

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087305.D
 Acq On : 23 May 2016 17:42
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: May 24 01:04:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 00:59:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	190053	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	776202	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	352903	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	648447	20.00	ng	0.00
75) Chrysene-d12	18.56	240	483787	20.00	ng	0.00
86) Perylene-d12	20.23	264	397106	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	914239	80.63	ng	0.00
7) Phenol-d6	7.16	99	1170431	77.71	ng	0.00
23) Nitrobenzene-d5	8.54	82	1271832	81.01	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	281438	74.05	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1963178	90.54	ng	0.00
78) Terphenyl-d14	17.22	244	1852056	84.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	223818	38.82	ng	# 75
3) Pyridine	2.55	79	535609	38.86	ng	# 62
4) n-Nitrosodimethylamine	2.54	42	396189	40.30	ng	# 48
6) Aniline	7.12	93	786695	40.77	ng	94
8) 2-Chlorophenol	7.30	128	543830	39.68	ng	97
9) Benzaldehyde	6.94	77	295910	34.57	ng	98
10) Phenol	7.19	94	587680	32.09	ng	92
11) bis(2-Chloroethyl)ether	7.26	93	510011	35.66	ng	85
12) 1,3-Dichlorobenzene	7.52	146	581900	39.97	ng	96
13) 1,4-Dichlorobenzene	7.64	146	597157	39.96	ng	95
14) 1,2-Dichlorobenzene	7.87	146	544665	40.92	ng	97
15) Benzyl Alcohol	7.91	79	455004	40.55	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1136113	38.54	ng	89
17) 2-Methylphenol	8.12	107	429829	38.39	ng	# 89
18) Hexachloroethane	8.40	117	224034	39.41	ng	# 87
19) n-Nitroso-di-n-propylamine	8.34	70	429503	37.90	ng	# 71
20) 3+4-Methylphenols	8.38	107	549675	37.52	ng	# 59
22) Acetophenone	8.31	105	747963	39.57	ng	# 98
24) Nitrobenzene	8.57	77	677164	40.15	ng	96
25) Isophorone	8.96	82	1112157	39.09	ng	98
26) 2-Nitrophenol	9.07	139	284891	40.26	ng	# 90
27) 2,4-Dimethylphenol	9.21	122	470671	39.14	ng	89
28) bis(2-Chloroethoxy)methane	9.34	93	615177	39.80	ng	98
29) 2,4-Dichlorophenol	9.47	162	433432	40.61	ng	96
30) 1,2,4-Trichlorobenzene	9.58	180	476730	40.12	ng	98
31) Naphthalene	9.68	128	1518998	39.82	ng	99
32) Benzoic acid	9.55	122	237563	34.26	ng	# 79
33) 4-Chloroaniline	9.82	127	589059	37.91	ng	# 90
34) Hexachlorobutadiene	9.90	225	290194	42.57	ng	98
35) Caprolactam	10.49	113	100093	29.75	ng	# 57
36) 4-Chloro-3-methylphenol	10.68	107	494212	38.68	ng	94
37) 2-Methylnaphthalene	10.81	142	962128	39.40	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	452356	42.82	ng	99
40) Hexachlorocyclopentadiene	11.06	237	164938	50.36	ng	92

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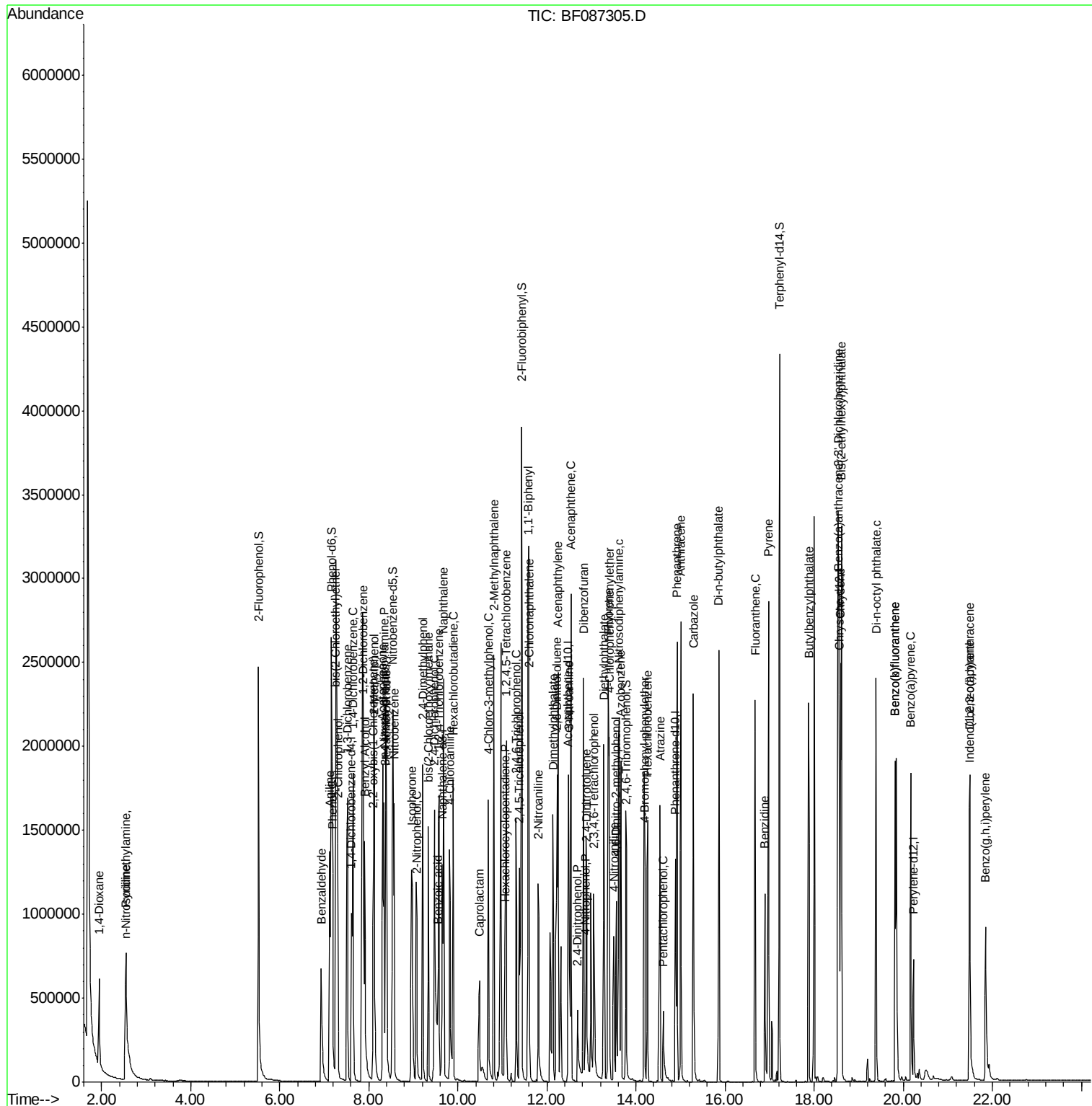
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	273494	40.84	ng	97
43) 2,4,5-Trichlorophenol	11.38	196	271235	39.34	ng #	90
45) 1,1'-Biphenyl	11.58	154	1150952	39.10	ng	96
46) 2-Chloronaphthalene	11.60	162	901361	39.76	ng	97
47) 2-Nitroaniline	11.80	65	340881	39.89	ng #	76
48) Acenaphthylene	12.25	152	1424825	40.84	ng	99
49) Dimethylphthalate	12.14	163	1132199	41.67	ng	100
50) 2,6-Dinitrotoluene	12.23	165	229691	39.84	ng #	87
51) Acenaphthene	12.54	154	849120	39.04	ng	98
52) 3-Nitroaniline	12.49	138	239232	38.32	ng #	81
53) 2,4-Dinitrophenol	12.68	184	114174	40.23	ng #	76
54) Dibenzofuran	12.82	168	1167398	41.26	ng	96
55) 4-Nitrophenol	12.87	139	114442	42.82	ng #	63
56) 2,4-Dinitrotoluene	12.89	165	319935	42.60	ng #	84
57) Fluorene	13.38	166	1026463	44.27	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	217703	40.37	ng	97
59) Diethylphthalate	13.28	149	1077697	42.04	ng	99
60) 4-Chlorophenyl-phenylether	13.41	204	500468	46.62	ng	88
61) 4-Nitroaniline	13.51	138	243131	39.96	ng #	75
62) Azobenzene	13.66	77	1192820	40.40	ng	86
64) 4,6-Dinitro-2-methylphenol	13.55	198	183649	43.03	ng #	73
65) n-Nitrosodiphenylamine	13.62	169	858264	42.04	ng	99
66) 4-Bromophenyl-phenylether	14.19	248	288487	42.26	ng #	85
67) Hexachlorobenzene	14.26	284	301057	39.46	ng #	82
68) Atrazine	14.54	200	272895	41.08	ng	94
69) Pentachlorophenol	14.62	266	90617	33.02	ng	98
70) Phenanthrene	14.93	178	1423922	40.64	ng	100
71) Anthracene	15.01	178	1438976	39.73	ng	100
72) Carbazole	15.29	167	1250653	38.89	ng	99
73) Di-n-butylphthalate	15.86	149	1684532	44.72	ng	99
74) Fluoranthene	16.67	202	1473053	41.39	ng	92
76) Benzidine	16.89	184	548877	43.08	ng	99
77) Pyrene	16.97	202	1401580	40.20	ng	99
79) Butylbenzylphthalate	17.87	149	664426	44.87	ng #	67
80) Benzo(a)anthracene	18.55	228	1113389	39.53	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	594178	34.02	ng	99
82) Chrysene	18.59	228	1068447	39.46	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	925880	49.65	ng #	96
84) Di-n-octyl phthalate	19.39	149	1487189	46.51	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.49	276	893596	37.89	ng	95
87) Benzo(b)fluoranthene	19.82	252	1090433	40.20	ng	97
88) Benzo(k)fluoranthene	19.82	252	1090433	57.46	ng	100
89) Benzo(a)pyrene	20.17	252	852815	38.91	ng	99
90) Dibenzo(a,h)anthracene	21.50	278	756166	40.68	ng #	95
91) Benzo(g,h,i)perylene	21.85	276	746606	40.04	ng	94

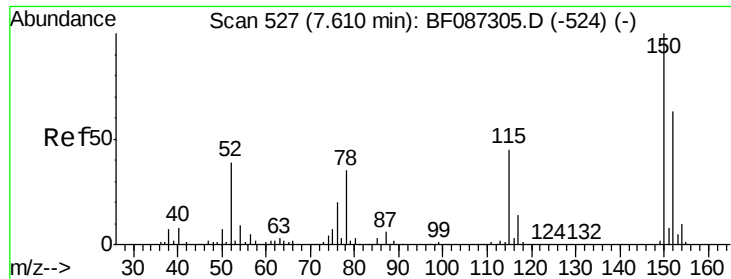
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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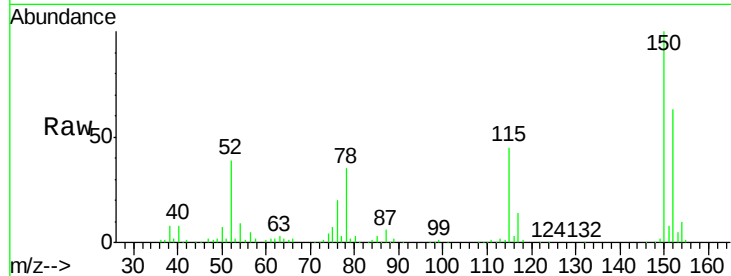


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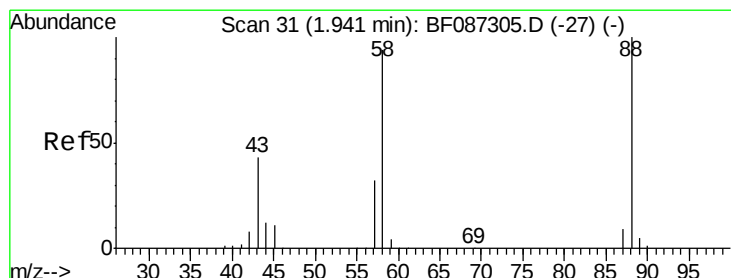
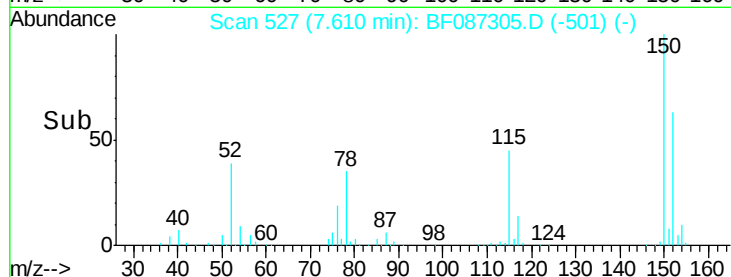
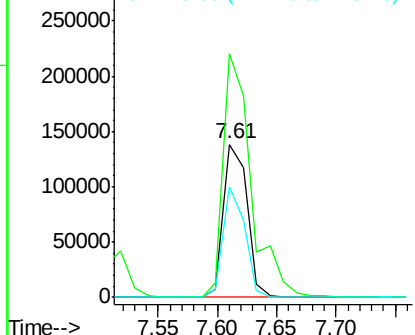
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 152 Resp: 190053
Ion Ratio Lower Upper
152 100
150 159.4 125.8 188.6
115 72.4 51.5 77.3



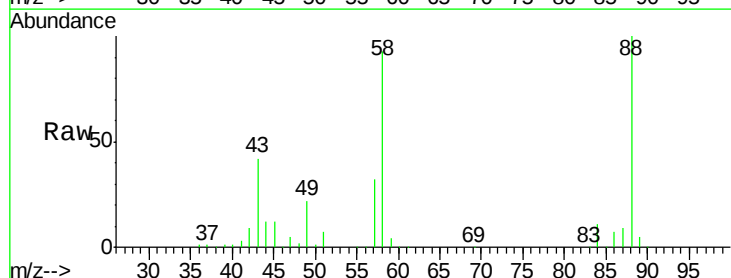
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



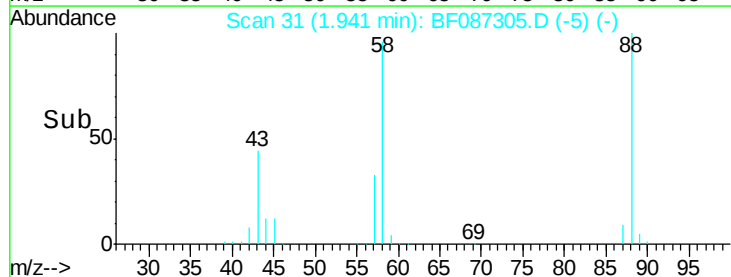
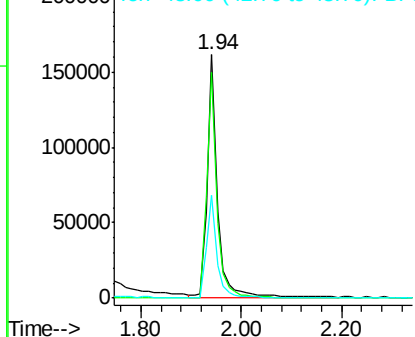
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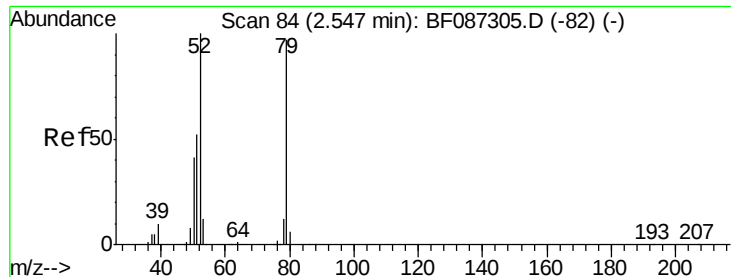
1,4-Dioxane
Concen: 38.82 ng
RT: 1.94 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion: 88 Resp: 223818
Ion Ratio Lower Upper
88 100
58 93.3 59.6 89.4#
43 44.0 21.8 32.6#



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

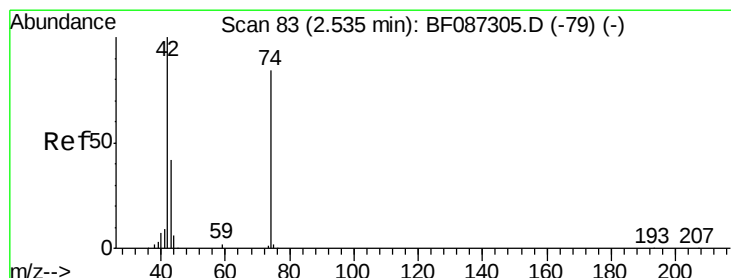
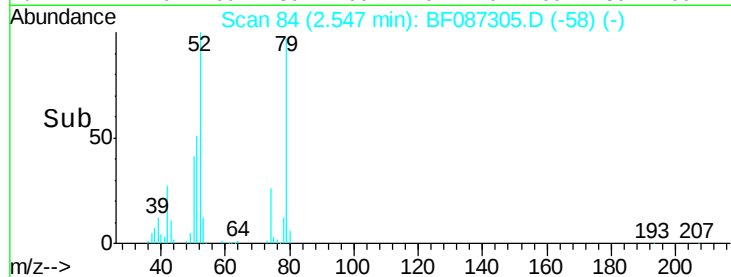
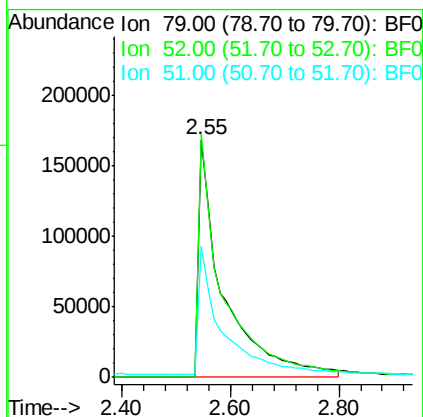
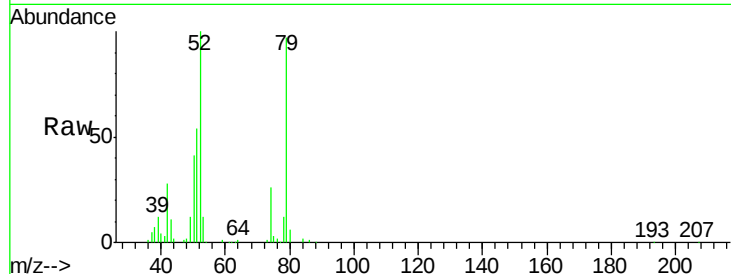




#3
 Pyridine
 Concen: 38.86 ng
 RT: 2.55 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

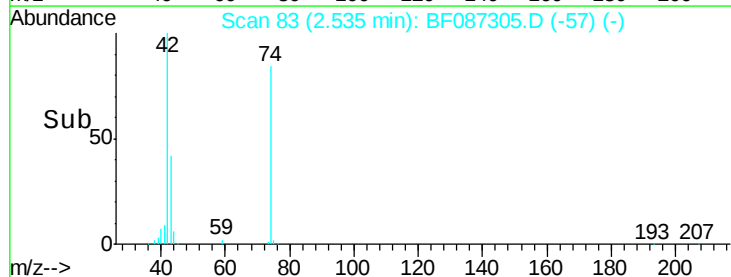
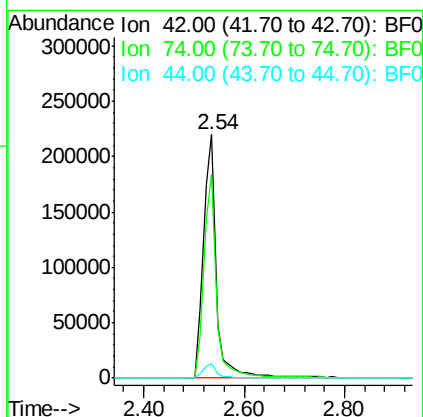
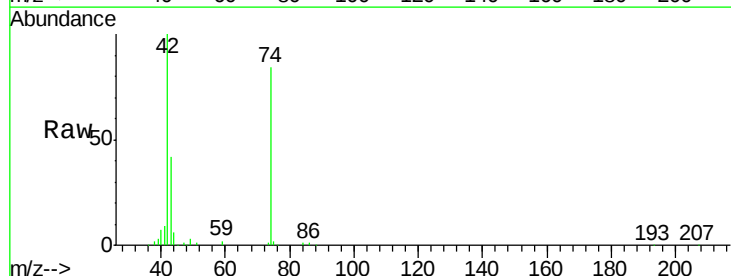
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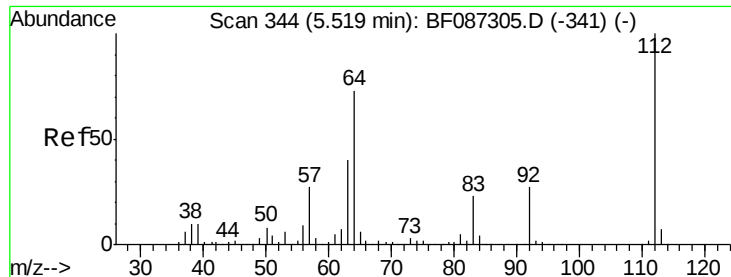
Tgt Ion: 79 Resp: 535609
 Ion Ratio Lower Upper
 79 100
 52 102.6 55.9 83.9#
 51 54.9 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 40.30 ng
 RT: 2.54 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion: 42 Resp: 396189
 Ion Ratio Lower Upper
 42 100
 74 83.5 123.4 185.0#
 44 6.1 5.8 8.6

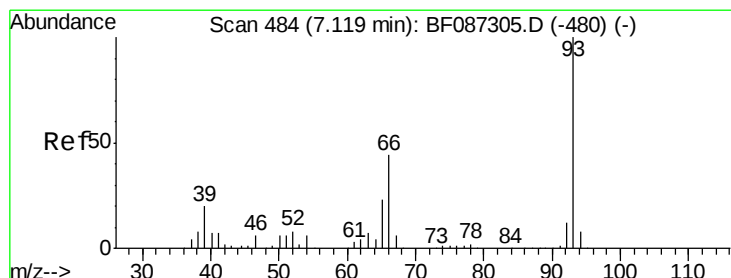
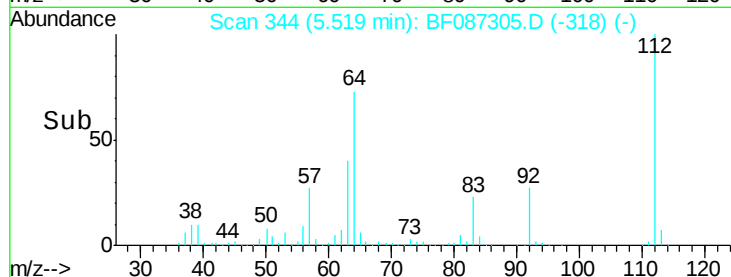
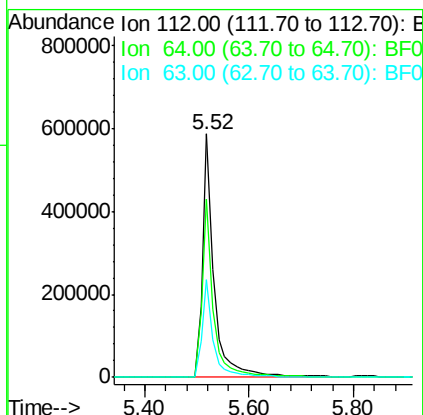
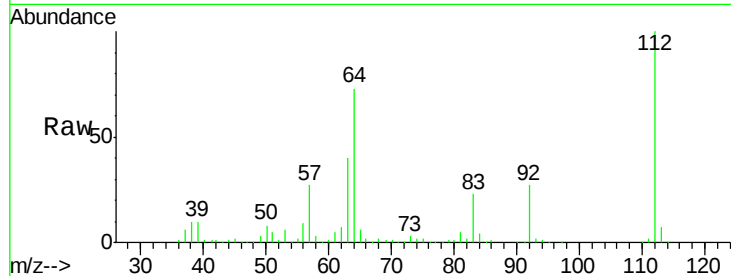




#5
 2-Fluorophenol
 Concen: 80.63 ng
 RT: 5.52 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

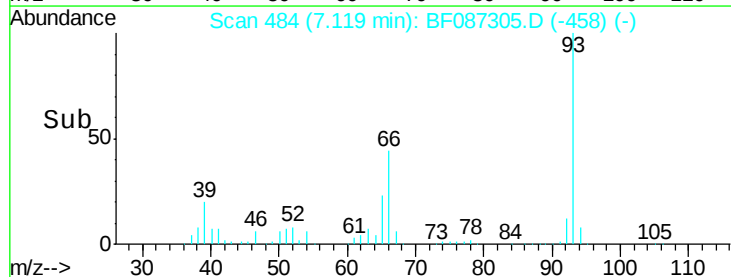
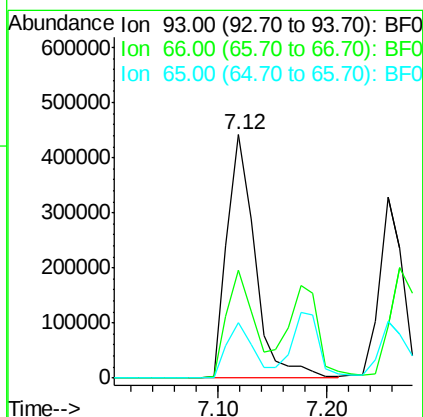
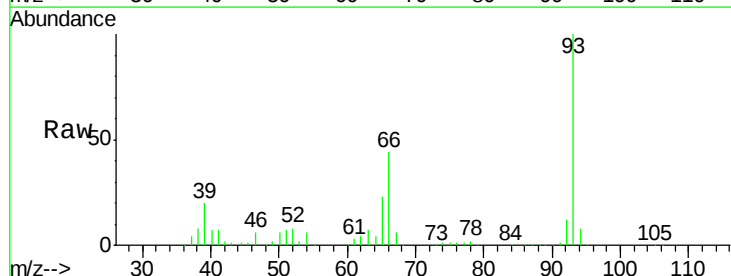
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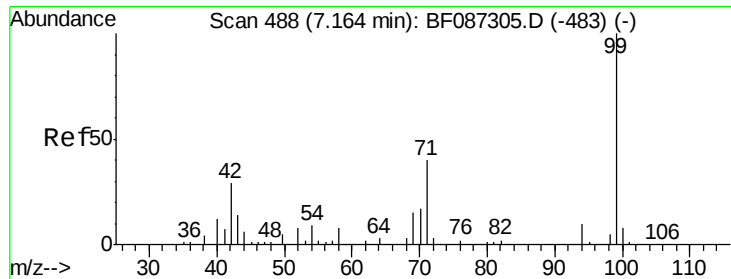
Tgt Ion: 112 Resp: 914239
 Ion Ratio Lower Upper
 112 100
 64 73.2 52.1 78.1
 63 40.2 25.7 38.5#



#6
 Aniline
 Concen: 40.77 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion: 93 Resp: 786695
 Ion Ratio Lower Upper
 93 100
 66 44.3 39.0 58.6
 65 23.0 20.6 31.0





#7

Phenol-d6

Concen: 77.71 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

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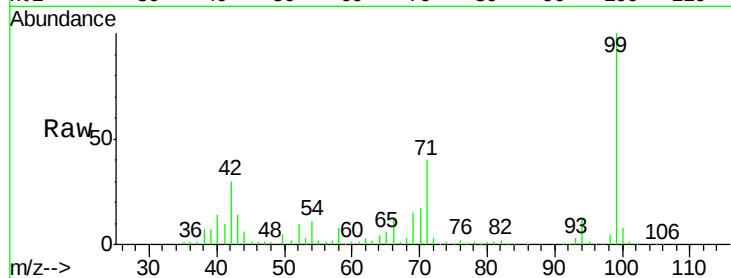
Tgt Ion: 99 Resp: 1170431

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

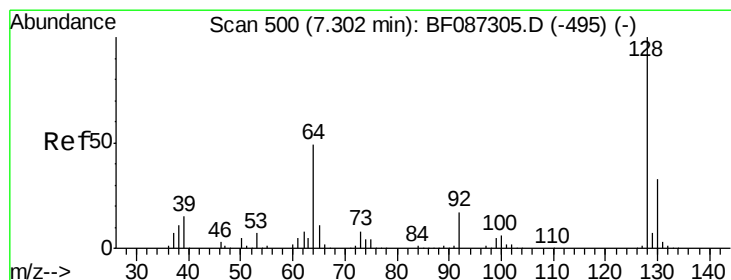
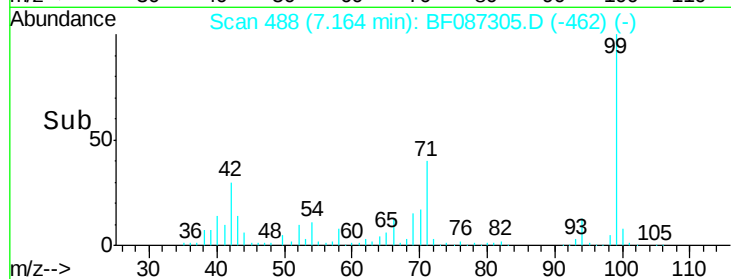
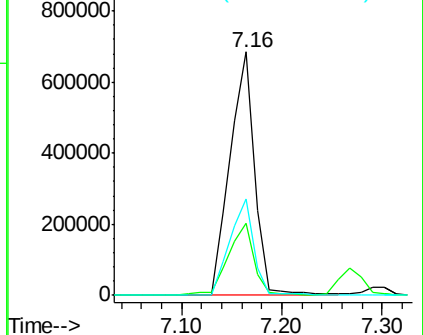
71 39.9 24.6 36.8#



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: 39.68 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

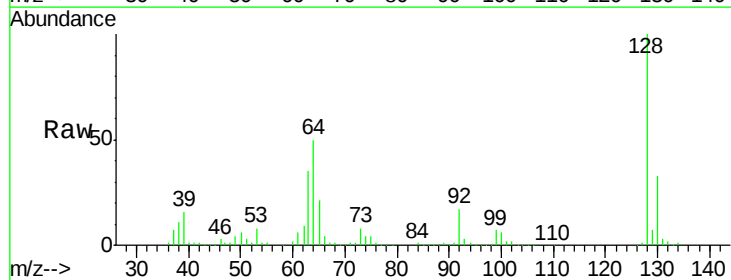
Tgt Ion: 128 Resp: 543830

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

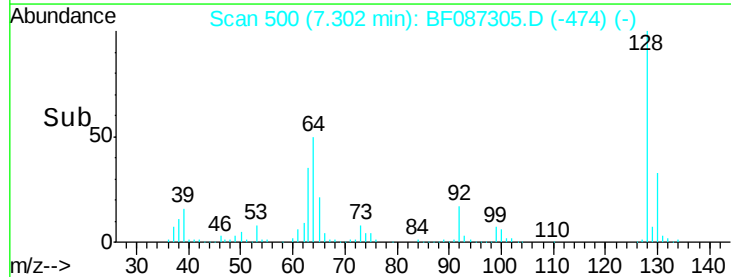
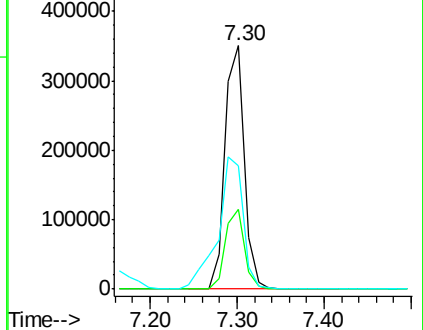
64 50.5 27.3 67.3

