

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088781.D
 Acq On : 7 Jul 2016 15:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 08 01:39:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107094	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	423916	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	196755	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	361310	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	260995	20.00	ng	-0.03
86) Perylene-d12	15.27	264	243724	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	498590	69.77	ng	-0.05
7) Phenol-d6	6.39	99	686079	74.31	ng	-0.02
23) Nitrobenzene-d5	7.31	82	610768	75.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	181172	99.16	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	958415	76.94	ng	-0.03
78) Terphenyl-d14	12.85	244	979274	83.57	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	120535	34.02	ng	# 36
3) Pyridine	2.95	79	346601	33.72	ng	92
4) n-Nitrosodimethylamine	2.91	42	128030	32.60	ng	90
6) Aniline	6.41	93	473732	35.21	ng	99
8) 2-Chlorophenol	6.52	128	283035	36.85	ng	100
9) Benzaldehyde	6.28	77	197299	31.55	ng	90
10) Phenol	6.40	94	412289	39.12	ng	# 61
11) bis(2-Chloroethyl)ether	6.48	93	287115	36.54	ng	92
12) 1,3-Dichlorobenzene	6.68	146	342077	40.48	ng	97
13) 1,4-Dichlorobenzene	6.76	146	336008	40.06	ng	97
14) 1,2-Dichlorobenzene	6.76	146	336008	42.79	ng	98
15) Benzyl Alcohol	6.89	79	247511	36.42	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	349473	30.71	ng	88
17) 2-Methylphenol	7.00	107	230621	36.81	ng	96
18) Hexachloroethane	7.26	117	128942	39.74	ng	# 87
19) n-Nitroso-di-n-propylamine	7.18	70	234828	37.86	ng	# 84
20) 3+4-Methylphenols	7.16	107	274102	36.45	ng	# 83
22) Acetophenone	7.16	105	436851	42.46	ng	# 90
24) Nitrobenzene	7.34	77	332313	40.74	ng	100
25) Isophorone	7.58	82	582797	38.89	ng	97
26) 2-Nitrophenol	7.64	139	146954	43.94	ng	96
27) 2,4-Dimethylphenol	7.69	122	256698	36.85	ng	88
28) bis(2-Chloroethoxy)methane	7.79	93	374683	38.42	ng	98
29) 2,4-Dichlorophenol	7.88	162	222335	39.49	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	270820	43.84	ng	98
31) Naphthalene	8.06	128	872713	41.76	ng	99
32) Benzoic acid	7.84	122	186904	36.96	ng	90
33) 4-Chloroaniline	8.10	127	395079	42.49	ng	98
34) Hexachlorobutadiene	8.17	225	140503	42.47	ng	99
35) Caprolactam	8.49	113	74597	39.01	ng	# 88
36) 4-Chloro-3-methylphenol	8.59	107	300355	45.12	ng	97
37) 2-Methylnaphthalene	8.74	142	551287	40.97	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	307497	46.99	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	129296	40.25	ng	99

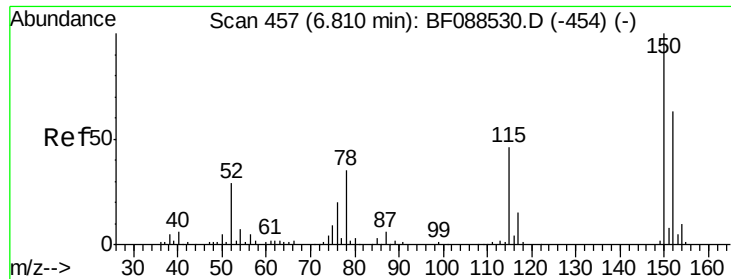
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	172593	40.00	ng	99
43) 2,4,5-Trichlorophenol	9.06	196	167818	45.21	ng	# 92
45) 1,1'-Biphenyl	9.21	154	725085	44.50	ng	97
46) 2-Chloronaphthalene	9.23	162	558570	43.67	ng	98
47) 2-Nitroaniline	9.32	65	166990	36.79	ng	98
48) Acenaphthylene	9.64	152	855517	42.04	ng	99
49) Dimethylphthalate	9.52	163	611349	43.61	ng	99
50) 2,6-Dinitrotoluene	9.58	165	147592	47.51	ng	92
51) Acenaphthene	9.82	154	527259	42.27	ng	98
52) 3-Nitroaniline	9.74	138	132544	33.56	ng	87
53) 2,4-Dinitrophenol	9.84	184	58772	42.84	ng	# 82
54) Dibenzofuran	9.99	168	678243	41.54	ng	# 89
55) 4-Nitrophenol	9.90	139	109291	36.42	ng	89
56) 2,4-Dinitrotoluene	9.98	165	189268	46.60	ng	# 73
57) Fluorene	10.33	166	568837	45.21	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	119564	41.63	ng	# 48
59) Diethylphthalate	10.22	149	602263	42.81	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	224693	38.43	ng	# 87
61) 4-Nitroaniline	10.35	138	155296	40.86	ng	84
62) Azobenzene	10.48	77	590000	36.77	ng	95
64) 4,6-Dinitro-2-methylphenol	10.38	198	85158	44.07	ng	84
65) n-Nitrosodiphenylamine	10.44	169	514170	42.05	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	155966	42.84	ng	# 87
67) Hexachlorobenzene	10.88	284	172881	42.89	ng	# 68
68) Atrazine	10.97	200	137187	36.00	ng	91
69) Pentachlorophenol	11.06	266	91563	38.39	ng	97
70) Phenanthrene	11.28	178	696638	35.27	ng	100
71) Anthracene	11.34	178	851309	43.35	ng	99
72) Carbazole	11.48	167	640218	34.64	ng	99
73) Di-n-butylphthalate	11.83	149	825838	38.41	ng	99
74) Fluoranthene	12.47	202	852520	42.58	ng	94
76) Benzidine	12.59	184	556140	42.16	ng	99
77) Pyrene	12.70	202	845165	38.19	ng	99
79) Butylbenzylphthalate	13.31	149	371396	37.62	ng	# 70
80) Benzo(a)anthracene	13.87	228	662515	39.42	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	232350	36.77	ng	# 94
82) Chrysene	13.91	228	606943	36.50	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	510500	45.30	ng	# 100
84) Di-n-octyl phthalate	14.49	149	835188	43.62	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	508658	39.76	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1162923	76.06	ng	100
88) Benzo(k)fluoranthene	14.91	252	1162938	87.37	ng	# 95
89) Benzo(a)pyrene	15.21	252	496869	38.38	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	444360	41.11	ng	# 92
91) Benzo(g,h,i)perylene	16.98	276	434436	38.84	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

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BNA_F

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SSTDCCC040

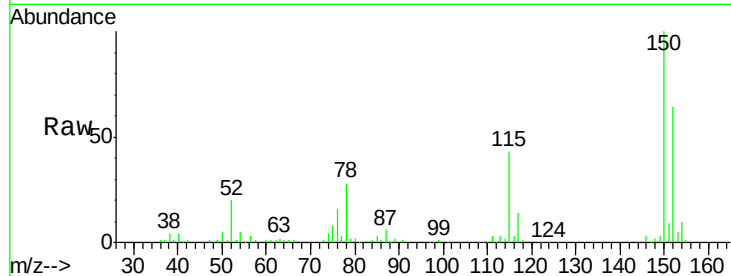
Tgt Ion:152 Resp: 107094

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

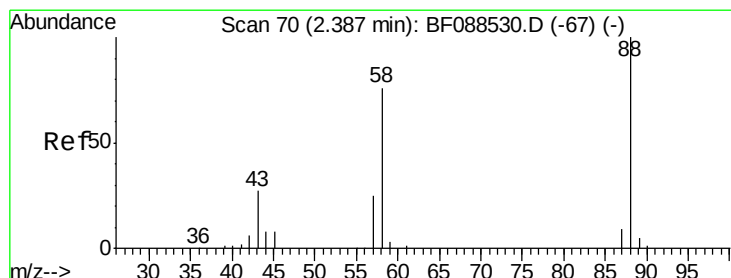
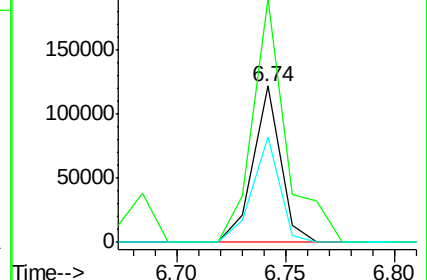
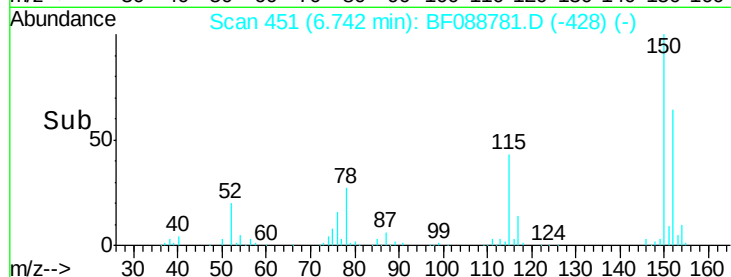
115 67.5 39.6 59.4#



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: 34.02 ng

RT: 2.28 min Scan# 61

Delta R.T. -0.05 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

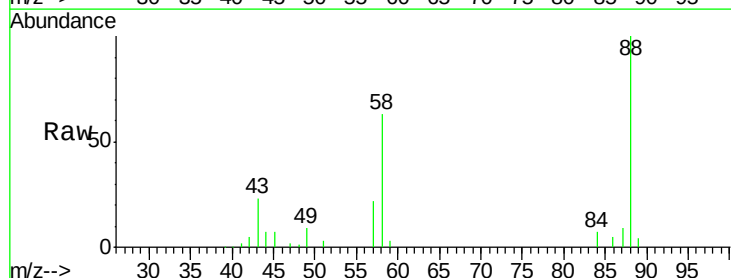
Tgt Ion: 88 Resp: 120535

Ion Ratio Lower Upper

88 100

58 67.9 0.0 0.0#

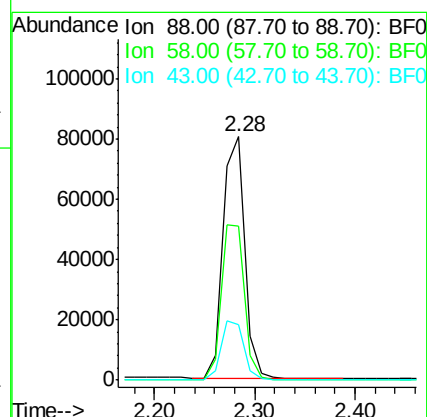
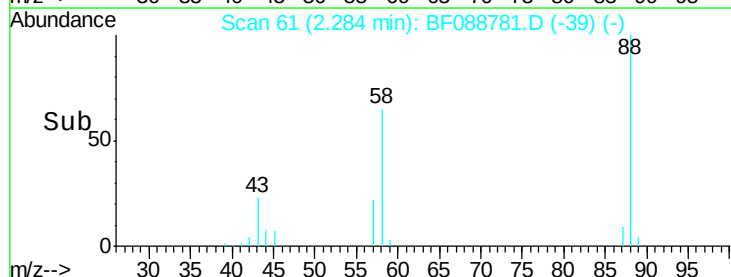
43 25.2 3.4 5.2#

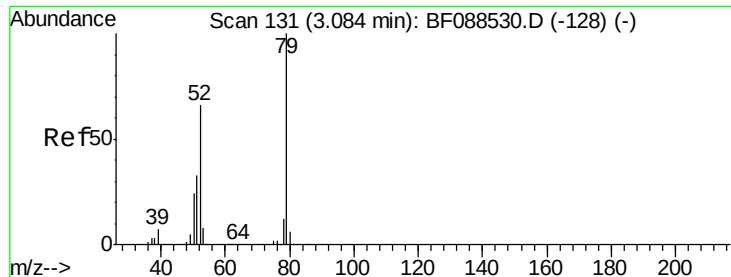


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.72 ng

RT: 2.95 min Scan# 119

Delta R.T. -0.06 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

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ClientSampleId :

SSTDCCC040

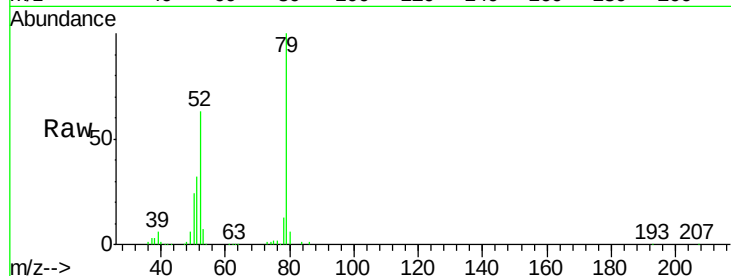
Tgt Ion: 79 Resp: 346601

Ion Ratio Lower Upper

79 100

52 62.7 56.3 84.5

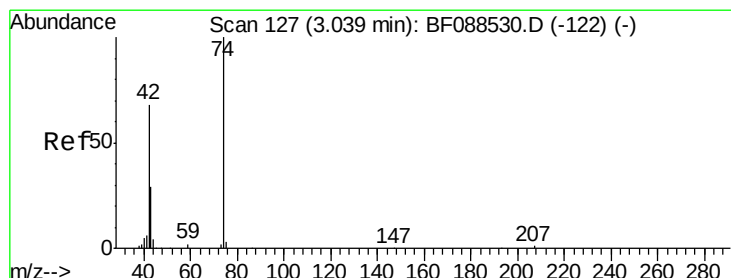
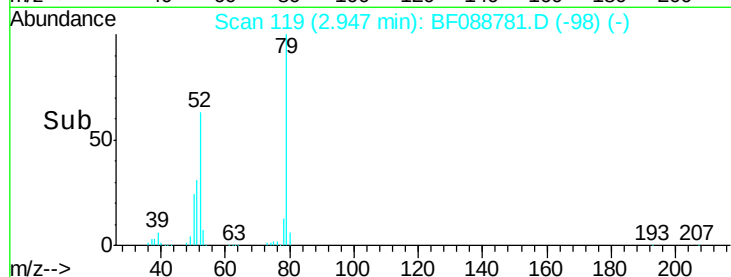
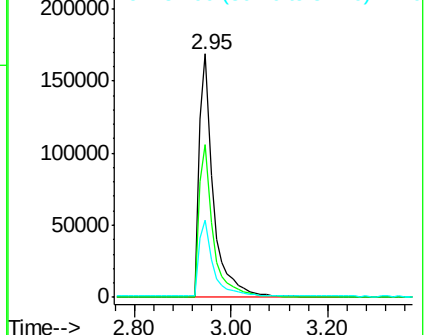
51 31.6 27.4 41.2



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: 32.60 ng

RT: 2.91 min Scan# 116

Delta R.T. -0.06 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

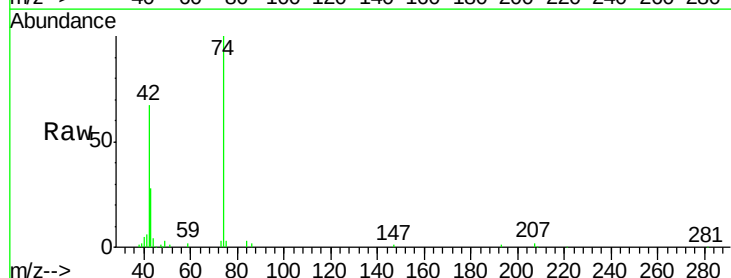
Tgt Ion: 42 Resp: 128030

Ion Ratio Lower Upper

42 100

74 148.2 108.6 163.0

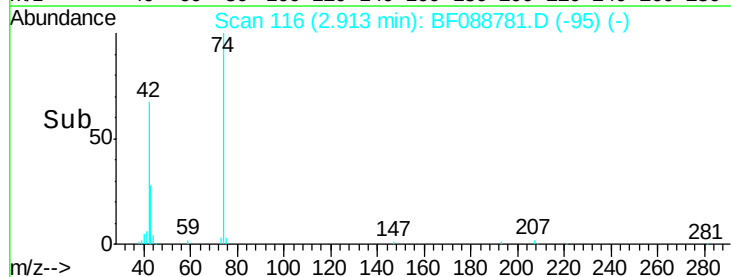
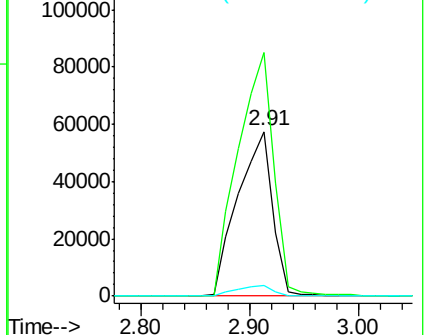
44 6.6 5.5 8.3

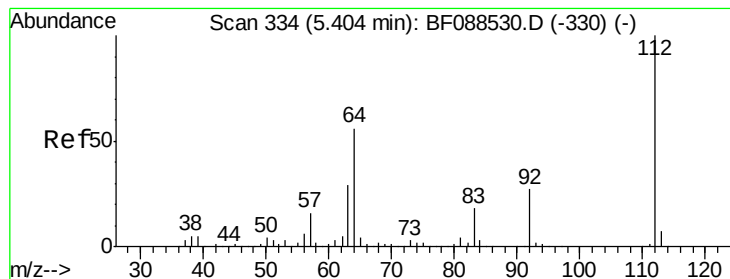


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.77 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.05 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

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SSTDCCC040

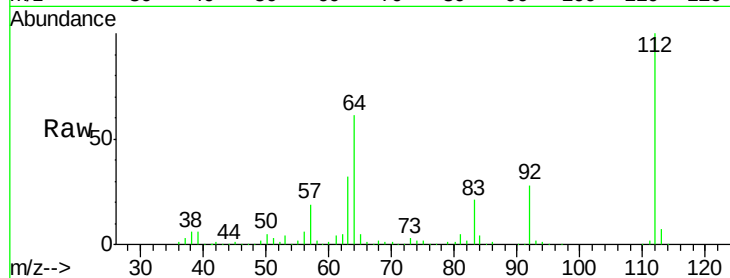
Tgt Ion: 112 Resp: 498590

Ion Ratio Lower Upper

112 100

64 60.7 42.2 63.2

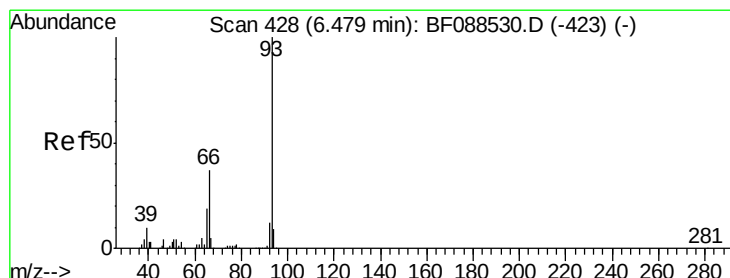
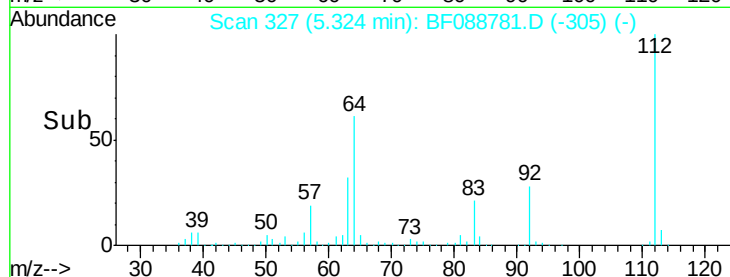
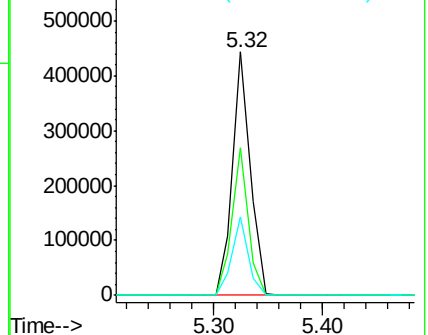
63 32.1 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.21 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

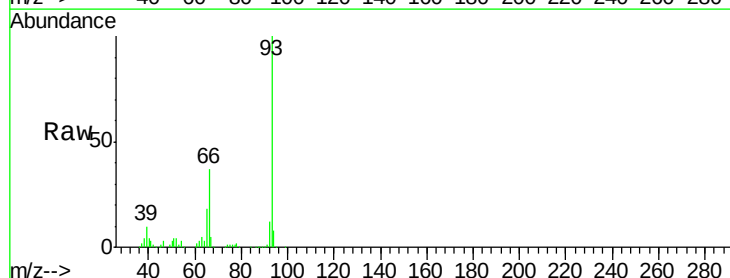
Tgt Ion: 93 Resp: 473732

Ion Ratio Lower Upper

93 100

66 36.6 29.8 44.8

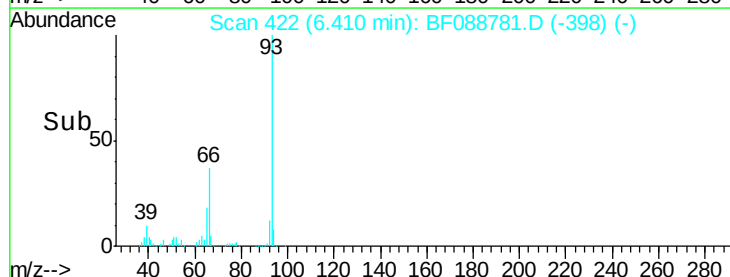
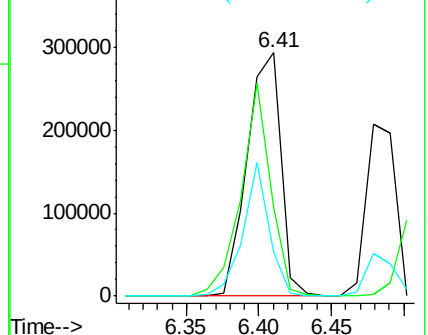
65 17.9 14.9 22.3

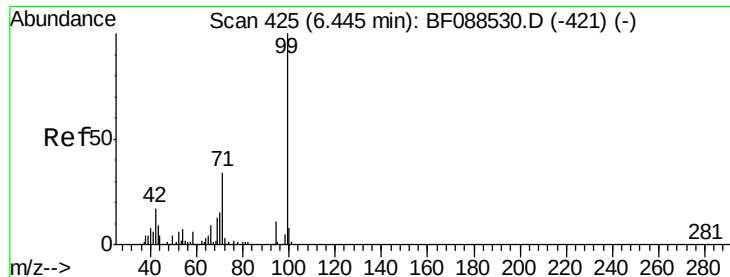


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.31 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088781.D

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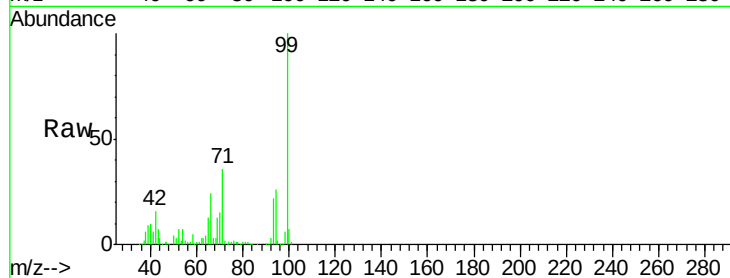
Tgt Ion: 99 Resp: 686079

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

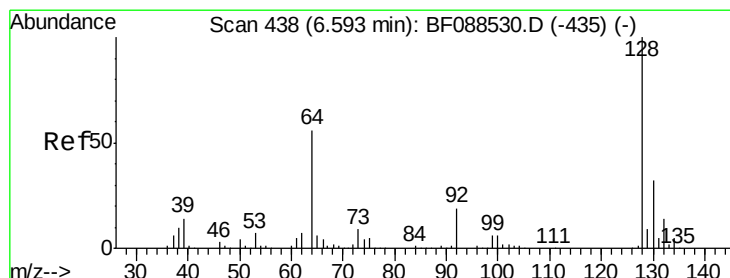
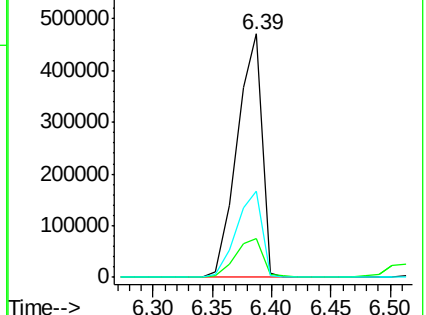
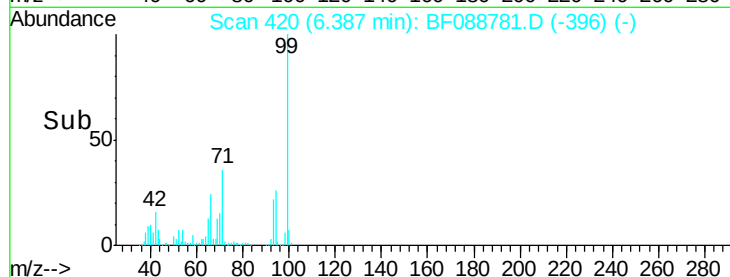
71 35.6 23.4 35.0#



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: 36.85 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

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Acq: 7 Jul 2016 15:46

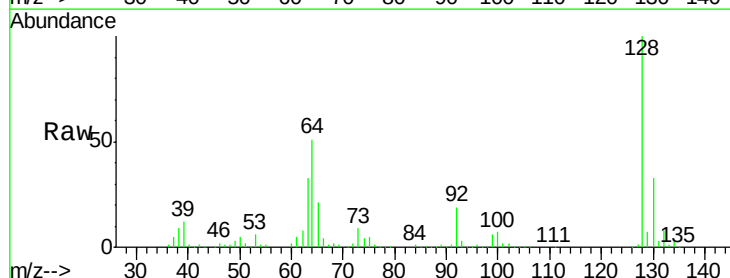
Tgt Ion: 128 Resp: 283035

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

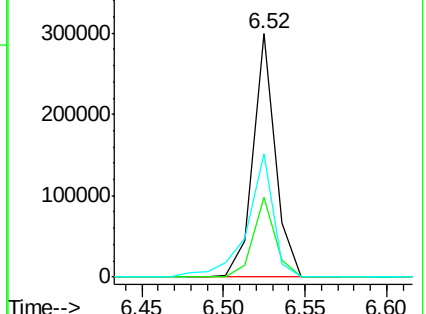
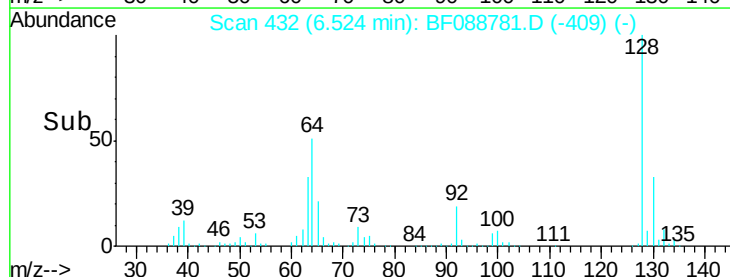
64 50.7 30.8 70.8

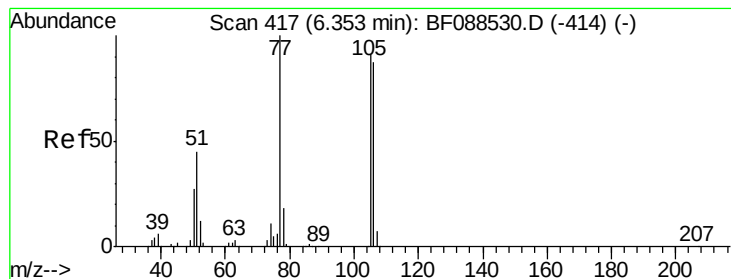


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.55 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

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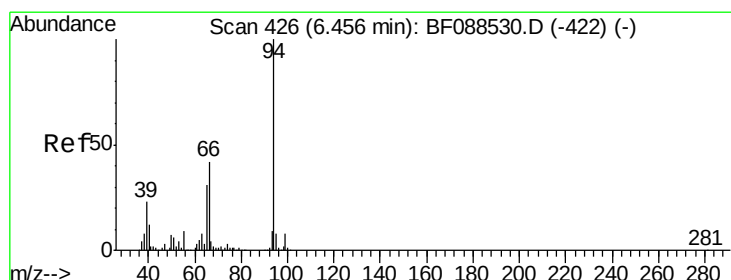
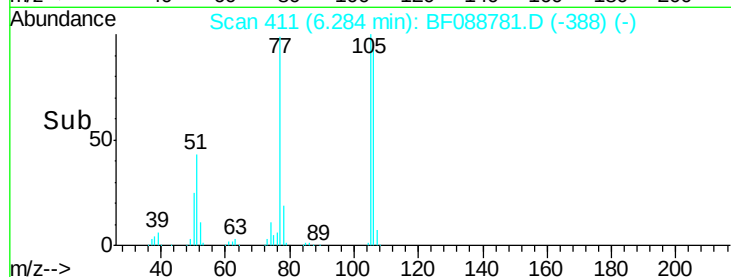
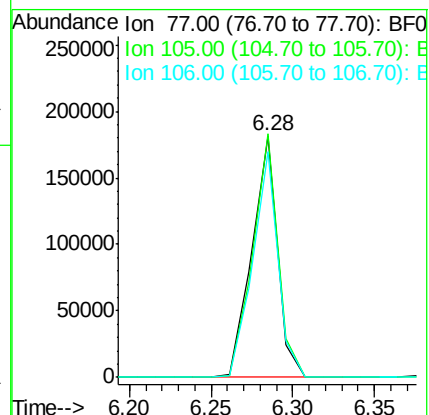
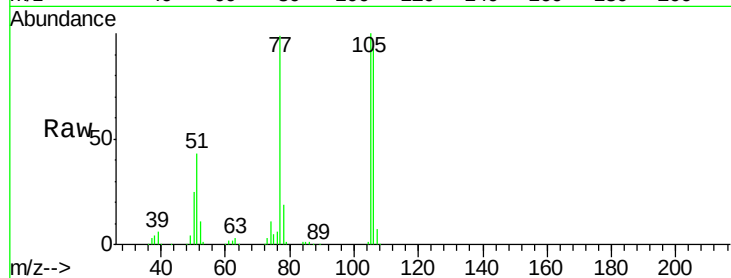
Tgt Ion: 77 Resp: 197299

