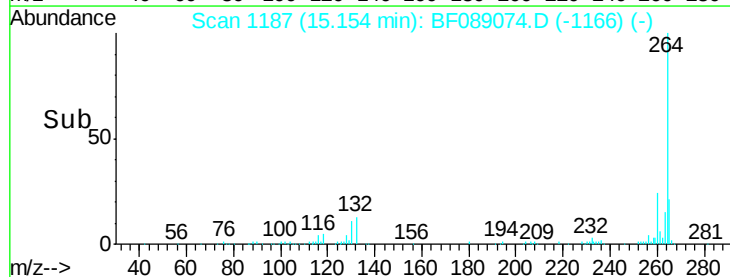
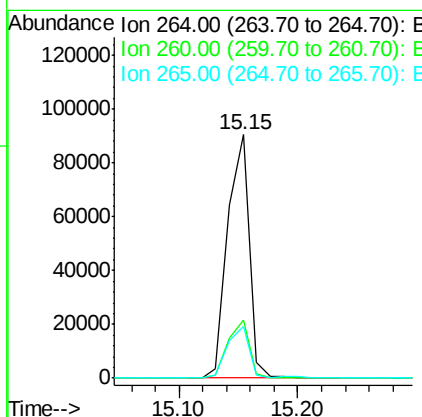
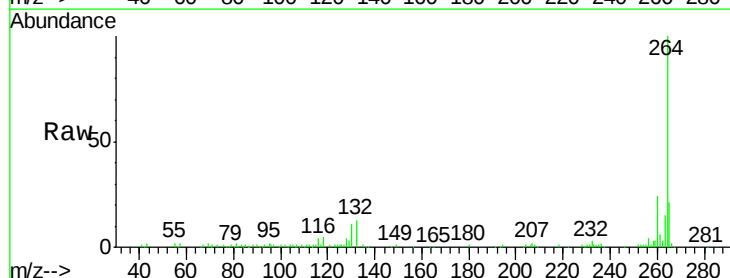
Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion:276 Resp: 280028
 Ion Ratio Lower Upper
 276 100
 138 29.3 0.0 0.0#
 277 25.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. -0.06 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Tgt Ion:264 Resp: 114108
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.0 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 49.89 ng m

RT: 14.78 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

Instrument :

BNA_F

ClientSampleId :

M9-B3(0-12)CMS

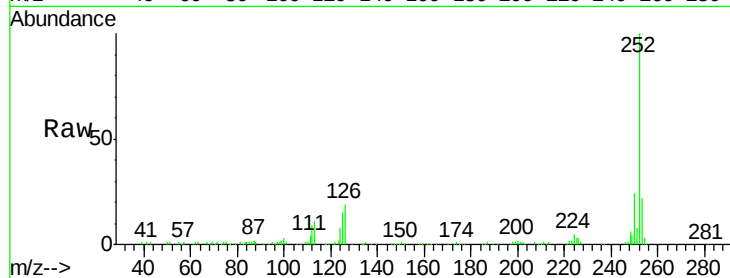
Tot Ion:252 Resp: 357139

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

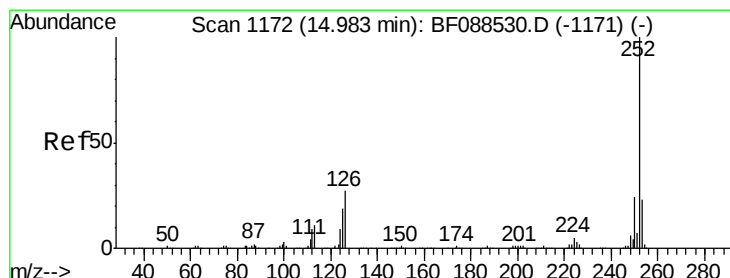
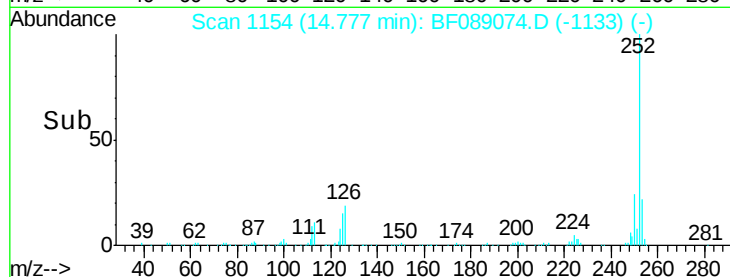
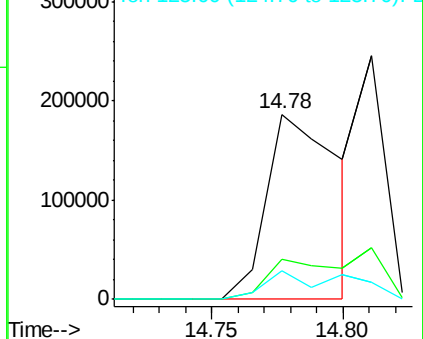
125 15.5 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.31 ng m

