

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088856.D
 Acq On : 9 Jul 2016 6:36
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 07:01:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	92587	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	379307	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	170872	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	330260	20.00	ng	0.00
75) Chrysene-d12	13.86	240	170887	20.00	ng	-0.01
86) Perylene-d12	15.25	264	190826	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	433433	70.16	ng	-0.01
7) Phenol-d6	6.38	99	572749	71.75	ng	0.00
23) Nitrobenzene-d5	7.30	82	508682	70.28	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	148265	93.44	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	853575	78.91	ng	0.00
78) Terphenyl-d14	12.82	244	706283	92.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	107337	35.04	ng	# 38
3) Pyridine	2.90	79	303046	34.10	ng	89
4) n-Nitrosodimethylamine	2.87	42	110019	32.40	ng	87
6) Aniline	6.40	93	421225	36.21	ng	100
8) 2-Chlorophenol	6.51	128	245178	36.93	ng	100
9) Benzaldehyde	6.27	77	172748	31.95	ng	89
10) Phenol	6.39	94	301977	33.15	ng	# 49
11) bis(2-Chloroethyl)ether	6.48	93	258017	37.98	ng	# 81
12) 1,3-Dichlorobenzene	6.67	146	299606	41.01	ng	98
13) 1,4-Dichlorobenzene	6.75	146	300791	41.48	ng	99
14) 1,2-Dichlorobenzene	6.75	146	300791	44.31	ng	97
15) Benzyl Alcohol	6.88	79	204109	34.74	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	303237	30.82	ng	89
17) 2-Methylphenol	7.00	107	212343	39.20	ng	98
18) Hexachloroethane	7.24	117	111520	39.75	ng	# 86
19) n-Nitroso-di-n-propylamine	7.16	70	204925	38.22	ng	# 83
20) 3+4-Methylphenols	7.15	107	228399	35.13	ng	# 76
22) Acetophenone	7.15	105	378047	41.06	ng	# 90
24) Nitrobenzene	7.32	77	303103	41.53	ng	95
25) Isophorone	7.56	82	493986	36.84	ng	98
26) 2-Nitrophenol	7.63	139	119142	39.81	ng	94
27) 2,4-Dimethylphenol	7.68	122	220020	35.30	ng	87
28) bis(2-Chloroethoxy)methane	7.78	93	347490	39.83	ng	97
29) 2,4-Dichlorophenol	7.88	162	213628	42.41	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	238871	43.21	ng	99
31) Naphthalene	8.04	128	815577	43.61	ng	99
32) Benzoic acid	7.83	122	149648	33.07	ng	97
33) 4-Chloroaniline	8.09	127	314149	37.76	ng	97
34) Hexachlorobutadiene	8.16	225	122356	41.34	ng	98
35) Caprolactam	8.48	113	68317	39.93	ng	# 53
36) 4-Chloro-3-methylphenol	8.58	107	257604	43.25	ng	99
37) 2-Methylnaphthalene	8.83	142	435229	36.15	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	262480	46.18	ng	# 1
40) Hexachlorocyclopentadiene	8.89	237	93614	33.56	ng	98

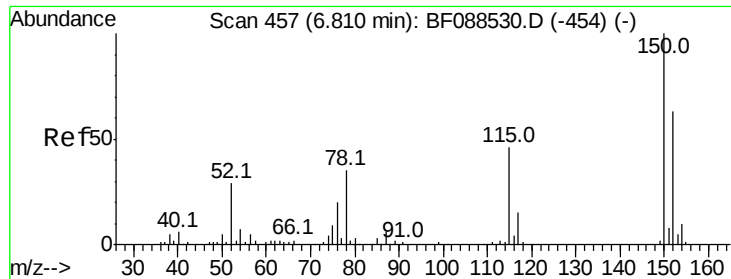
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088856.D
 Acq On : 9 Jul 2016 6:36
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	138676	37.01	nq	96
43) 2,4,5-Trichlorophenol	9.05	196	149135	46.26	nq #	94
45) 1,1'-Biphenyl	9.20	154	640714	45.28	nq	96
46) 2-Chloronaphthalene	9.22	162	476285	42.88	nq	96
47) 2-Nitroaniline	9.31	65	155421	39.43	nq	97
48) Acenaphthylene	9.63	152	762665	43.15	nq	99
49) Dimethylphthalate	9.51	163	506234	41.59	nq	98
50) 2,6-Dinitrotoluene	9.55	165	111419	41.30	nq #	37
51) Acenaphthene	9.80	154	476856	44.02	nq	99
52) 3-Nitroaniline	9.72	138	129918	37.88	nq	91
53) 2,4-Dinitrophenol	9.83	184	35712	29.98	nq	94
54) Dibenzofuran	9.98	168	586575	41.37	nq	96
55) 4-Nitrophenol	9.88	139	84153	32.29	nq	91
56) 2,4-Dinitrotoluene	9.95	165	147139	41.71	nq #	50
57) Fluorene	10.31	166	435904	39.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	106277	42.61	nq #	49
59) Diethylphthalate	10.19	149	483702	39.59	nq	99
60) 4-Chlorophenyl-phenylether	10.31	204	207899	40.95	nq	94
61) 4-Nitroaniline	10.33	138	140231	42.49	nq	79
62) Azobenzene	10.47	77	560232	40.20	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	57158	32.36	nq	96
65) n-Nitrosodiphenylamine	10.43	169	442163	39.56	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	139216	41.83	nq	95
67) Hexachlorobenzene	10.86	284	134946	36.63	nq	96
68) Atrazine	10.96	200	138480	39.76	nq	93
69) Pentachlorophenol	11.05	266	76393	35.04	nq	97
70) Phenanthrene	11.27	178	684060	37.89	nq	99
71) Anthracene	11.31	178	685706	38.20	nq	99
72) Carbazole	11.47	167	594255	35.17	nq	99
73) Di-n-butylphthalate	11.82	149	824666	41.96	nq	99
74) Fluoranthene	12.45	202	630717	34.46	nq	99
76) Benzidine	12.57	184	317752	36.79	nq	99
77) Pyrene	12.67	202	678351	46.82	nq	100
79) Butylbenzylphthalate	13.30	149	310585	48.06	nq	89
80) Benzo(a)anthracene	13.85	228	458989	41.71	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	159486	38.55	nq	99
82) Chrysene	13.90	228	476408	43.76	nq	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	365728	49.57	nq	98
84) Di-n-octyl phthalate	14.47	149	571117	45.56	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	504250	60.20	nq #	100
87) Benzo(b)fluoranthene	14.89	252	837788	69.99	nq	99
88) Benzo(k)fluoranthene	14.89	252	837788	80.39	nq #	94
89) Benzo(a)pyrene	15.19	252	396302	39.10	nq #	96
90) Dibenzo(a,h)anthracene	16.56	278	432149	51.06	nq	99
91) Benzo(g,h,i)perylene	16.95	276	450401	51.43	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

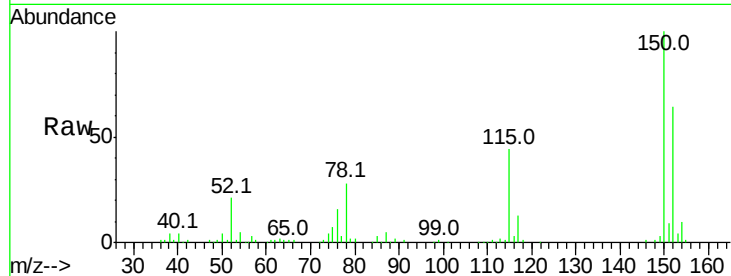
Tot Ion:152 Resp: 92587

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

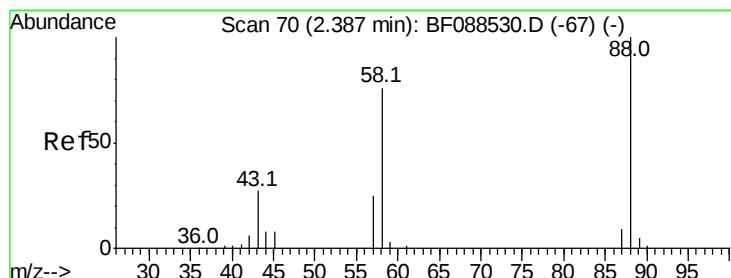
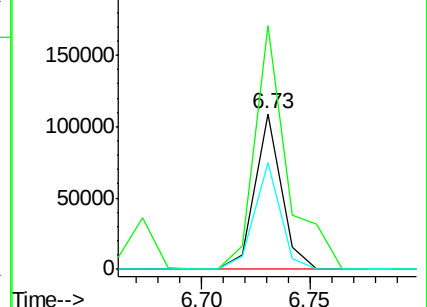
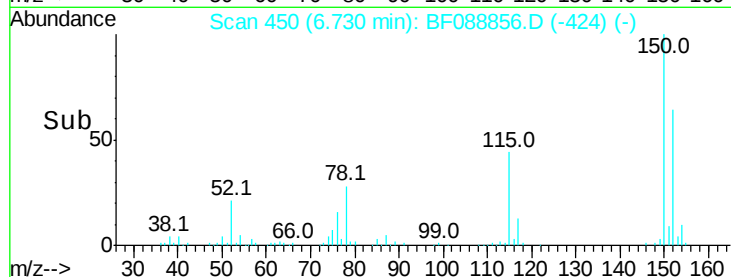
115 68.7 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.04 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

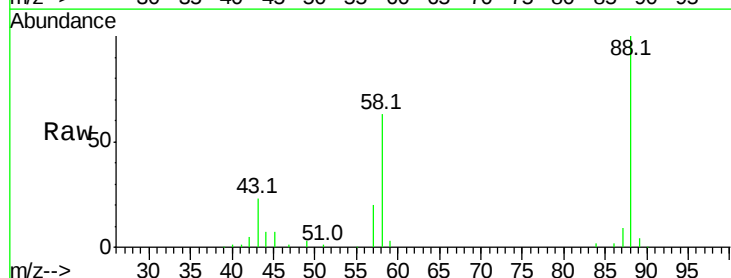
Tgt Ion: 88 Resp: 107337

Ion Ratio Lower Upper

88 100

58 66.2 0.0 0.0#

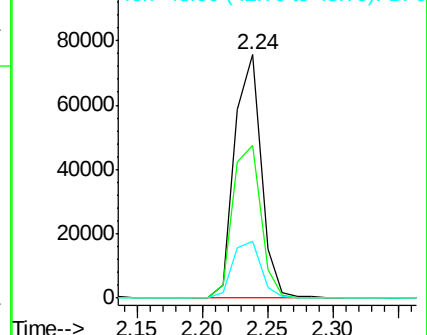
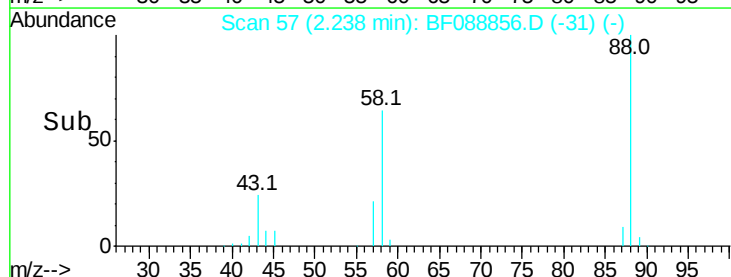
43 24.7 3.4 5.2#

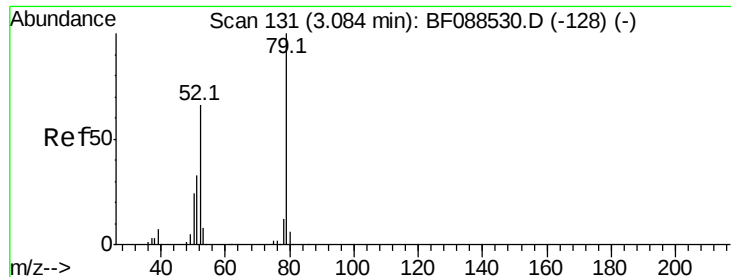


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.10 ng

RT: 2.90 min Scan# 115

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

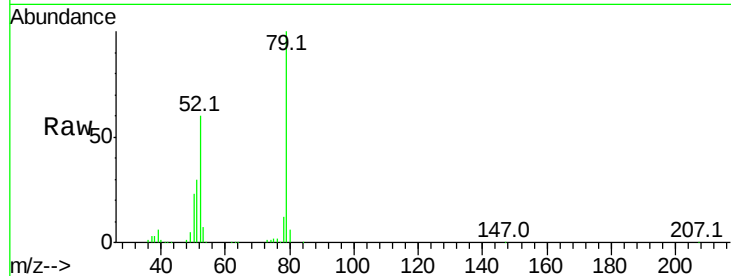
Tot Ion: 79 Resp: 303046

Ion Ratio Lower Upper

79 100

52 60.3 56.3 84.5

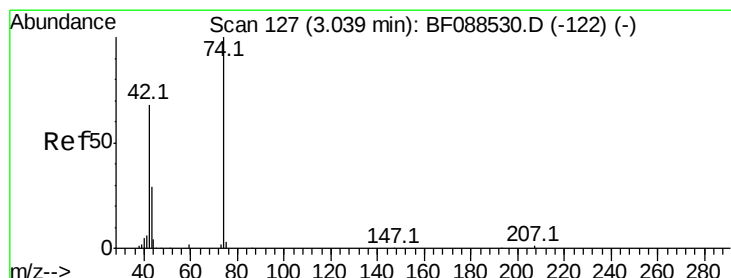
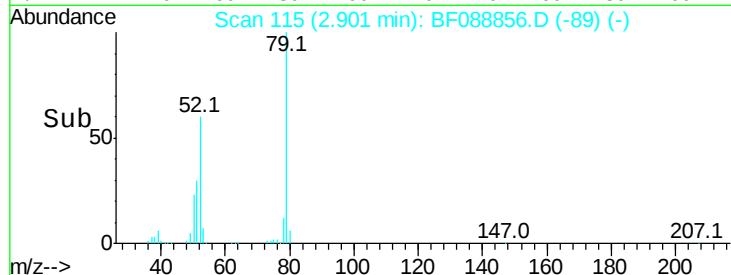
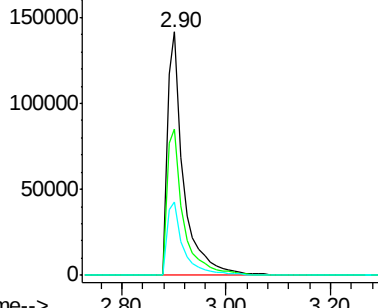
51 30.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.40 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

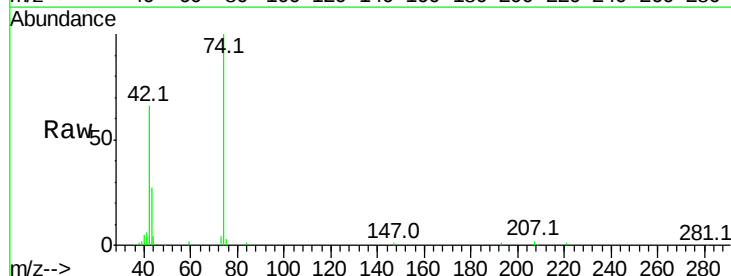
Tgt Ion: 42 Resp: 110019

Ion Ratio Lower Upper

42 100

74 151.8 108.6 163.0

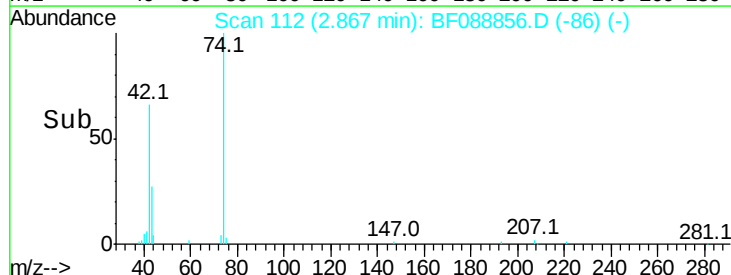
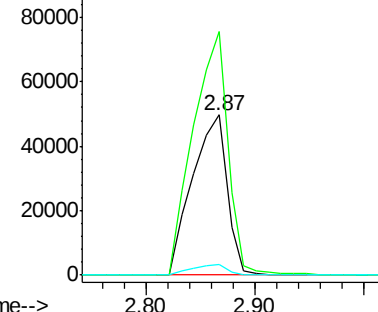
44 6.4 5.5 8.3

