

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087250.D
 Acq On : 21 May 2016 3:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 21 04:40:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	147305	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	639895	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	294581	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	543992	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	349530	20.00	ng	0.00
86) Perylene-d12	15.04	264	297831	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	711578	81.20	ng	0.00
7) Phenol-d6	6.23	99	816860	69.50	ng	0.00
23) Nitrobenzene-d5	7.14	82	961013	74.85	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	222898	68.47	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1303252	73.27	ng	0.00
78) Terphenyl-d14	12.65	244	1447296	93.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	175689	38.97	ng	# 74
3) Pyridine	2.58	79	405888	37.22	ng	# 66
4) n-Nitrosodimethylamine	2.56	42	290144	37.54	ng	# 52
6) Aniline	6.23	93	563438	37.74	ng	93
8) 2-Chlorophenol	6.34	128	417600	39.16	ng	# 80
9) Benzaldehyde	6.10	77	237388	36.82	ng	94
10) Phenol	6.24	94	533804	36.13	ng	# 61
11) bis(2-Chloroethyl)ether	6.31	93	445237	40.13	ng	90
12) 1,3-Dichlorobenzene	6.49	146	440833m	38.89	ng	
13) 1,4-Dichlorobenzene	6.57	146	442745m	38.18	ng	
14) 1,2-Dichlorobenzene	6.73	146	414915	40.87	ng	99
15) Benzyl Alcohol	6.73	79	345843	39.52	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.84	45	894711	39.23	ng	89
17) 2-Methylphenol	6.86	107	328010	37.46	ng	# 81
18) Hexachloroethane	7.06	117	178954	40.36	ng	98
19) n-Nitroso-di-n-propylamine	6.99	70	305678	34.21	ng	# 66
20) 3+4-Methylphenols	7.02	107	446516	38.66	ng	# 58
22) Acetophenone	6.99	105	638273	40.76	ng	# 92
24) Nitrobenzene	7.15	77	481363	34.34	ng	92
25) Isophorone	7.40	82	905860	38.54	ng	96
26) 2-Nitrophenol	7.47	139	229159	39.46	ng	# 70
27) 2,4-Dimethylphenol	7.53	122	359133	36.24	ng	# 86
28) bis(2-Chloroethoxy)methane	7.62	93	497989	38.59	ng	99
29) 2,4-Dichlorophenol	7.72	162	362785	41.54	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	378321	39.04	ng	96
31) Naphthalene	7.87	128	1211558	38.75	ng	100
32) Benzoic acid	7.71	122	198431	33.59	ng	# 77
33) 4-Chloroaniline	7.94	127	464323	35.73	ng	99
34) Hexachlorobutadiene	7.99	225	232673	42.31	ng	99
35) Caprolactam	8.33	113	103170	35.48	ng	# 54
36) 4-Chloro-3-methylphenol	8.44	107	396695	37.66	ng	99
37) 2-Methylnaphthalene	8.65	142	693976	34.70	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	366265	42.57	ng	100
40) Hexachlorocyclopentadiene	8.71	237	94117	33.40	ng	97

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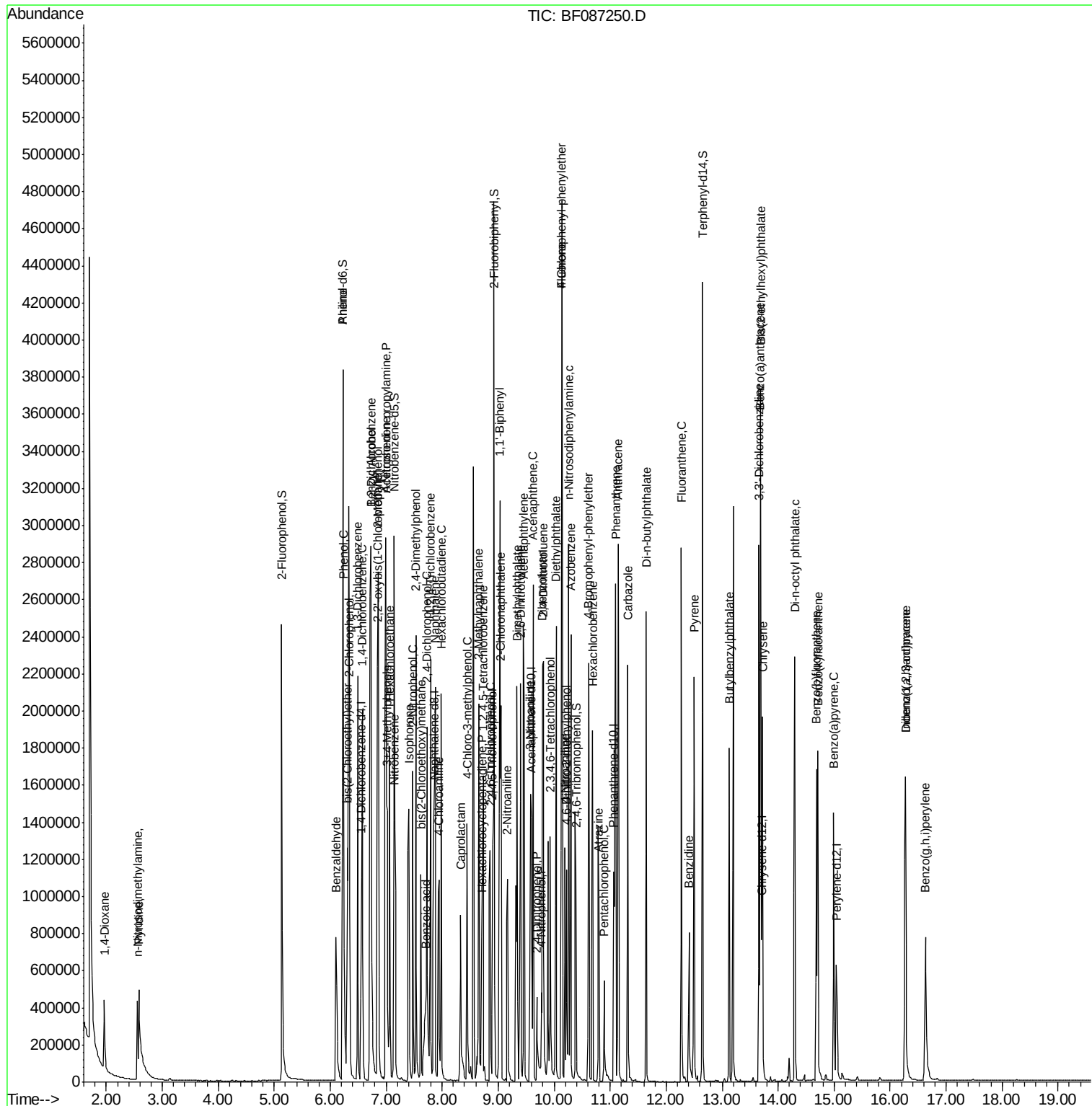
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	215989	38.71	nq	93
43) 2,4,5-Trichlorophenol	8.90	196	211059	36.41	nq #	93
45) 1,1'-Biphenyl	9.03	154	1067622	43.71	nq	99
46) 2-Chloronaphthalene	9.05	162	752704	40.14	nq	99
47) 2-Nitroaniline	9.16	65	272899	37.98	nq	94
48) Acenaphthylene	9.45	152	1041460	36.37	nq	99
49) Dimethylphthalate	9.34	163	862069	38.36	nq	100
50) 2,6-Dinitrotoluene	9.40	165	199889	40.97	nq	91
51) Acenaphthene	9.62	154	649984	36.33	nq	98
52) 3-Nitroaniline	9.58	138	212117	40.16	nq	91
53) 2,4-Dinitrophenol	9.69	184	94283	36.46	nq #	73
54) Dibenzofuran	9.79	168	841200	36.36	nq #	89
55) 4-Nitrophenol	9.77	139	72389m	31.90	nq	
56) 2,4-Dinitrotoluene	9.80	165	236992	37.92	nq #	68
57) Fluorene	10.14	166	673777	36.25	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	179554	39.77	nq	97
59) Diethylphthalate	10.03	149	907522	42.30	nq	97
60) 4-Chlorophenyl-phenylether	10.14	204	387259	43.96	nq	88
61) 4-Nitroaniline	10.19	138	209943	40.25	nq #	74
62) Azobenzene	10.30	77	993970	40.21	nq	88
64) 4,6-Dinitro-2-methylphenol	10.22	198	134212	37.46	nq #	26
65) n-Nitrosodiphenylamine	10.26	169	694366	40.56	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	213741	38.21	nq	89
67) Hexachlorobenzene	10.68	284	243795	37.59	nq #	83
68) Atrazine	10.80	200	215277	38.55	nq	95
69) Pentachlorophenol	10.89	266	82704	33.94	nq	96
70) Phenanthrene	11.10	178	1181512	40.05	nq	100
71) Anthracene	11.14	178	1069161	35.83	nq	100
72) Carbazole	11.31	167	1056389	38.75	nq	100
73) Di-n-butylphthalate	11.65	149	1371835	43.81	nq	99
74) Fluoranthene	12.27	202	1129878	38.22	nq	96
76) Benzidine	12.41	184	391115	39.58	nq	97
77) Pyrene	12.50	202	1156063	45.78	nq	100
79) Butylbenzylphthalate	13.13	149	540700	50.72	nq	96
80) Benzo(a)anthracene	13.68	228	796351	39.40	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	538779	41.90	nq	99
82) Chrysene	13.73	228	867730	44.38	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	670220	51.66	nq #	99
84) Di-n-octyl phthalate	14.30	149	1054150	47.17	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.27	276	699060	40.73	nq	96
87) Benzo(b)fluoranthene	14.69	252	704747m	35.67	nq	
88) Benzo(k)fluoranthene	14.71	252	641067m	43.58	nq	
89) Benzo(a)pyrene	14.99	252	639205	38.70	nq	99
90) Dibenzo(a,h)anthracene	16.27	278	582442	41.89	nq	97
91) Benzo(g,h,i)perylene	16.63	276	600061	42.73	nq	95

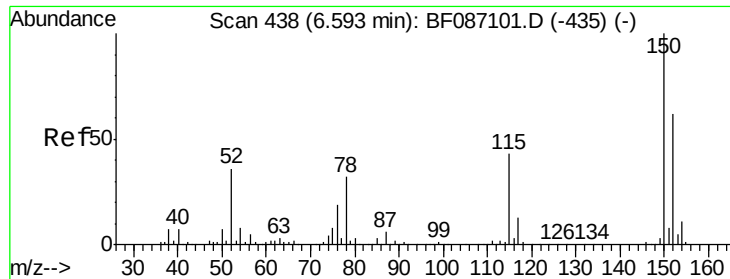
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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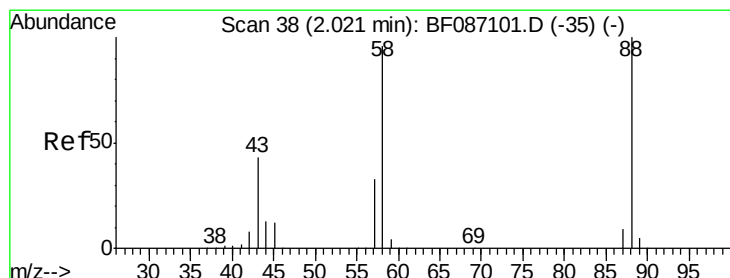
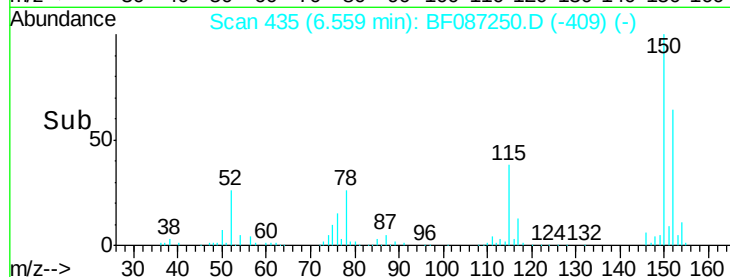
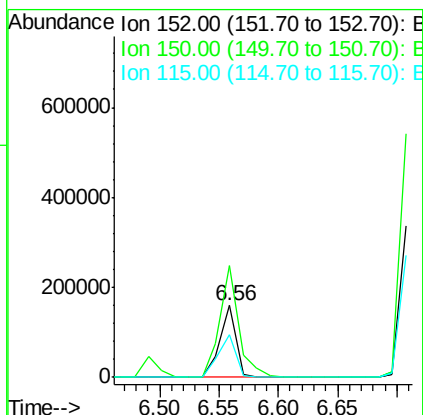
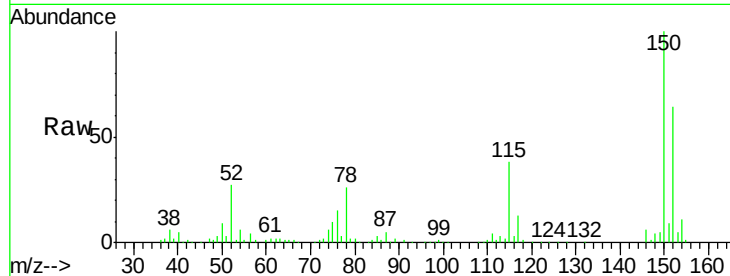


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

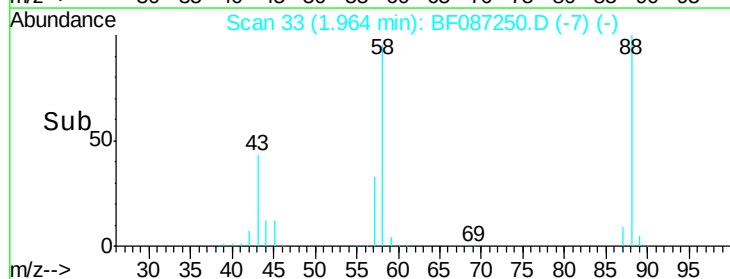
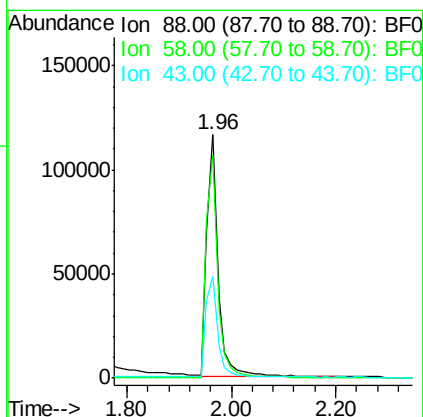
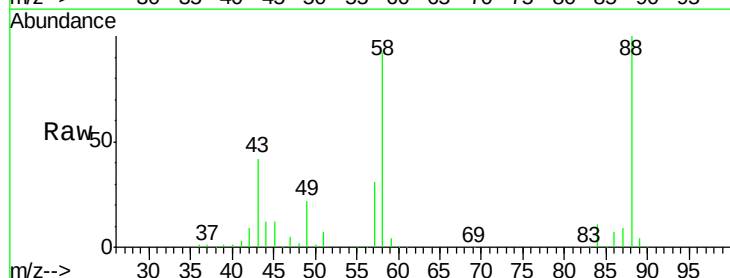
Tot Ion:152 Resp: 147305
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 60.0 51.5 77.3

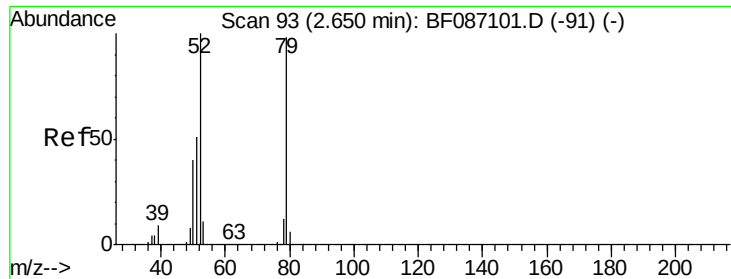


#2

1,4-Dioxane
Concen: 38.97 ng
RT: 1.96 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion: 88 Resp: 175689
Ion Ratio Lower Upper
88 100
58 95.0 59.6 89.4#
43 43.1 21.8 32.6#





#3

Pvridine

Concen: 37.22 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

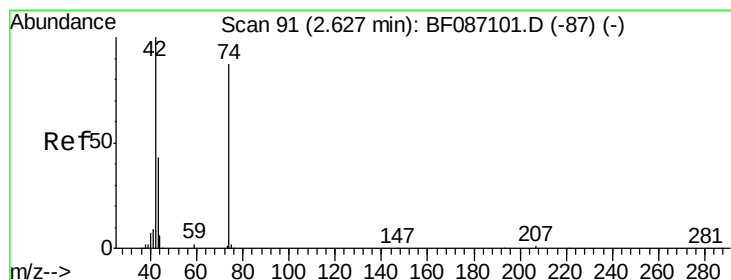
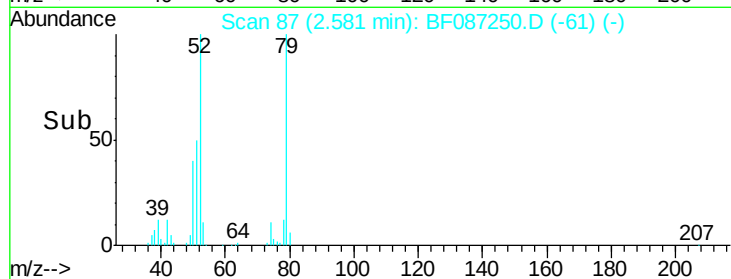
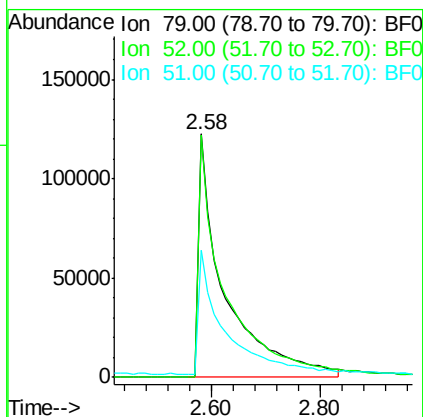
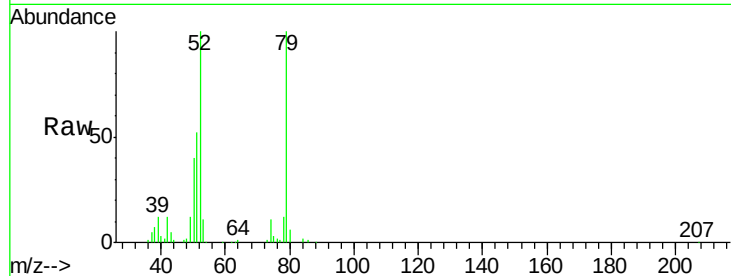
Tot Ion: 79 Resp: 405888

Ion Ratio Lower Upper

79 100

52 99.5 55.9 83.9#

51 52.2 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 37.54 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

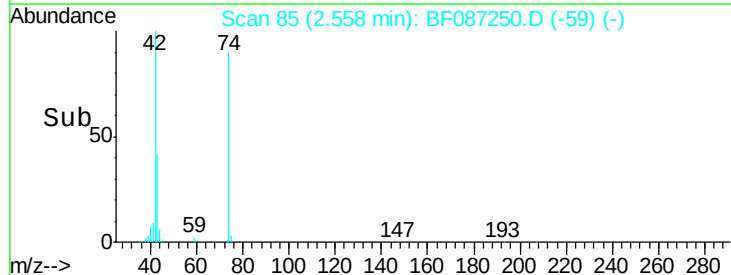
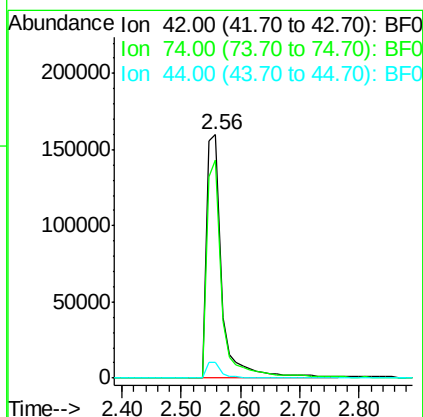
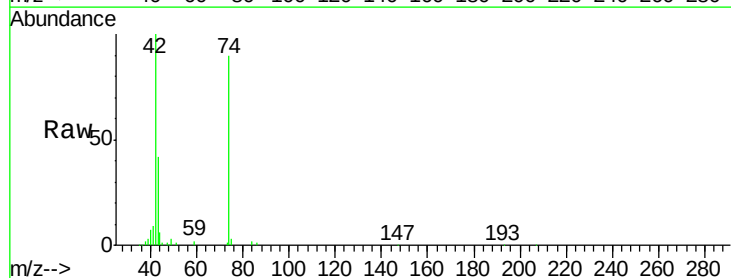
Tgt Ion: 42 Resp: 290144

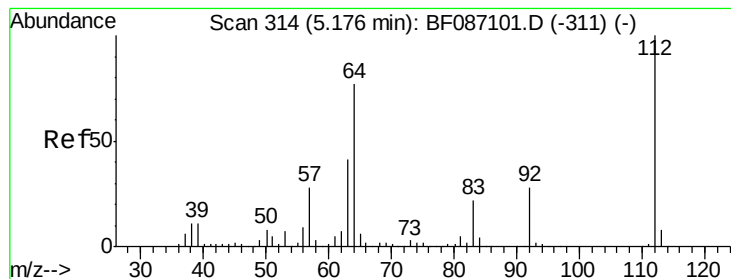
Ion Ratio Lower Upper

42 100

74 89.6 123.4 185.0#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 81.20 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

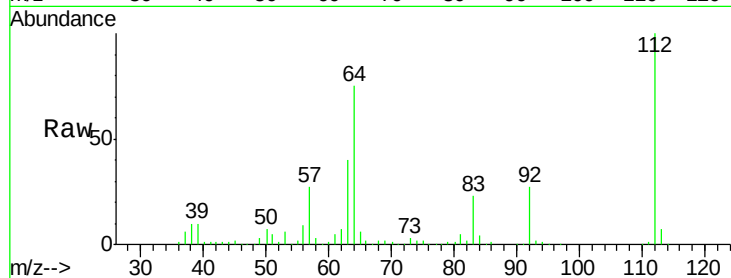
Tot Ion:112 Resp: 711578

Ion Ratio Lower Upper

112 100

64 74.6 52.1 78.1

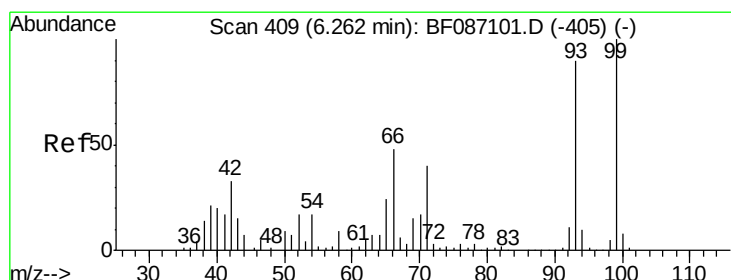
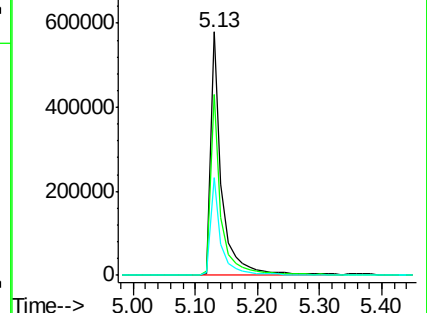
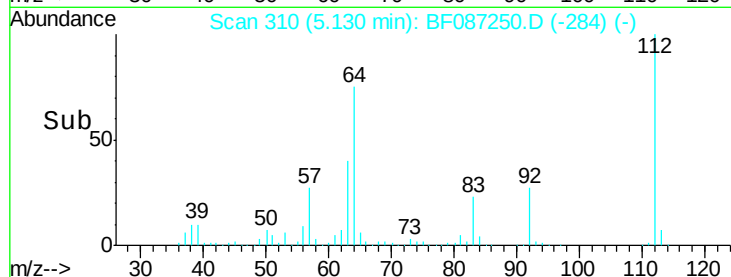
63 40.4 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.74 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

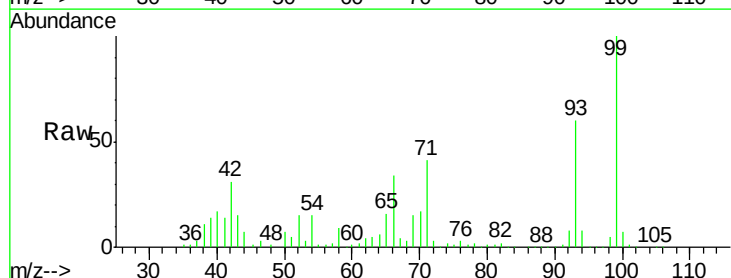
Tgt Ion: 93 Resp: 563438

Ion Ratio Lower Upper

93 100

66 55.6 39.0 58.6

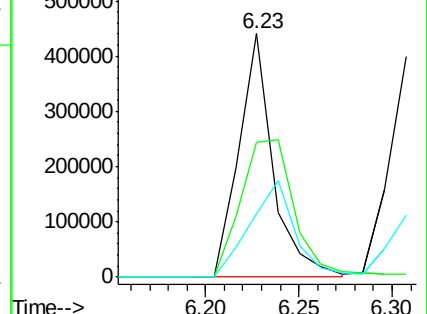
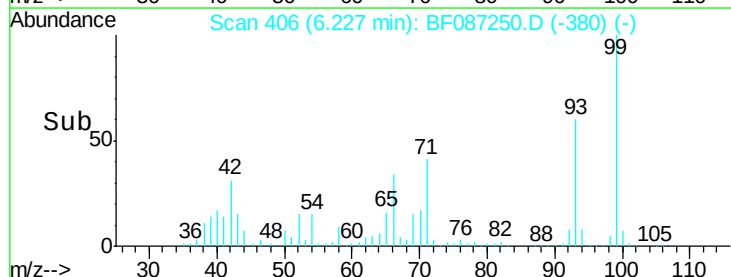
65 26.1 20.6 31.0

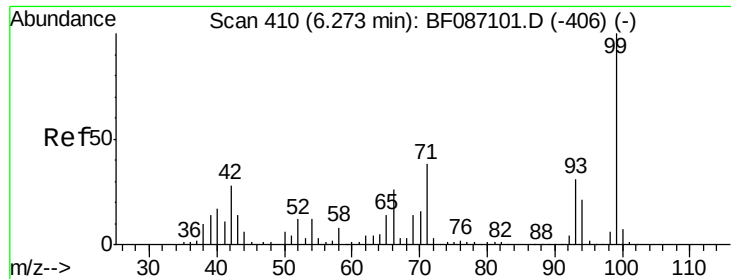


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.50 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

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ClientSampleId :

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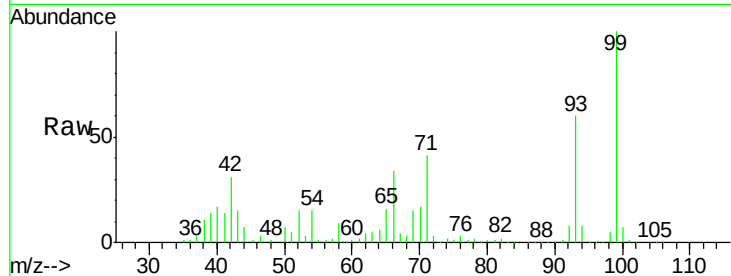
Tot Ion: 99 Resp: 816860

Ion Ratio Lower Upper

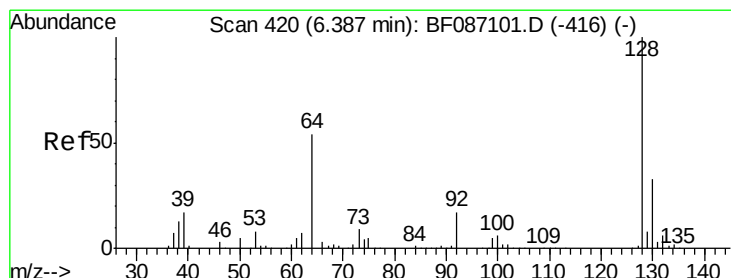
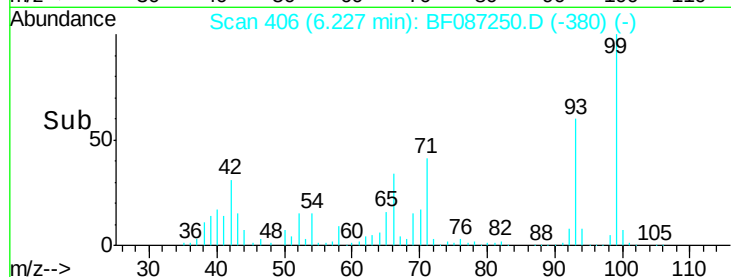
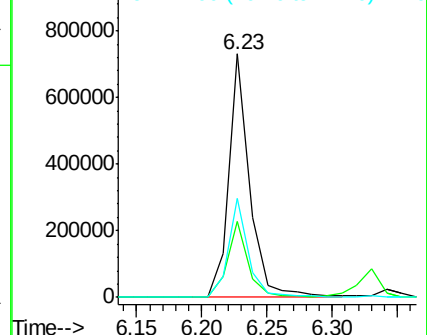
99 100

42 31.1 13.6 20.4#

71 40.7 24.6 36.8#



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: 39.16 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

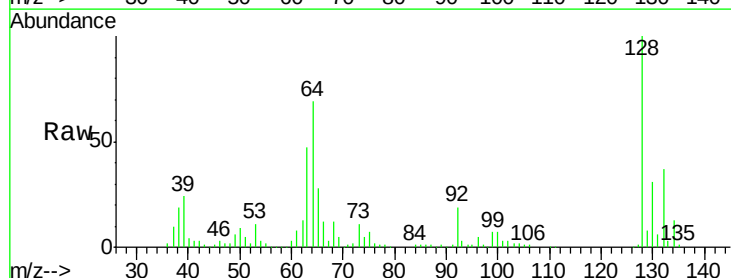
Tgt Ion: 128 Resp: 417600

Ion Ratio Lower Upper

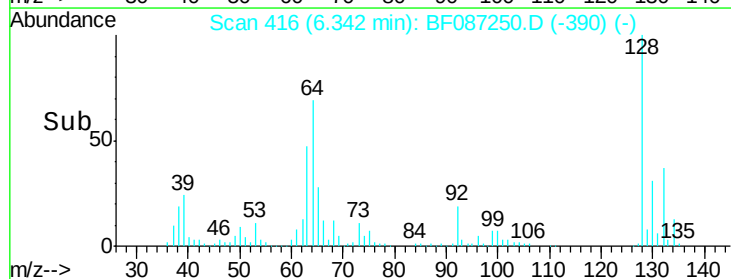
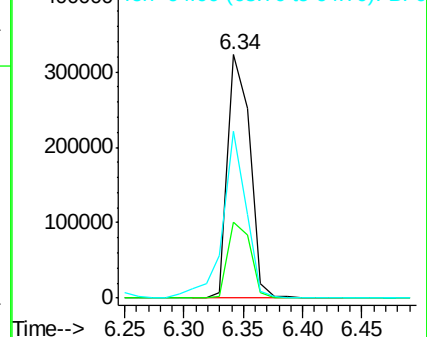
128 100