Ion Ratio Lower Upper

77 100

105 101.0 90.6 130.6

106 93.8 85.3 125.3



#10

Phenol

Concen: 39.12 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

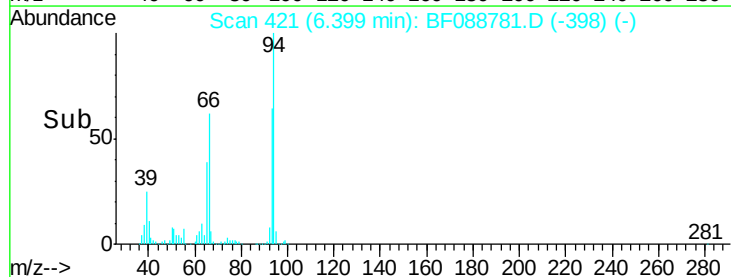
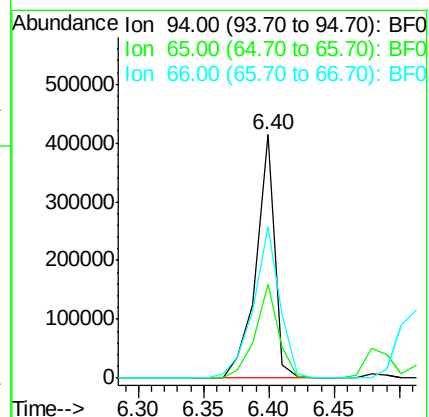
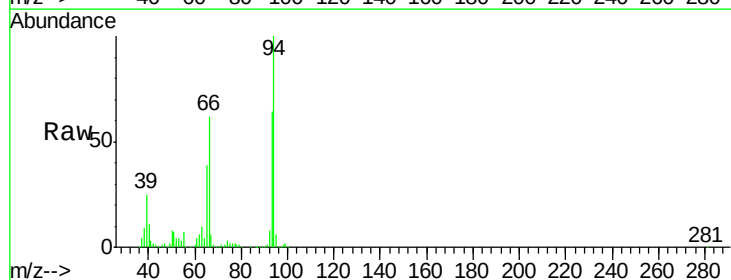
Tgt Ion: 94 Resp: 412289

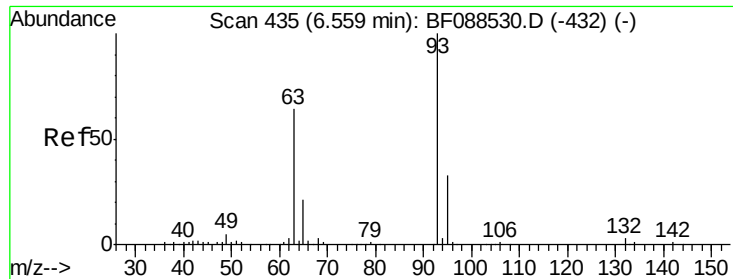
Ion Ratio Lower Upper

94 100

65 38.8 5.9 45.9

66 62.0 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 36.54 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

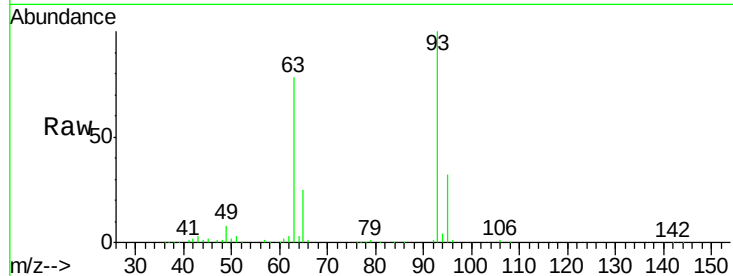
Tgt Ion: 93 Resp: 287115

Ion Ratio Lower Upper

93 100

63 77.5 67.6 107.6

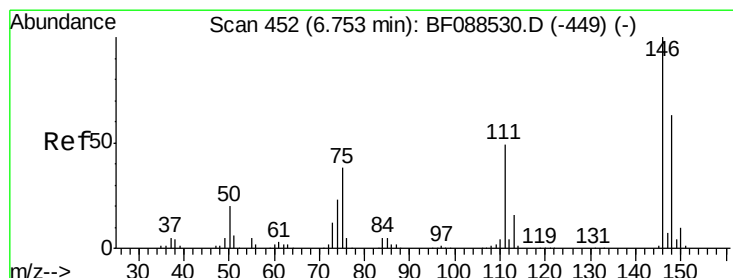
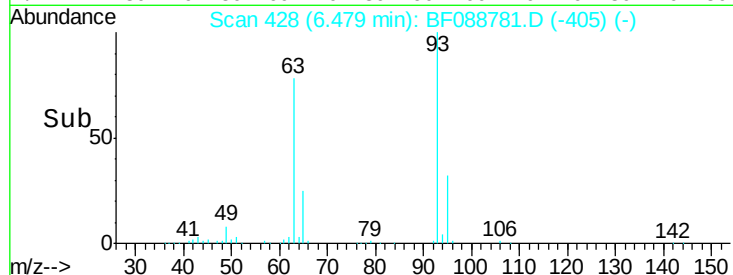
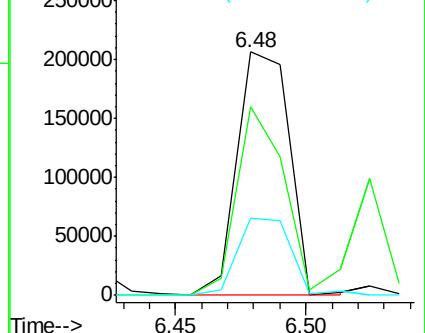
95 31.6 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.48 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

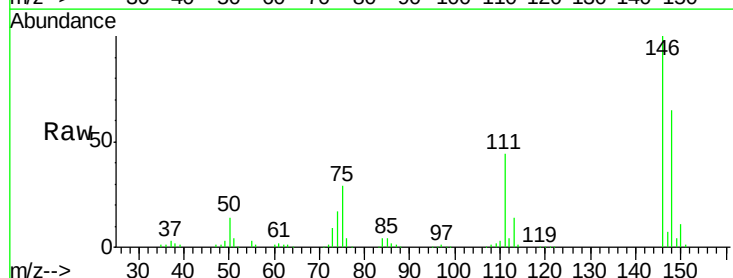
Tgt Ion: 146 Resp: 342077

Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

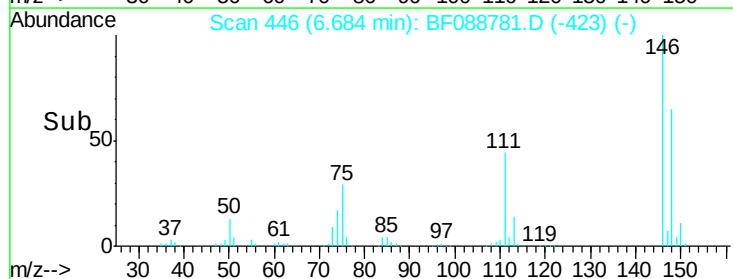
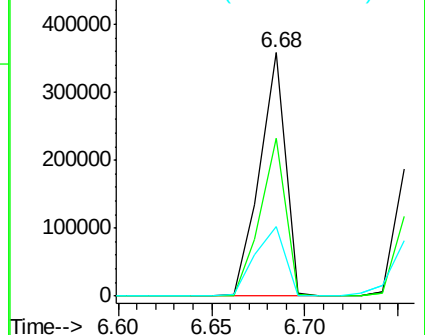
75 28.8 25.6 38.4

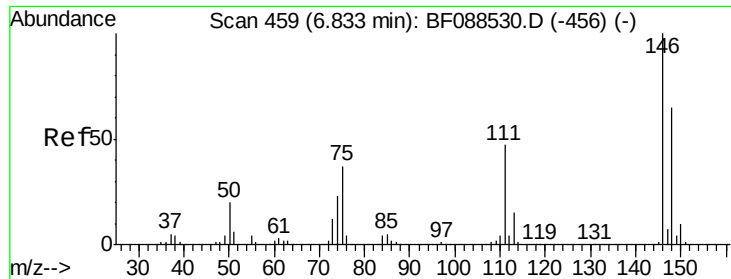


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

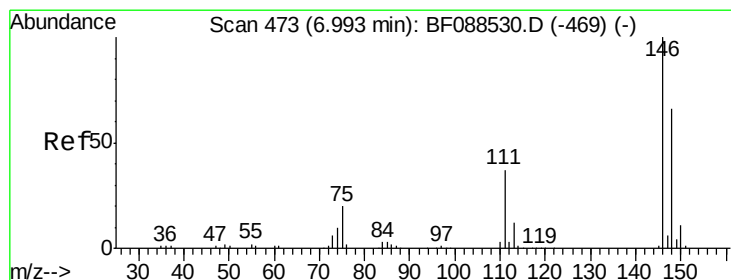
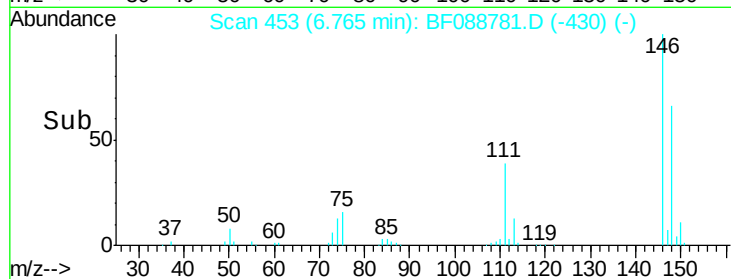
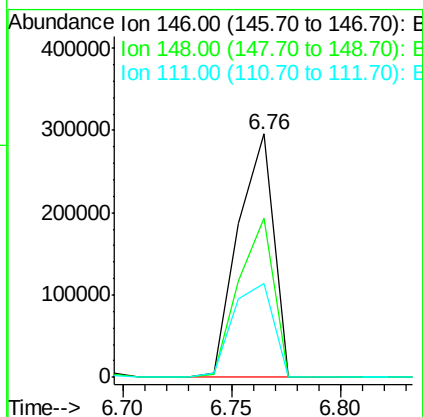
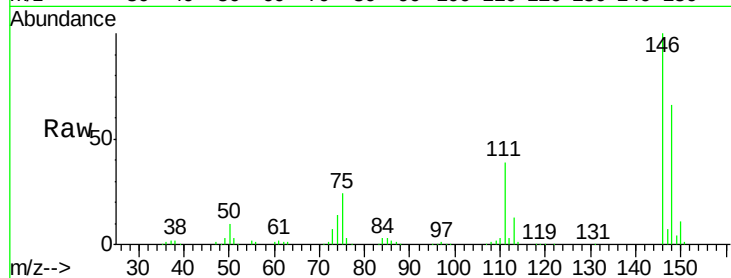




#13
 1,4-Dichlorobenzene
 Concen: 40.06 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

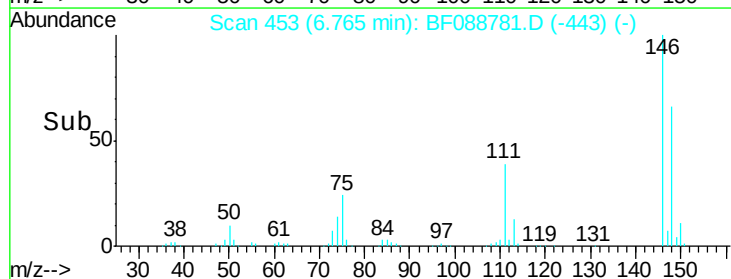
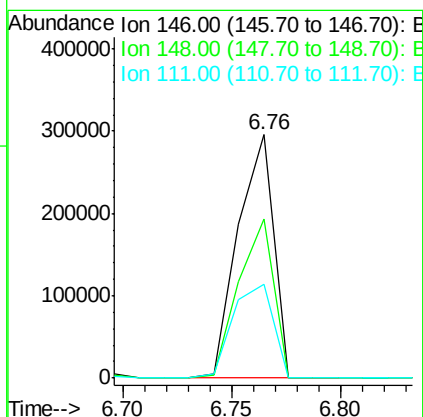
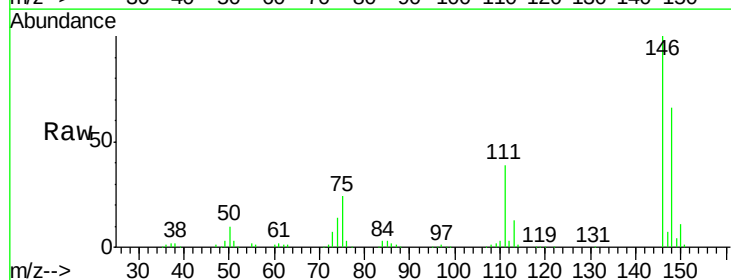
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

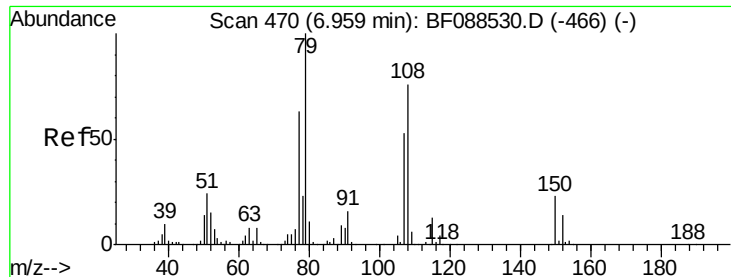
Tgt Ion:146 Resp: 336008
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.0 78.0
 111 38.7 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 42.79 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.18 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:146 Resp: 336008
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.3 78.5
 111 38.7 28.7 43.1





#15

Benzyl Alcohol

Concen: 36.42 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

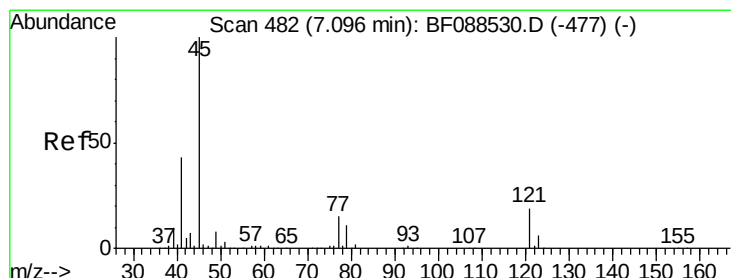
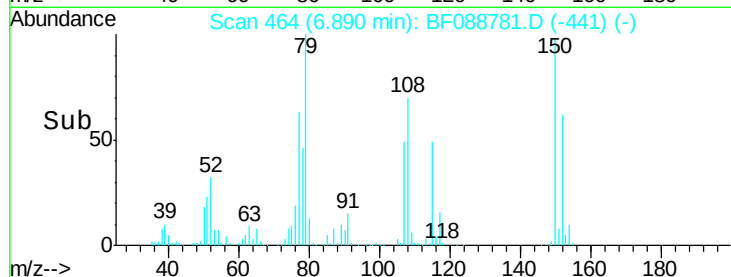
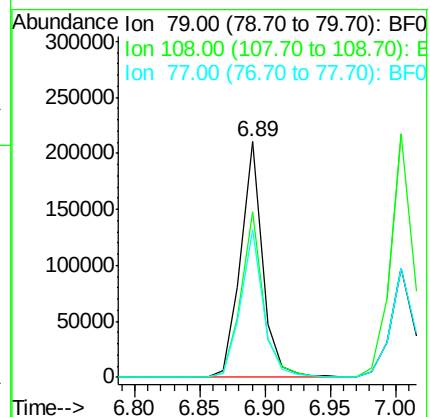
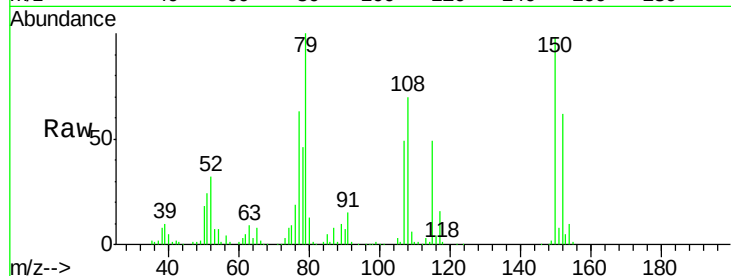
Tgt Ion: 79 Resp: 247511

Ion Ratio Lower Upper

79 100

108 70.0 65.0 97.6

77 62.5 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.71 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

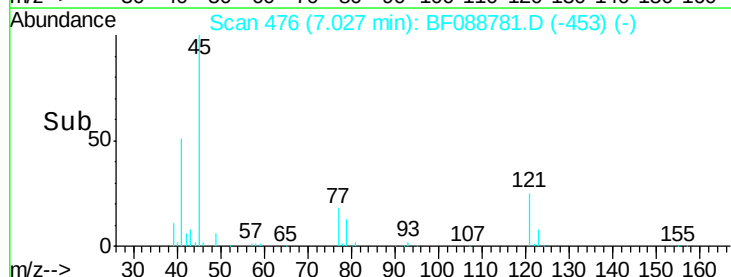
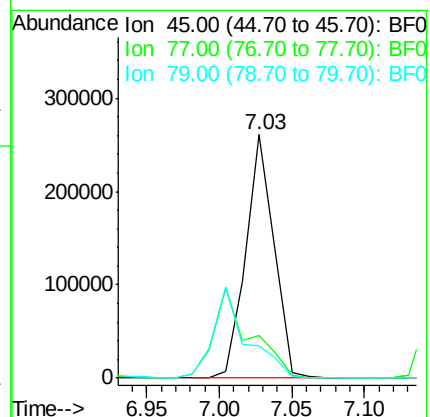
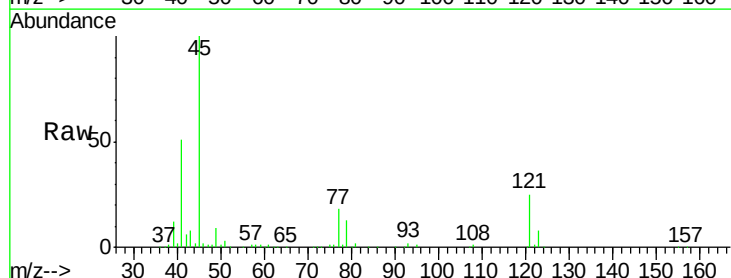
Tgt Ion: 45 Resp: 349473

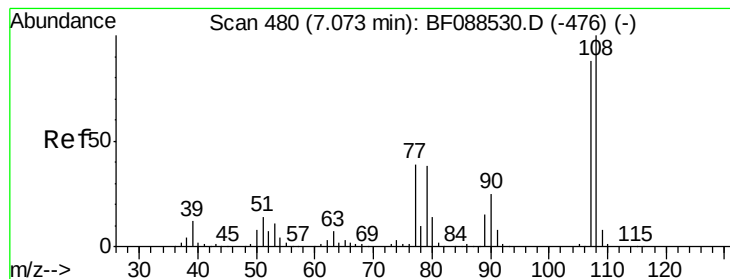
Ion Ratio Lower Upper

45 100

77 17.7 0.0 32.5

79 13.2 0.0 29.5





#17

2-Methylphenol

Concen: 36.81 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 230621

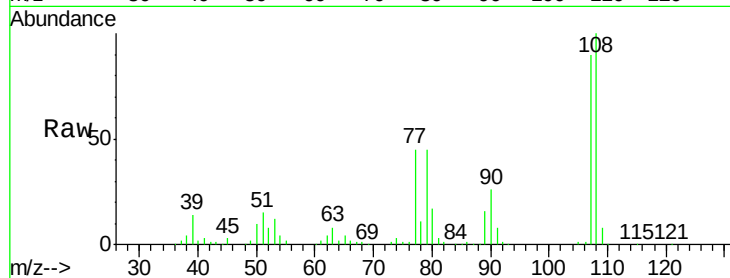
Ion Ratio Lower Upper

107 100

108 111.3 90.9 136.3

77 49.7 36.6 55.0

79 50.0 36.5 54.7

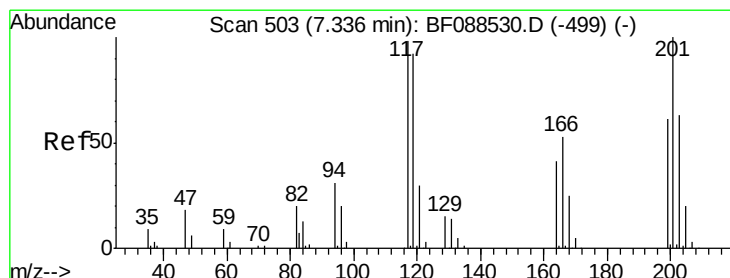
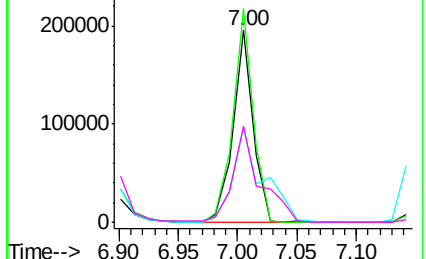
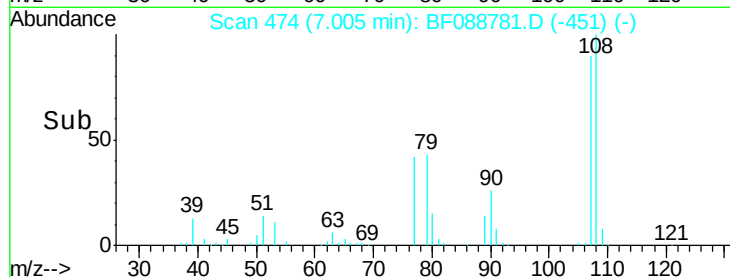


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.74 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

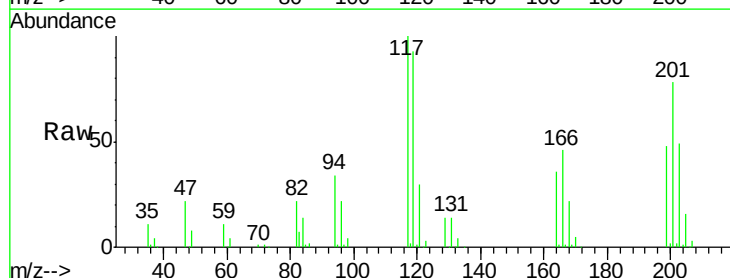
Tgt Ion:117 Resp: 128942

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.2

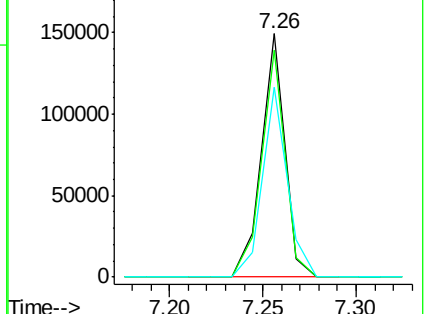
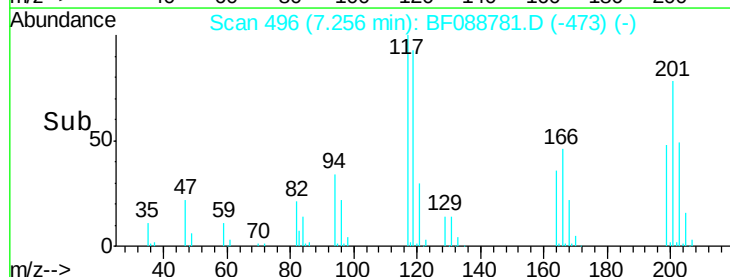
201 77.7 80.4 120.6#

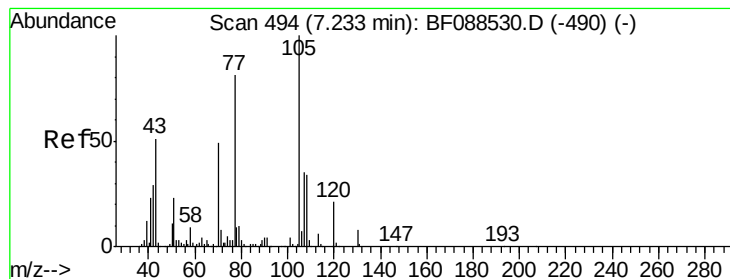


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.86 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 234828

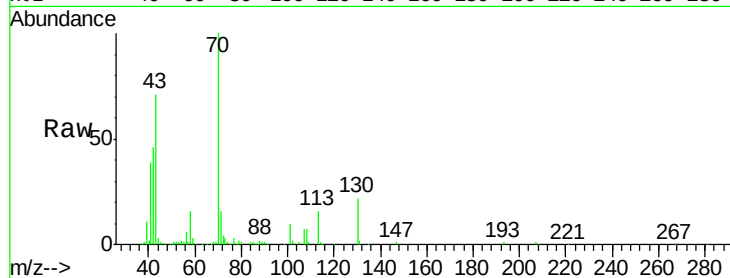
Ion Ratio Lower Upper

70 100

42 46.3 49.6 74.4#

101 10.0 7.1 10.7

130 22.3 15.4 23.2

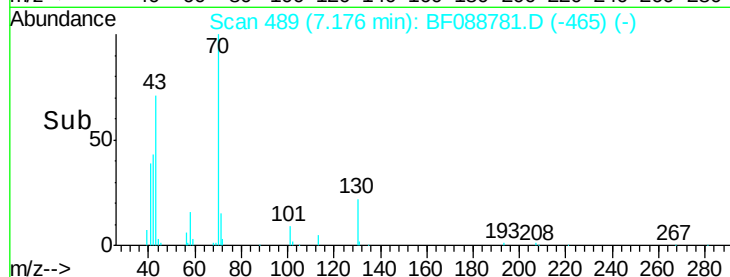
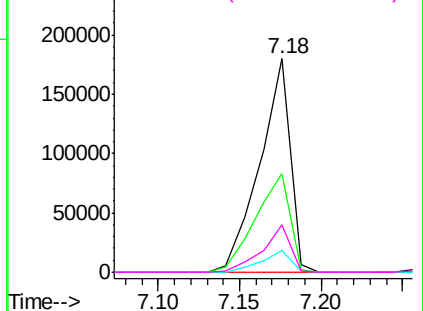


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 36.45 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion:107 Resp: 274102

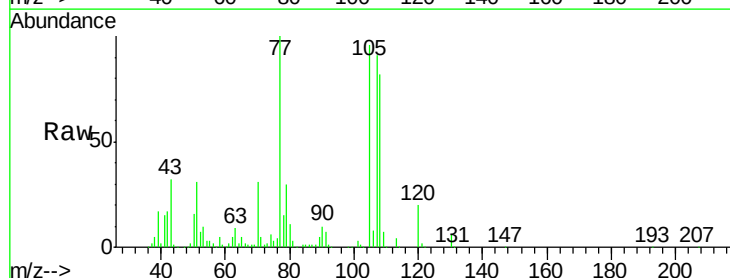
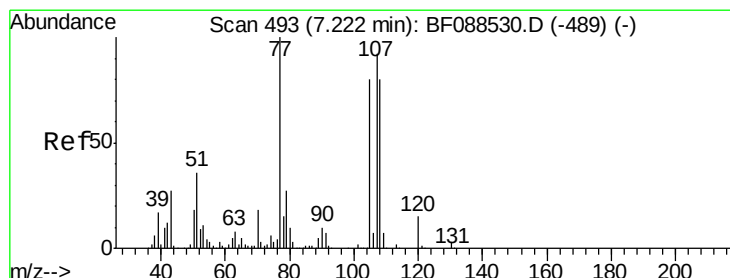
Ion Ratio Lower Upper

107 100

108 90.3 67.8 107.8

77 110.5 59.3 99.3#

79 33.1 7.0 47.0

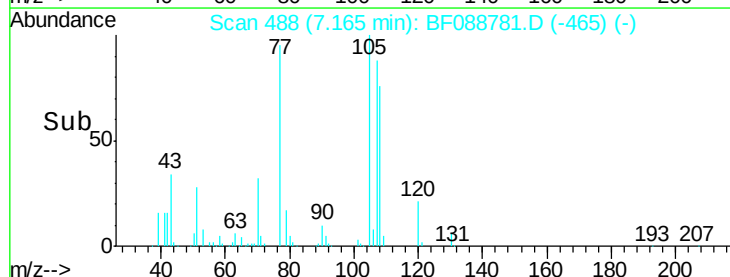
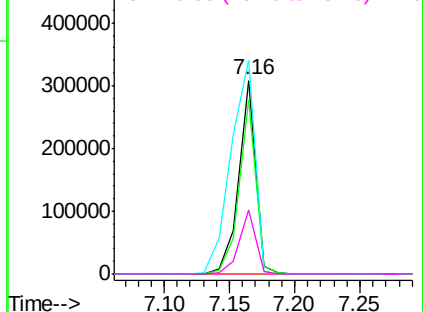


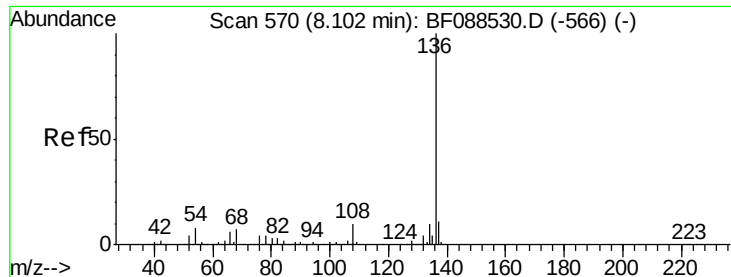
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

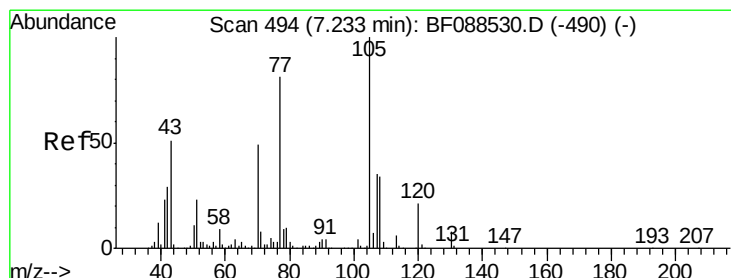
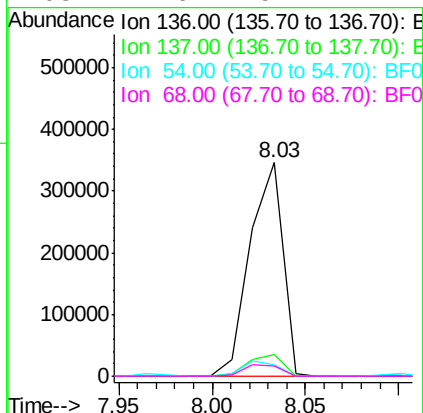
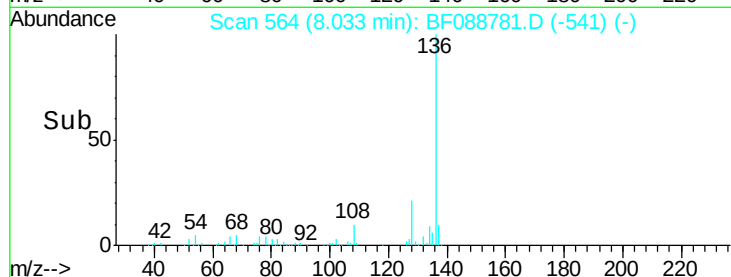
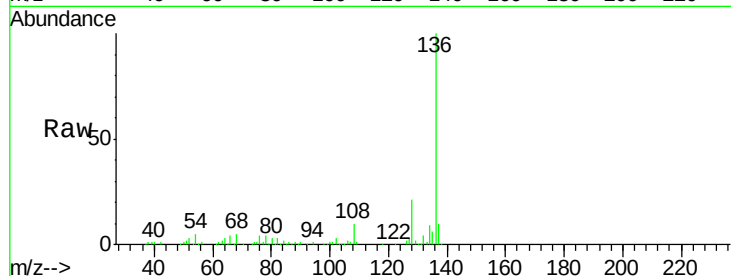