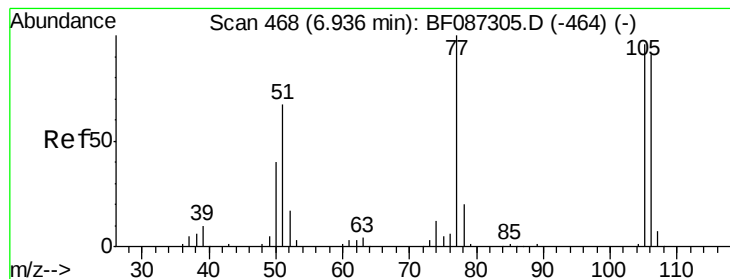


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.57 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

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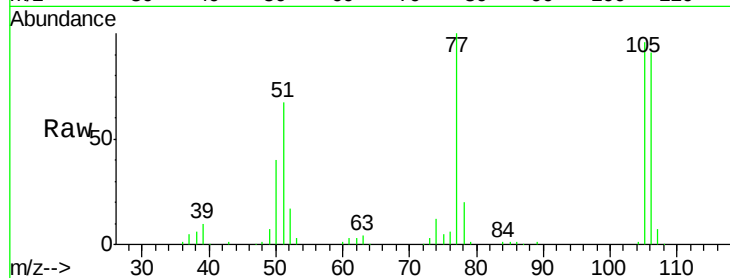
Tgt Ion: 77 Resp: 295910

Ion Ratio Lower Upper

77 100

105 96.4 72.7 112.7

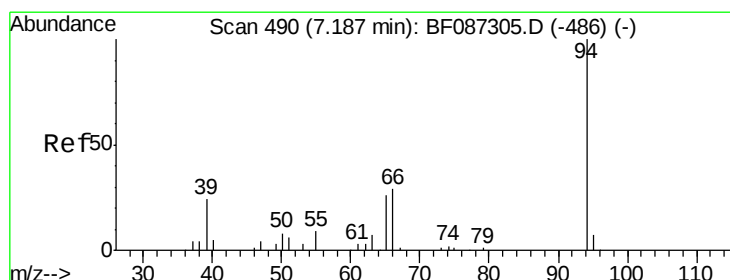
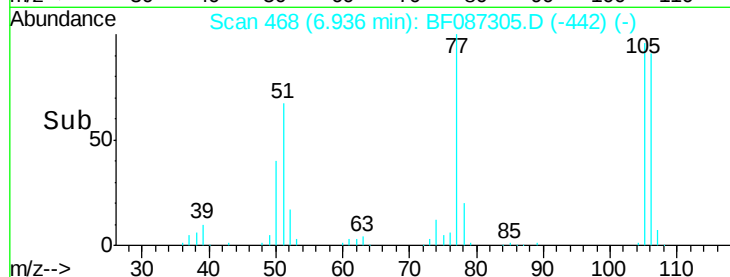
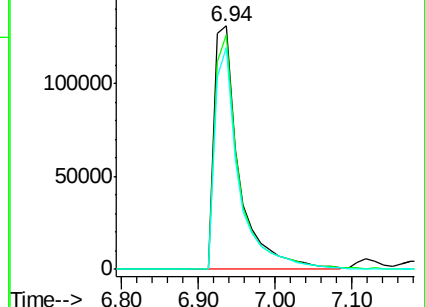
106 91.1 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.09 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

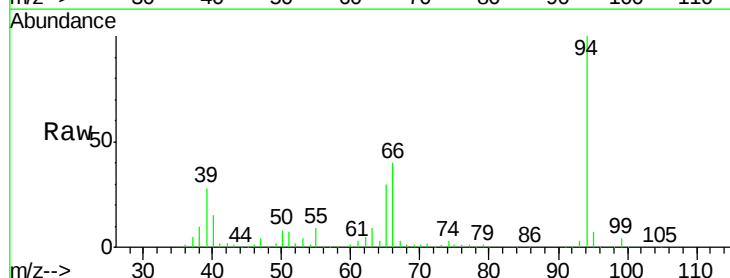
Tgt Ion: 94 Resp: 587680

Ion Ratio Lower Upper

94 100

65 30.4 7.2 47.2

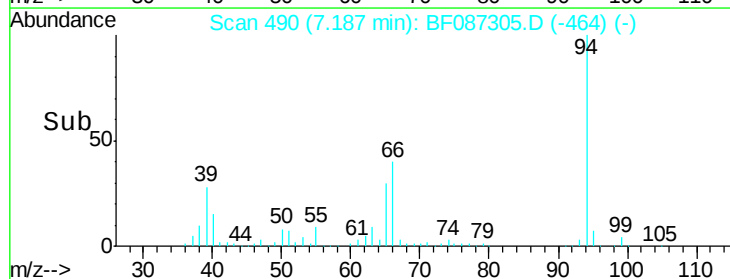
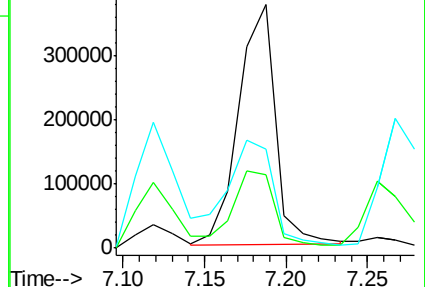
66 40.4 14.9 54.9

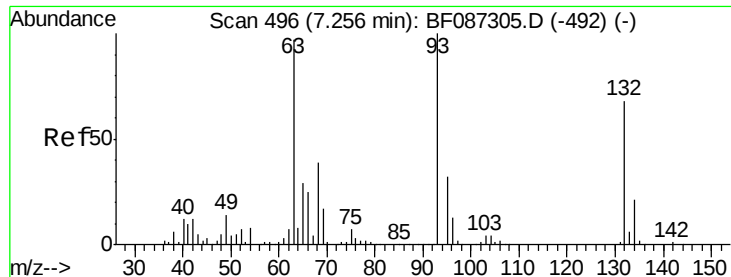


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

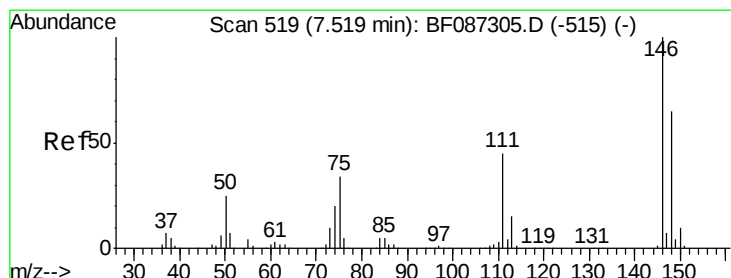
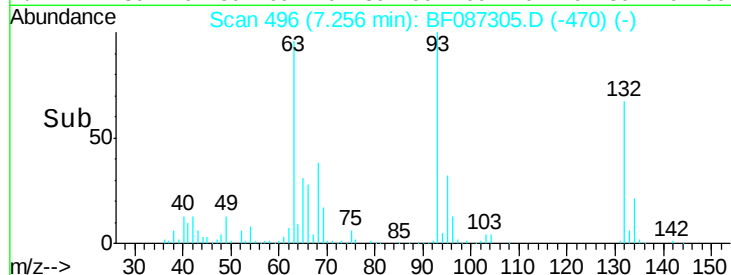
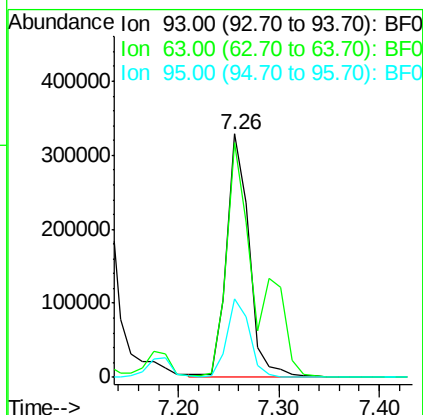
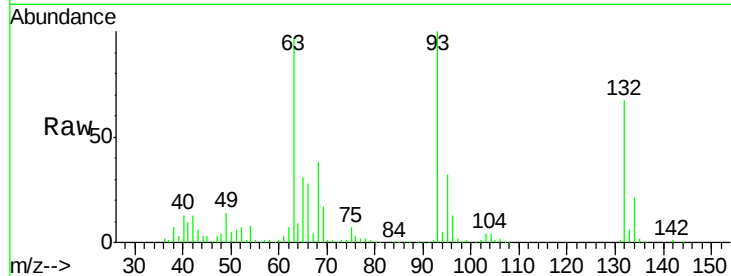




#11
bis(2-Chloroethyl)ether
Concen: 35.66 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

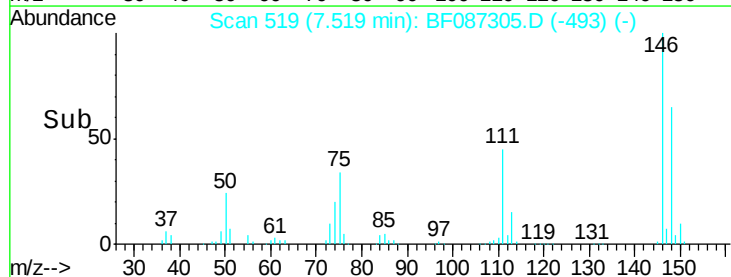
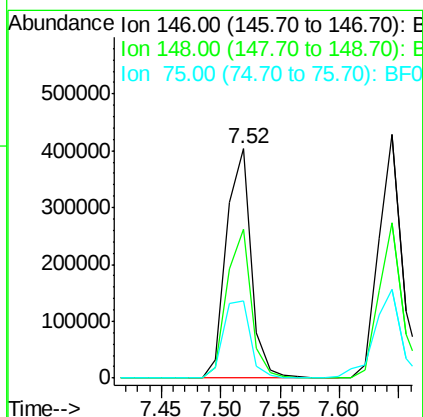
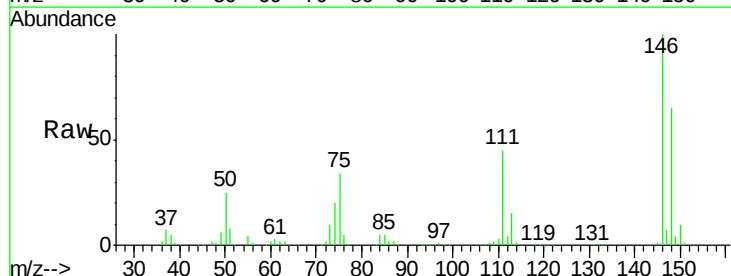
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

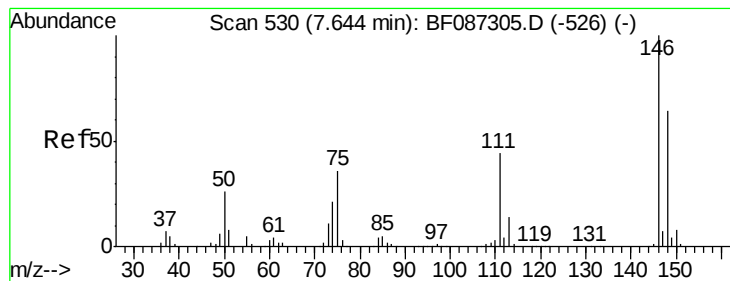
Tgt Ion: 93 Resp: 510011
Ion Ratio Lower Upper
93 100
63 96.6 58.0 98.0
95 32.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.97 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion: 146 Resp: 581900
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
75 33.7 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 39.96 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

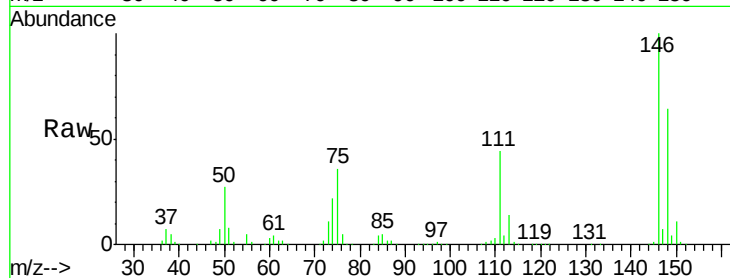
Tgt Ion:146 Resp: 597157

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.4

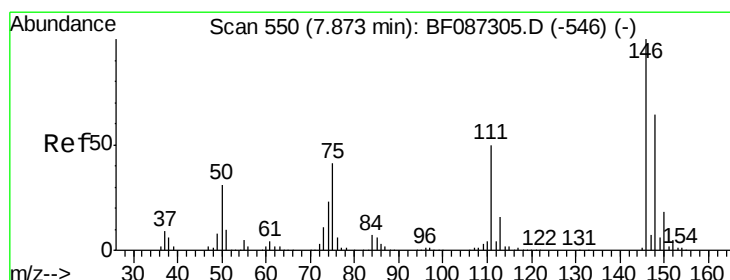
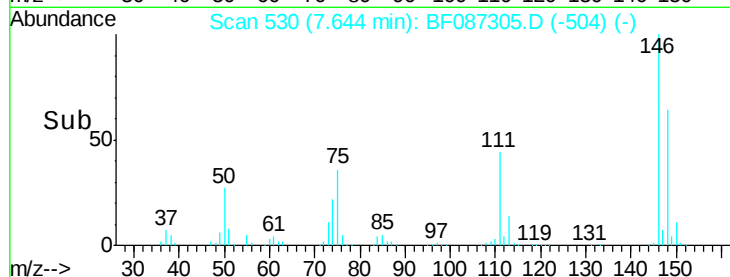
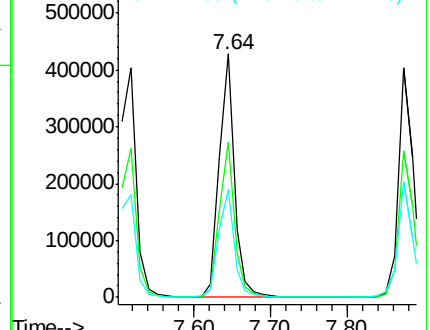
111 44.4 30.7 46.1



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: 40.92 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

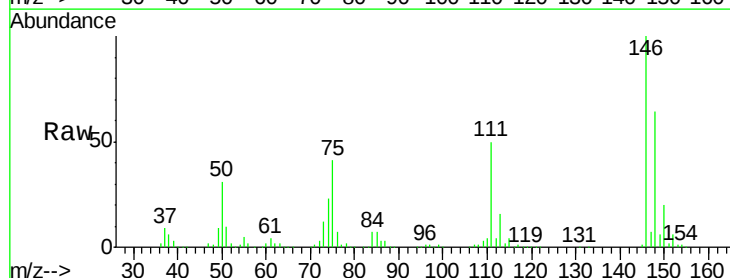
Tgt Ion:146 Resp: 544665

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

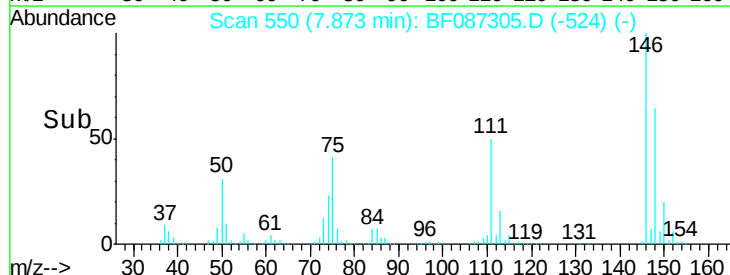
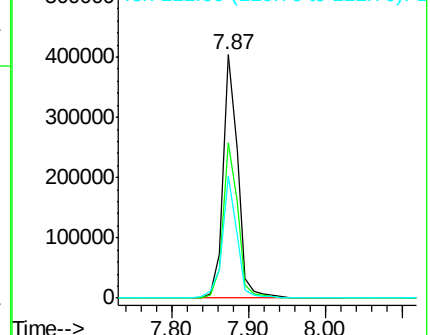
111 50.2 36.2 54.4

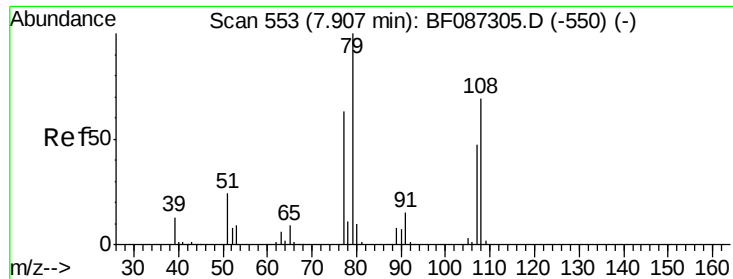


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.55 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

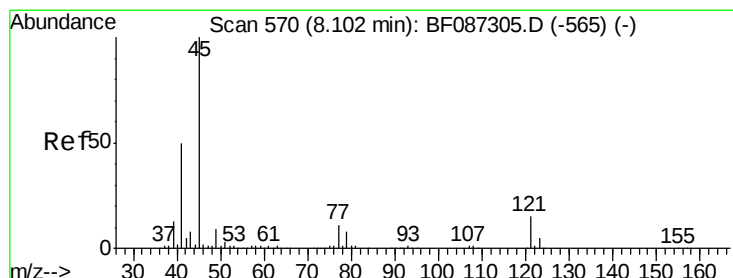
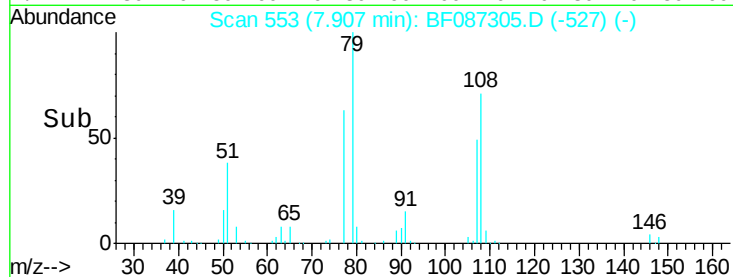
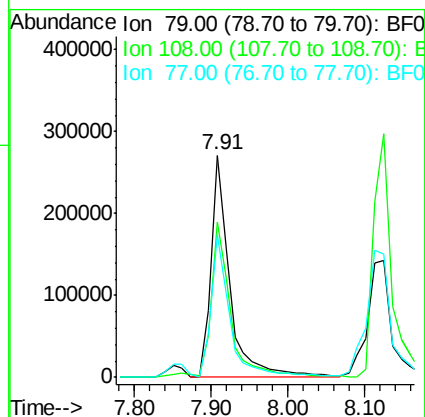
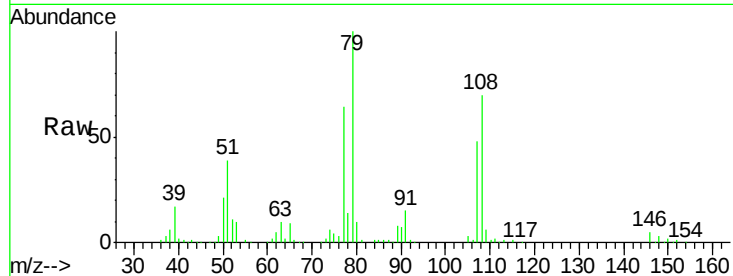
Tgt Ion: 79 Resp: 455004

Ion Ratio Lower Upper

79 100

108 69.8 68.4 102.6

77 64.3 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.54 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

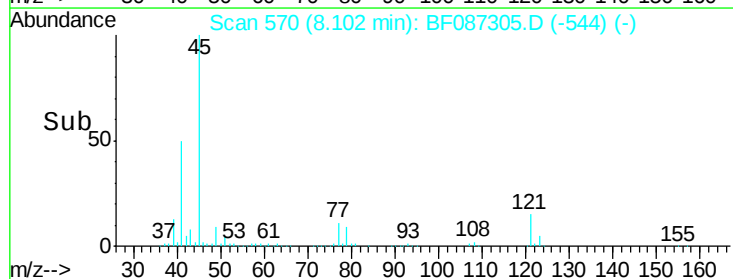
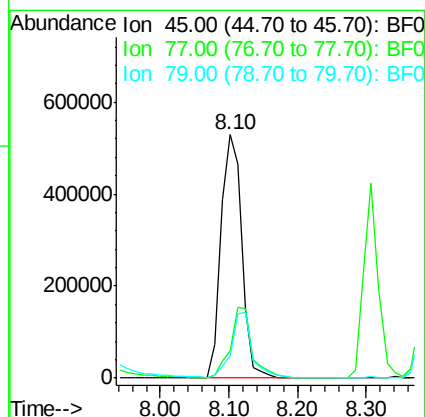
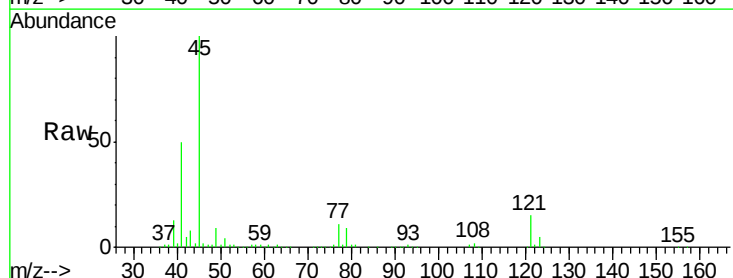
Tgt Ion: 45 Resp: 1136113

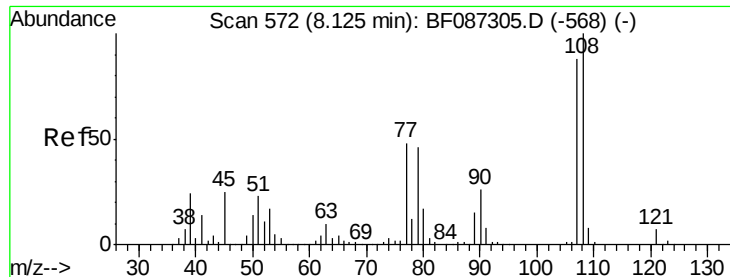
Ion Ratio Lower Upper

45 100

77 11.4 0.0 36.4

79 8.9 0.0 33.4

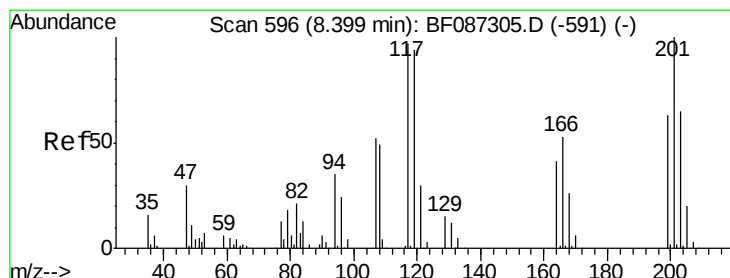
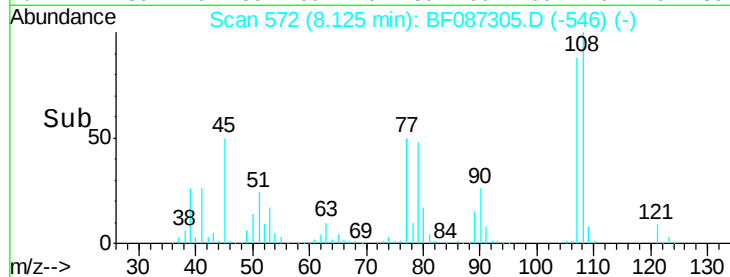
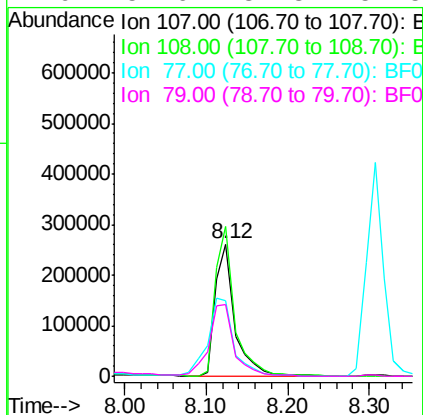
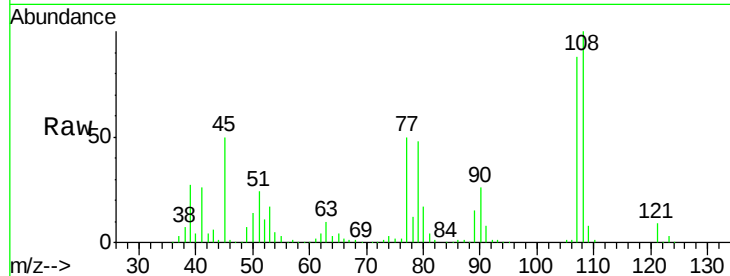




#17
 2-Methylphenol
 Concen: 38.39 ng
 RT: 8.12 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

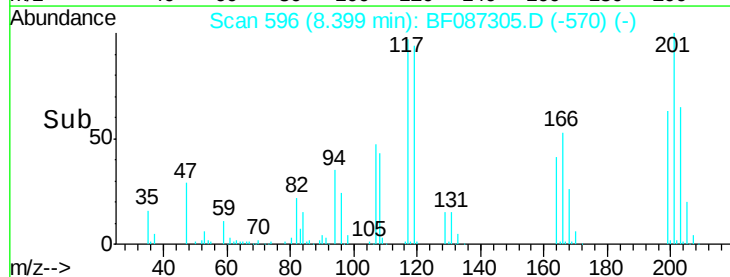
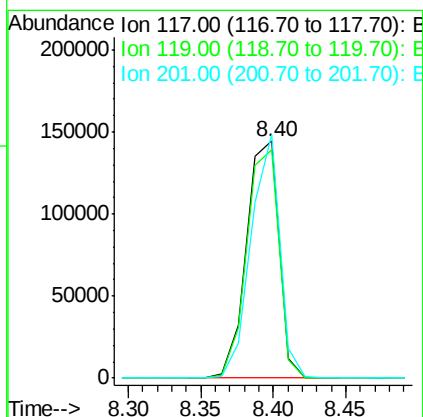
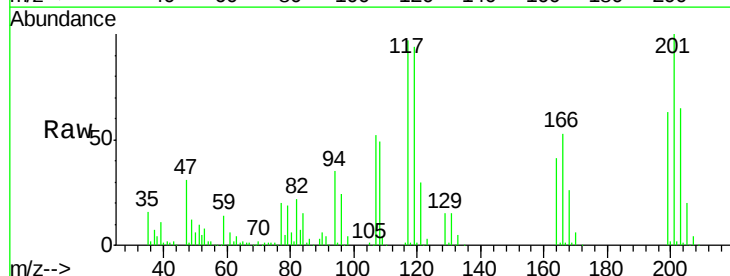
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

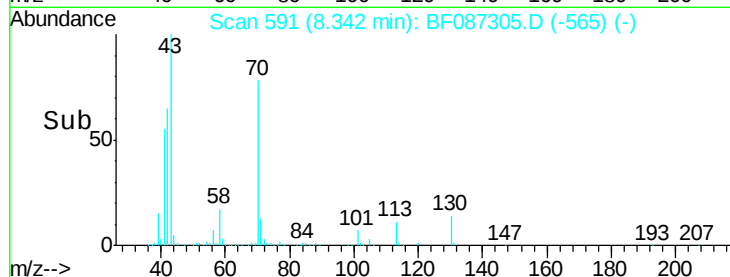
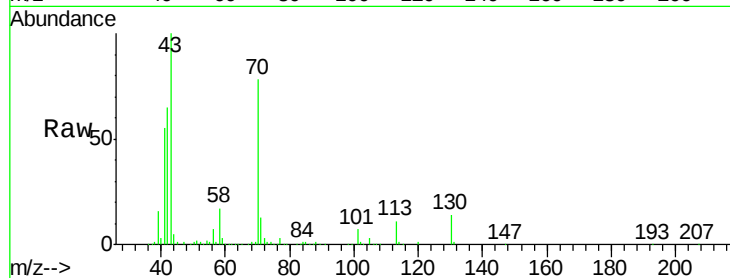
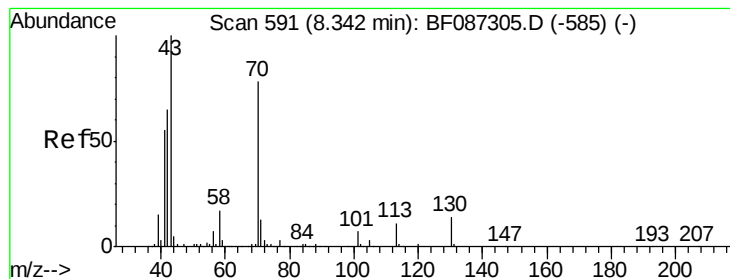
Tgt Ion:107 Resp: 429829
 Ion Ratio Lower Upper
 107 100
 108 113.5 93.7 140.5
 77 57.3 33.4 50.0#
 79 54.6 34.3 51.5#



#18
 Hexachloroethane
 Concen: 39.41 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion:117 Resp: 224034
 Ion Ratio Lower Upper
 117 100
 119 96.6 76.5 114.7
 201 102.9 63.0 94.6#





#19

n-Nitroso-di-n-propylamine

Concen: 37.90 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 429503

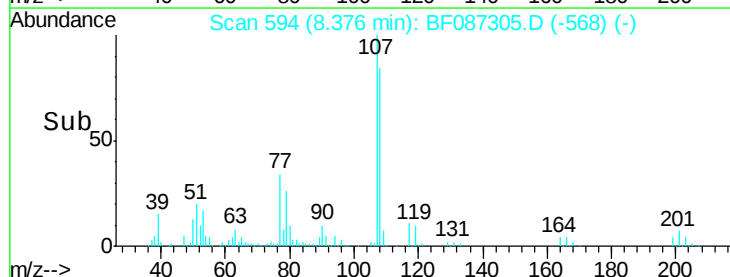
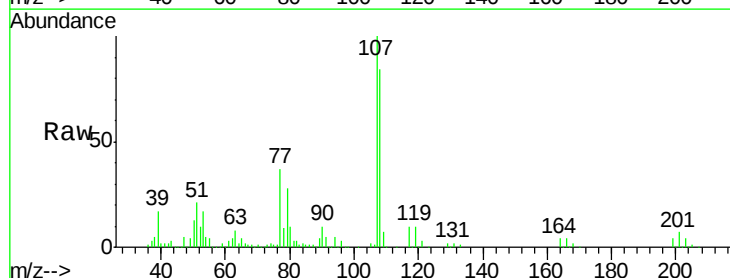
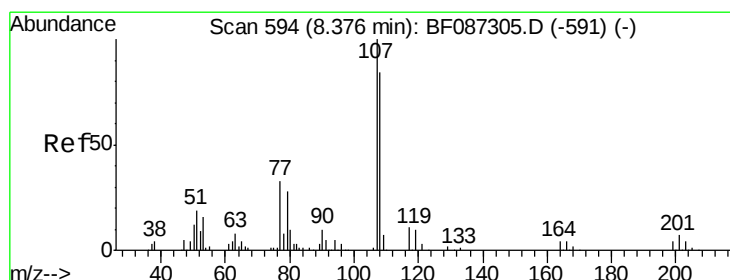
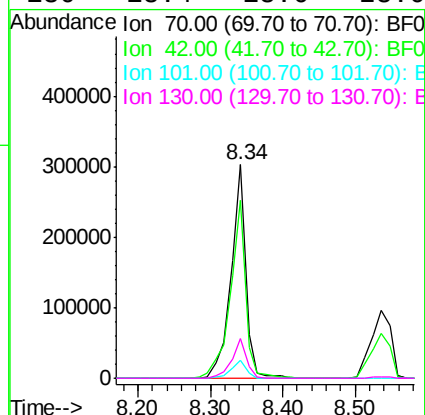
Ion Ratio Lower Upper