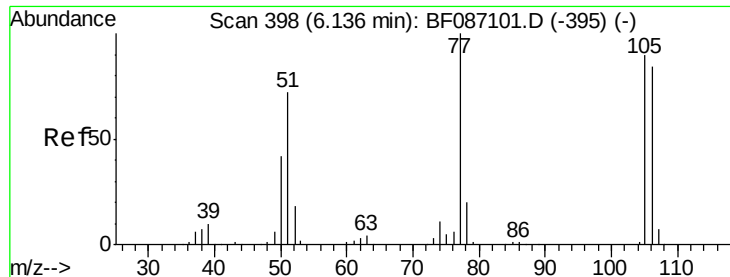
130 31.4 12.5 52.5

64 68.7 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

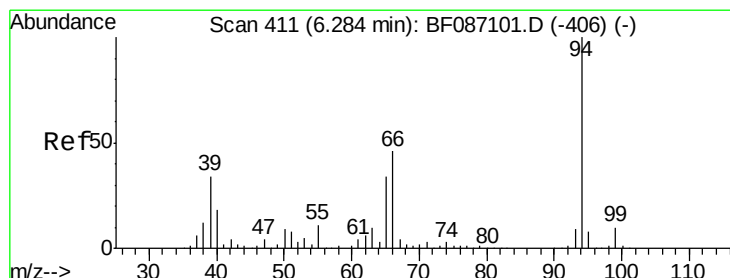
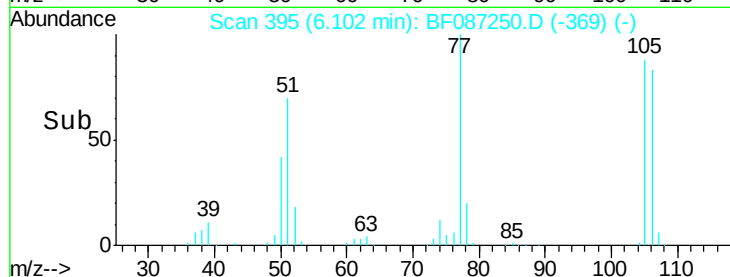
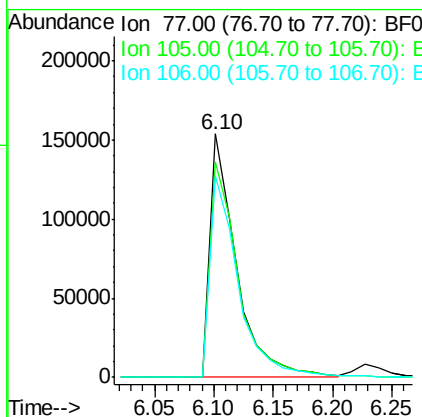
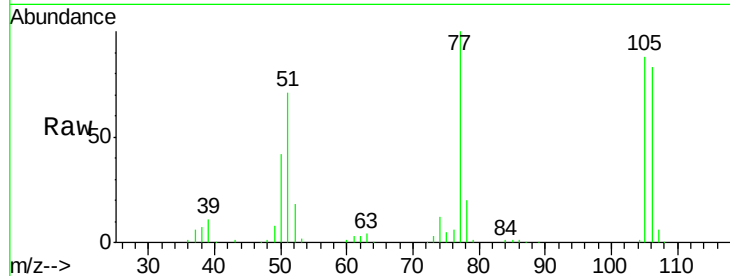




#9
Benzaldehyde
Concen: 36.82 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

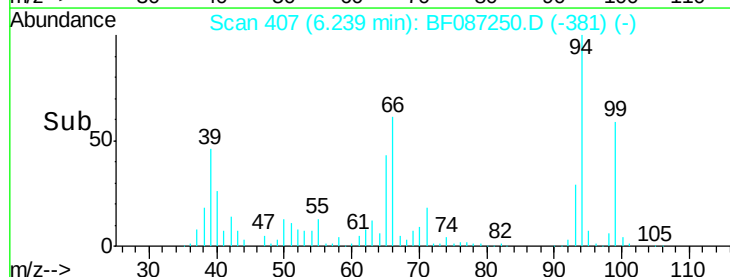
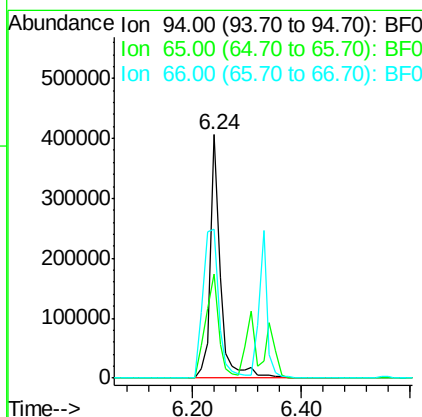
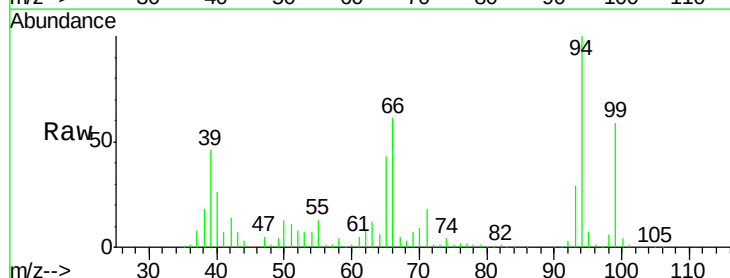
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

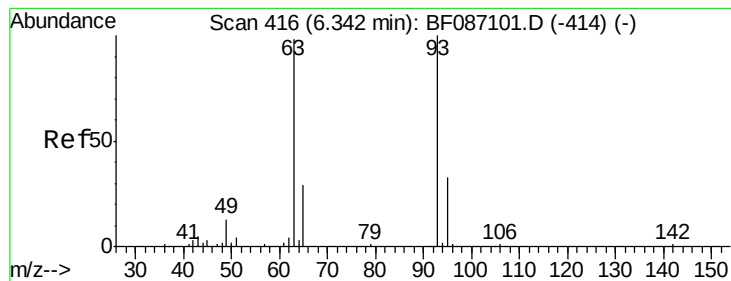
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Ion Ratio Lower Upper
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105 88.3 72.7 112.7
106 82.9 70.8 110.8



#10
Phenol
Concen: 36.13 ng
RT: 6.24 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion: 94 Resp: 533804
Ion Ratio Lower Upper
94 100
65 42.9 7.2 47.2
66 61.1 14.9 54.9#

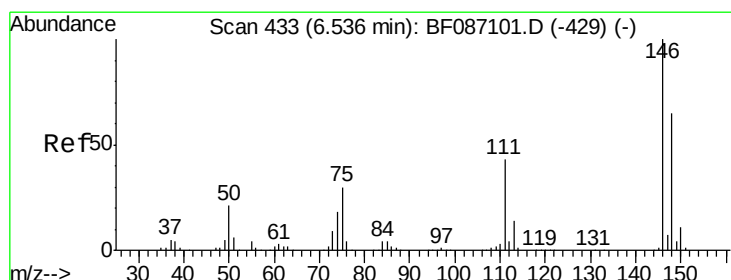
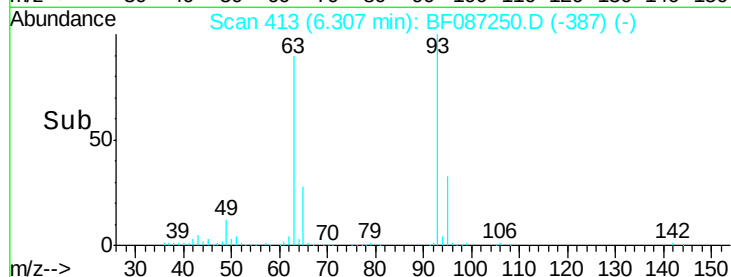
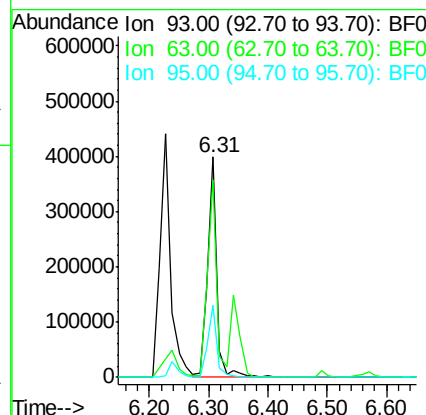
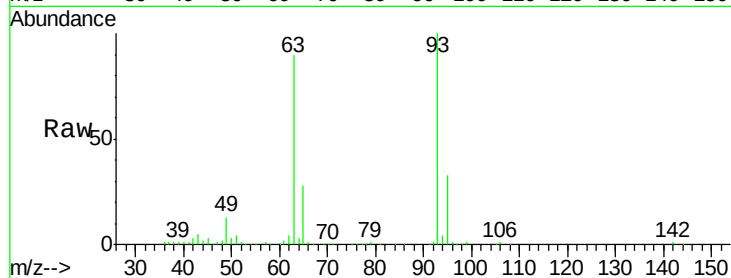




#11
 bis(2-Chloroethyl)ether
 Concen: 40.13 ng
 RT: 6.31 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

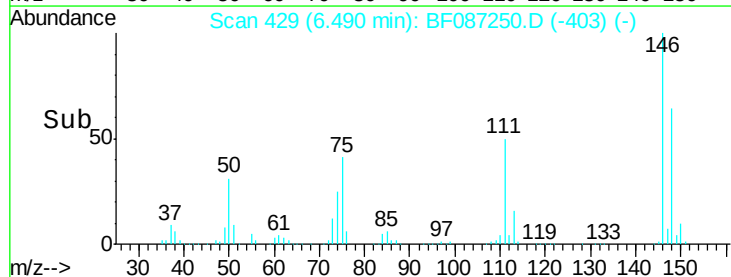
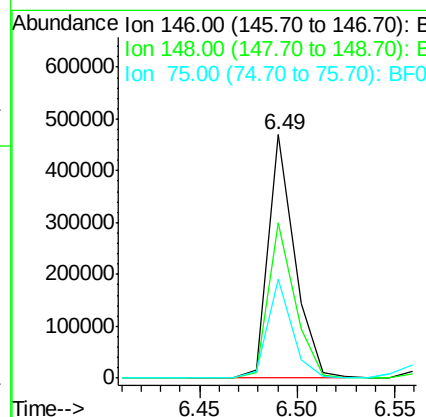
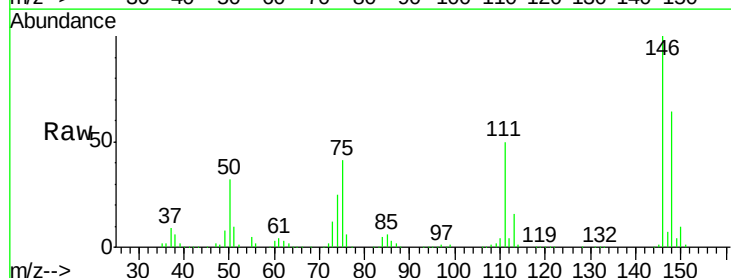
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

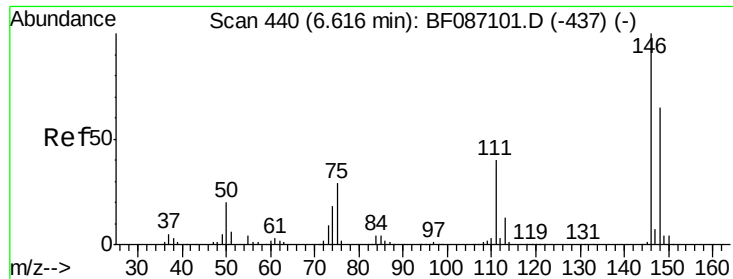
Tot Ion: 93 Resp: 445237
 Ion Ratio Lower Upper
 93 100
 63 89.7 58.0 98.0
 95 32.8 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 38.89 ng m
 RT: 6.49 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion: 146 Resp: 440833
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.4 78.6
 75 40.6 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 38.18 ng/mL

RT: 6.57 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

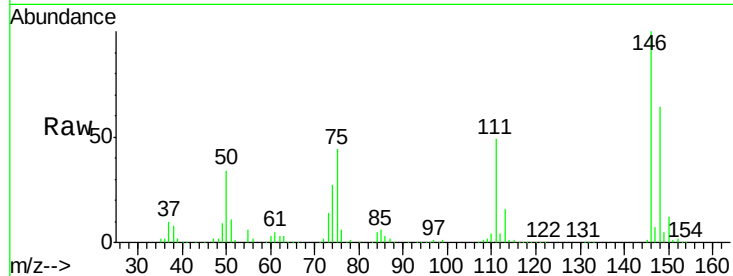
Tot Ion:146 Resp: 442745

Ion Ratio Lower Upper

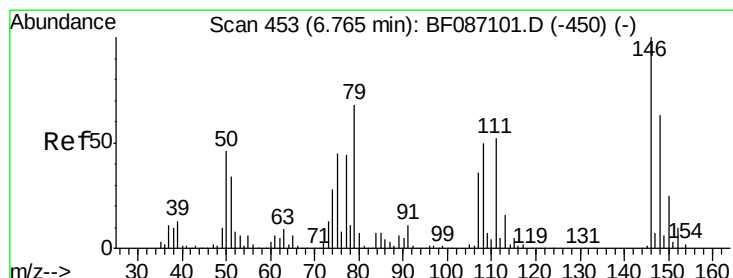
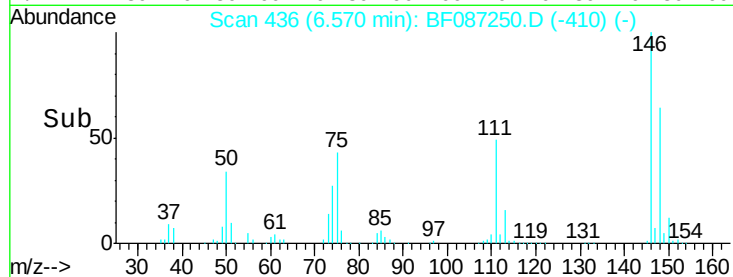
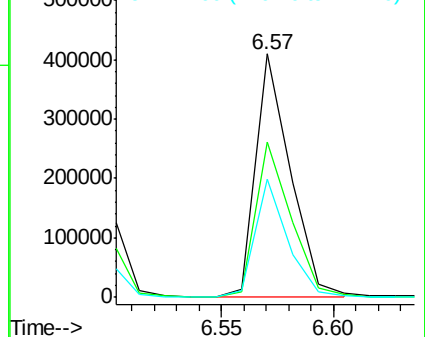
146 100

148 63.7 52.2 78.4

111 48.7 30.7 46.1#



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



#14

1,2-Dichlorobenzene

Concen: 40.87 ng/mL

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

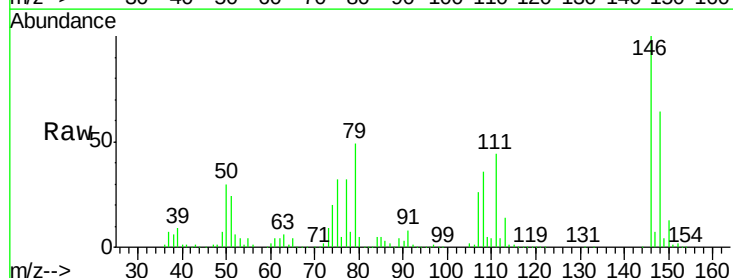
Tgt Ion:146 Resp: 414915

Ion Ratio Lower Upper

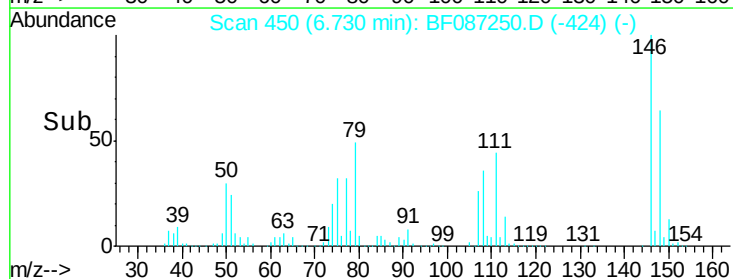
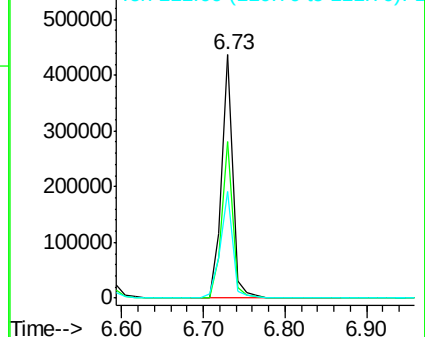
146 100

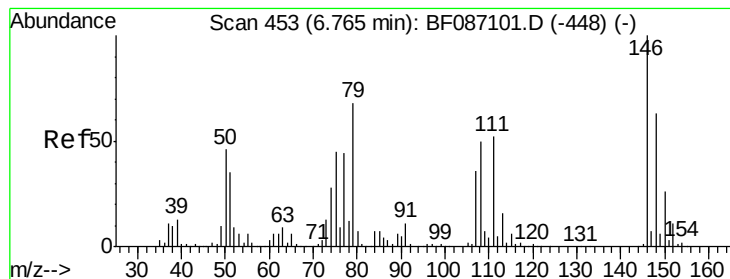
148 64.2 51.0 76.6

111 43.6 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 39.52 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

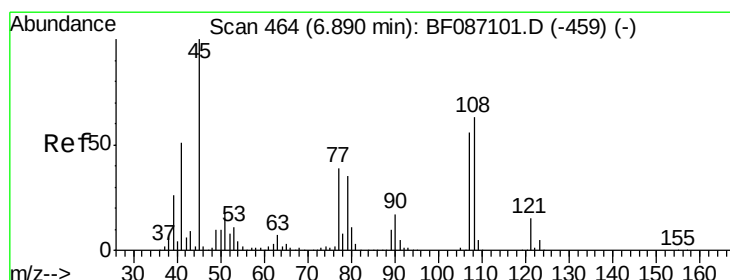
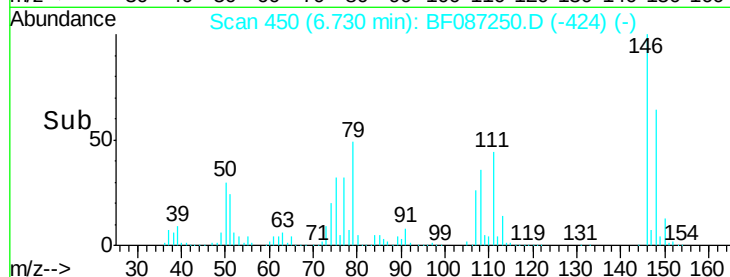
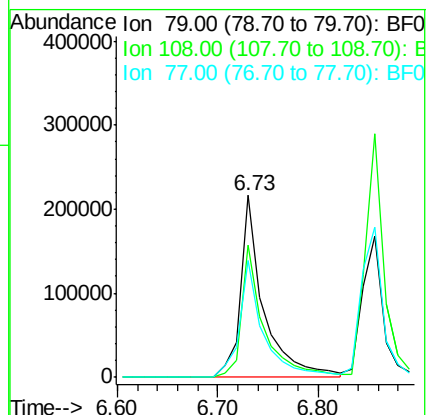
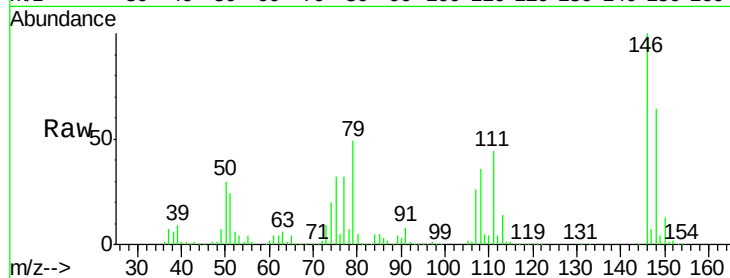
Tot Ion: 79 Resp: 345843

Ion Ratio Lower Upper

79 100

108 72.4 68.4 102.6

77 64.5 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.23 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

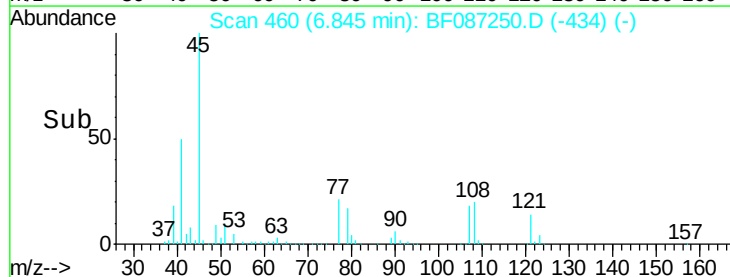
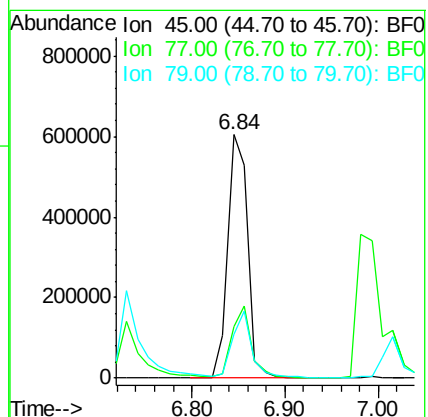
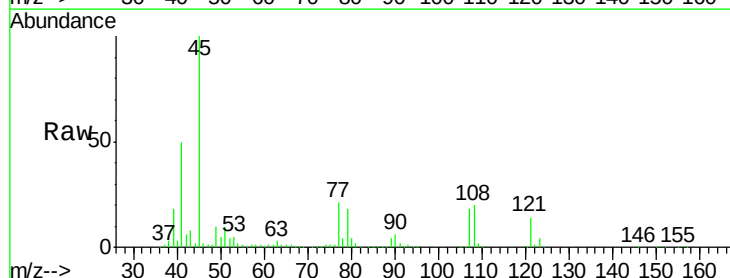
Tgt Ion: 45 Resp: 894711

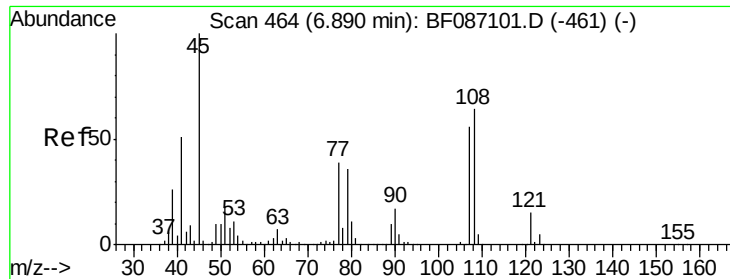
Ion Ratio Lower Upper

45 100

77 21.2 0.0 36.4

79 18.0 0.0 33.4





#17

2-Methylphenol

Concen: 37.46 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 328010

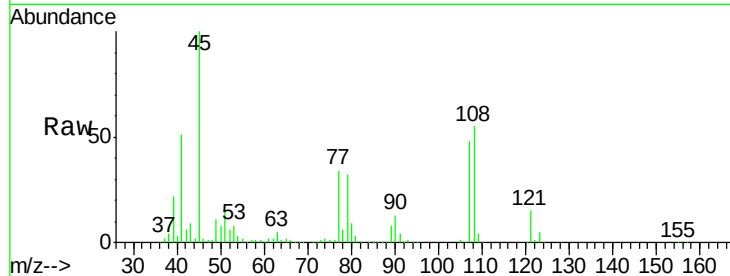
Ion Ratio Lower Upper

107 100

108 113.8 93.7 140.5

77 70.3 33.4 50.0#

79 65.7 34.3 51.5#

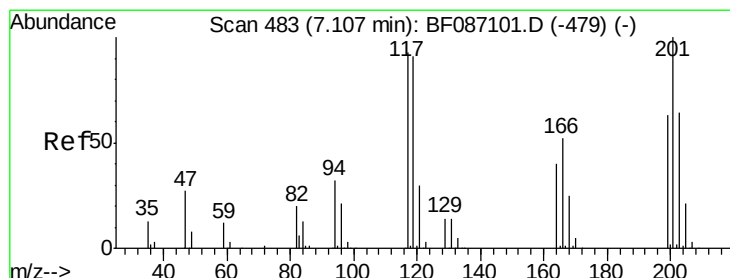
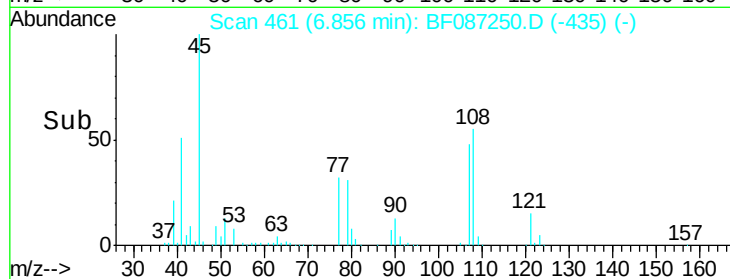
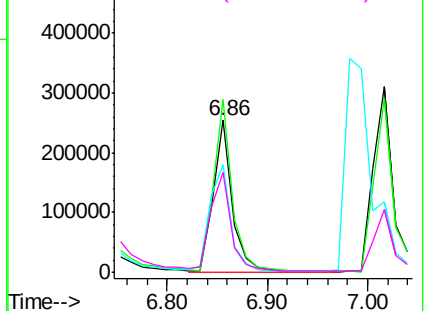


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.36 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

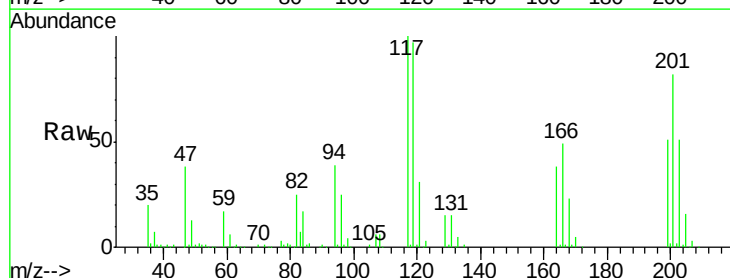
Tgt Ion:117 Resp: 178954

Ion Ratio Lower Upper

117 100

119 96.8 76.5 114.7

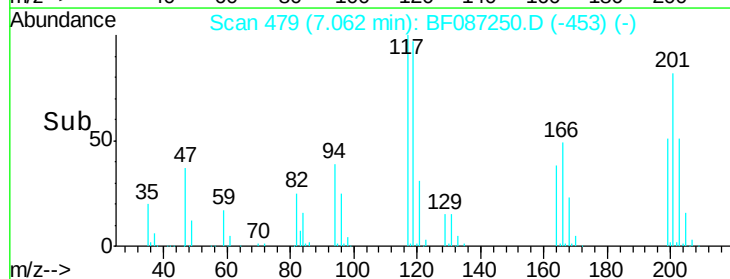
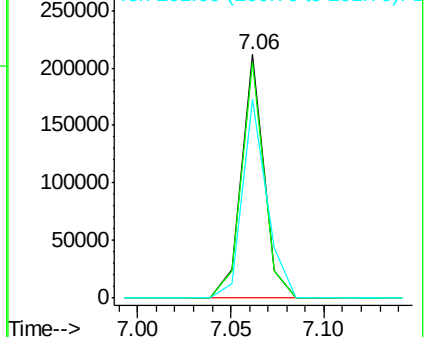
201 81.8 63.0 94.6

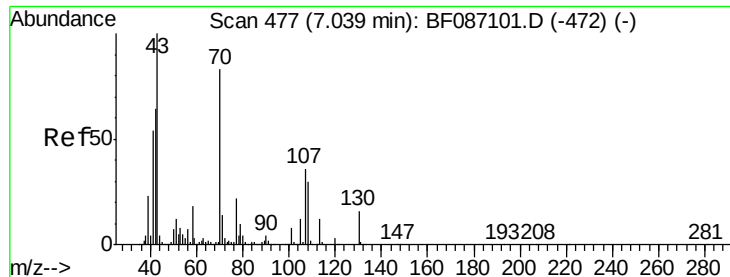


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

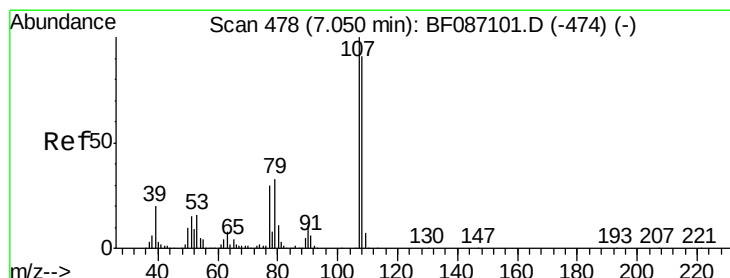
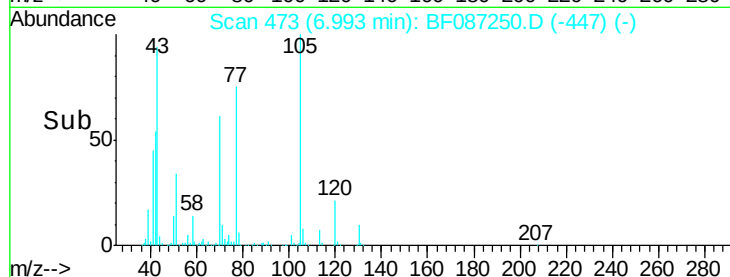
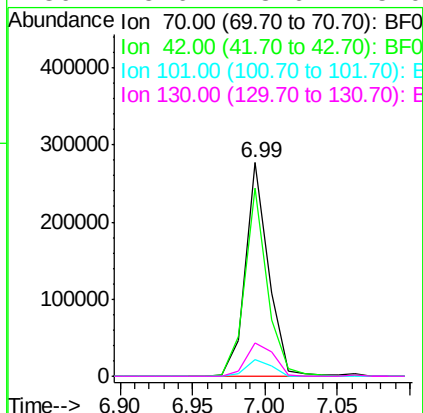
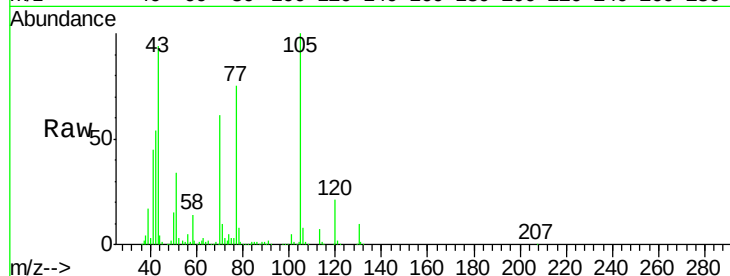




#19
n-Nitroso-di-n-propylamine
Concen: 34.21 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