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

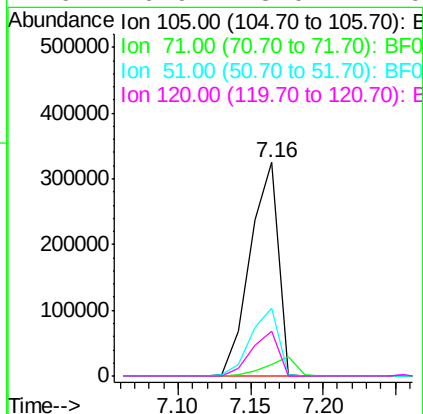
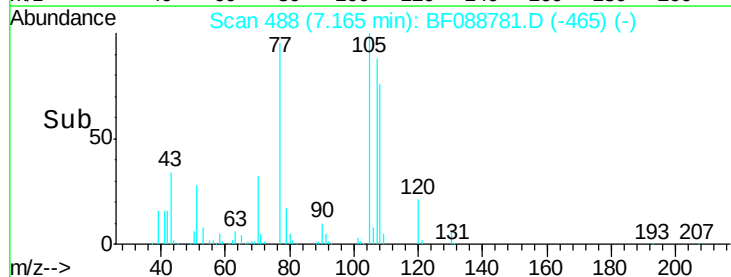
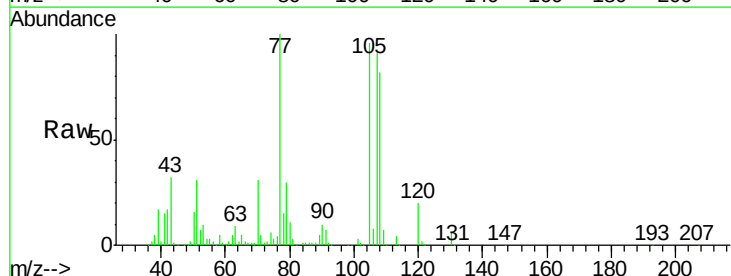
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

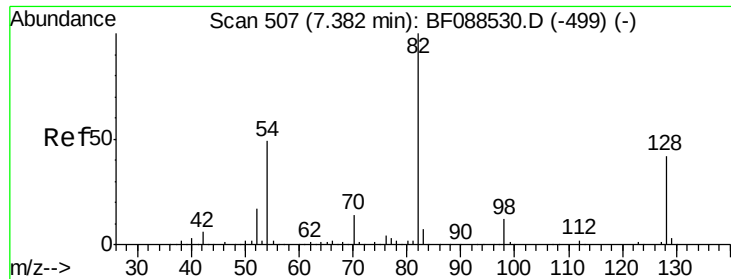
Tgt Ion:	136	Resp:	423916
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	5.5	6.6	10.0#
68	4.6	5.1	7.7#



#22
Acetophenone
Concen: 42.46 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:	105	Resp:	436851
Ion Ratio	Lower	Upper	
105	100		
71	5.4	5.3	7.9
51	32.0	18.2	27.4#
120	20.9	18.0	27.0

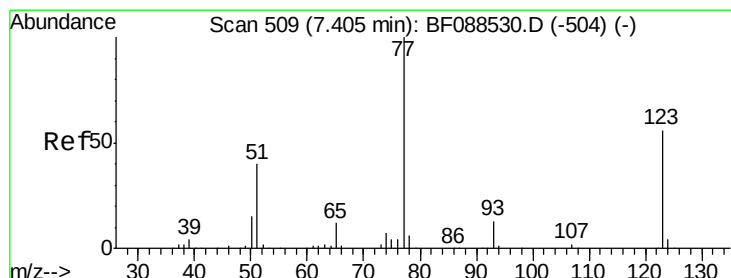
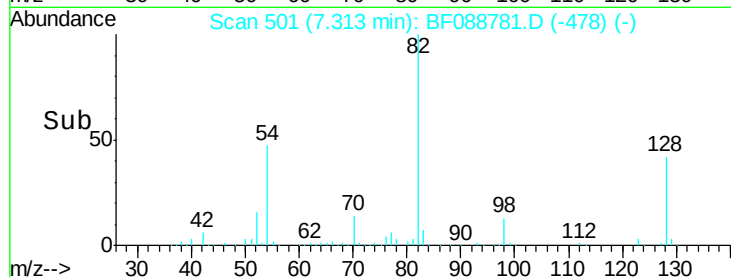
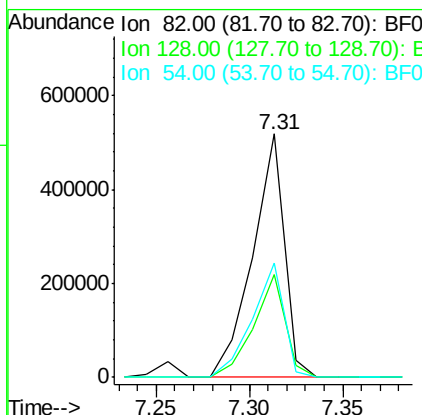
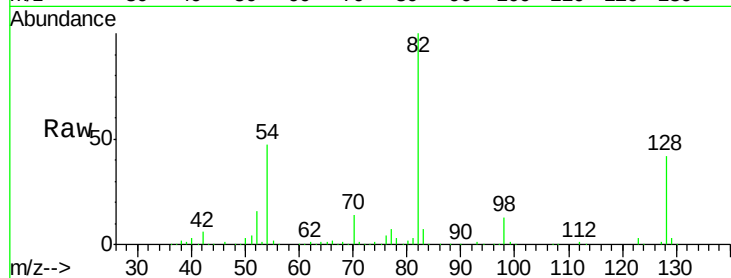




#23
 Nitrobenzene-d5
 Concen: 75.50 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

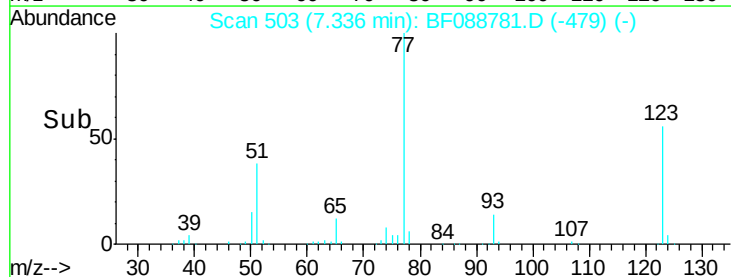
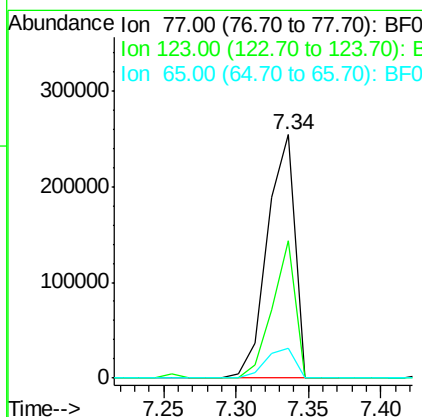
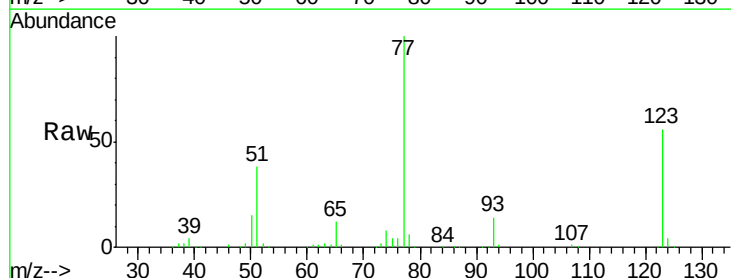
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

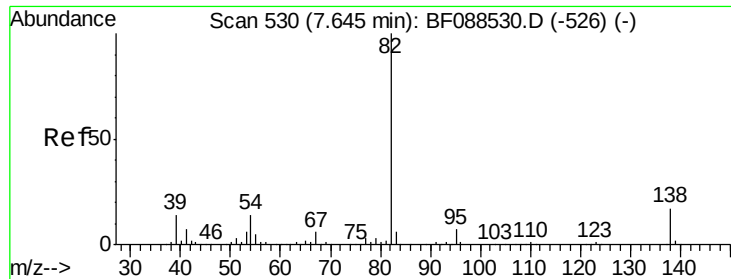
Tgt Ion: 82 Resp: 610768
 Ion Ratio Lower Upper
 82 100
 128 42.4 35.9 53.9
 54 46.8 40.9 61.3



#24
 Nitrobenzene
 Concen: 40.74 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion: 77 Resp: 332313
 Ion Ratio Lower Upper
 77 100
 123 56.2 45.0 67.4
 65 12.2 10.2 15.2





#25

Isophorone

Concen: 38.89 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

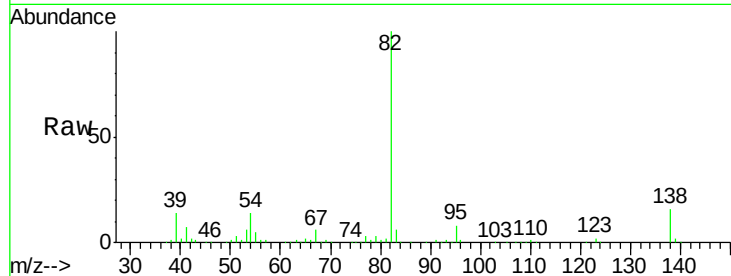
Tgt Ion: 82 Resp: 582797

Ion Ratio Lower Upper

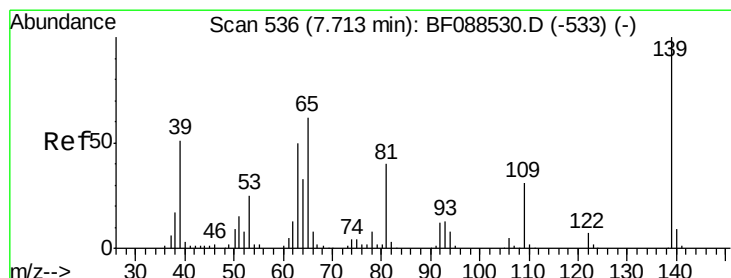
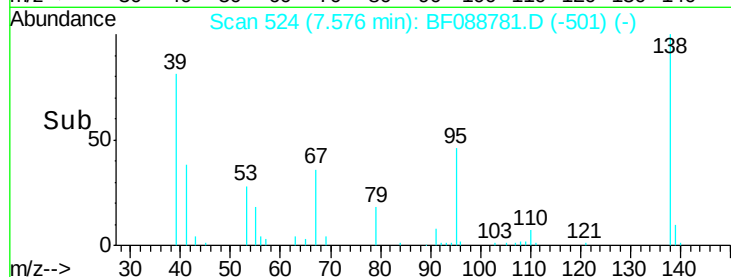
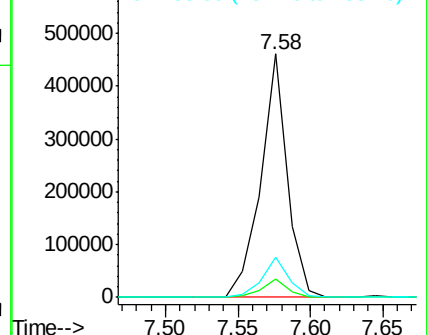
82 100

95 7.5 5.4 8.2

138 16.5 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): BF0



#26

2-Nitrophenol

Concen: 43.94 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

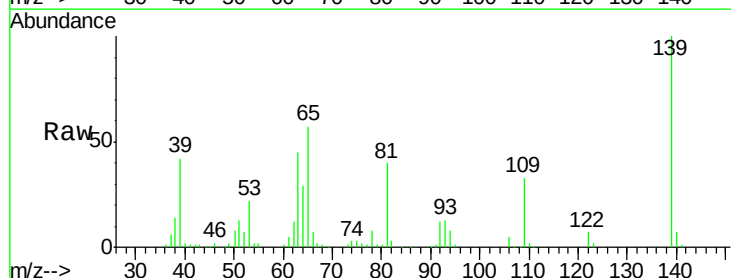
Tgt Ion: 139 Resp: 146954

Ion Ratio Lower Upper

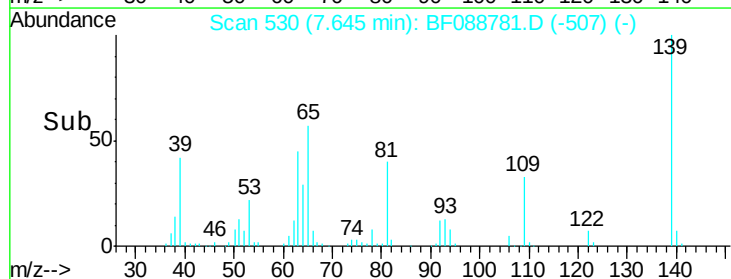
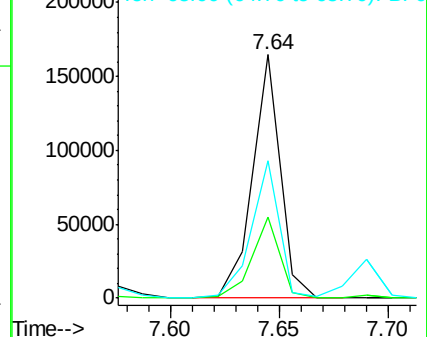
139 100

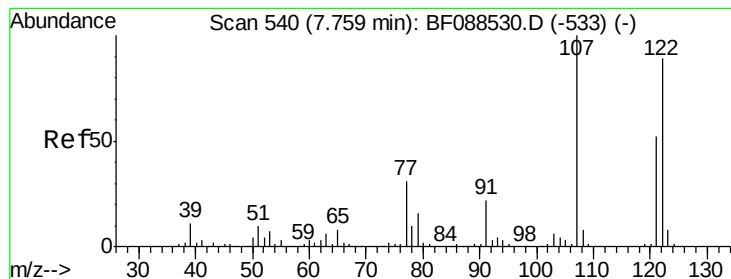
109 33.4 23.0 34.4

65 56.5 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

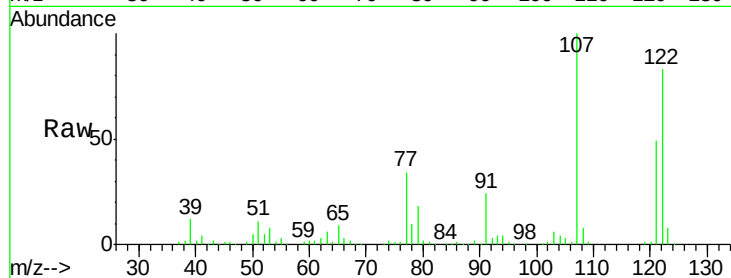




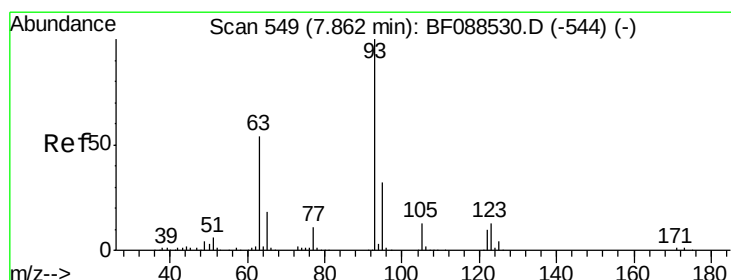
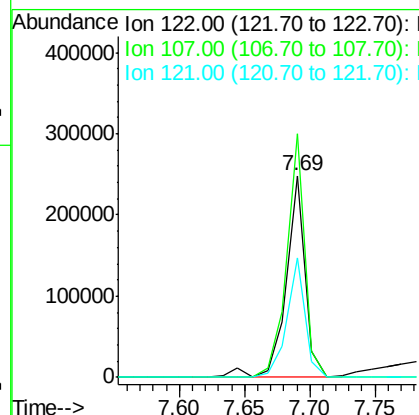
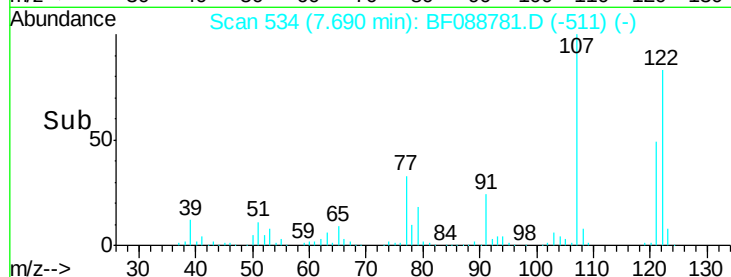
#27
2,4-Dimethylphenol
Concen: 36.85 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 122 Resp: 256698
Ion Ratio Lower Upper
122 100
107 120.9 82.4 123.6
121 59.4 46.3 69.5

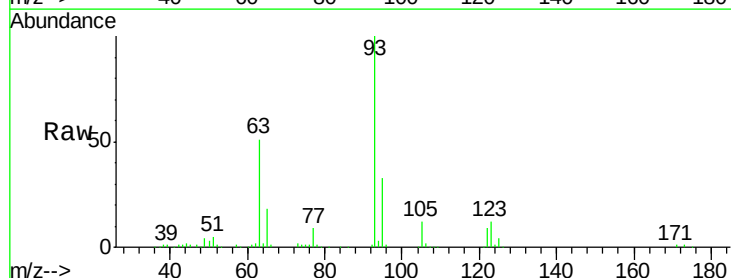


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

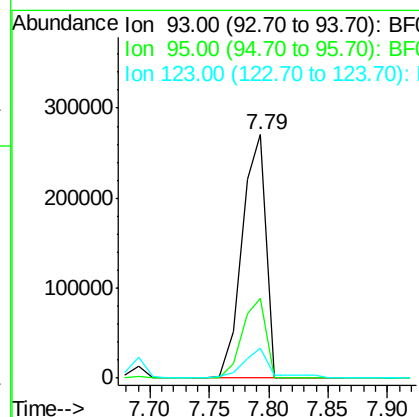
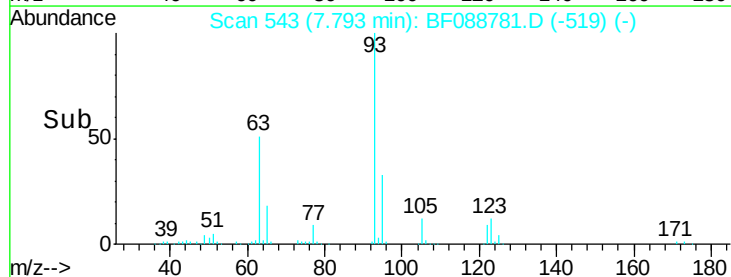


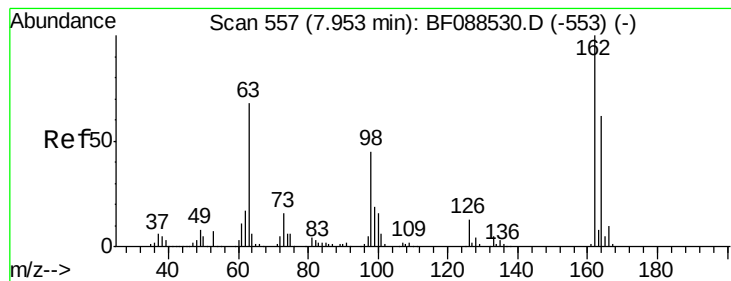
#28
bis(2-Chloroethoxy)methane
Concen: 38.42 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion: 93 Resp: 374683
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 12.5 11.6 17.4



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





#29

2,4-Dichlorophenol

Concen: 39.49 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

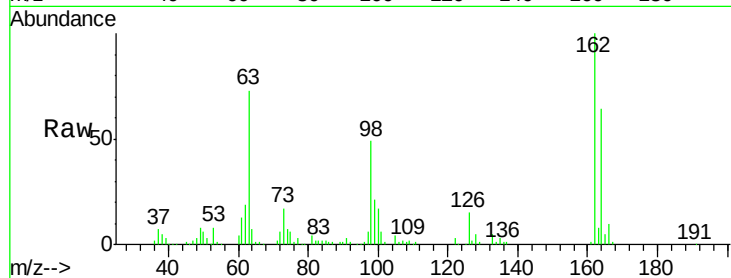
Tgt Ion:162 Resp: 222335

Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

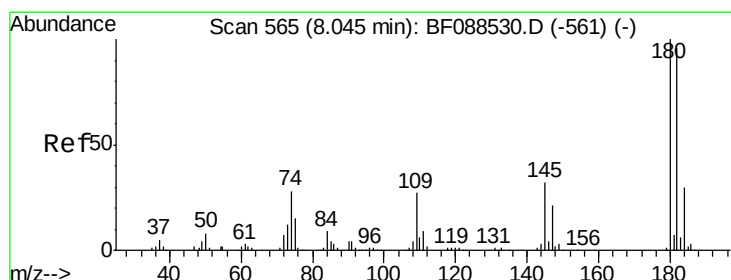
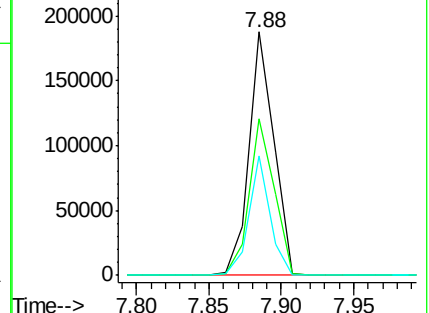
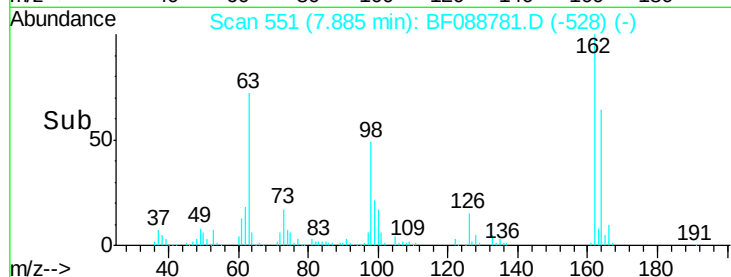
98 49.2 21.3 61.3



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: 43.84 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

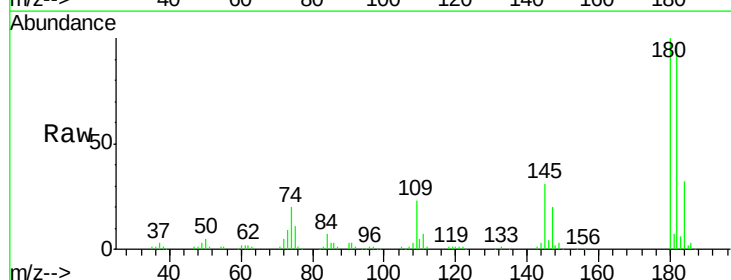
Tgt Ion:180 Resp: 270820

Ion Ratio Lower Upper

180 100

182 96.7 76.0 114.0

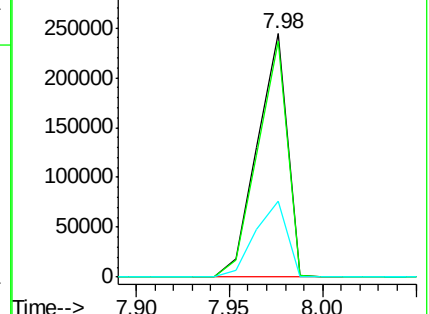
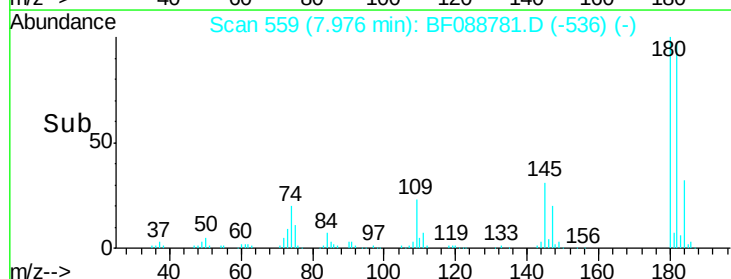
145 31.0 26.5 39.7

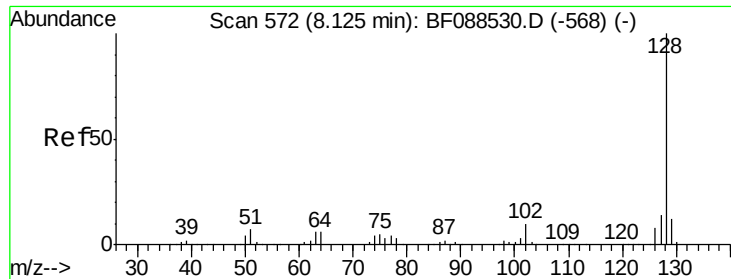


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

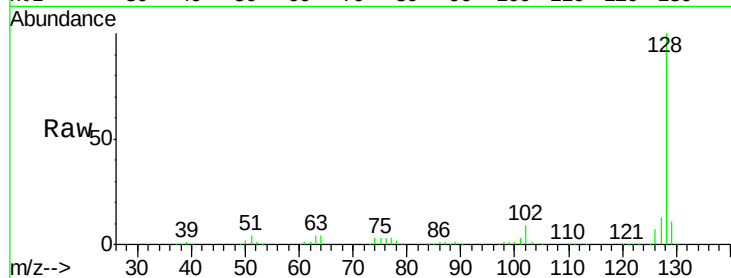




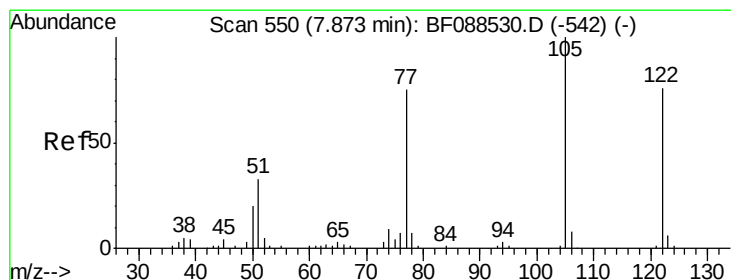
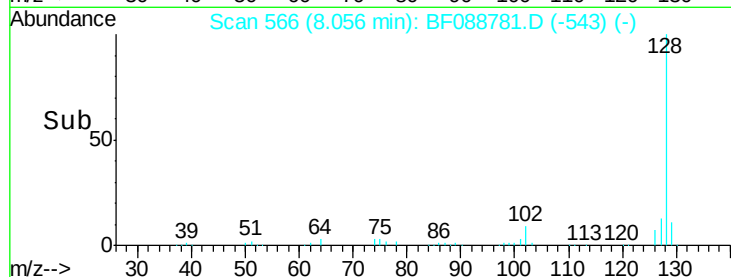
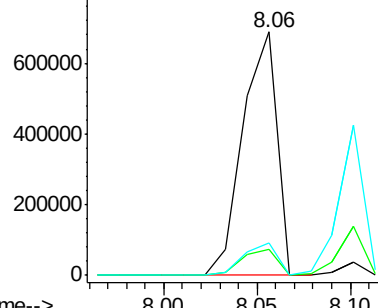
#31
Naphthalene
Concen: 41.76 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 872713
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.5 10.9 16.3

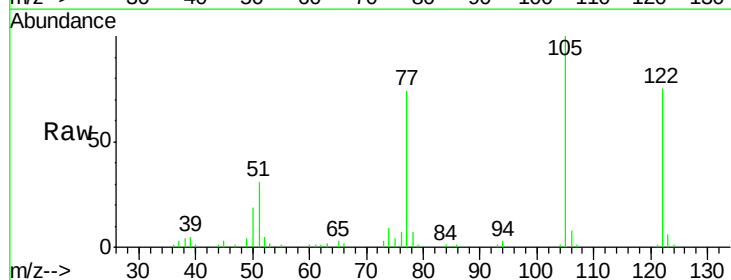


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

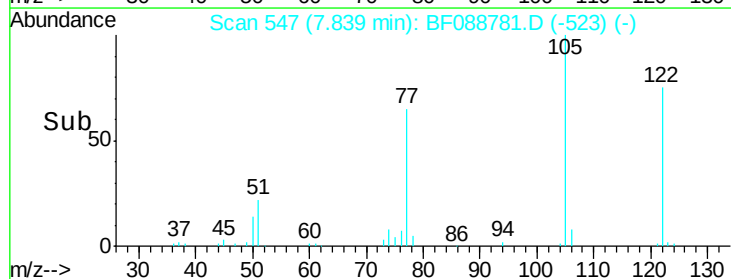
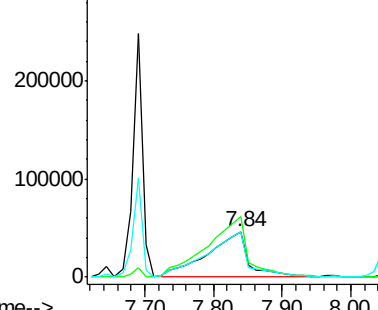


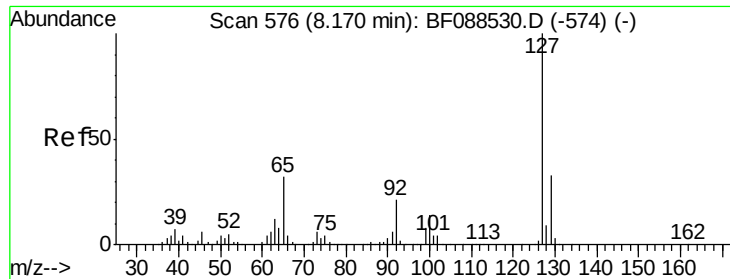
#32
Benzoic acid
Concen: 36.96 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:122 Resp: 186904
Ion Ratio Lower Upper
122 100
105 133.5 101.6 141.6
77 99.4 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