RT: 14.81 min Scan# 1157

Delta R.T. -0.06 min

Lab File: BF089074.D

Acq: 17 Jul 2016 13:11

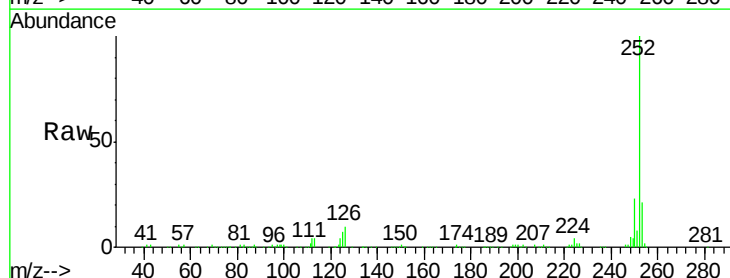
Tgt Ion:252 Resp: 176437

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

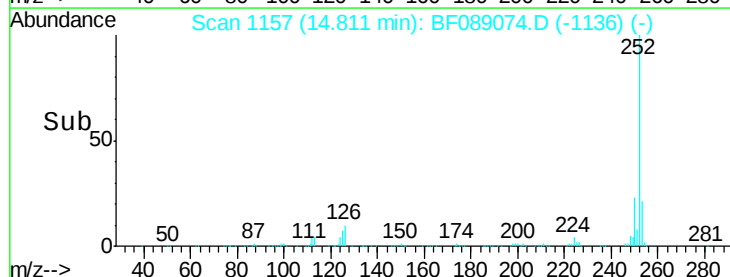
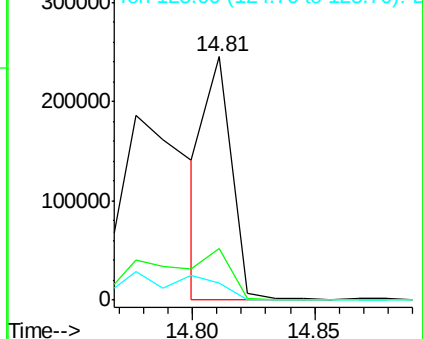
125 7.2 11.2 16.8#

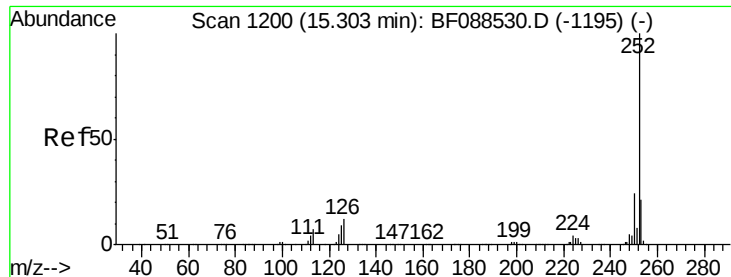


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

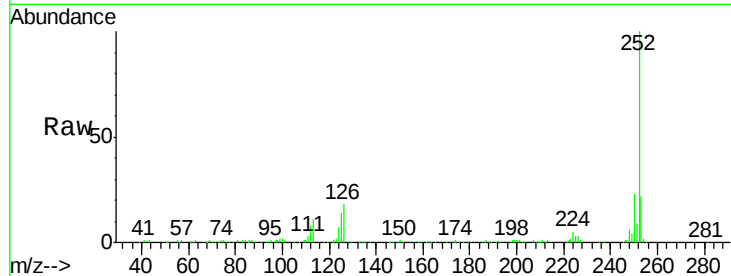




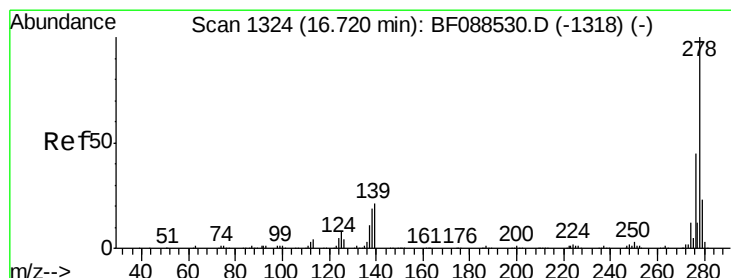
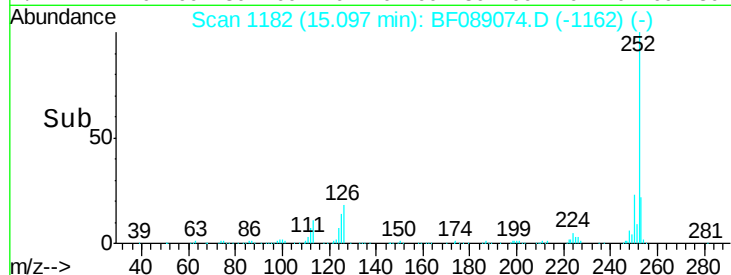
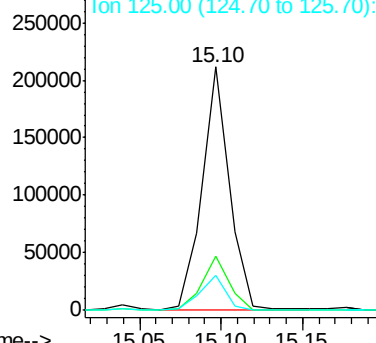
#89
Benzo(a)pyrene
Concen: 40.15 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.07 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMS