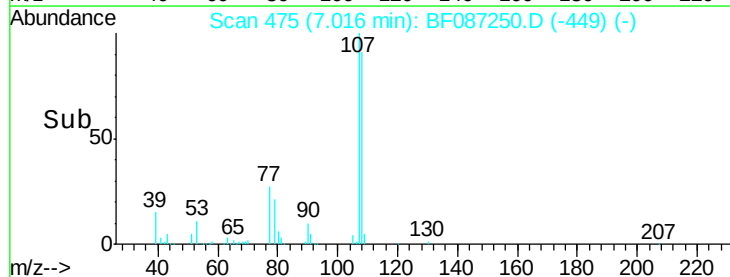
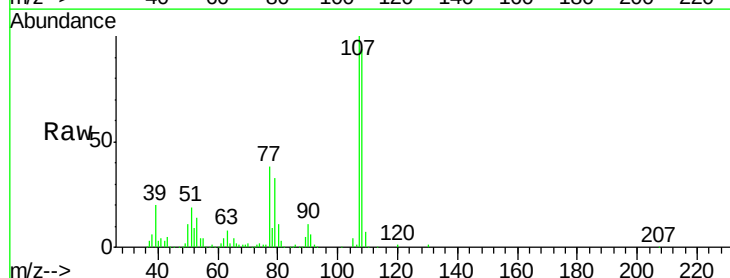
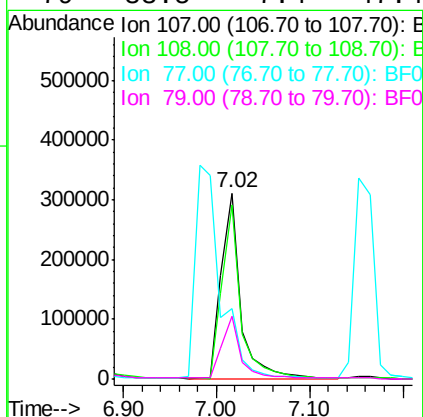
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

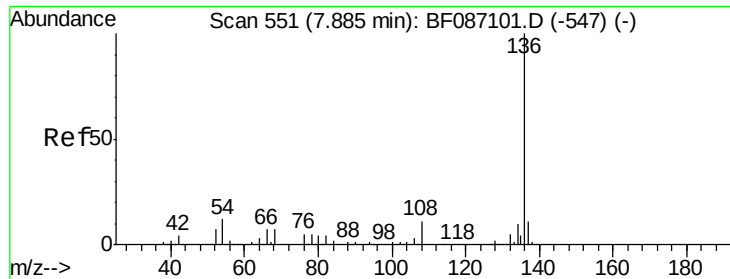
Tot Ion: 70 Resp: 305678
Ion Ratio Lower Upper
70 100
42 87.8 43.1 64.7#
101 8.0 8.1 12.1#
130 15.6 18.6 28.0#



#20
3+4-Methylphenols
Concen: 38.66 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:107 Resp: 446516
Ion Ratio Lower Upper
107 100
108 93.7 68.5 108.5
77 37.8 101.6 141.6#
79 33.5 7.4 47.4

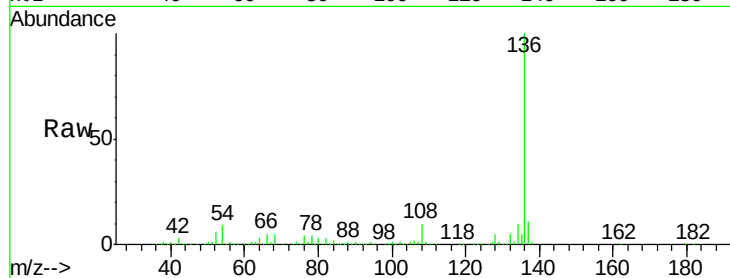




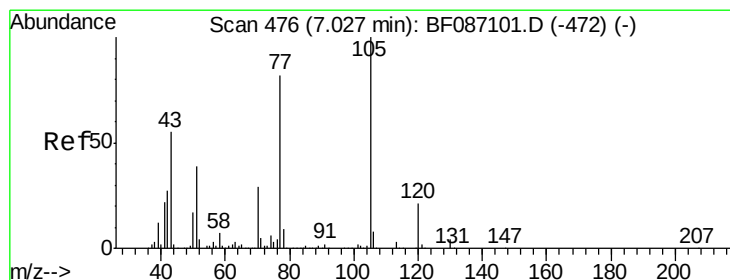
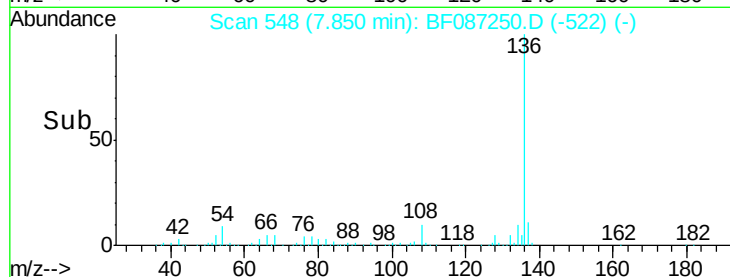
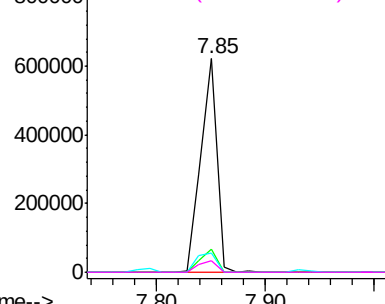
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	639895
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	9.2	5.0 7.4#
68	5.1	4.4 6.6

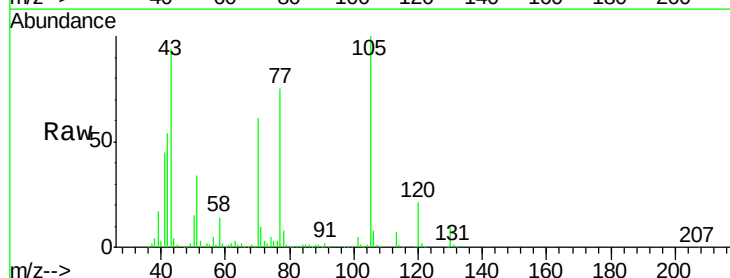


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

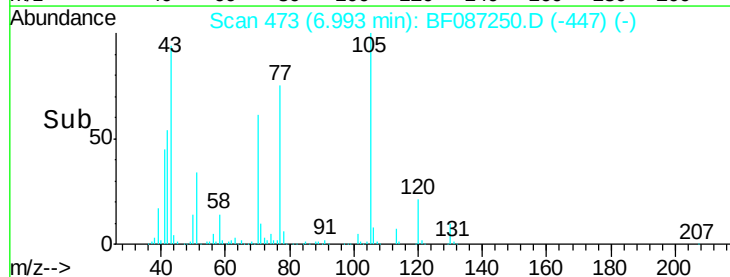
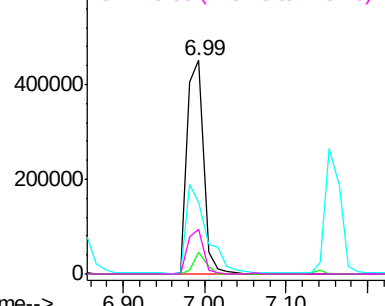


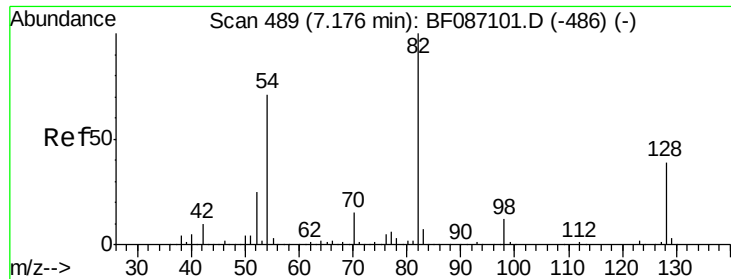
#22
Acetophenone
Concen: 40.76 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:105	Resp:	638273
Ion Ratio	Lower	Upper
105	100	
71	10.2	4.8 7.2#
51	33.8	32.6 49.0
120	21.2	16.5 24.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

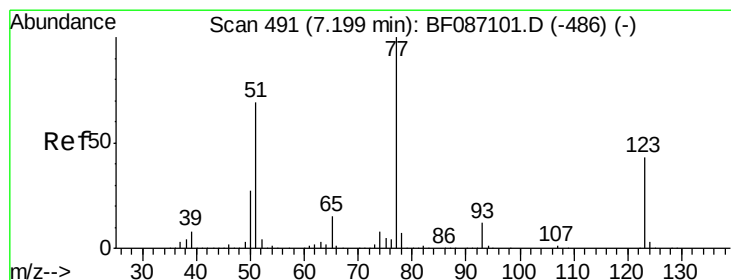
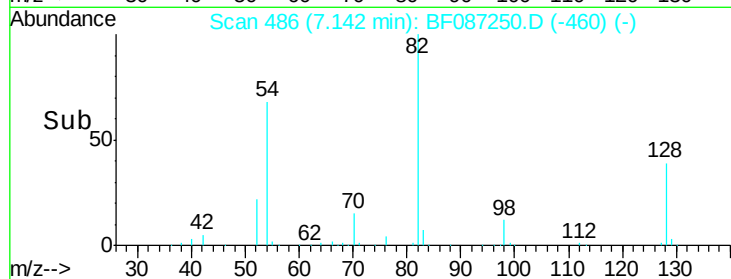
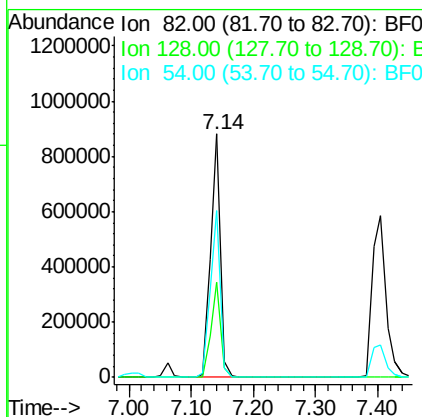
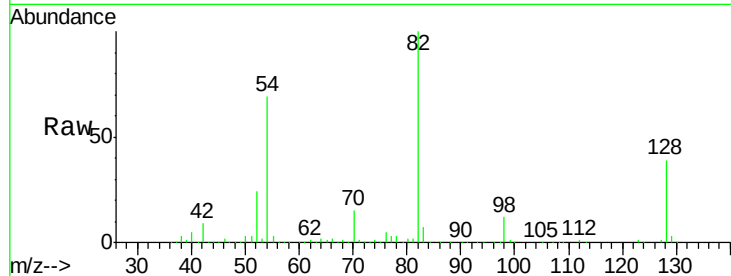




#23
 Nitrobenzene-d5
 Concen: 74.85 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

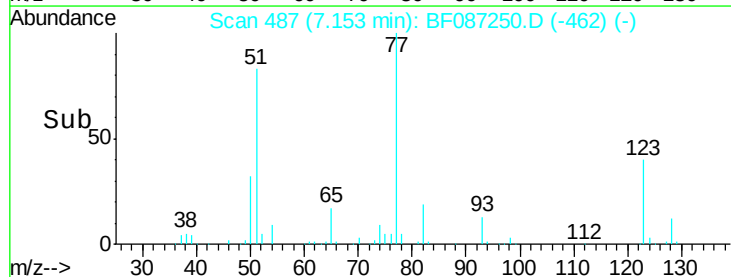
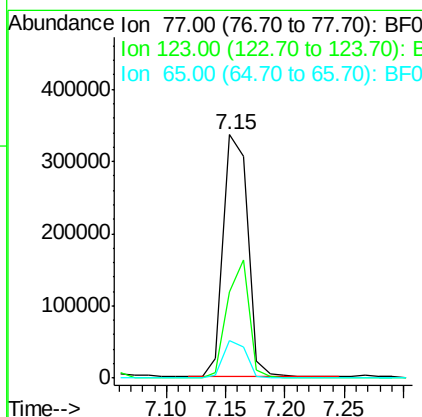
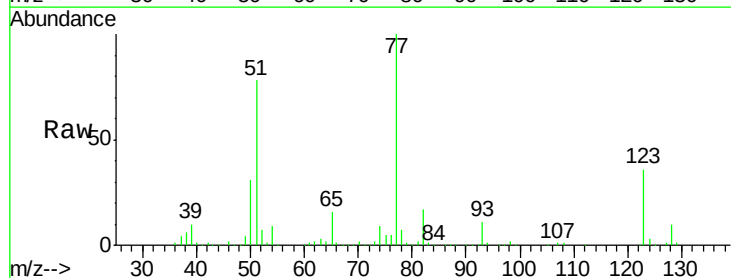
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

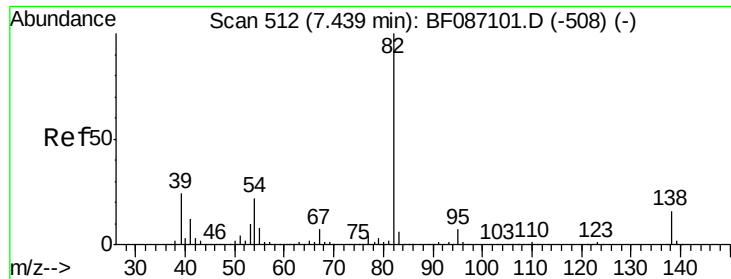
Tot Ion: 82 Resp: 961013
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 68.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 34.34 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion: 77 Resp: 481363
 Ion Ratio Lower Upper
 77 100
 123 35.7 33.0 49.4
 65 15.6 10.8 16.2





#25

Isophorone

Concen: 38.54 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

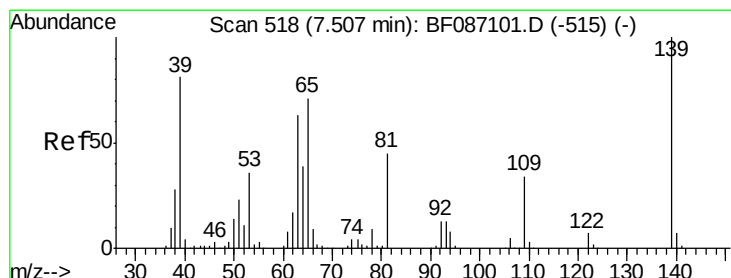
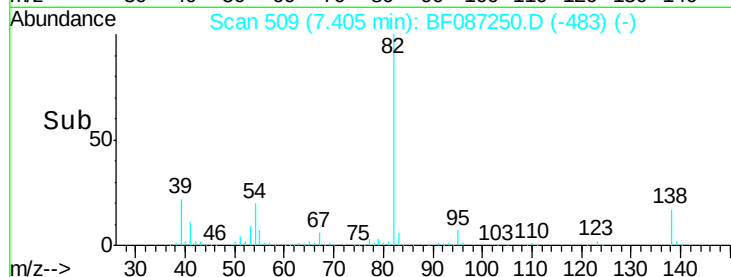
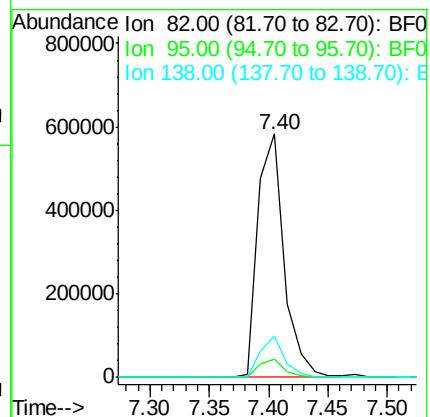
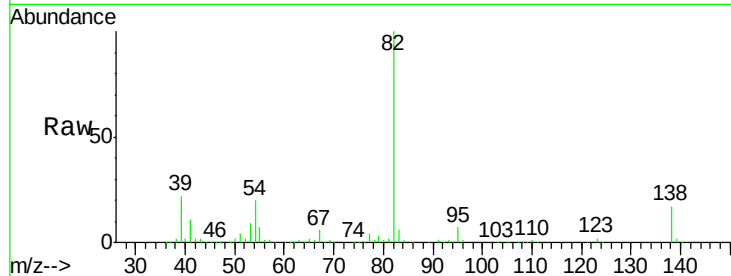
Tot Ion: 82 Resp: 905860

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

138 17.1 12.4 18.6



#26

2-Nitrophenol

Concen: 39.46 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

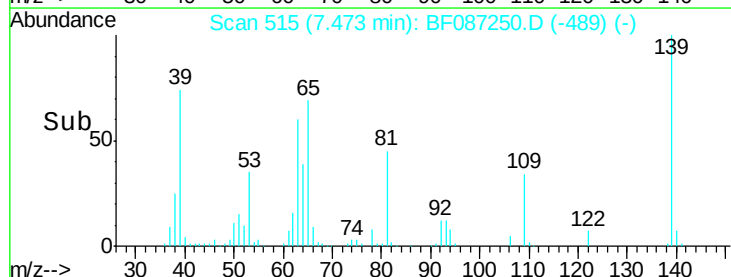
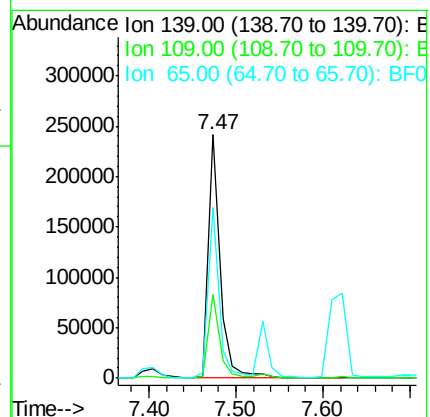
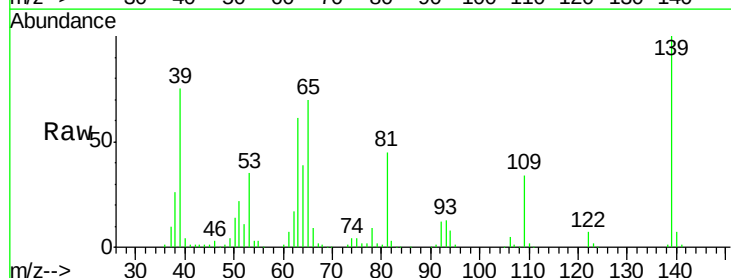
Tgt Ion: 139 Resp: 229159

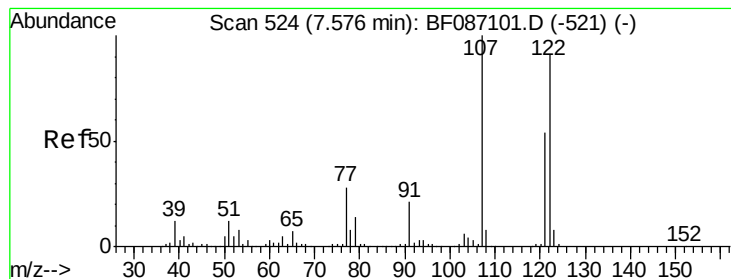
Ion Ratio Lower Upper

139 100

109 34.1 19.5 29.3#

65 70.3 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 36.24 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

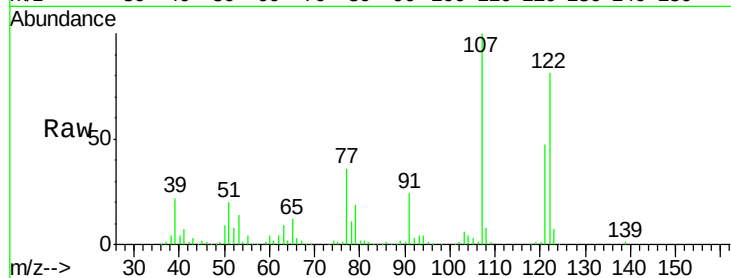
Tot Ion:122 Resp: 359133

Ion Ratio Lower Upper

122 100

107 123.7 82.0 123.0#

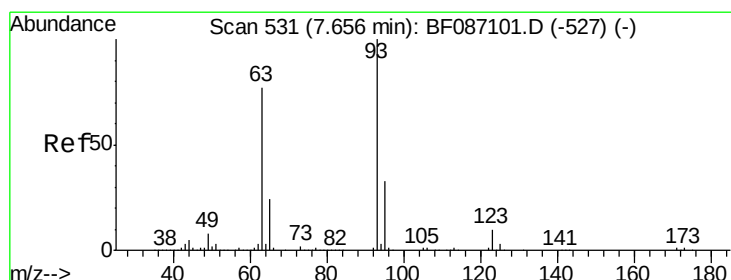
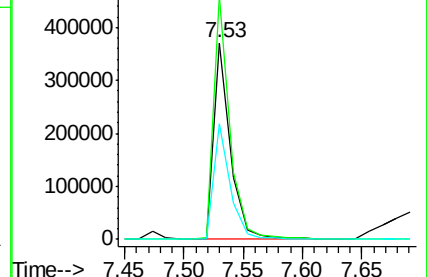
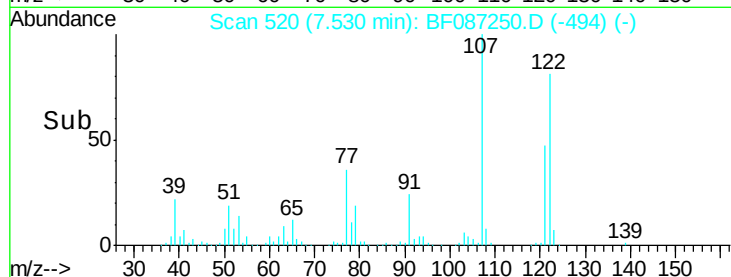
121 58.6 46.1 69.1



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: 38.59 ng

RT: 7.62 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

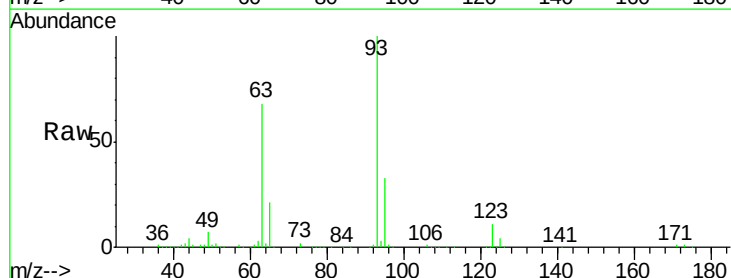
Tgt Ion: 93 Resp: 497989

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

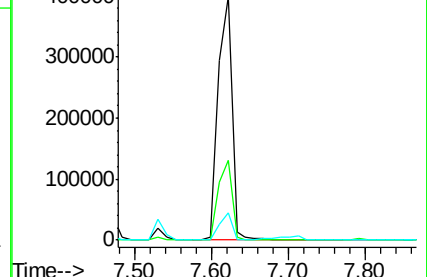
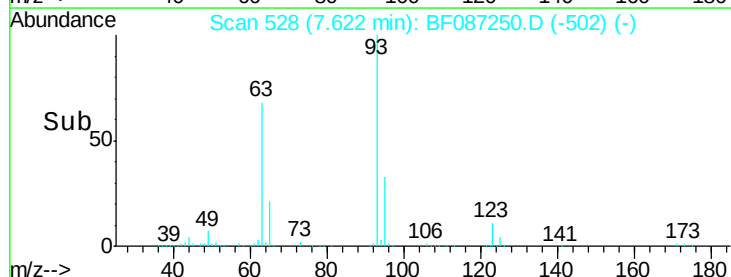
123 11.3 9.5 14.3

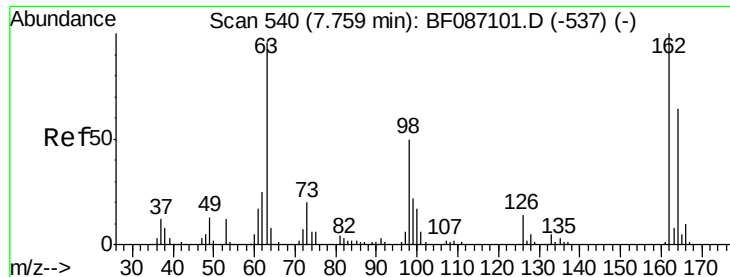


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

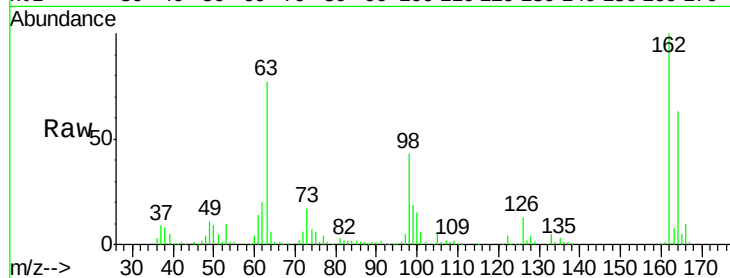




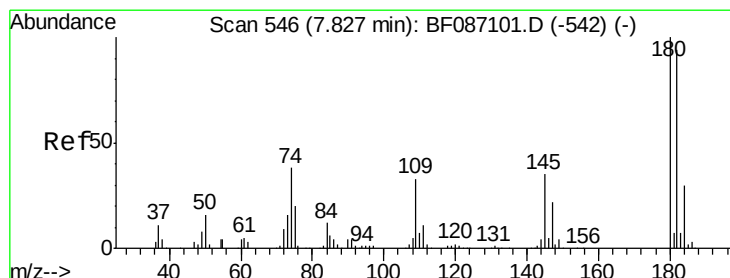
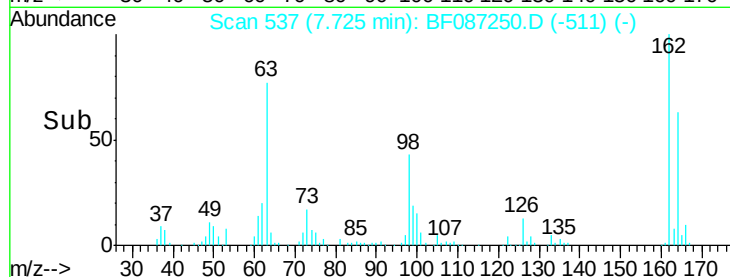
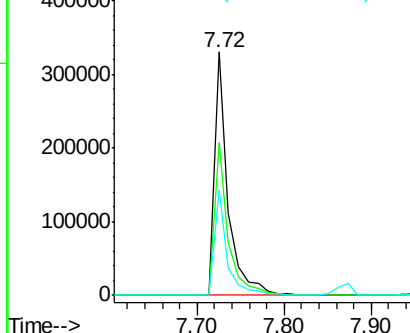
#29
 2,4-Dichlorophenol
 Concen: 41.54 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.2	82.2
98	43.3	19.0	59.0

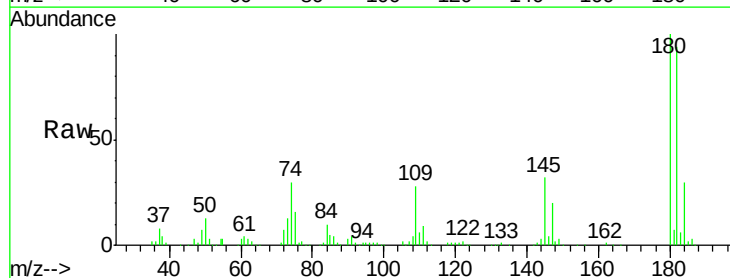


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

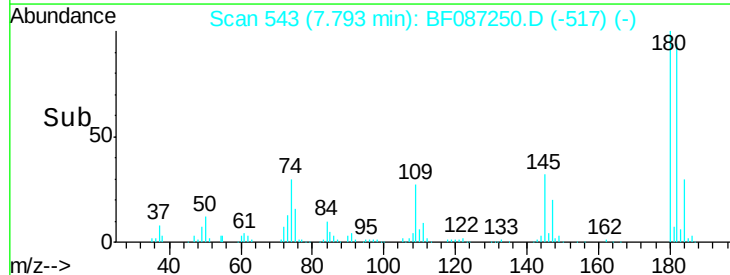
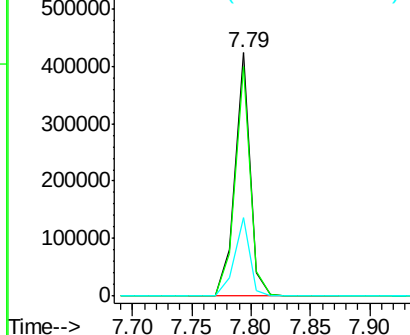


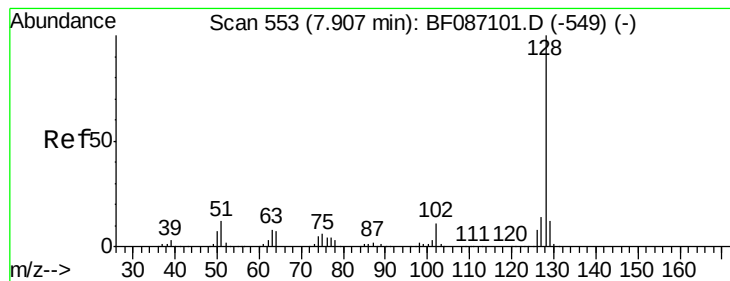
#30
 1,2,4-Trichlorobenzene
 Concen: 39.04 ng
 RT: 7.79 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.0	117.0
145	32.3	24.2	36.2



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





#31

Naphthalene

Concen: 38.75 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

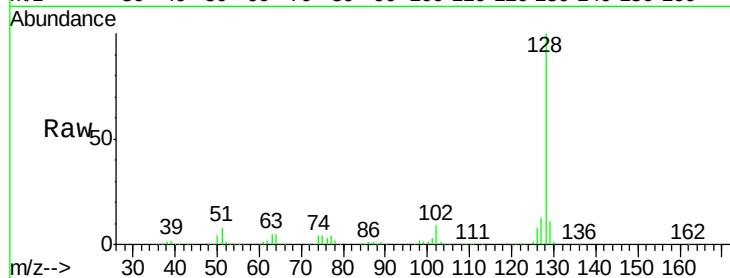
Tot Ion:128 Resp: 1211558

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

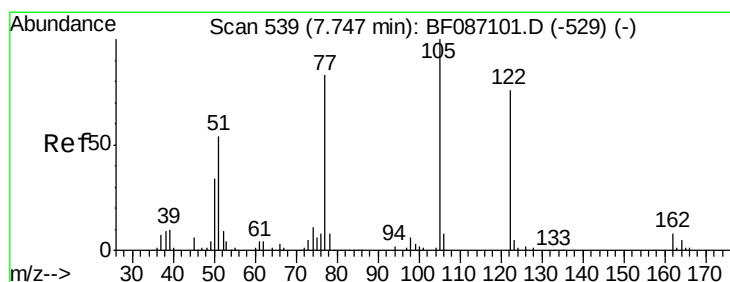
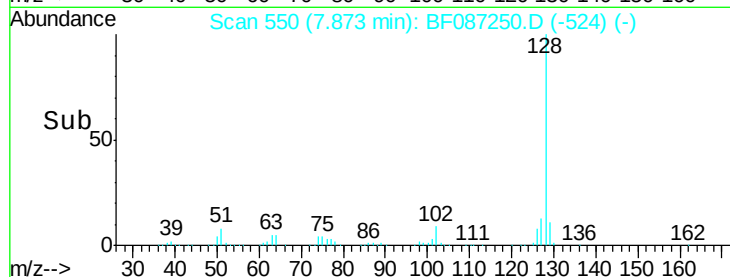
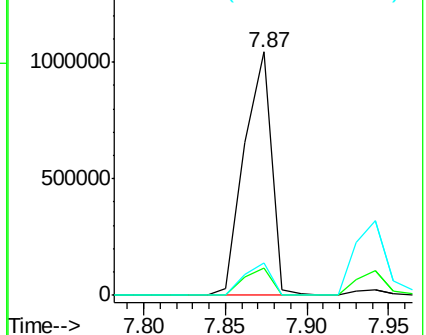
127 13.4 10.8 16.2



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: 33.59 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