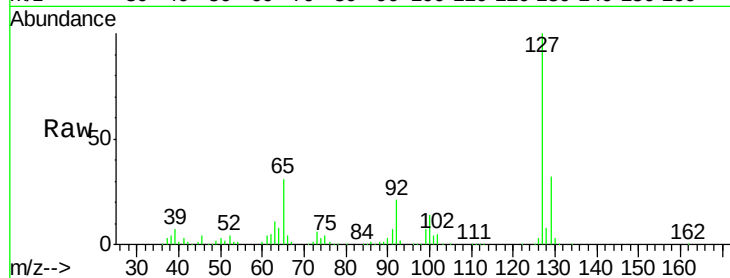




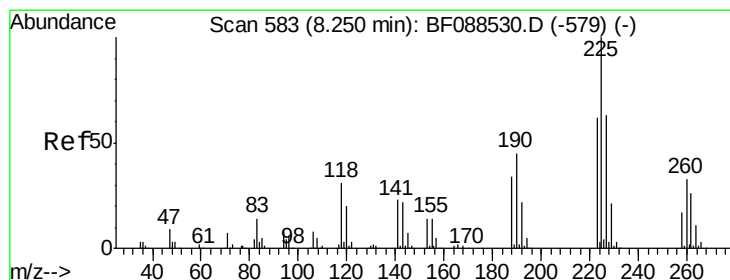
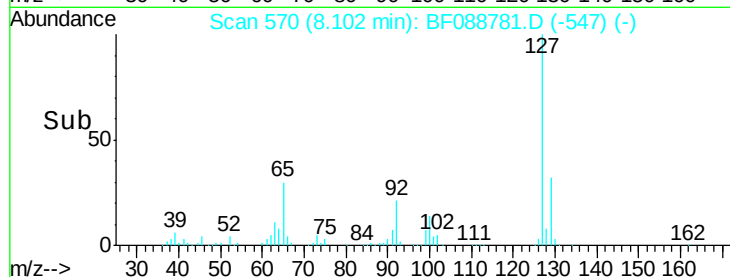
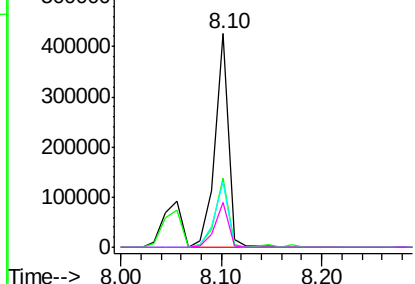
#33
4-Chloroaniline
Concen: 42.49 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	395079
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	30.5	24.7	37.1
92	21.0	15.4	23.0

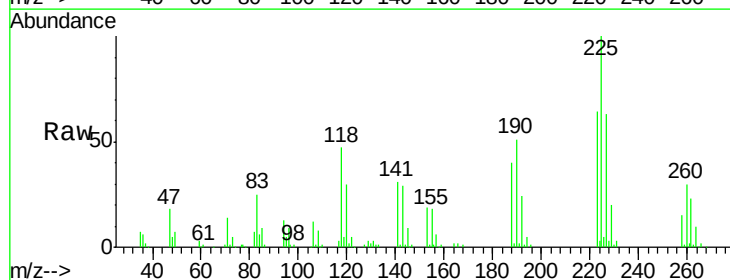


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

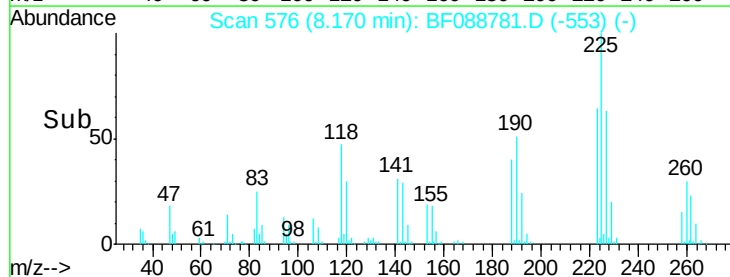
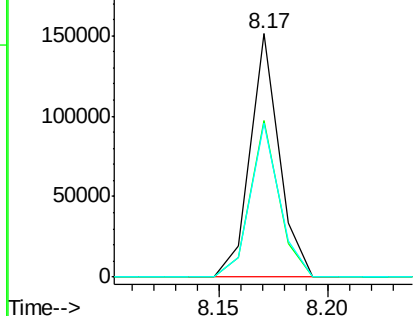


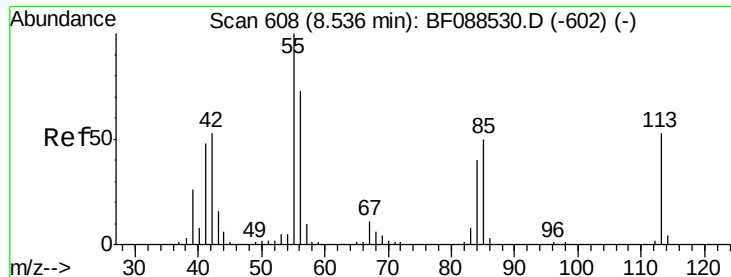
#34
Hexachlorobutadiene
Concen: 42.47 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:	225	Resp:	140503
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.9	76.3
227	63.4	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: 39.01 ng

RT: 8.49 min Scan# 604

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

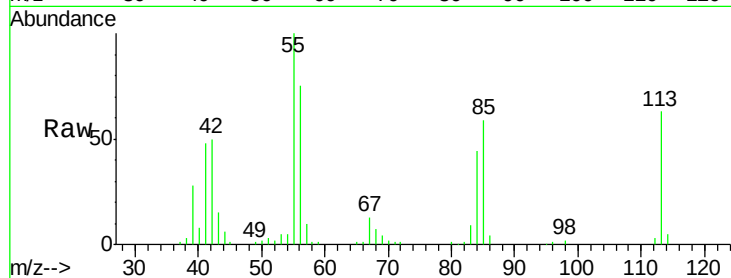
Tgt Ion:113 Resp: 74597

Ion Ratio Lower Upper

113 100

55 158.5 158.6 198.6#

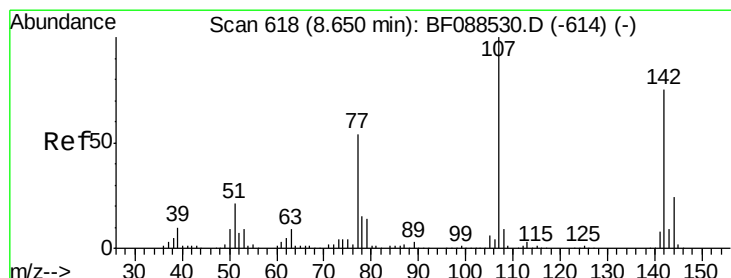
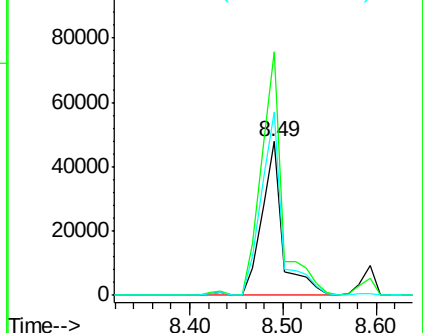
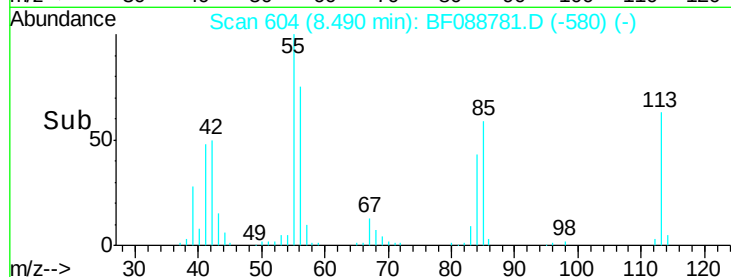
56 119.3 110.6 150.6



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: 45.12 ng

RT: 8.59 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

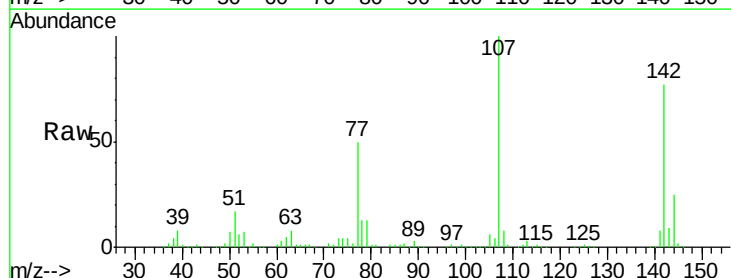
Tgt Ion:107 Resp: 300355

Ion Ratio Lower Upper

107 100

144 25.0 20.8 31.2

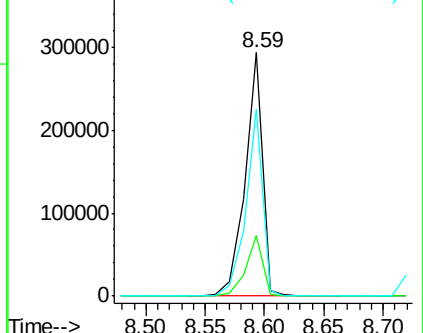
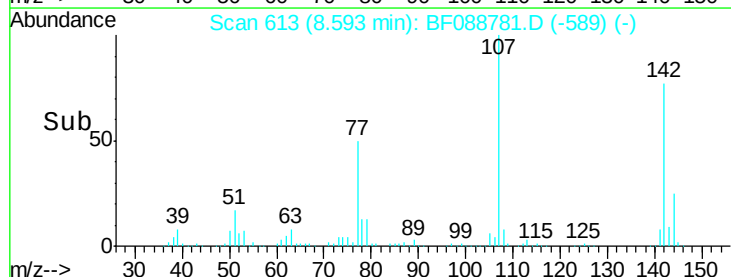
142 76.8 63.4 95.2

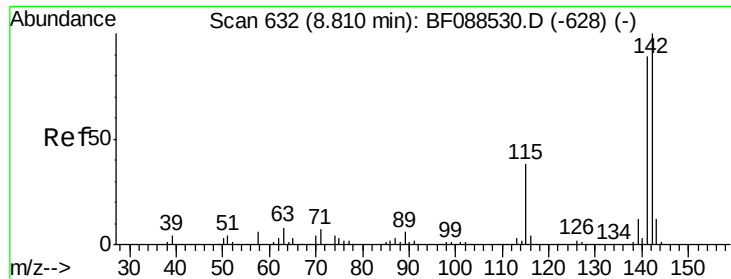


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

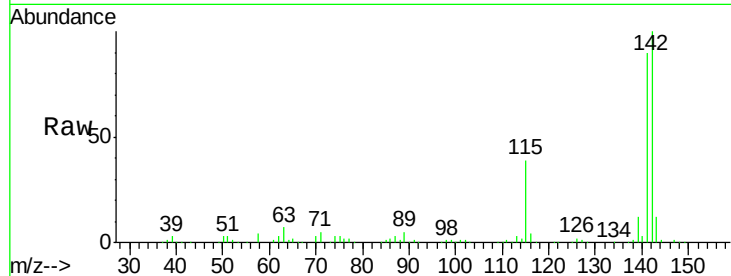




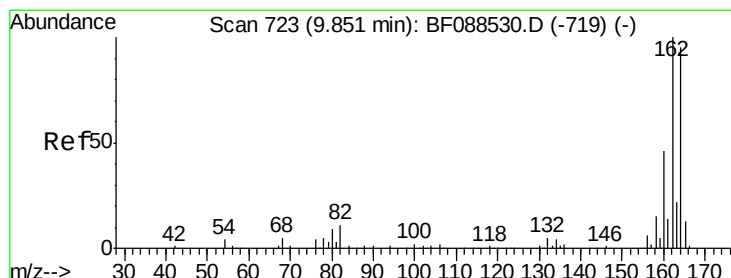
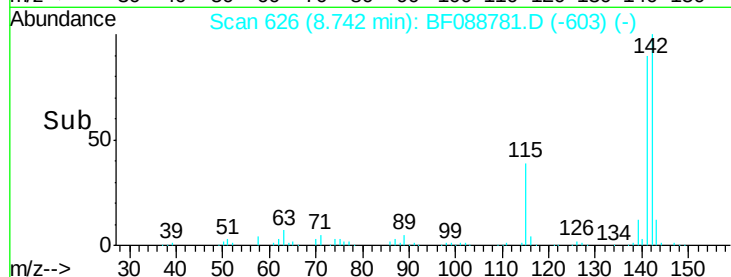
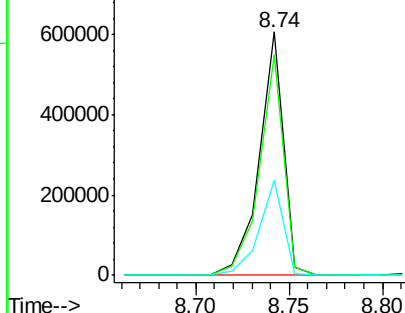
#37
 2-Methylnaphthalene
 Concen: 40.97 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 551287
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 39.1 22.6 33.8#

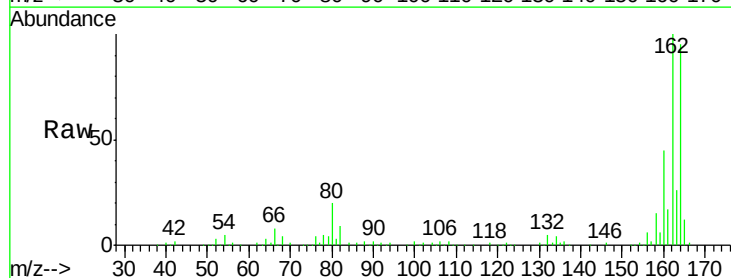


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

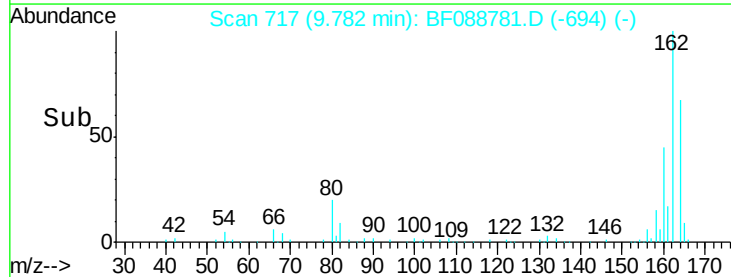
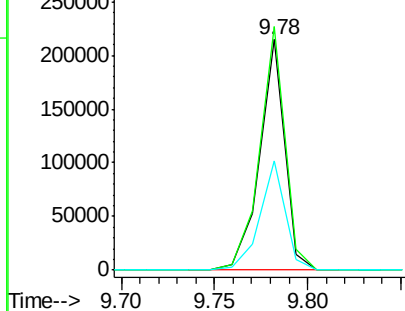


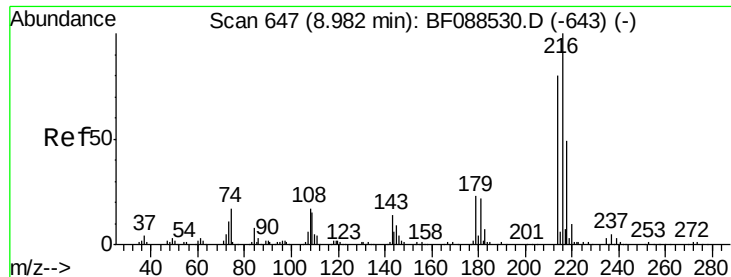
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:164 Resp: 196755
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.4 128.2
 160 47.4 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: 46.99 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 307497

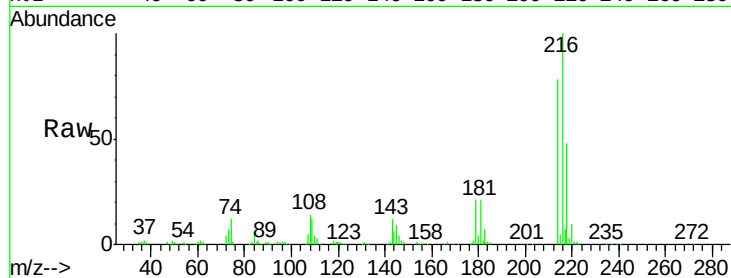
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 22.7 0.0 0.0#

108 19.8 0.5 0.7#

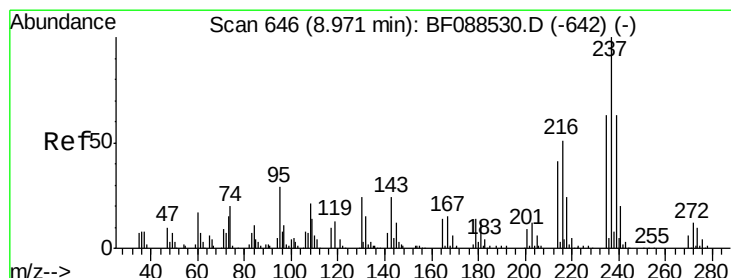
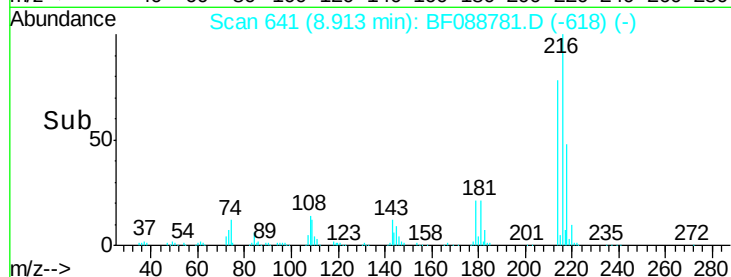
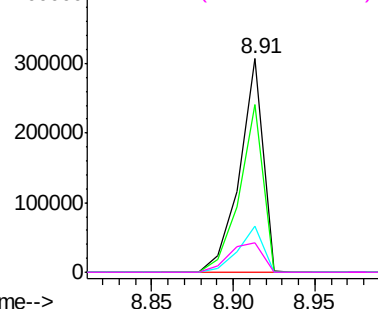


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.25 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

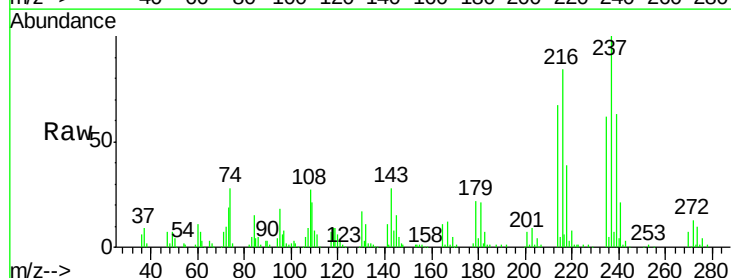
Tgt Ion:237 Resp: 129296

Ion Ratio Lower Upper

237 100

235 62.2 43.4 83.4

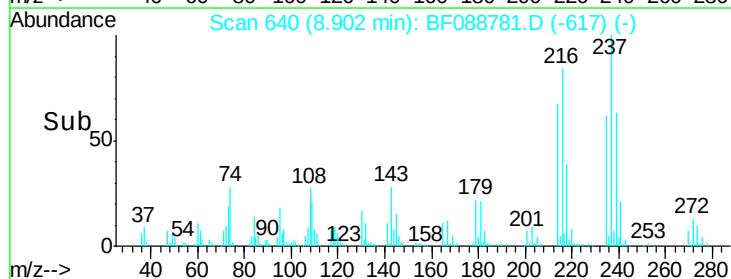
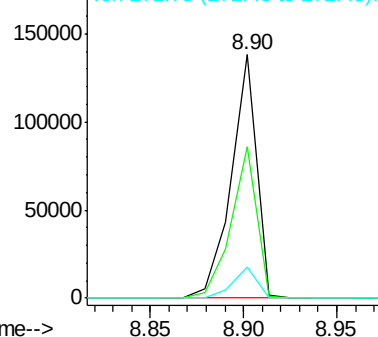
272 12.7 0.0 32.3

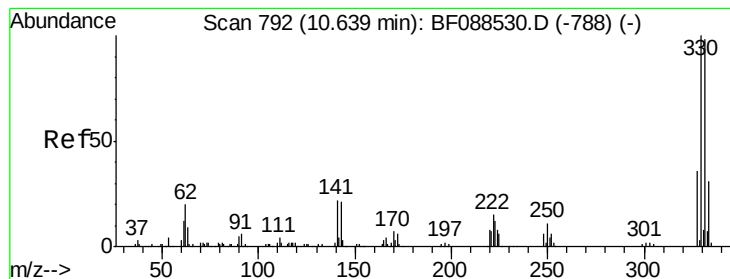


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

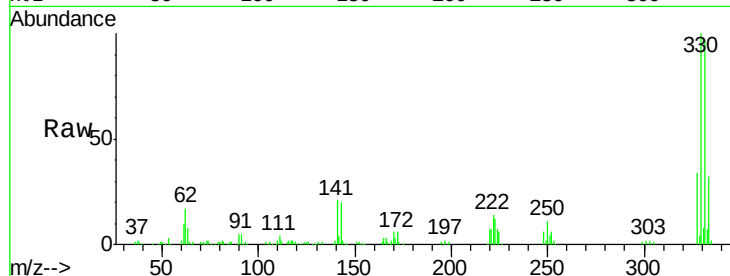




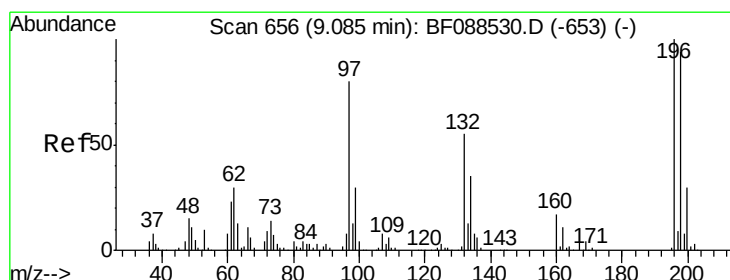
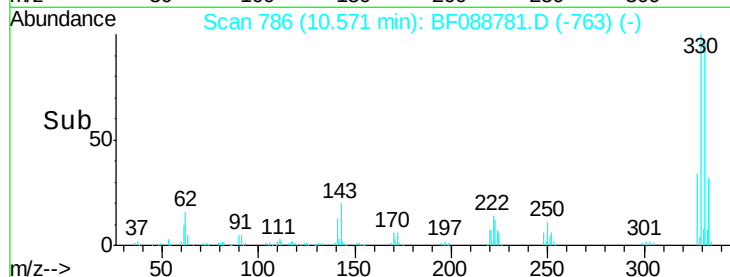
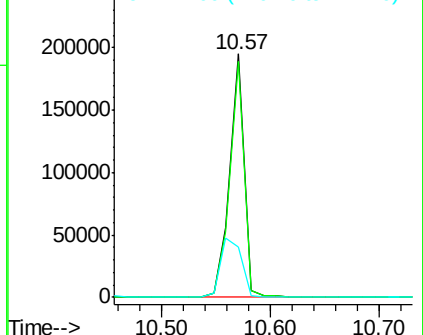
#41
 2,4,6-Tribromophenol
 Concen: 99.16 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 181172
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 35.1 0.0 0.0#

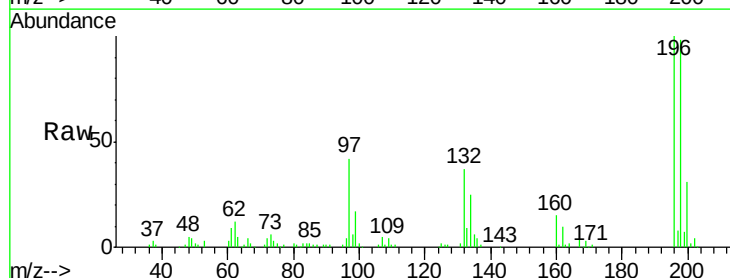


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

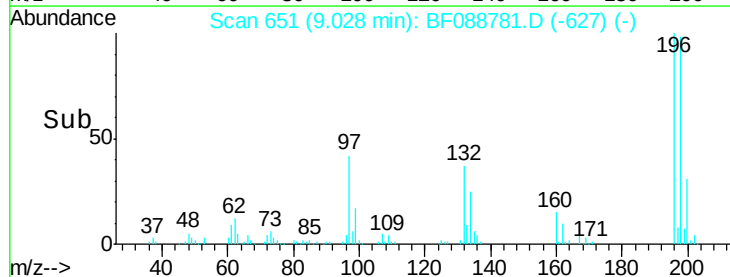
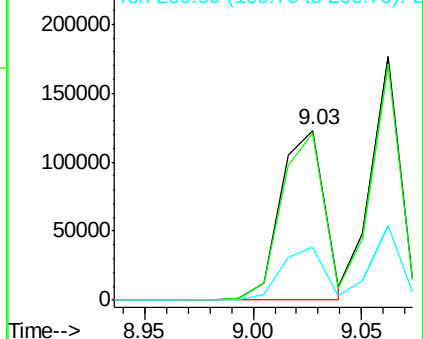


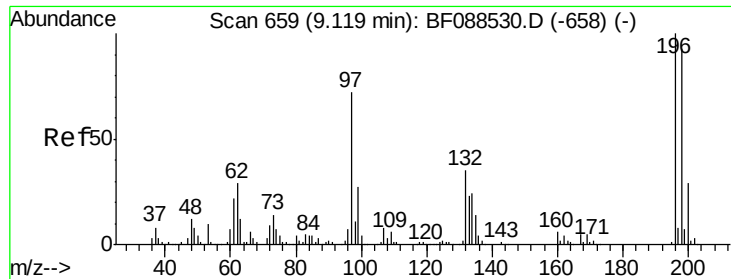
#42
 2,4,6-Trichlorophenol
 Concen: 40.00 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:196 Resp: 172593
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.0 117.0
 200 31.5 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

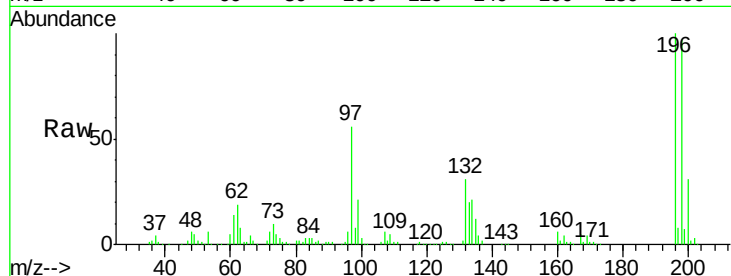




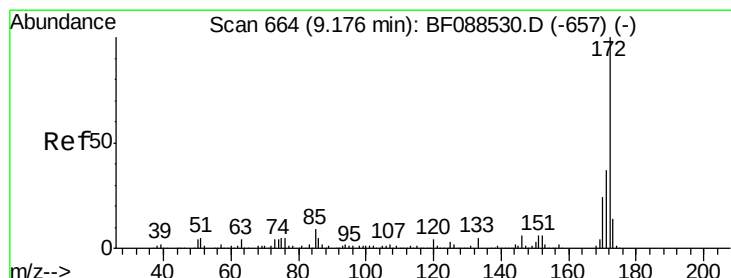
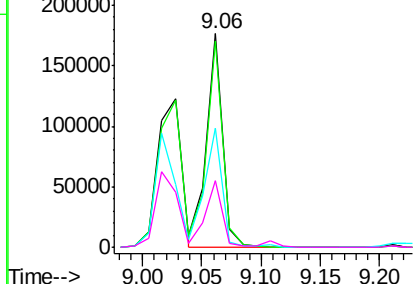
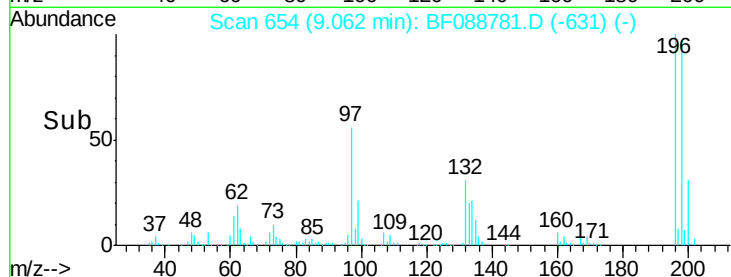
#43
 2,4,5-Trichlorophenol
 Concen: 45.21 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 167818
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.5 116.3
 97 55.9 32.0 48.0#
 132 30.9 20.9 31.3

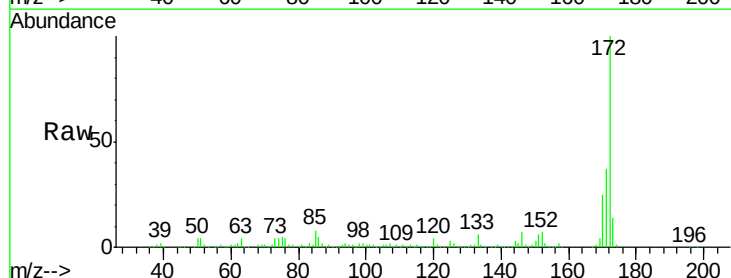


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

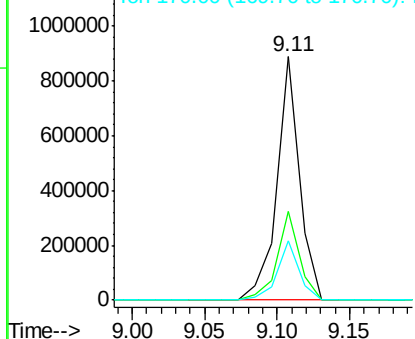
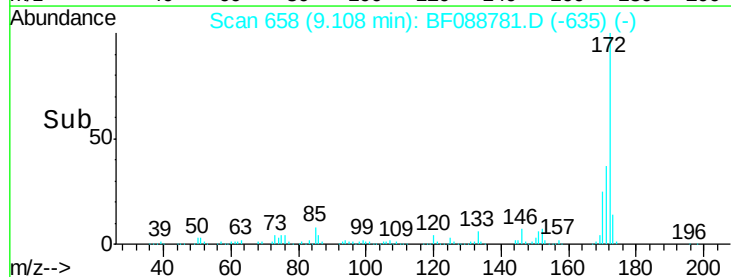