70 100

42 83.5 43.1 64.7#

101 8.7 8.1 12.1

130 18.4 18.6 28.0#



#20

3+4-Methylphenols

Concen: 37.52 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Tgt Ion: 107 Resp: 549675

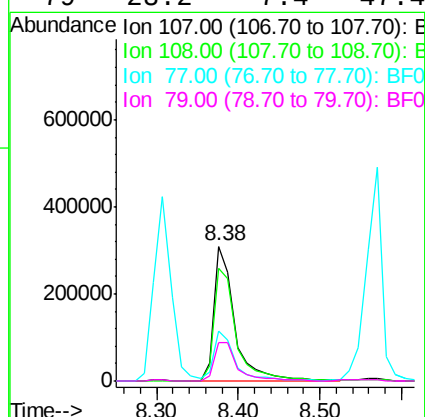
Ion Ratio Lower Upper

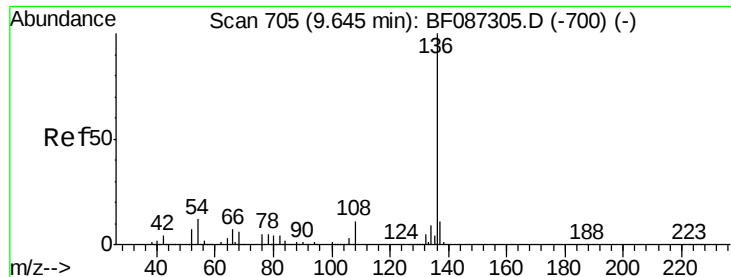
107 100

108 83.8 68.5 108.5

77 36.6 101.6 141.6#

79 28.2 7.4 47.4

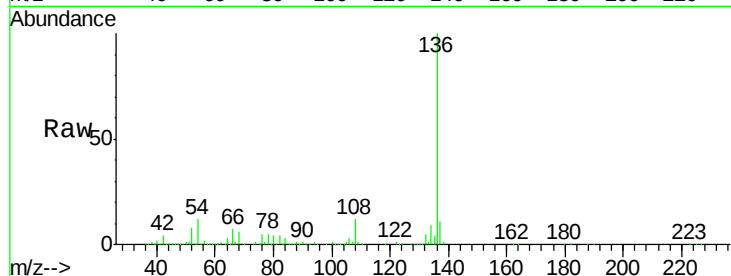




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	136	Resp:	776202
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.3	5.0	7.4#
68	6.2	4.4	6.6



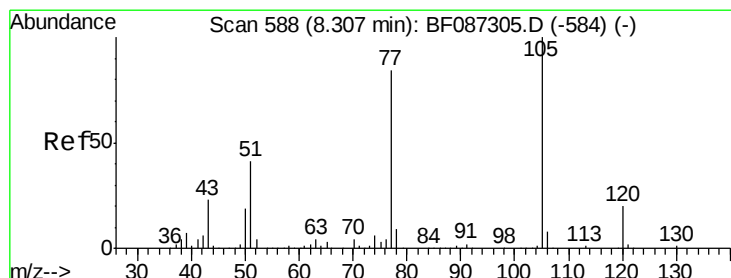
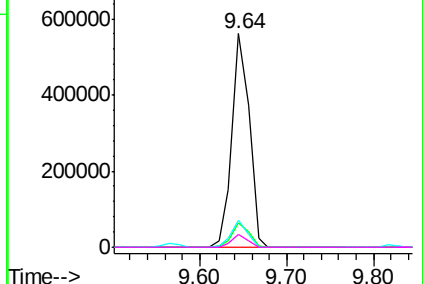
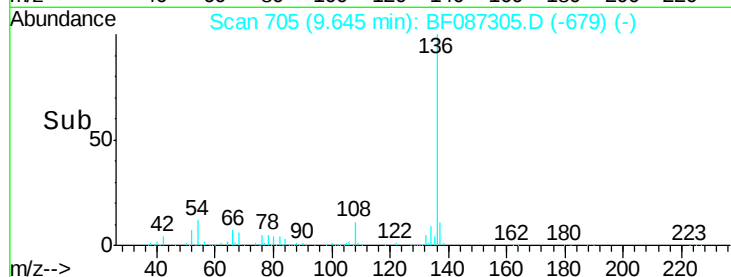
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

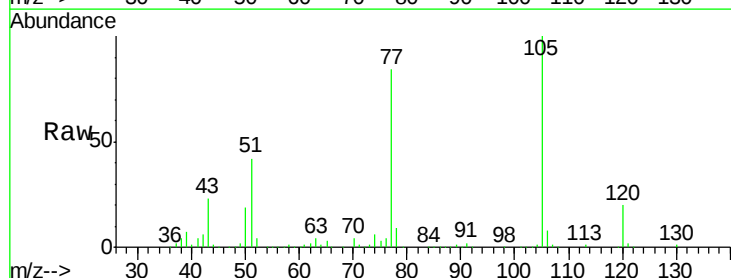
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.57 ng
RT: 8.31 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion:	105	Resp:	747963
Ion	Ratio	Lower	Upper
105	100		
71	0.7	4.8	7.2#
51	41.6	32.6	49.0
120	20.1	16.5	24.7



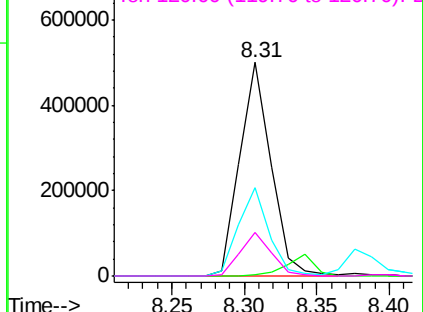
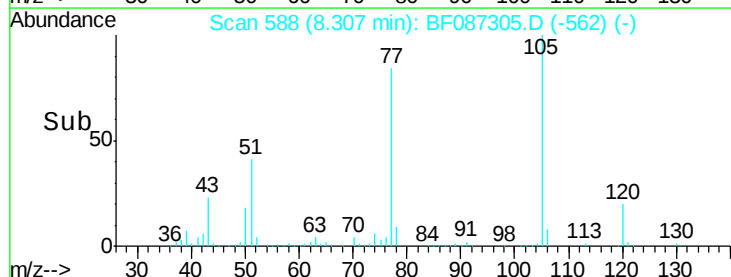
Abundance

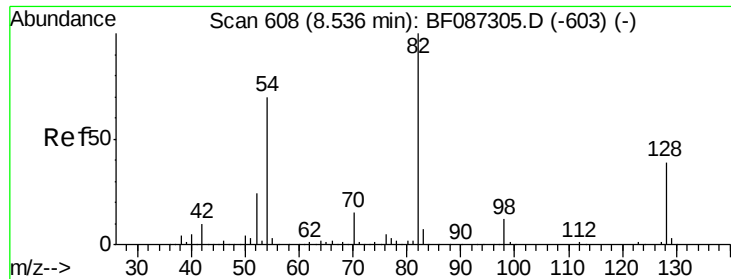
Ion 105.00 (104.70 to 105.70): E

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

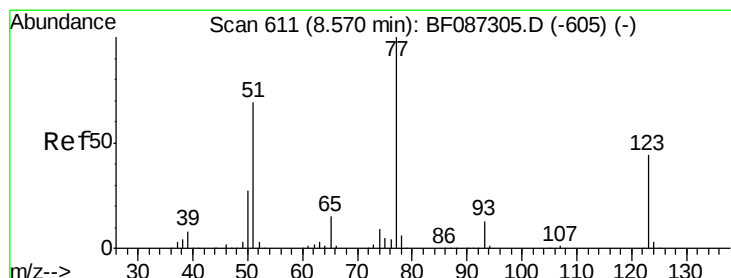
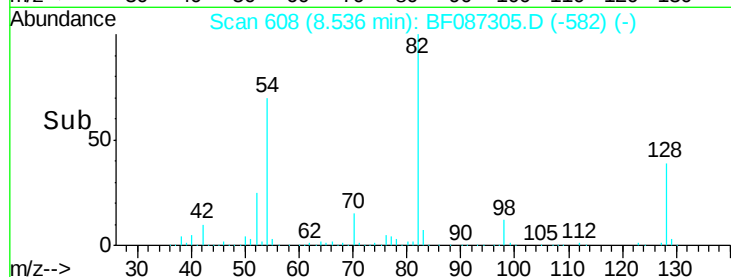
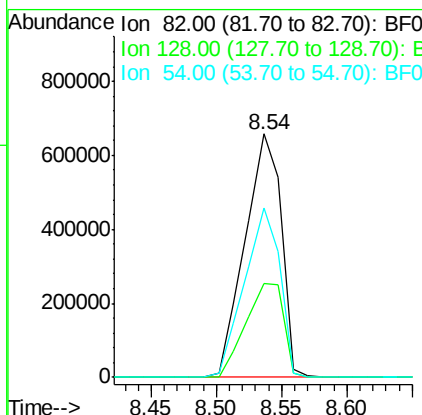
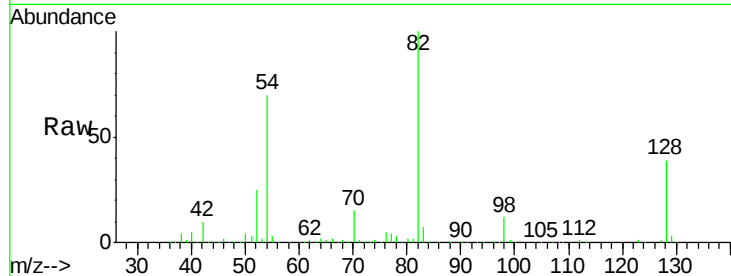




#23
 Nitrobenzene-d5
 Concen: 81.01 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

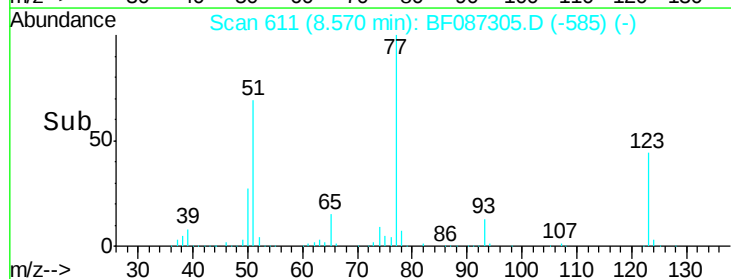
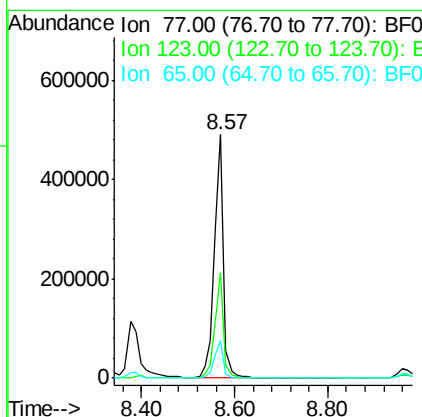
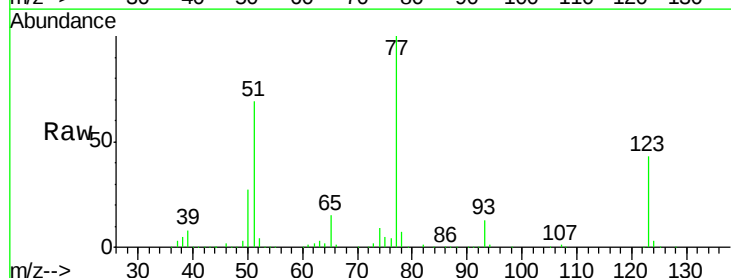
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

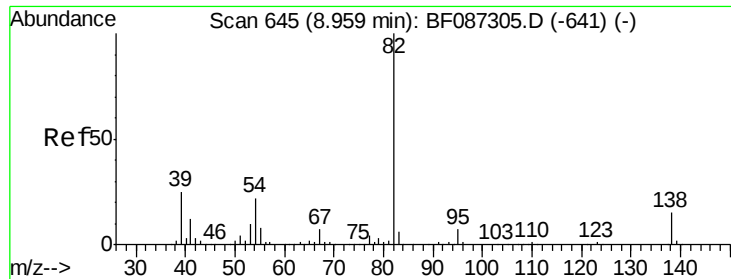
Tgt Ion: 82 Resp: 1271832
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 69.8 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.15 ng
 RT: 8.57 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion: 77 Resp: 677164
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 39.09 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

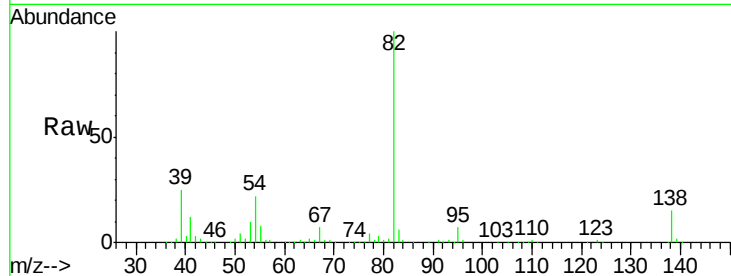
Tgt Ion: 82 Resp: 1112157

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

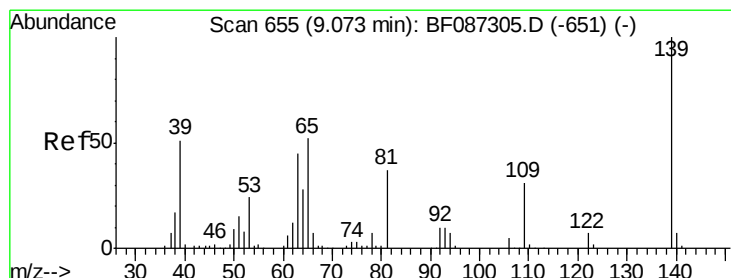
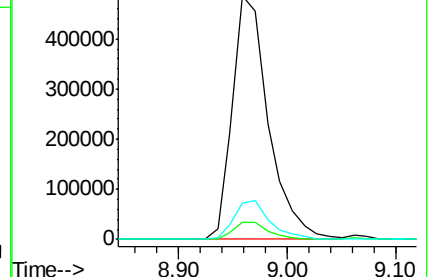
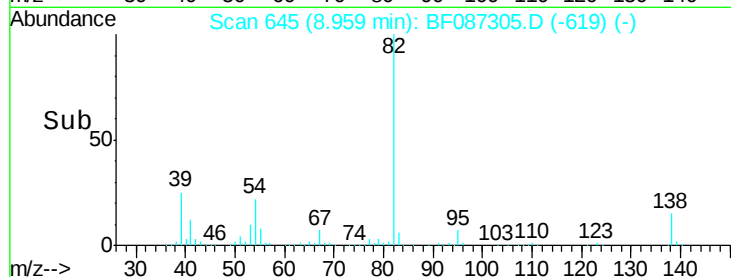
138 15.0 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.26 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

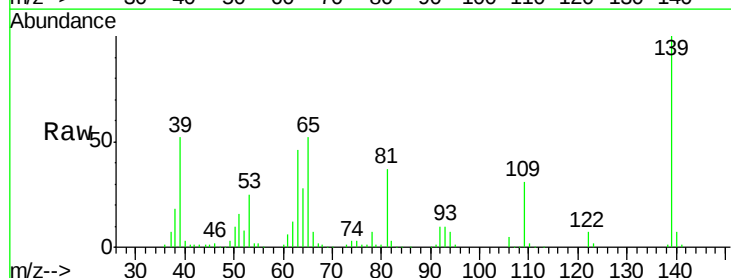
Tgt Ion: 139 Resp: 284891

Ion Ratio Lower Upper

139 100

109 31.1 19.5 29.3#

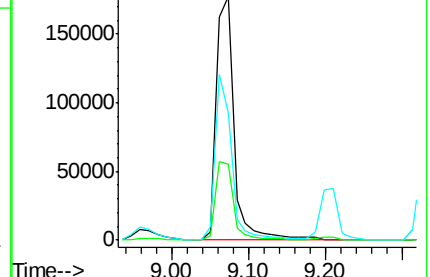
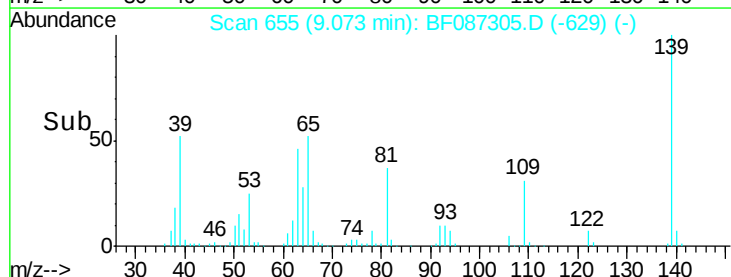
65 52.1 37.5 56.3

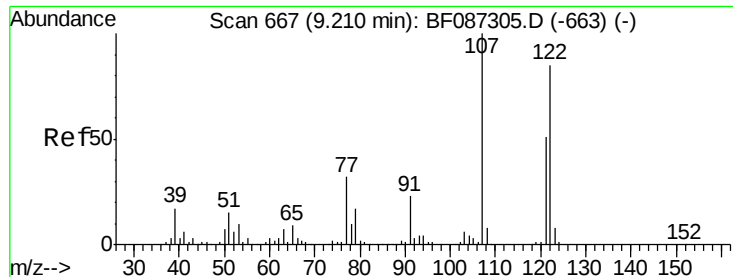


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.14 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

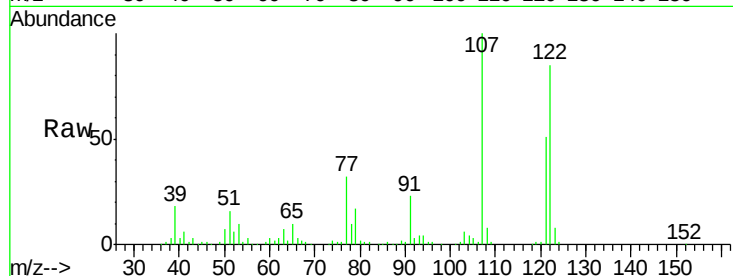
Tgt Ion:122 Resp: 470671

Ion Ratio Lower Upper

122 100

107 117.9 82.0 123.0

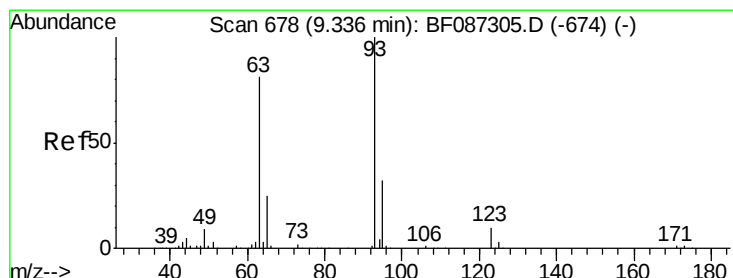
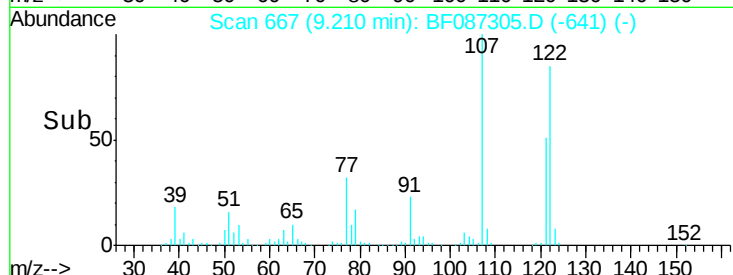
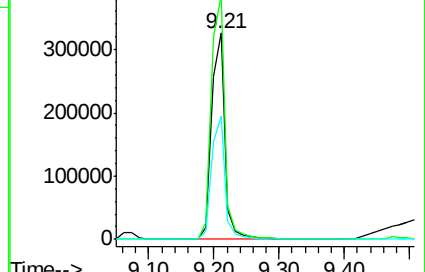
121 59.9 46.1 69.1



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: 39.80 ng

RT: 9.34 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

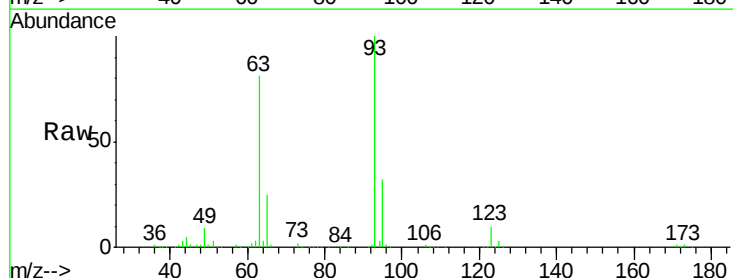
Tgt Ion: 93 Resp: 615177

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

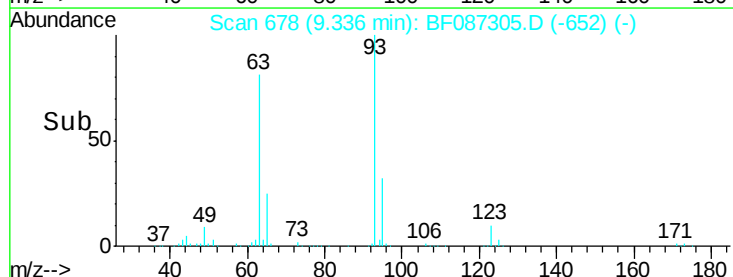
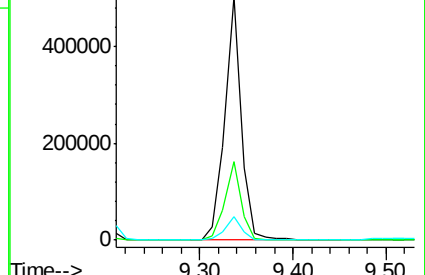
123 9.8 9.5 14.3

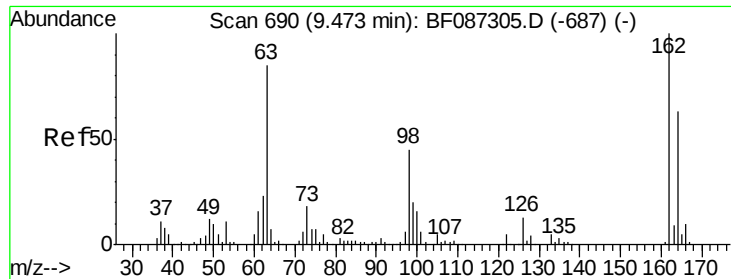


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

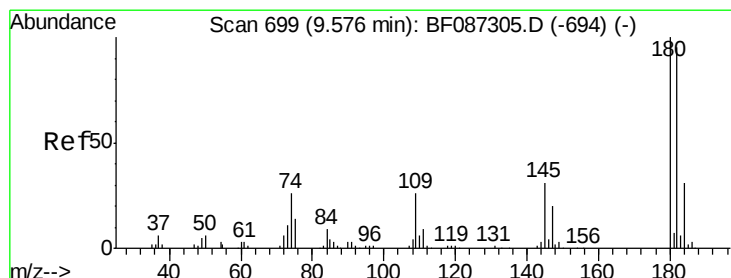
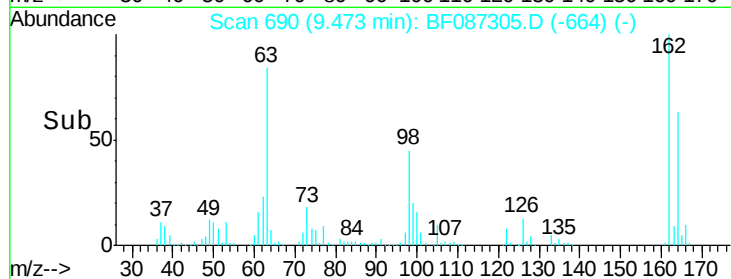
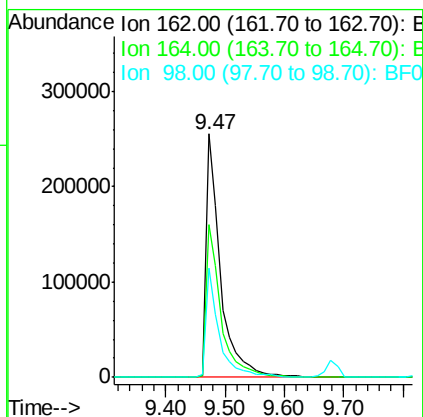
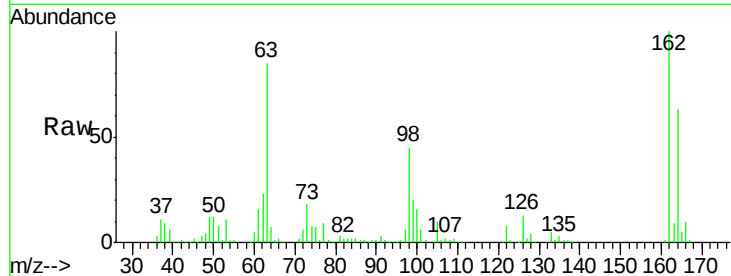




#29
 2,4-Dichlorophenol
 Concen: 40.61 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

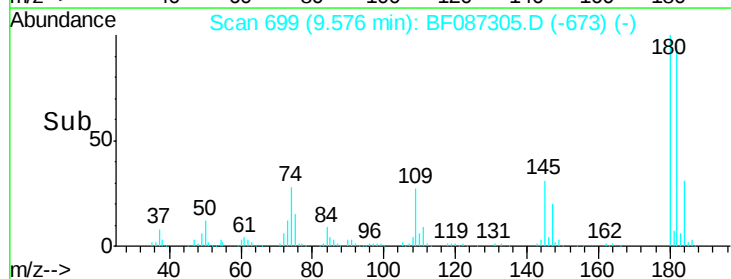
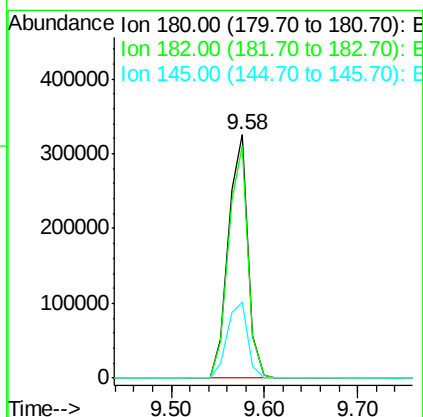
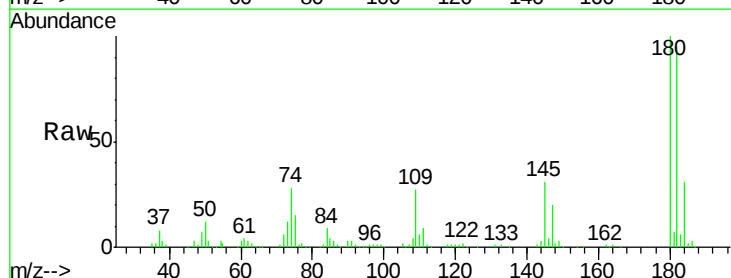
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

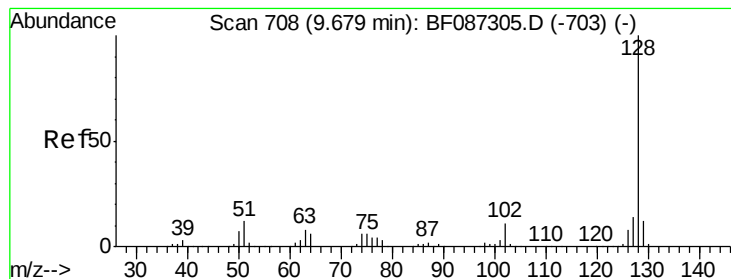
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.2	82.2
98	45.0	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.12 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.0	117.0
145	31.4	24.2	36.2





#31

Naphthalene

Concen: 39.82 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

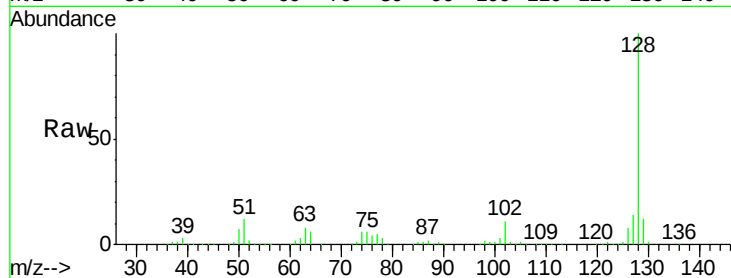
Tgt Ion:128 Resp: 1518998

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

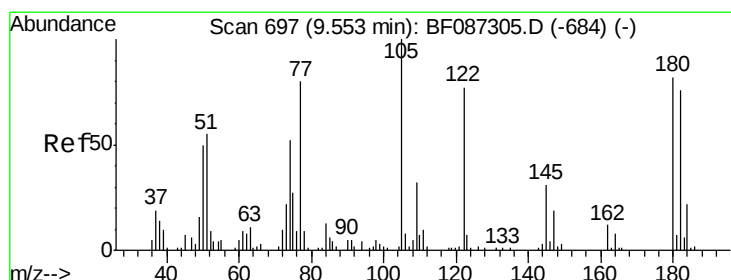
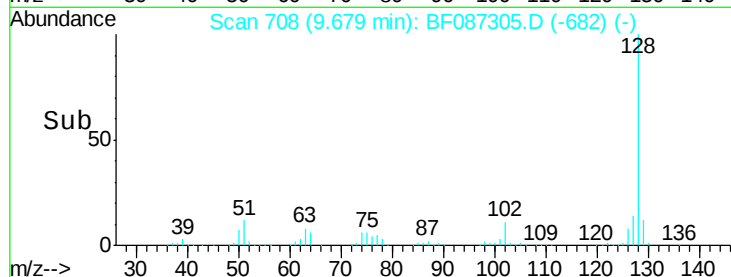
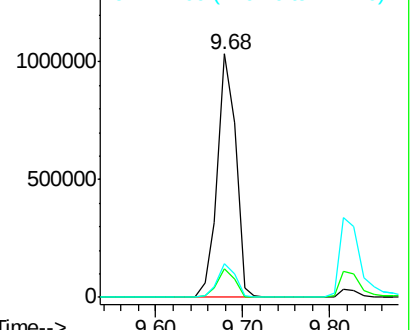
127 13.8 10.8 16.2



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: 34.26 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