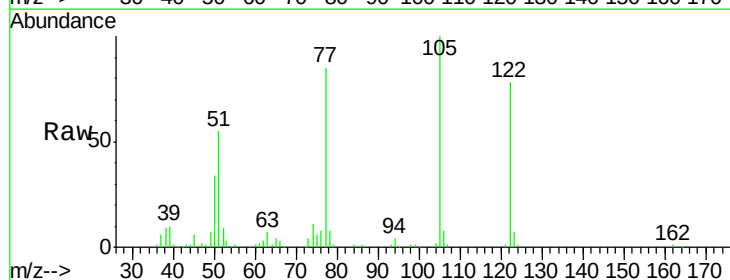
Tgt Ion:122 Resp: 198431

Ion Ratio Lower Upper

122 100

105 129.0 92.6 132.6

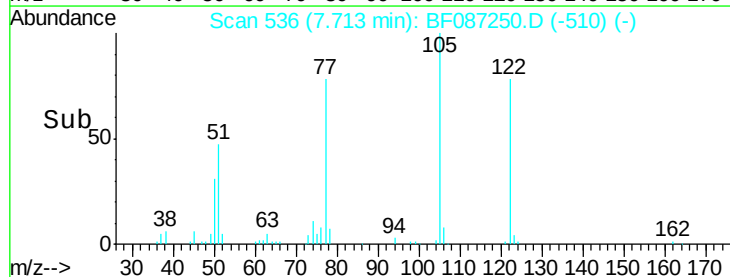
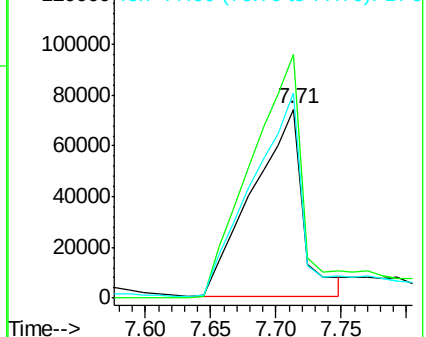
77 109.0 60.0 100.0#

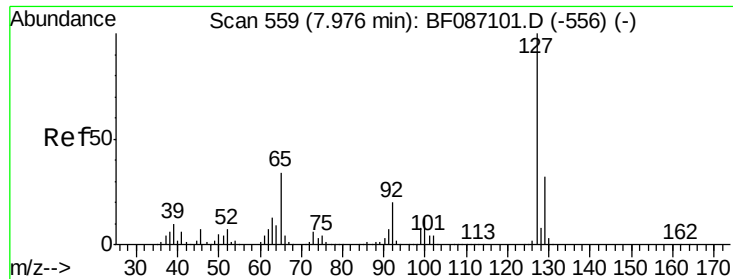


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

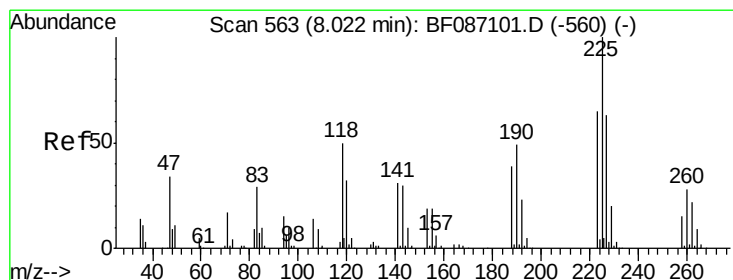
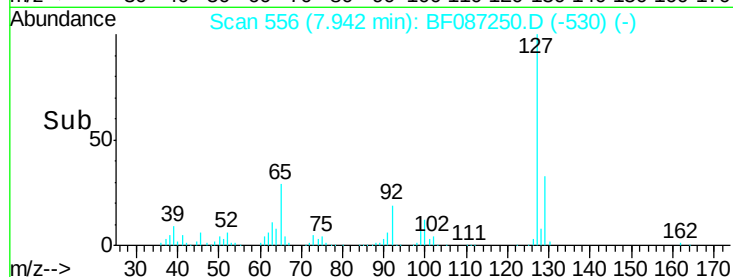
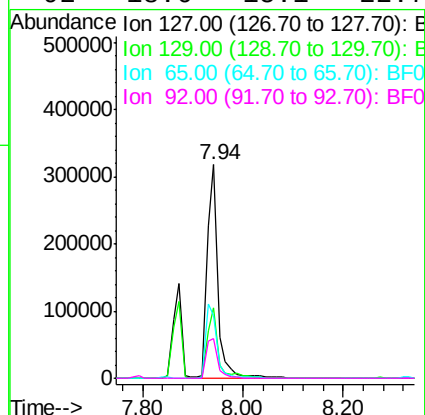
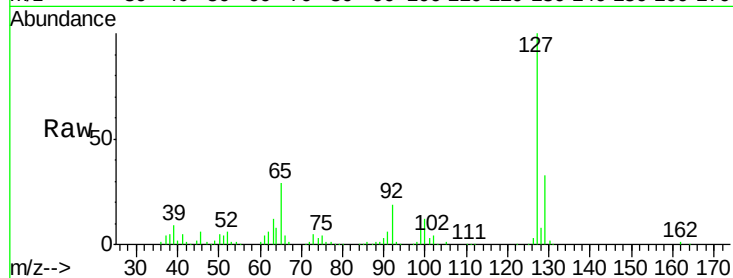




#33
4-Chloroaniline
Concen: 35.73 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

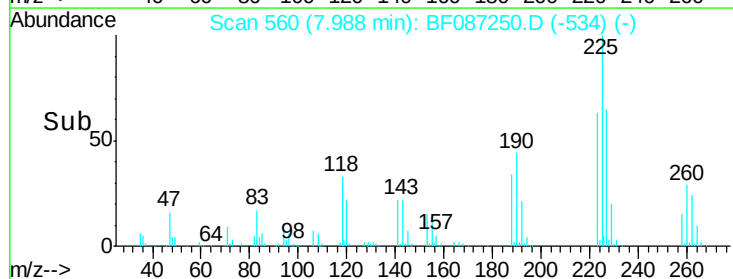
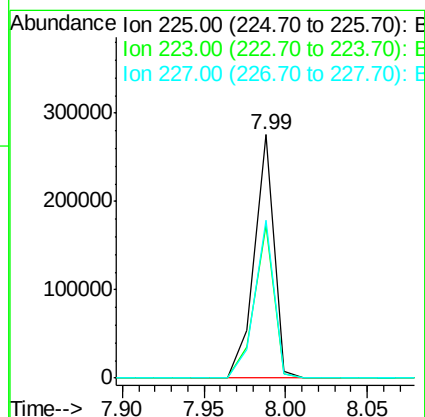
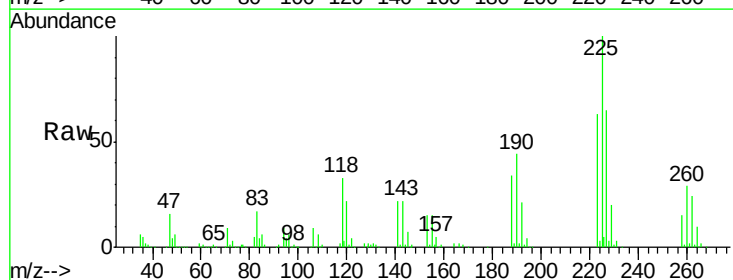
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

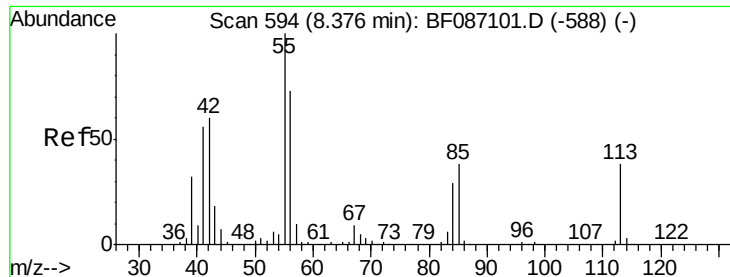
Tot Ion:	127	Resp:	464323
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	29.5	23.0	34.4
92	18.6	15.1	22.7



#34
Hexachlorobutadiene
Concen: 42.31 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:	225	Resp:	232673
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.5	77.3
227	64.8	52.2	78.2

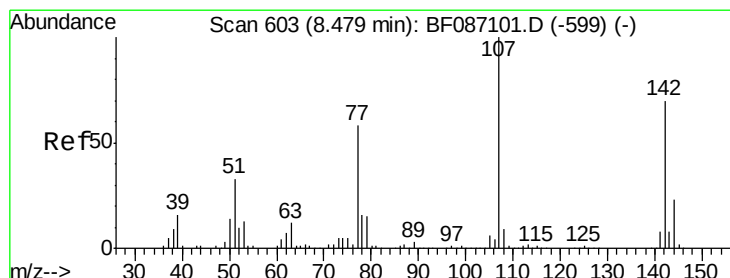
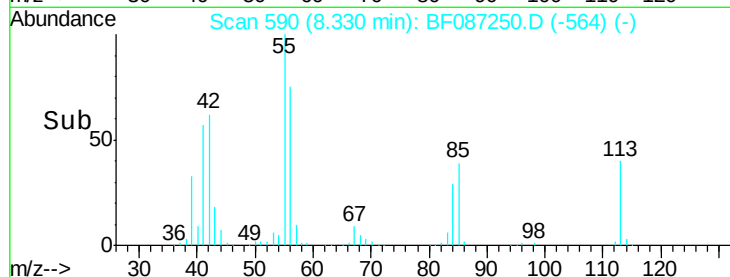
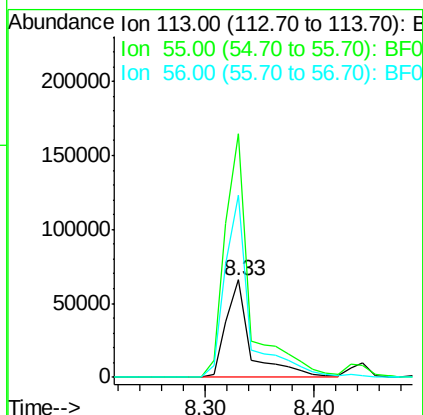
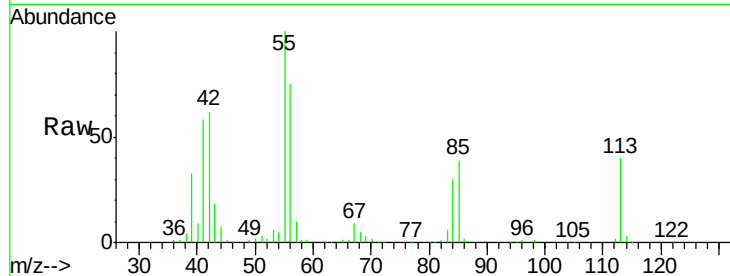




#35
 Caprolactam
 Concen: 35.48 ng
 RT: 8.33 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

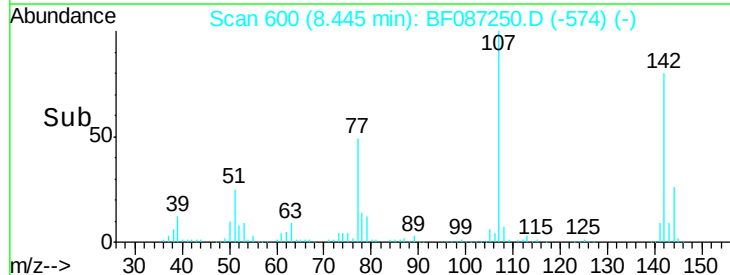
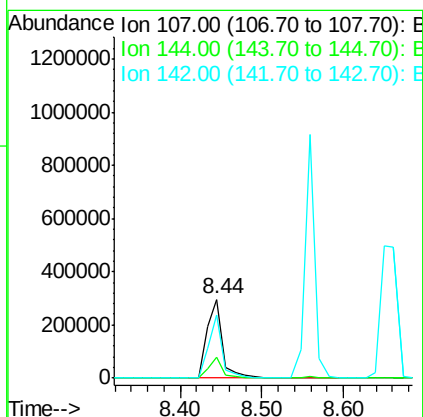
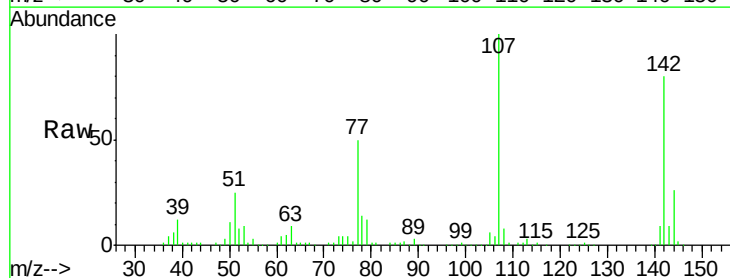
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

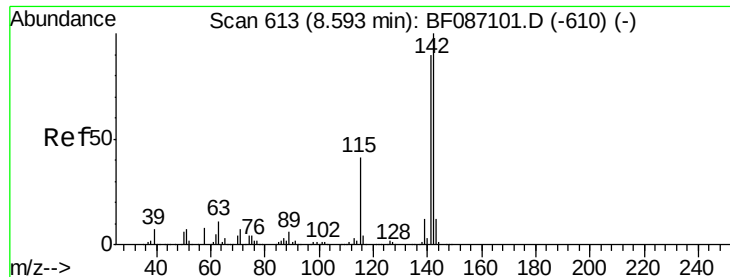
Tot Ion:113 Resp: 103170
 Ion Ratio Lower Upper
 113 100
 55 250.8 162.0 202.0#
 56 187.9 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 37.66 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion:107 Resp: 396695
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.7 31.1
 142 79.9 63.2 94.8

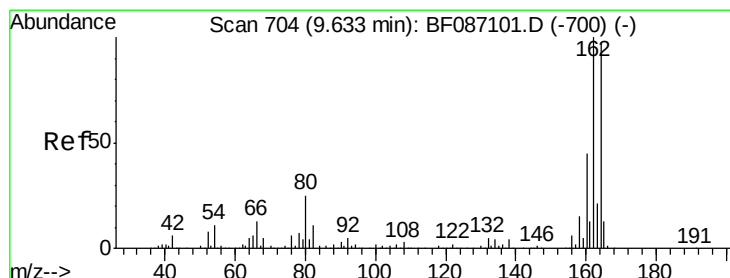
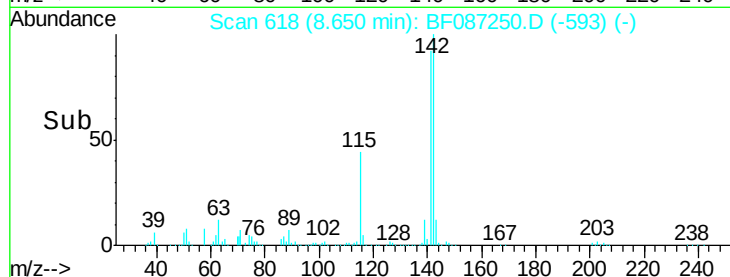
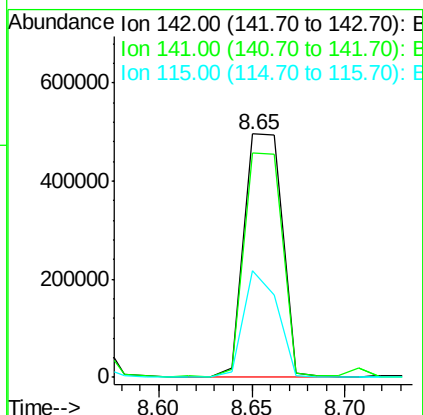
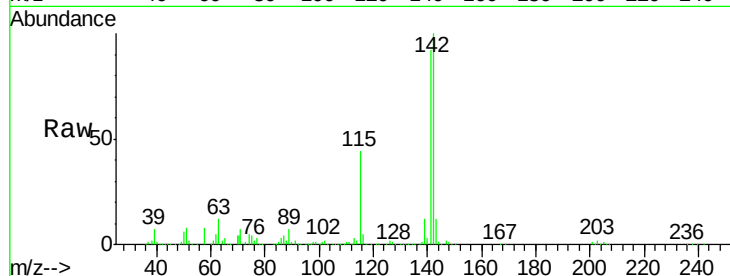




#37
2-Methylnaphthalene
Concen: 34.70 ng
RT: 8.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

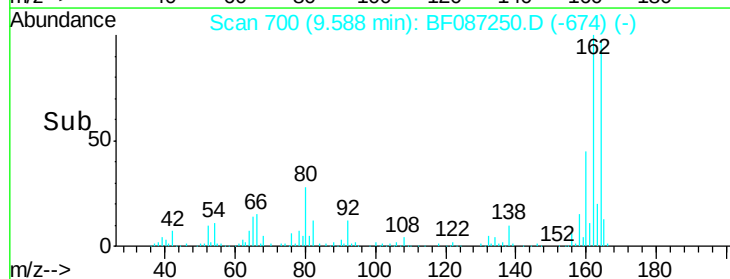
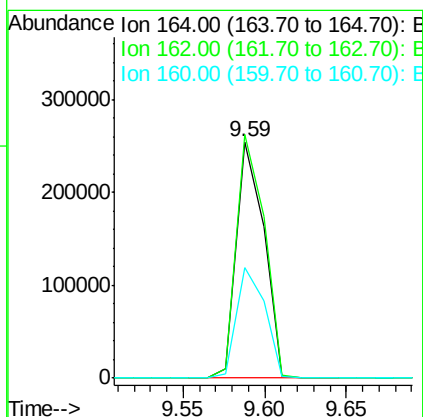
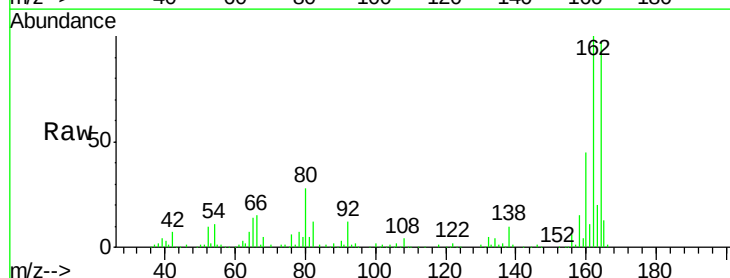
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

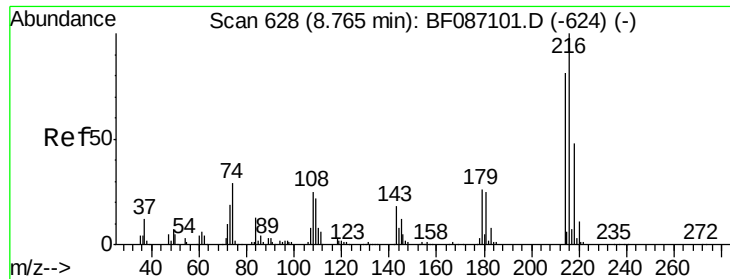
Tot Ion:142 Resp: 693976
Ion Ratio Lower Upper
142 100
141 92.1 71.0 106.6
115 43.7 26.6 39.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:164 Resp: 294581
Ion Ratio Lower Upper
164 100
162 103.2 82.8 124.2
160 46.6 36.9 55.3

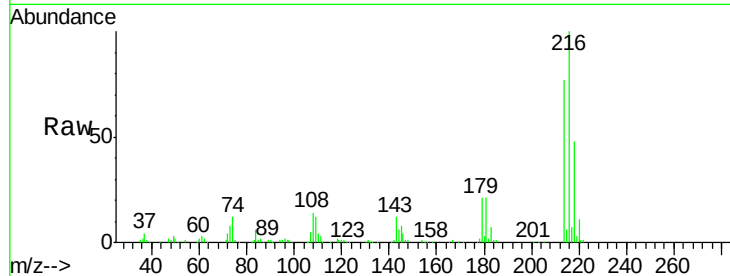




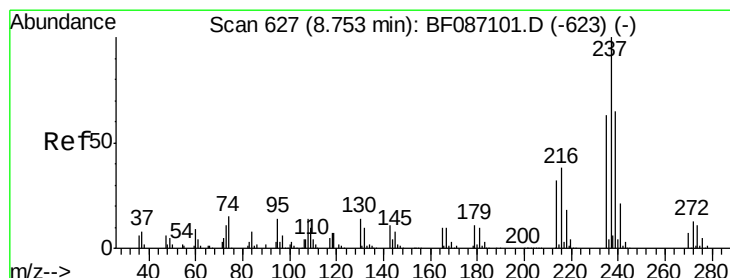
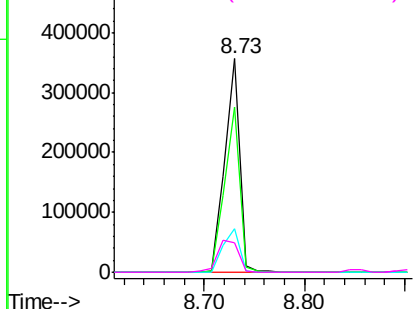
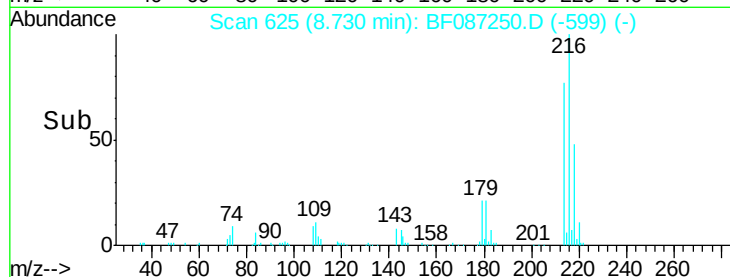
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.57 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	216	Resp:	366265
Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	22.9	18.2	27.4
108	21.0	17.5	26.3

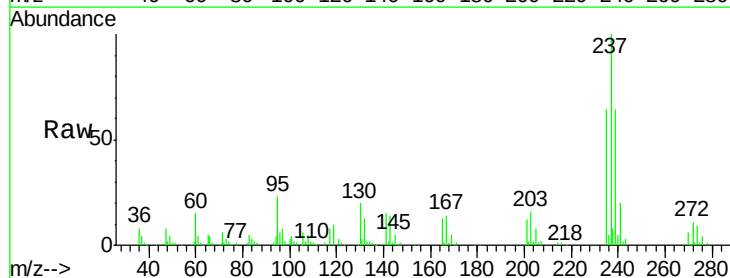


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

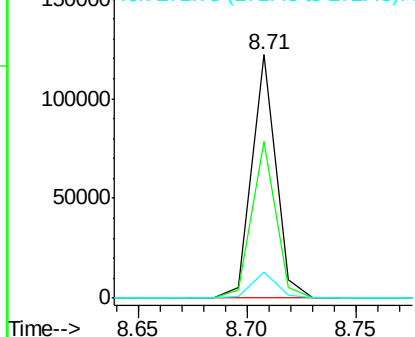
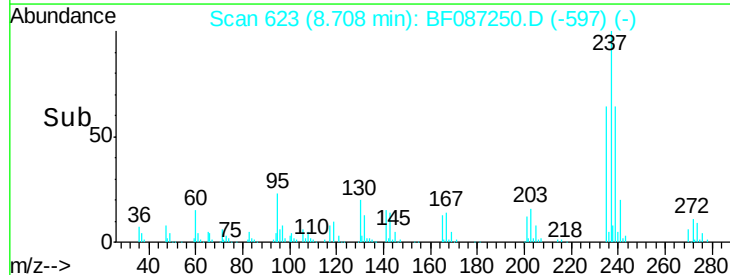


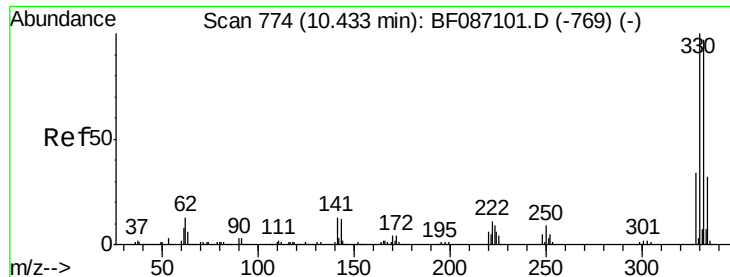
#40
 Hexachlorocyclopentadiene
 Concen: 33.40 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion:	237	Resp:	94117
Ion	Ratio	Lower	Upper
237	100		
235	64.2	47.2	87.2
272	10.7	0.0	31.1



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

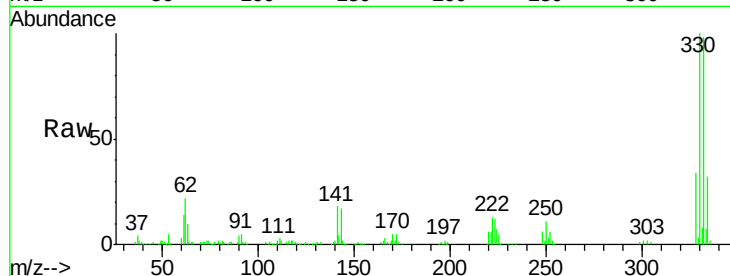




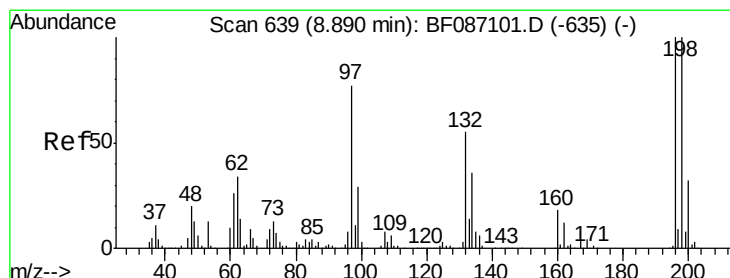
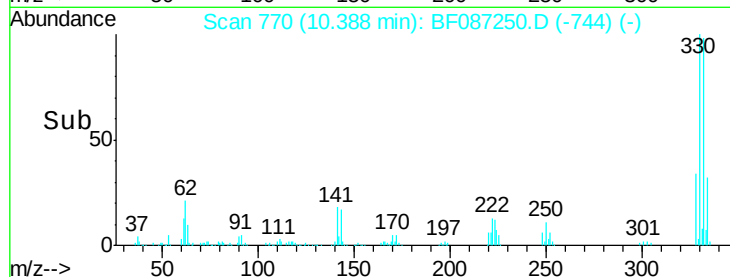
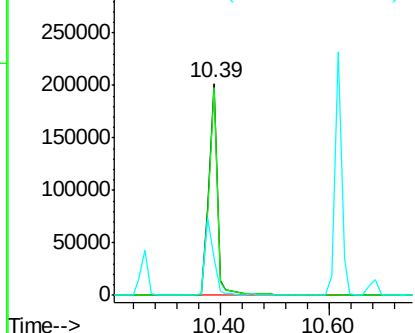
#41
 2,4,6-Tribromophenol
 Concen: 68.47 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 222898
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 38.5 31.2 46.8

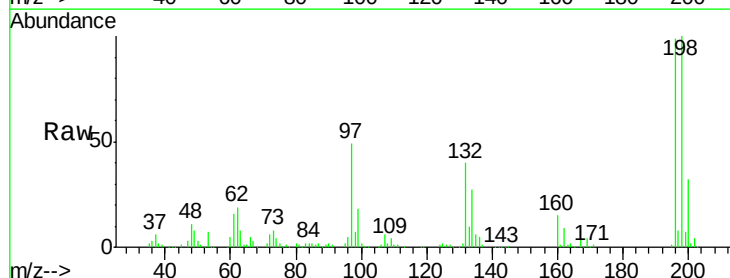


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

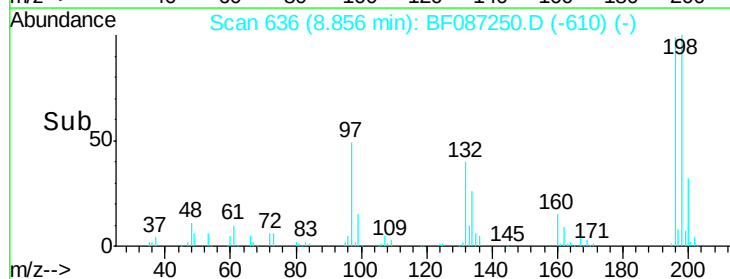
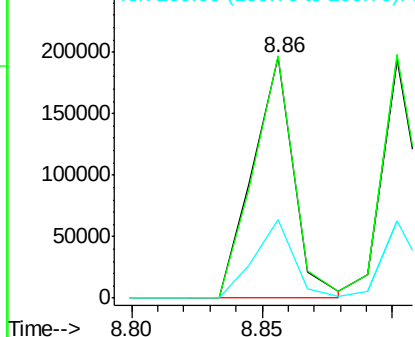


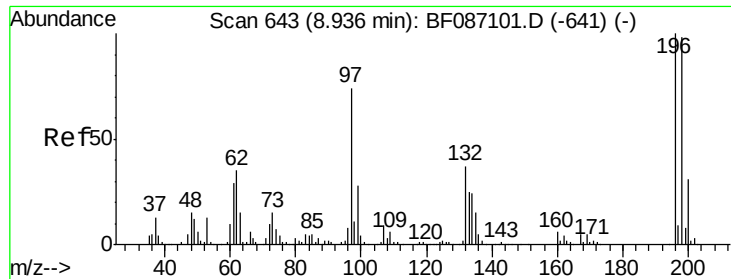
#42
 2,4,6-Trichlorophenol
 Concen: 38.71 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion:196 Resp: 215989
 Ion Ratio Lower Upper
 196 100
 198 100.7 74.7 112.1
 200 32.5 23.8 35.6



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

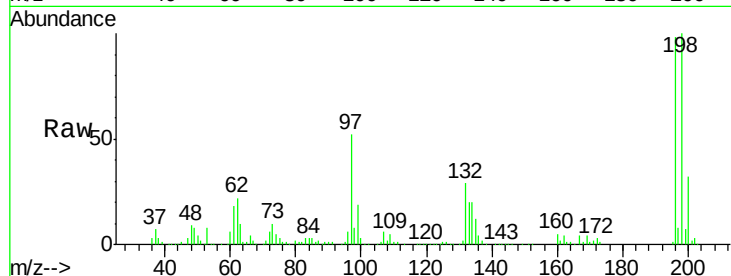




#43
 2,4,5-Trichlorophenol
 Concen: 36.41 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.3	77.5	116.3
97	52.9	34.8	52.2
132	29.4	23.0	34.4



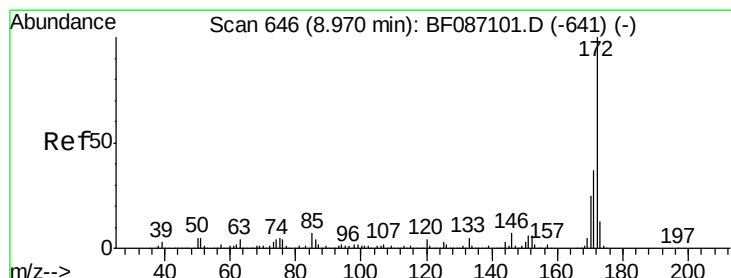
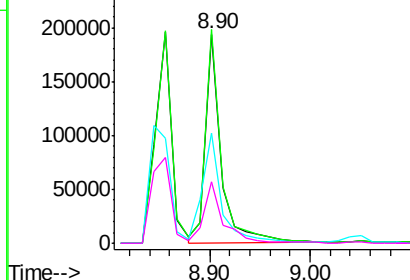
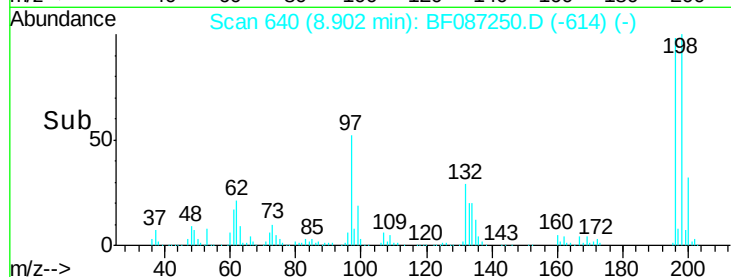
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