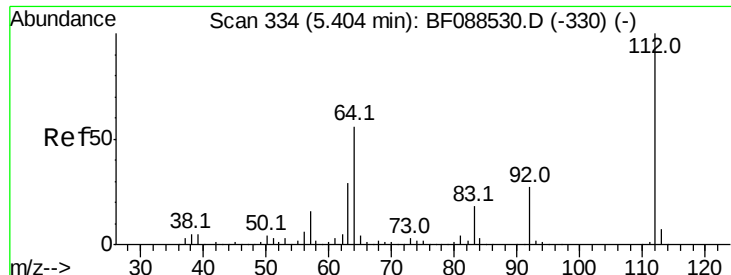


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 70.16 ng

RT: 5.31 min Scan# 326

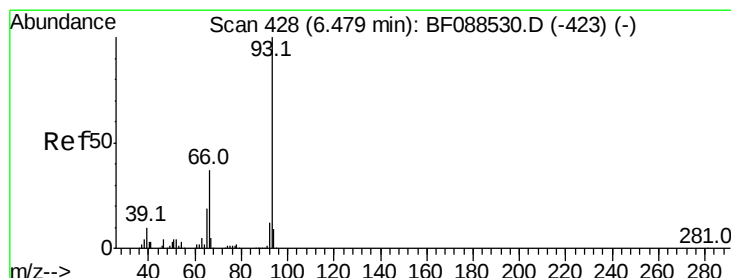
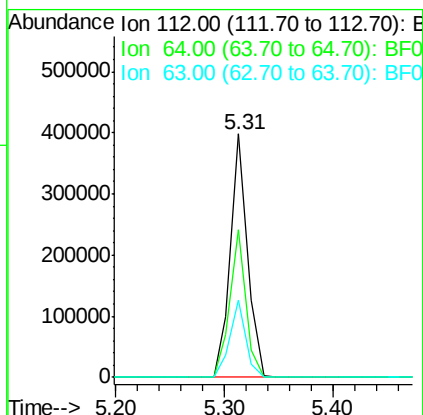
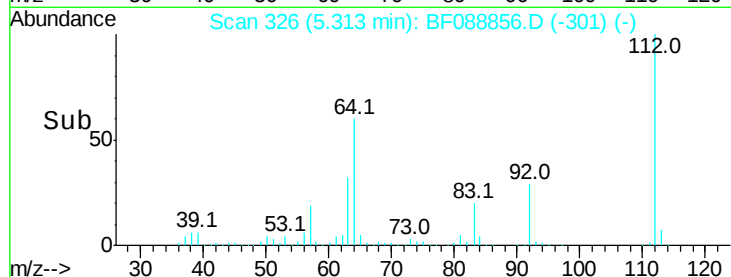
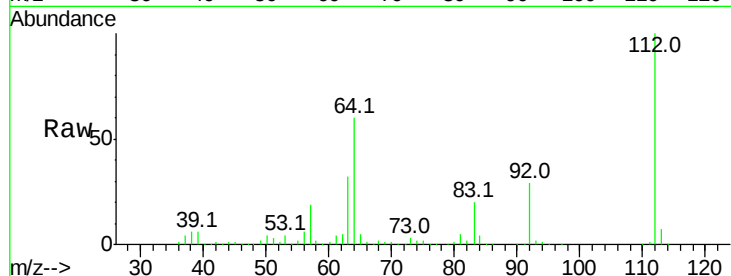
Delta R.T. -0.01 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	433433
Ion	Ratio	Lower	Upper
112	100		
64	60.4	42.2	63.2
63	32.0	21.8	32.8



#6

Aniline

Concen: 36.21 ng

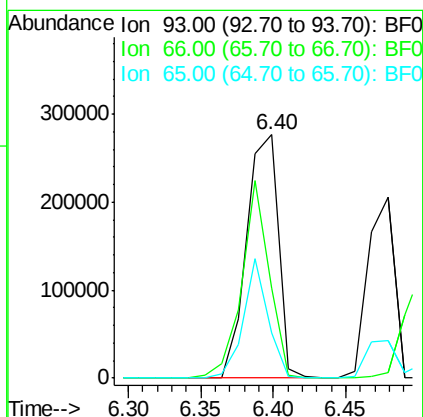
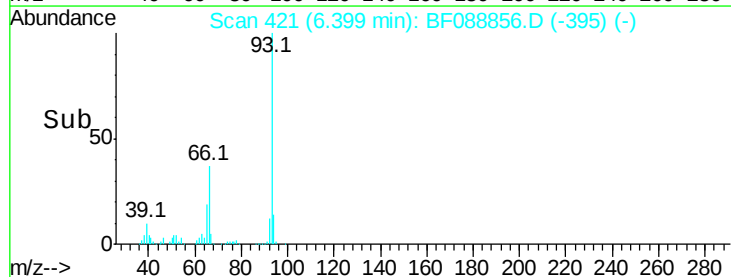
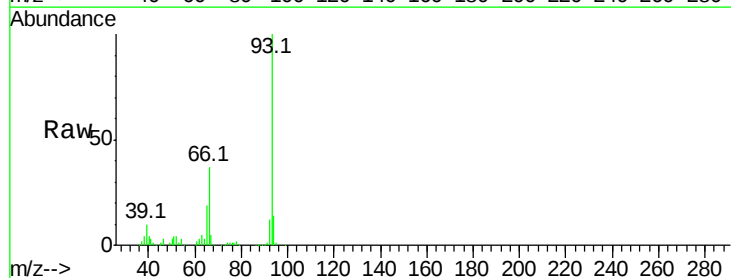
RT: 6.40 min Scan# 421

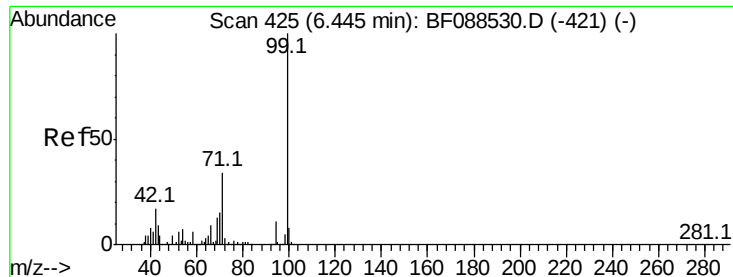
Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Tgt Ion:	93	Resp:	421225
Ion	Ratio	Lower	Upper
93	100		
66	37.1	29.8	44.8
65	18.7	14.9	22.3





#7

Phenol-d6

Concen: 71.75 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

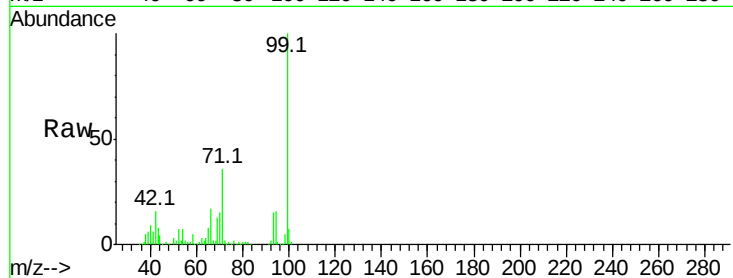
Tot Ion: 99 Resp: 572749

Ion Ratio Lower Upper

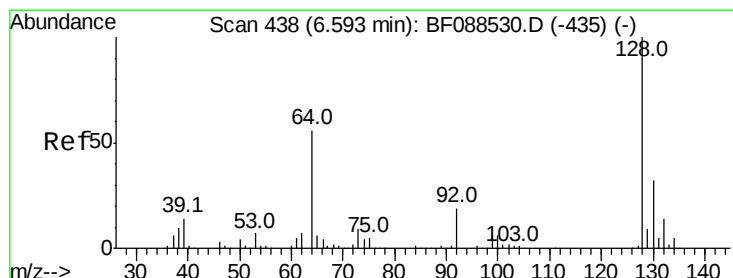
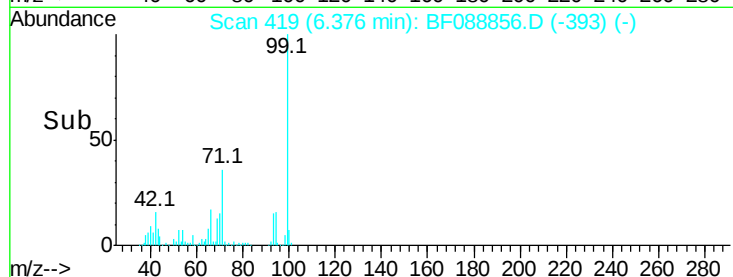
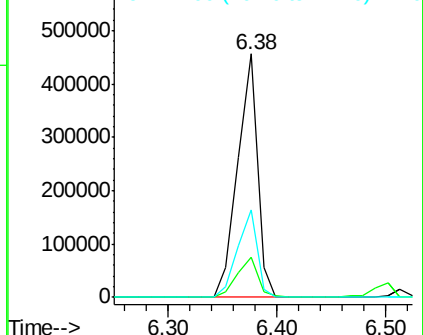
99 100

42 16.5 12.2 18.2

71 35.9 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.93 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

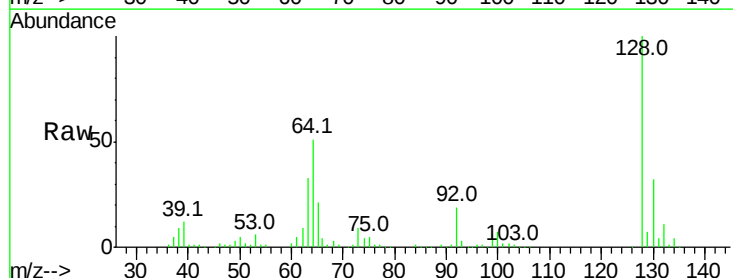
Tgt Ion: 128 Resp: 245178

Ion Ratio Lower Upper

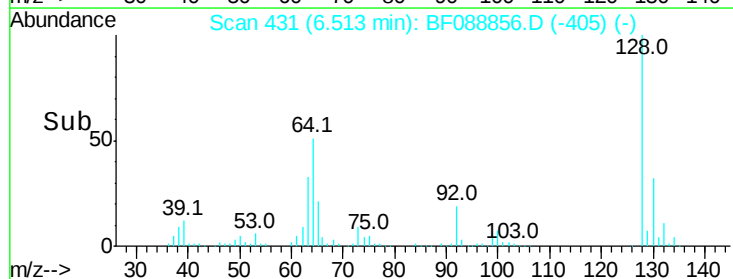
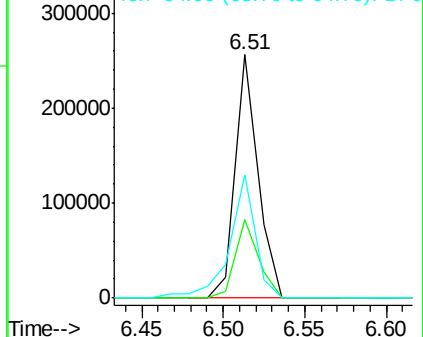
128 100

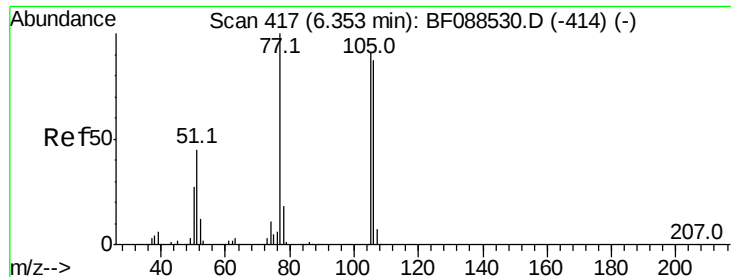
130 32.0 12.0 52.0

64 50.8 30.8 70.8



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





#9

Benzaldehyde

Concen: 31.95 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

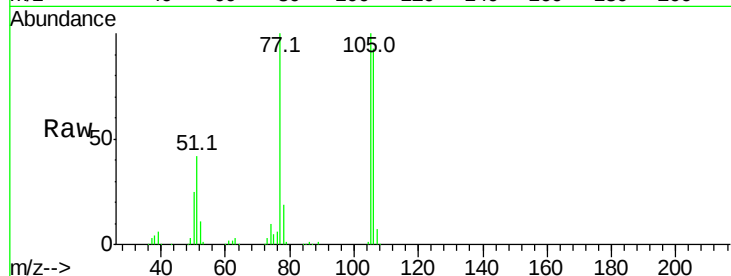
Tot Ion: 77 Resp: 172748

Ion Ratio Lower Upper

77 100

105 100.1 90.6 130.6

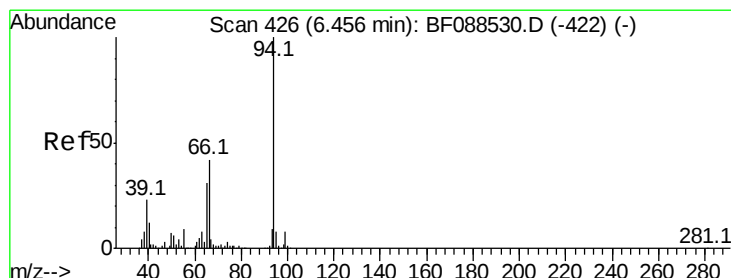
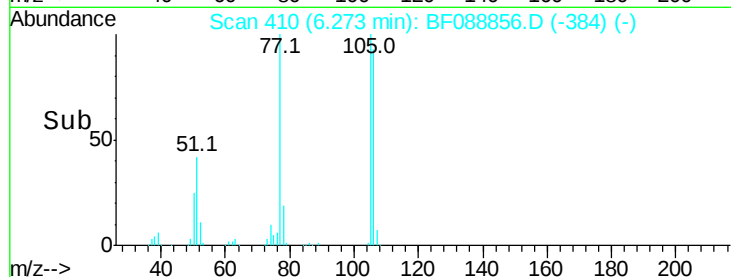
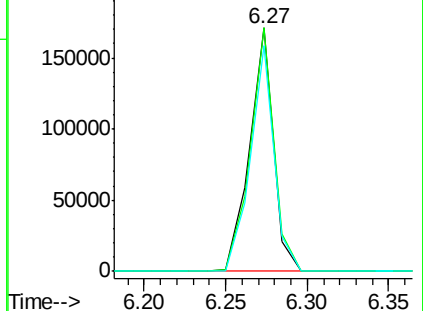
106 93.1 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.15 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

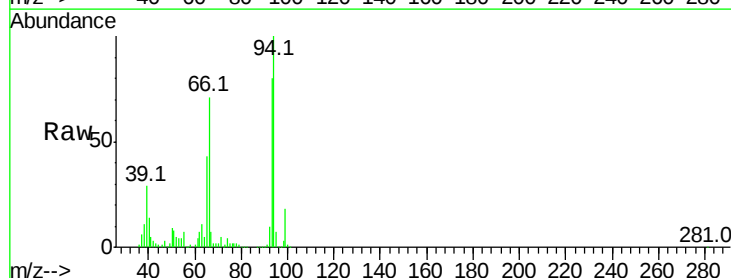
Tgt Ion: 94 Resp: 301977

Ion Ratio Lower Upper

94 100

65 43.0 5.9 45.9

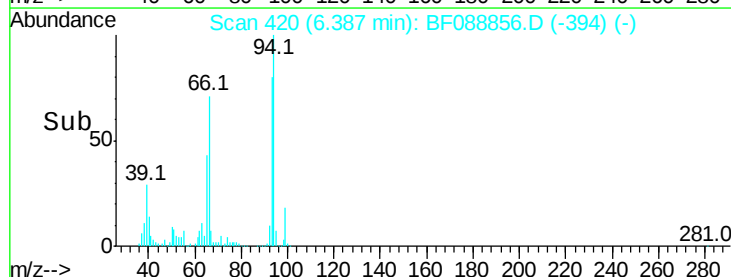
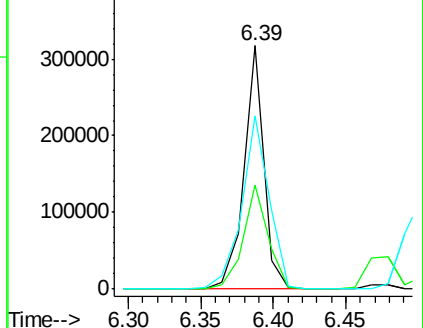
66 71.0 14.0 54.0#