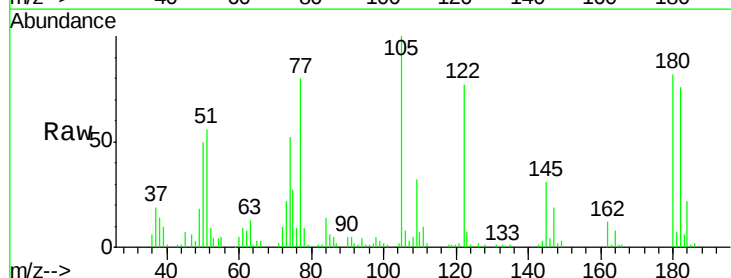
Tgt Ion:122 Resp: 237563

Ion Ratio Lower Upper

122 100

105 130.3 92.6 132.6

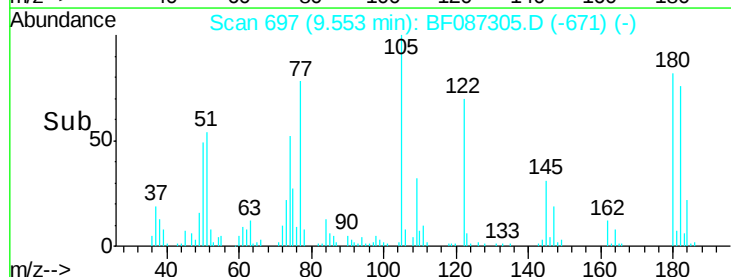
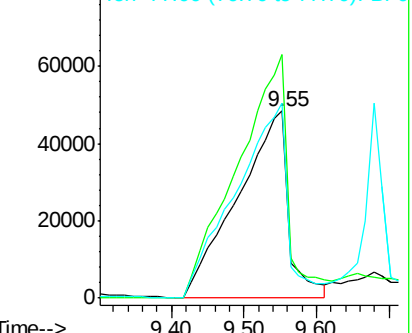
77 104.5 60.0 100.0#

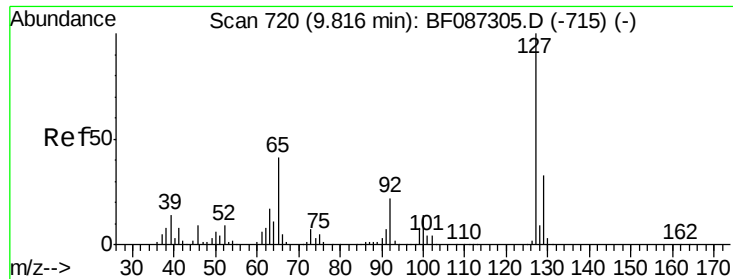


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

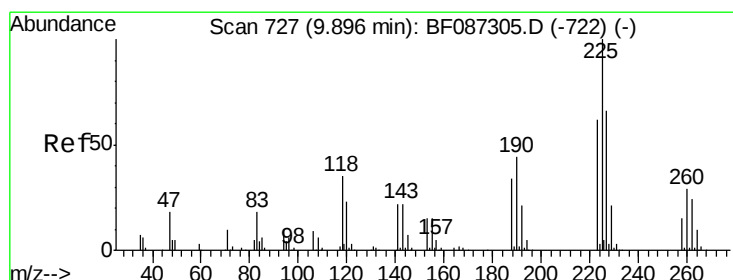
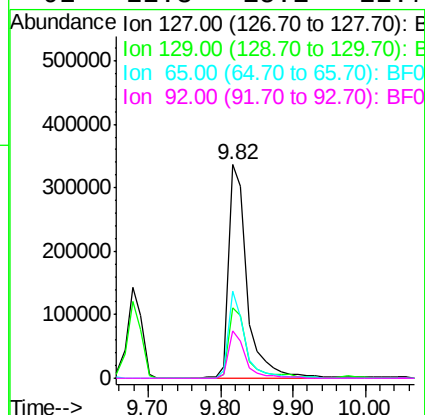
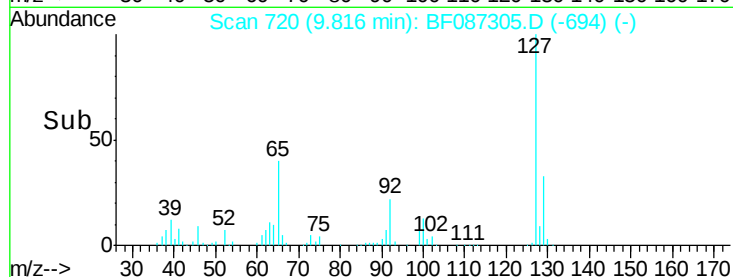
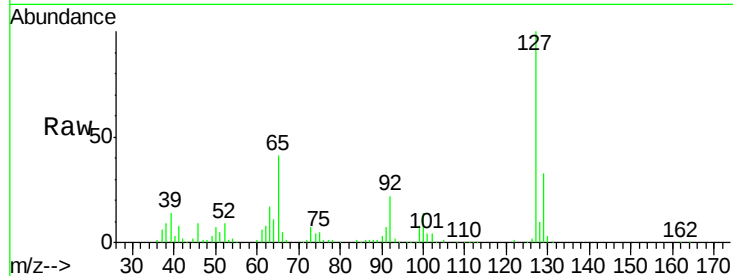




#33
4-Chloroaniline
Concen: 37.91 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

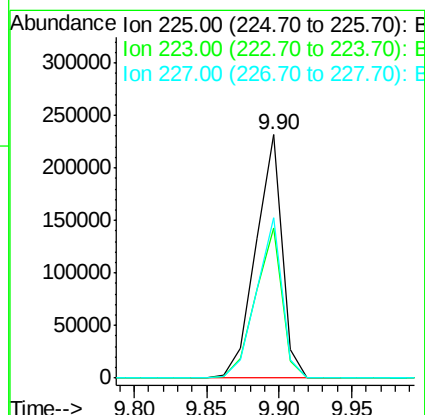
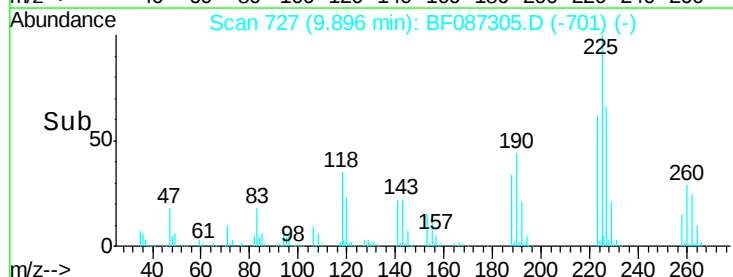
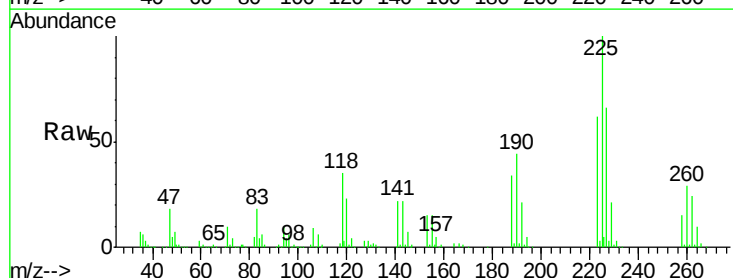
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

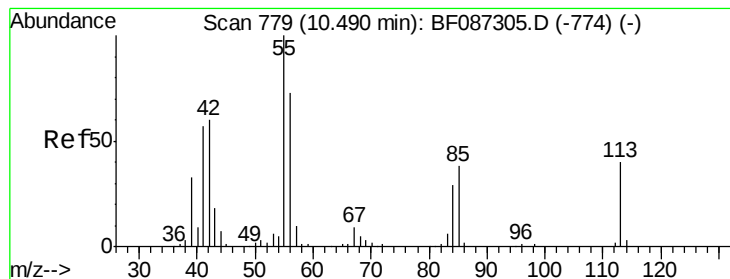
Tgt Ion:	127	Resp:	589059
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	40.7	23.0	34.4#
92	22.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 42.57 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion:	225	Resp:	290194
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.5	77.3
227	65.8	52.2	78.2





#35

Caprolactam

Concen: 29.75 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

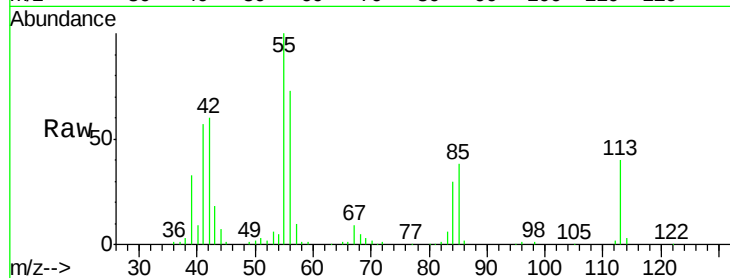
Tgt Ion:113 Resp: 100093

Ion Ratio Lower Upper

113 100

55 248.7 162.0 202.0#

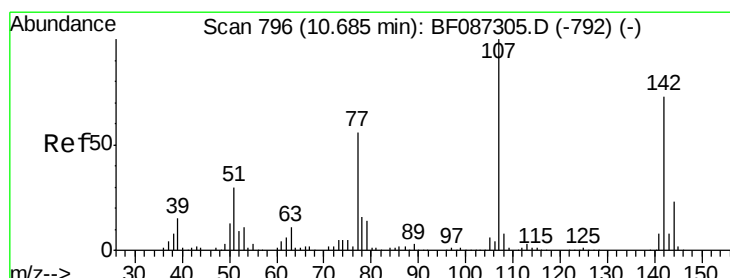
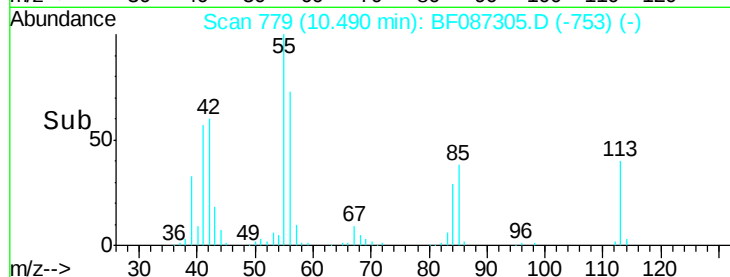
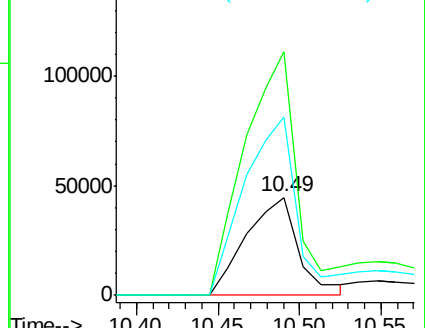
56 181.5 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.68 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

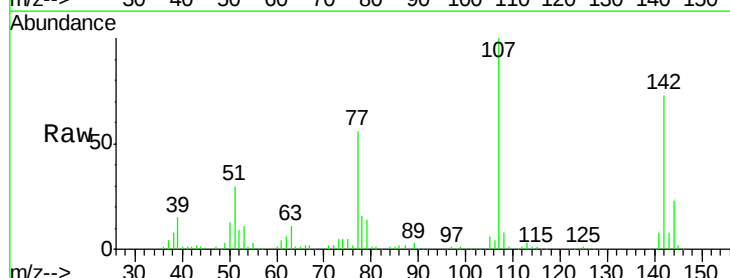
Tgt Ion:107 Resp: 494212

Ion Ratio Lower Upper

107 100

144 23.4 20.7 31.1

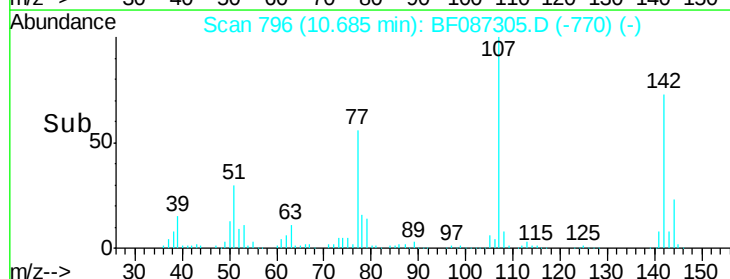
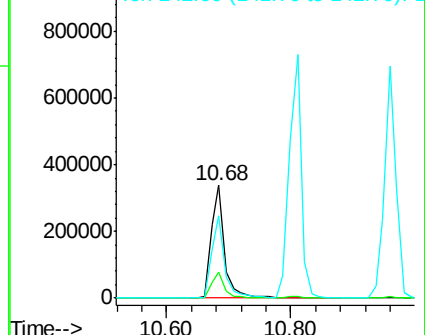
142 73.1 63.2 94.8

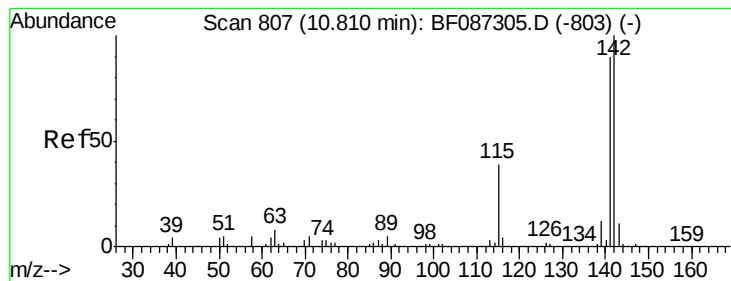


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.40 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

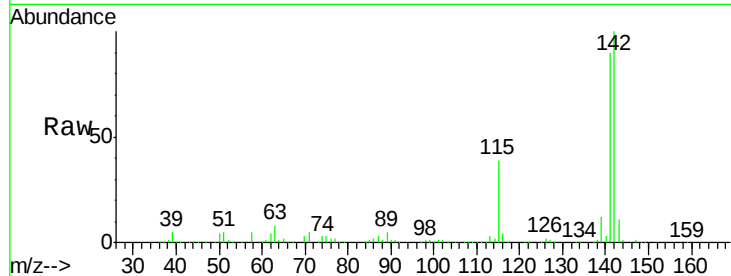
Tgt Ion:142 Resp: 962128

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

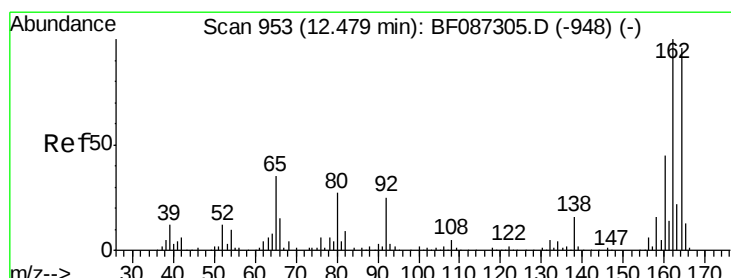
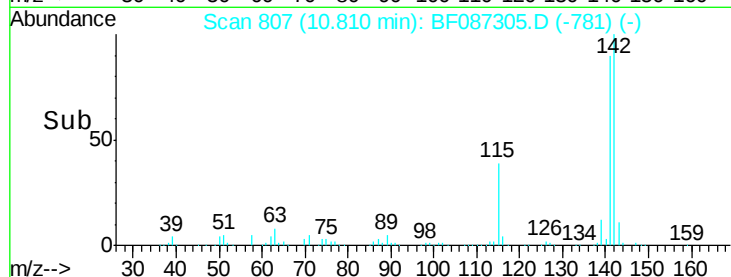
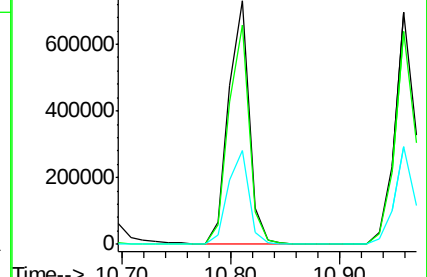
115 38.7 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

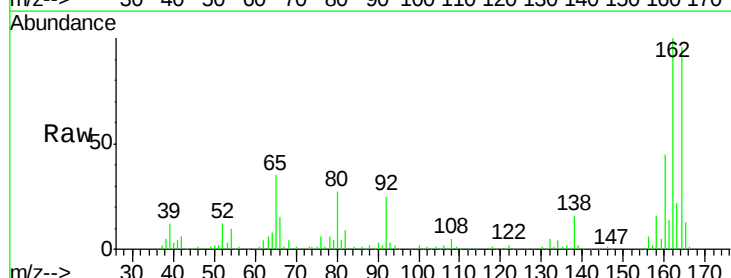
Tgt Ion:164 Resp: 352903

Ion Ratio Lower Upper

164 100

162 104.2 82.8 124.2

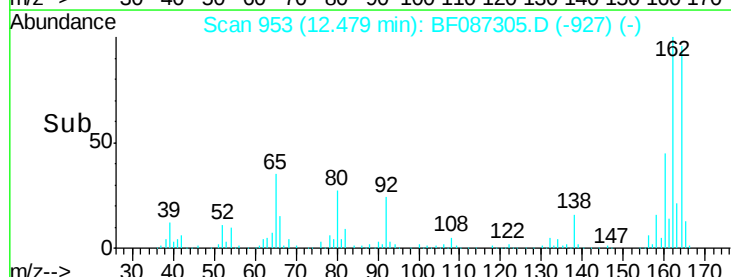
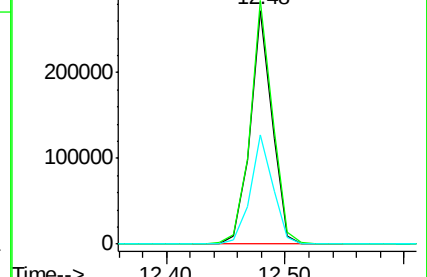
160 47.0 36.9 55.3

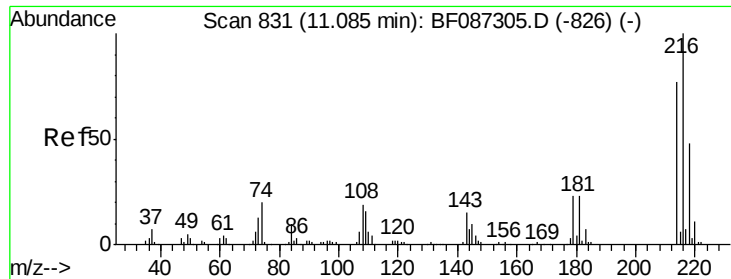


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

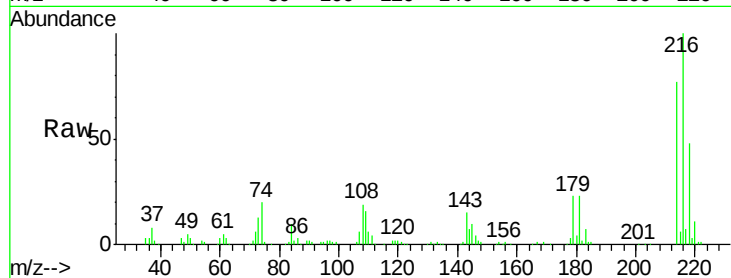




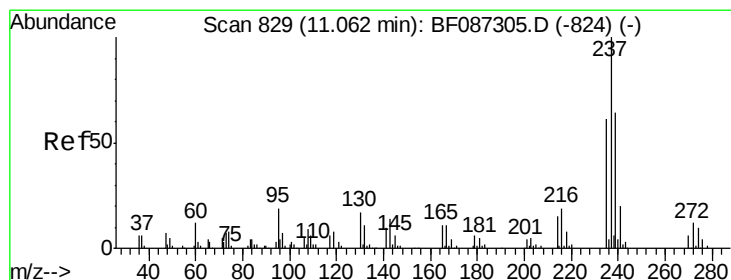
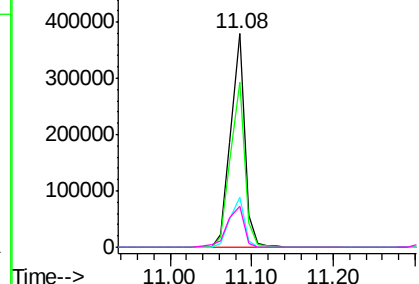
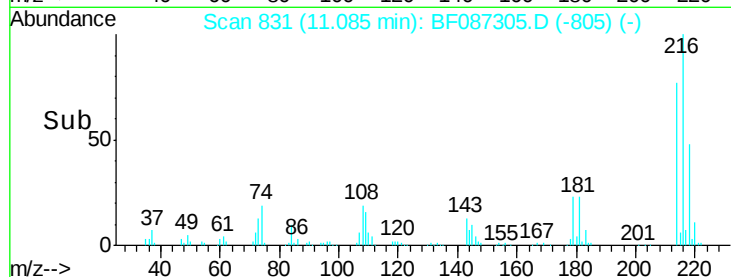
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.82 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	93.8
179	24.0	18.2	27.4
108	23.0	17.5	26.3

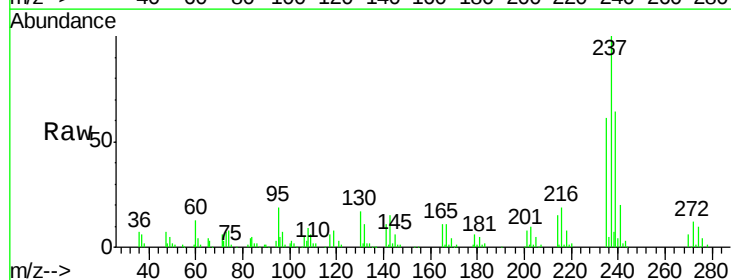


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

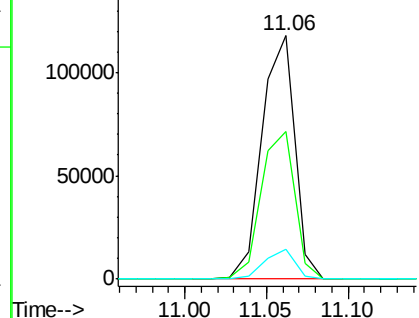
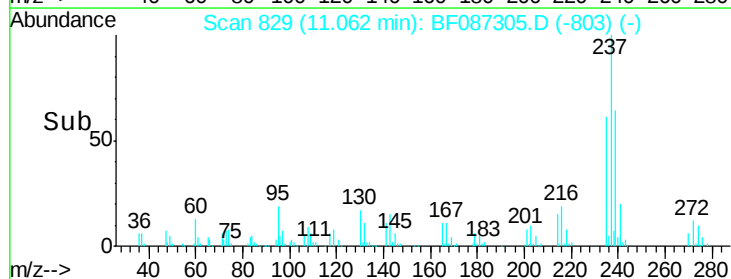


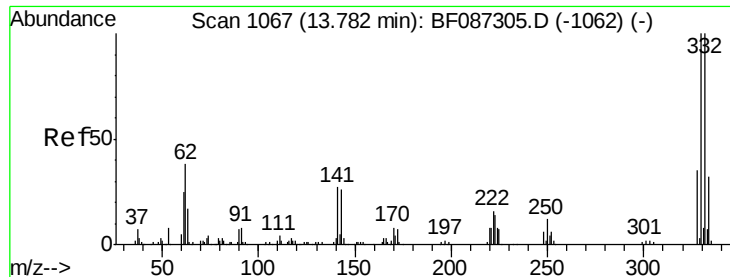
#40
 Hexachlorocyclopentadiene
 Concen: 50.36 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.5	47.2	87.2
272	12.5	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

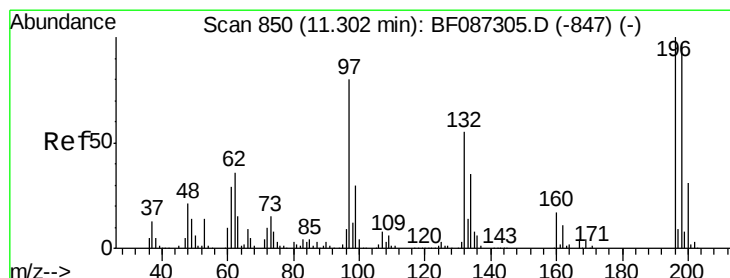
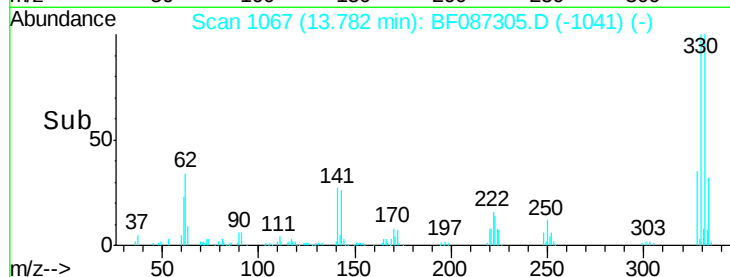
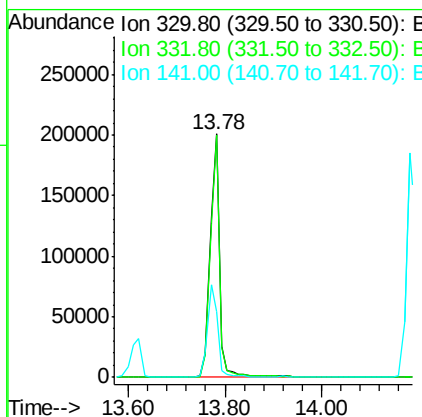
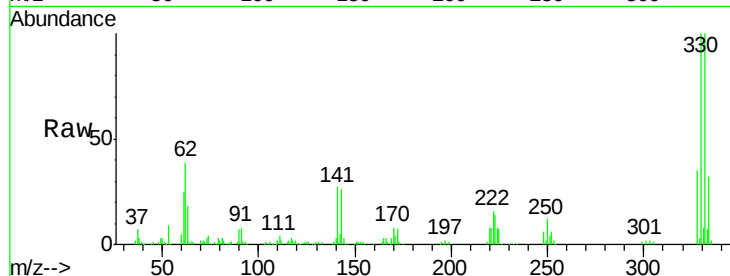




#41
 2,4,6-Tribromophenol
 Concen: 74.05 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

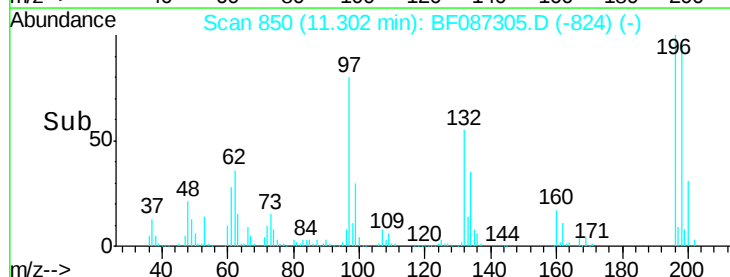
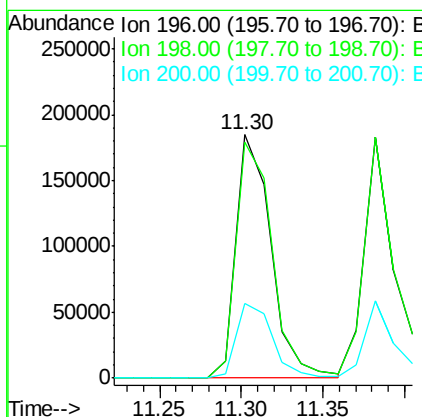
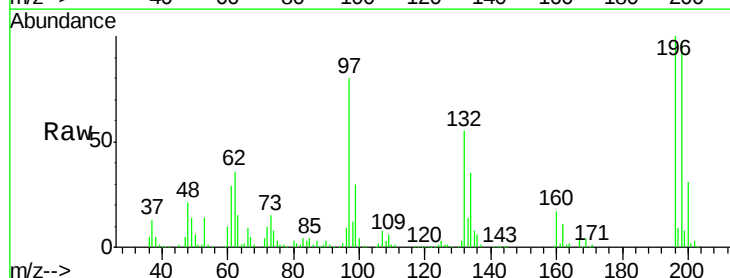
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

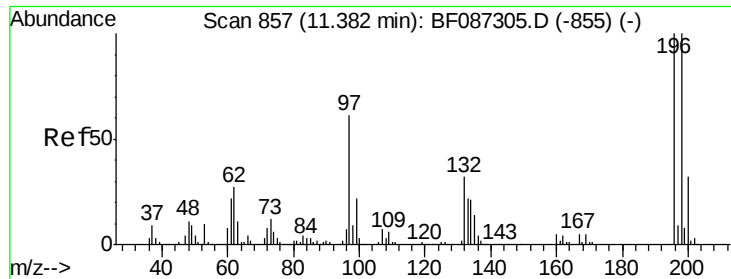
Tgt Ion:330 Resp: 281438
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 40.9 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.84 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion:196 Resp: 273494
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.7 112.1
 200 30.6 23.8 35.6

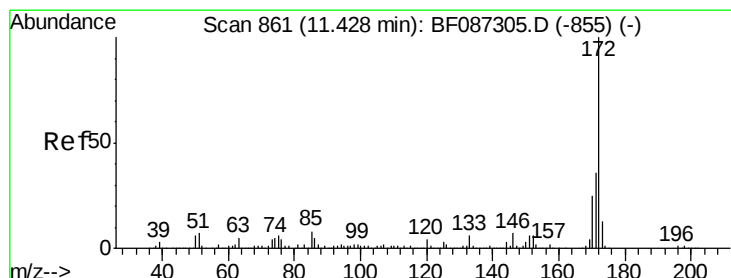
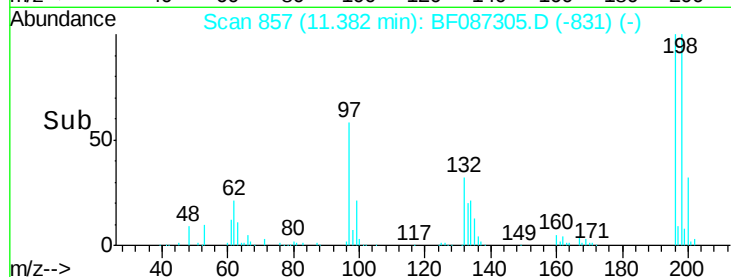
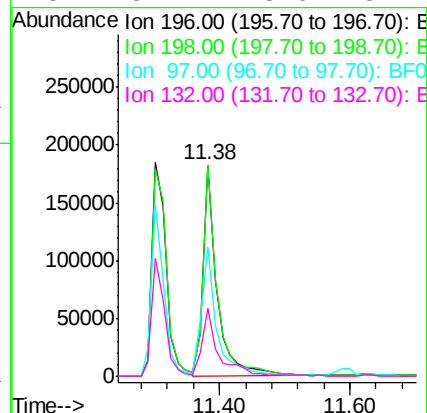
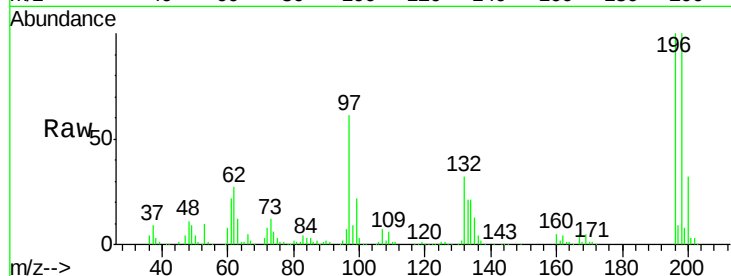