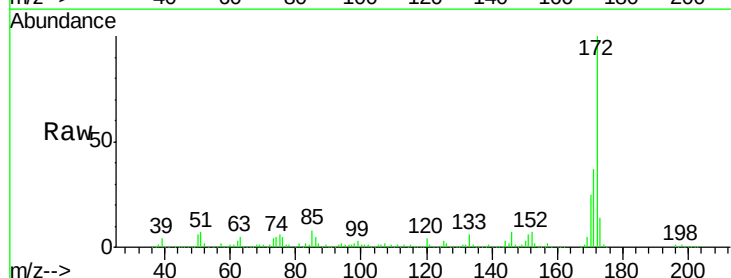
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.27 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.8	19.8	29.8

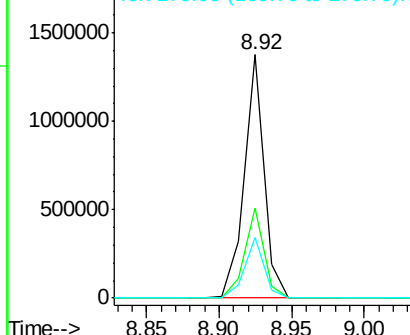
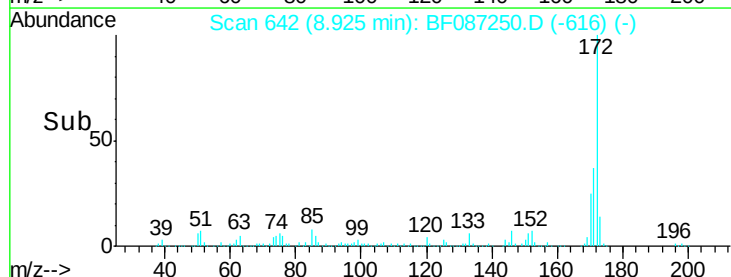


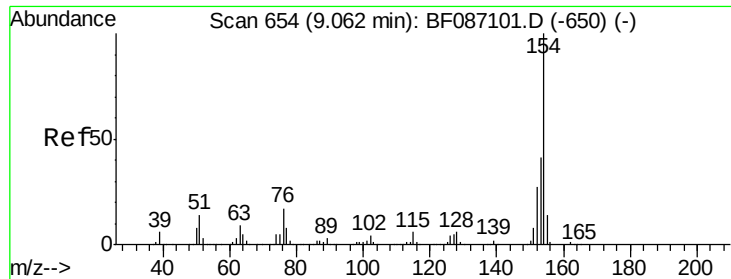
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

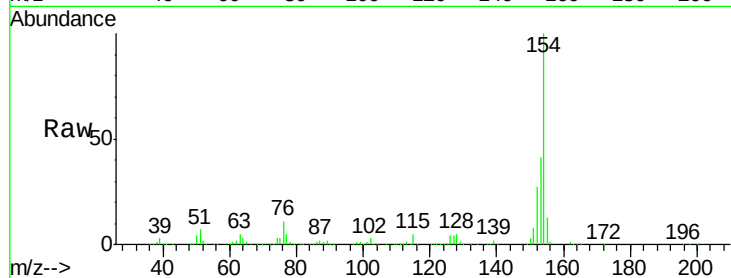




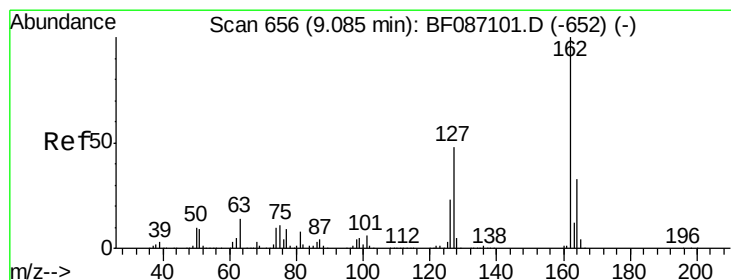
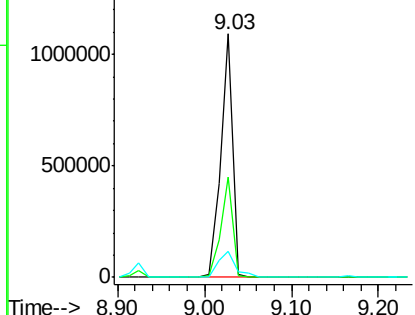
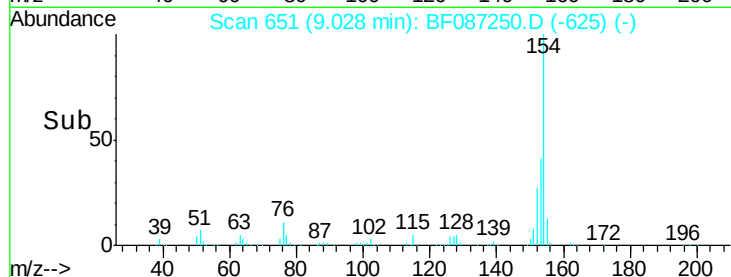
#45
 1,1'-Biphenyl
 Concen: 43.71 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 1067622
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.3 60.3
 76 10.5 0.0 30.2

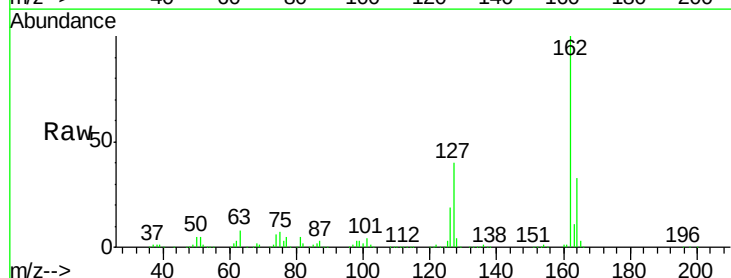


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

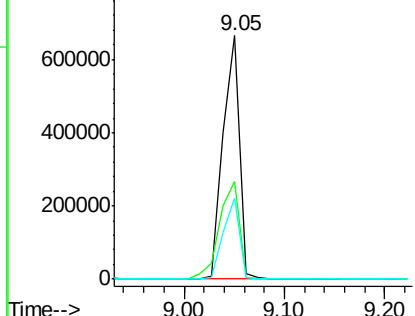
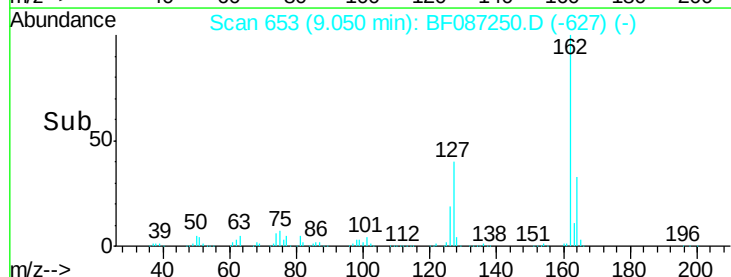


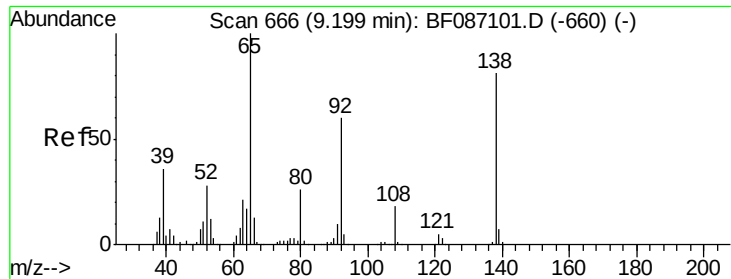
#46
 2-Chloronaphthalene
 Concen: 40.14 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion:162 Resp: 752704
 Ion Ratio Lower Upper
 162 100
 127 40.2 31.8 47.6
 164 33.1 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

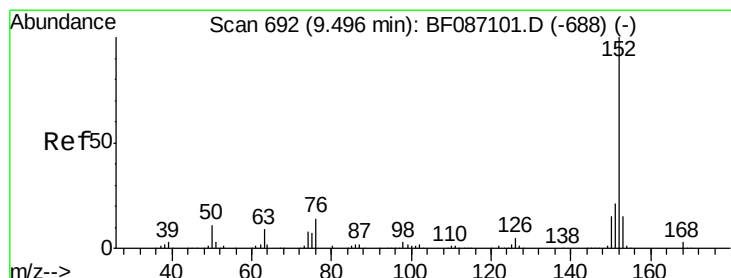
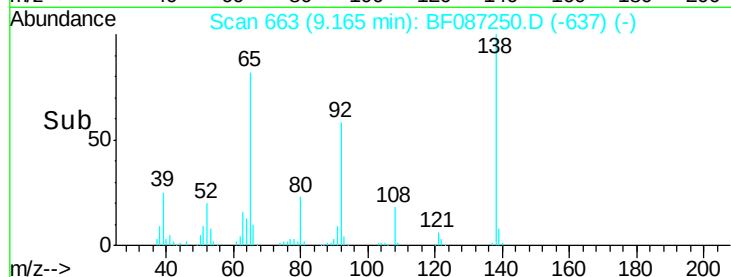
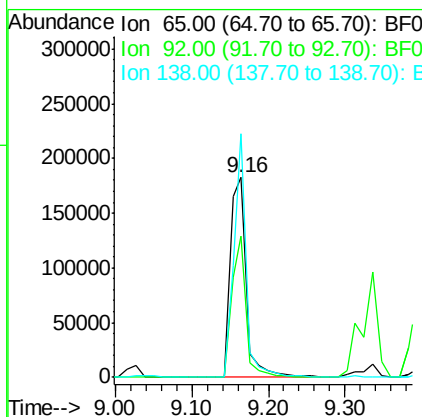
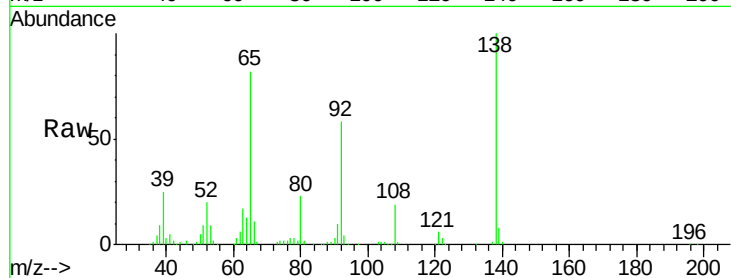




#47
2-Nitroaniline
Concen: 37.98 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

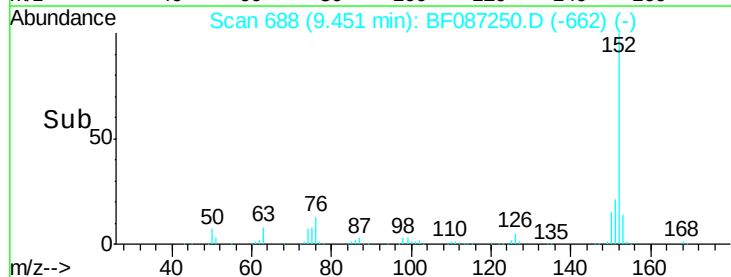
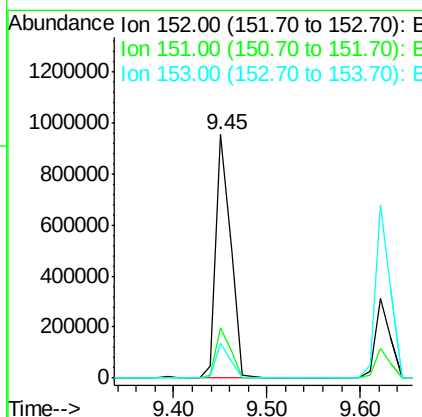
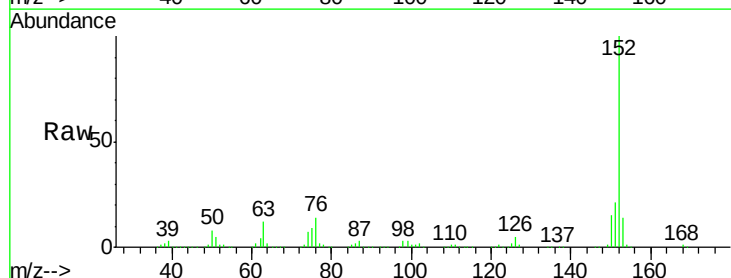
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

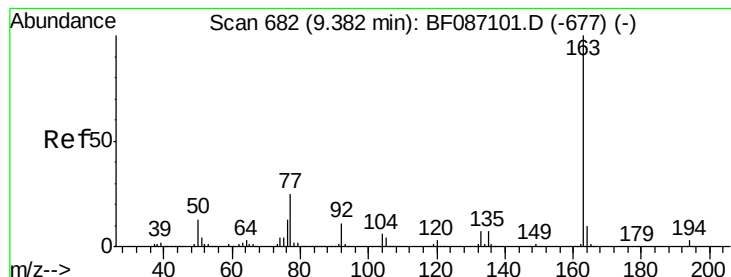
Tot Ion: 65 Resp: 272899
Ion Ratio Lower Upper
65 100
92 71.0 57.4 86.2
138 122.0 90.1 135.1



#48
Acenaphthylene
Concen: 36.37 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion: 152 Resp: 1041460
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.2 10.9 16.3





#49

Dimethylphthalate

Concen: 38.36 ng

RT: 9.34 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

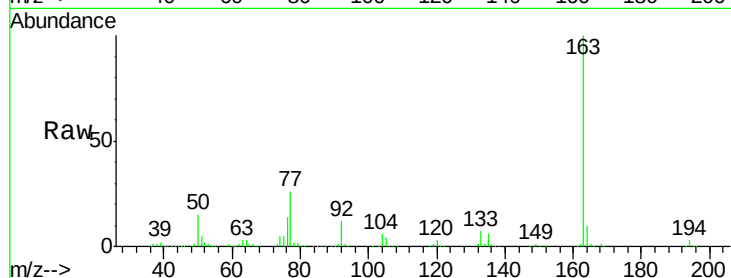
Tot Ion:163 Resp: 862069

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

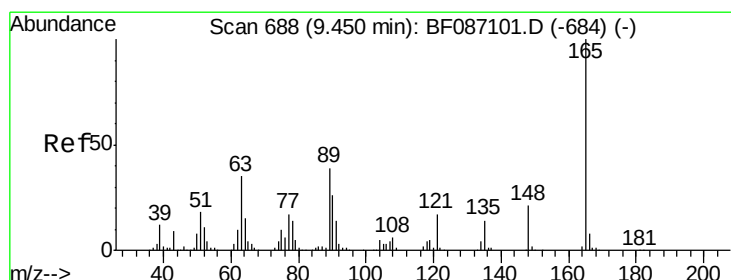
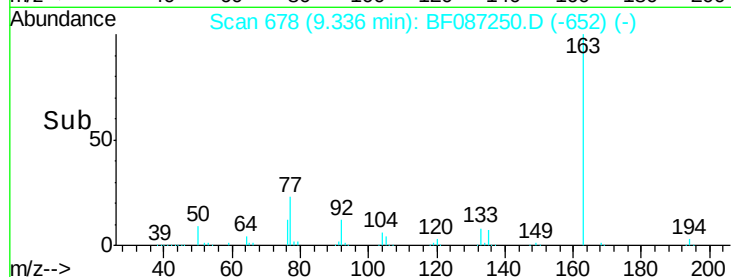
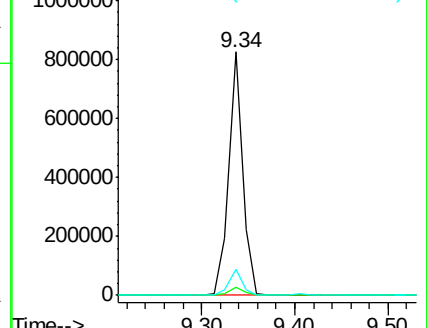
164 10.4 8.2 12.4



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: 40.97 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

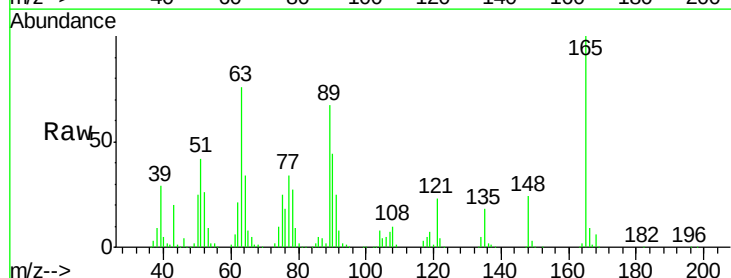
Tgt Ion:165 Resp: 199889

Ion Ratio Lower Upper

165 100

63 75.6 51.8 77.8

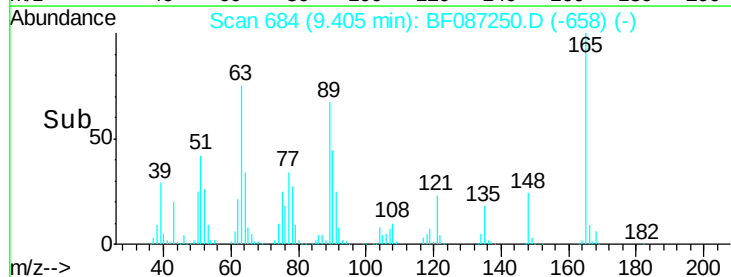
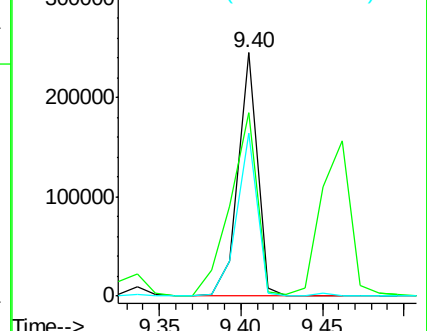
89 66.8 50.7 76.1

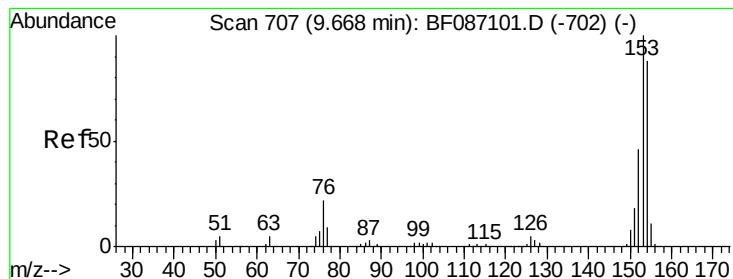


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.33 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

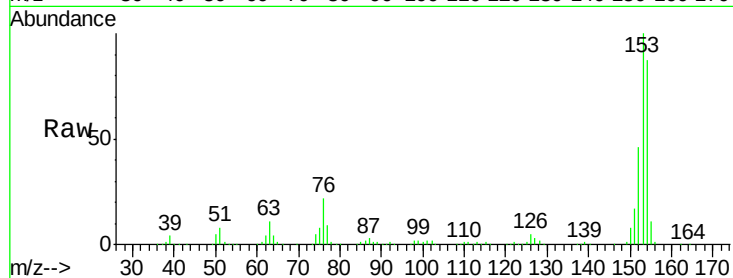
Tot Ion:154 Resp: 649984

Ion Ratio Lower Upper

154 100

153 114.9 89.8 134.6

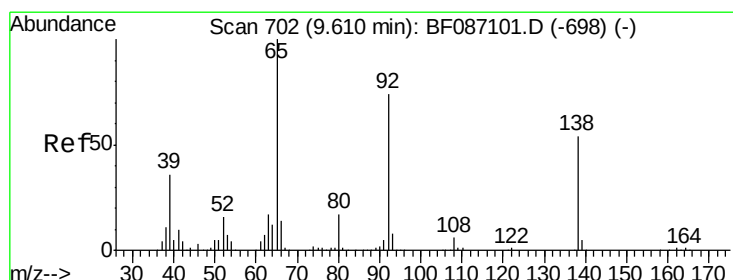
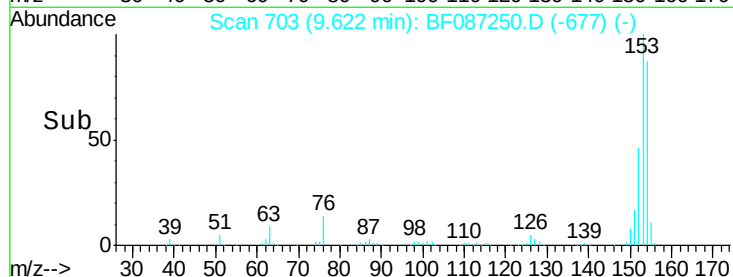
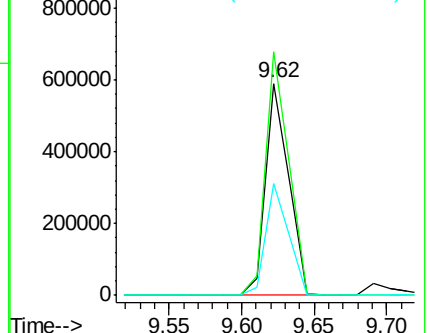
152 52.6 43.4 65.0



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: 40.16 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

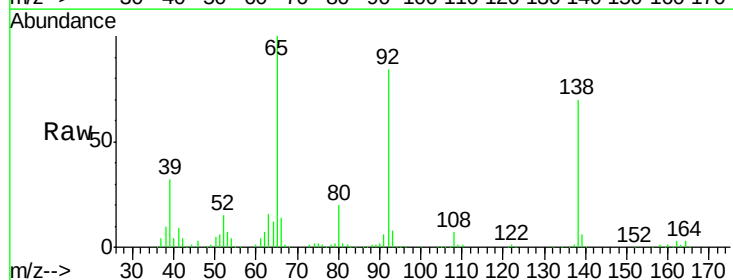
Tgt Ion:138 Resp: 212117

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

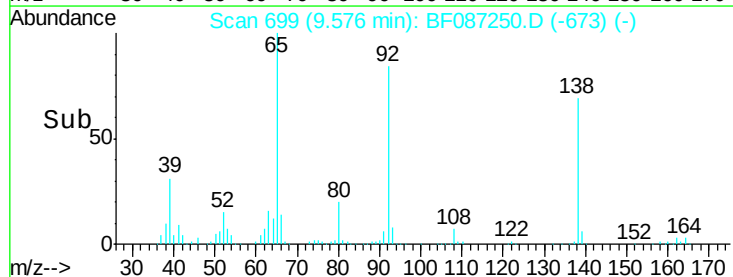
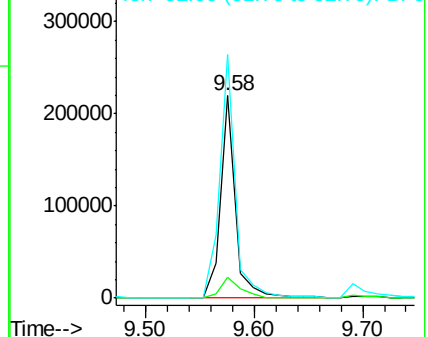
92 120.4 87.8 131.8

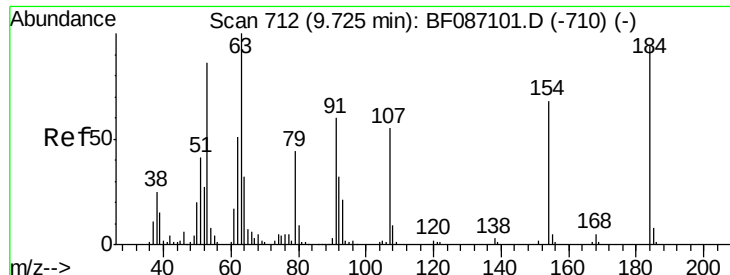


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

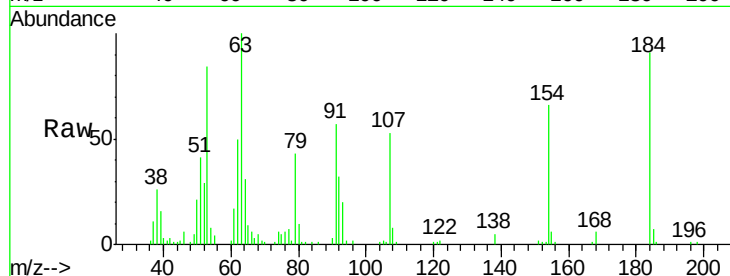




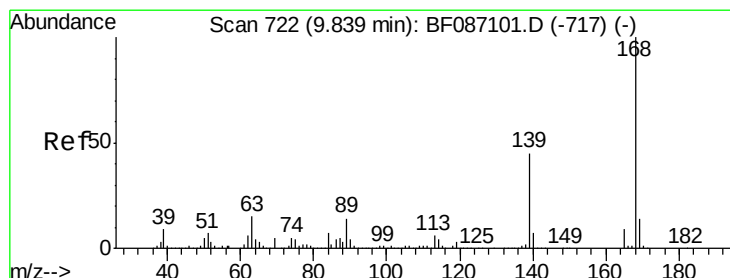
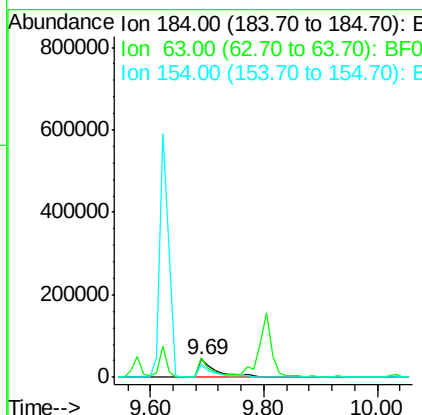
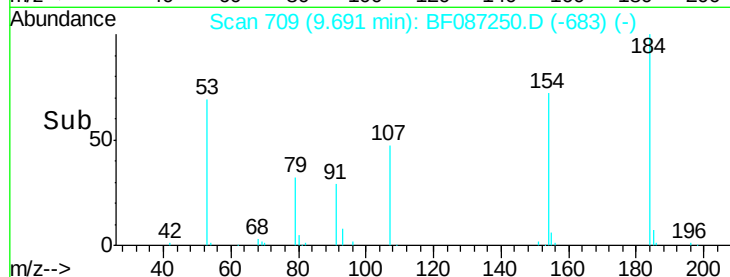
#53
2,4-Dinitrophenol
Concen: 36.46 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 94283
Ion Ratio Lower Upper
184 100
63 110.4 55.8 83.8#
154 72.9 62.4 93.6

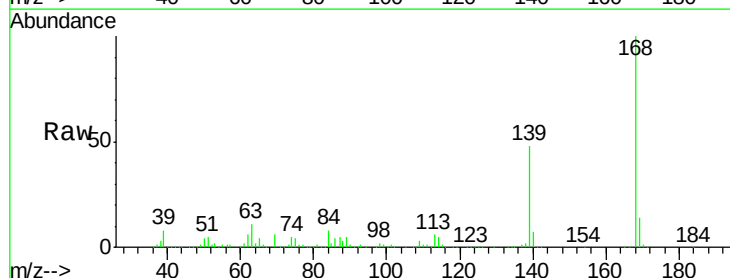


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

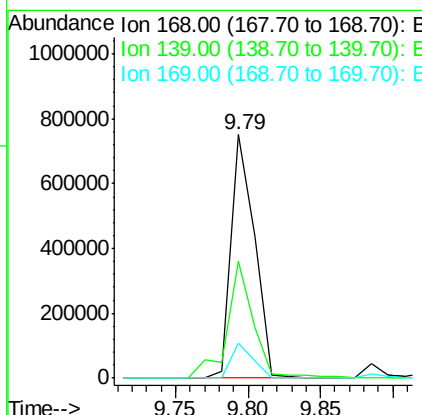
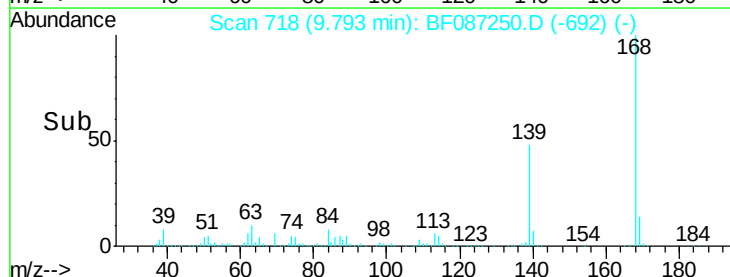


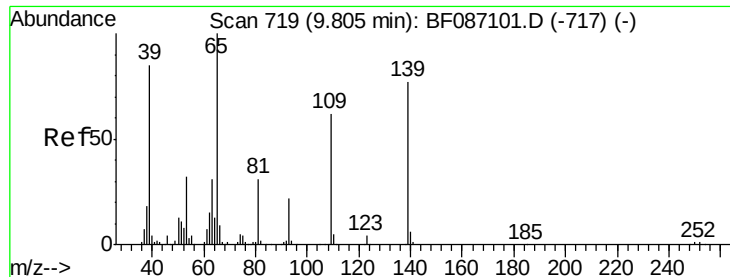
#54
Dibenzofuran
Concen: 36.36 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:168 Resp: 841200
Ion Ratio Lower Upper
168 100
139 47.9 31.4 47.0#
169 14.2 10.7 16.1



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





#55

4-Nitrophenol

Concen: 31.90 ng/mL

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040EC

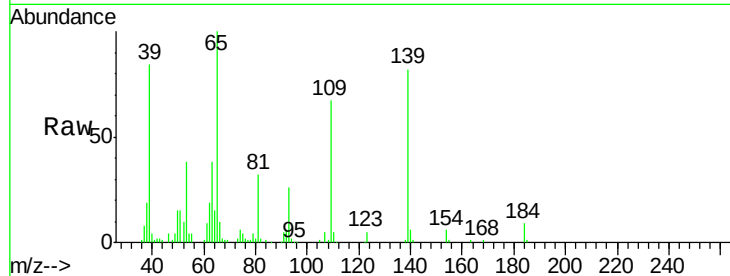
Tot Ion:139 Resp: 72389

Ion Ratio Lower Upper

139 100

109 80.8 36.9 76.9#

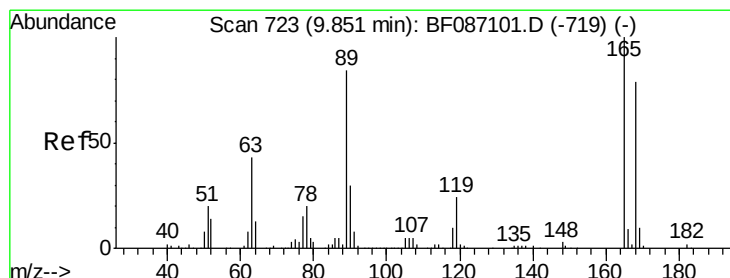
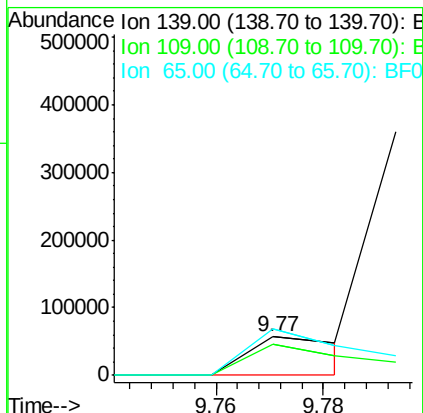
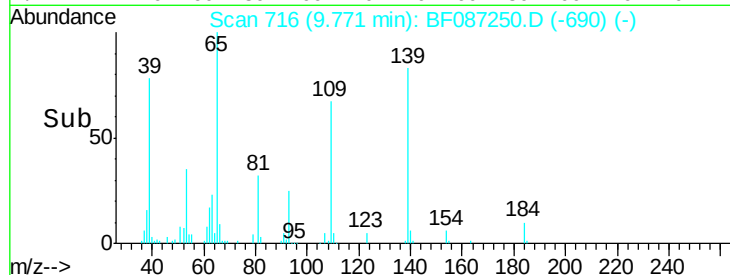
65 121.5 64.0 104.0#