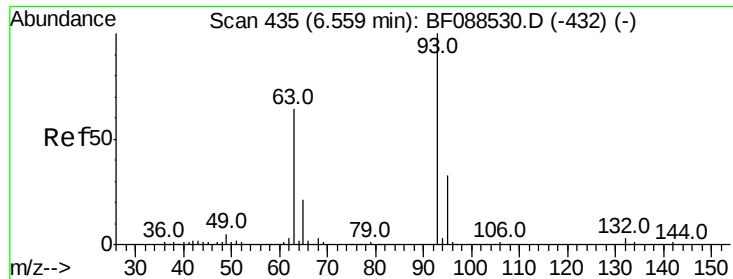


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

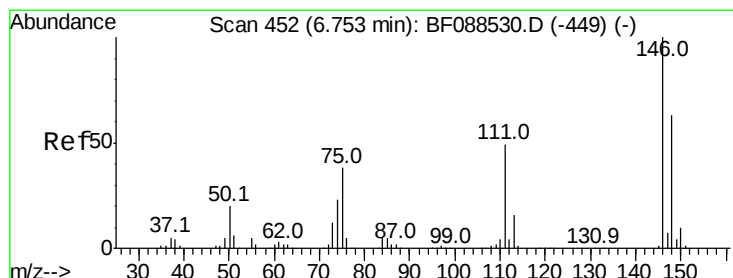
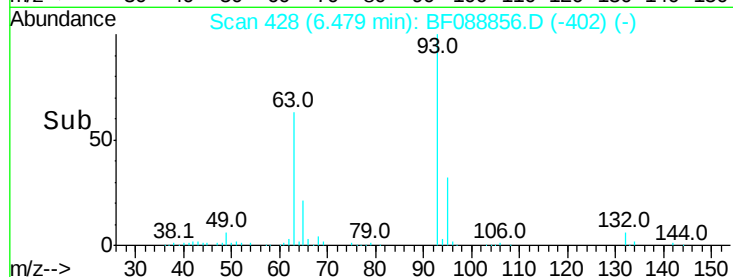
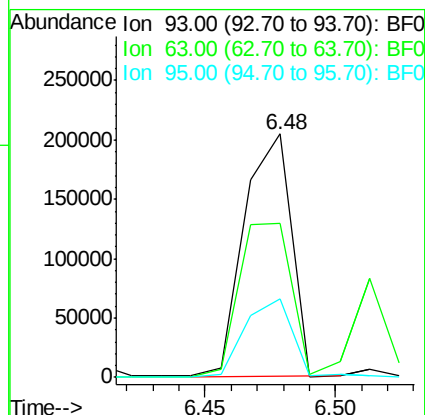
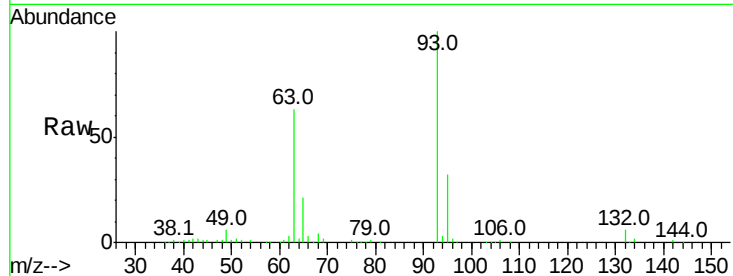




#11
bis(2-Chloroethyl)ether
Concen: 37.98 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

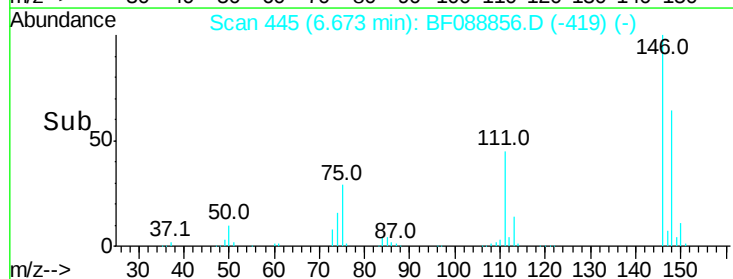
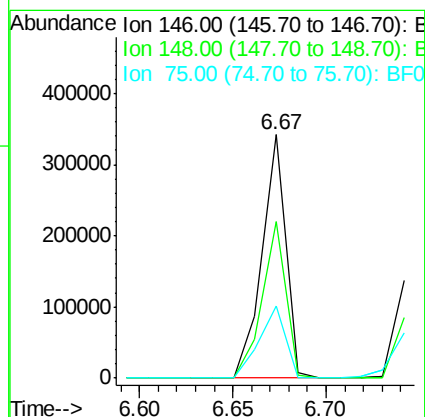
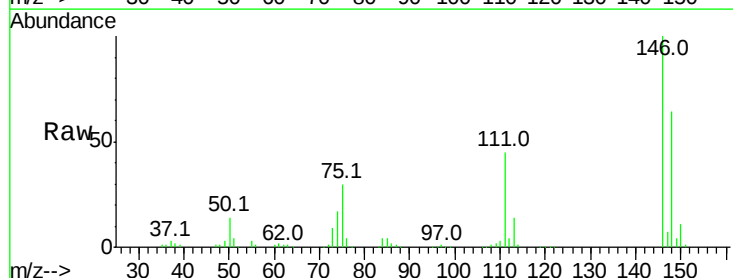
Instrument :
BNA_F
ClientSampleId :

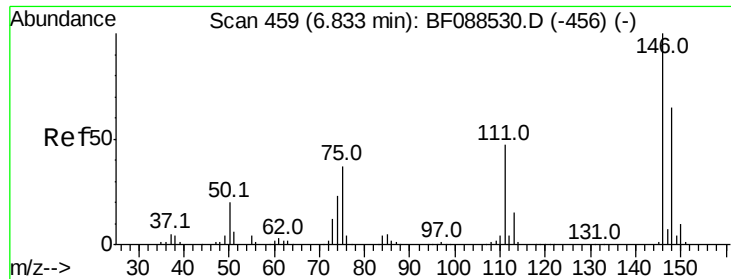
Tot Ion: 93 Resp: 258017
Ion Ratio Lower Upper
93 100
63 63.1 67.6 107.6#
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.01 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion: 146 Resp: 299606
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 29.8 25.6 38.4

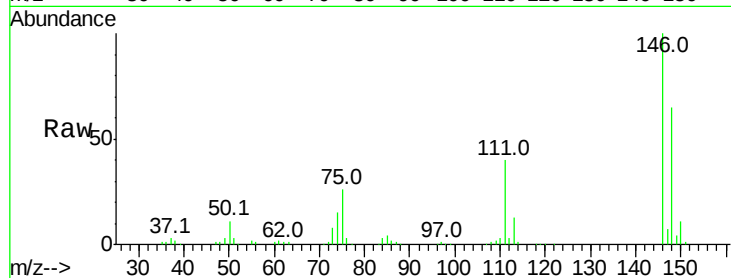




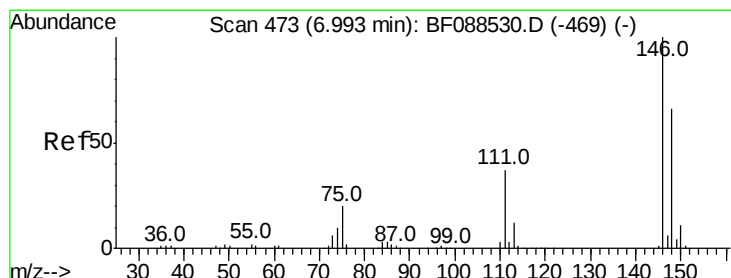
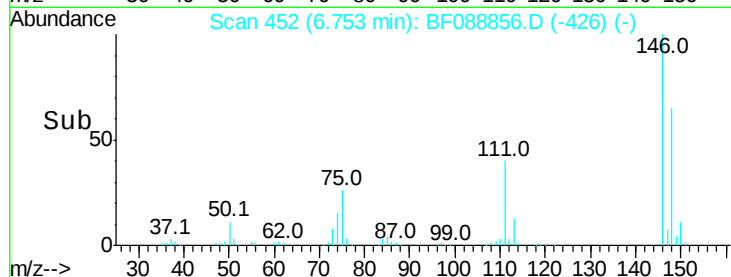
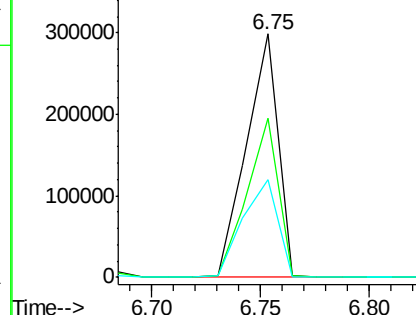
#13
 1,4-Dichlorobenzene
 Concen: 41.48 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 300791
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 40.3 33.8 50.8

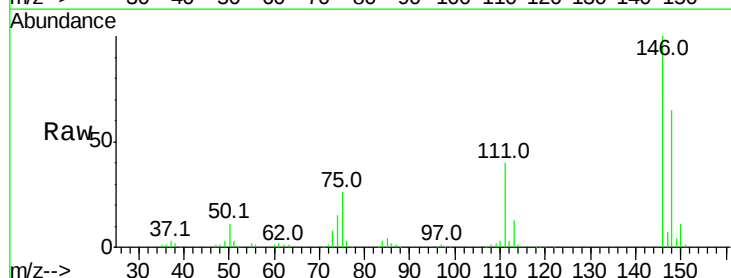


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

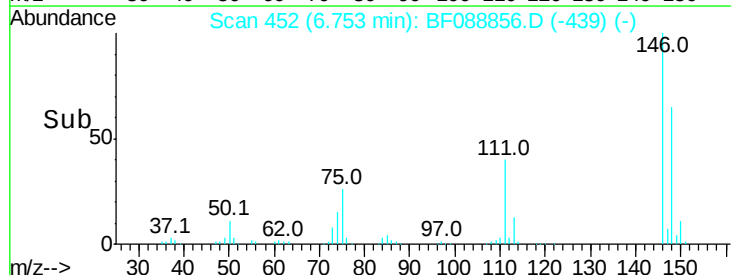
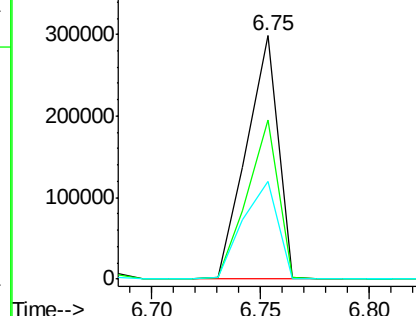


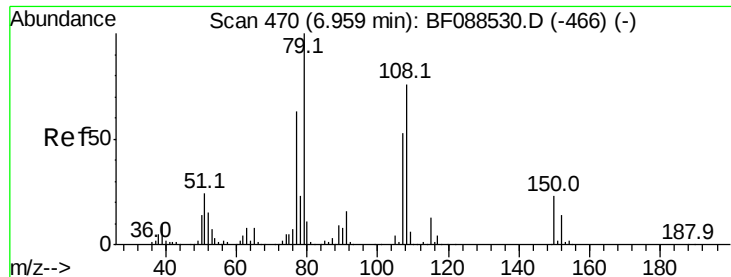
#14
 1,2-Dichlorobenzene
 Concen: 44.31 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.15 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion:146 Resp: 300791
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 40.3 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 34.74 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampled :

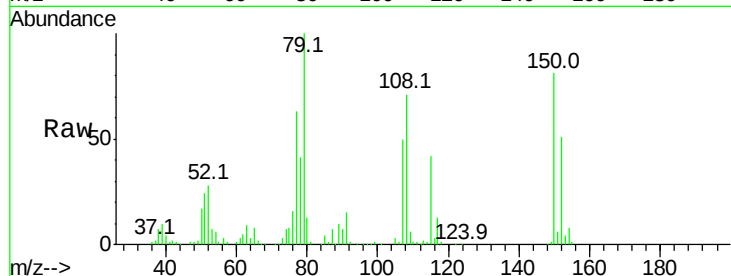
Tot Ion: 79 Resp: 204109

Ion Ratio Lower Upper

79 100

108 71.0 65.0 97.6

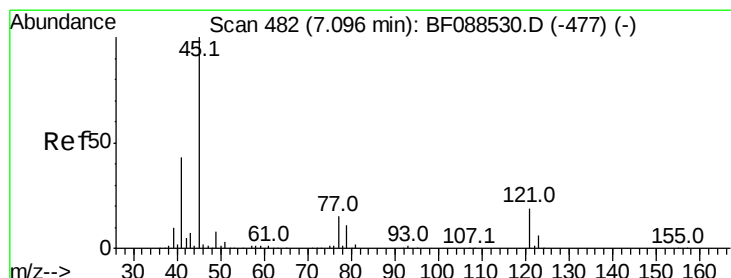
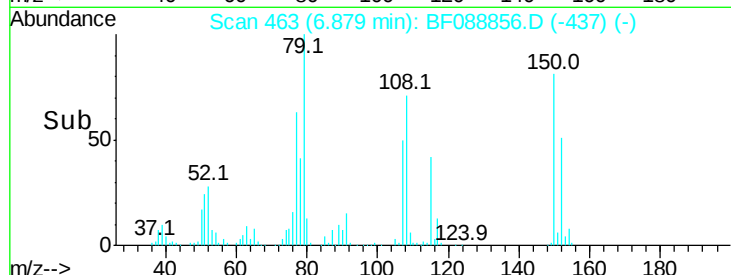
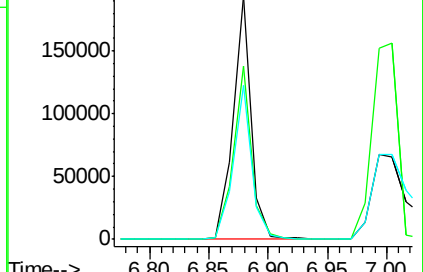
77 63.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.82 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

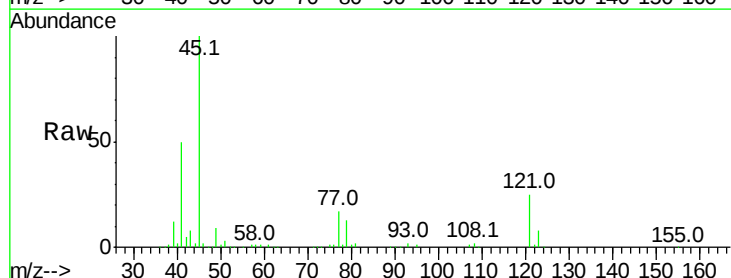
Tgt Ion: 45 Resp: 303237

Ion Ratio Lower Upper

45 100

77 17.2 0.0 32.5

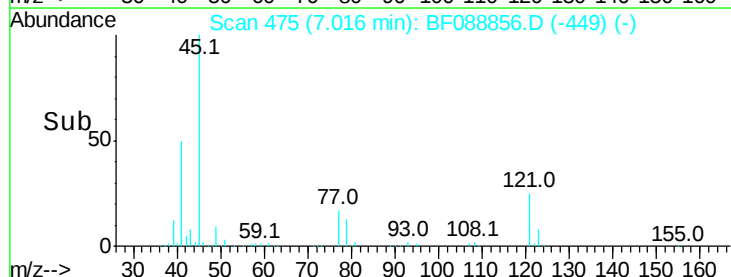
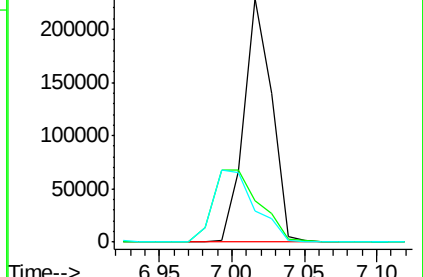
79 13.0 0.0 29.5