#43
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

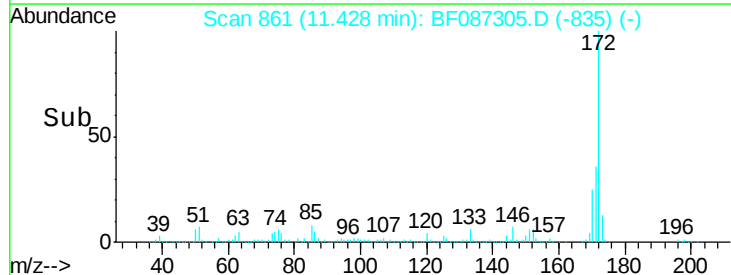
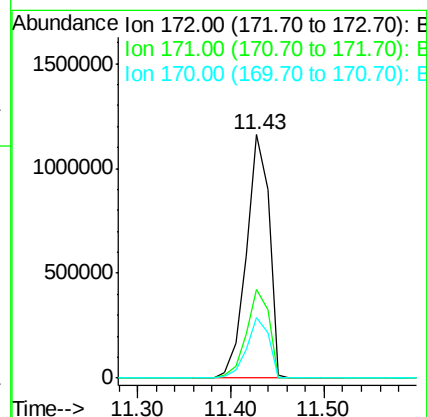
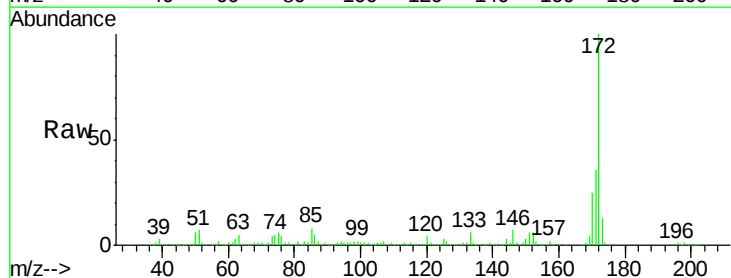
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

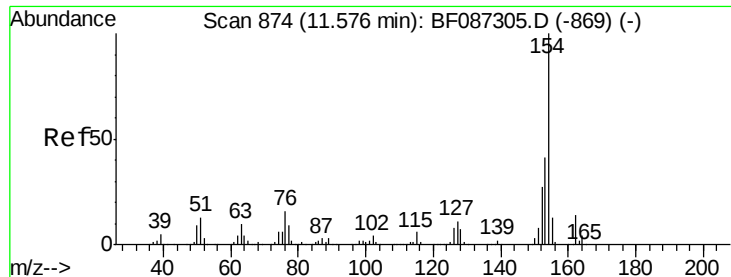
Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	77.5	116.3
97	61.2	34.8	52.2
132	32.2	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.8	29.8

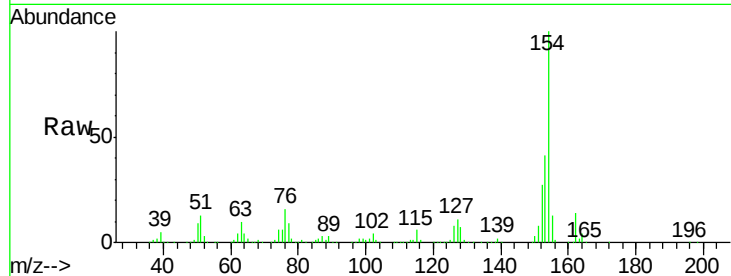




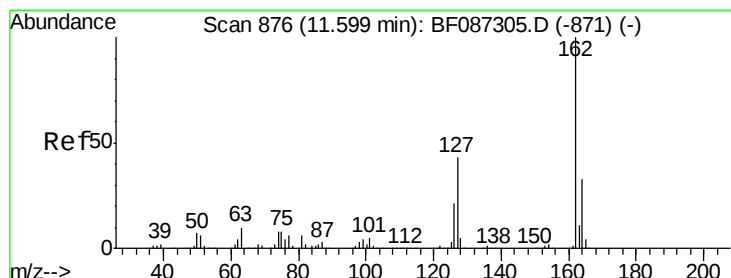
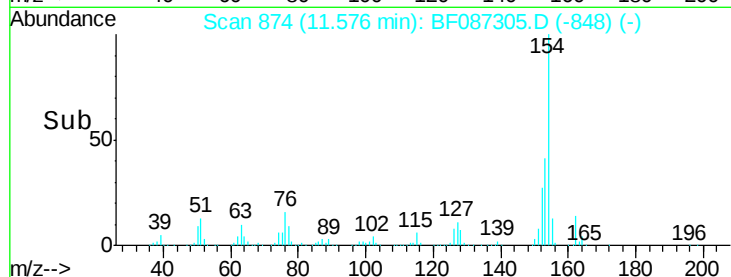
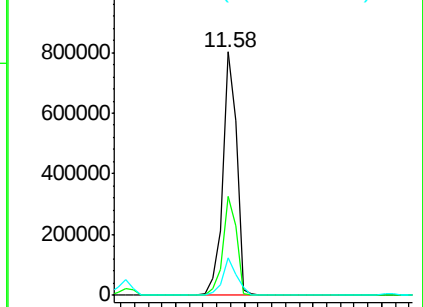
#45
 1,1'-Biphenyl
 Concen: 39.10 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:154 Resp: 1150952
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.3 60.3
 76 15.6 0.0 30.2

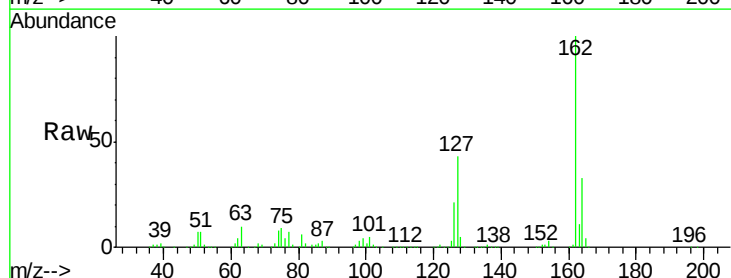


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

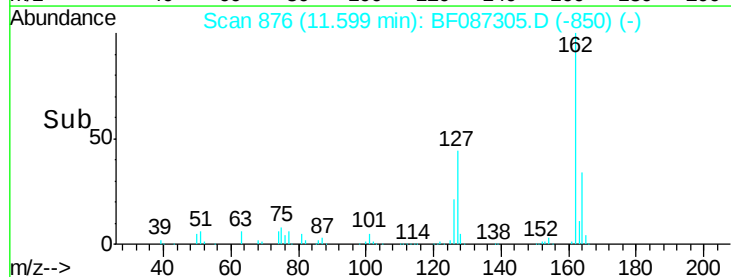
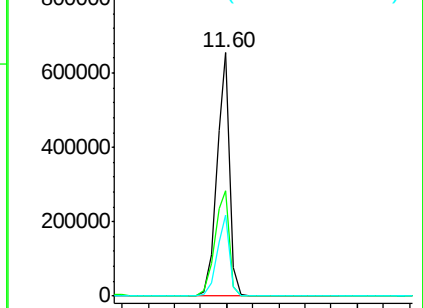


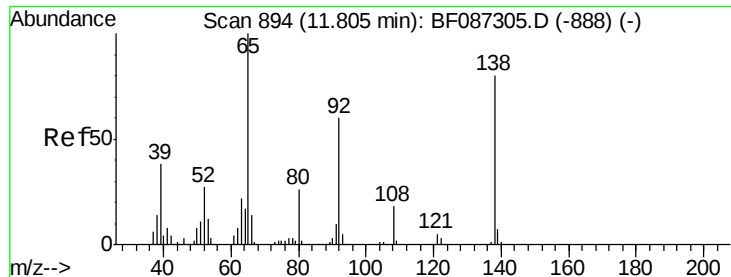
#46
 2-Chloronaphthalene
 Concen: 39.76 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion:162 Resp: 901361
 Ion Ratio Lower Upper
 162 100
 127 43.3 31.8 47.6
 164 33.4 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

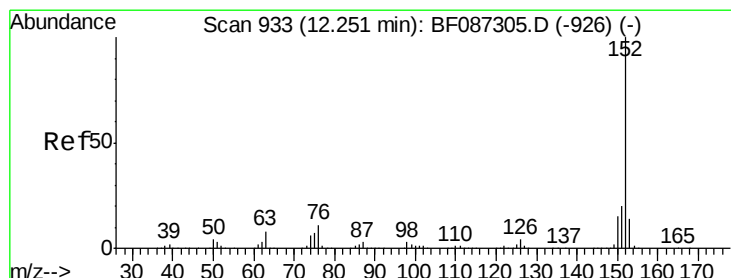
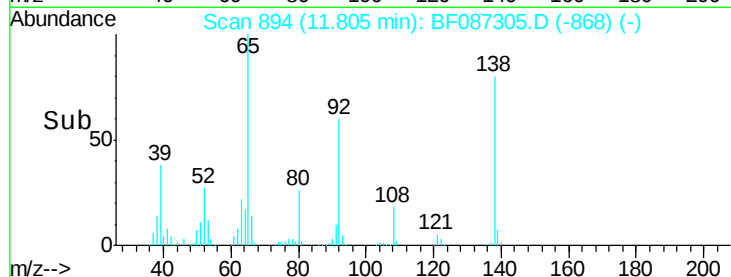
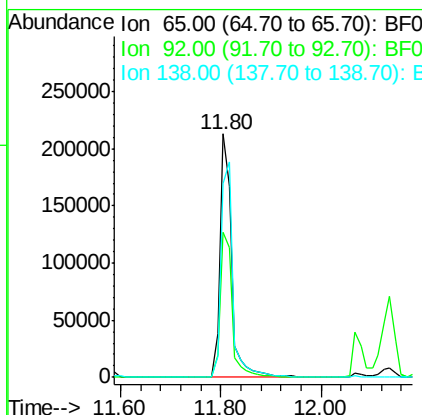
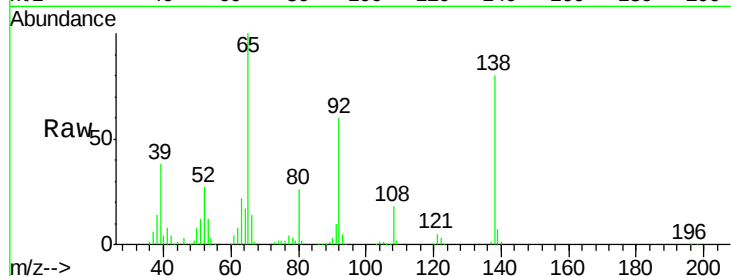




#47
2-Nitroaniline
Concen: 39.89 ng
RT: 11.80 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

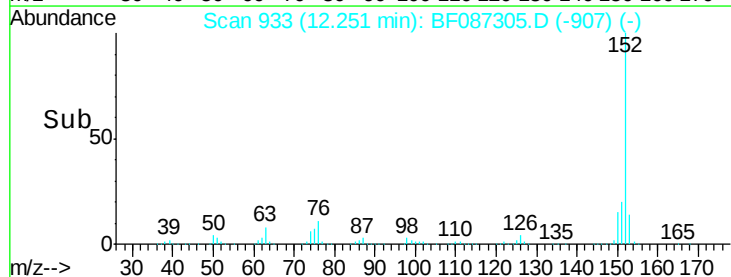
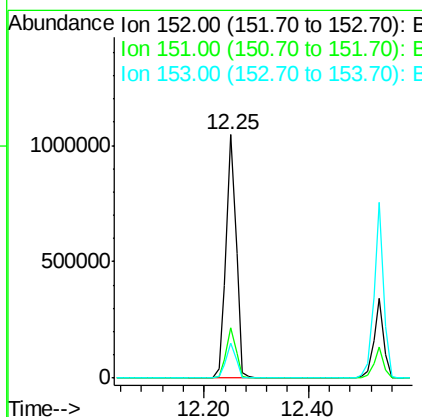
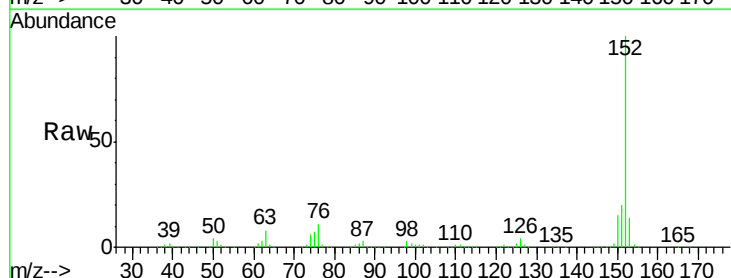
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

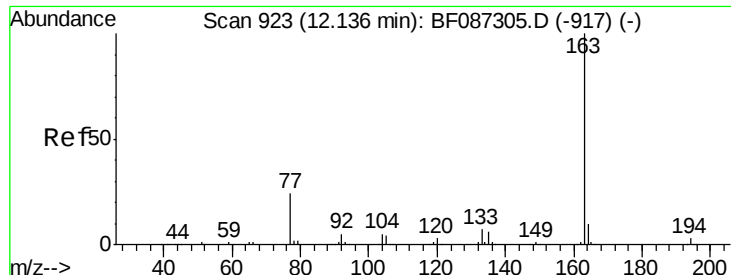
Tgt Ion: 65 Resp: 340881
Ion Ratio Lower Upper
65 100
92 59.5 57.4 86.2
138 79.8 90.1 135.1#



#48
Acenaphthylene
Concen: 40.84 ng
RT: 12.25 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion: 152 Resp: 1424825
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.3 10.9 16.3

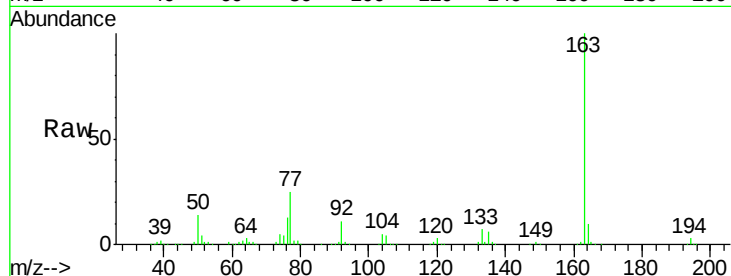




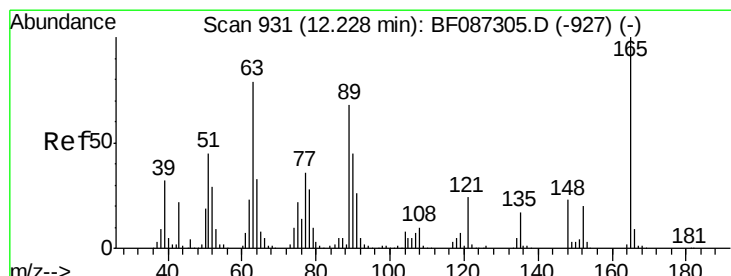
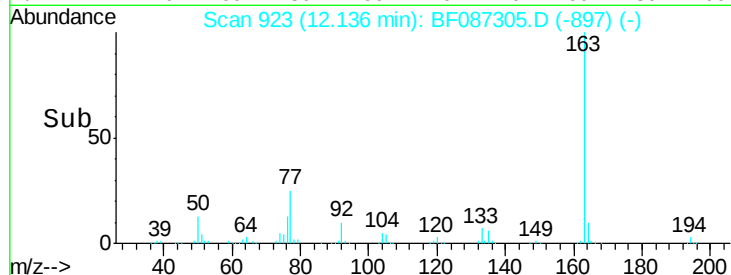
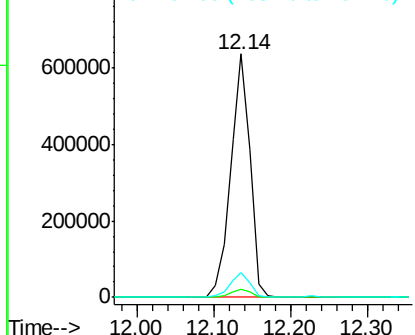
#49
Dimethylphthalate
Concen: 41.67 ng
RT: 12.14 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:163 Resp: 1132199
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.2 12.4

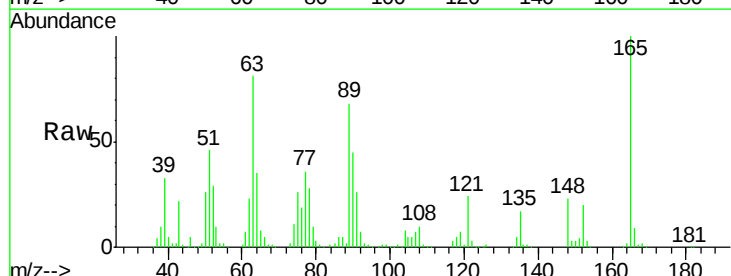


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

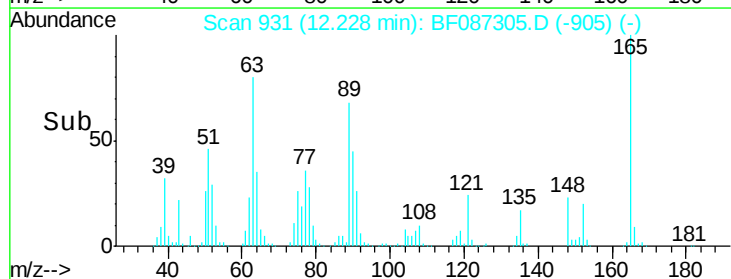
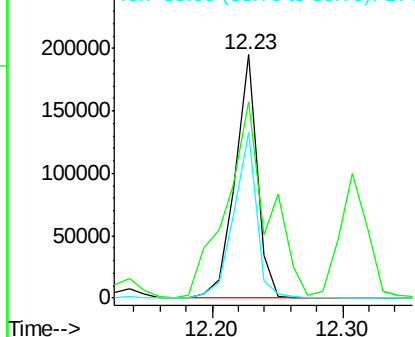


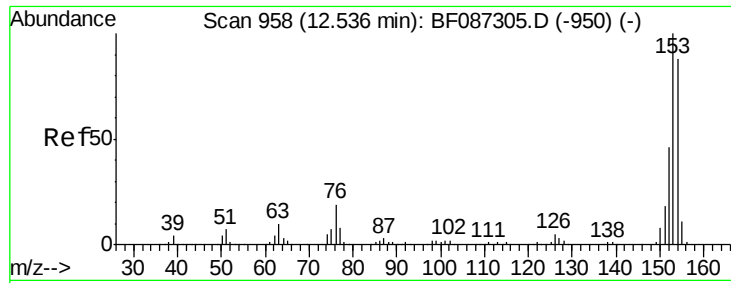
#50
2,6-Dinitrotoluene
Concen: 39.84 ng
RT: 12.23 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion:165 Resp: 229691
Ion Ratio Lower Upper
165 100
63 80.6 51.8 77.8#
89 68.1 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: 39.04 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

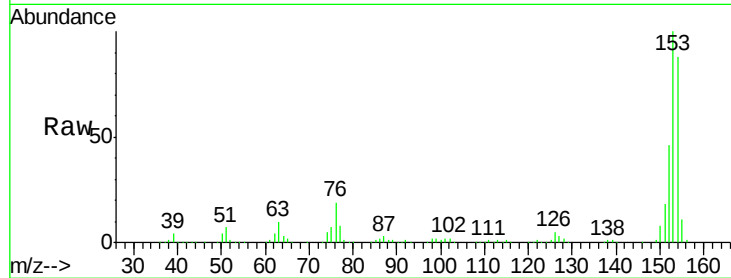
Tgt Ion:154 Resp: 849120

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

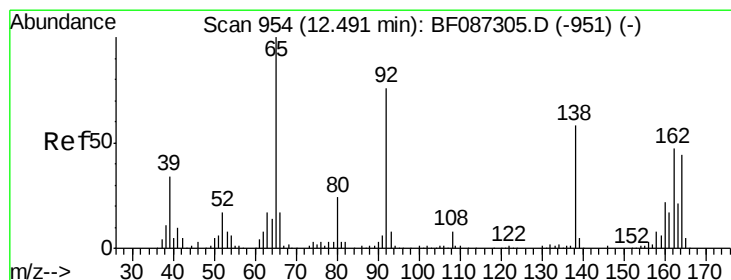
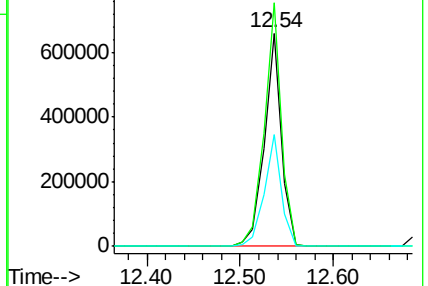
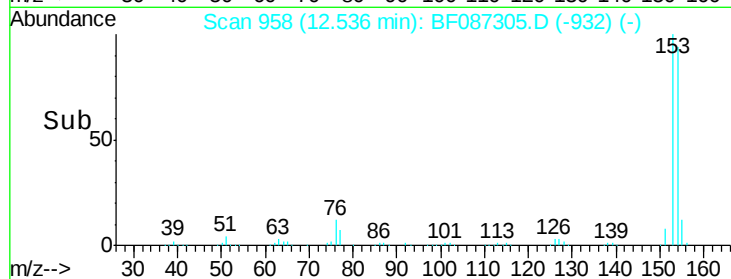
152 52.3 43.4 65.0



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: 38.32 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

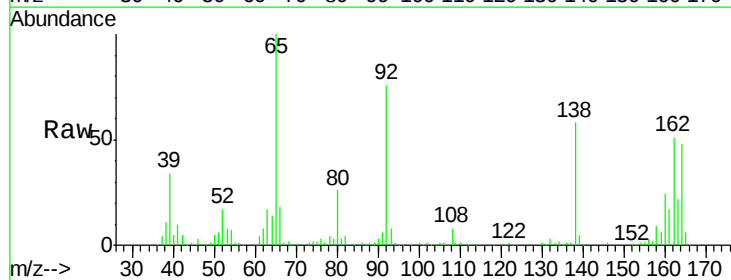
Tgt Ion:138 Resp: 239232

Ion Ratio Lower Upper

138 100

108 13.4 7.8 11.6#

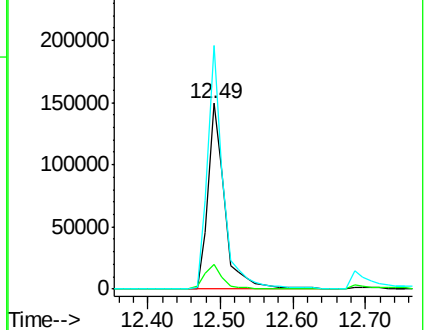
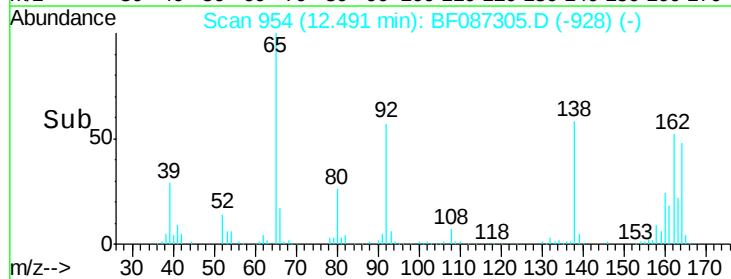
92 131.2 87.8 131.8

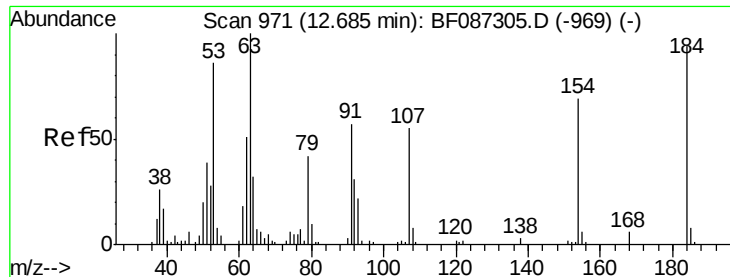


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

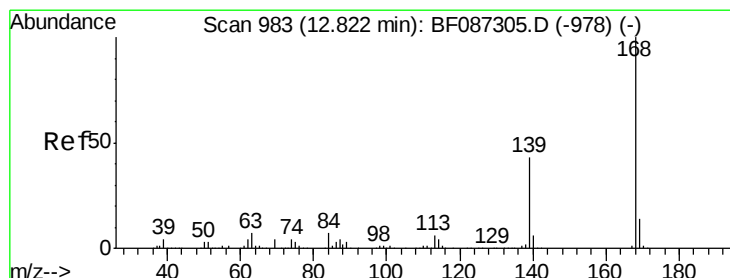
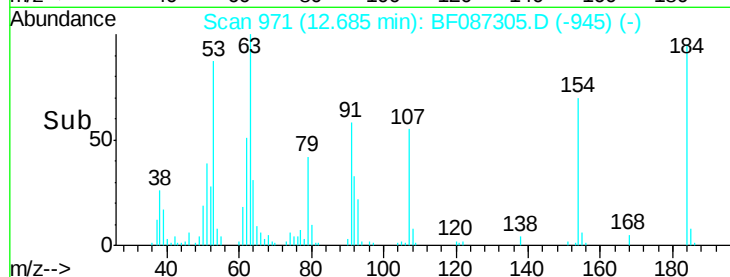
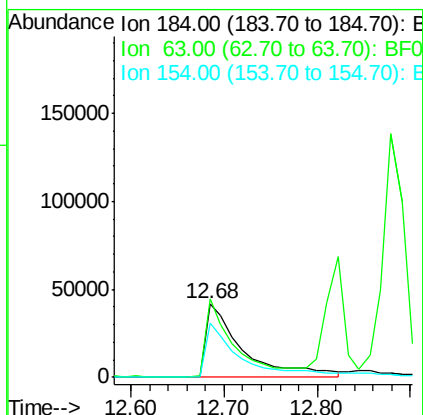
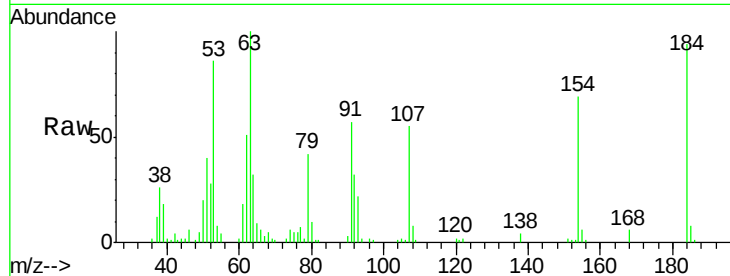




#53
2,4-Dinitrophenol
Concen: 40.23 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

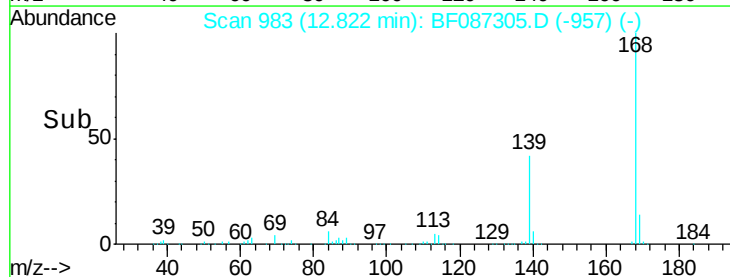
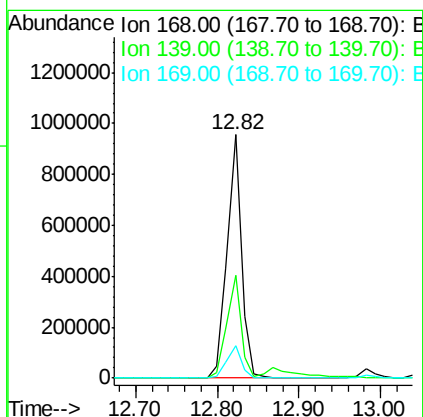
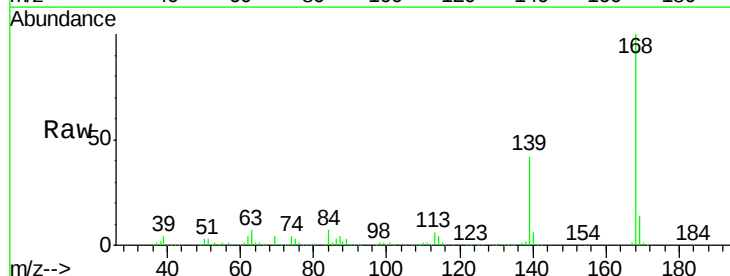
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

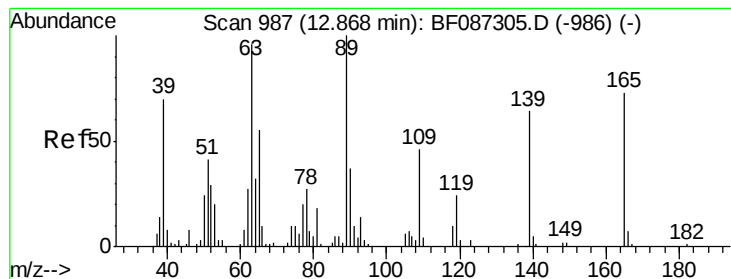
Tgt Ion:184 Resp: 114174
Ion Ratio Lower Upper
184 100
63 106.4 55.8 83.8#
154 73.8 62.4 93.6



#54
Dibenzofuran
Concen: 41.26 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion:168 Resp: 1167398
Ion Ratio Lower Upper
168 100
139 42.5 31.4 47.0
169 13.6 10.7 16.1





#55

4-Nitrophenol

Concen: 42.82 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

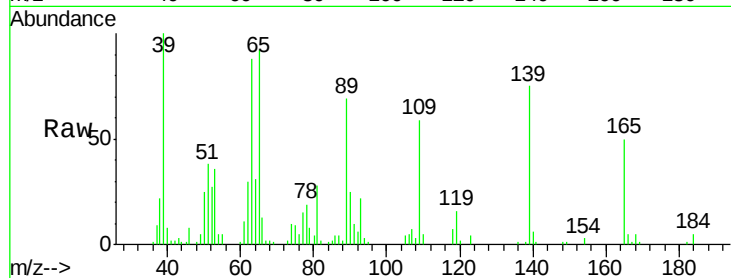
Tgt Ion:139 Resp: 114442

Ion Ratio Lower Upper

139 100

109 78.8 36.9 76.9#

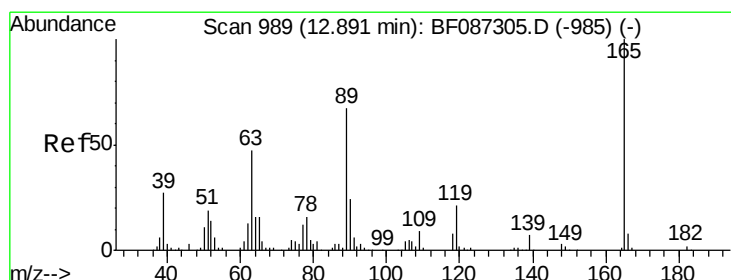
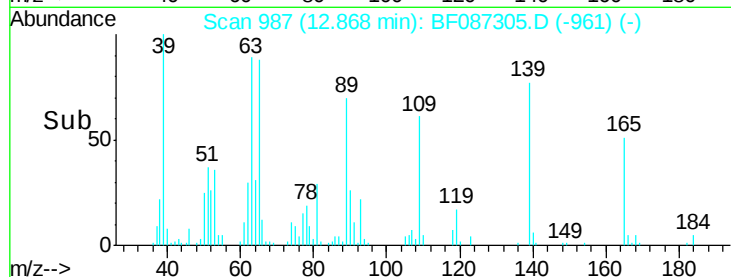
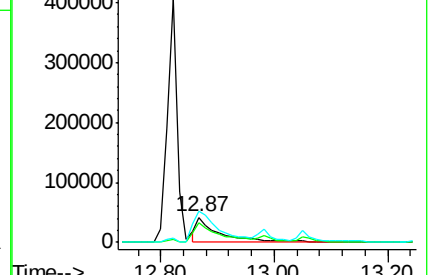
65 122.5 64.0 104.0#