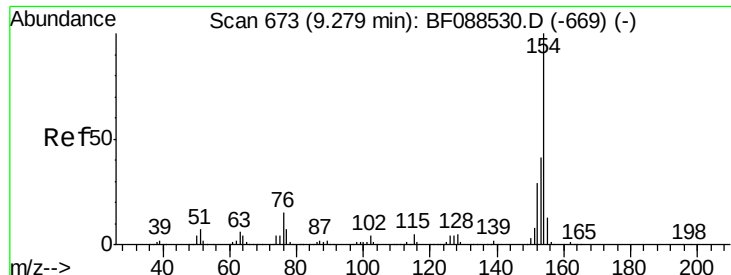
#44
 2-Fluorobiphenyl
 Concen: 76.94 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:172 Resp: 958415
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 43.0
 170 24.5 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: 44.50 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

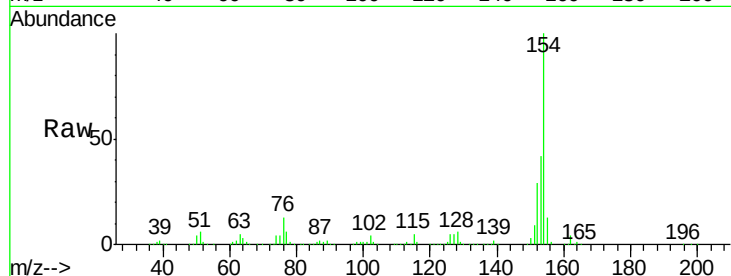
Tgt Ion:154 Resp: 725085

Ion Ratio Lower Upper

154 100

153 41.9 20.6 60.6

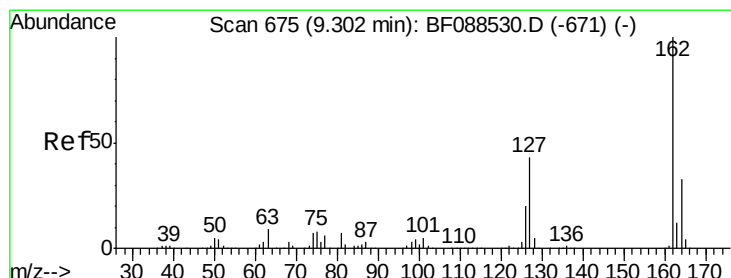
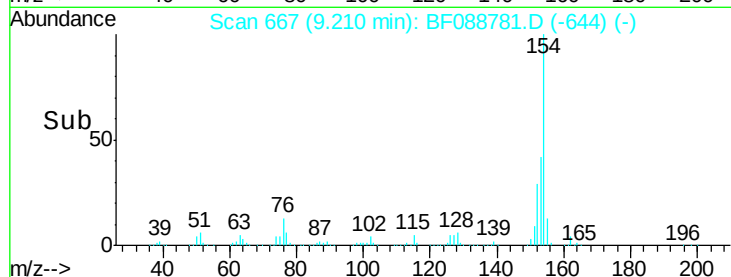
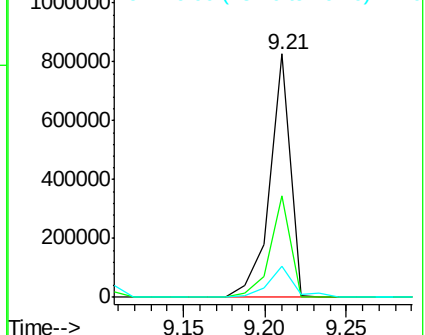
76 12.6 0.0 35.1



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: 43.67 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

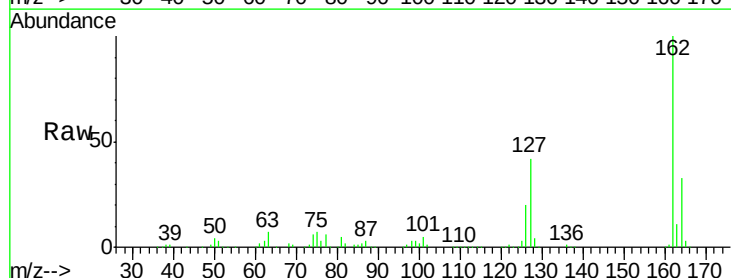
Tgt Ion:162 Resp: 558570

Ion Ratio Lower Upper

162 100

127 42.3 35.2 52.8

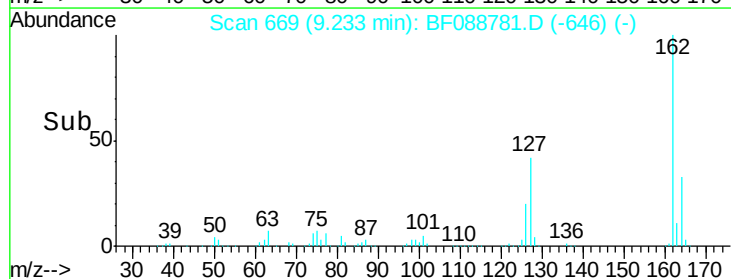
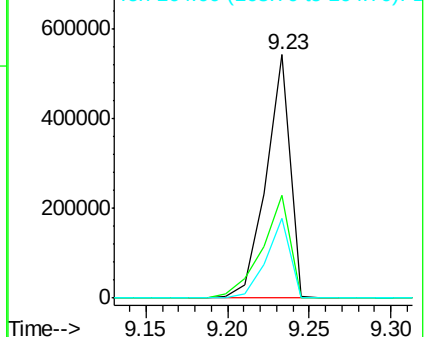
164 32.9 26.6 39.8

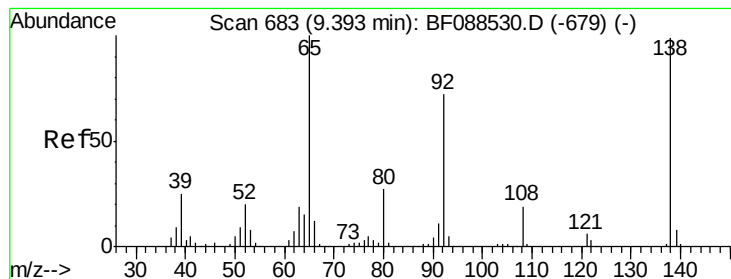


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.79 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

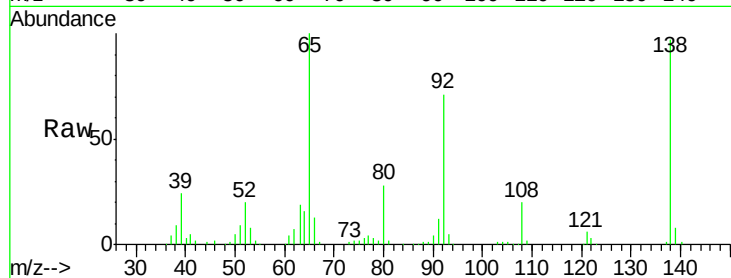
Tgt Ion: 65 Resp: 166990

Ion Ratio Lower Upper

65 100

92 70.7 54.6 82.0

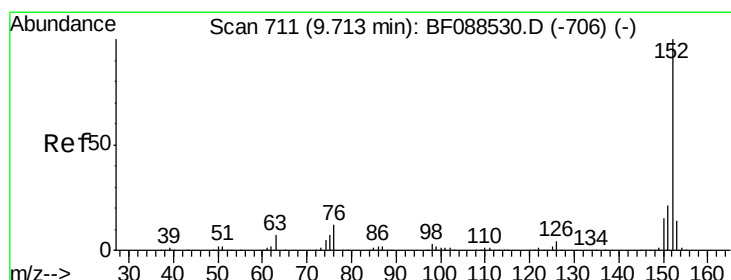
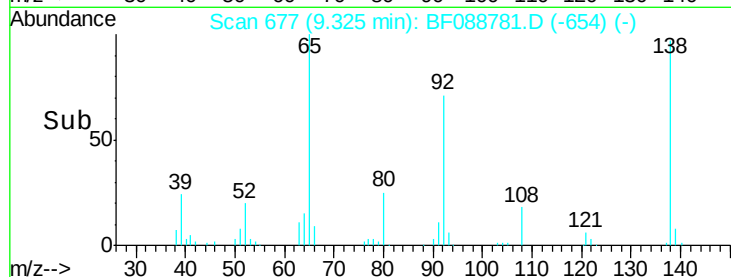
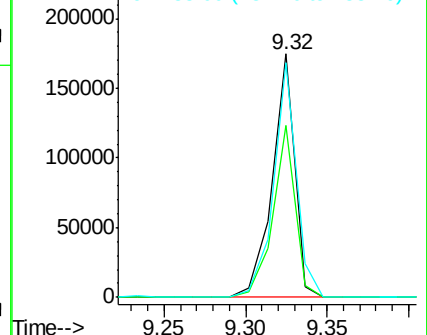
138 96.6 77.0 115.4



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): E



#48

Acenaphthylene

Concen: 42.04 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

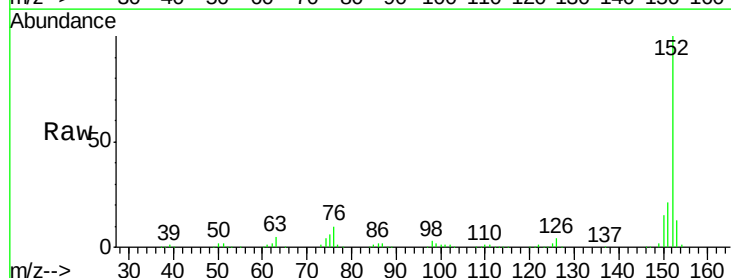
Tgt Ion: 152 Resp: 855517

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

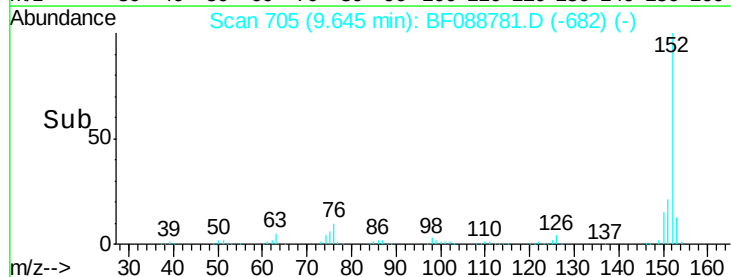
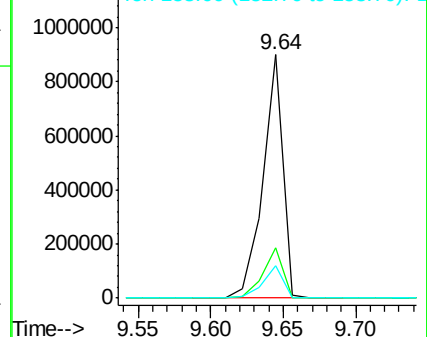
153 13.3 11.0 16.6

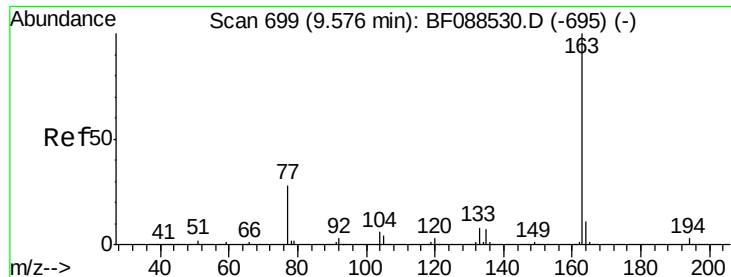


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.61 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

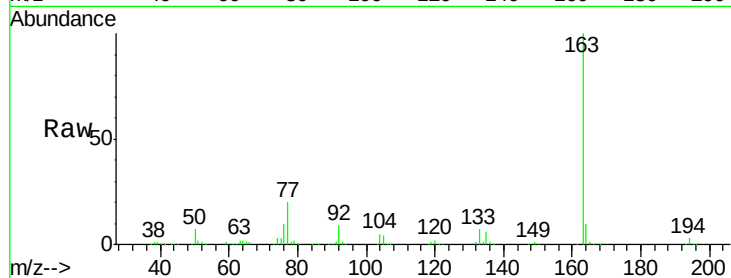
Tgt Ion:163 Resp: 611349

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

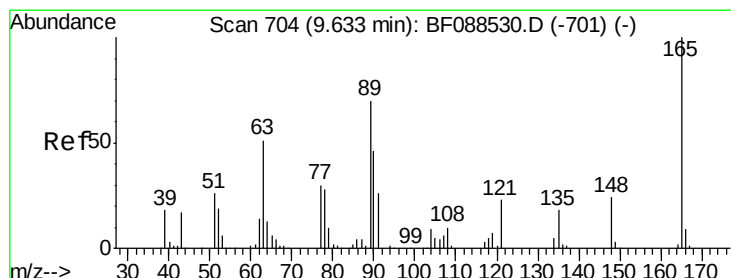
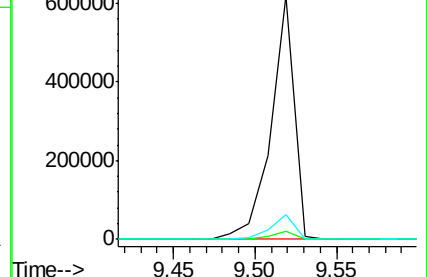
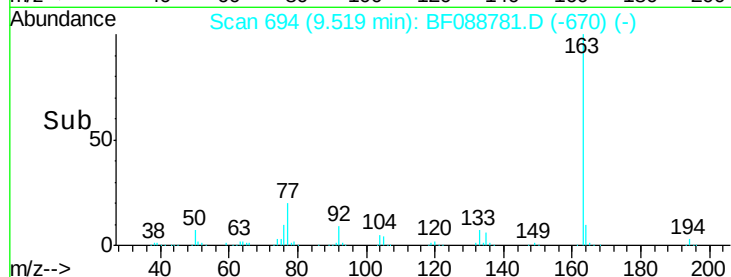
164 10.0 8.3 12.5



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: 47.51 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

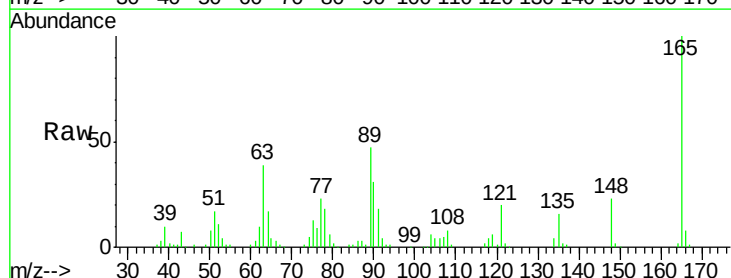
Tgt Ion:165 Resp: 147592

Ion Ratio Lower Upper

165 100

63 38.6 28.1 42.1

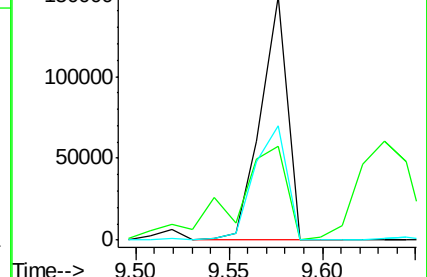
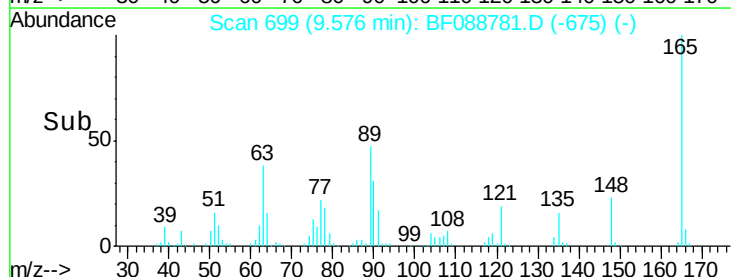
89 46.7 32.2 48.2

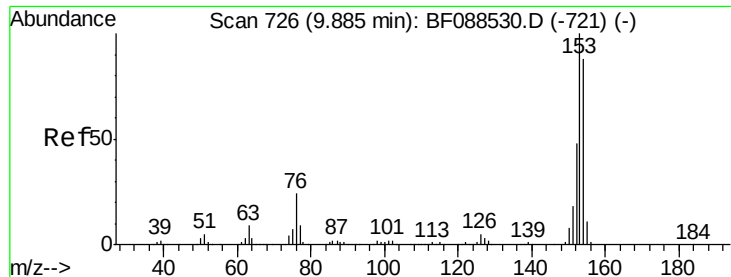


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.27 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

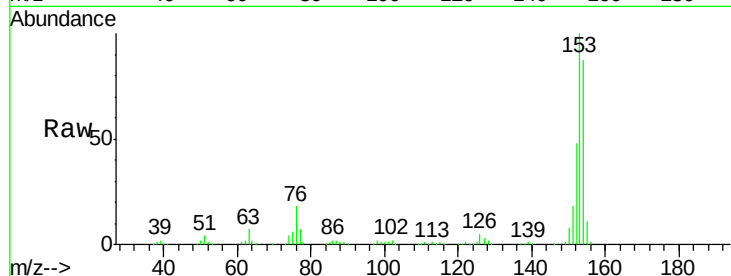
Tgt Ion:154 Resp: 527259

Ion Ratio Lower Upper

154 100

153 114.5 89.5 134.3

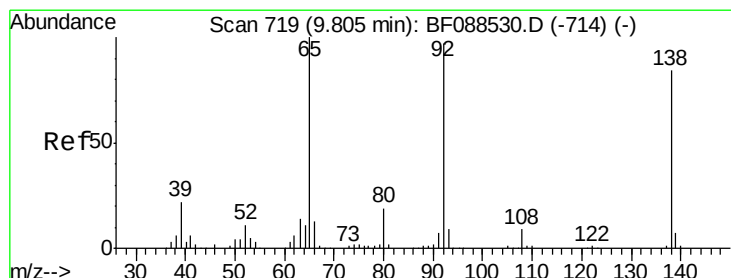
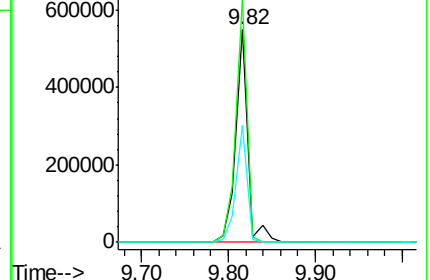
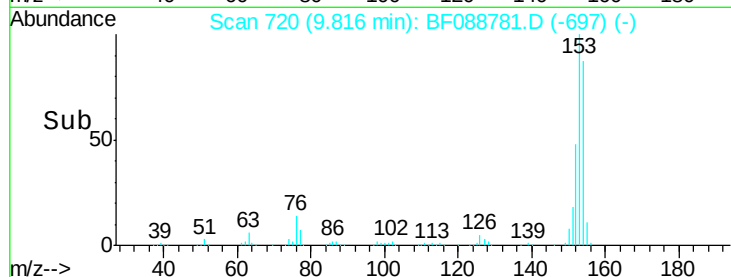
152 54.8 42.7 64.1



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: 33.56 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

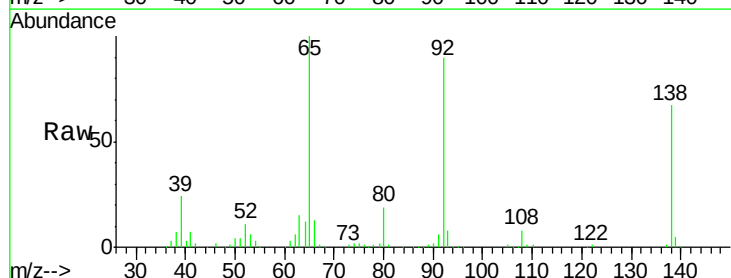
Tgt Ion:138 Resp: 132544

Ion Ratio Lower Upper

138 100

108 12.2 8.5 12.7

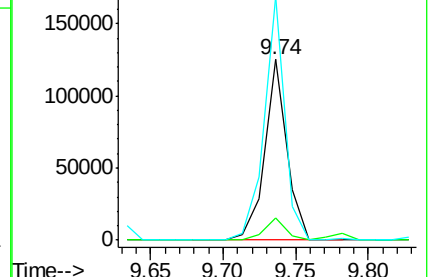
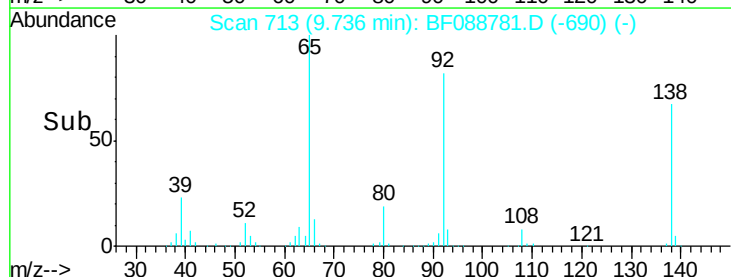
92 135.1 95.7 143.5

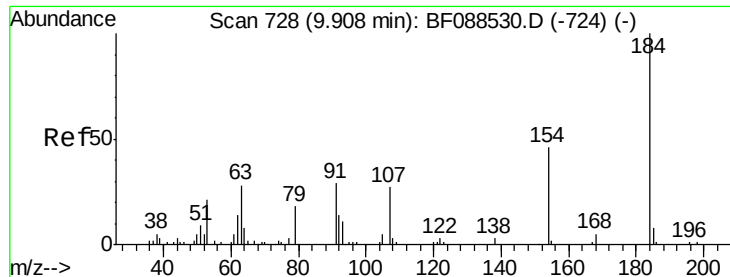


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

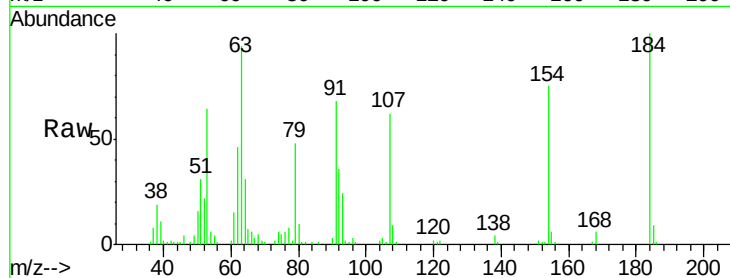




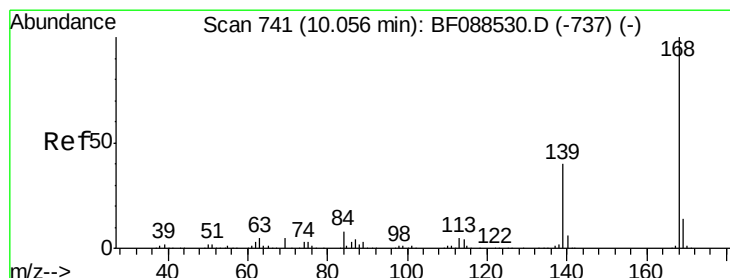
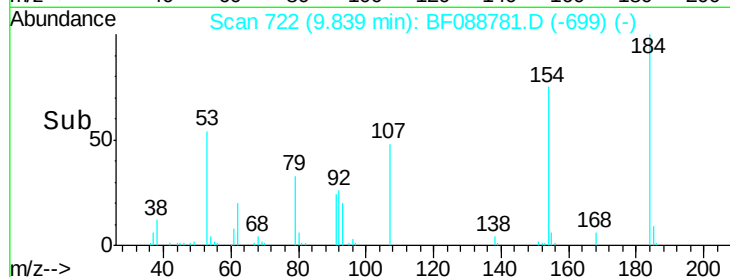
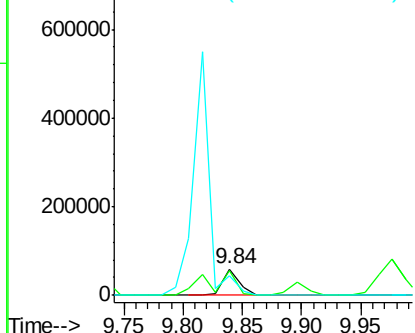
#53
2,4-Dinitrophenol
Concen: 42.84 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 58772
Ion Ratio Lower Upper
184 100
63 93.5 57.6 86.4#
154 74.7 53.5 80.3

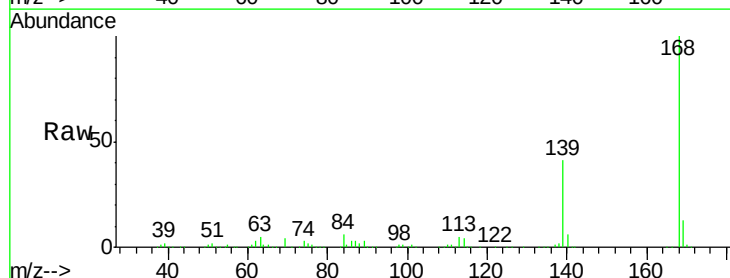


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

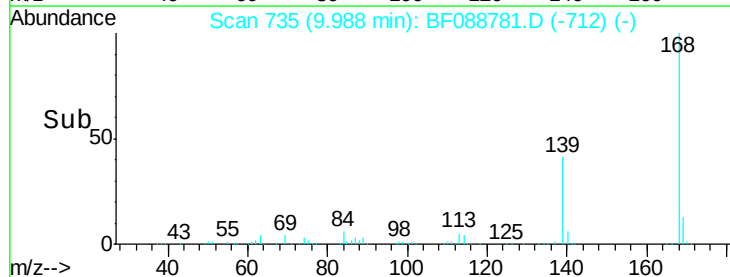
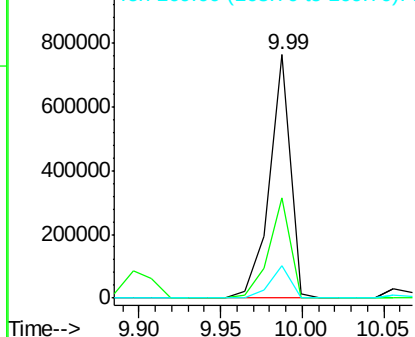


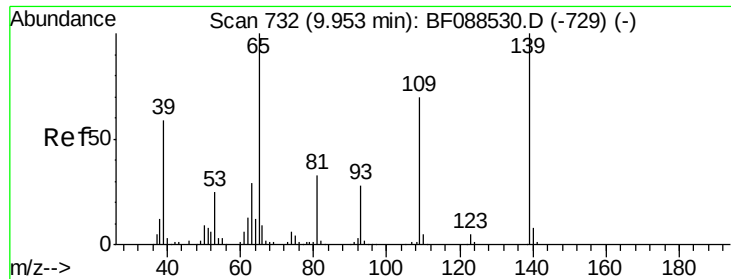
#54
Dibenzofuran
Concen: 41.54 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:168 Resp: 678243
Ion Ratio Lower Upper
168 100
139 41.3 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

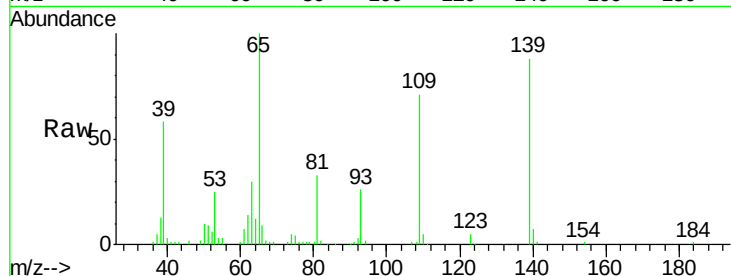




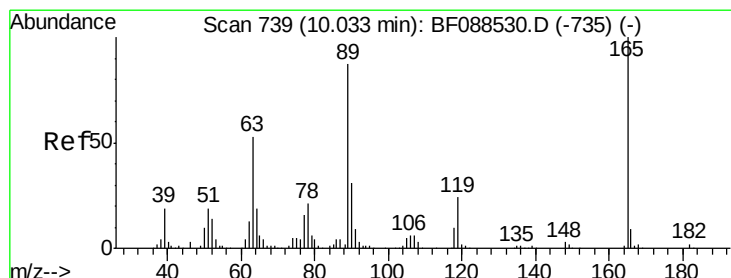
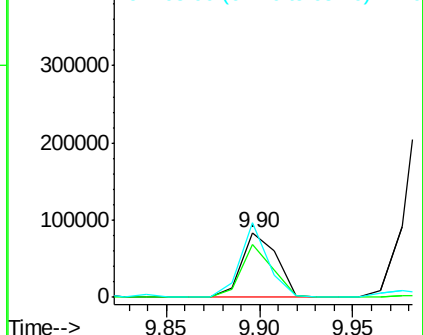
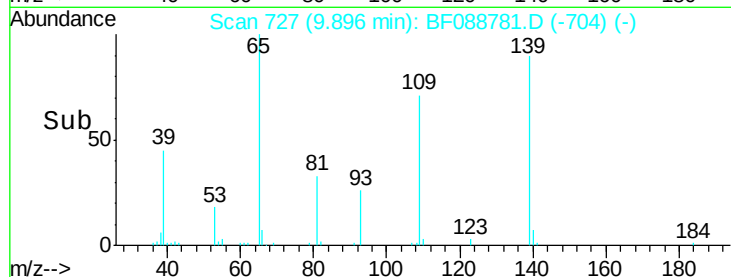
#55
4-Nitrophenol
Concen: 36.42 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 109291
Ion Ratio Lower Upper
139 100
109 80.7 48.9 88.9
65 114.0 84.9 124.9

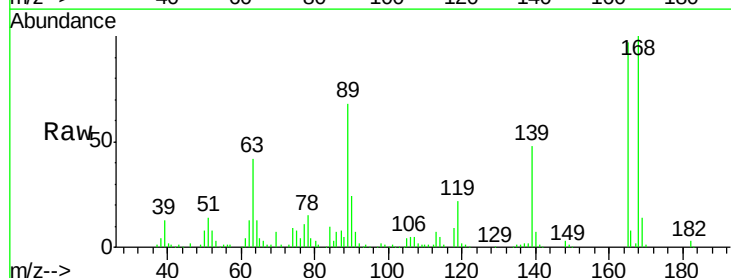


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

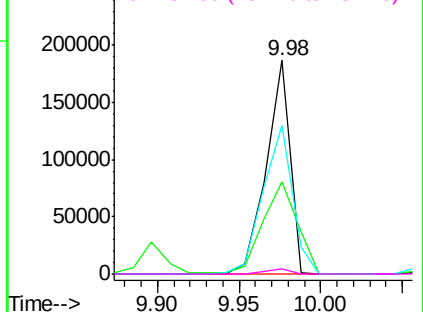
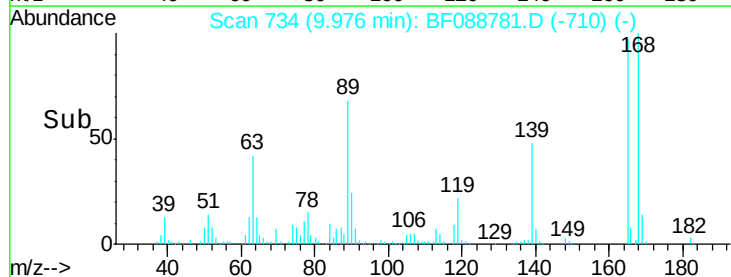