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: 37.92 ng/mL

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Tgt Ion:165 Resp: 236992

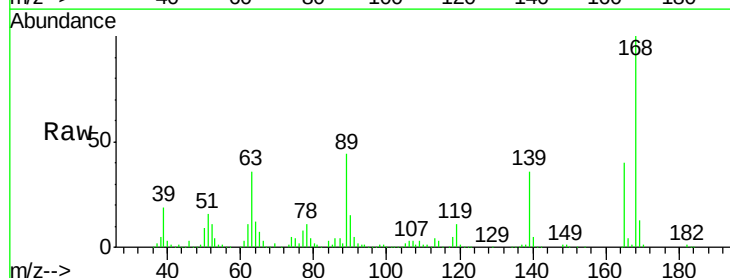
Ion Ratio Lower Upper

165 100

63 89.8 44.3 66.5#

89 109.5 70.0 105.0#

182 2.2 1.8 2.6

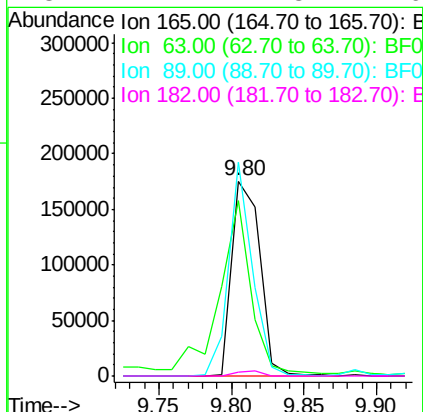
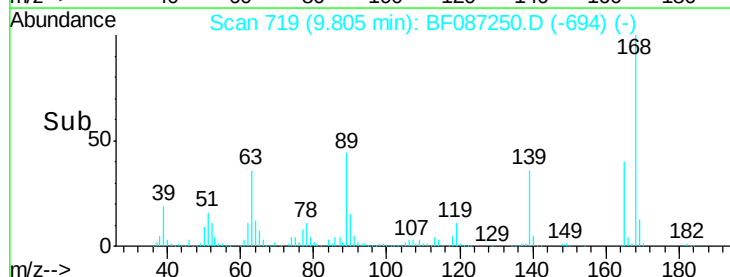


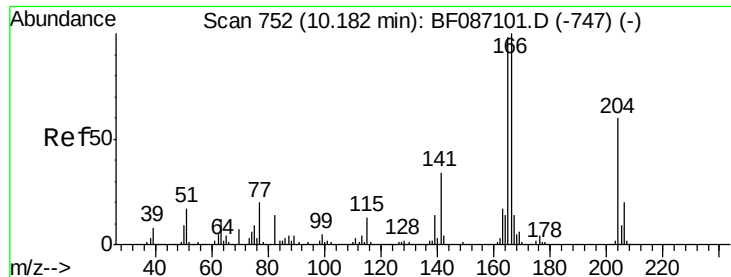
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.25 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

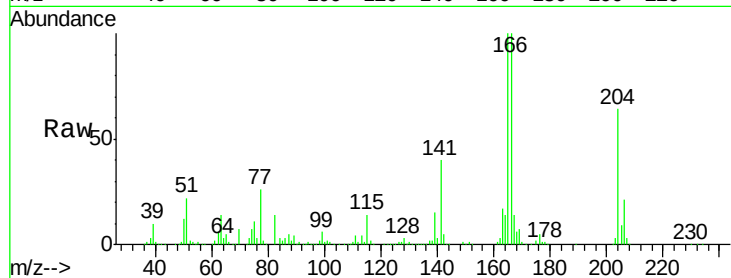
Tot Ion:166 Resp: 673777

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

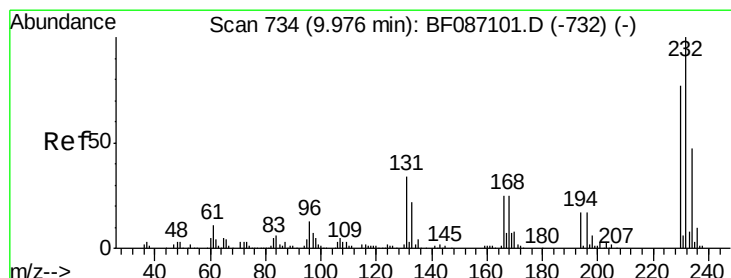
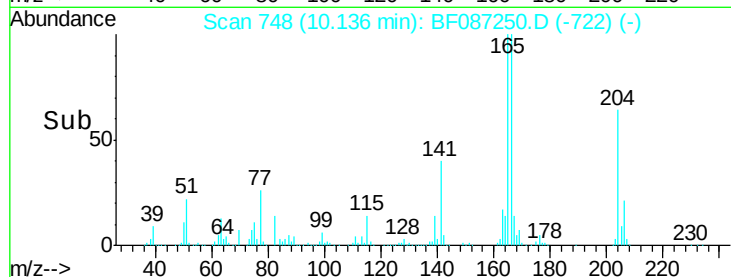
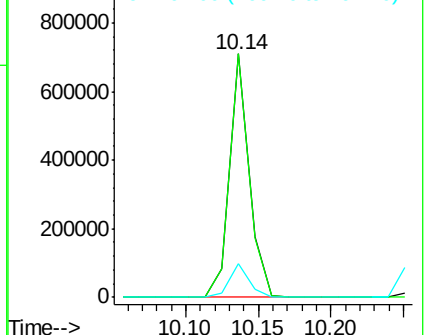
167 13.7 10.6 15.8



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: 39.77 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Tgt Ion:232 Resp: 179554

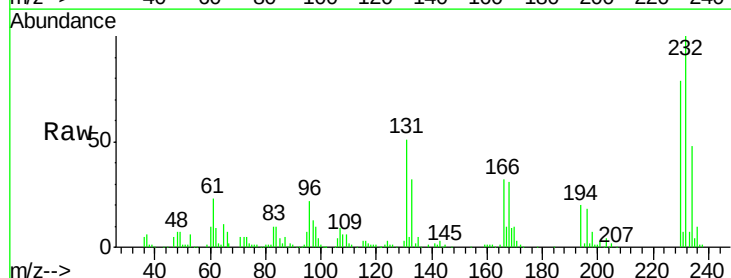
Ion Ratio Lower Upper

232 100

131 51.5 41.9 62.9

130 2.6 2.2 3.4

166 29.6 26.8 40.2

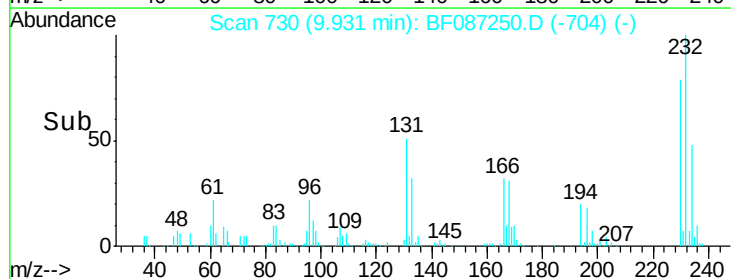
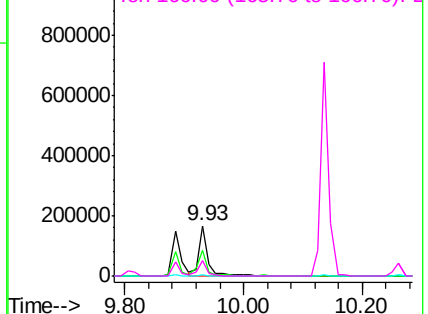


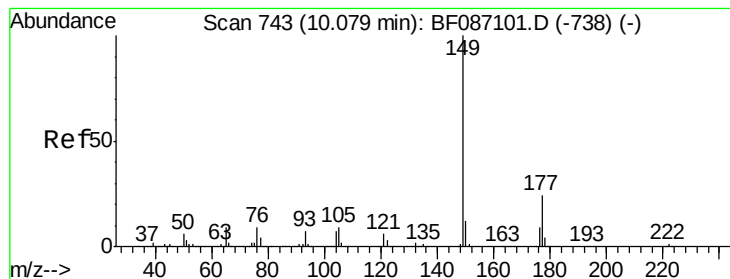
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.30 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

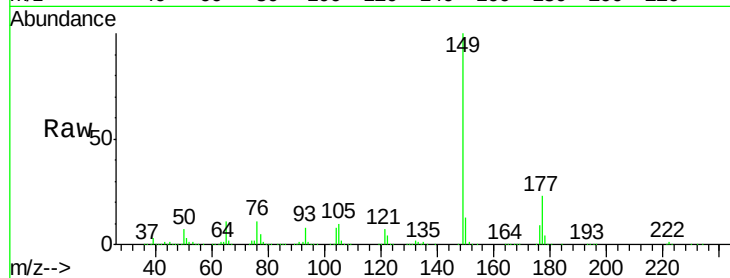
Tot Ion:149 Resp: 907522

Ion Ratio Lower Upper

149 100

177 22.7 16.6 24.8

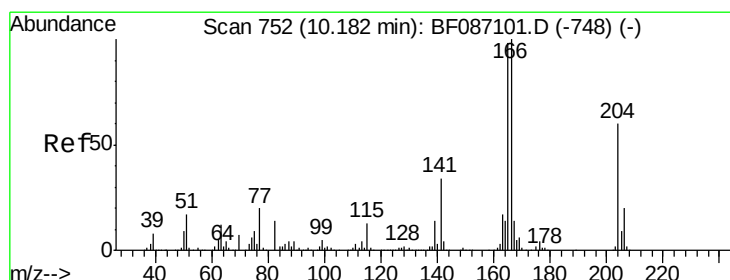
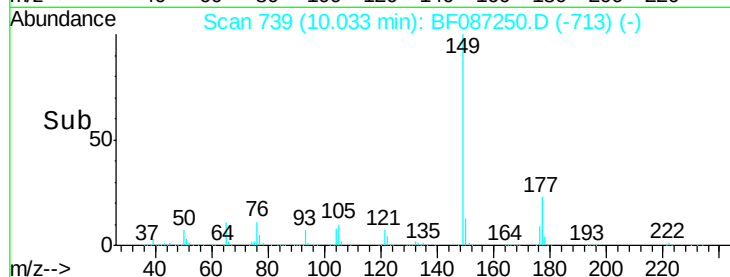
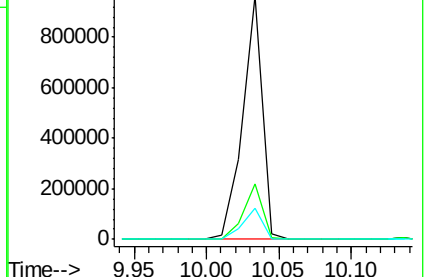
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.96 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

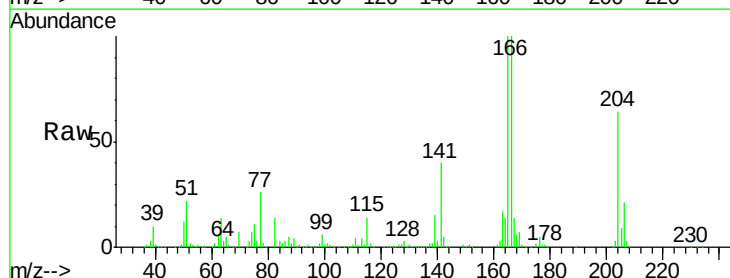
Tgt Ion:204 Resp: 387259

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

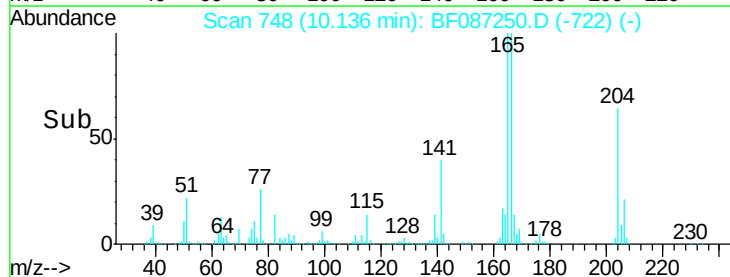
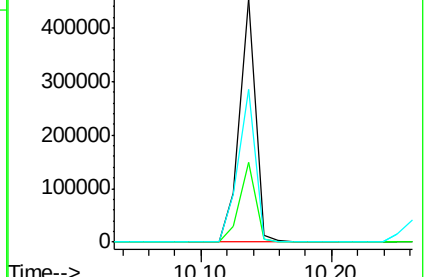
141 62.6 61.6 92.4

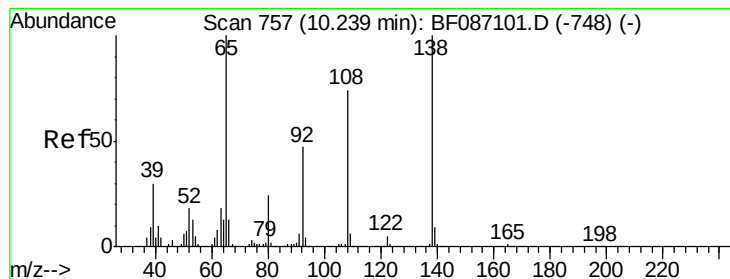


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.25 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

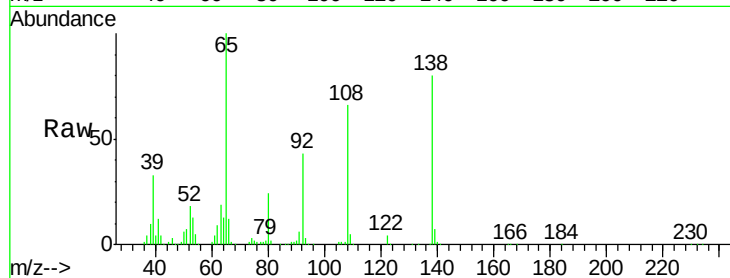
Tot Ion:138 Resp: 209943

Ion Ratio Lower Upper

138 100

92 53.6 24.7 64.7

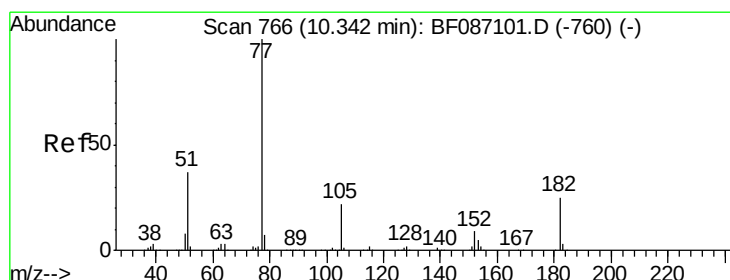
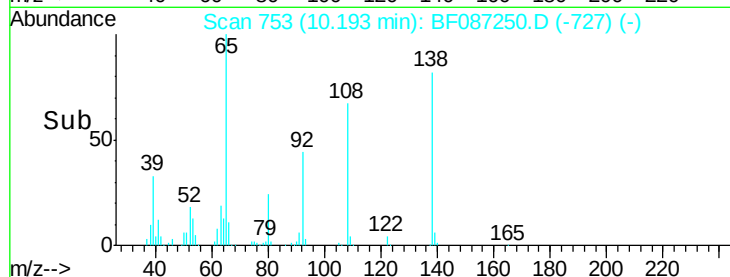
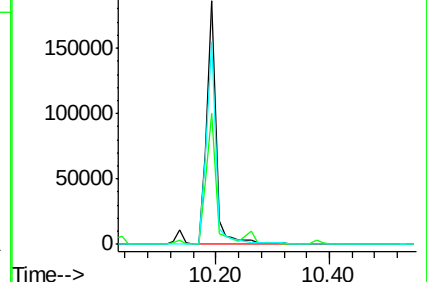
108 83.4 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.21 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Tgt Ion: 77 Resp: 993970

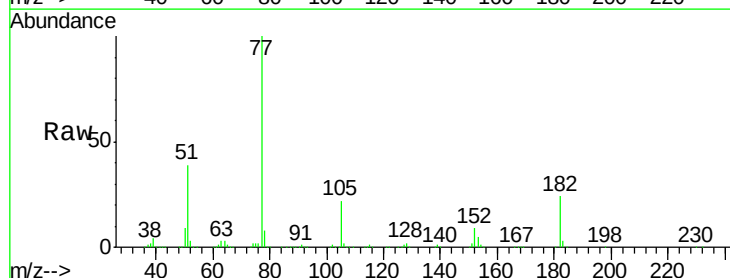
Ion Ratio Lower Upper

77 100

182 23.7 0.0 38.8

105 22.2 3.2 43.2

51 39.2 8.8 48.8

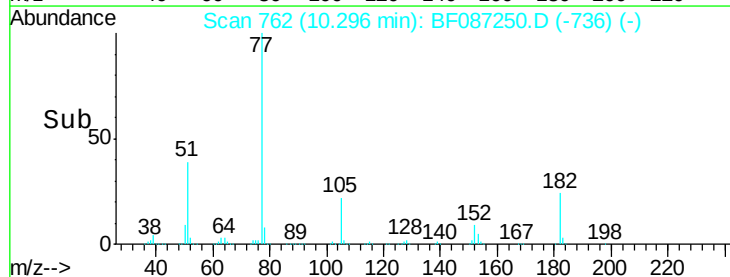
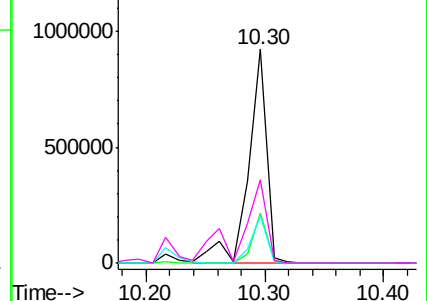


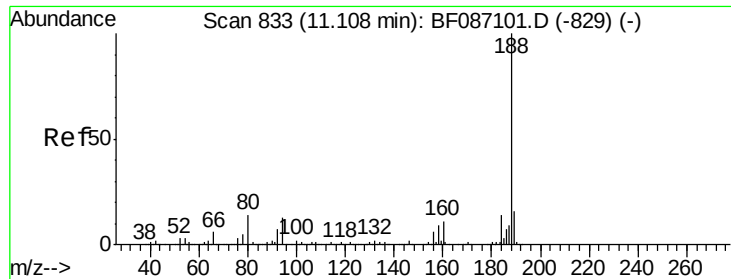
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

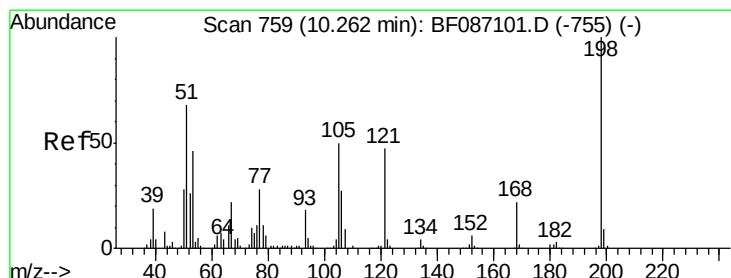
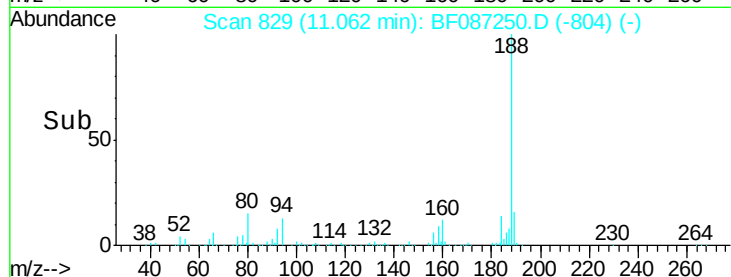
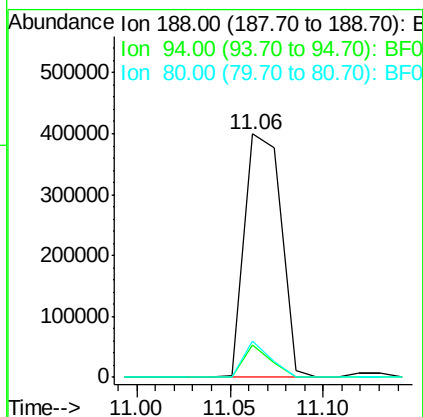
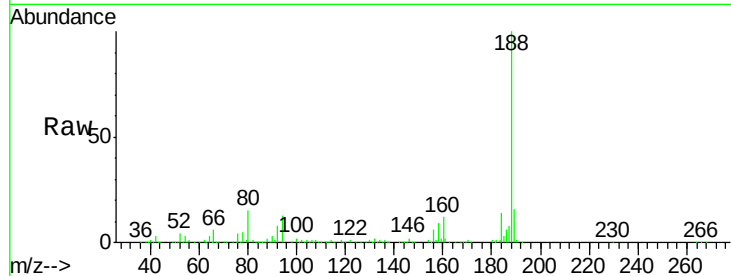




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

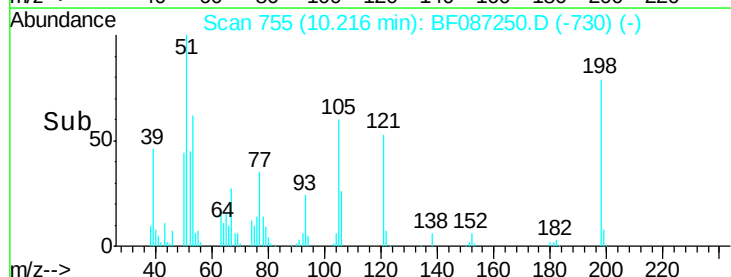
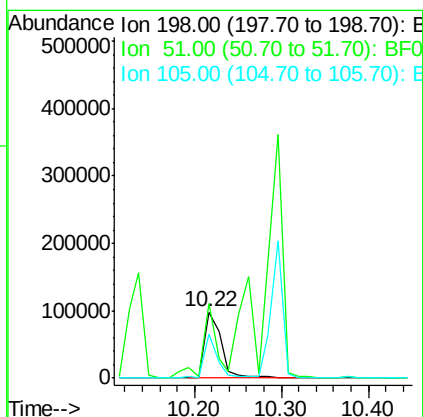
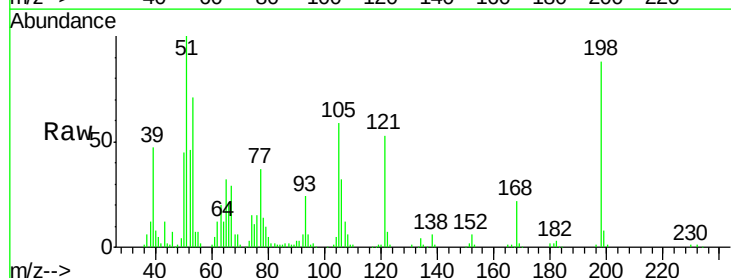
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

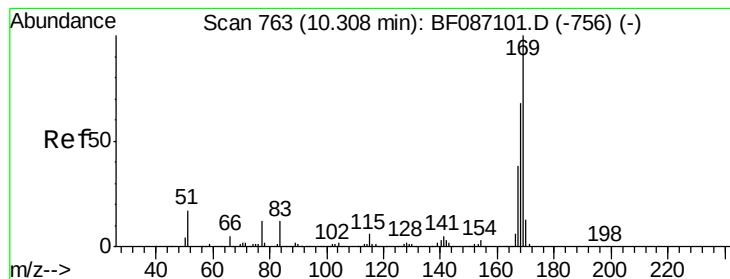
Tot Ion:188 Resp: 543992
Ion Ratio Lower Upper
188 100
94 13.2 6.8 10.2#
80 14.9 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.46 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:198 Resp: 134212
Ion Ratio Lower Upper
198 100
51 113.4 20.5 60.5#
105 67.3 24.5 64.5#





#65

n-Nitrosodiphenylamine

Concen: 40.56 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

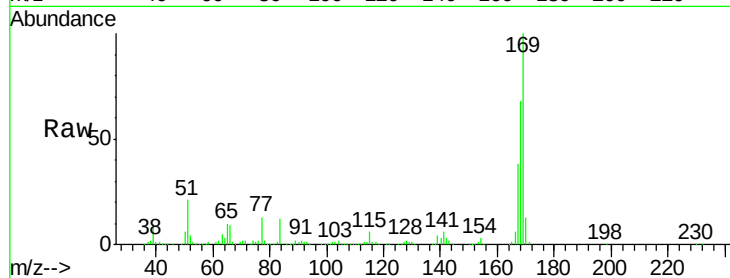
Tot Ion:169 Resp: 694366

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

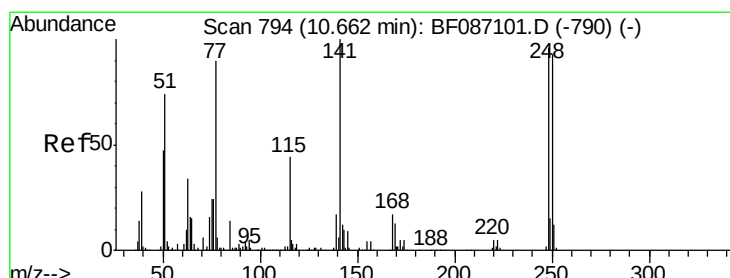
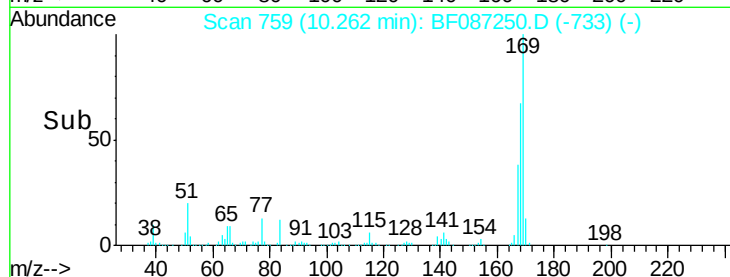
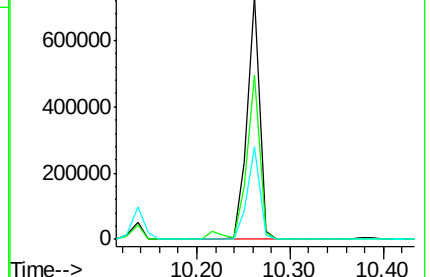
167 37.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.21 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

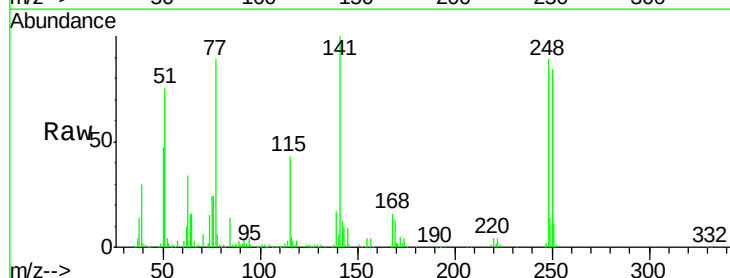
Tgt Ion:248 Resp: 213741

Ion Ratio Lower Upper

248 100

250 94.1 78.6 117.8

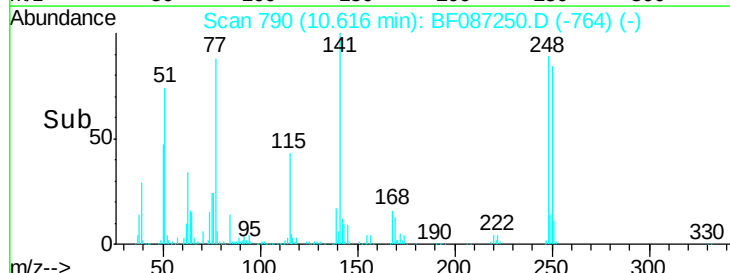
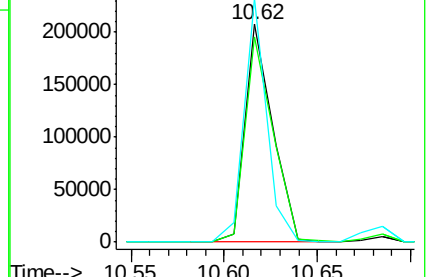
141 111.8 76.0 114.0

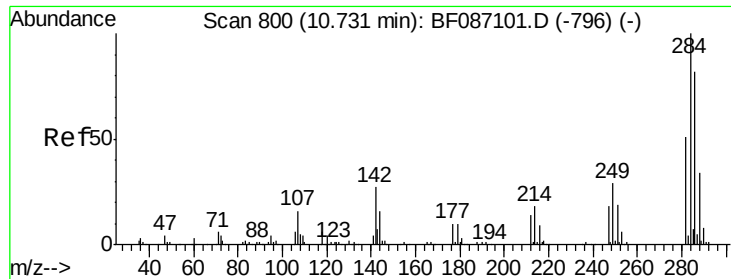


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

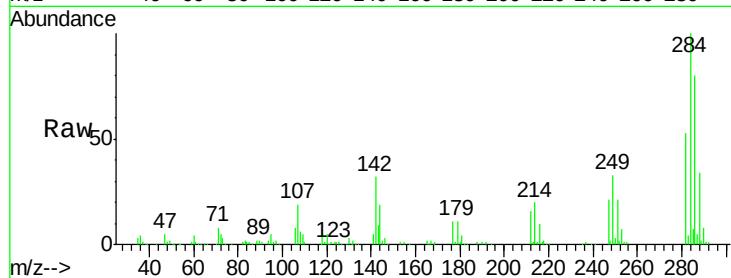




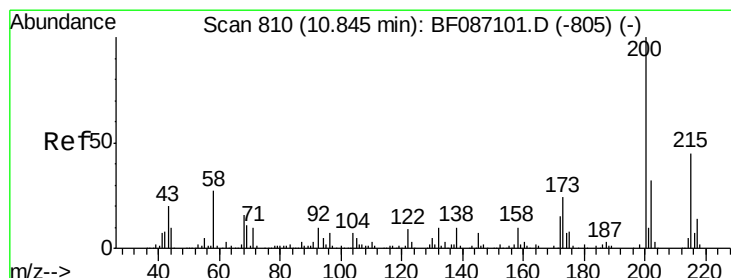
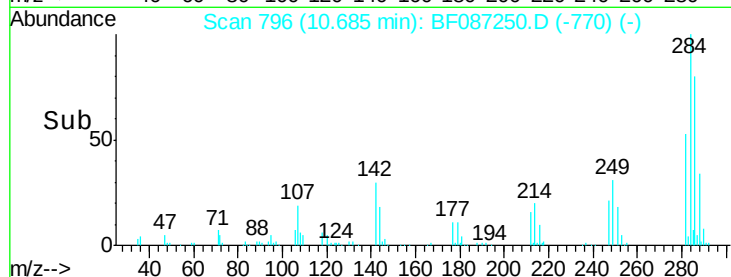
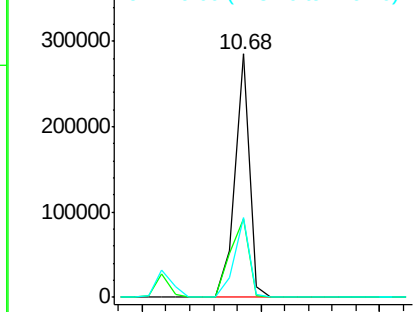
#67
Hexachlorobenzene
Concen: 37.59 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 243795
Ion Ratio Lower Upper
284 100
142 32.3 16.7 25.1#
249 32.6 21.3 31.9#