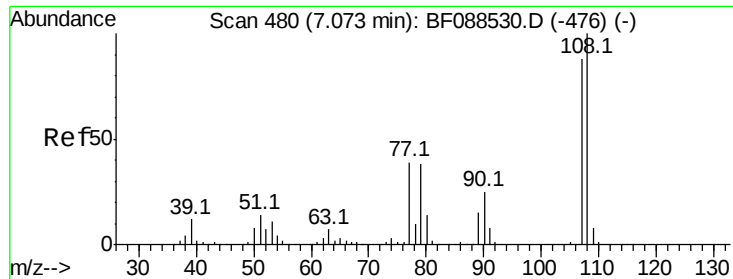


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

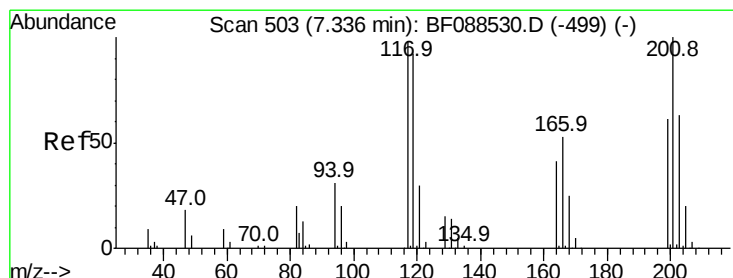
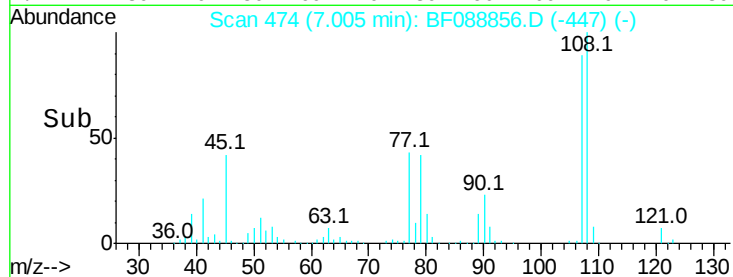
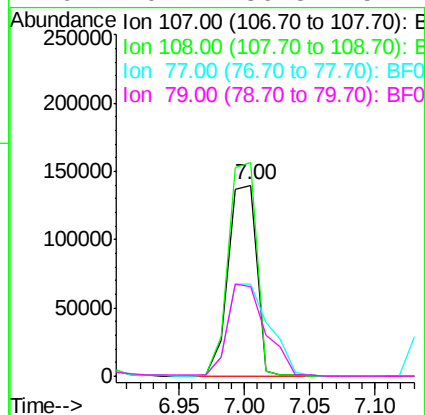
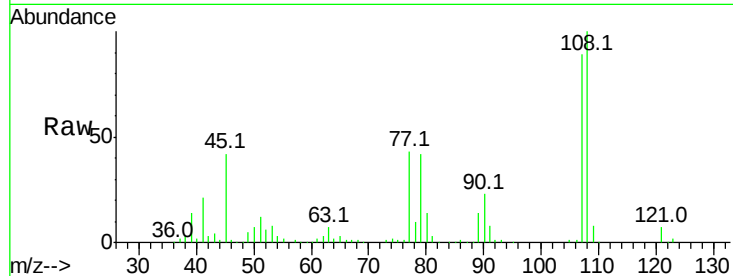




#17
2-Methylphenol
Concen: 39.20 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

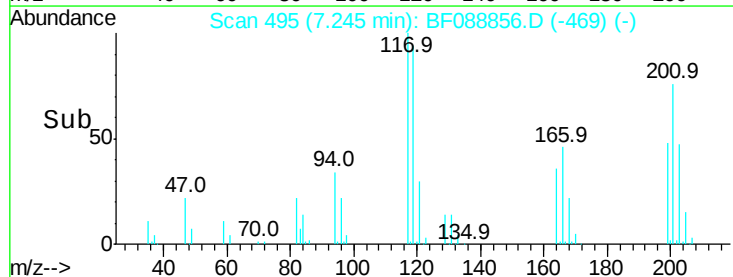
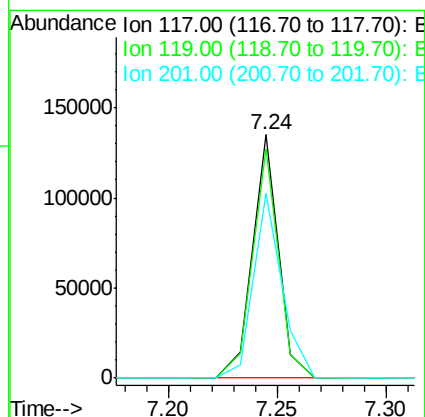
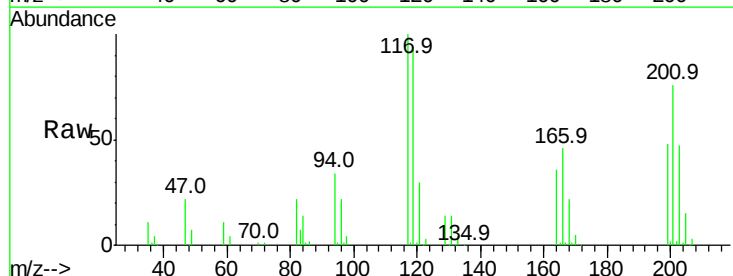
Instrument :
BNA_F
ClientSampled :

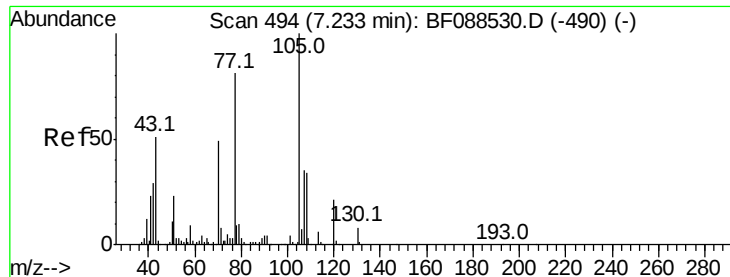
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.9	136.3
77	48.2	36.6	55.0
79	46.7	36.5	54.7



#18
Hexachloroethane
Concen: 39.75 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.2
201	75.7	80.4	120.6#

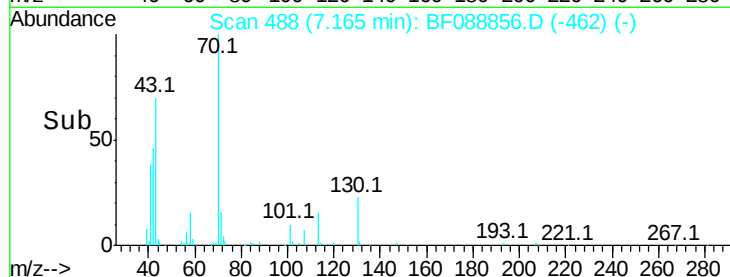
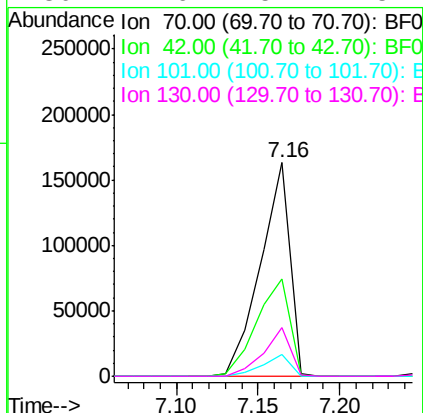
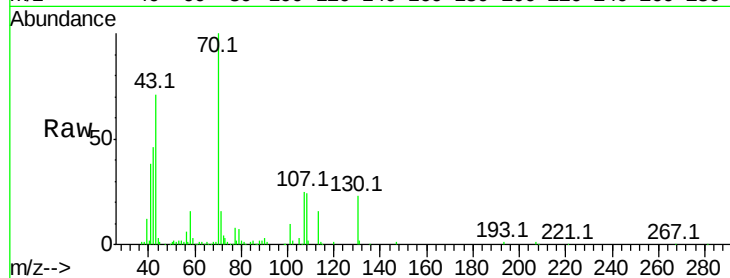




#19
n-Nitroso-di-n-propylamine
Concen: 38.22 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

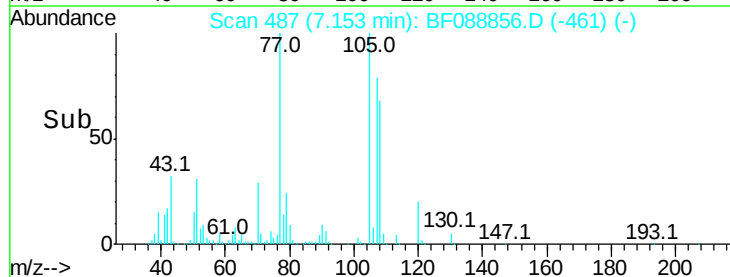
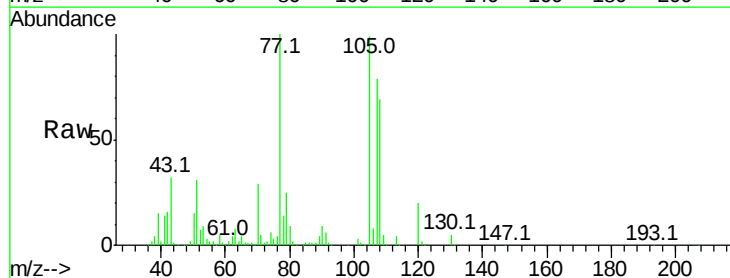
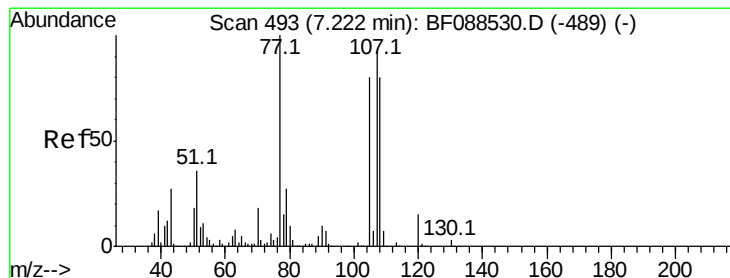
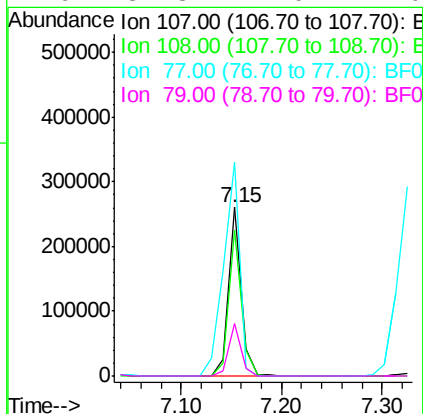
Instrument :
BNA_F
ClientSampled :

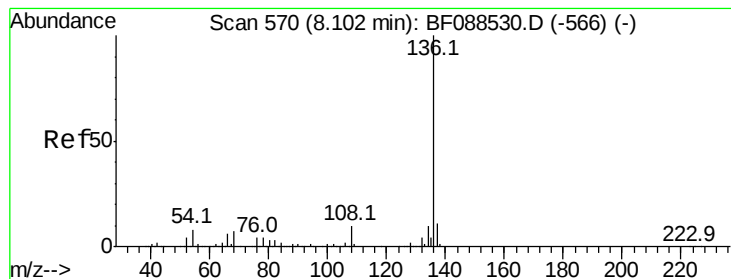
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.6	74.4#
101	10.1	7.1	10.7
130	22.6	15.4	23.2



#20
3+4-Methylphenols
Concen: 35.13 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	67.8	107.8
77	126.7	59.3	99.3#
79	31.3	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 379307

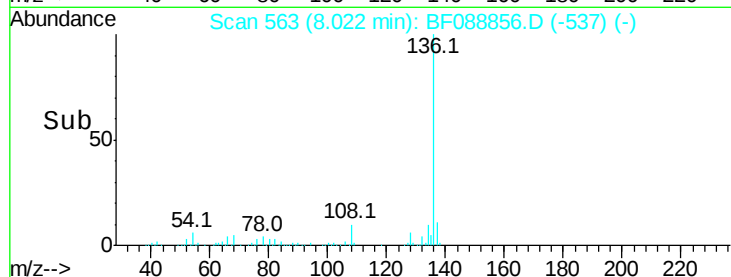
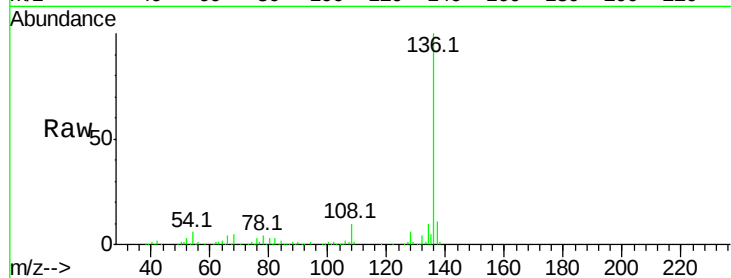
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 6.6 10.0#

68 4.9 5.1 7.7#



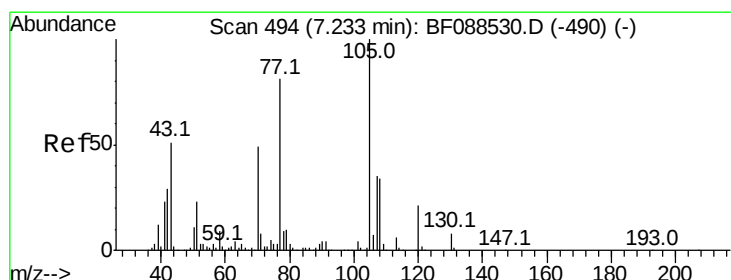
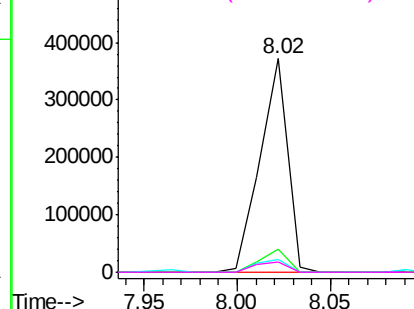
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.06 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Tgt Ion:105 Resp: 378047

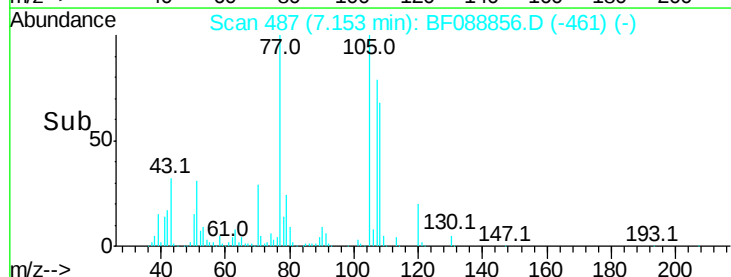
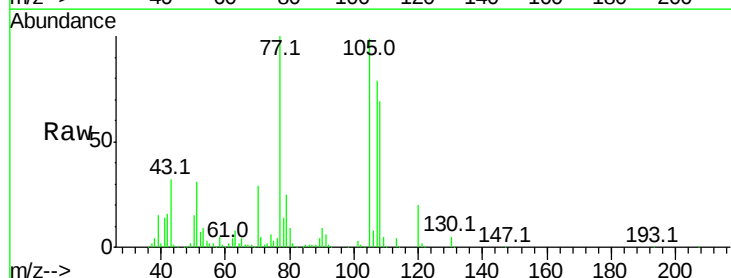
Ion Ratio Lower Upper