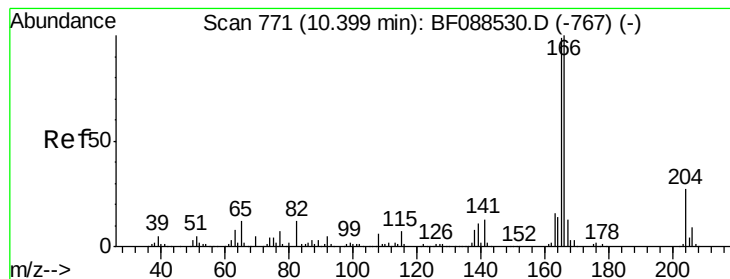
#56
2,4-Dinitrotoluene
Concen: 46.60 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:165 Resp: 189268
Ion Ratio Lower Upper
165 100
63 43.3 22.0 33.0#
89 69.8 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: 45.21 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

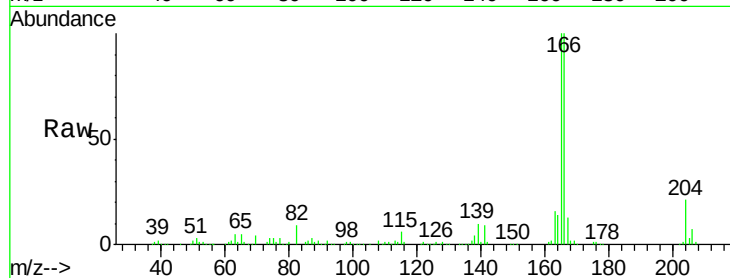
Tgt Ion:166 Resp: 568837

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

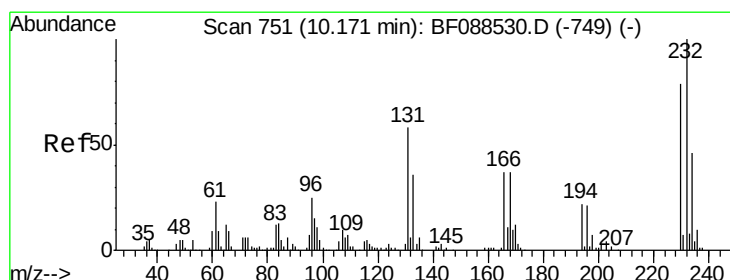
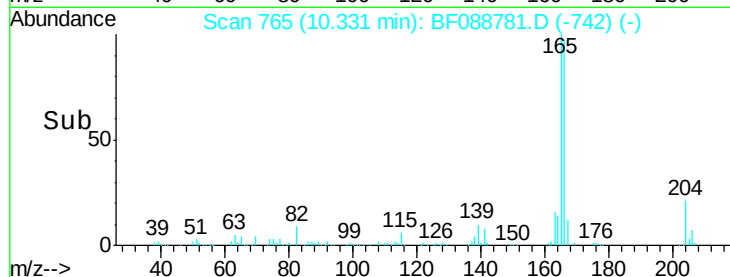
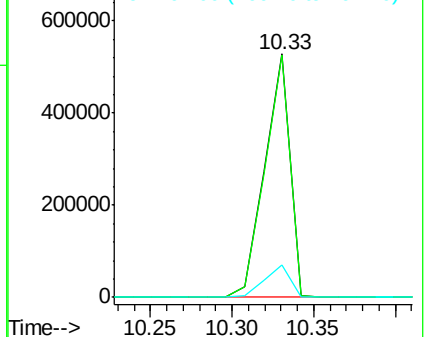
167 13.1 11.2 16.8



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: 41.63 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Tgt Ion:232 Resp: 119564

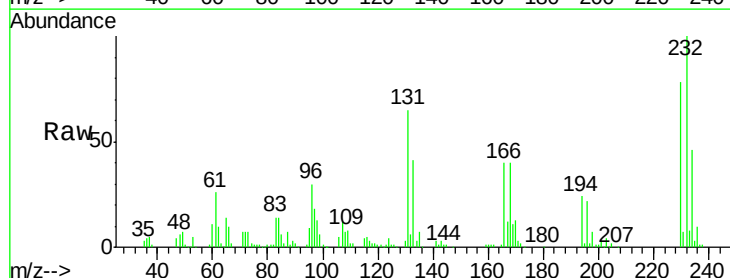
Ion Ratio Lower Upper

232 100

131 57.4 0.9 1.3#

130 2.9 1.5 2.3#

166 36.2 0.5 0.7#

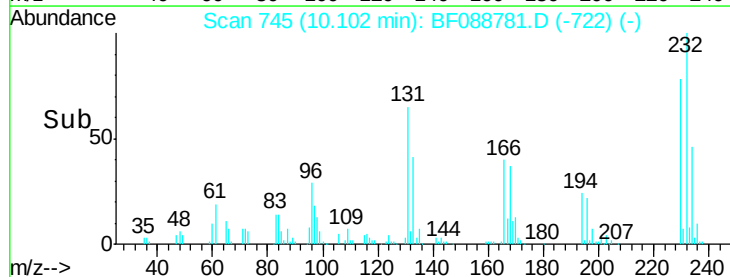
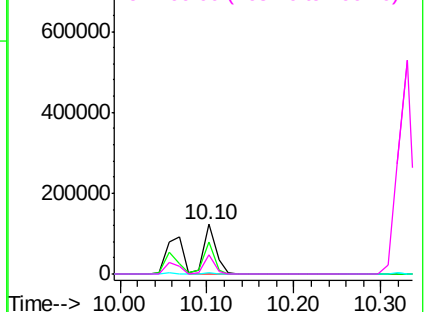


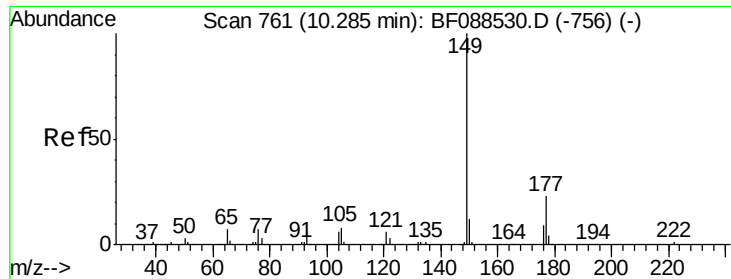
Abundance Ion 232.00 (231.70 to 232.70): E

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

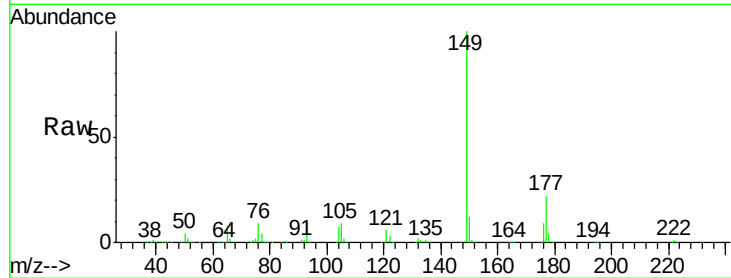




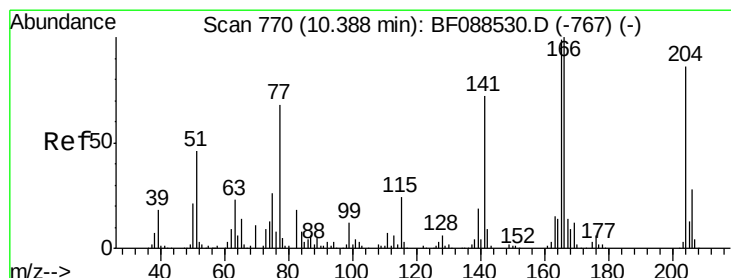
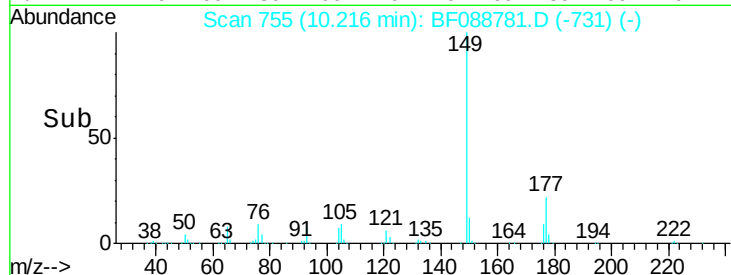
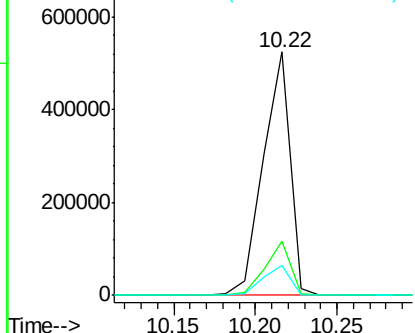
#59
Diethylphthalate
Concen: 42.81 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 602263
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.5 10.1 15.1

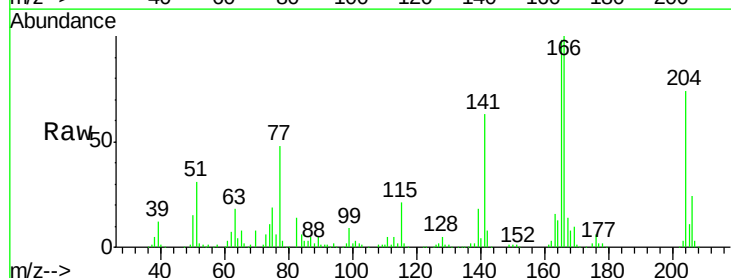


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

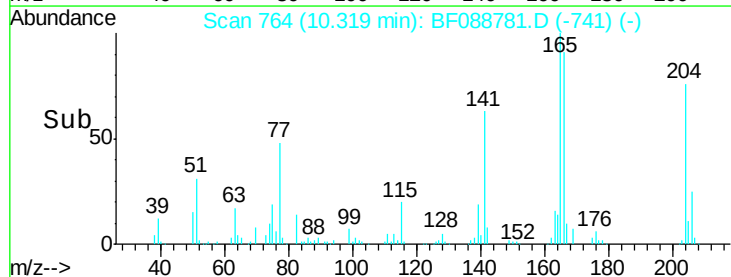
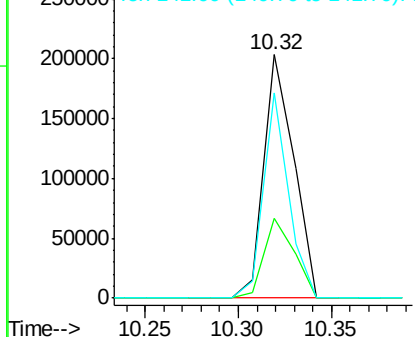


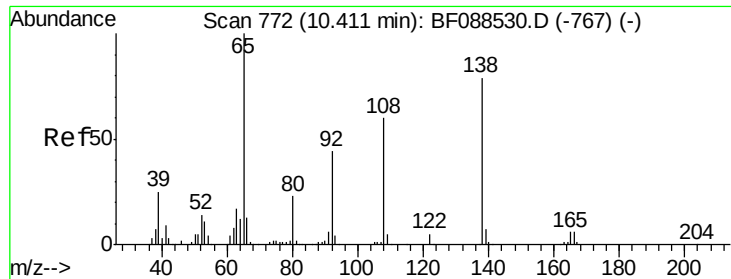
#60
4-Chlorophenyl-phenylether
Concen: 38.43 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:204 Resp: 224693
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 84.3 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

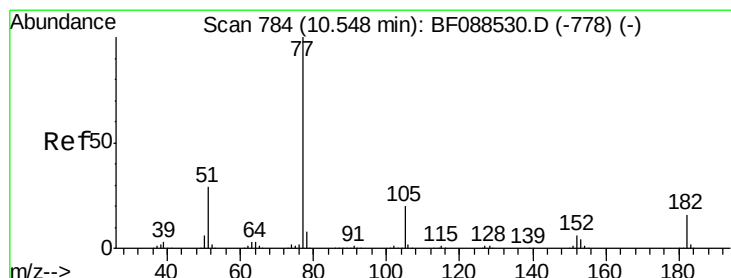
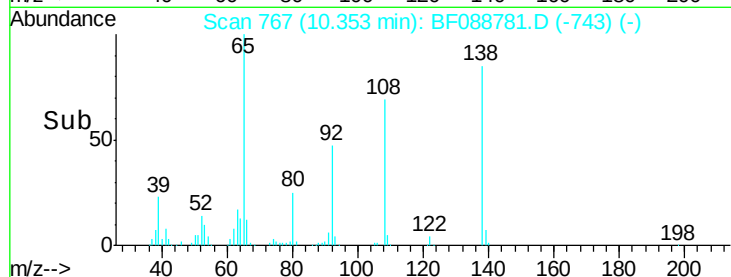
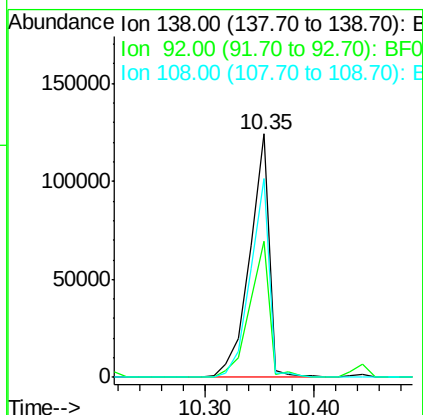
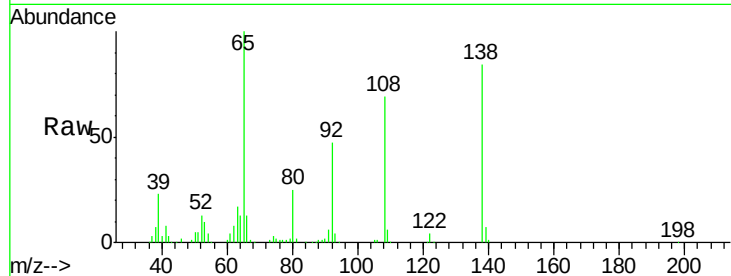




#61
4-Nitroaniline
Concen: 40.86 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

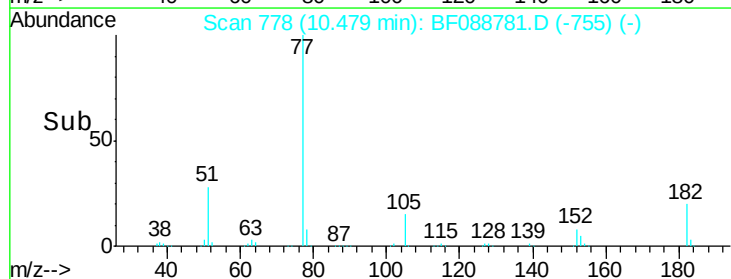
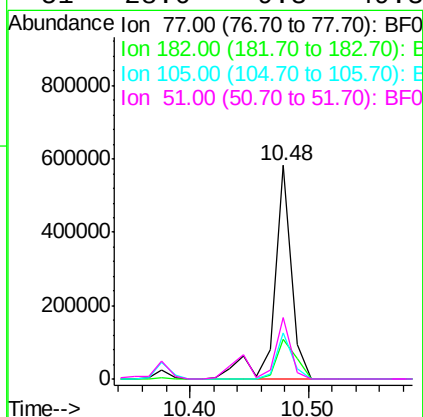
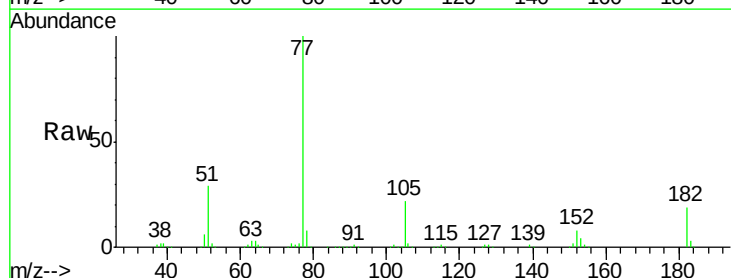
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

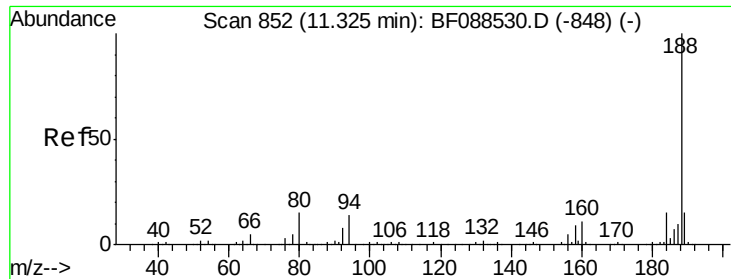
Tgt Ion:138 Resp: 155296
Ion Ratio Lower Upper
138 100
92 55.8 27.3 67.3
108 81.5 46.7 86.7



#62
Azobenzene
Concen: 36.77 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion: 77 Resp: 590000
Ion Ratio Lower Upper
77 100
182 18.8 4.4 44.4
105 21.9 3.8 43.8
51 28.6 9.3 49.3

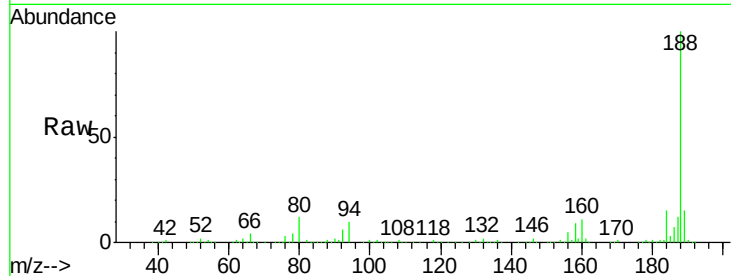




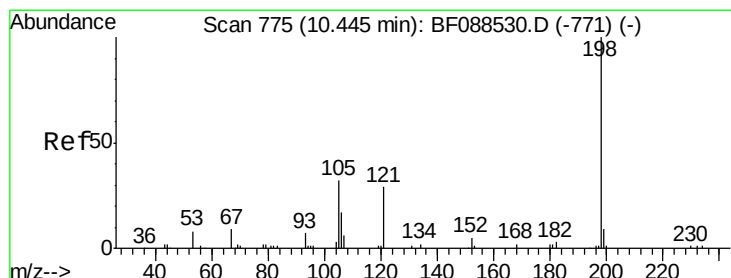
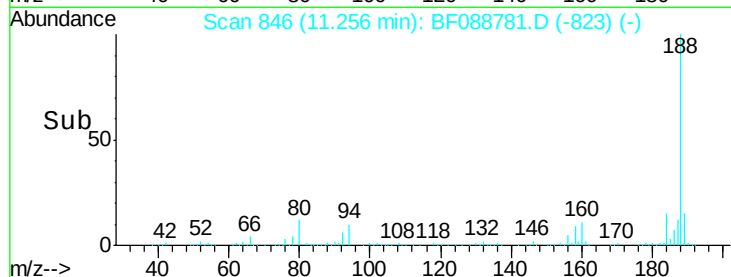
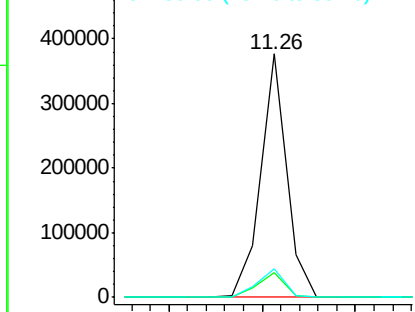
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 361310
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.8 10.0 15.0

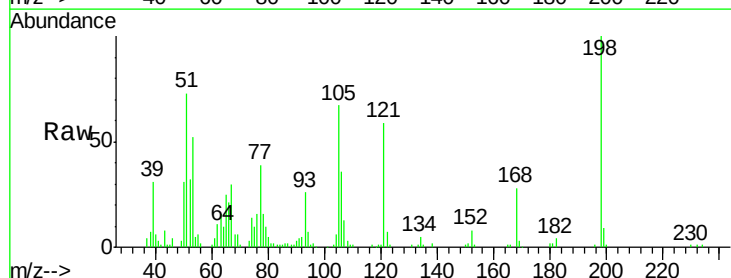


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

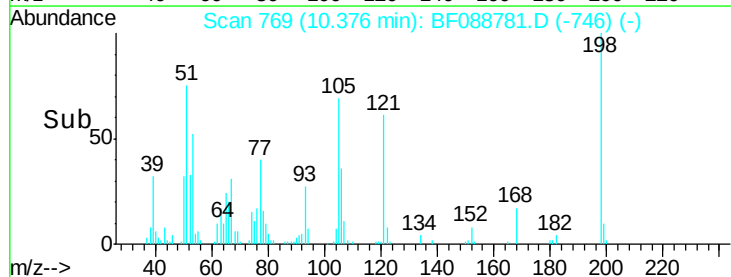
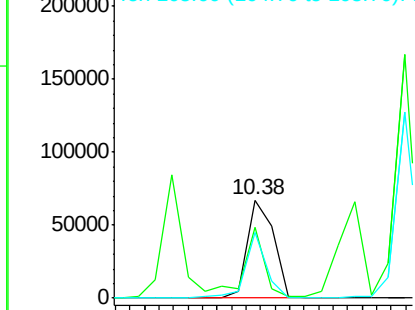


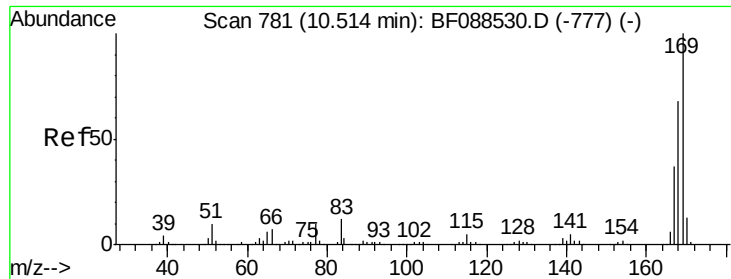
#64
4,6-Dinitro-2-methylphenol
Concen: 44.07 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:198 Resp: 85158
Ion Ratio Lower Upper
198 100
51 72.6 39.6 79.6
105 67.0 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

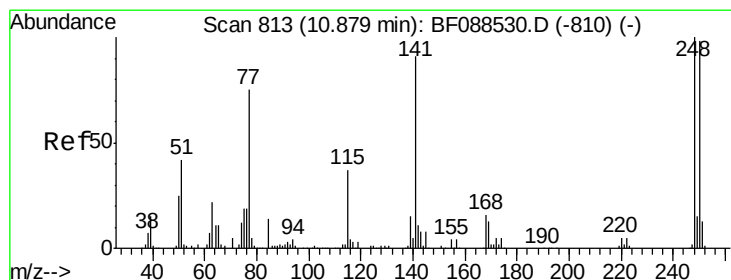
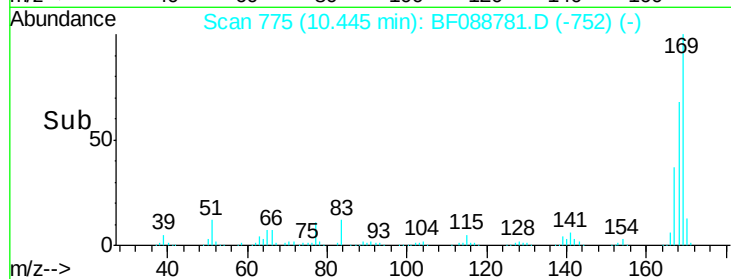
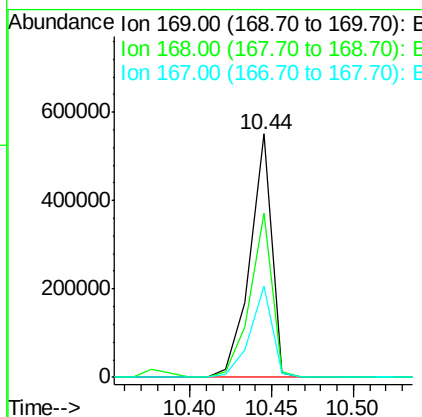
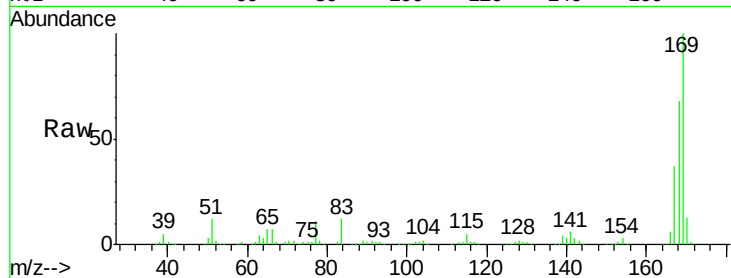




#65
 n-Nitrosodiphenylamine
 Concen: 42.05 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

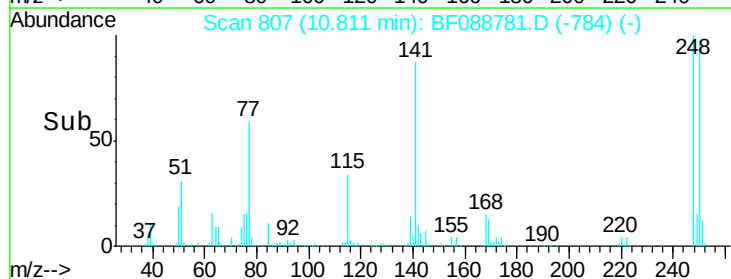
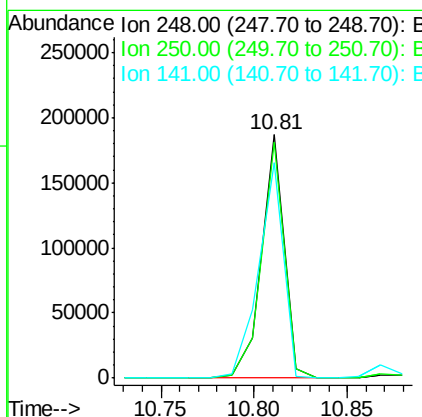
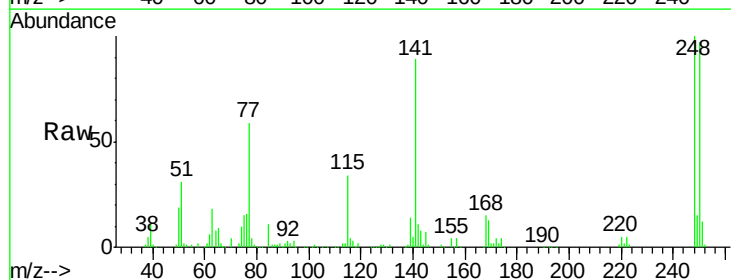
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

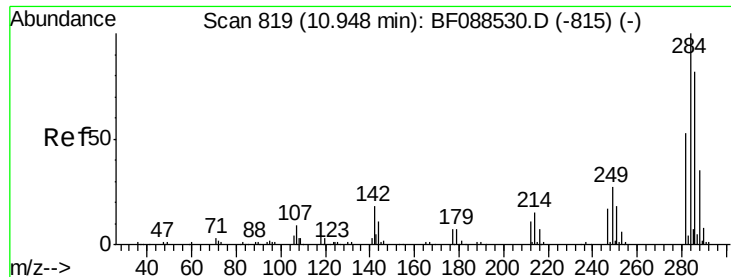
Tgt Ion:169 Resp: 514170
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.4 80.0
 167 37.3 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 42.84 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:248 Resp: 155966
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.1 115.7
 141 88.7 50.6 76.0#

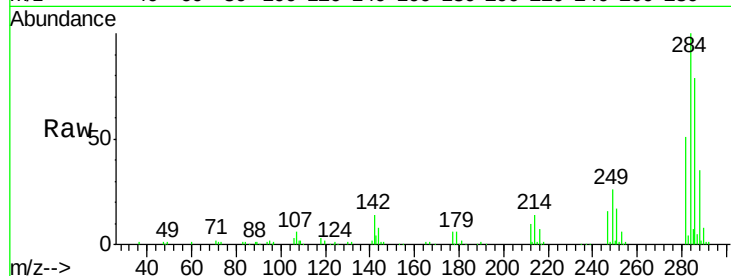




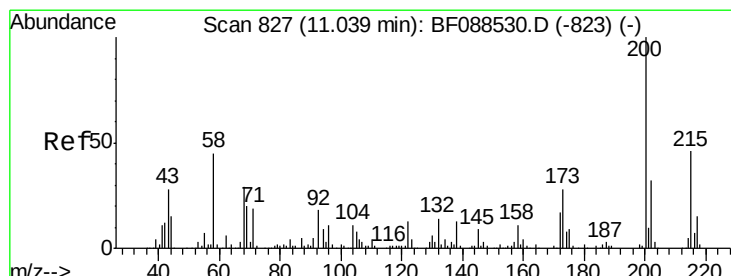
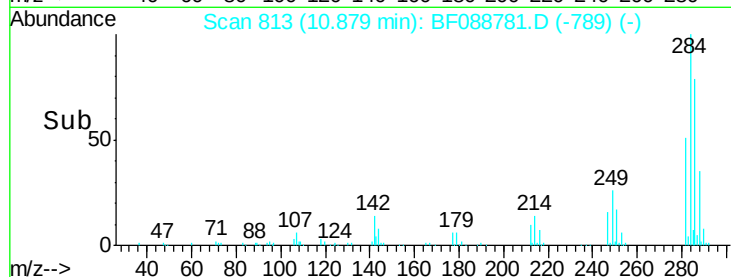
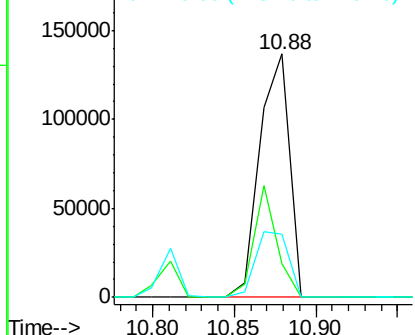
#67
Hexachlorobenzene
Concen: 42.89 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 172881
Ion Ratio Lower Upper
284 100
142 14.1 35.8 53.8#
249 26.1 25.8 38.6