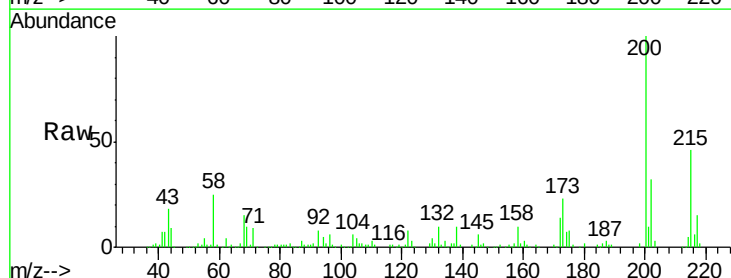


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

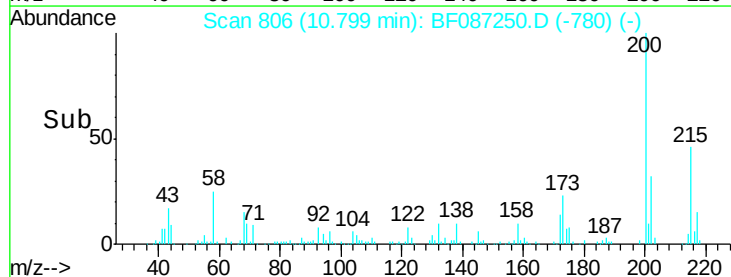
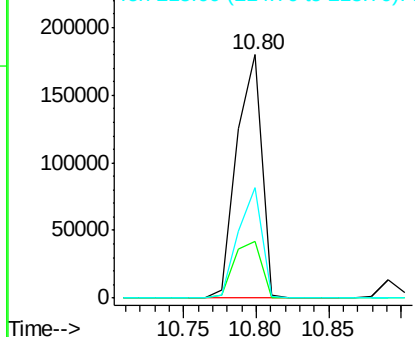


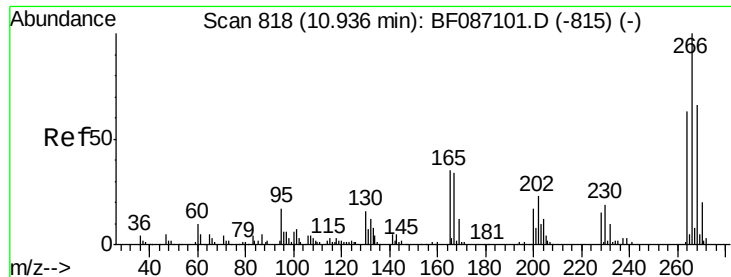
#68
Atrazine
Concen: 38.55 ng
RT: 10.80 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:200 Resp: 215277
Ion Ratio Lower Upper
200 100
173 23.3 8.5 48.5
215 45.5 27.2 67.2



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

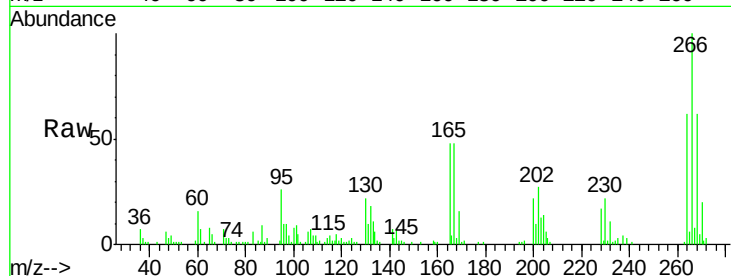




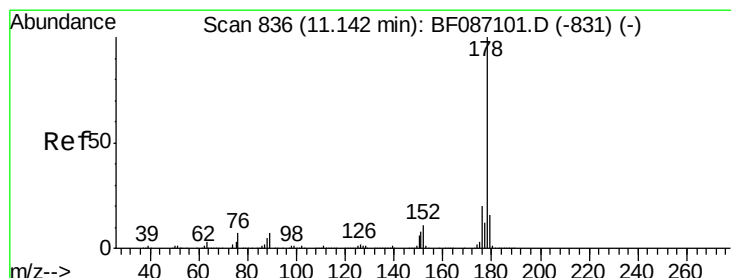
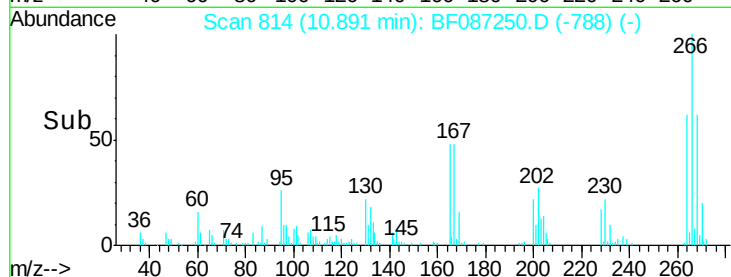
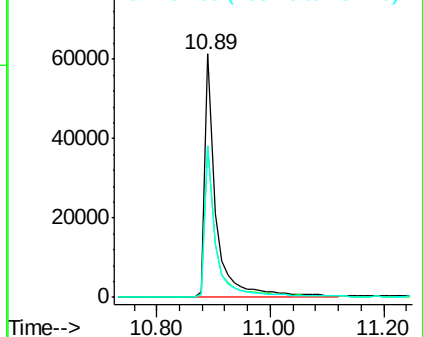
#69
 Pentachlorophenol
 Concen: 33.94 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 82704
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.5 77.3
 264 62.3 52.9 79.3

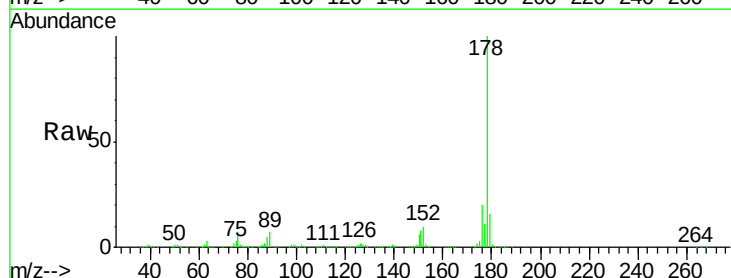


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

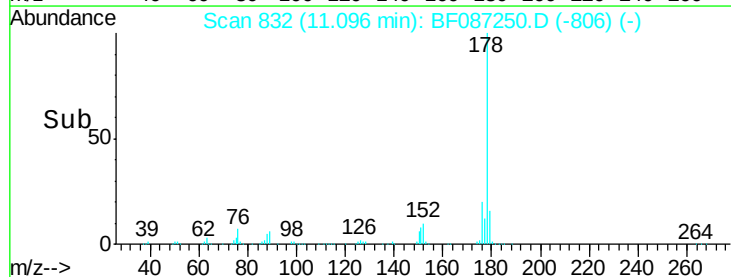
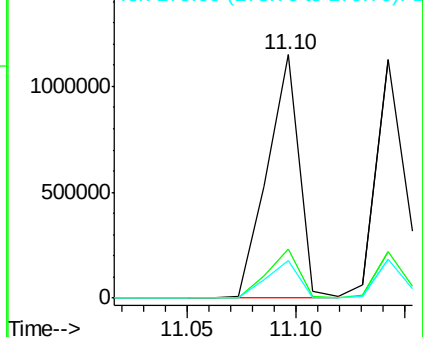


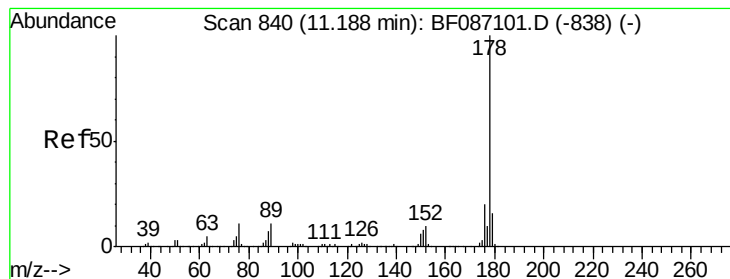
#70
 Phenanthrene
 Concen: 40.05 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion:178 Resp: 1181512
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.83 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

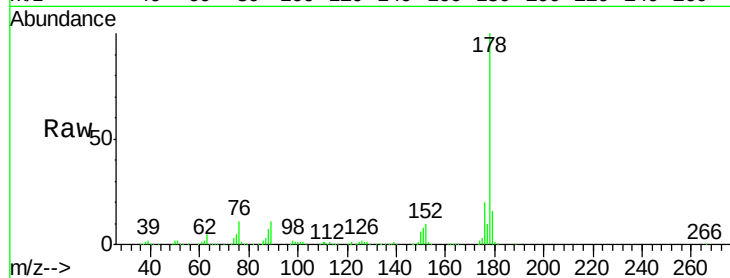
Tot Ion:178 Resp: 1069161

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

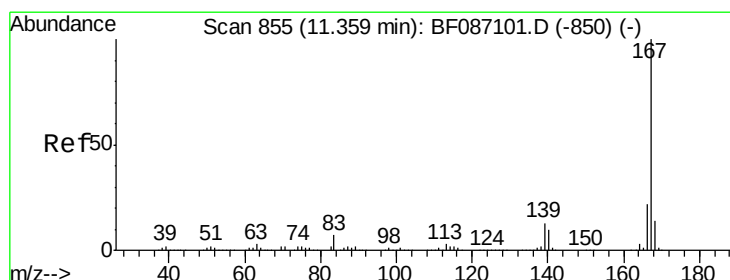
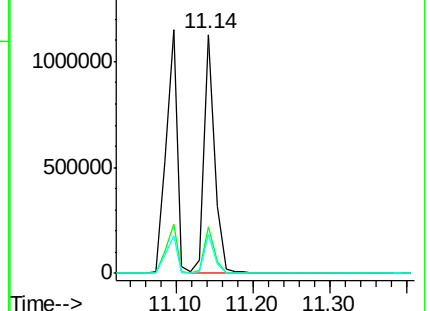
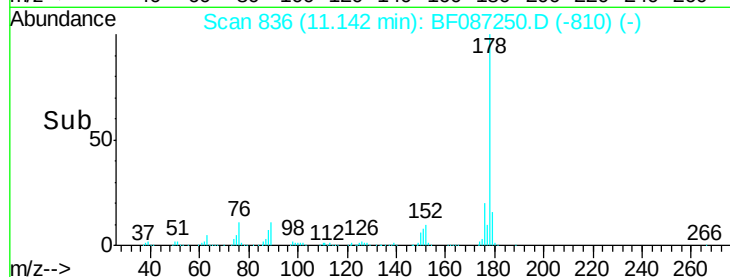
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.75 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

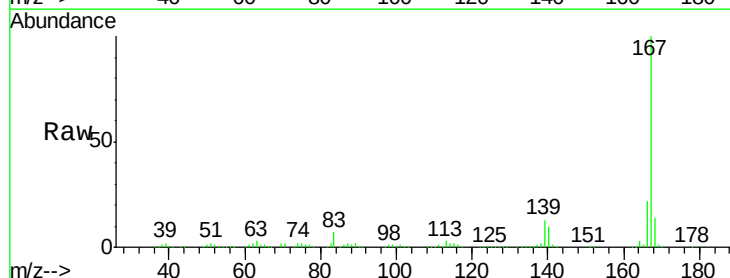
Tgt Ion:167 Resp: 1056389

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

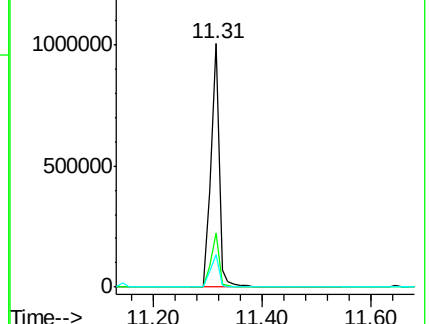
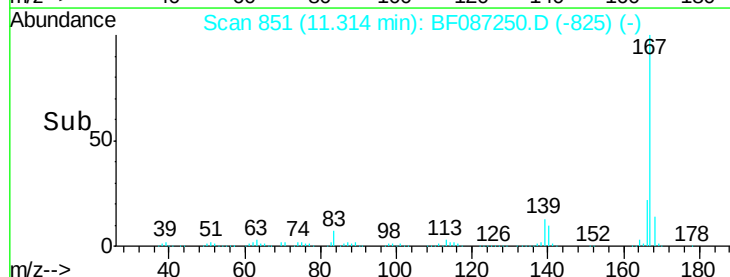
139 13.4 10.8 16.2

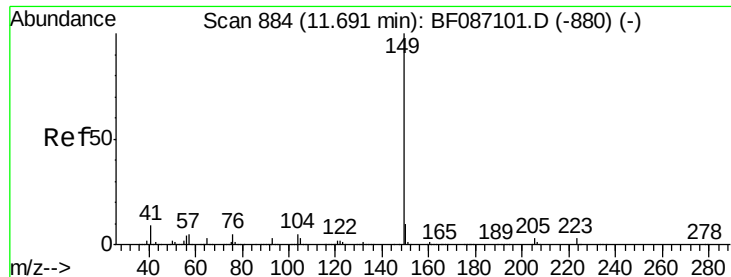


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.81 ng

RT: 11.65 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

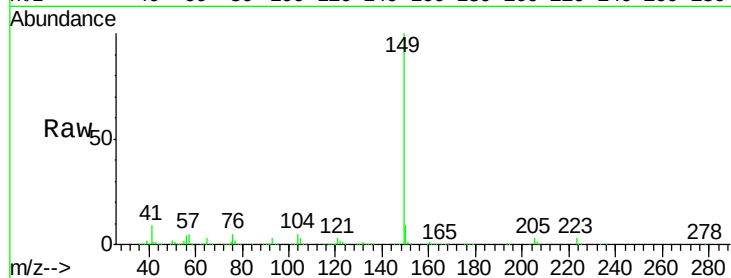
Tot Ion:149 Resp: 1371835

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

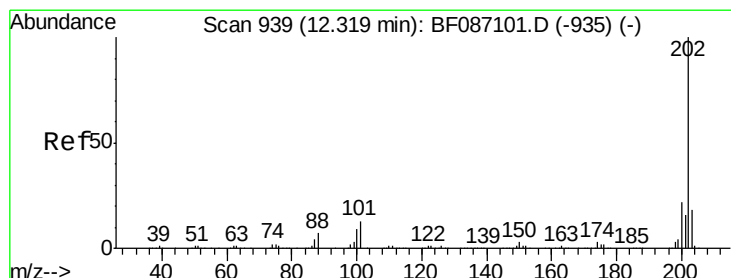
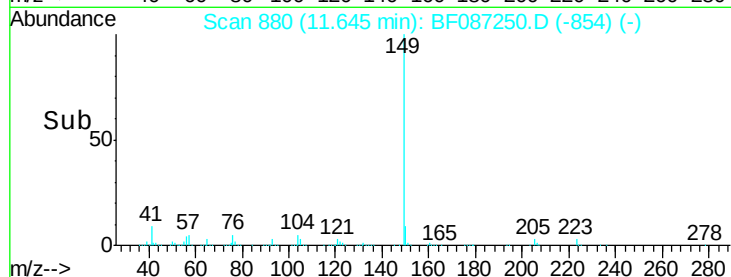
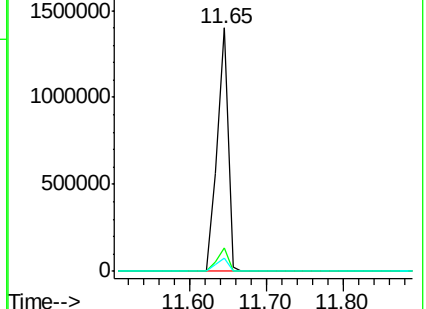
104 5.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.22 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

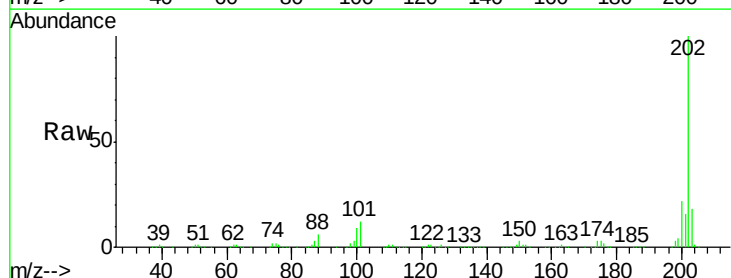
Tgt Ion:202 Resp: 1129878

Ion Ratio Lower Upper

202 100

101 11.6 0.0 35.4

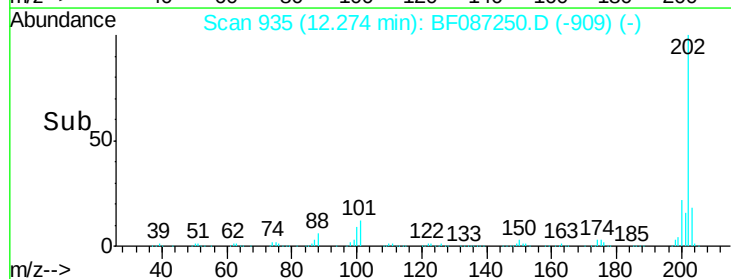
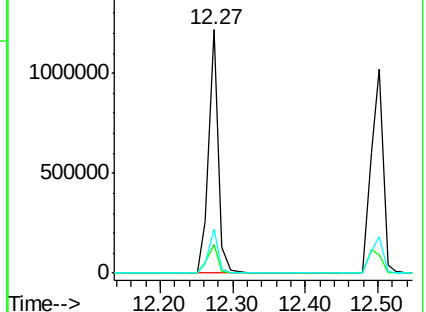
203 17.9 0.0 38.1

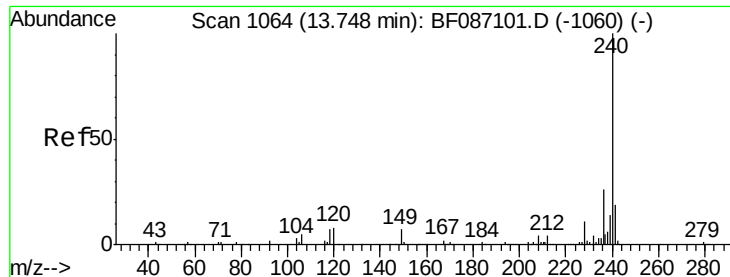


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

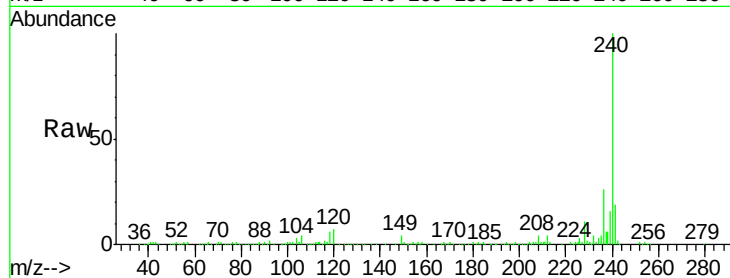
Tot Ion:240 Resp: 349530

Ion Ratio Lower Upper

240 100

120 6.6 11.2 16.8#

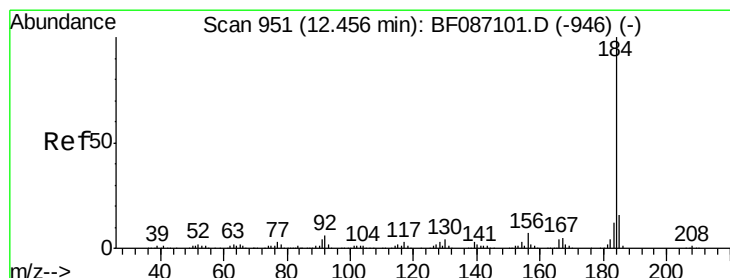
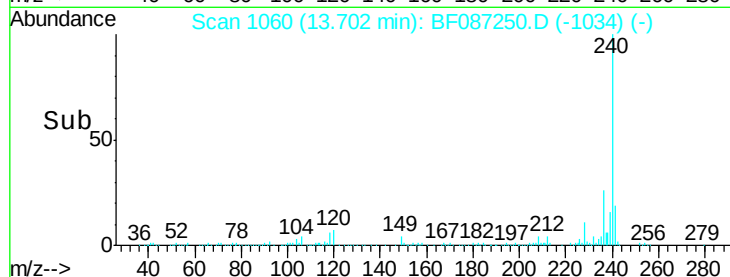
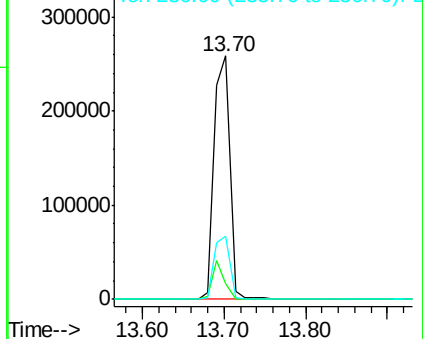
236 25.7 21.2 31.8



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: 39.58 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

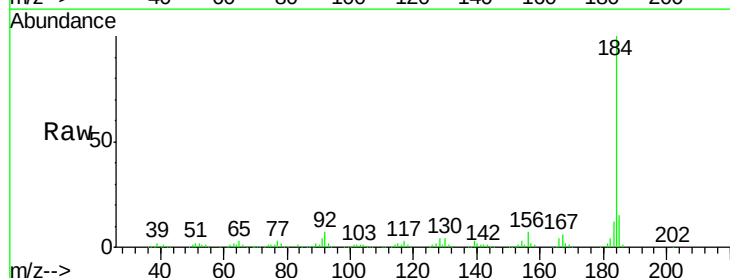
Tgt Ion:184 Resp: 391115

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

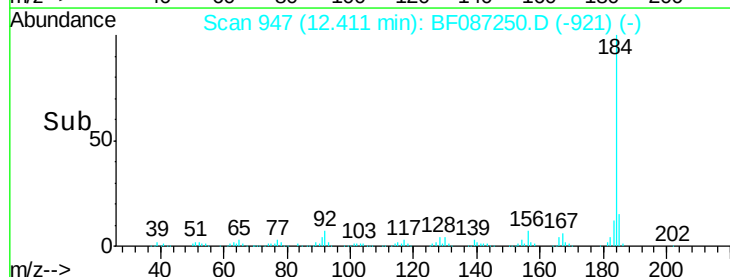
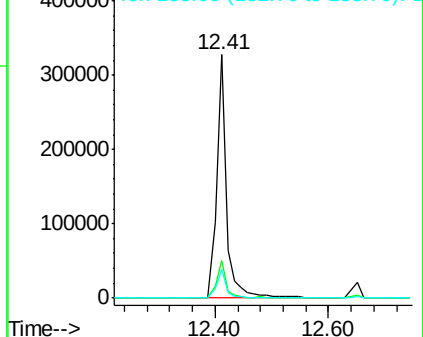
183 11.7 9.8 14.6

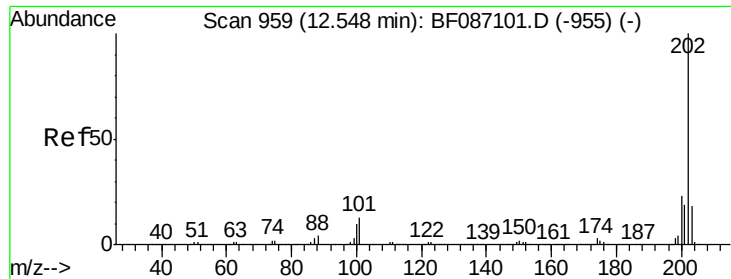


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

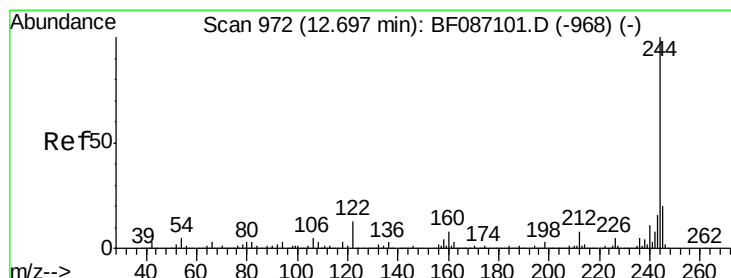
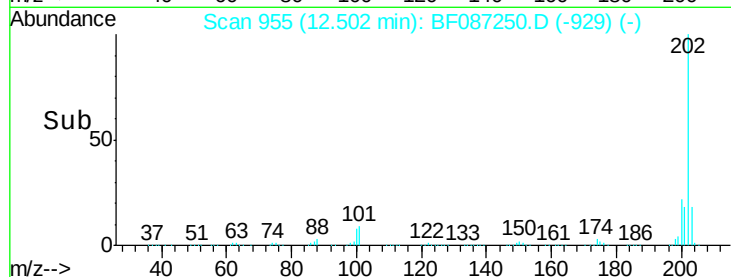
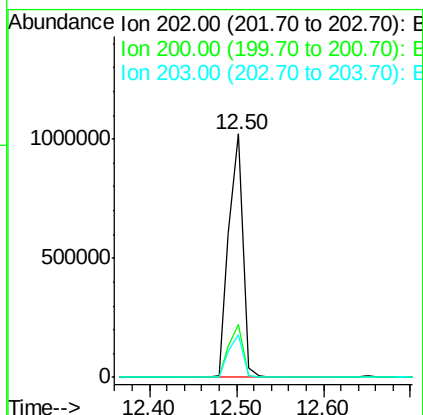
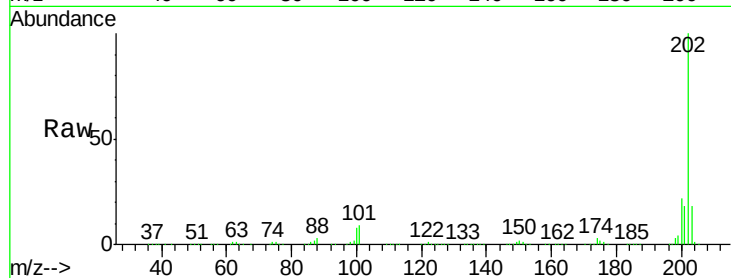




#77
Pvrene
Concen: 45.78 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

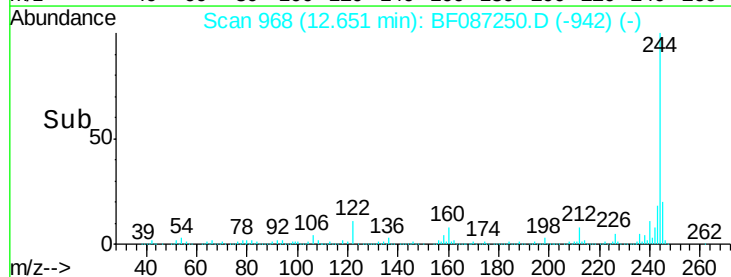
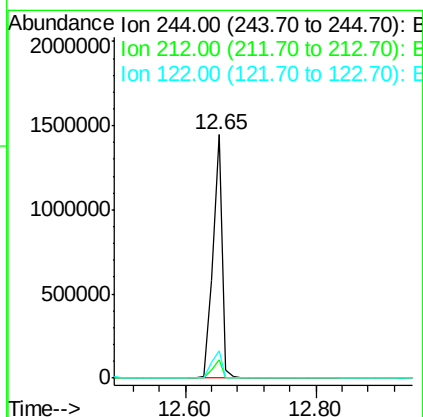
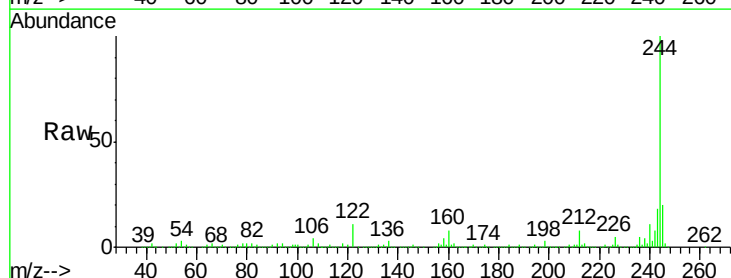
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

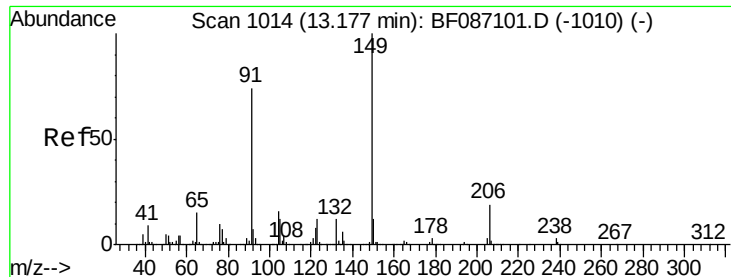
Tot Ion:202 Resp: 1156063
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.6 14.2 21.4



#78
Terphenyl-d14
Concen: 93.67 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:244 Resp: 1447296
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 11.2 12.0 18.0#

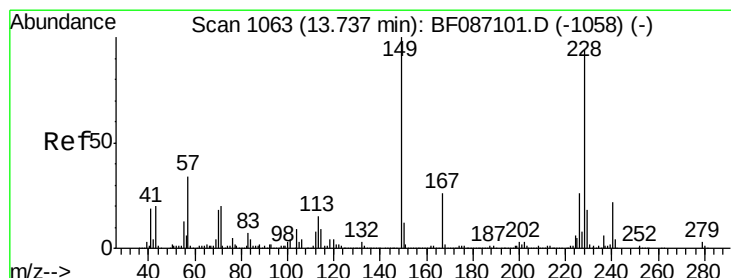
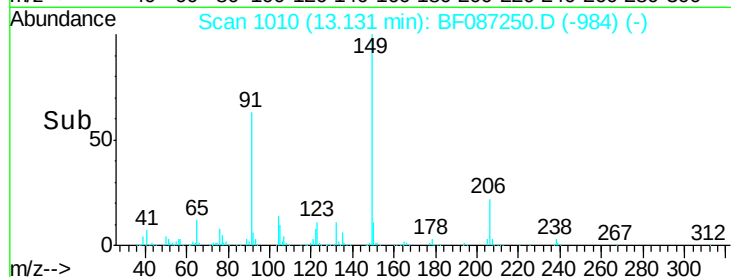
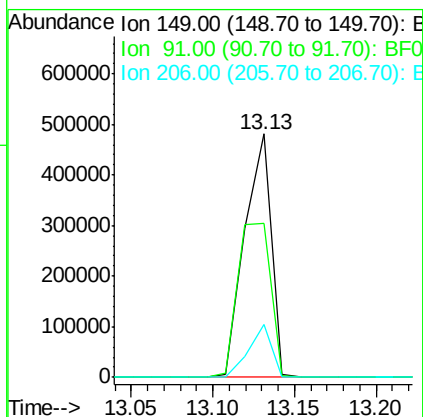
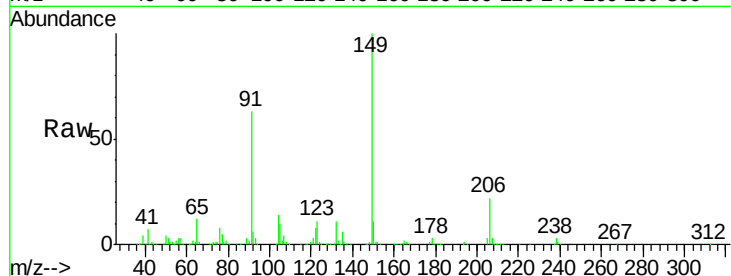