105 100

71 4.9 5.3 7.9#

51 31.0 18.2 27.4#

120 20.4 18.0 27.0



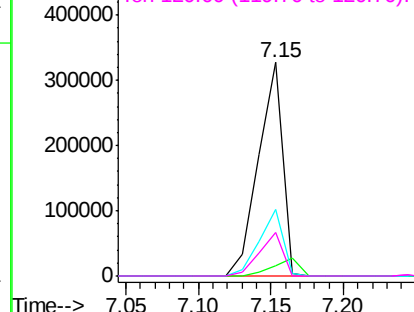
Abundance

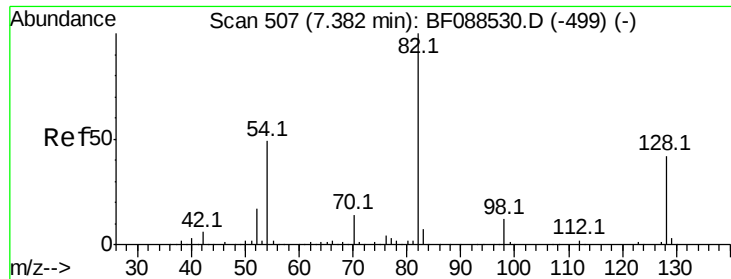
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

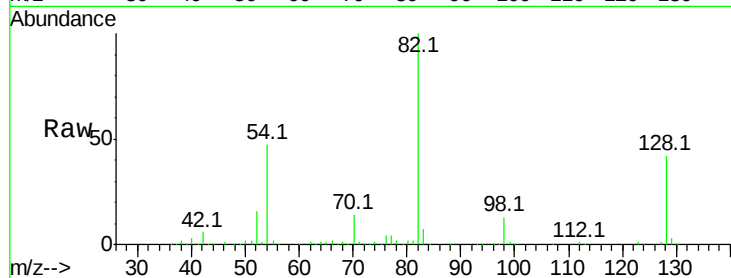




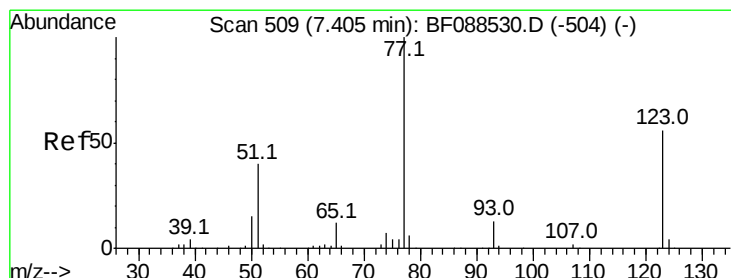
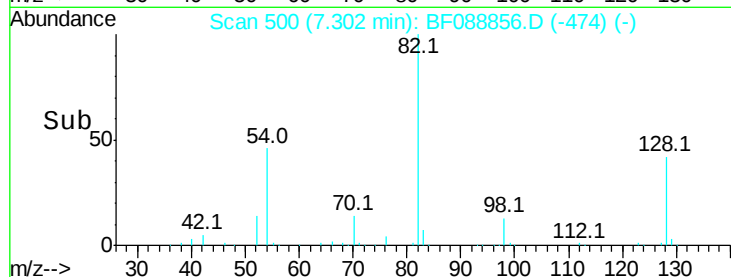
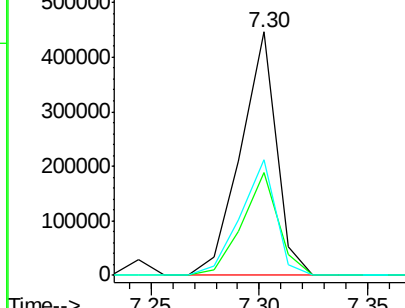
#23
Nitrobenzene-d5
Concen: 70.28 ng
RT: 7.30 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	508682
Ion Ratio	100	Lower	Upper
128	42.0	35.9	53.9
54	47.2	40.9	61.3

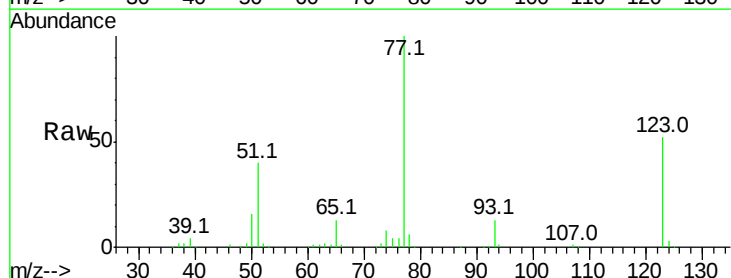


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

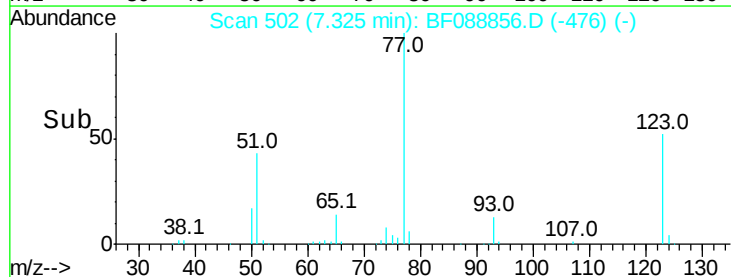
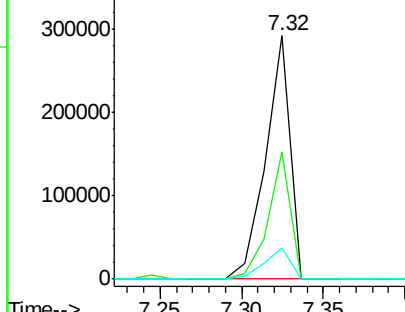


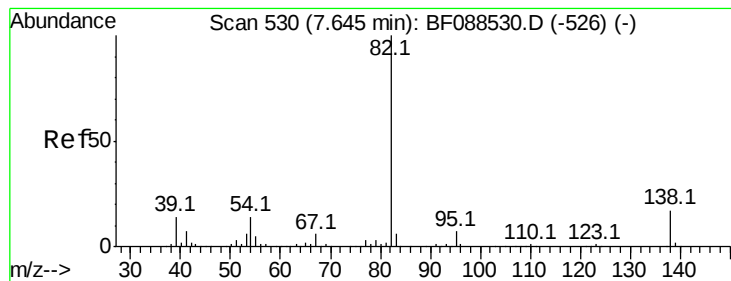
#24
Nitrobenzene
Concen: 41.53 ng
RT: 7.32 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion	77	Resp	303103
Ion Ratio	100	Lower	Upper
123	52.1	45.0	67.4
65	12.6	10.2	15.2



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





#25

Isophorone

Concen: 36.84 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

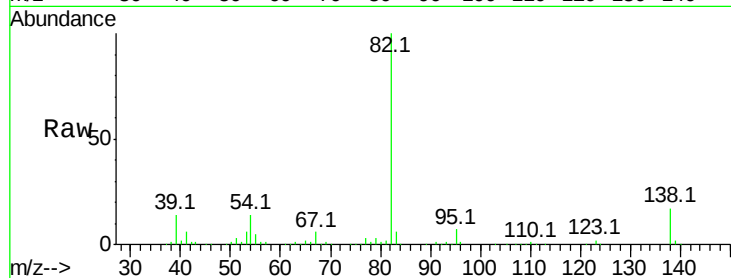
Tot Ion: 82 Resp: 493986

Ion Ratio Lower Upper

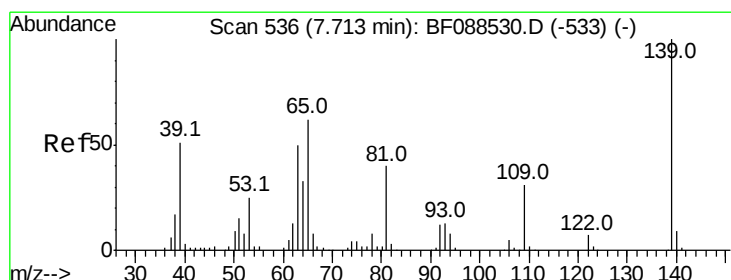
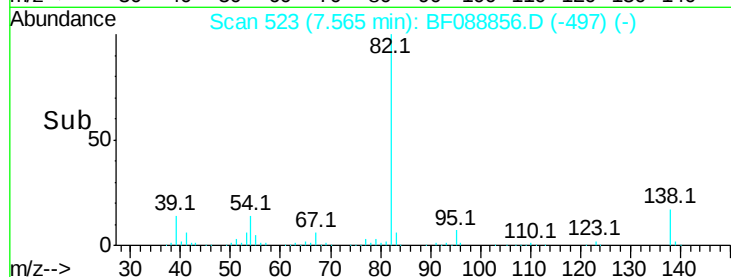
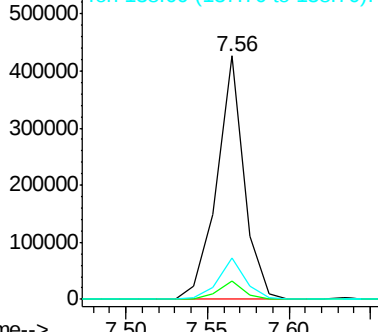
82 100

95 7.4 5.4 8.2

138 16.9 14.6 21.8



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



#26

2-Nitrophenol

Concen: 39.81 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

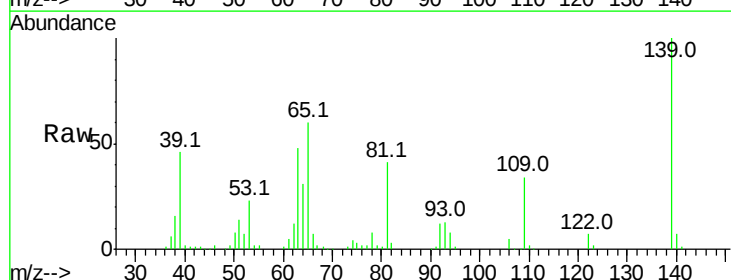
Tgt Ion: 139 Resp: 119142

Ion Ratio Lower Upper

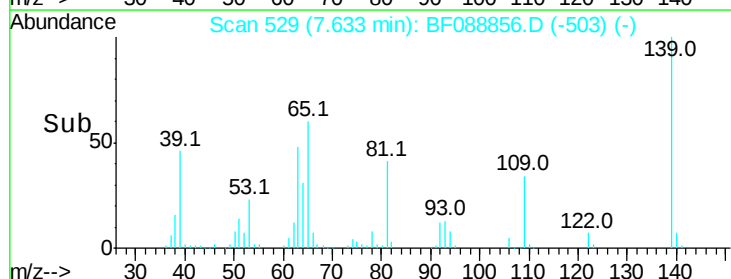
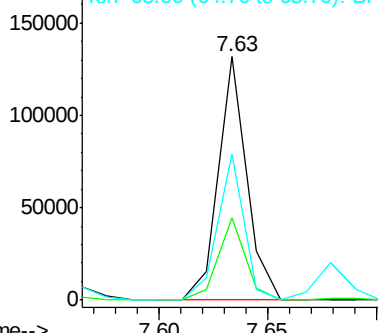
139 100

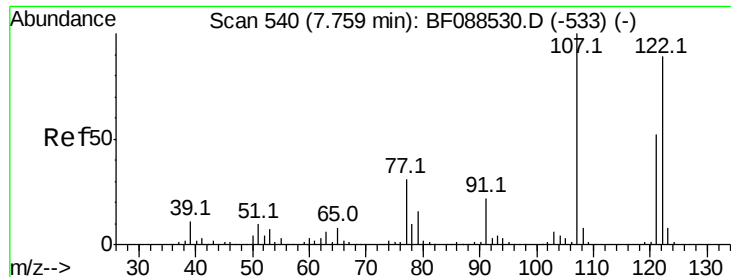
109 33.8 23.0 34.4

65 59.9 45.8 68.8



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

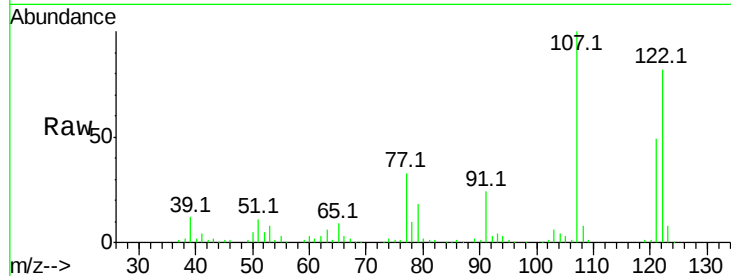




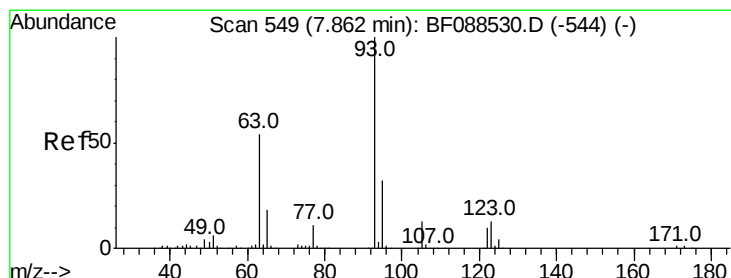
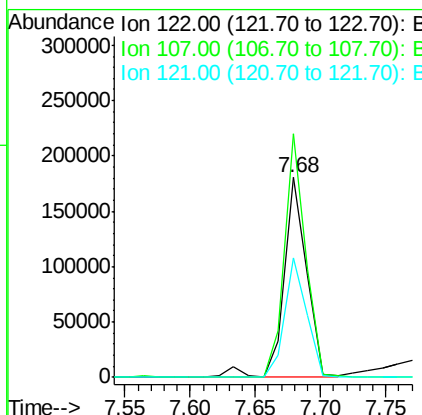
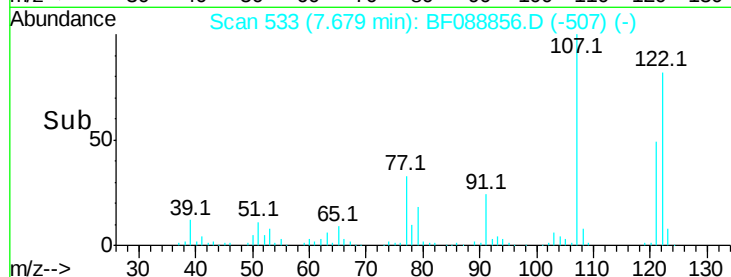
#27
 2,4-Dimethylphenol
 Concen: 35.30 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 220020
 Ion Ratio Lower Upper
 122 100
 107 122.1 82.4 123.6
 121 59.9 46.3 69.5

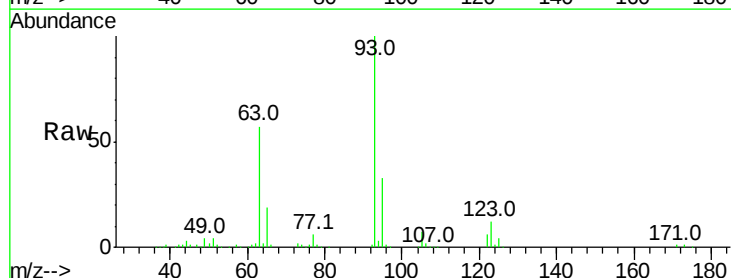


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

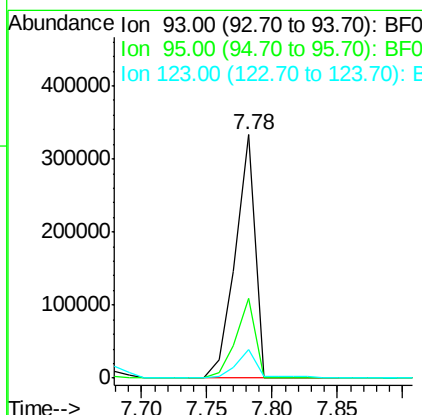
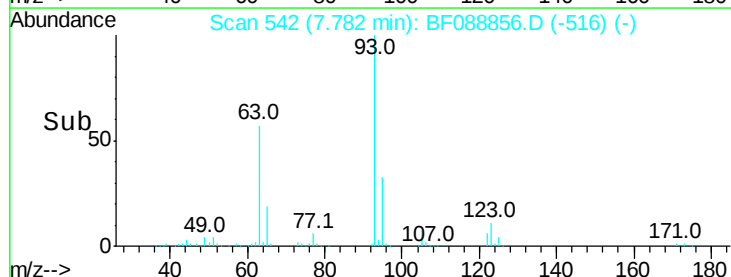