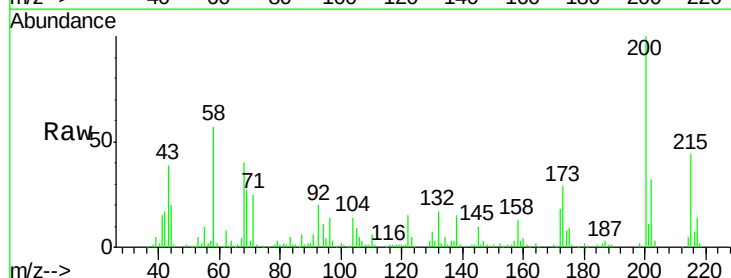


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

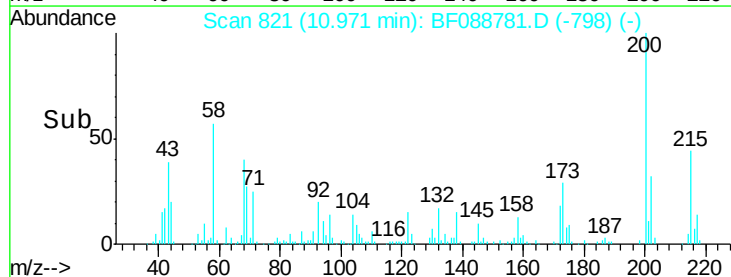
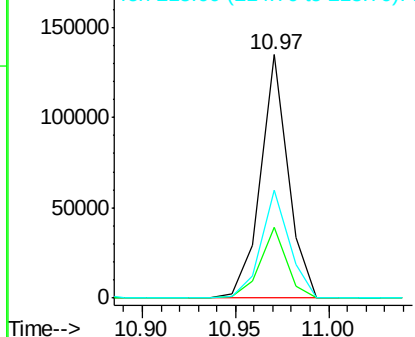


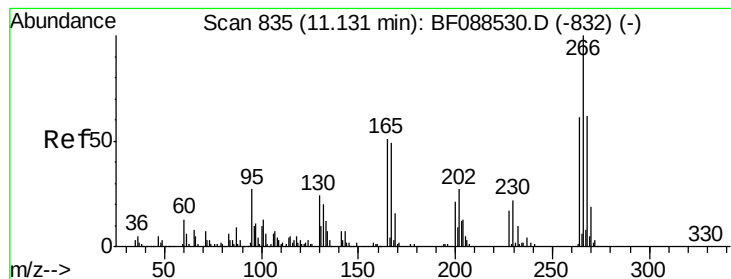
#68
Atrazine
Concen: 36.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:200 Resp: 137187
Ion Ratio Lower Upper
200 100
173 29.2 4.0 44.0
215 44.1 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: 38.39 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

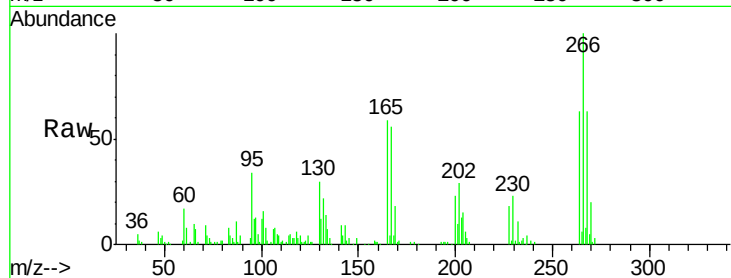
Tgt Ion:266 Resp: 91563

Ion Ratio Lower Upper

266 100

268 62.5 52.8 79.2

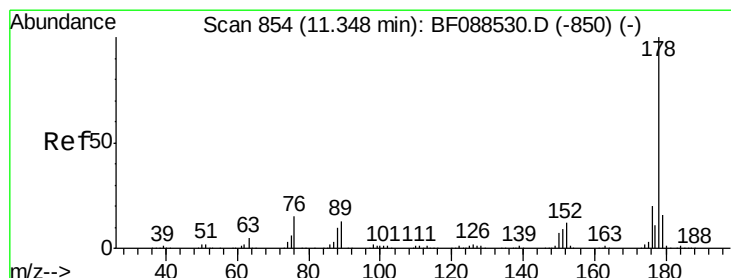
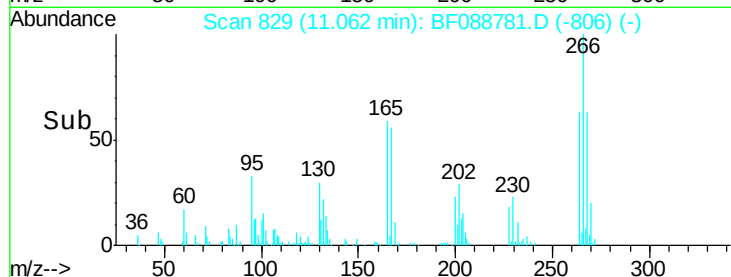
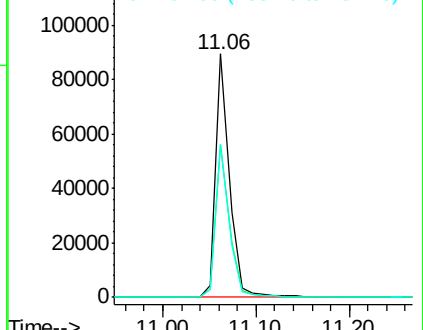
264 62.9 49.6 74.4



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: 35.27 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

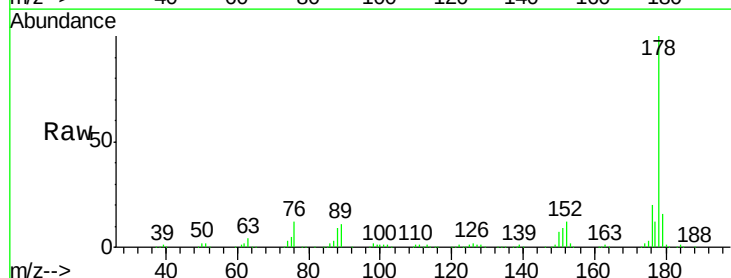
Tgt Ion:178 Resp: 696638

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

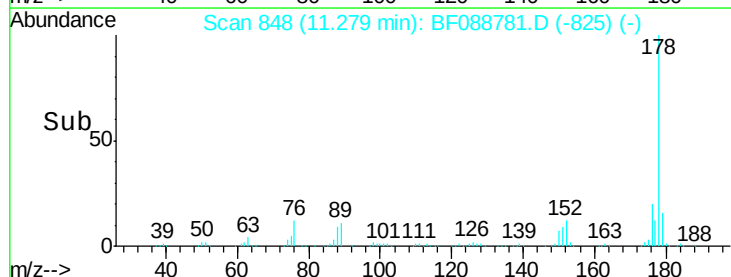
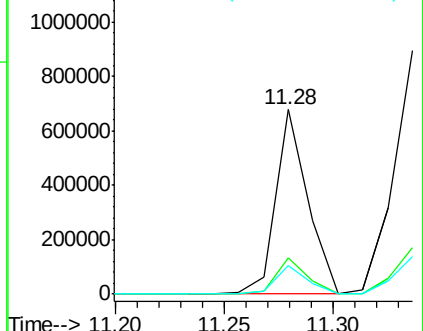
179 15.9 13.0 19.4

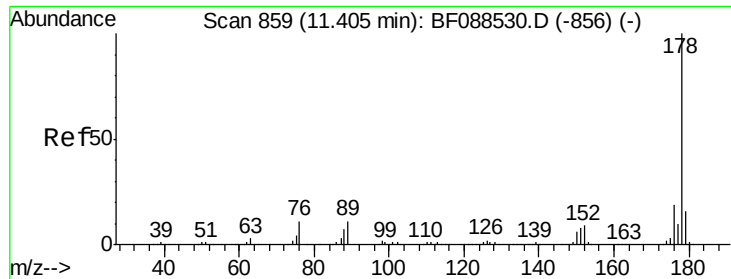


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

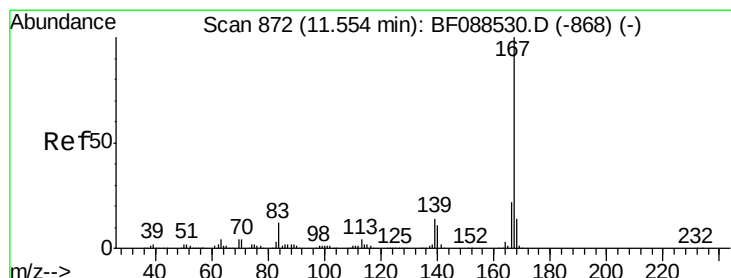
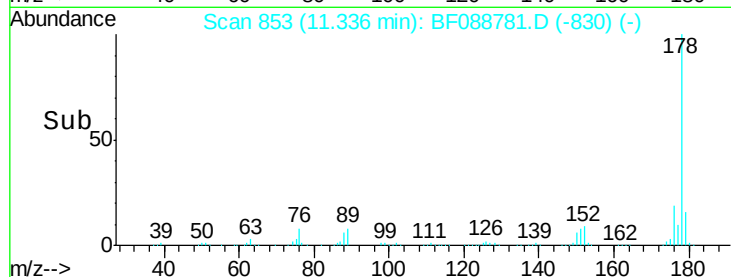
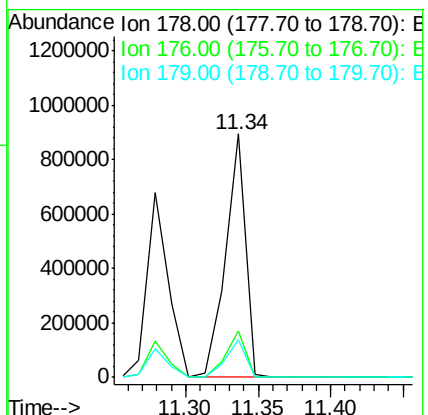
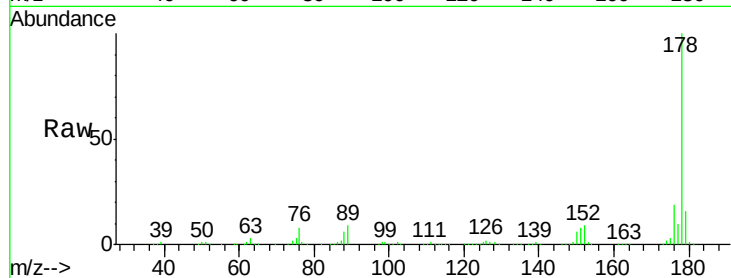




#71
 Anthracene
 Concen: 43.35 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

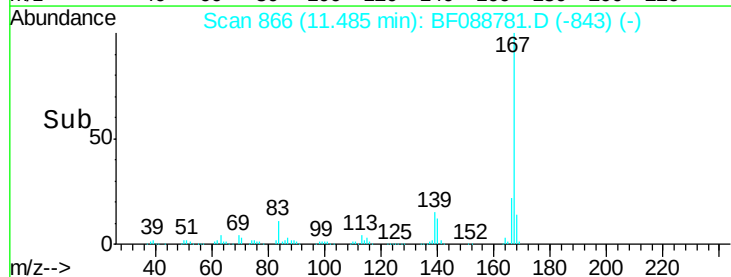
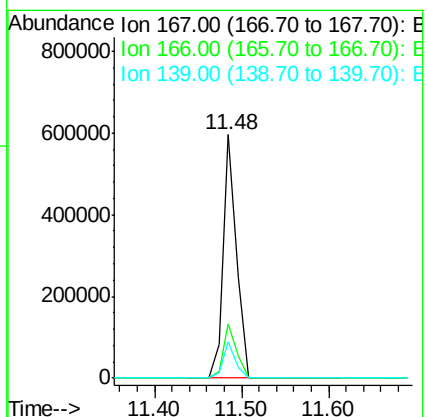
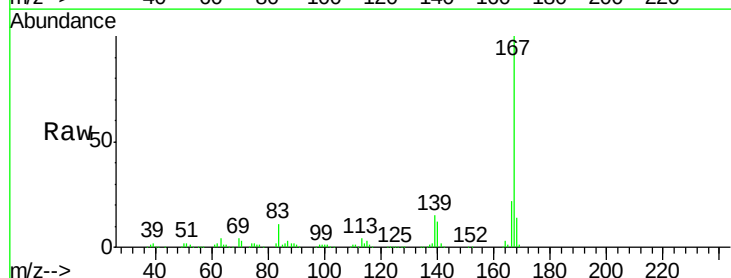
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

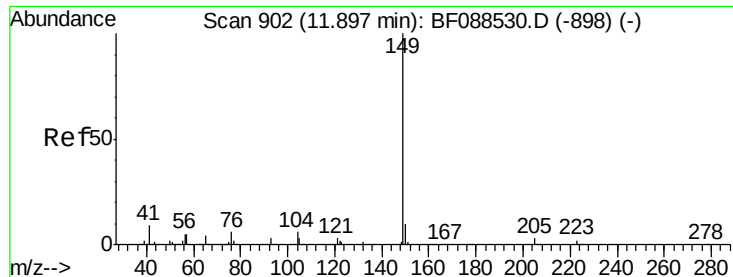
Tgt Ion:178 Resp: 851309
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 34.64 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion:167 Resp: 640218
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 14.9 11.2 16.8





#73

Di-n-butylphthalate

Concen: 38.41 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

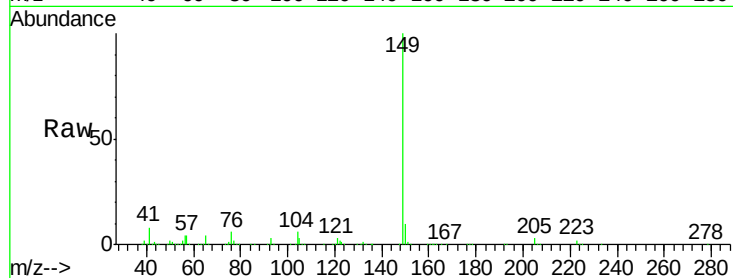
Tgt Ion:149 Resp: 825838

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

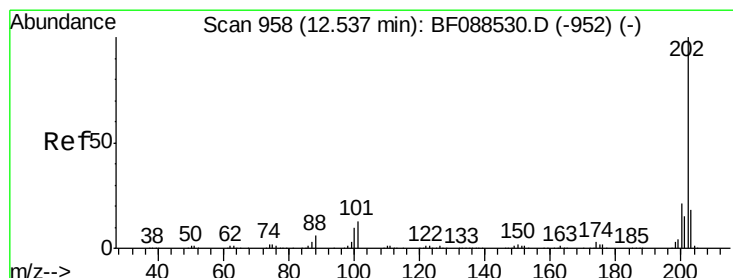
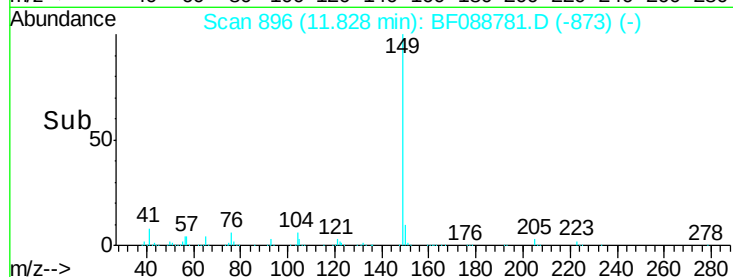
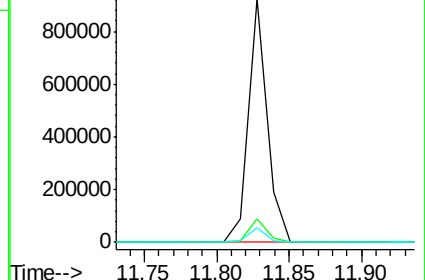
104 5.9 4.0 6.0



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: 42.58 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

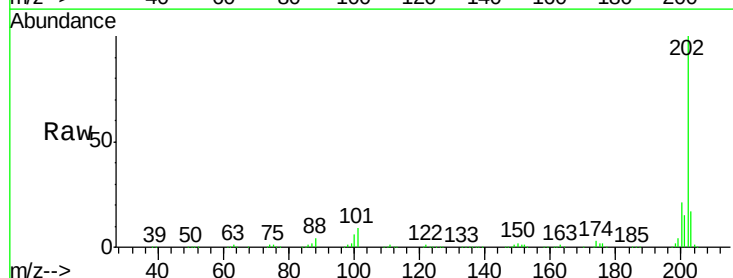
Tgt Ion:202 Resp: 852520

Ion Ratio Lower Upper

202 100

101 8.6 0.0 33.1

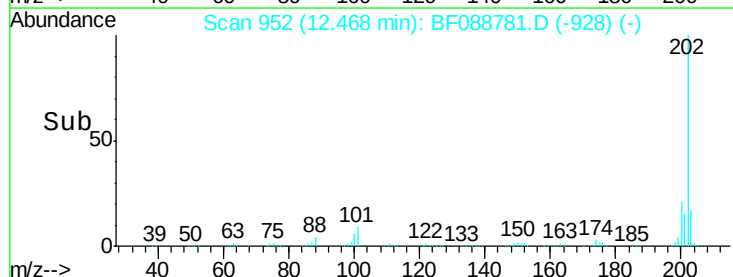
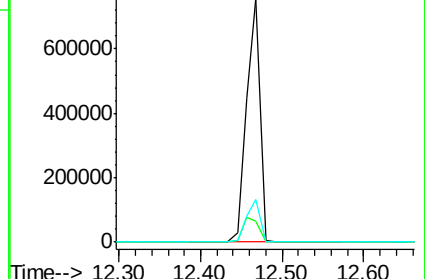
203 17.3 0.0 38.1

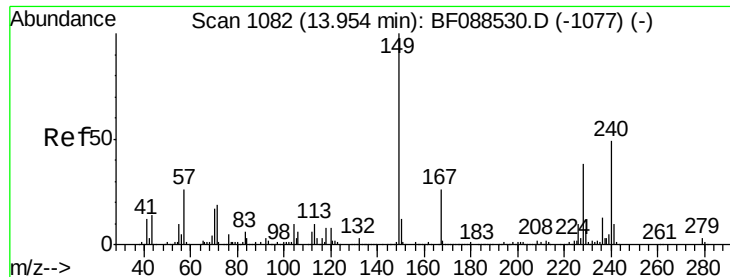


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

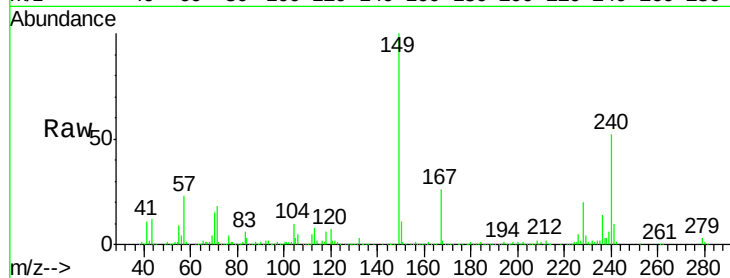
Tgt Ion:240 Resp: 260995

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

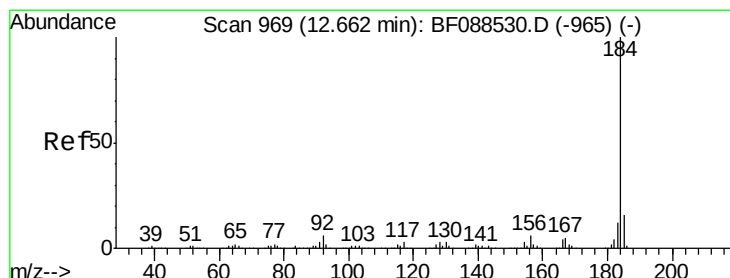
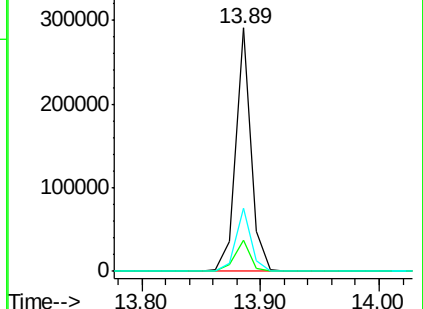
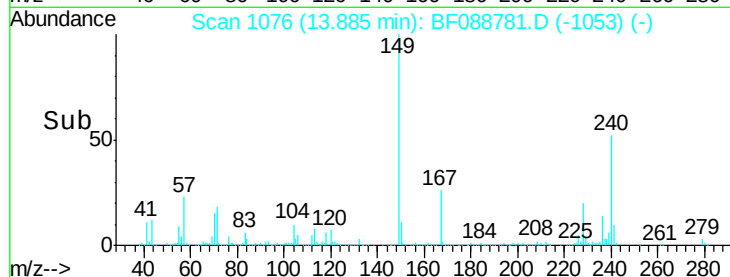
236 25.9 20.2 30.2



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: 42.16 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

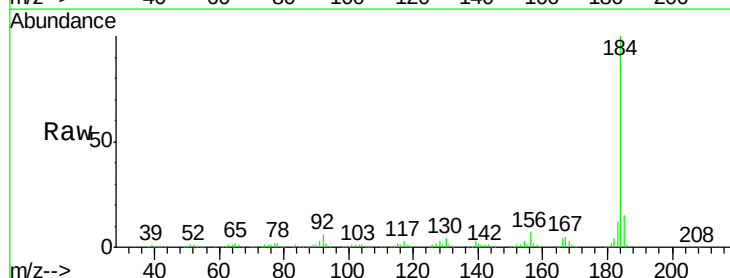
Tgt Ion:184 Resp: 556140

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

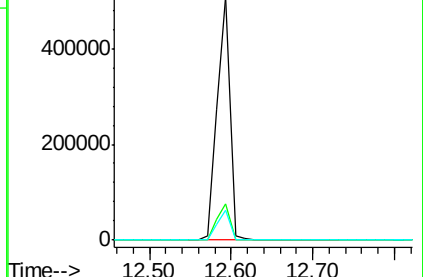
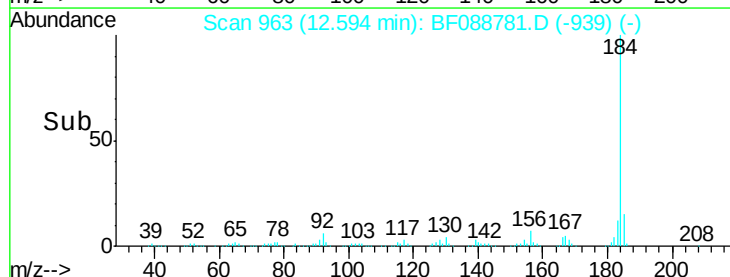
183 12.3 9.3 13.9

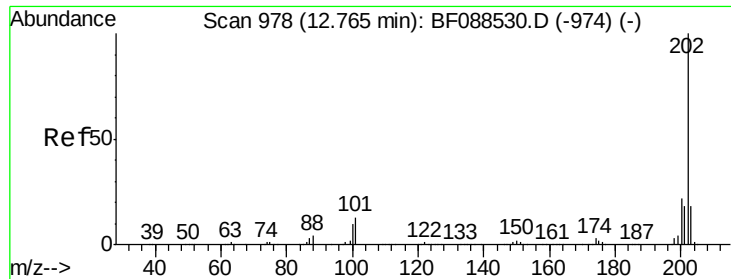


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

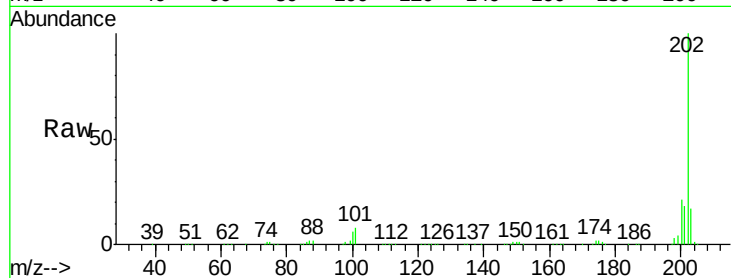




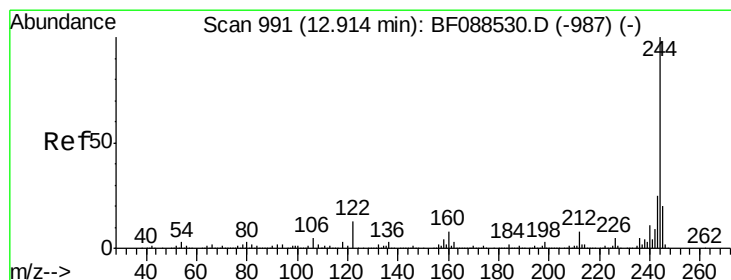
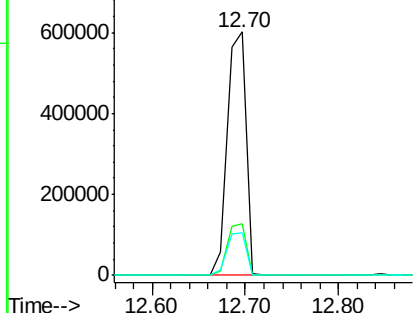
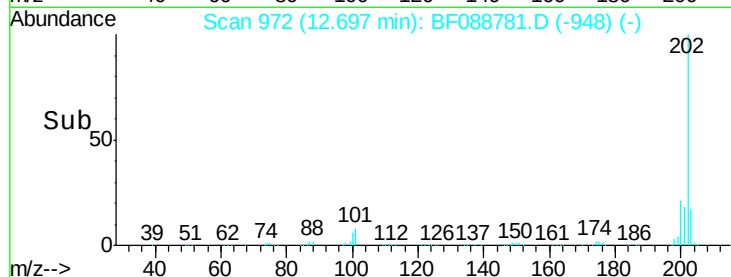
#77
Pyrene
 Concen: 38.19 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.5	21.7

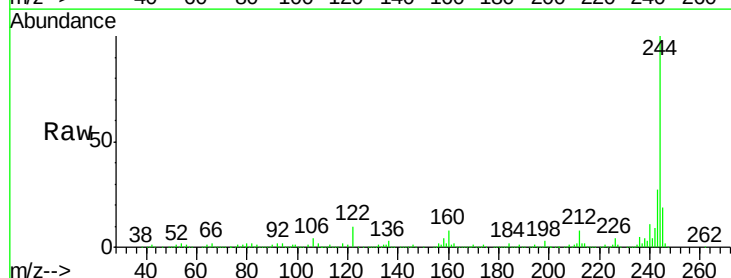


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

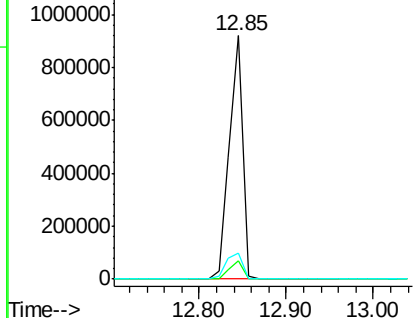
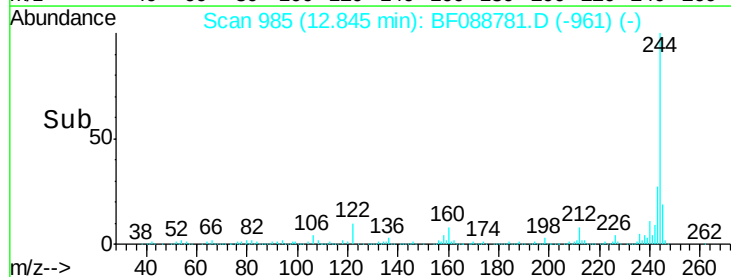


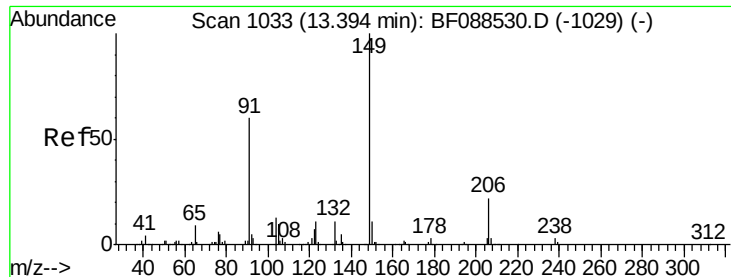
#78
Terphenyl-d14
 Concen: 83.57 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	10.5	11.2	16.8#



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

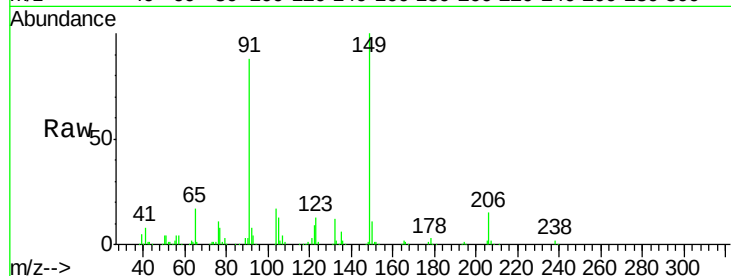




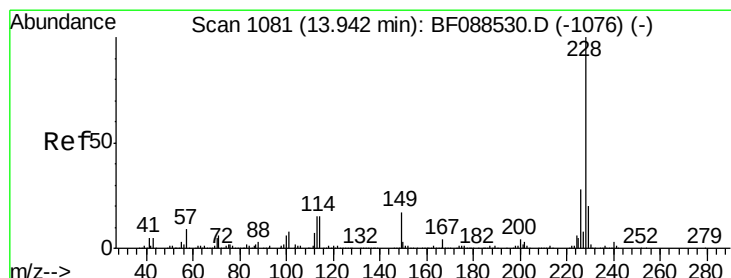
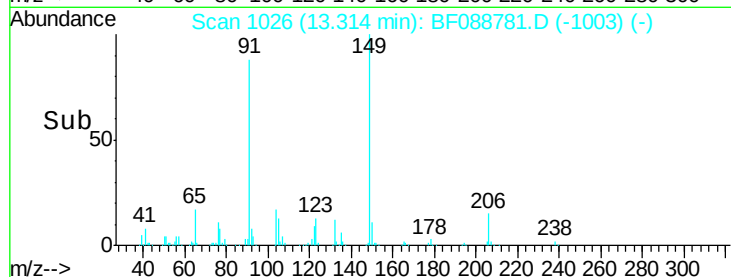
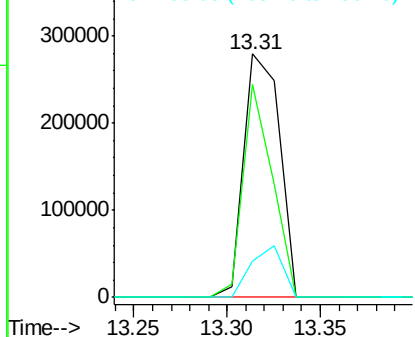
#79
Butylbenzylphthalate
Concen: 37.62 ng
RT: 13.31 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 371396
Ion Ratio Lower Upper
149 100
91 87.6 48.0 72.0#
206 14.6 16.0 24.0#