#79
Butylbenzylphthalate
Concen: 50.72 ng
RT: 13.13 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

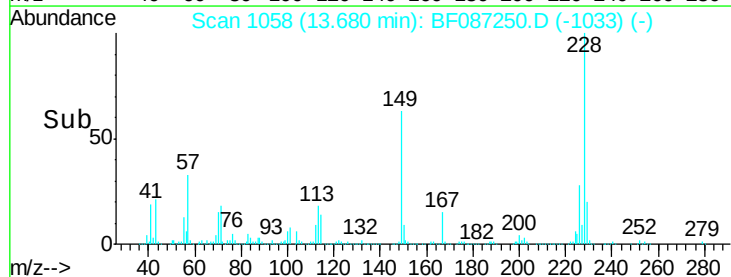
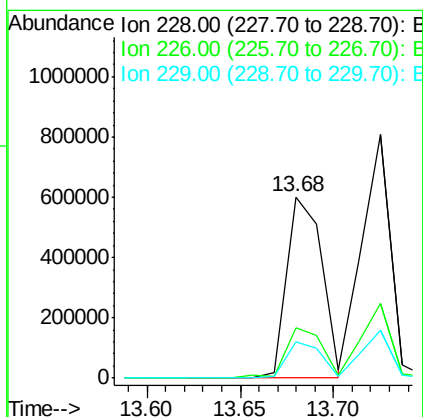
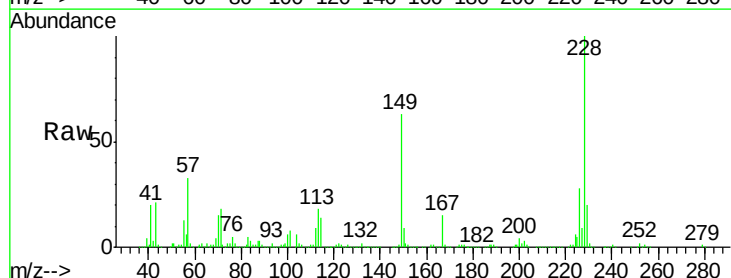
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

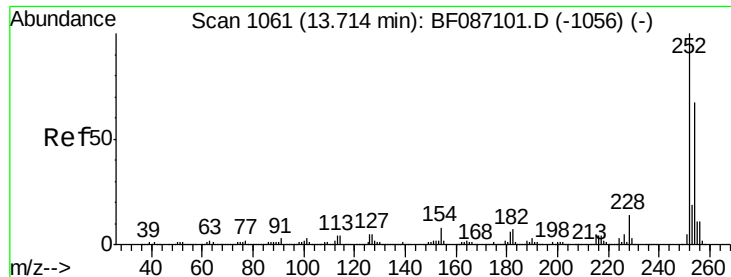
Tot Ion:149 Resp: 540700
Ion Ratio Lower Upper
149 100
91 63.2 48.0 72.0
206 21.5 15.8 23.6



#80
Benzo(a)anthracene
Concen: 39.40 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:228 Resp: 796351
Ion Ratio Lower Upper
228 100
226 27.8 22.5 33.7
229 20.2 16.6 25.0

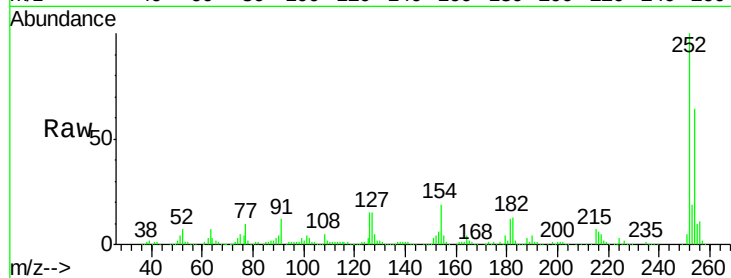




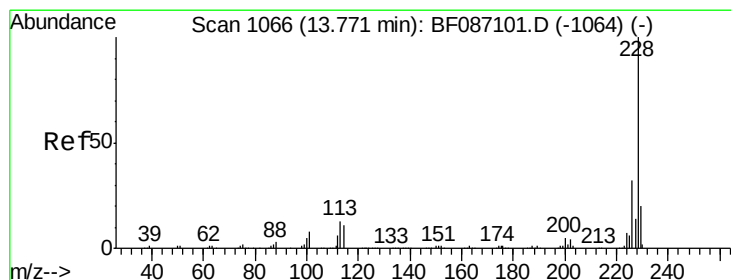
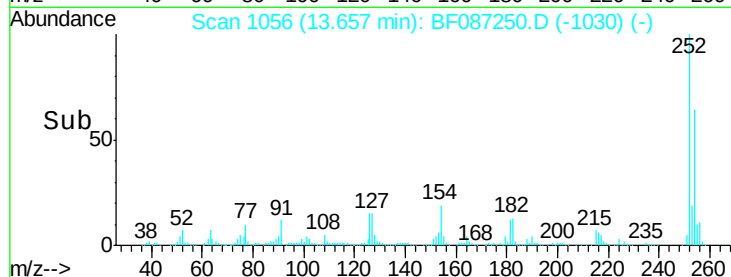
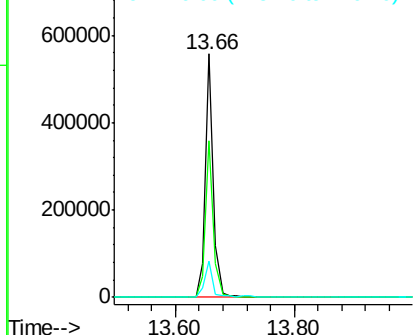
#81
 3,3'-Dichlorobenzidine
 Concen: 41.90 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 538779
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 14.8 12.7 19.1

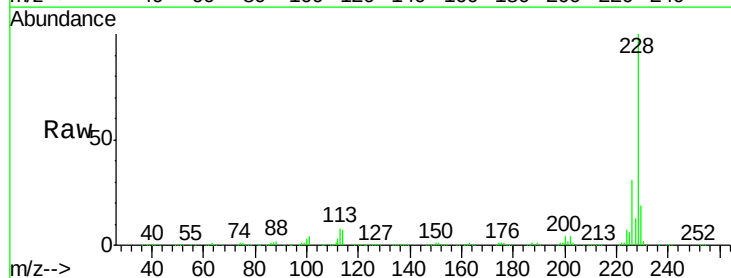


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

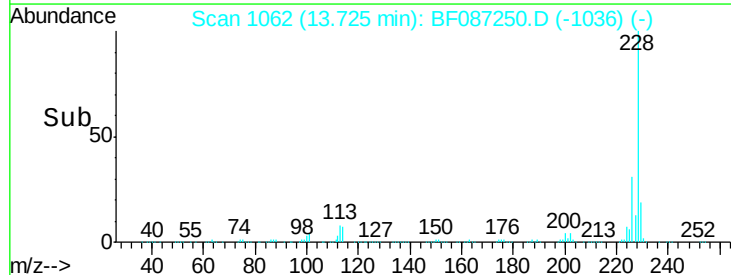
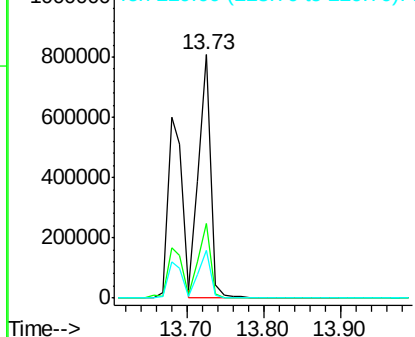


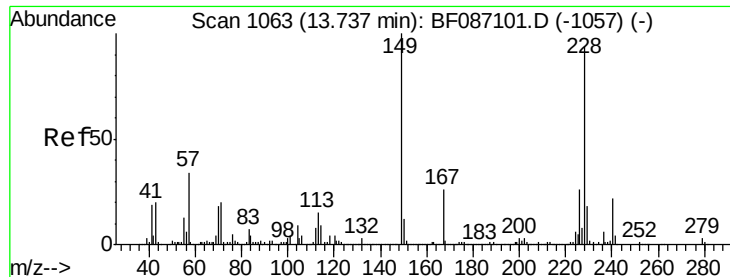
#82
 Chrysene
 Concen: 44.38 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion:228 Resp: 867730
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 19.5 15.8 23.8



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: 51.66 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

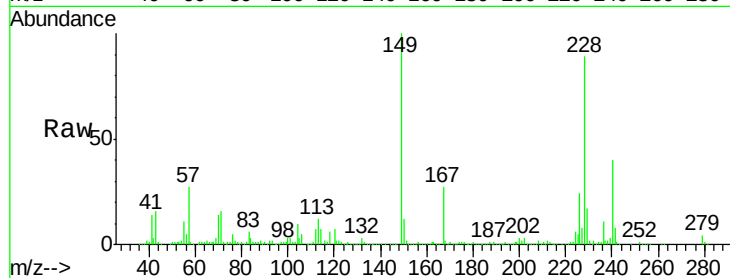
Tot Ion:149 Resp: 670220

Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

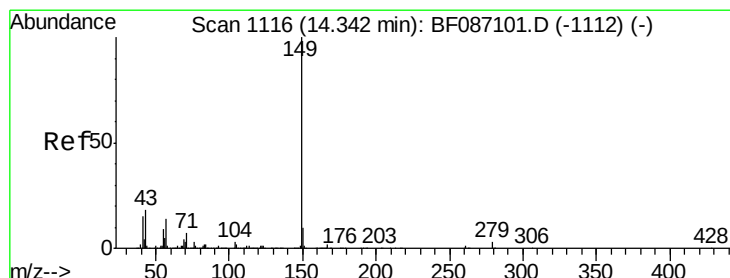
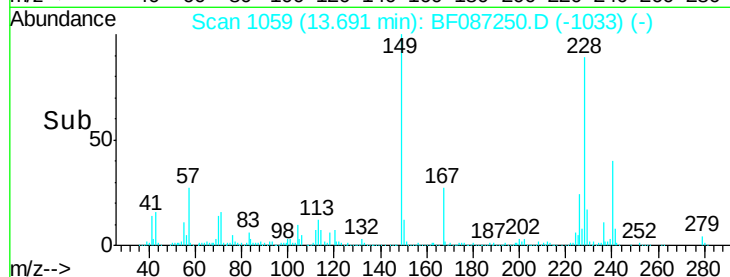
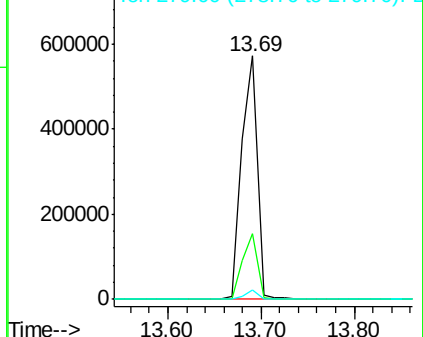
279 4.1 2.6 4.0#



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: 47.17 ng

RT: 14.30 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

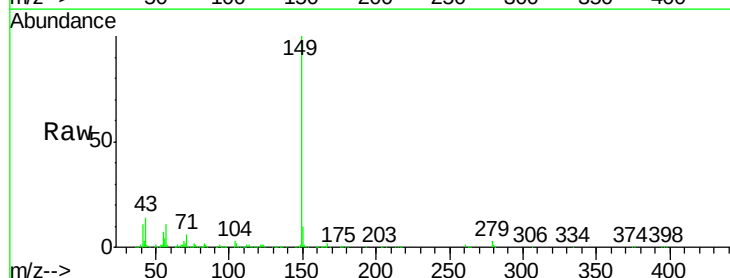
Tgt Ion:149 Resp: 1054150

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

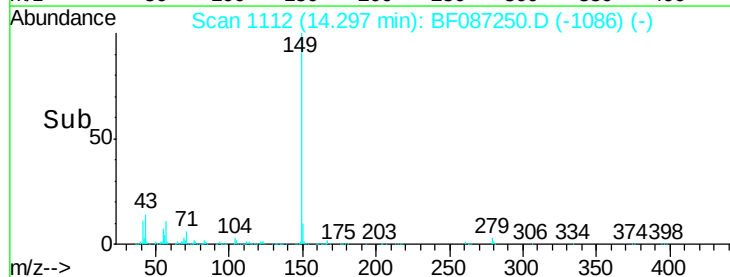
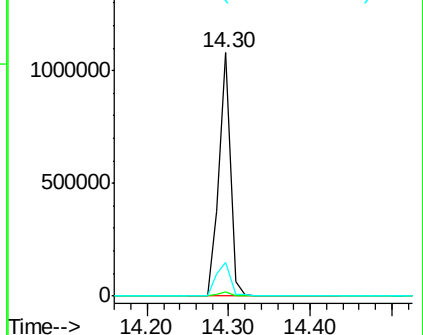
43 17.0 8.2 12.4#

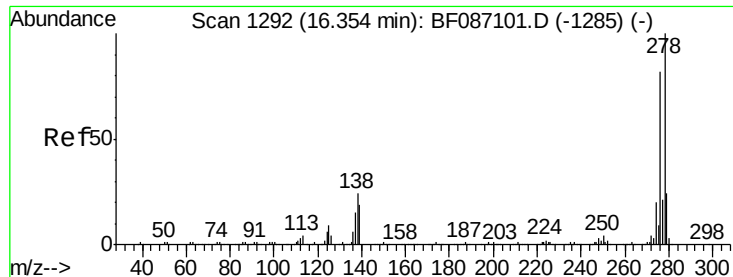


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

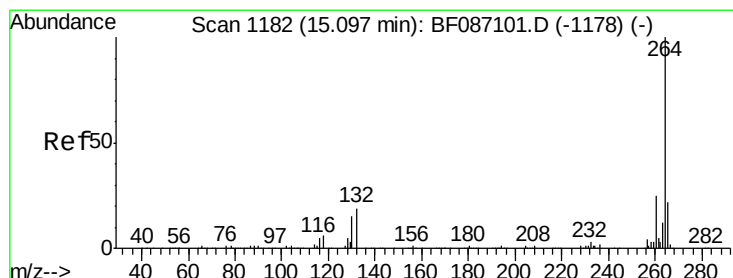
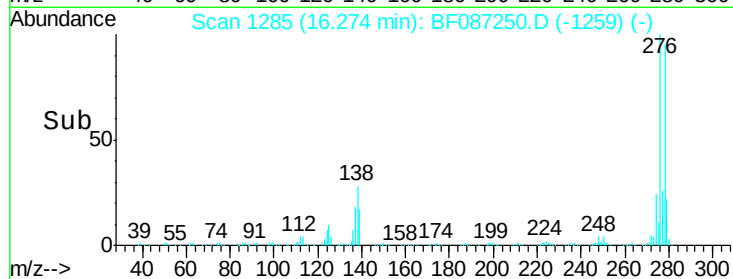
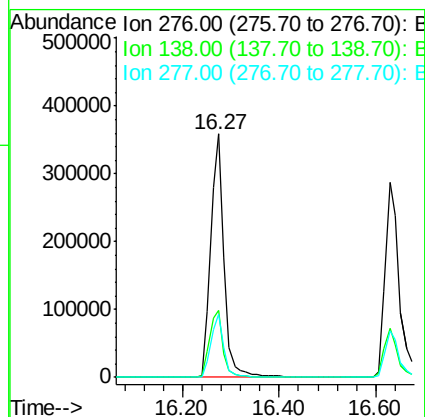
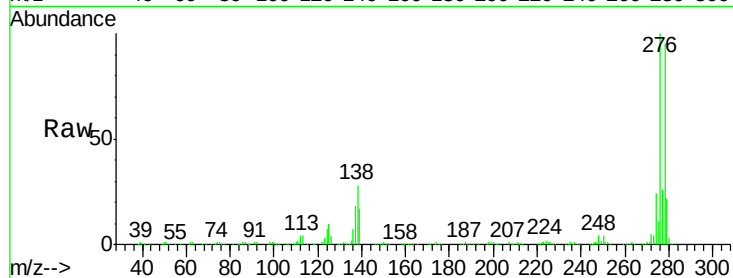




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.73 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

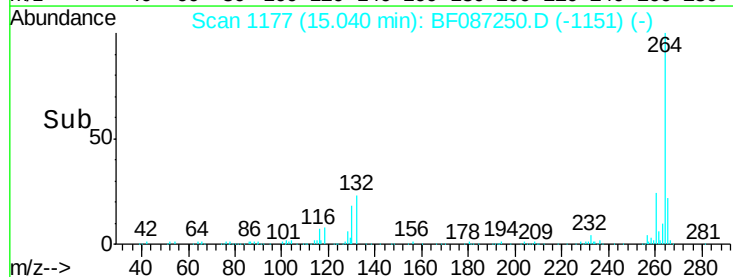
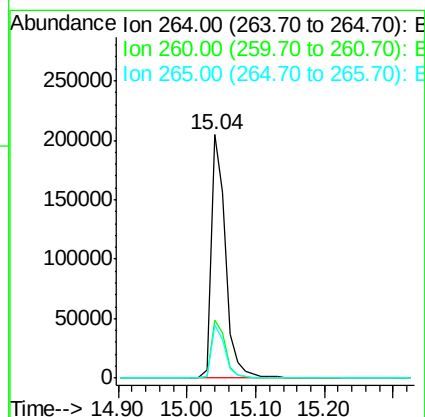
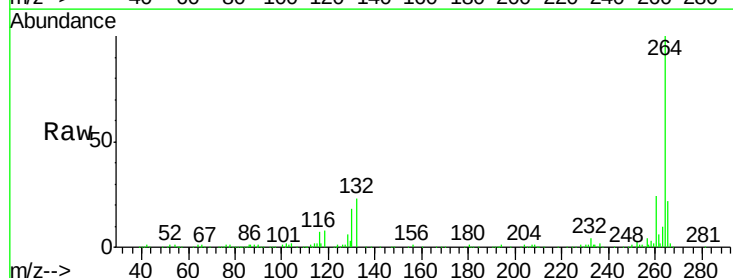
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

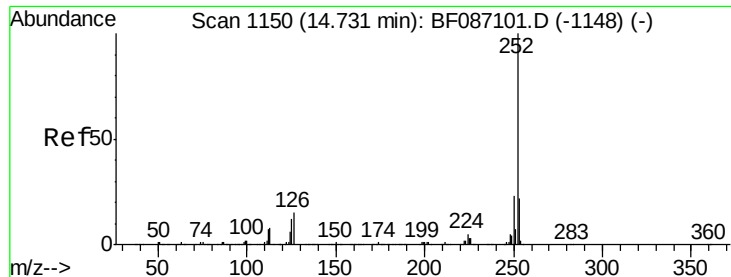
Tot Ion:276 Resp: 699060
 Ion Ratio Lower Upper
 276 100
 138 28.1 25.6 38.4
 277 25.3 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF087250.D
 Acq: 21 May 2016 3:46

Tgt Ion:264 Resp: 297831
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.6 17.3 25.9

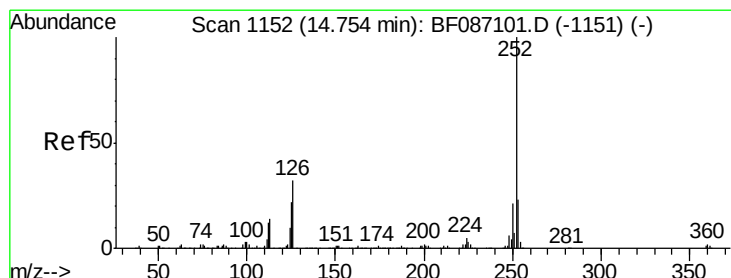
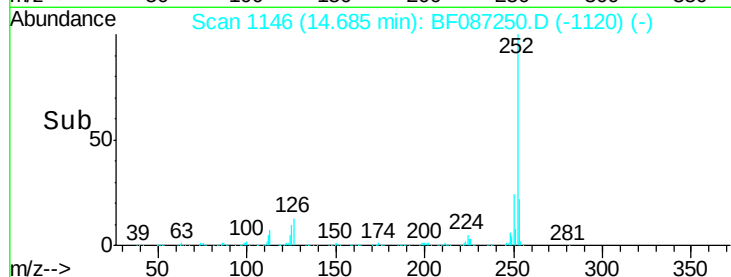
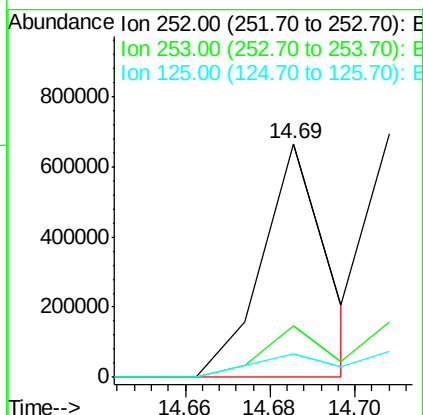
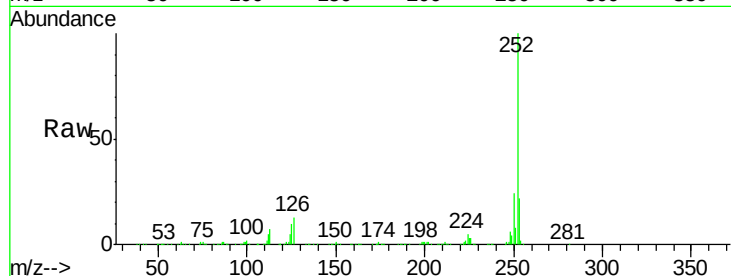




#87
Benzo(b)fluoranthene
Concen: 35.67 ng m
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

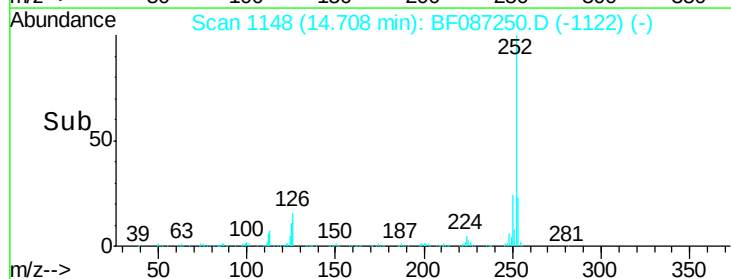
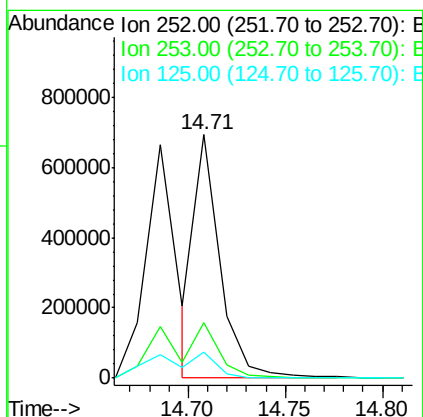
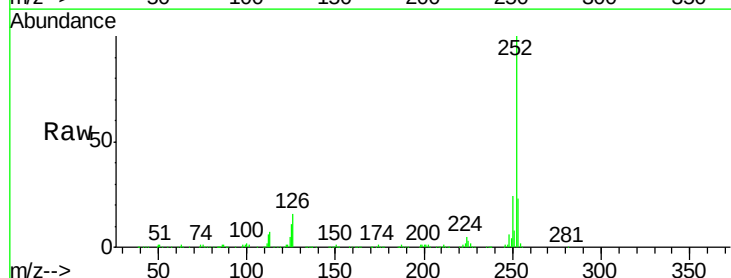
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

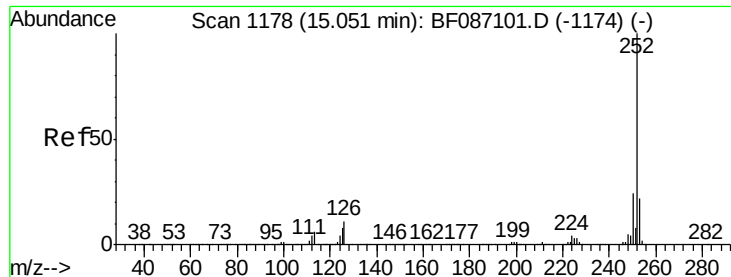
Tot Ion:252 Resp: 704747
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.0 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 43.58 ng m
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion:252 Resp: 641067
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.8 9.1 13.7

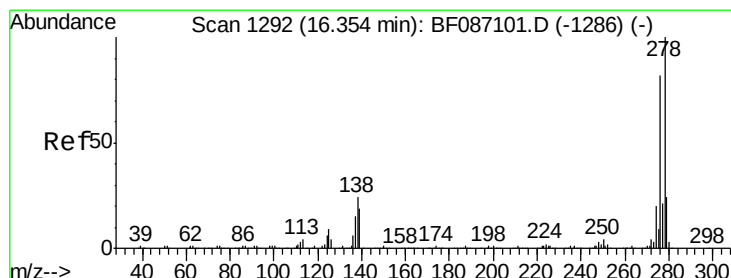
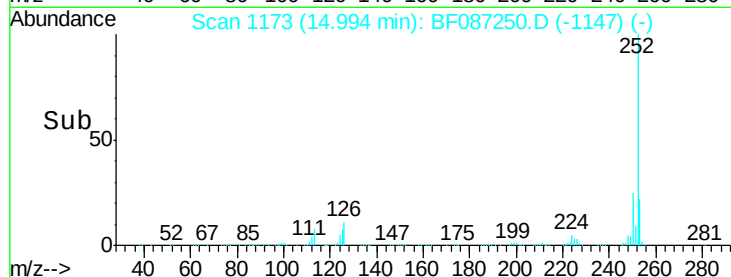
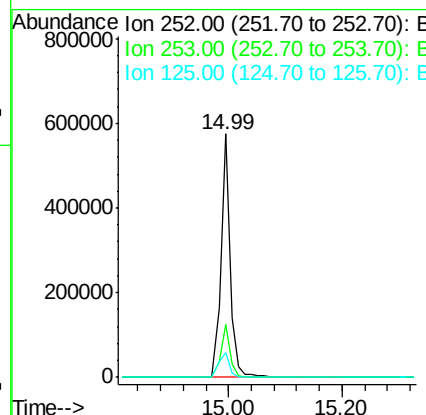
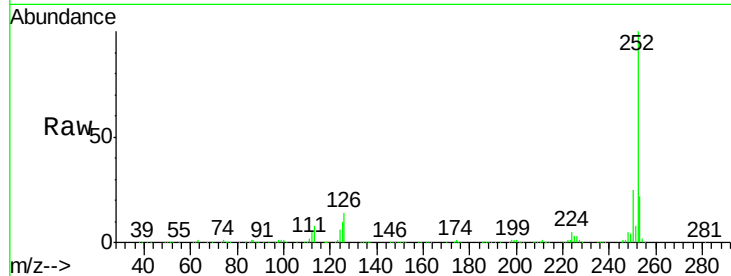




#89
Benzo(a)pyrene
Concen: 38.70 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

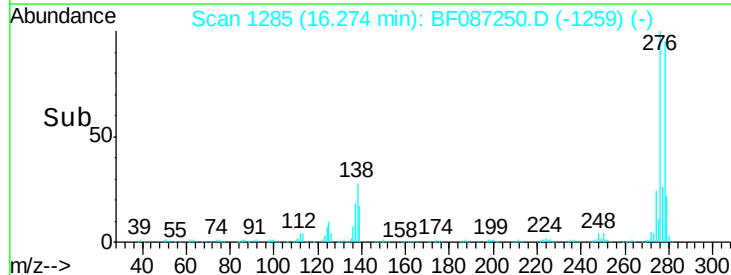
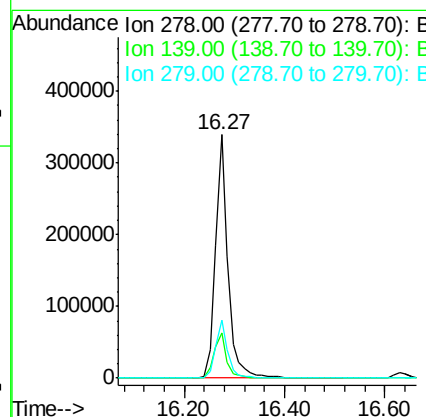
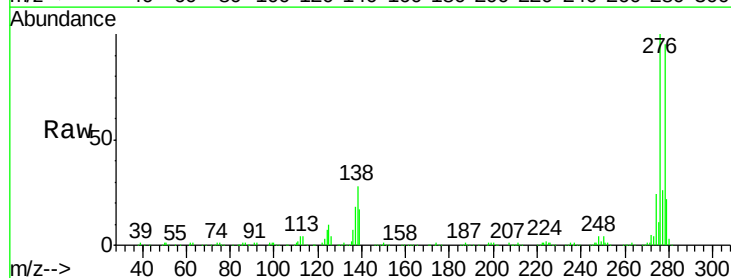
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

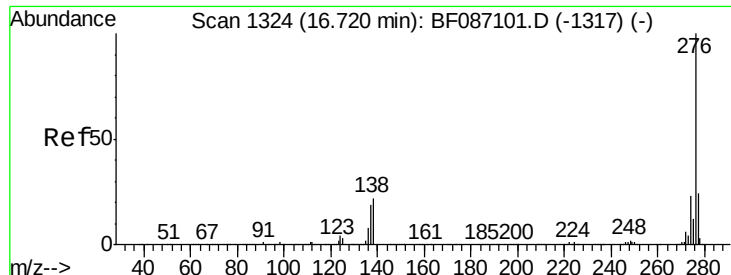
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.4	9.0	13.6



#90
Dibenzo(a,h)anthracene
Concen: 41.89 ng
RT: 16.27 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF087250.D
Acq: 21 May 2016 3:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	16.6	24.8
279	23.7	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 42.73 ng

RT: 16.63 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF087250.D

Acq: 21 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

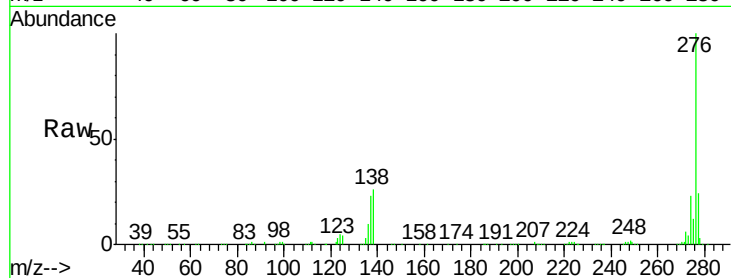
Tot Ion: 276 Resp: 600061

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 25.5 23.6 35.4



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