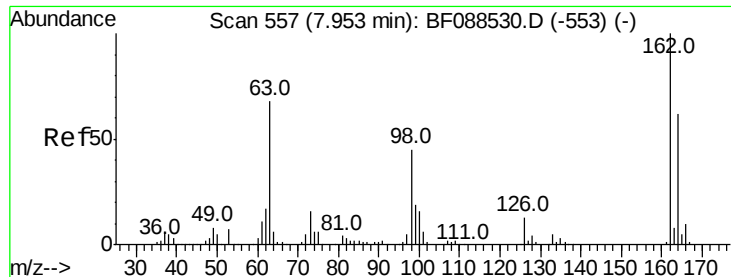
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.83 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion: 93 Resp: 347490
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.6 11.6 17.4



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

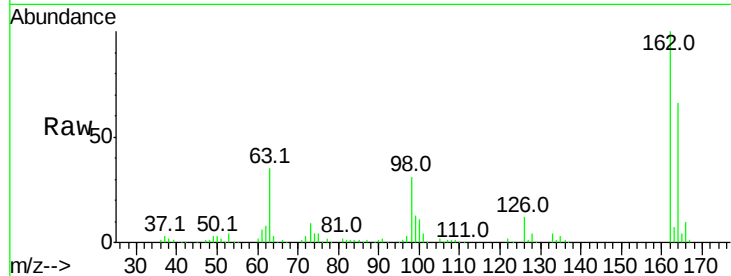




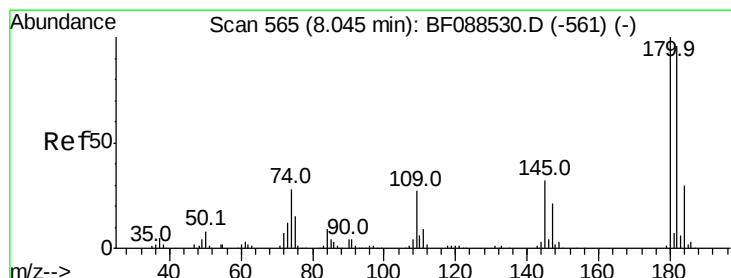
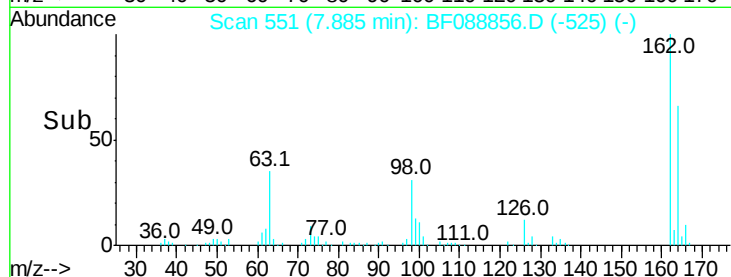
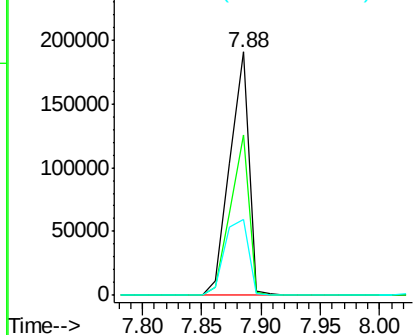
#29
 2,4-Dichlorophenol
 Concen: 42.41 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	43.8	83.8
98	31.0	21.3	61.3

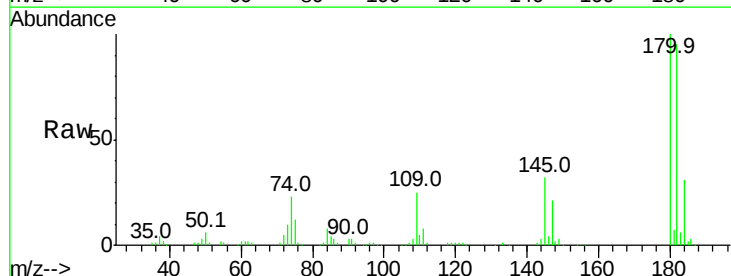


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

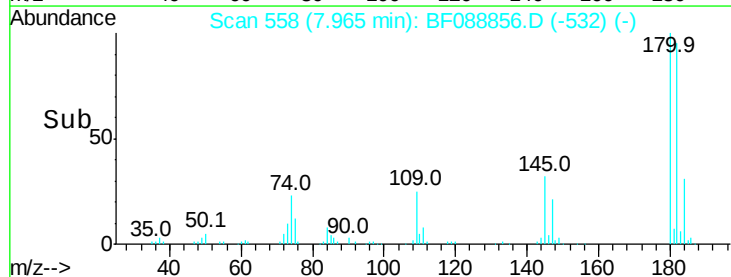
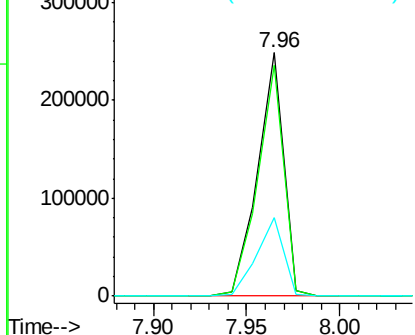


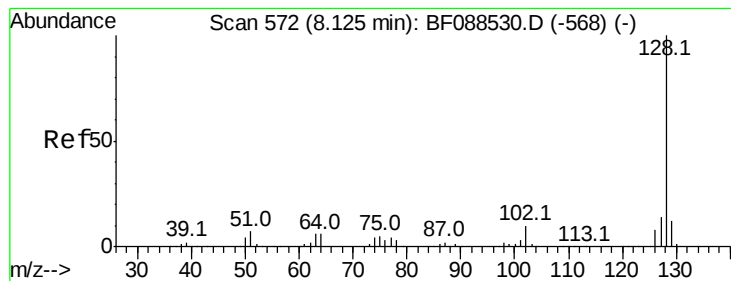
#30
 1,2,4-Trichlorobenzene
 Concen: 43.21 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.0	114.0
145	32.2	26.5	39.7



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





#31

Naphthalene

Concen: 43.61 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampled :

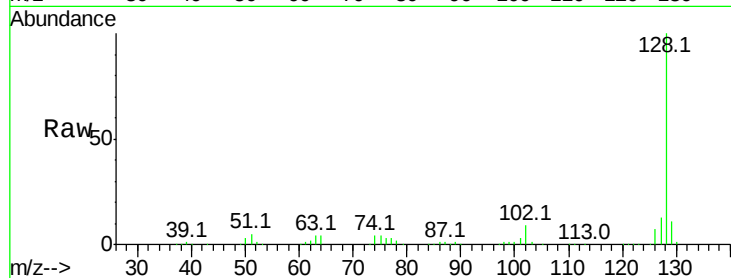
Tot Ion:128 Resp: 815577

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

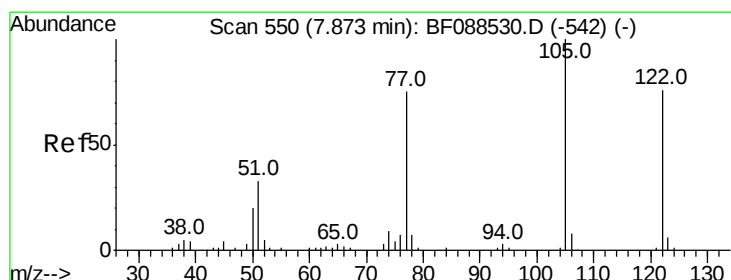
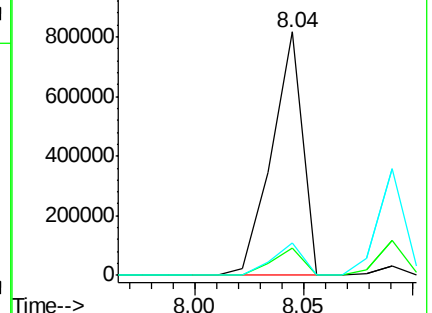
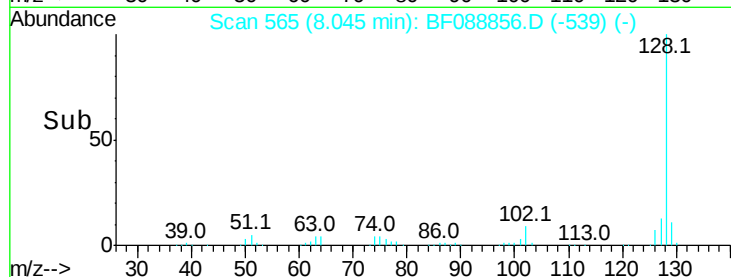
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.07 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

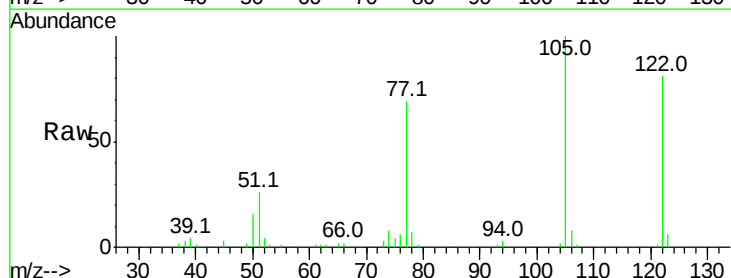
Tgt Ion:122 Resp: 149648

Ion Ratio Lower Upper

122 100

105 123.1 101.6 141.6

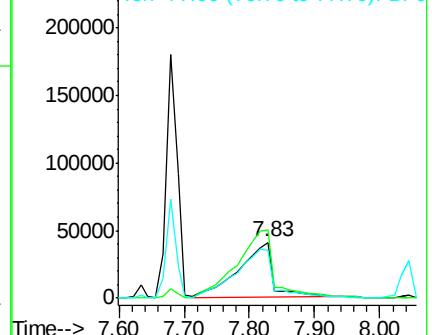
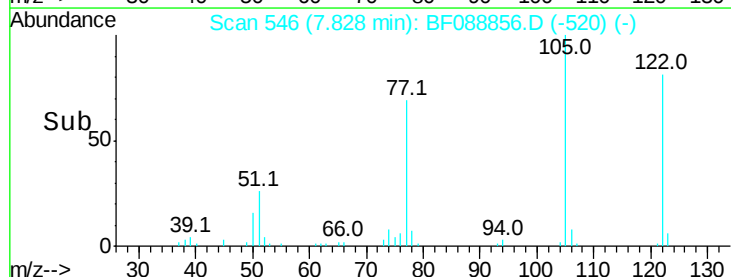
77 85.0 70.6 110.6

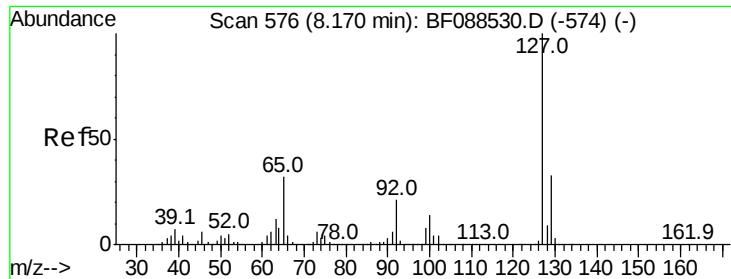


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

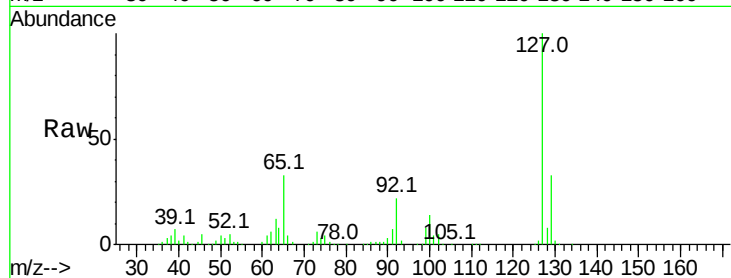




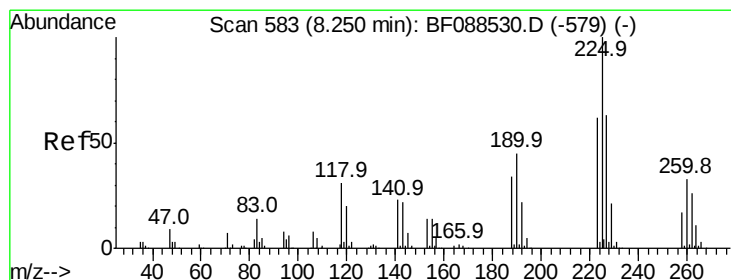
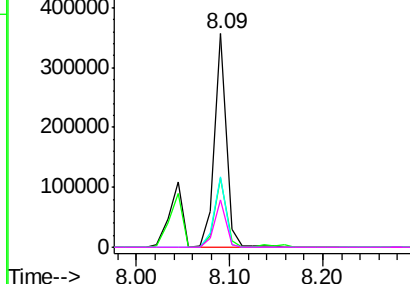
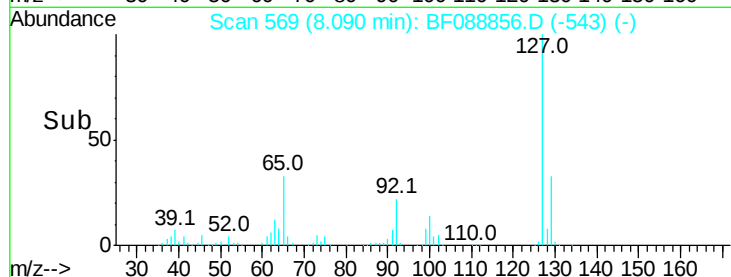
#33
4-Chloroaniline
Concen: 37.76 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	314149
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	33.2	24.7	37.1
92	22.1	15.4	23.0

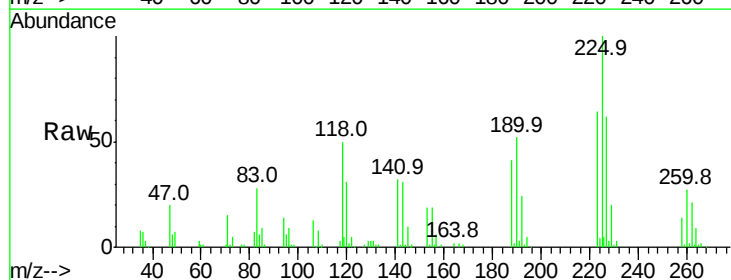


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

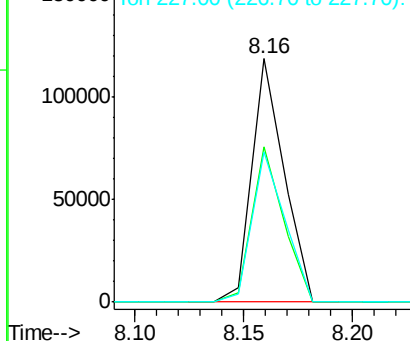
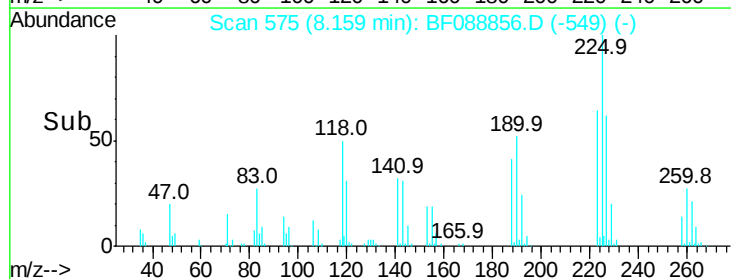