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: 42.60 ng

RT: 12.89 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Tgt Ion:165 Resp: 319935

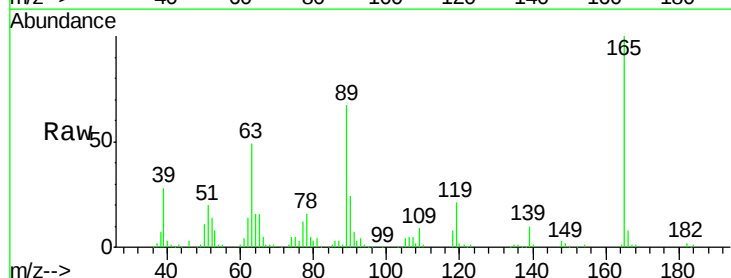
Ion Ratio Lower Upper

165 100

63 49.5 44.3 66.5

89 67.4 70.0 105.0#

182 2.5 1.8 2.6

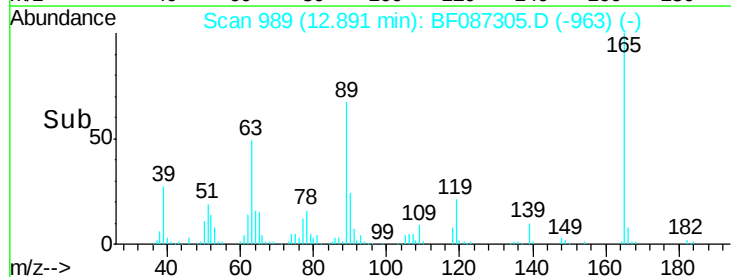
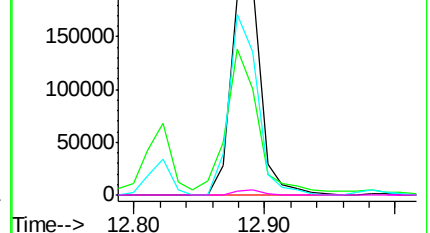


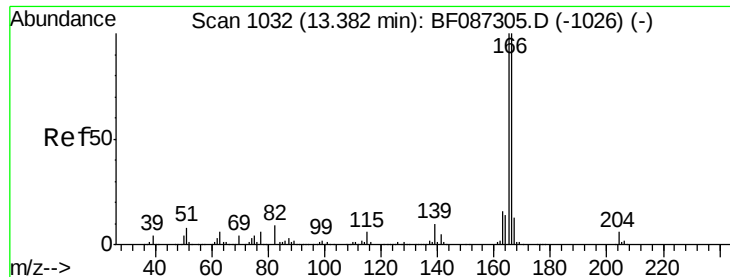
Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.27 ng

RT: 13.38 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

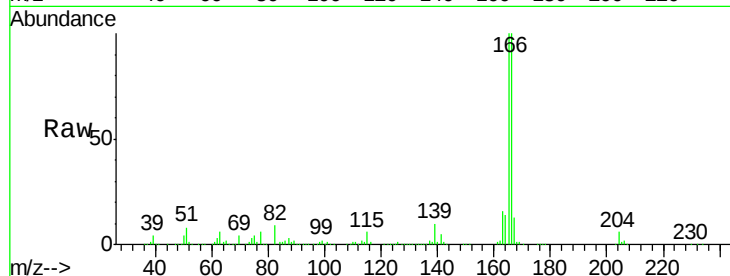
Tgt Ion:166 Resp: 1026463

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.6

167 13.1 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

800000

600000

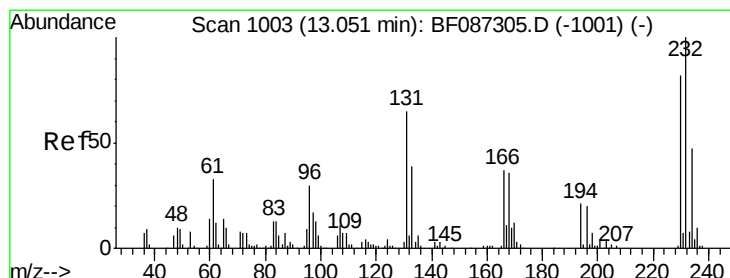
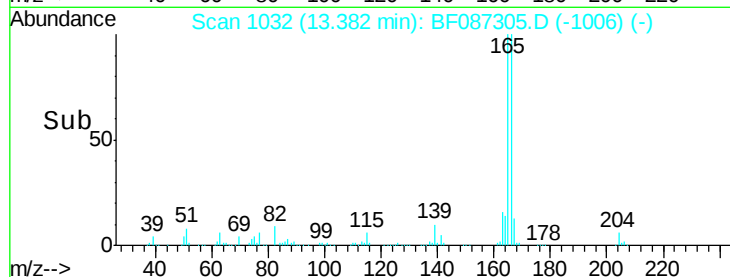
400000

200000

0

13.30 13.40 13.50

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.37 ng

RT: 13.05 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Tgt Ion:232 Resp: 217703

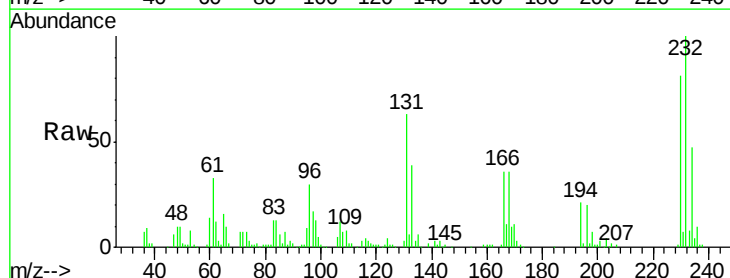
Ion Ratio Lower Upper

232 100

131 54.9 41.9 62.9

130 2.7 2.2 3.4

166 32.1 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

1000000

800000

600000

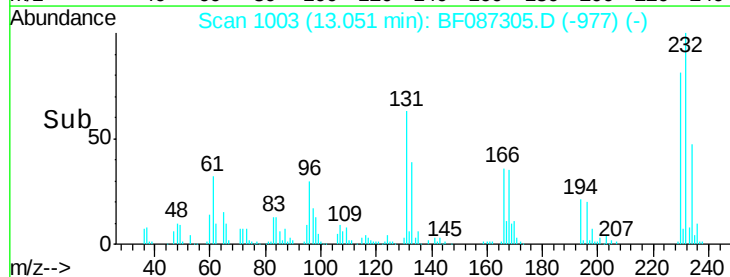
400000

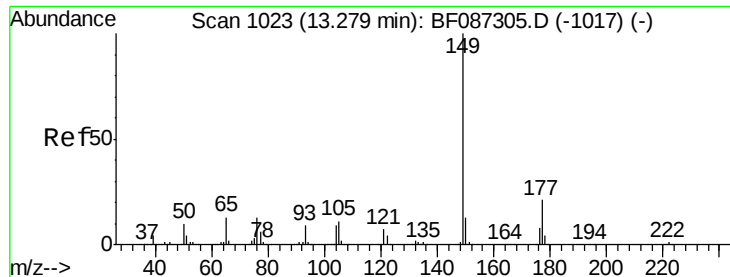
200000

0

13.00 13.20

Time-->

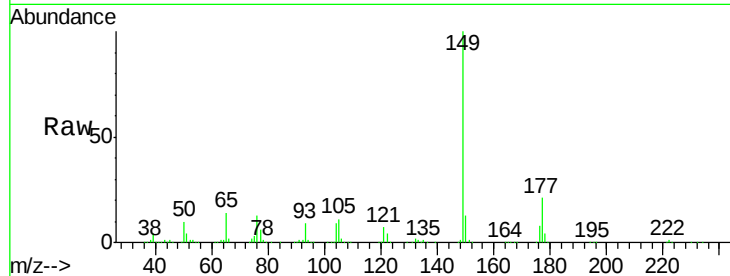




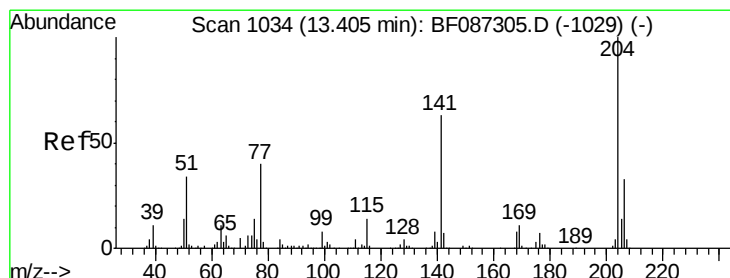
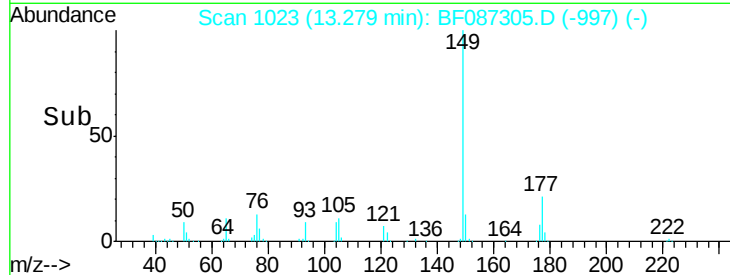
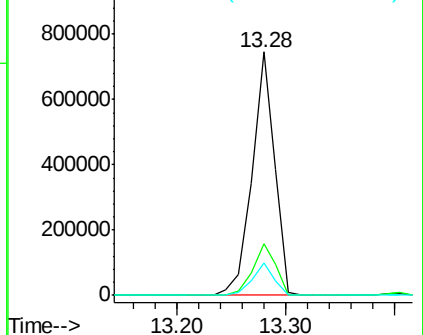
#59
Diethylphthalate
Concen: 42.04 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 1077697
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 13.1 10.0 15.0

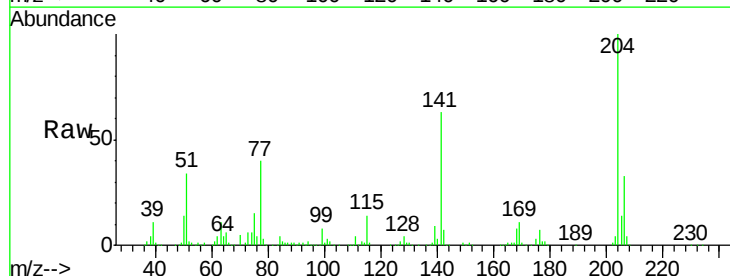


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

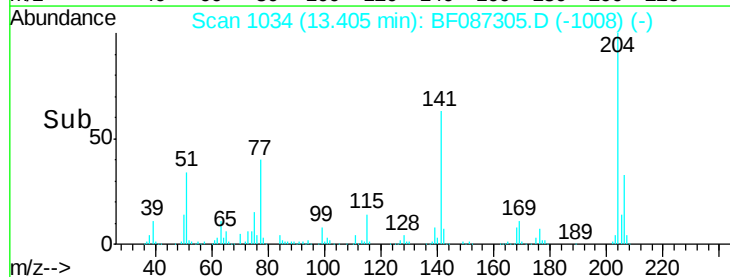
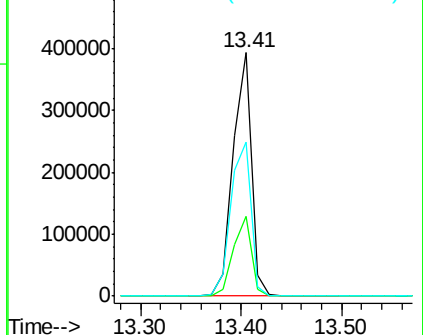


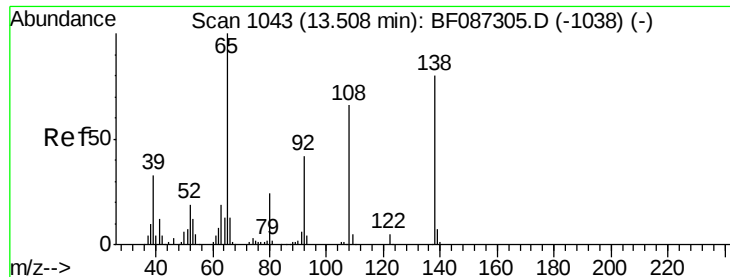
#60
4-Chlorophenyl-phenylether
Concen: 46.62 ng
RT: 13.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion:204 Resp: 500468
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 63.1 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: 39.96 ng

RT: 13.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

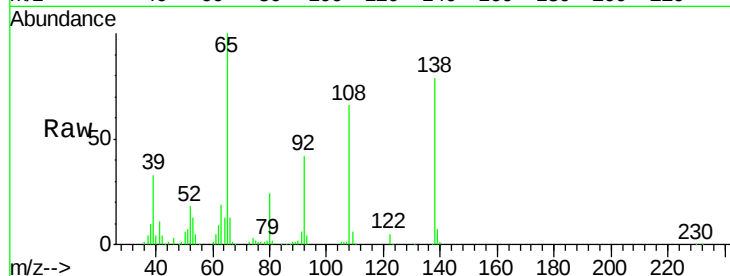
Tgt Ion:138 Resp: 243131

Ion Ratio Lower Upper

138 100

92 53.2 24.7 64.7

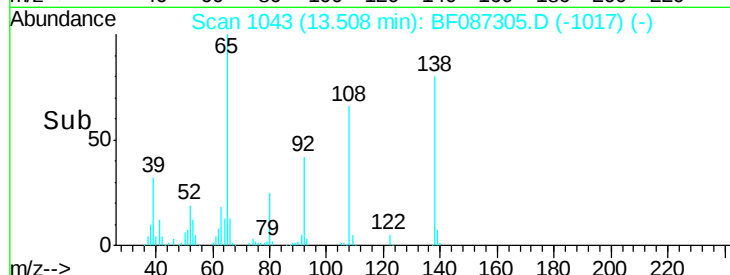
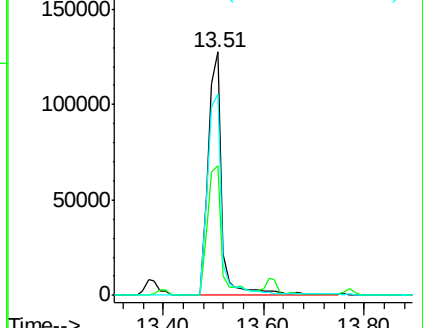
108 82.8 37.4 77.4#



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: 40.40 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Tgt Ion: 77 Resp: 1192820

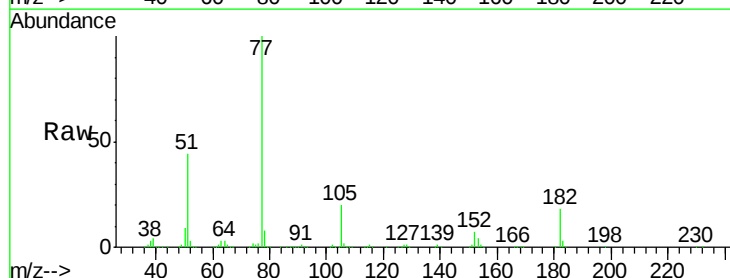
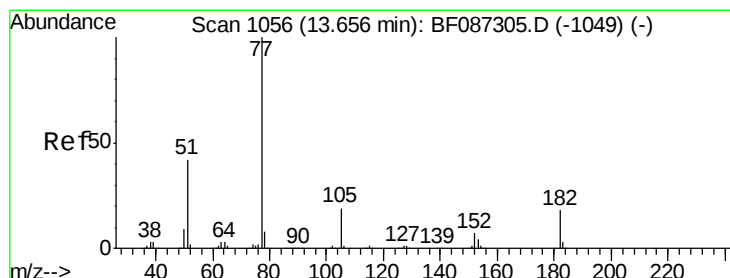
Ion Ratio Lower Upper

77 100

182 18.3 0.0 38.8

105 19.8 3.2 43.2

51 43.6 8.8 48.8

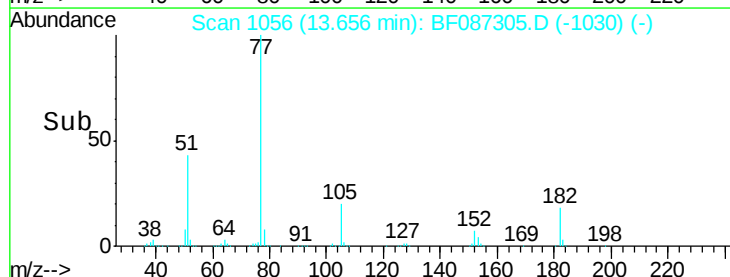
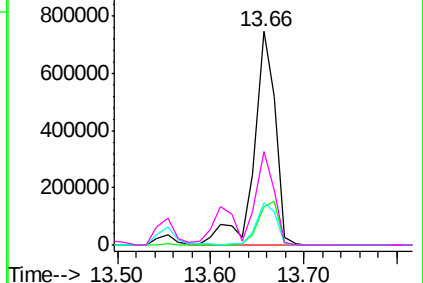


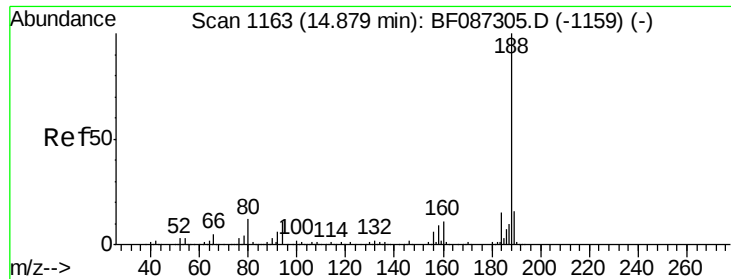
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

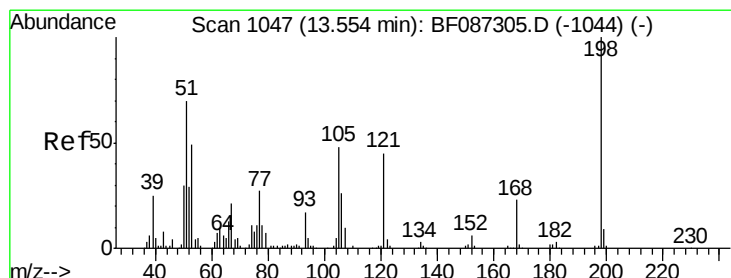
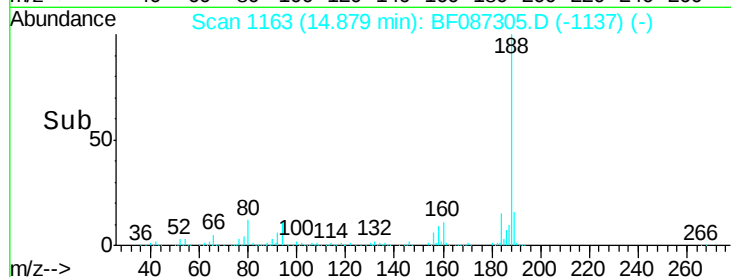
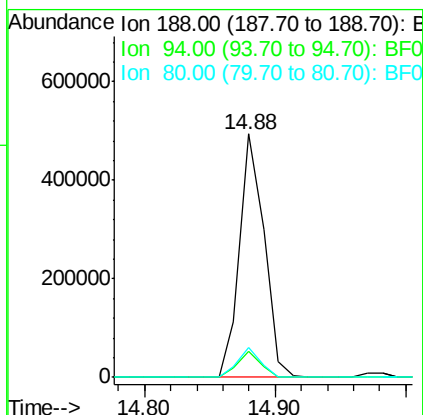
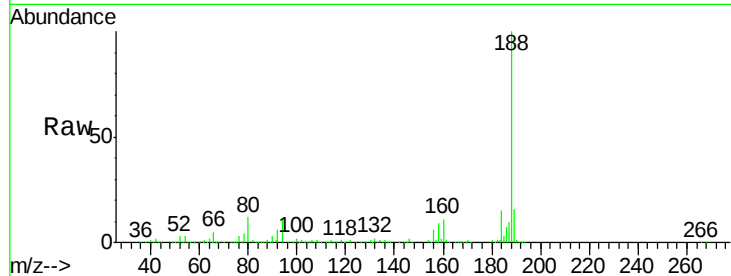




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

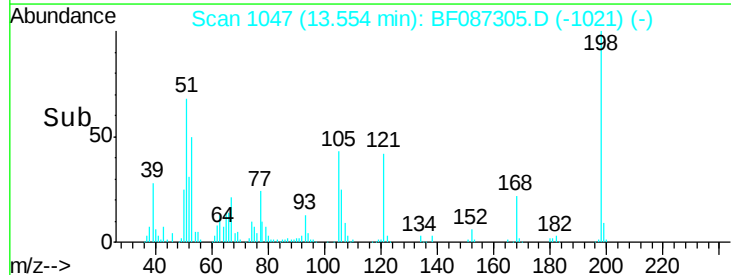
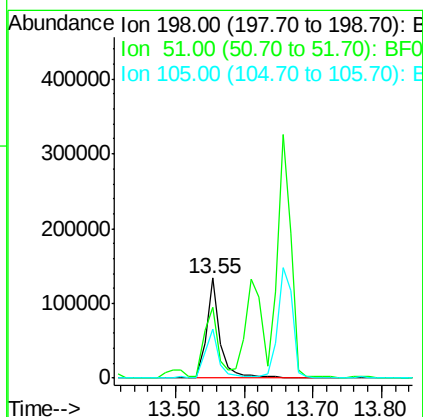
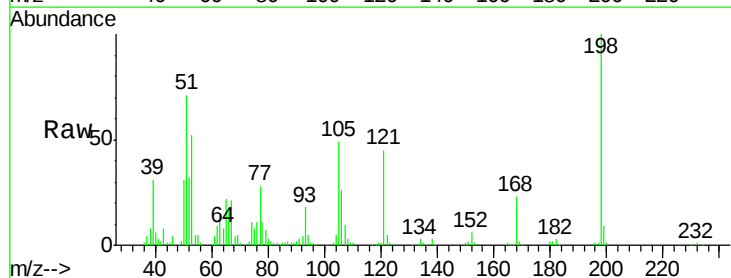
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

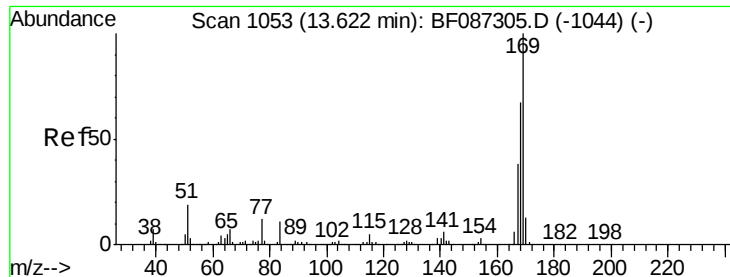
Tgt Ion:188 Resp: 648447
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 12.1 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.03 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion:198 Resp: 183649
Ion Ratio Lower Upper
198 100
51 71.0 20.5 60.5#
105 48.5 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 42.04 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

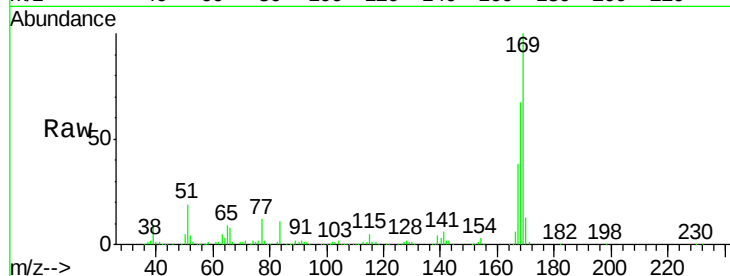
Tgt Ion:169 Resp: 858264

Ion Ratio Lower Upper

169 100

168 67.0 53.8 80.6

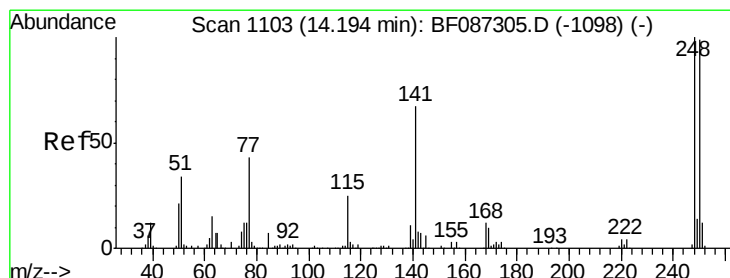
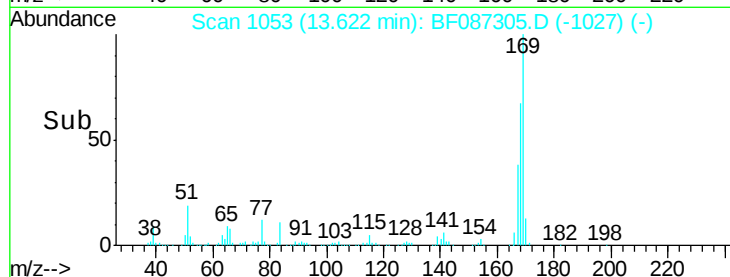
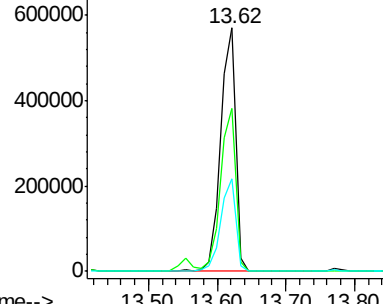
167 37.8 29.5 44.3



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: 42.26 ng

RT: 14.19 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

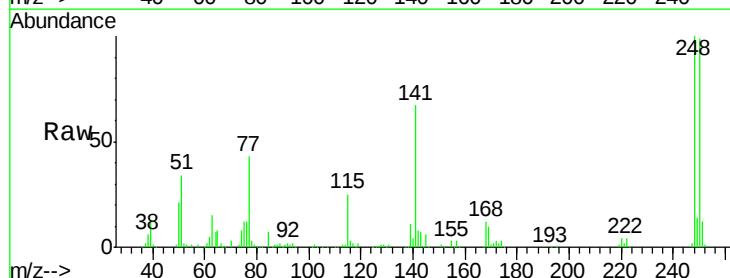
Tgt Ion:248 Resp: 288487

Ion Ratio Lower Upper

248 100

250 99.4 78.6 117.8

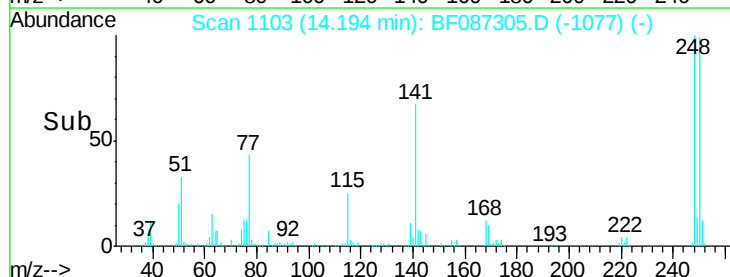
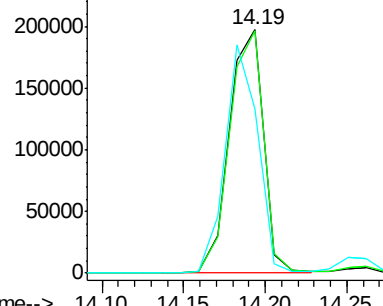
141 67.2 76.0 114.0#

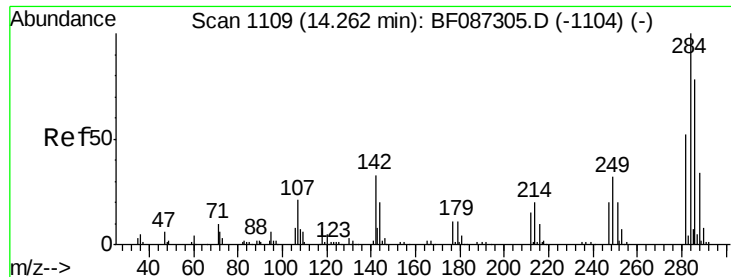


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

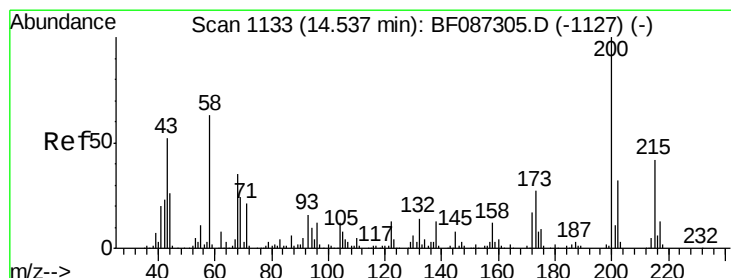
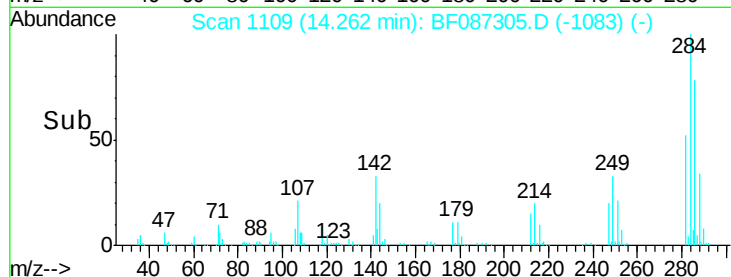
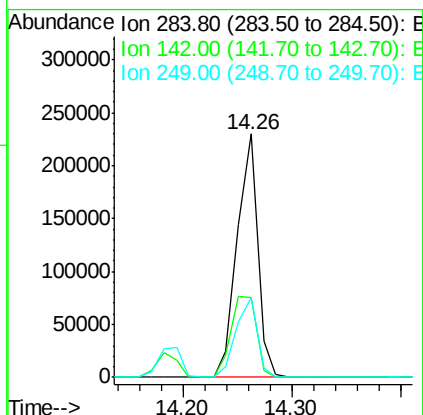
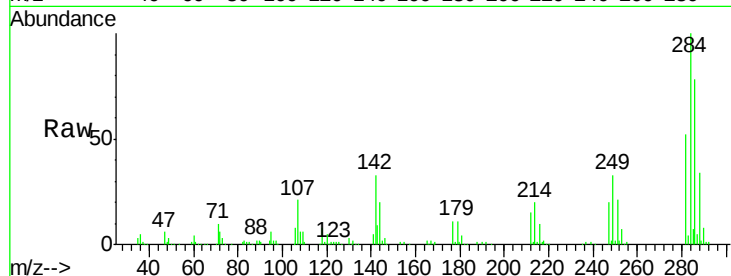




#67
Hexachlorobenzene
Concen: 39.46 ng
RT: 14.26 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