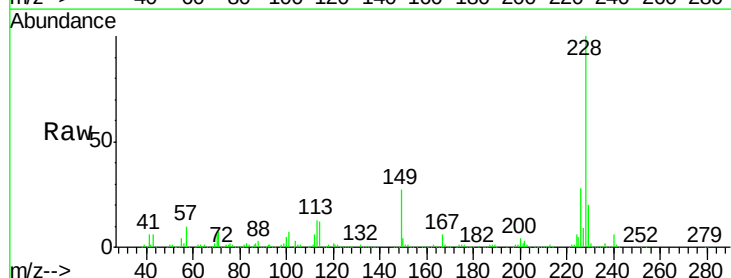


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

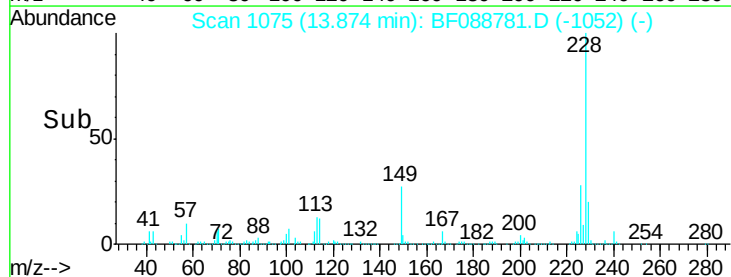
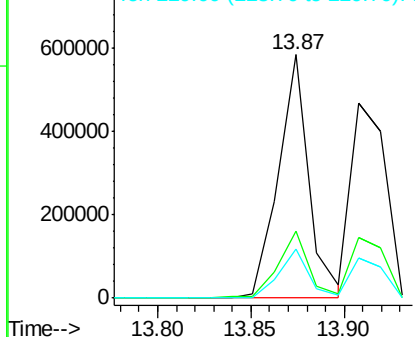


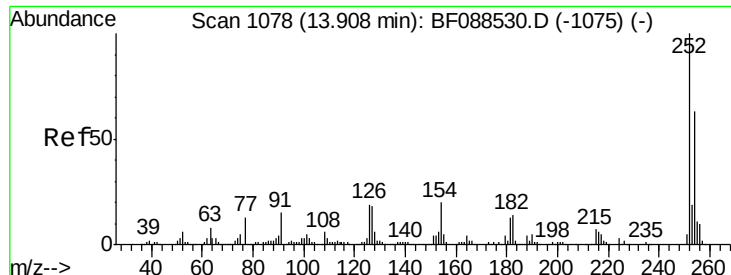
#80
Benzo(a)anthracene
Concen: 39.42 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:228 Resp: 662515
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.1 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

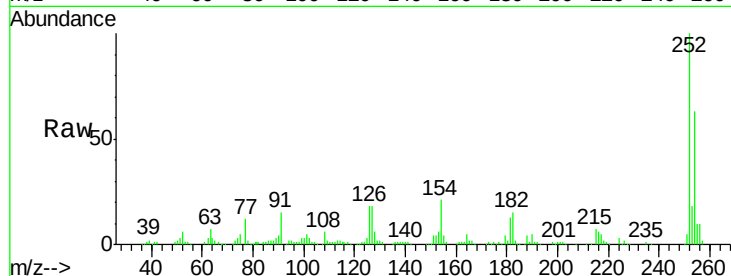




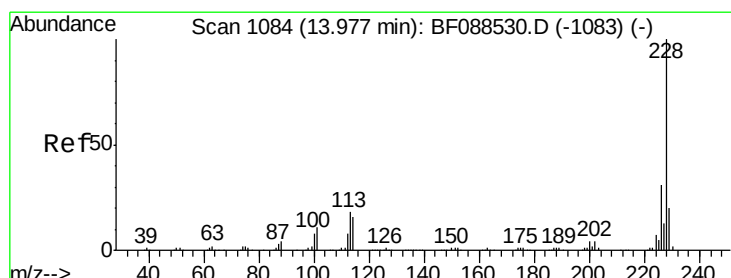
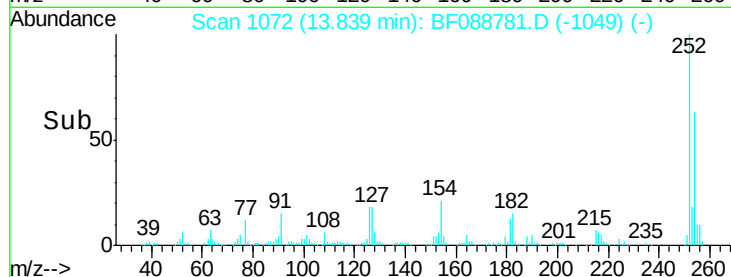
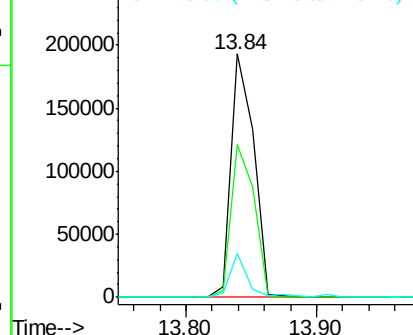
#81
 3,3'-Dichlorobenzidine
 Concen: 36.77 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 232350
 Ion Ratio Lower Upper
 252 100
 254 62.8 52.6 78.8
 126 17.8 6.2 9.2#

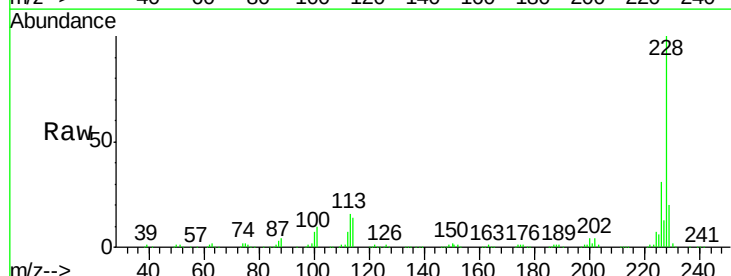


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

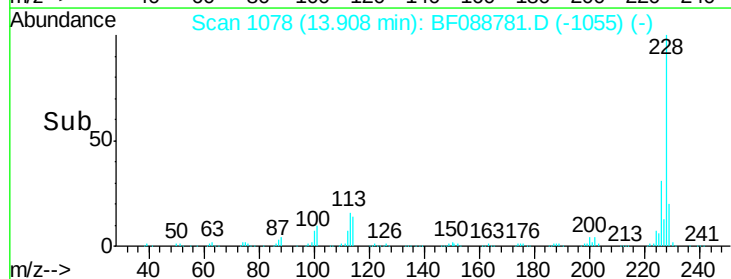
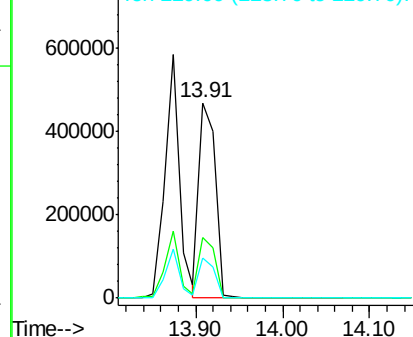


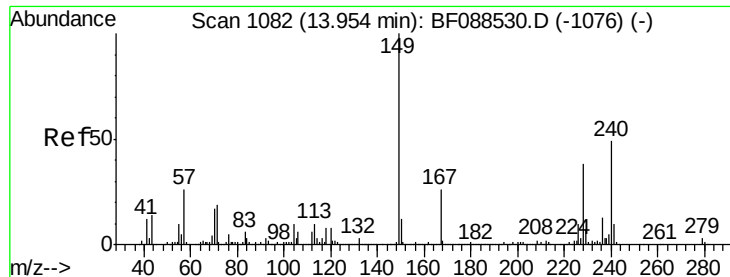
#82
 Chrysene
 Concen: 36.50 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion: 228 Resp: 606943
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.2
 229 20.5 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.30 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

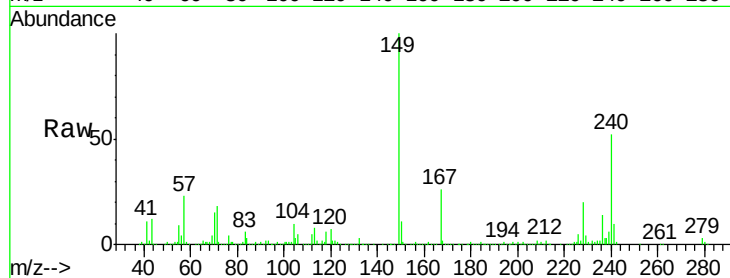
Tgt Ion:149 Resp: 510500

Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

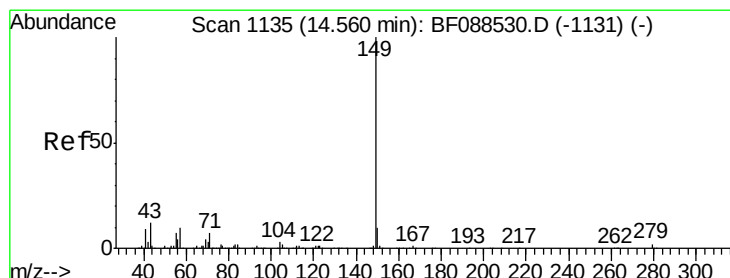
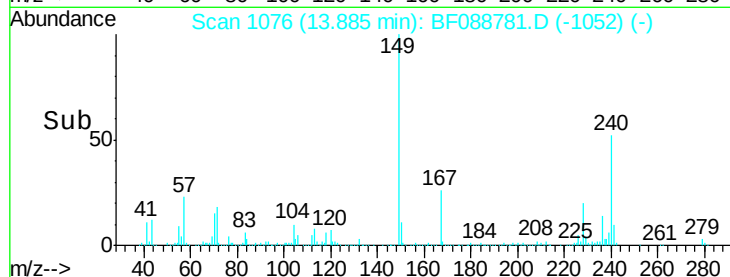
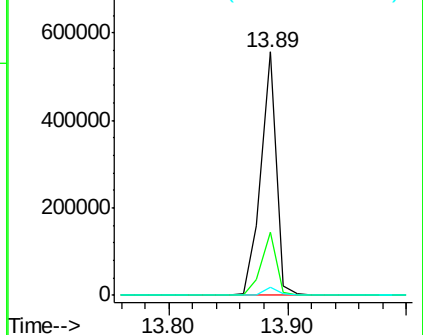
279 3.4 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.62 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

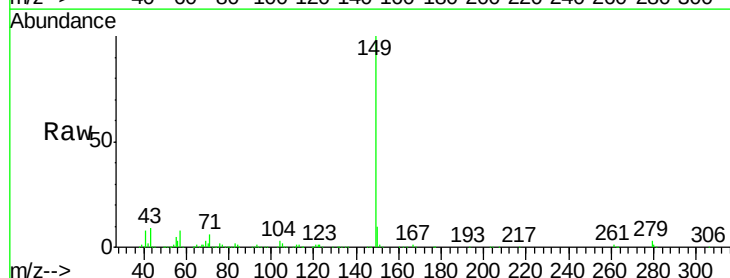
Tgt Ion:149 Resp: 835188

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

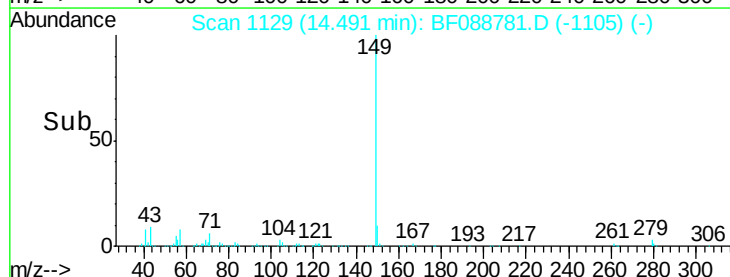
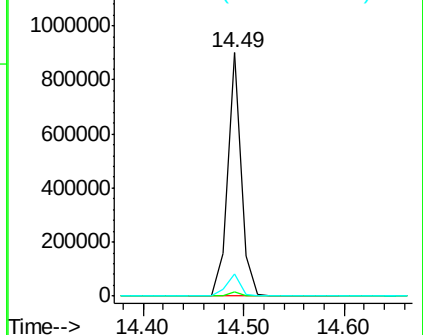
43 9.4 0.0 0.0#

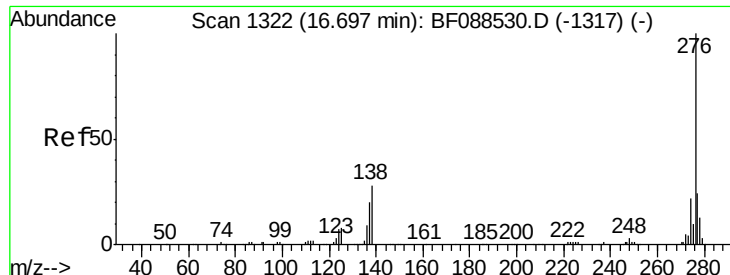


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

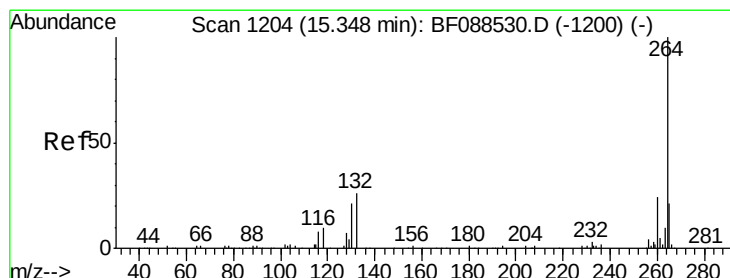
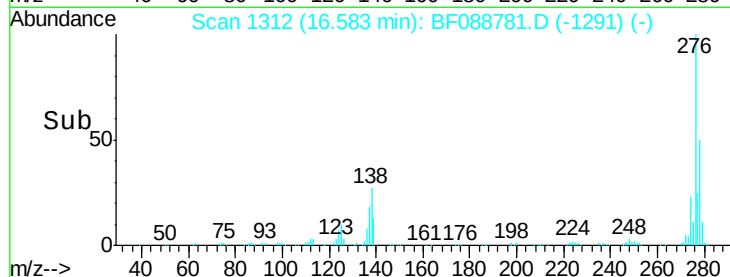
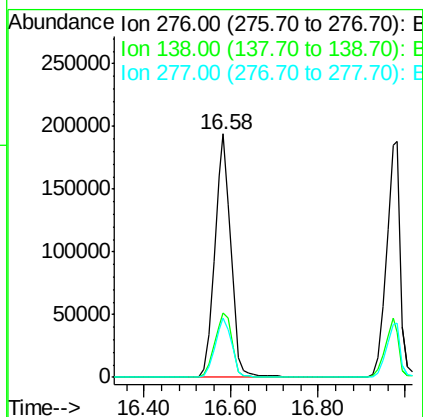
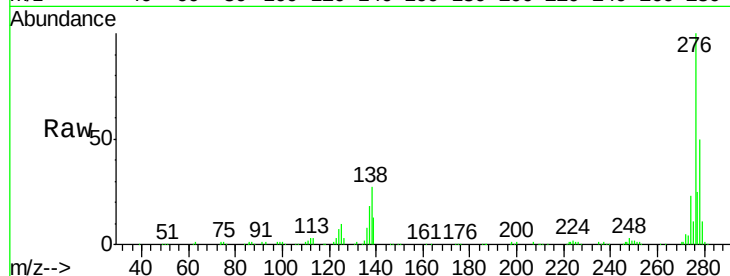




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.76 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.06 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

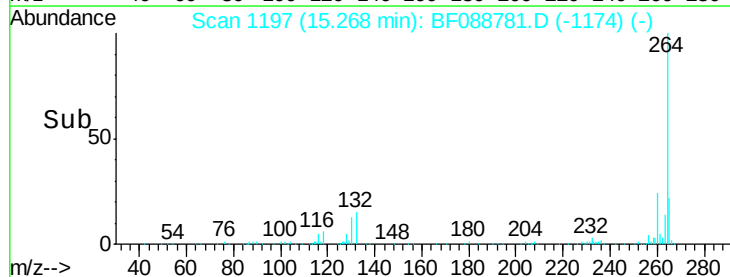
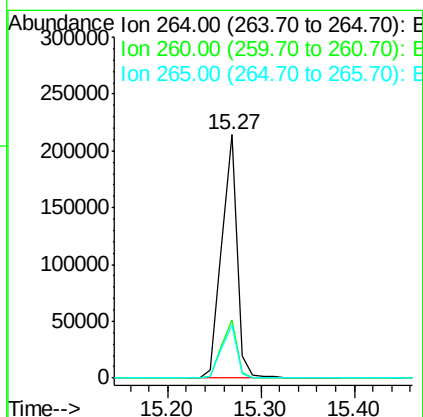
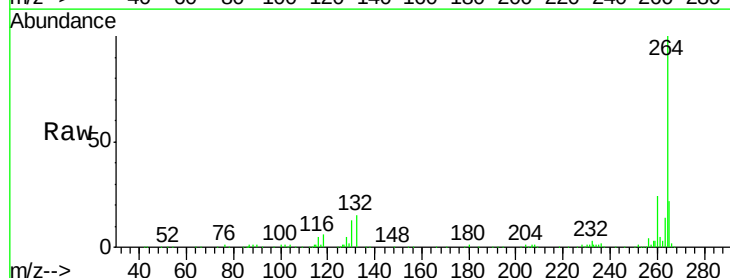
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

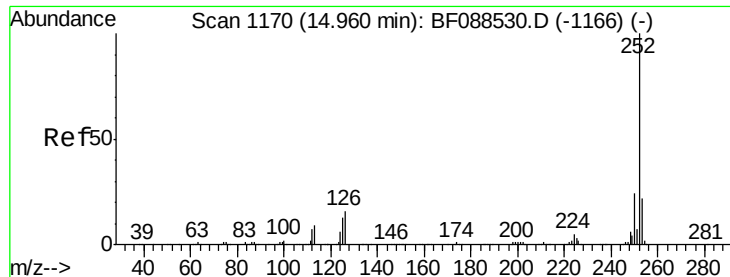
Tgt Ion: 276 Resp: 508658
 Ion Ratio Lower Upper
 276 100
 138 28.7 0.0 0.0#
 277 25.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088781.D
 Acq: 7 Jul 2016 15:46

Tgt Ion: 264 Resp: 243724
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 16.9 25.3

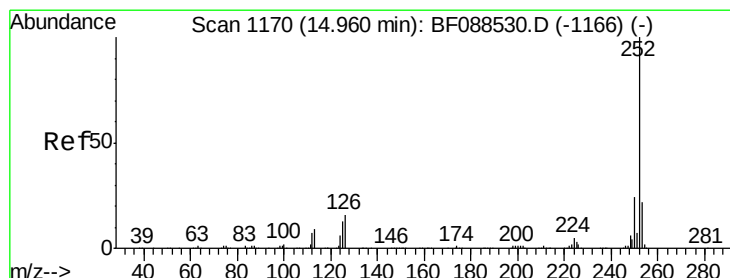
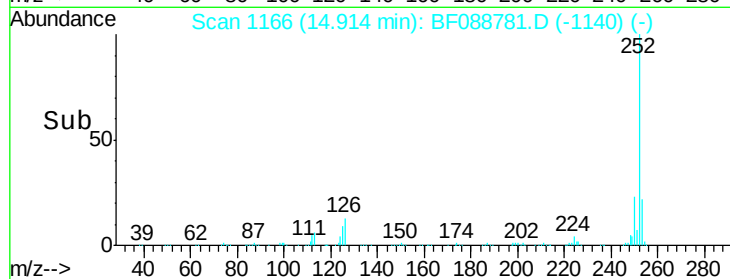
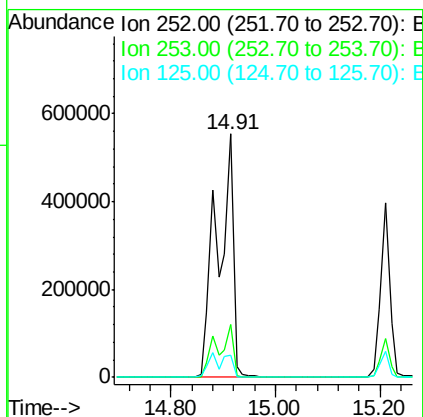
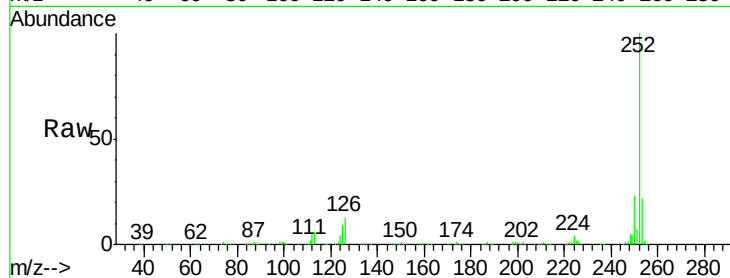




#87
Benzo(b)fluoranthene
Concen: 76.06 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

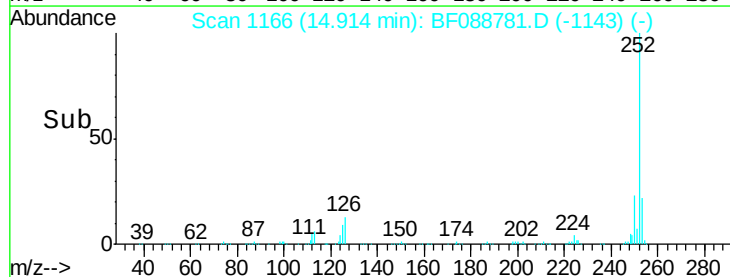
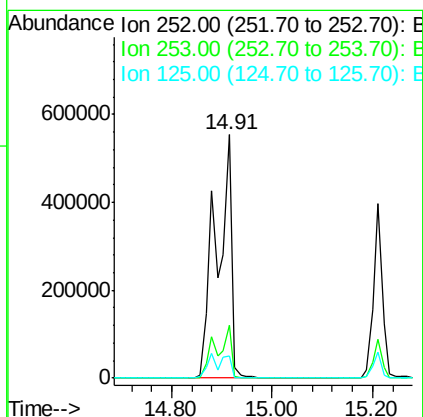
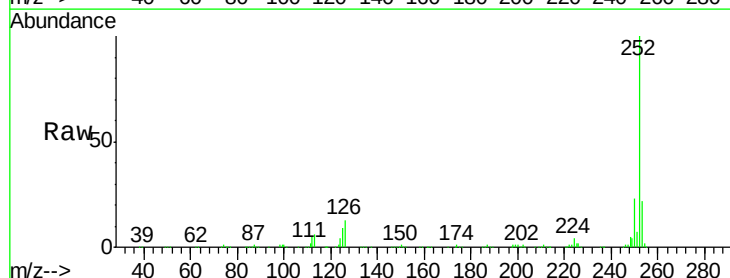
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

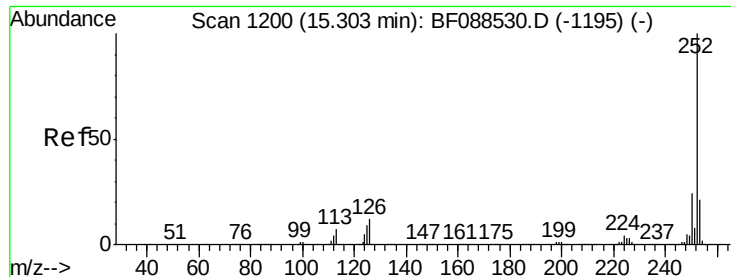
Tgt Ion:252 Resp: 1162923
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.2 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 87.37 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion:252 Resp: 1162938
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.2 11.2 16.8#

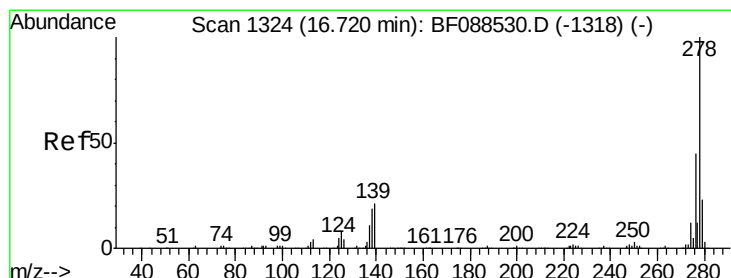
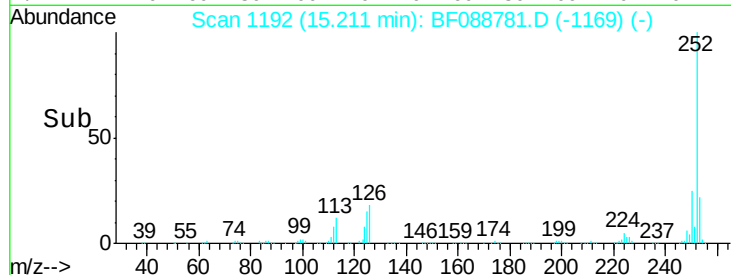
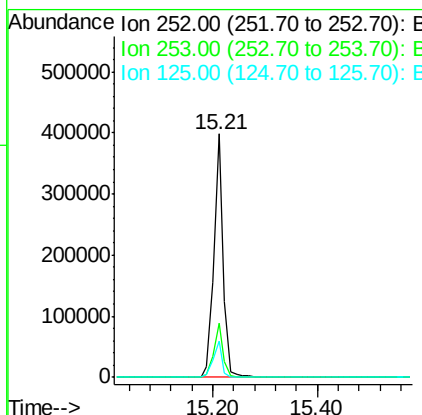
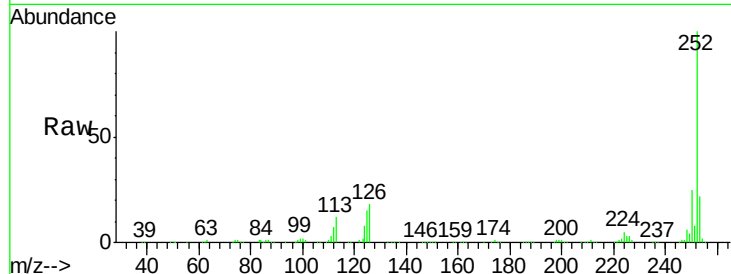




#89
Benzo(a)pyrene
Concen: 38.38 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

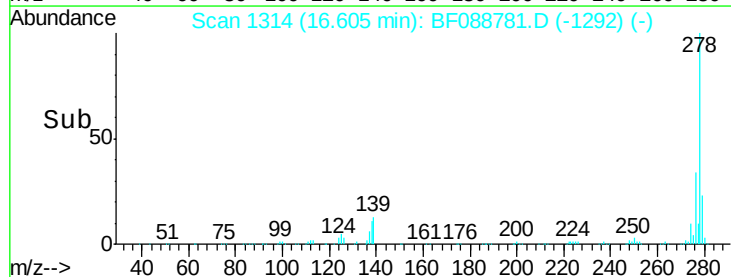
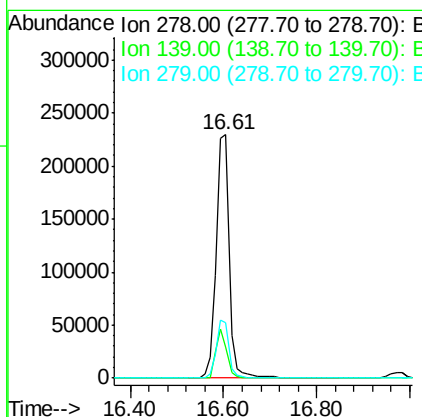
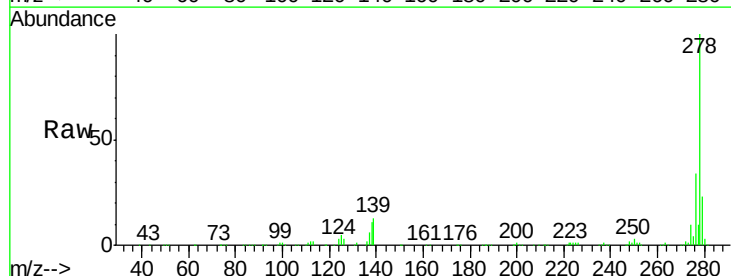
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

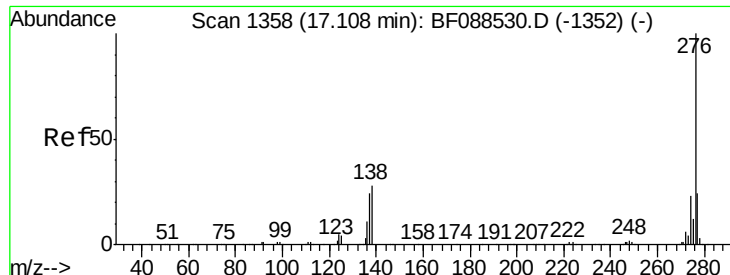
Tgt Ion: 252 Resp: 496869
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 14.8 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 41.11 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF088781.D
Acq: 7 Jul 2016 15:46

Tgt Ion: 278 Resp: 444360
Ion Ratio Lower Upper
278 100
139 12.8 15.7 23.5#
279 22.8 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 38.84 ng

RT: 16.98 min Scan# 1347

Delta R.T. -0.06 min

Lab File: BF088781.D

Acq: 7 Jul 2016 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

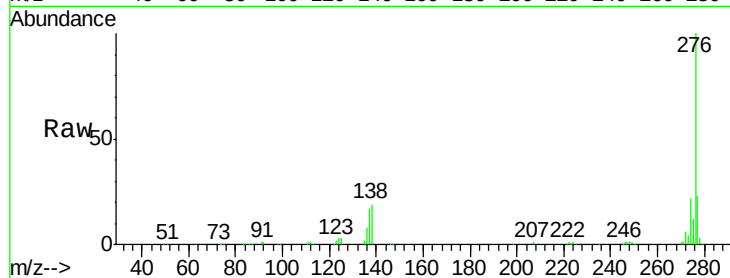
Tgt Ion:276 Resp: 434436

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 19.1 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