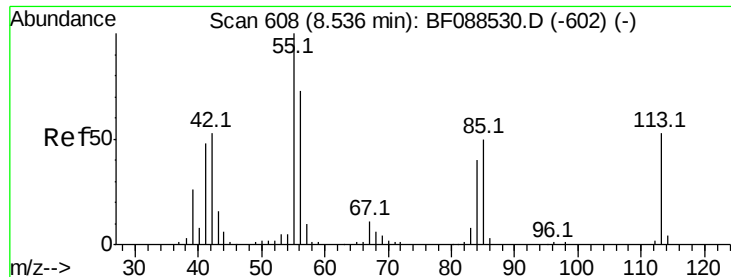
#34
Hexachlorobutadiene
Concen: 41.34 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:	225	Resp:	122356
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	61.5	51.9	77.9



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

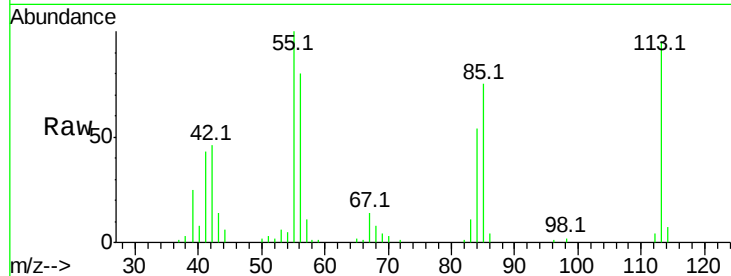




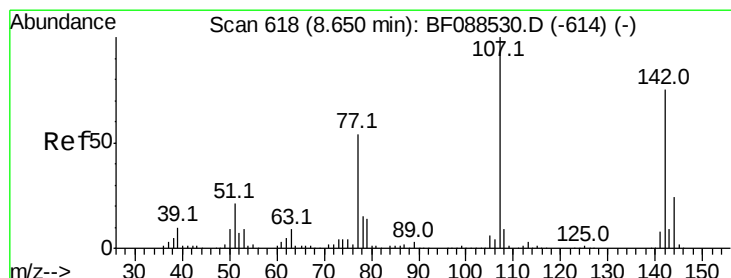
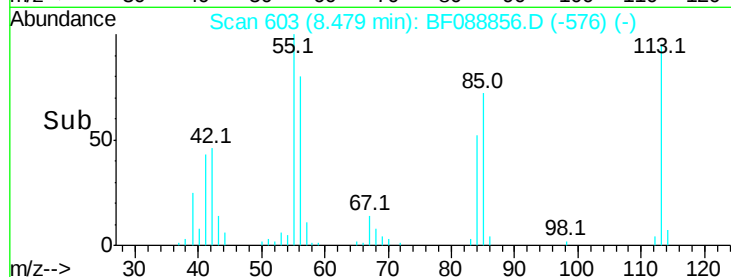
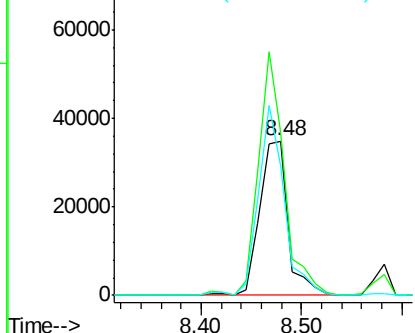
#35
 Caprolactam
 Concen: 39.93 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 68317
 Ion Ratio Lower Upper
 113 100
 55 105.4 158.6 198.6#
 56 83.9 110.6 150.6#

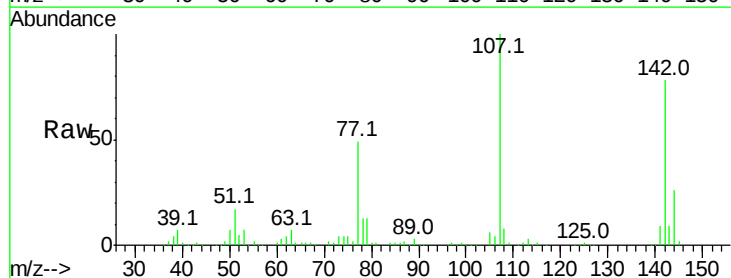


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

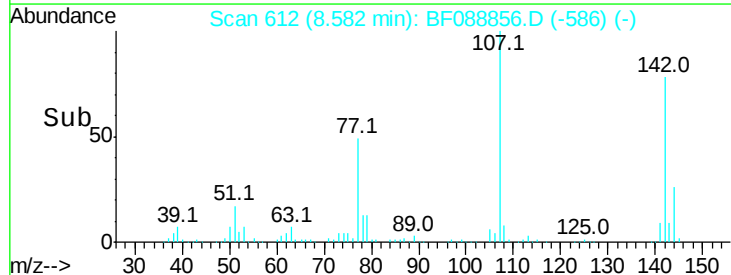
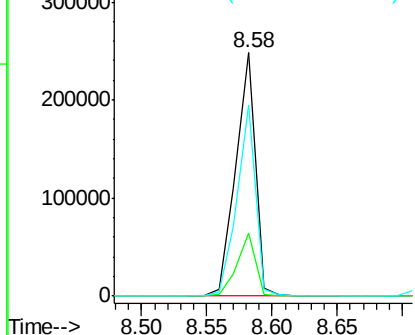


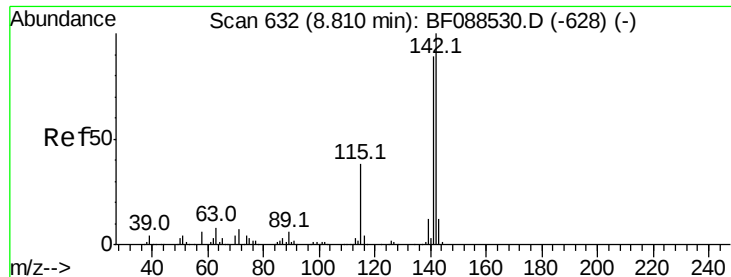
#36
 4-Chloro-3-methylphenol
 Concen: 43.25 ng
 RT: 8.58 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion:107 Resp: 257604
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.8 31.2
 142 78.2 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.15 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.10 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

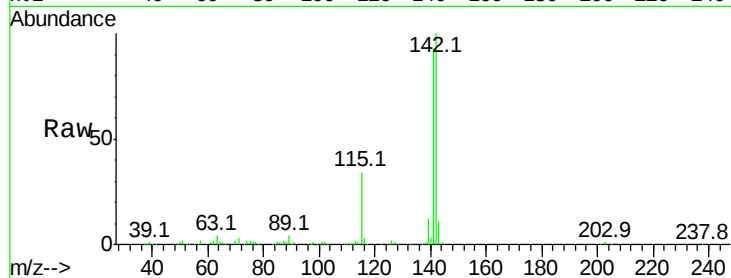
Tot Ion:142 Resp: 435229

Ion Ratio Lower Upper

142 100

141 92.5 71.0 106.6

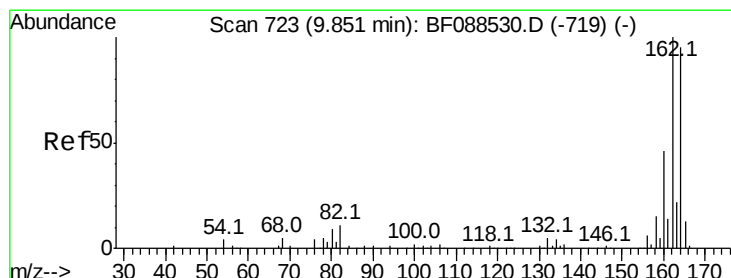
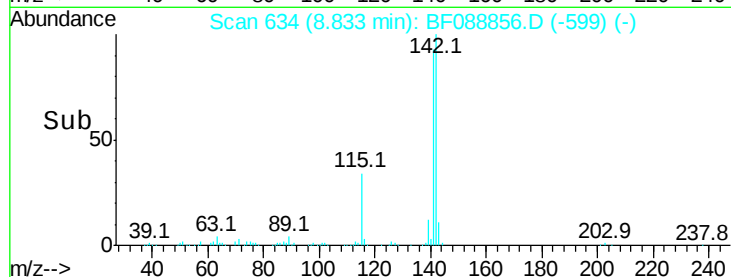
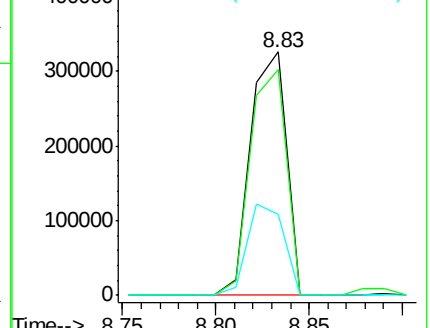
115 33.5 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

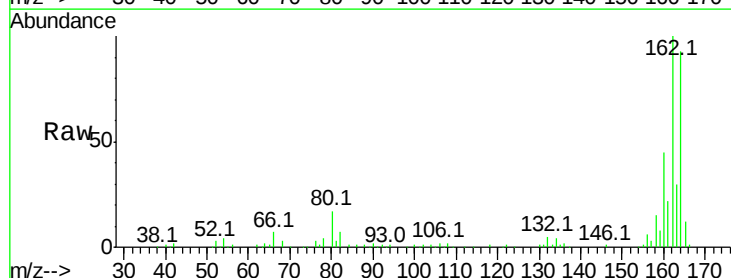
Tgt Ion:164 Resp: 170872

Ion Ratio Lower Upper

164 100

162 107.7 85.4 128.2

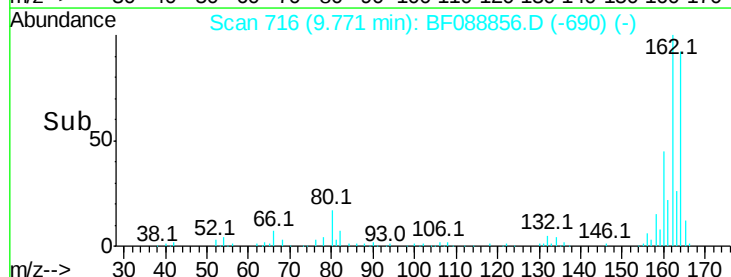
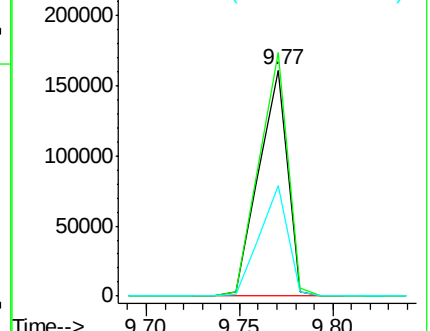
160 48.7 39.5 59.3

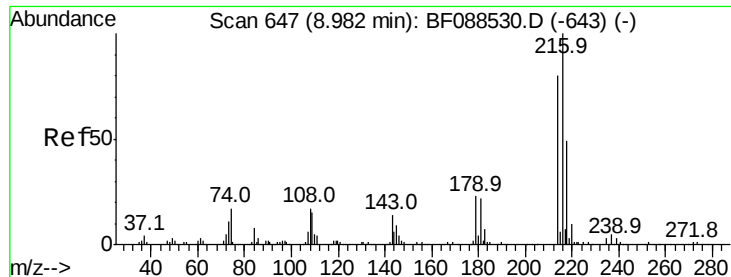


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.18 ng

RT: 8.90 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 262480

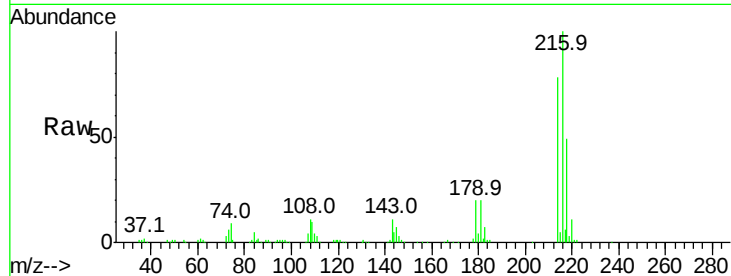
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 22.6 0.0 0.0#

108 18.3 0.5 0.7#

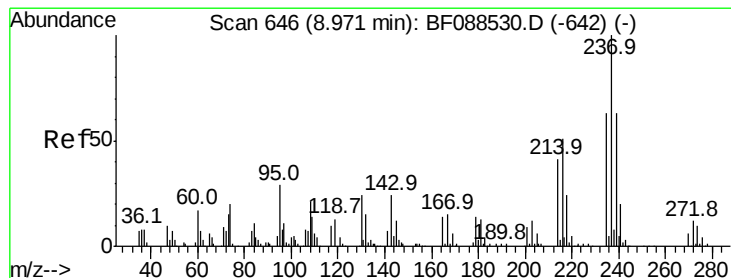
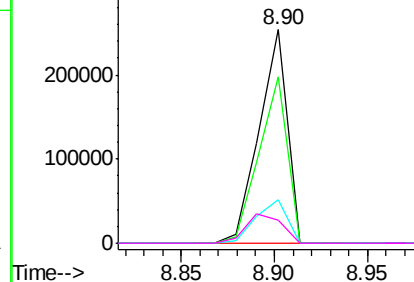
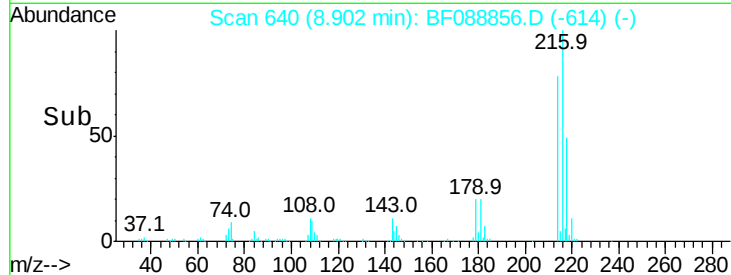


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.56 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

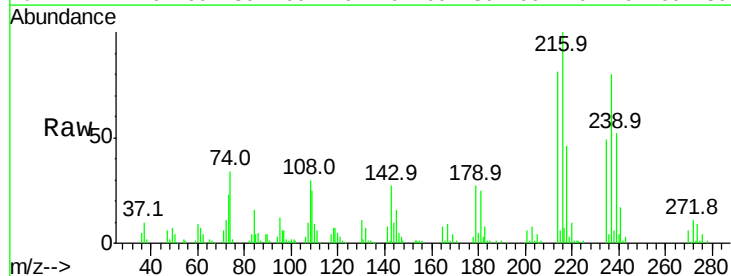
Tgt Ion:237 Resp: 93614

Ion Ratio Lower Upper

237 100

235 61.7 43.4 83.4

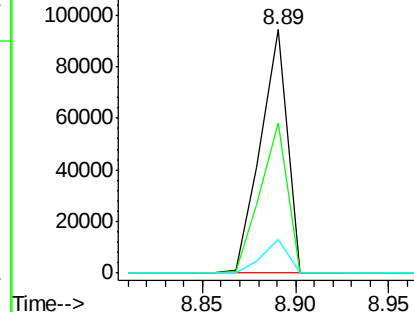
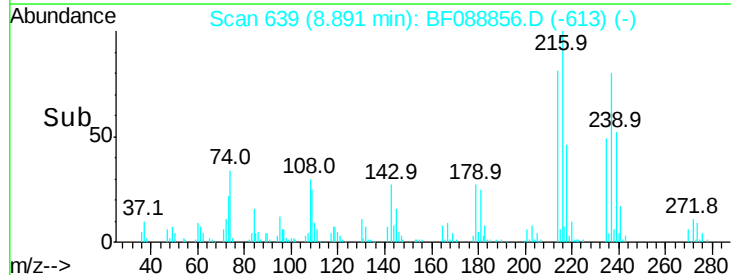
272 13.7 0.0 32.3