Tot Ion:252 Resp: 243304
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 14.5 12.5 18.7

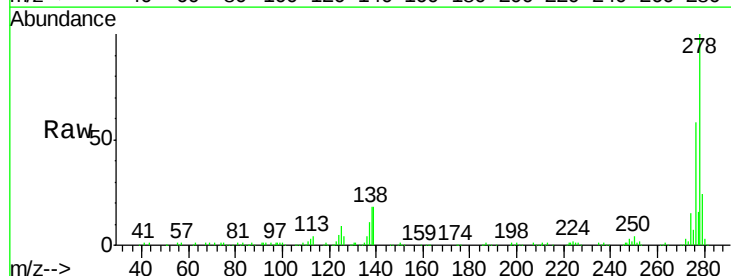


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

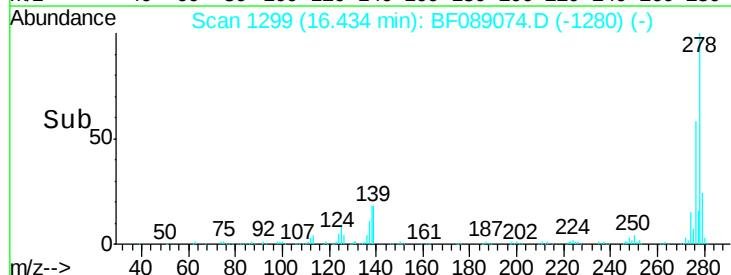
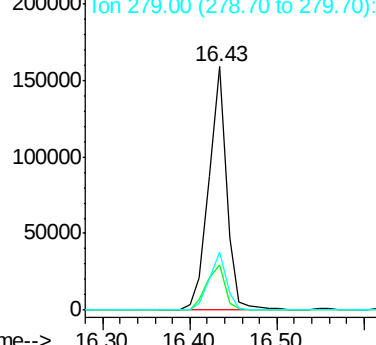


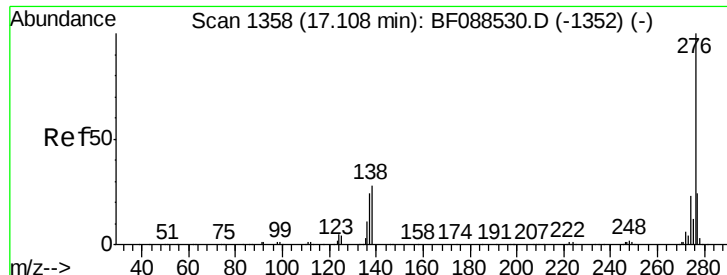
#90
Dibenzo(a,h)anthracene
Concen: 44.81 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.08 min
Lab File: BF089074.D
Acq: 17 Jul 2016 13:11

Tgt Ion:278 Resp: 226788
Ion Ratio Lower Upper
278 100
139 18.3 15.7 23.5
279 24.1 19.4 29.2



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

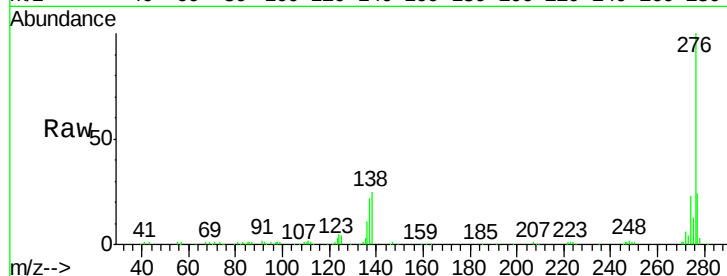




#91
 Benzo(a,h,i)perylene
 Concen: 43.98 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. -0.09 min
 Lab File: BF089074.D
 Acq: 17 Jul 2016 13:11

Instrument :
 BNA_F
 ClientSampleId :
 M9-B3(0-12)CMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.4	21.4	32.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