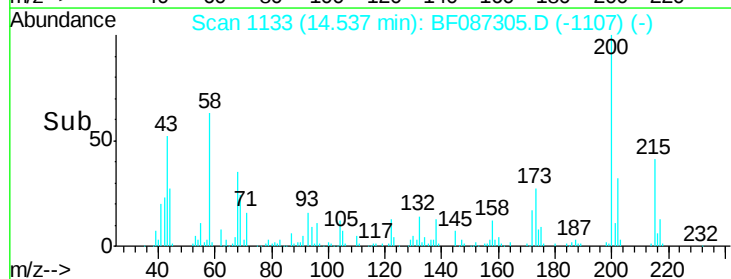
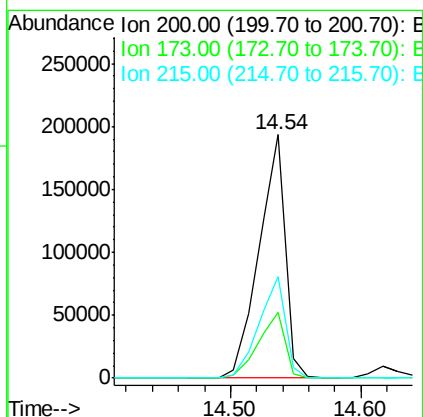
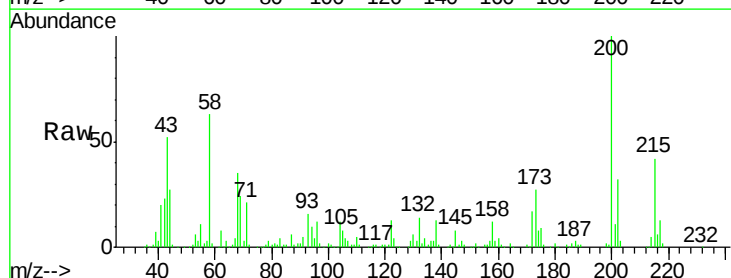
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

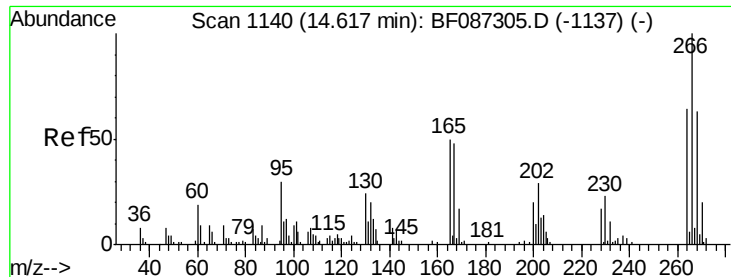
Tgt Ion:284 Resp: 301057
Ion Ratio Lower Upper
284 100
142 33.0 16.7 25.1#
249 32.9 21.3 31.9#



#68
Atrazine
Concen: 41.08 ng
RT: 14.54 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion:200 Resp: 272895
Ion Ratio Lower Upper
200 100
173 27.1 8.5 48.5
215 41.8 27.2 67.2

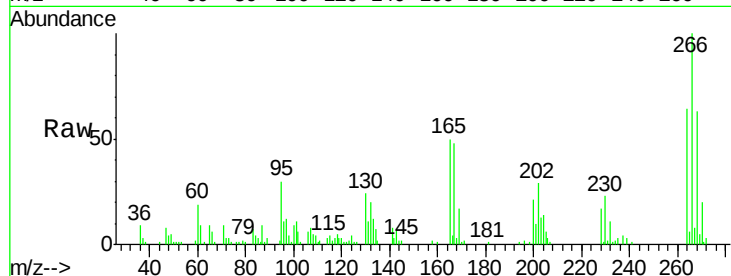




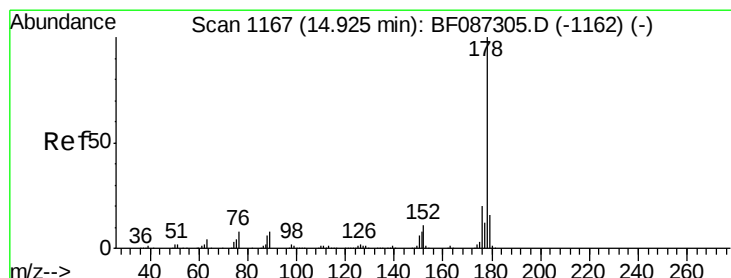
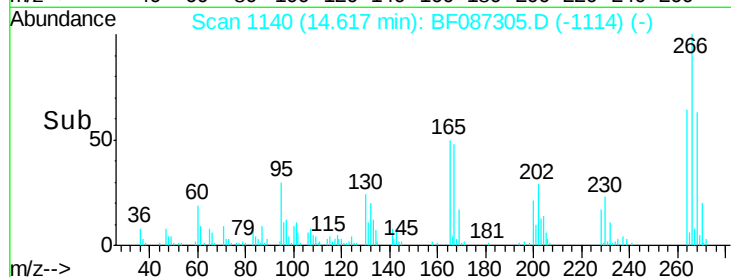
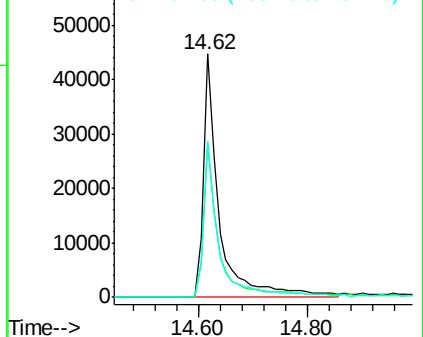
#69
 Pentachlorophenol
 Concen: 33.02 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:266 Resp: 90617
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 64.5 52.9 79.3

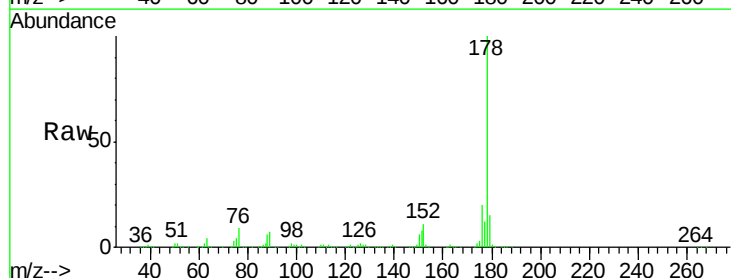


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

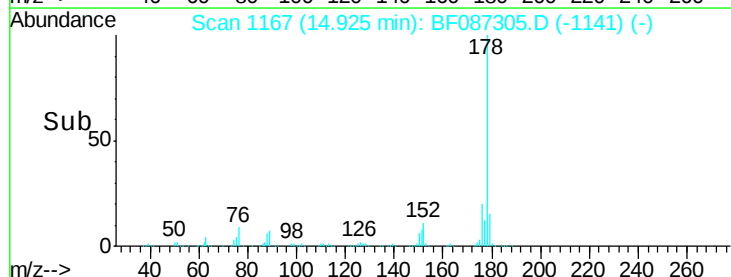
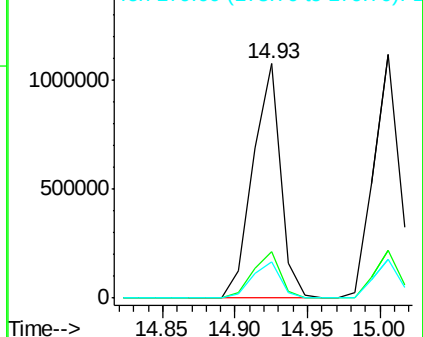


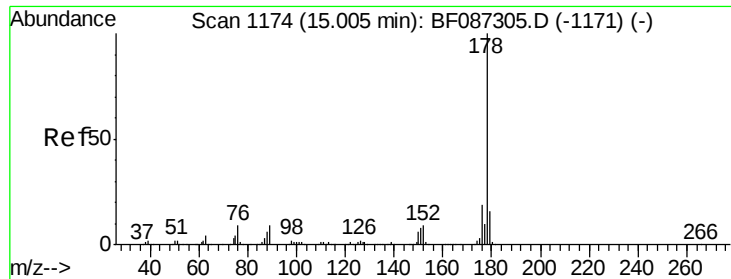
#70
 Phenanthrene
 Concen: 40.64 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion:178 Resp: 1423922
 Ion Ratio Lower Upper
 178 100
 176 20.0 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

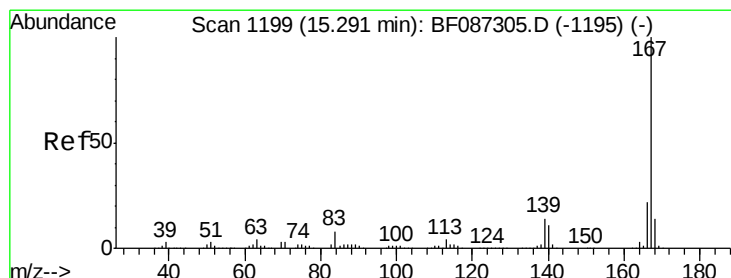
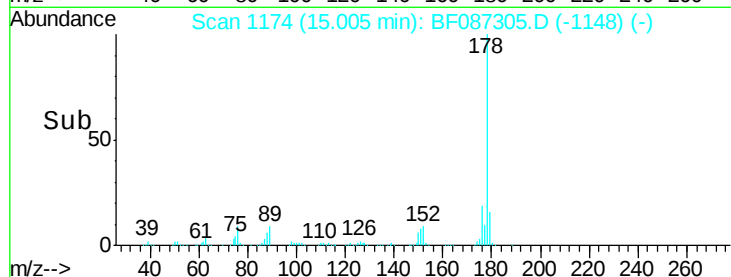
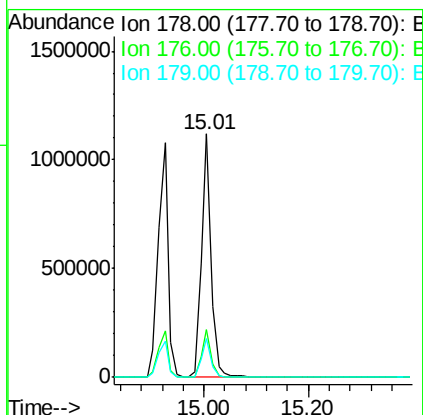
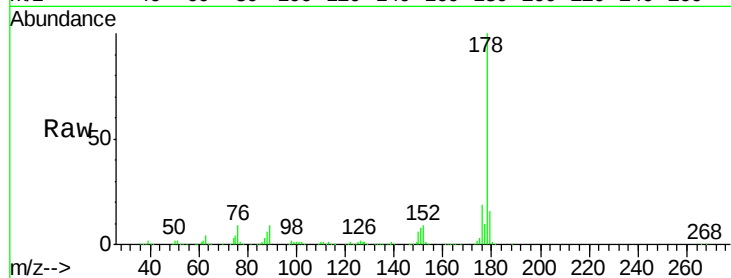




#71
 Anthracene
 Concen: 39.73 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

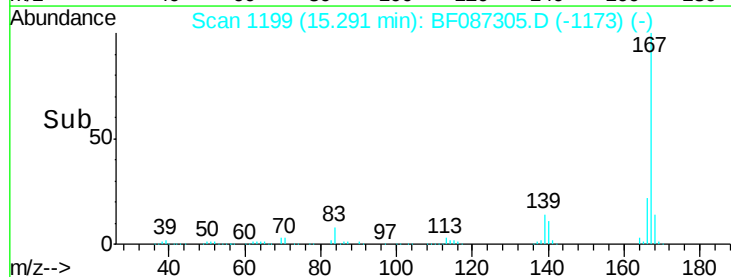
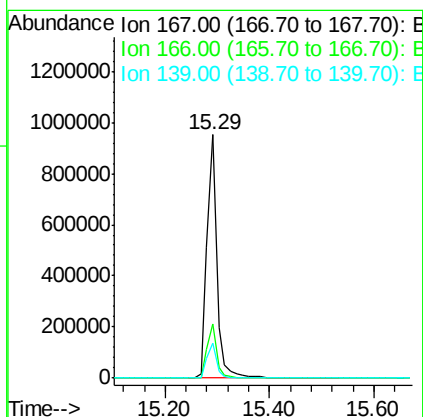
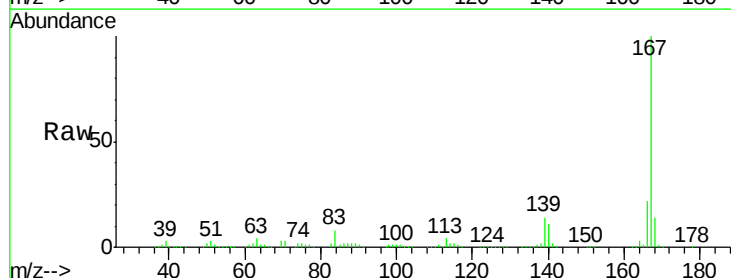
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

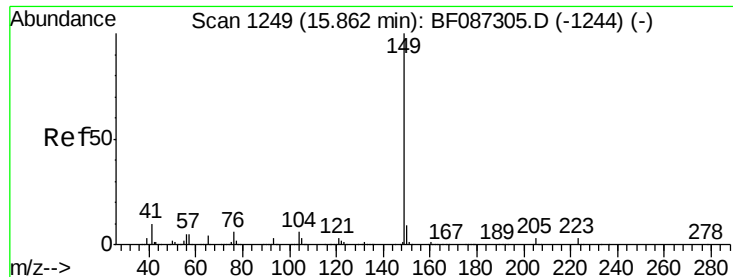
Tgt Ion:178 Resp: 1438976
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 38.89 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion:167 Resp: 1250653
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 44.72 ng

RT: 15.86 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

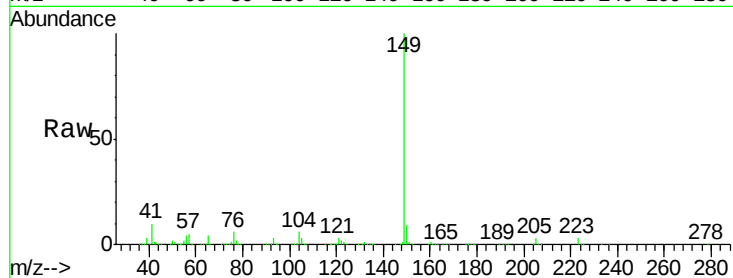
Tgt Ion:149 Resp: 1684532

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

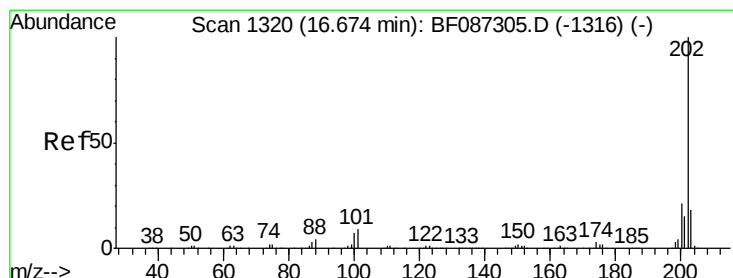
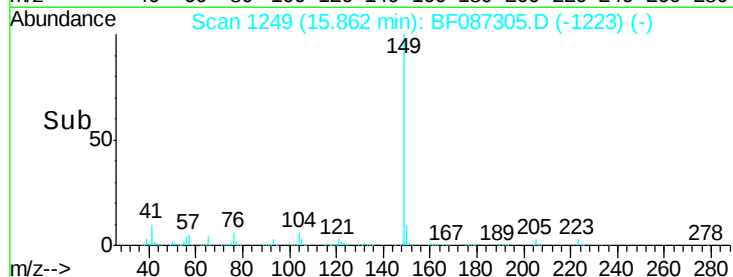
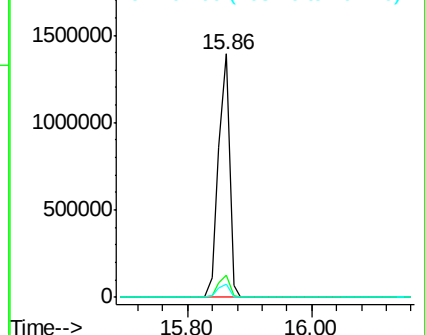
104 5.6 3.8 5.6



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: 41.39 ng

RT: 16.67 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

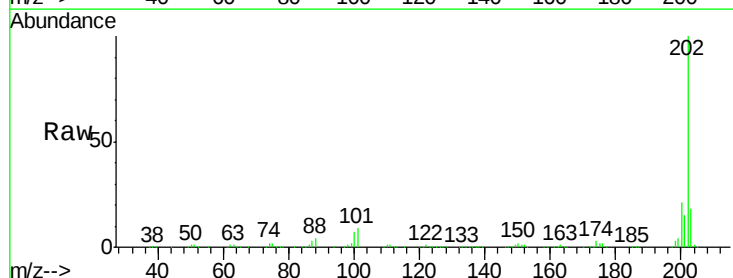
Tgt Ion:202 Resp: 1473053

Ion Ratio Lower Upper

202 100

101 9.0 0.0 35.4

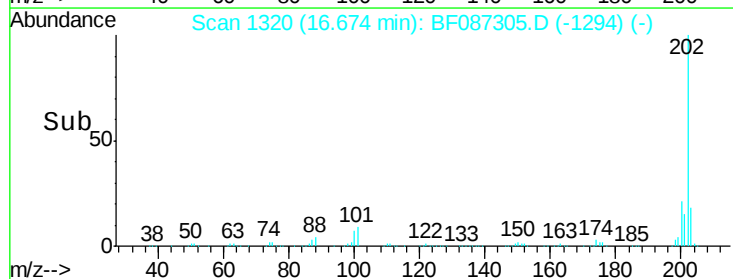
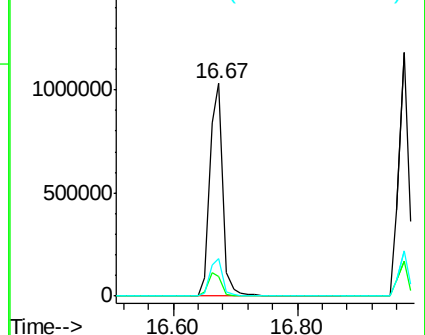
203 17.7 0.0 38.1

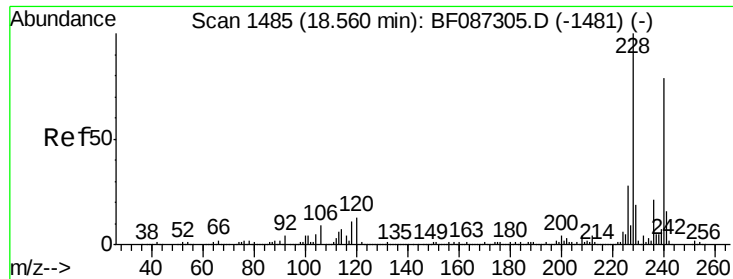


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

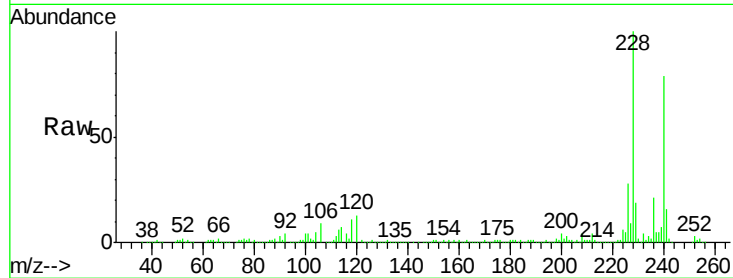
Tgt Ion:240 Resp: 483787

Ion Ratio Lower Upper

240 100

120 15.8 11.2 16.8

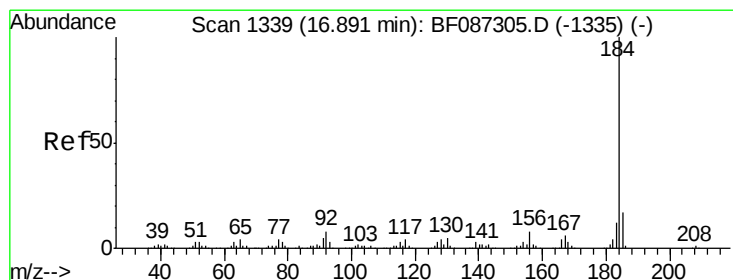
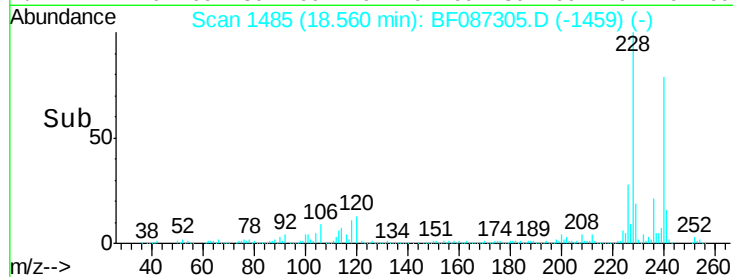
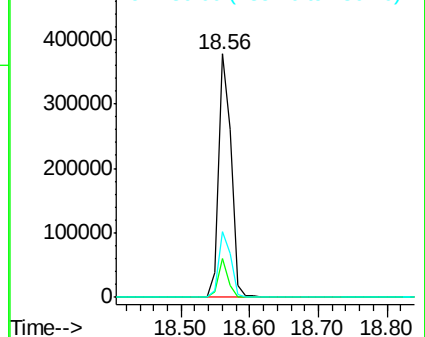
236 27.0 21.2 31.8



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: 43.08 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

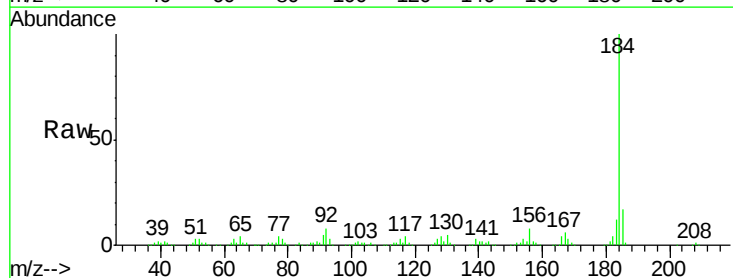
Tgt Ion:184 Resp: 548877

Ion Ratio Lower Upper

184 100

185 16.7 13.6 20.4

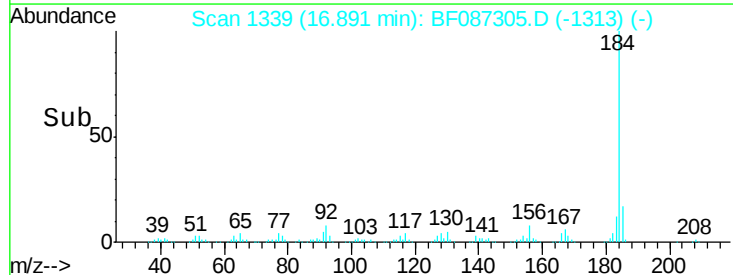
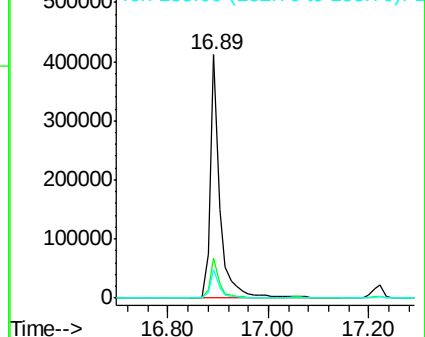
183 11.9 9.8 14.6

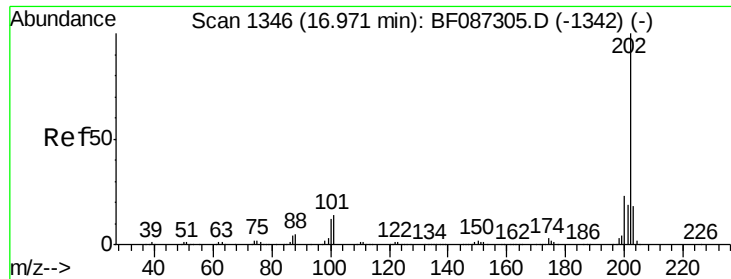


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

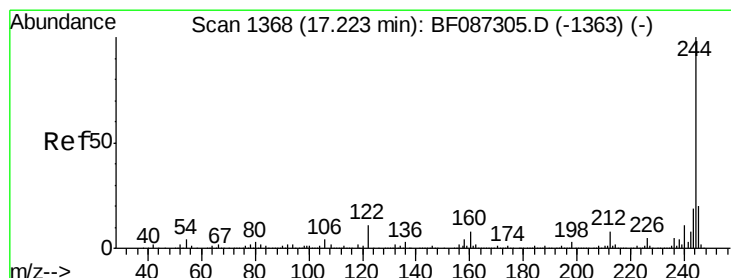
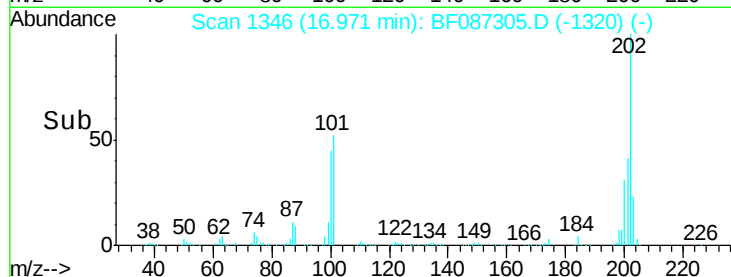
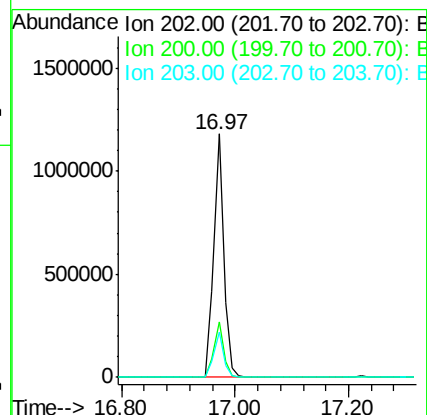
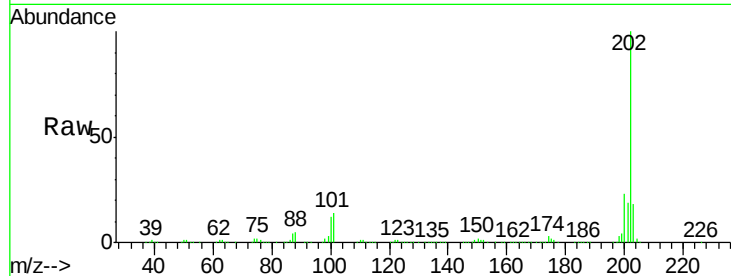




#77
 Pyrene
 Concen: 40.20 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

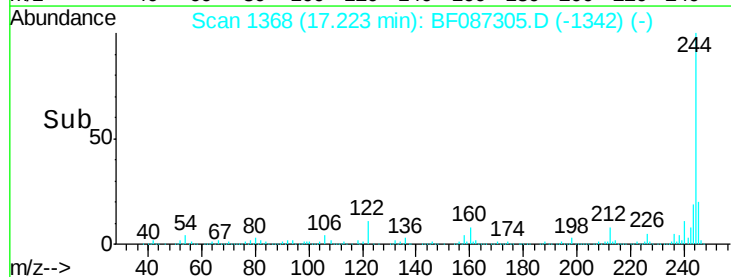
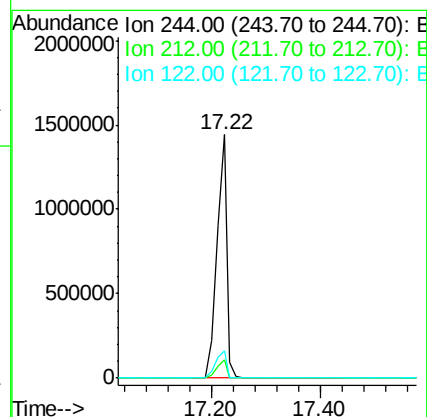
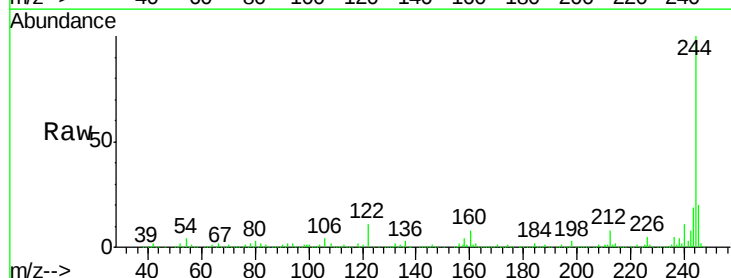
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

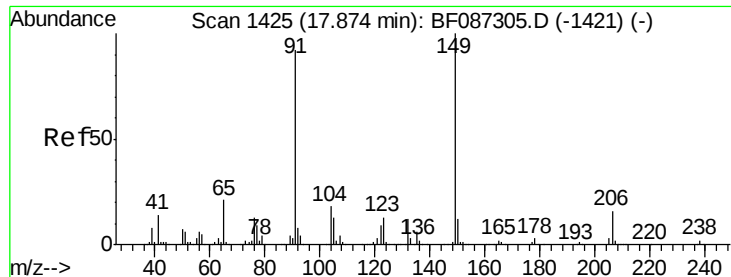
Tgt Ion: 202 Resp: 1401580
 Ion Ratio Lower Upper
 202 100
 200 22.7 17.7 26.5
 203 18.4 14.2 21.4



#78
 Terphenyl-d14
 Concen: 84.26 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion: 244 Resp: 1852056
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.2 12.0 18.0#

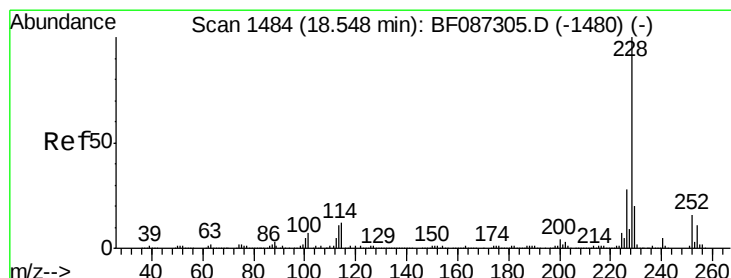
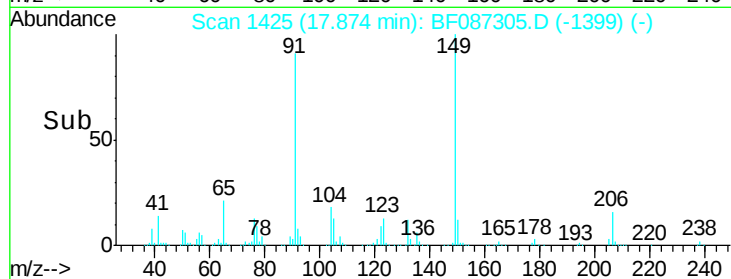
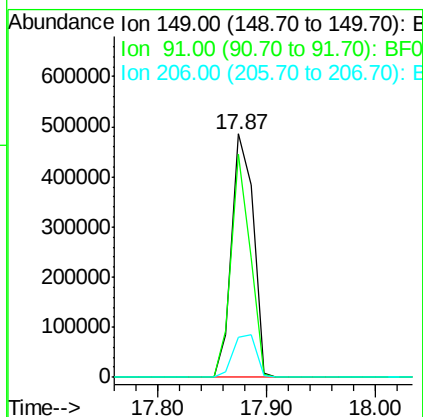
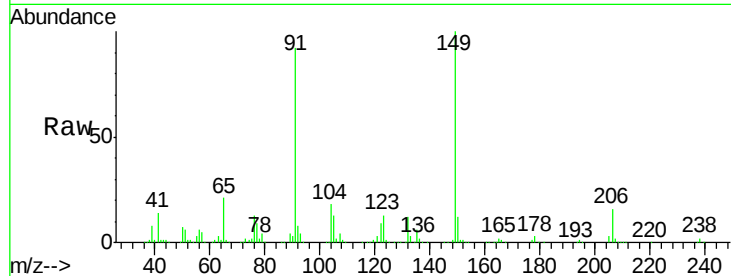




#79
Butylbenzylphthalate
Concen: 44.87 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

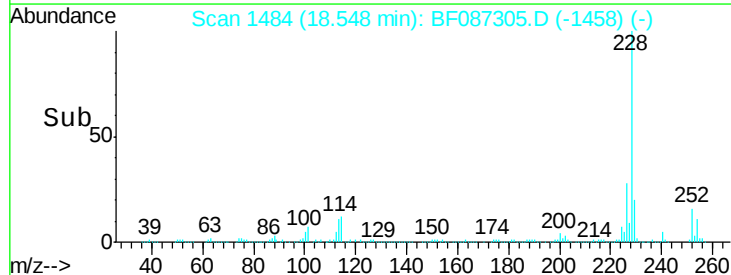
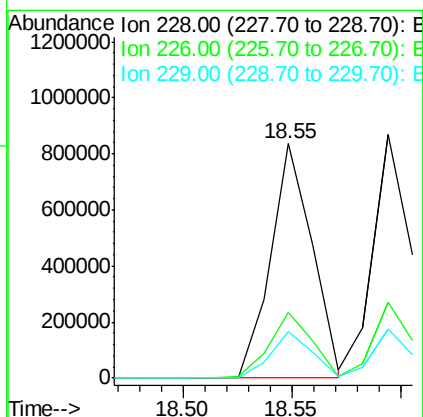
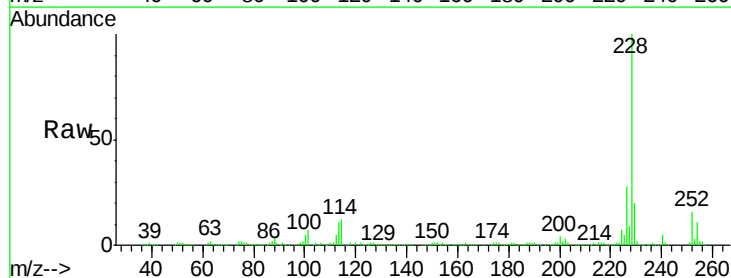
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

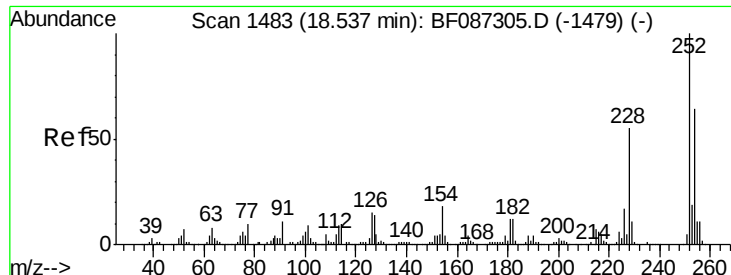
Tgt Ion:149 Resp: 664426
Ion Ratio Lower Upper
149 100
91 91.5 48.0 72.0#
206 16.5 15.8 23.6



#80
Benzo(a)anthracene
Concen: 39.53 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087305.D
Acq: 23 May 2016 17:42

Tgt Ion:228 Resp: 1113389
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.0 16.6 25.0

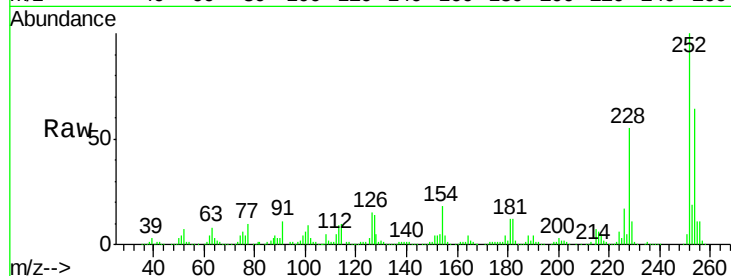




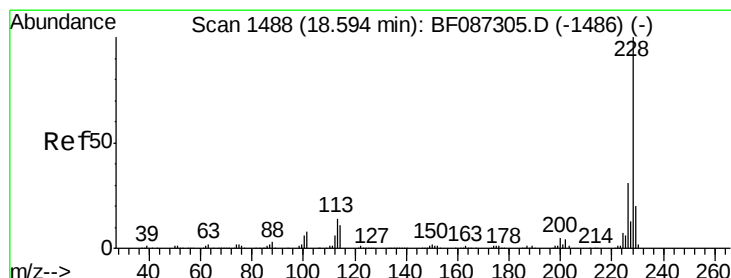
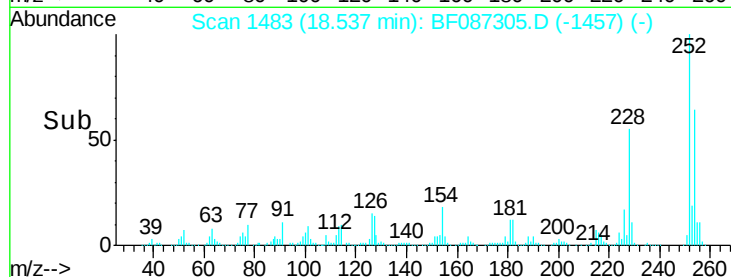
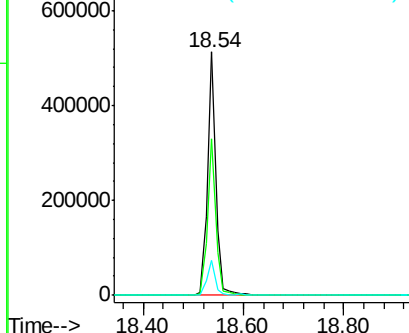
#81
 3,3'-Dichlorobenzidine
 Concen: 34.02 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion: 252 Resp: 594178
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 14.6 12.7 19.1

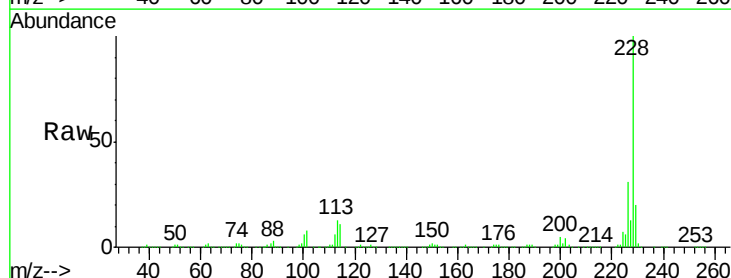


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

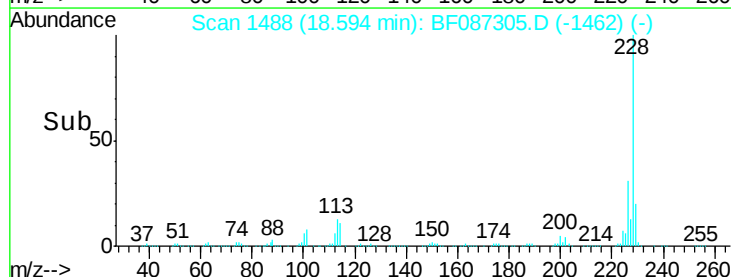
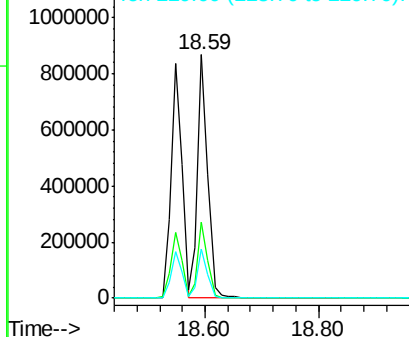


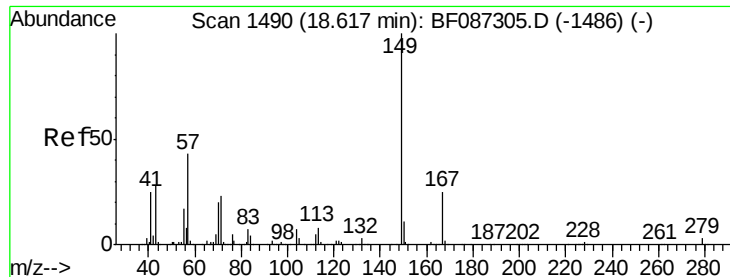
#82
 Chrysene
 Concen: 39.46 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion: 228 Resp: 1068447
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.1 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

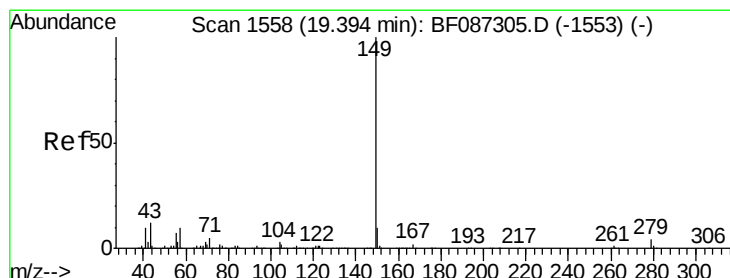
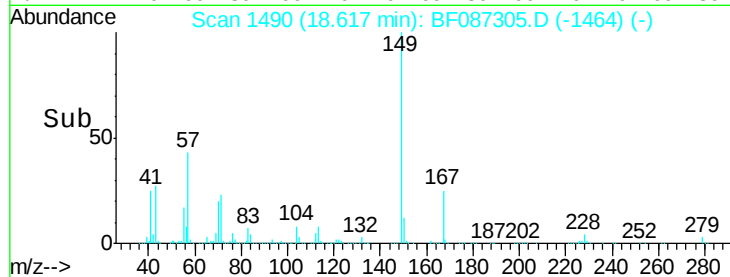
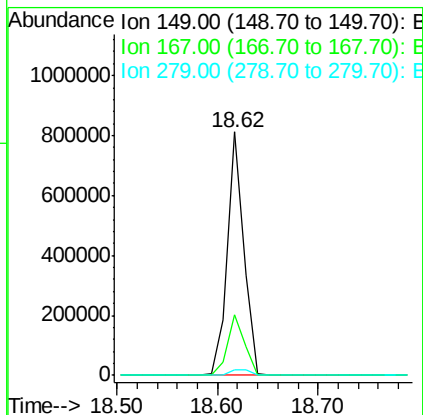
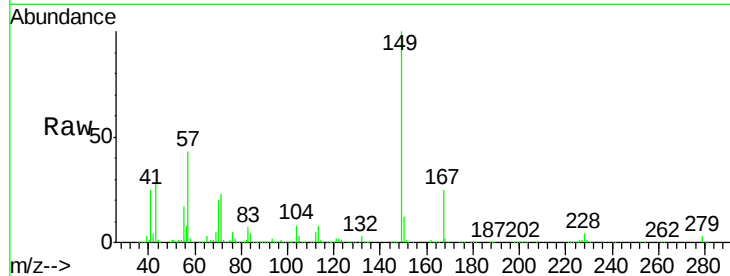




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.65 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

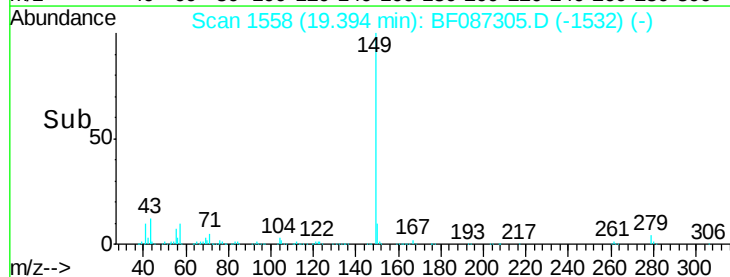
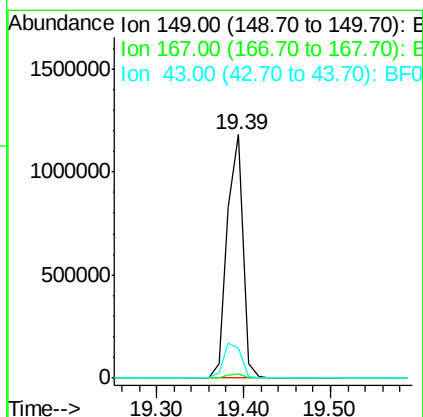
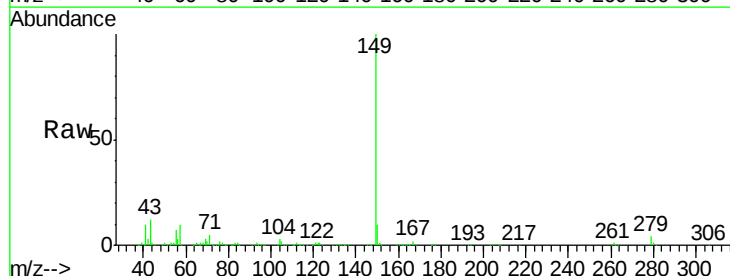
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

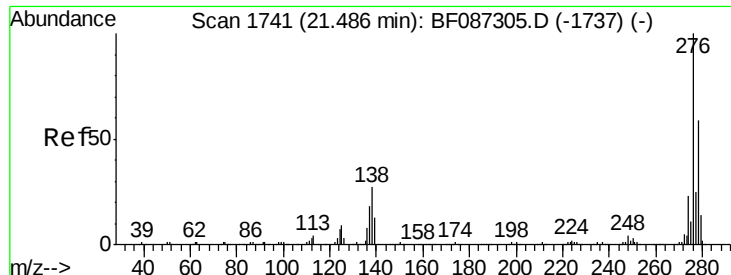
Tgt Ion:149 Resp: 925880
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.8 32.6
 279 2.5 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 46.51 ng
 RT: 19.39 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion:149 Resp: 1487189
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 16.3 8.2 12.4#

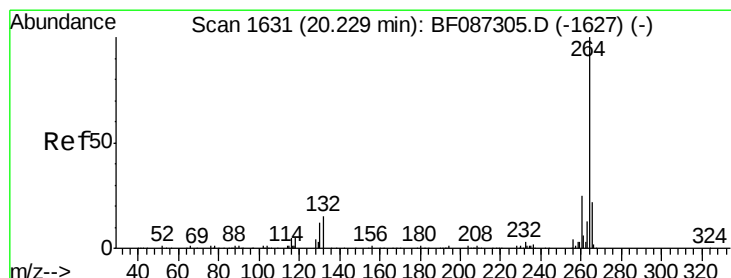
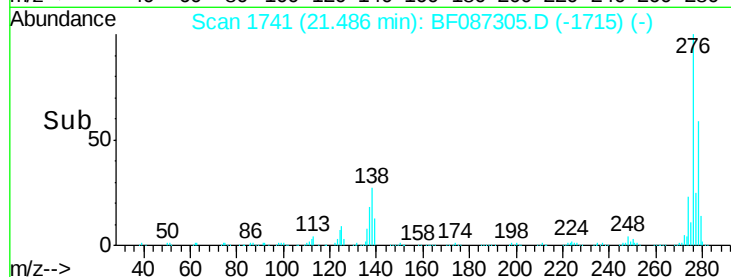
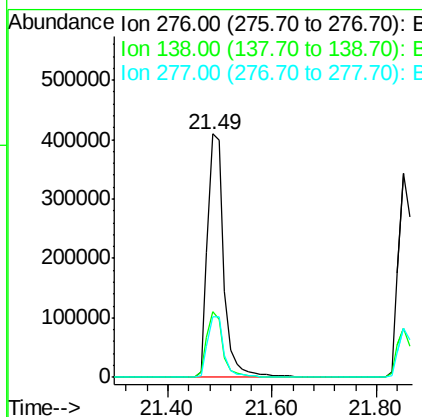
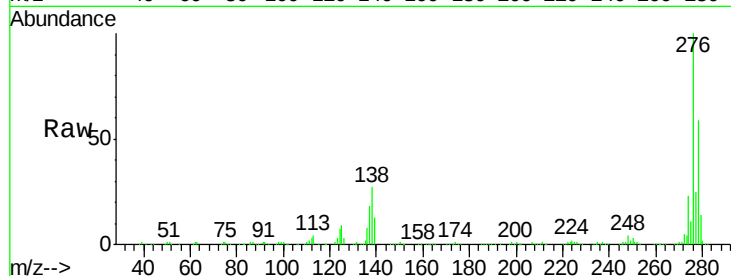




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.89 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

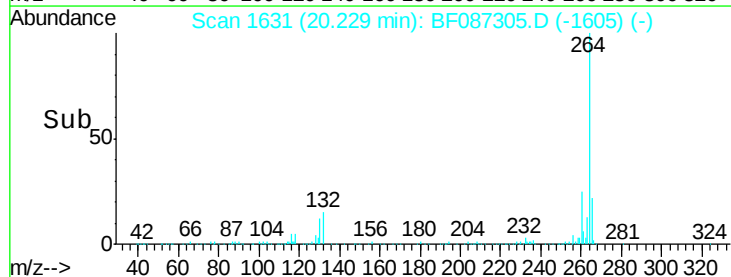
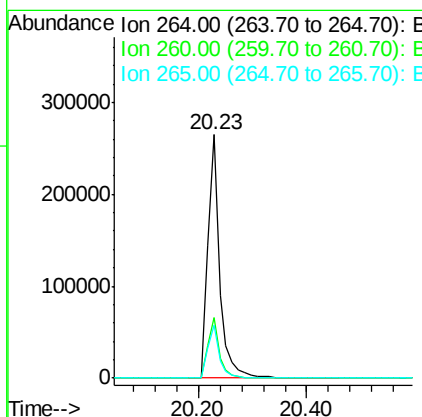
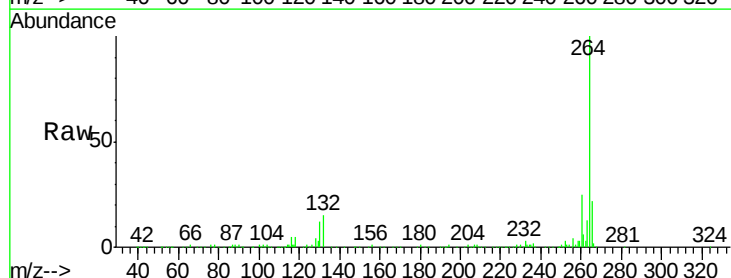
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

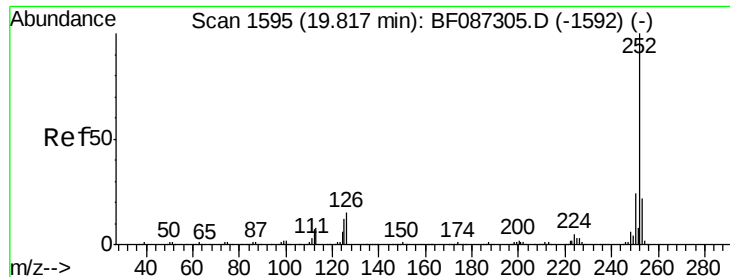
Tgt Ion: 276 Resp: 893596
 Ion Ratio Lower Upper
 276 100
 138 27.1 25.6 38.4
 277 25.5 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087305.D
 Acq: 23 May 2016 17:42

Tgt Ion: 264 Resp: 397106
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 40.20 ng

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

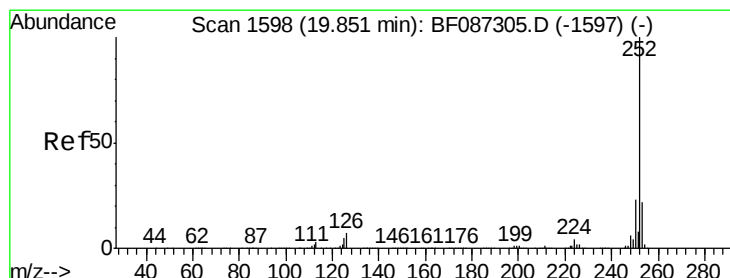
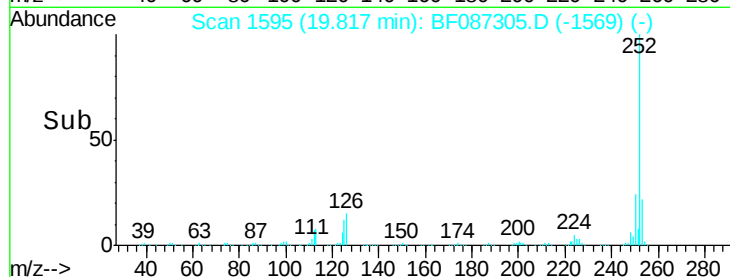
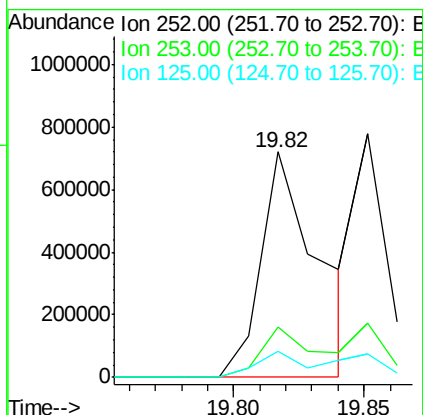
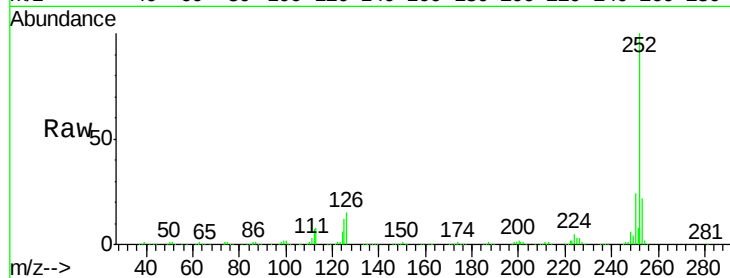
Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 1090433

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.7	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 57.46 ng

RT: 19.82 min Scan# 1595

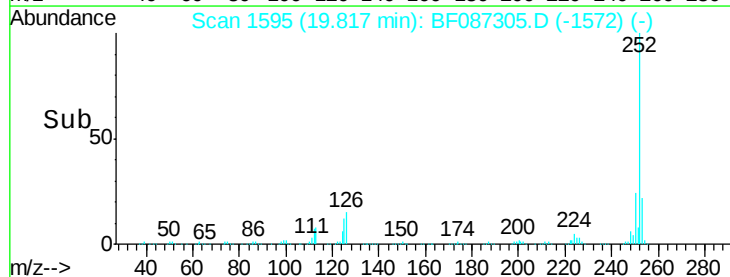
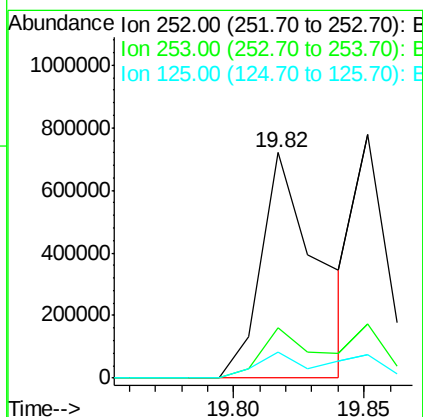
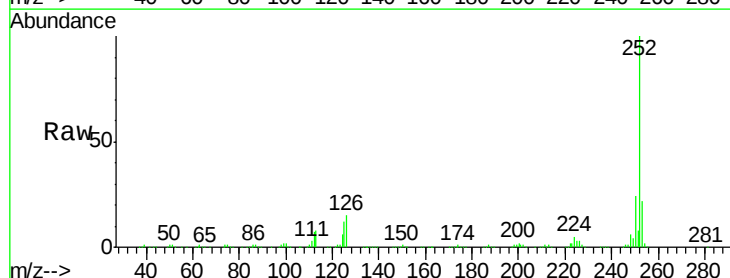
Delta R.T. -0.03 min

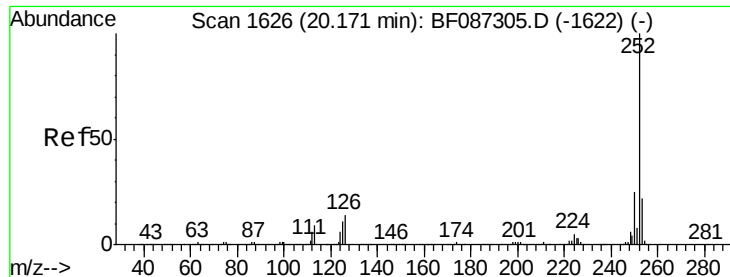
Lab File: BF087305.D

Acq: 23 May 2016 17:42

Tgt Ion:252 Resp: 1090433

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.7	9.1	13.7





#89

Benzo(a)pyrene

Concen: 38.91 ng

RT: 20.17 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

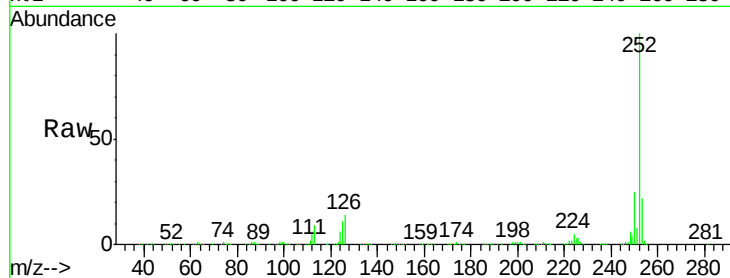
Tgt Ion:252 Resp: 852815

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

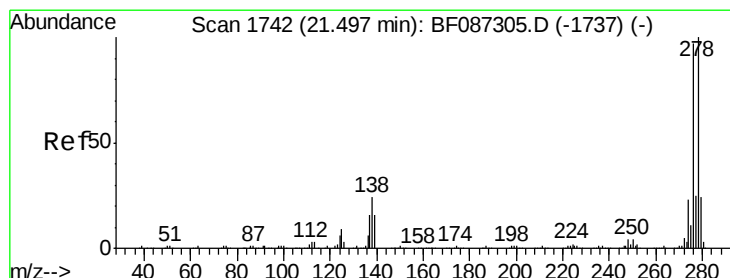
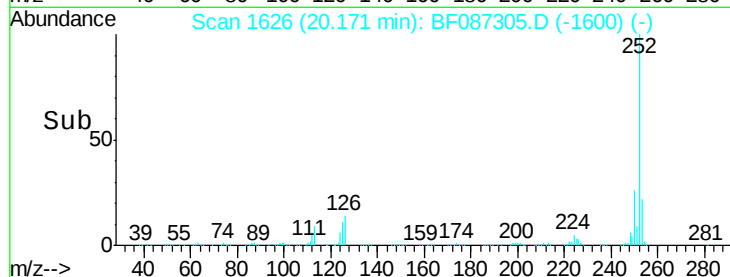
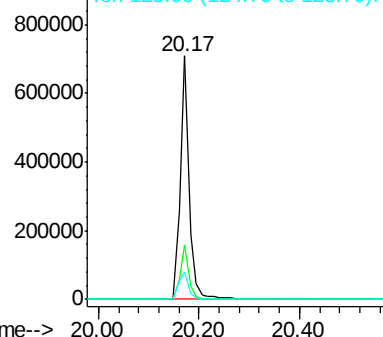
125 11.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.68 ng

RT: 21.50 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BF087305.D

Acq: 23 May 2016 17:42

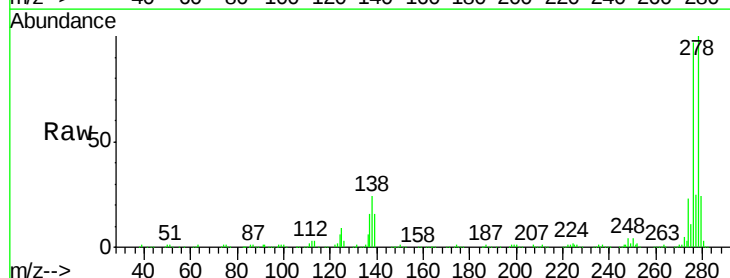
Tgt Ion:278 Resp: 756166

Ion Ratio Lower Upper

278 100

139 16.1 16.6 24.8#

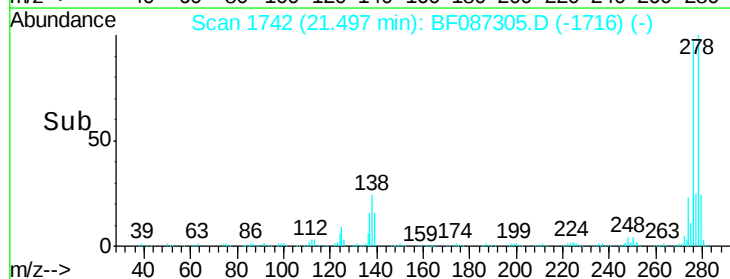
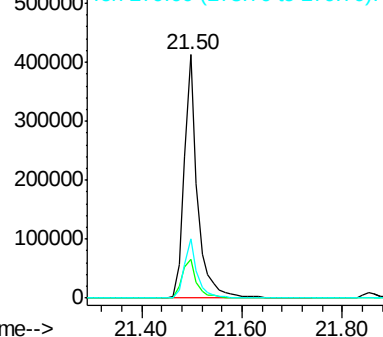
279 24.2 19.6 29.4

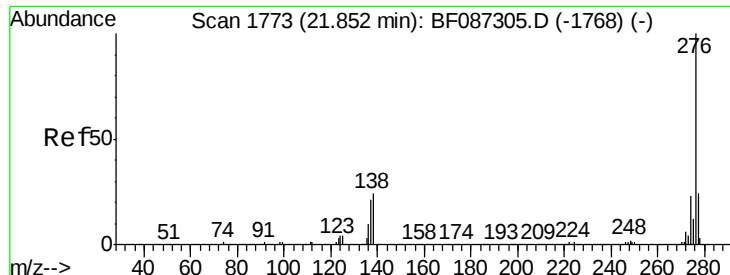


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.04 ng

RT: 21.85 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF087305.D

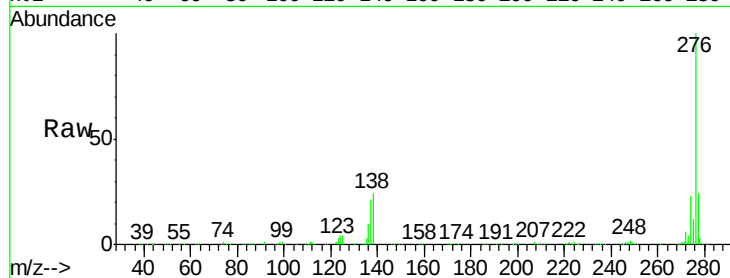
Acq: 23 May 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion: 276 Resp: 746606

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 24.3 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