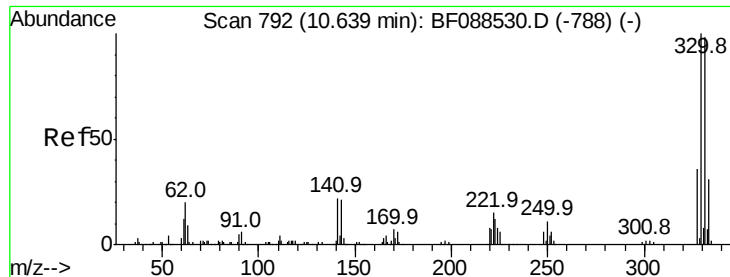


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

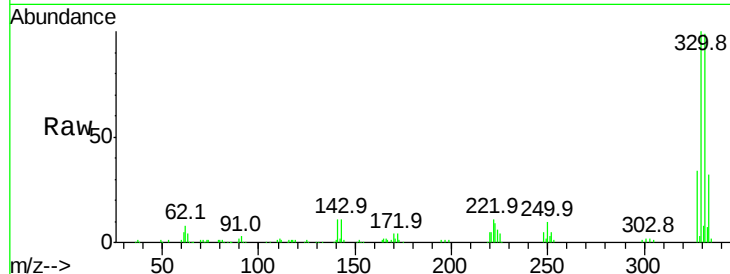




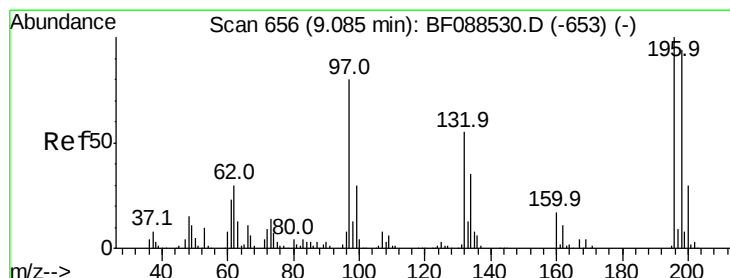
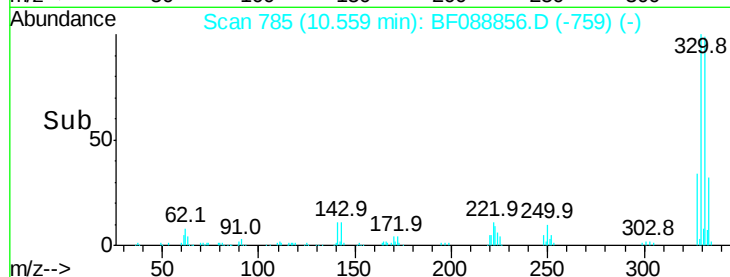
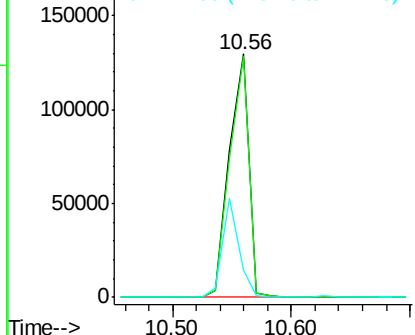
#41
 2,4,6-Tribromophenol
 Concen: 93.44 ng
 RT: 10.56 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 148265
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 33.8 0.0 0.0#

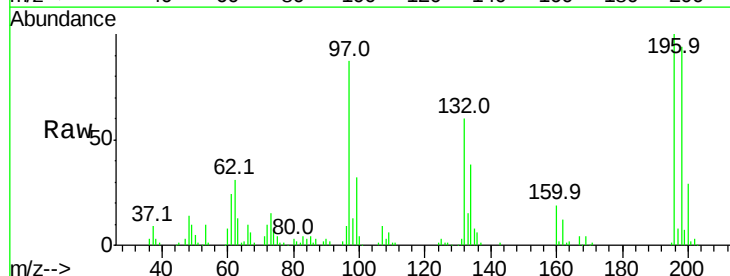


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

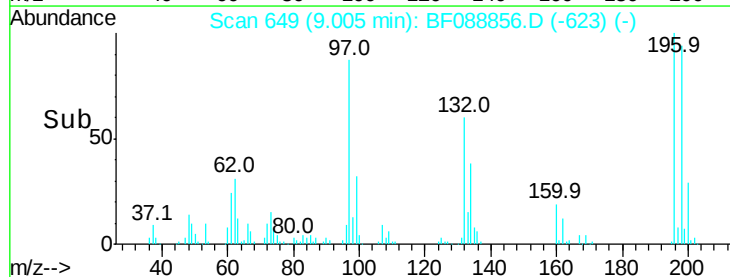
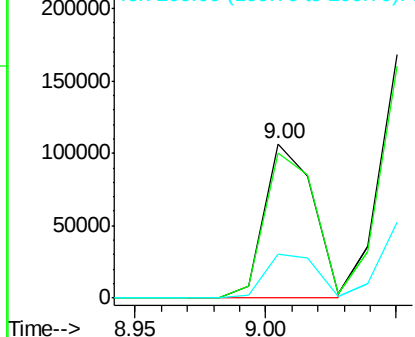


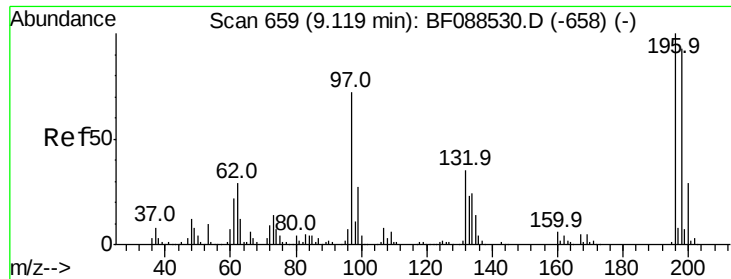
#42
 2,4,6-Trichlorophenol
 Concen: 37.01 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion:196 Resp: 138676
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.0 117.0
 200 28.7 25.4 38.2



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

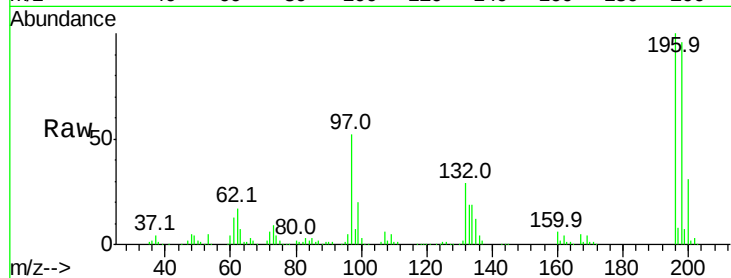




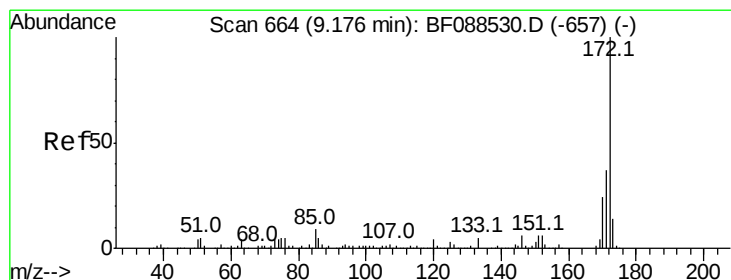
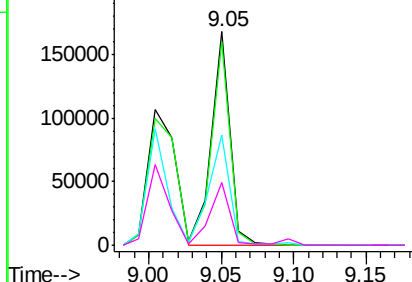
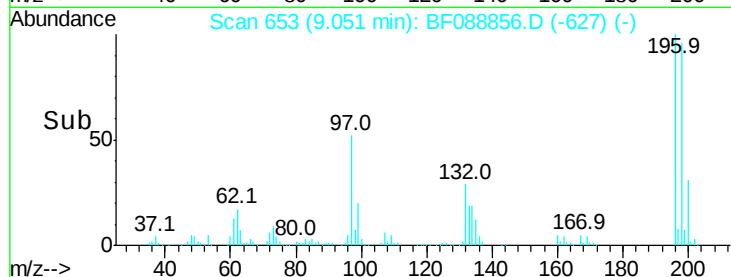
#43
 2,4,5-Trichlorophenol
 Concen: 46.26 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 149135
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.5 116.3
 97 51.7 32.0 48.0#
 132 29.2 20.9 31.3

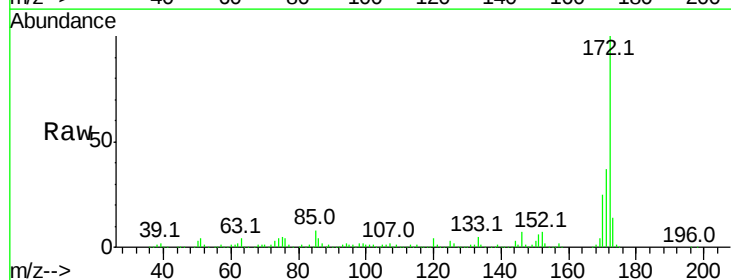


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

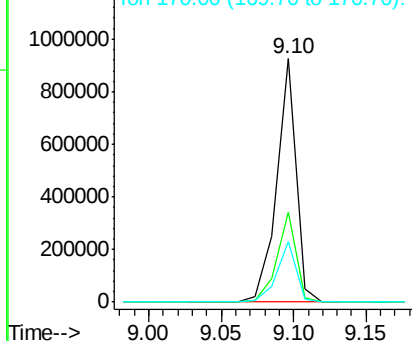
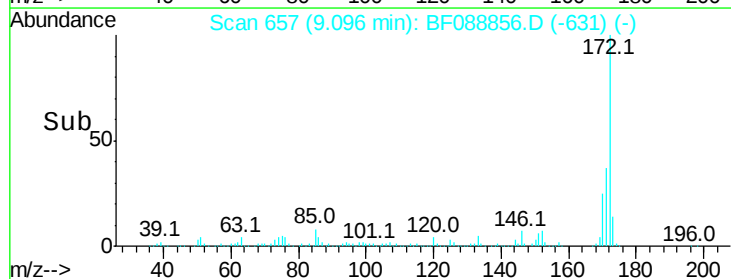


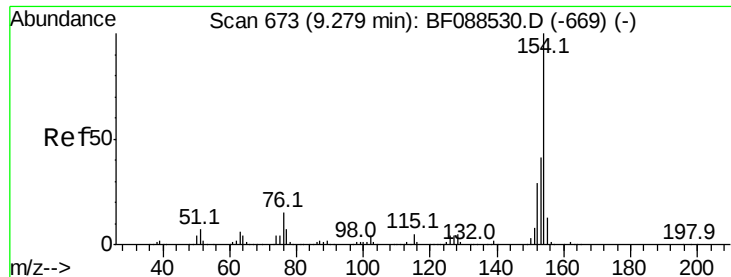
#44
 2-Fluorobiphenyl
 Concen: 78.91 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion:172 Resp: 853575
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 43.0
 170 24.7 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 45.28 ng

RT: 9.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

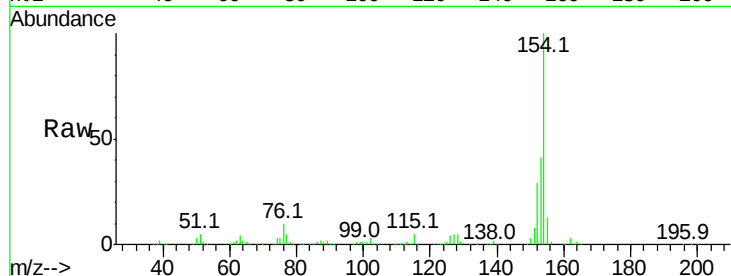
Tot Ion:154 Resp: 640714

Ion Ratio Lower Upper

154 100

153 41.4 20.6 60.6

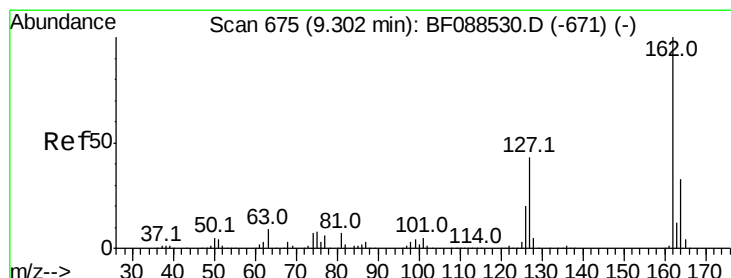
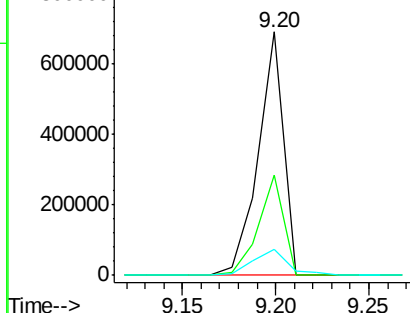
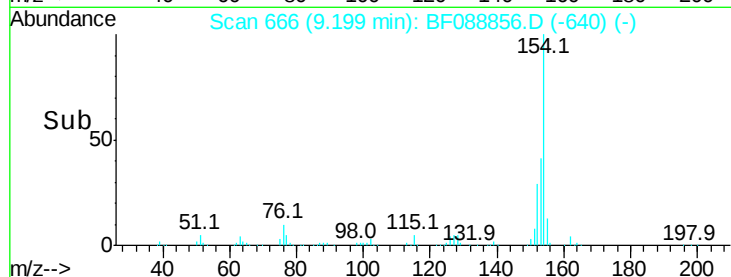
76 10.5 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.88 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

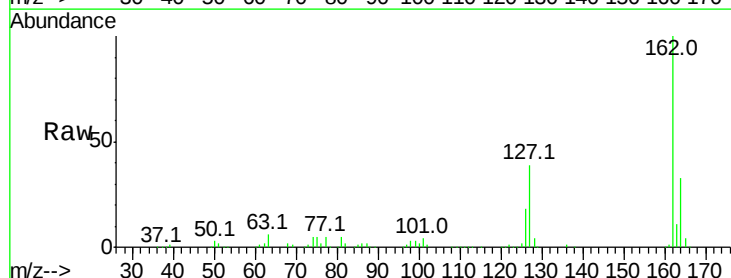
Tgt Ion:162 Resp: 476285

Ion Ratio Lower Upper

162 100

127 39.4 35.2 52.8

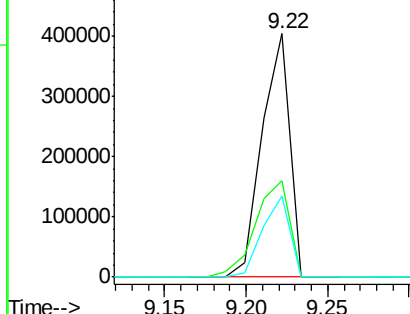
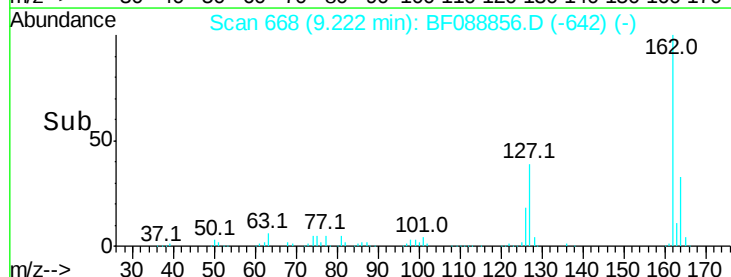
164 33.4 26.6 39.8

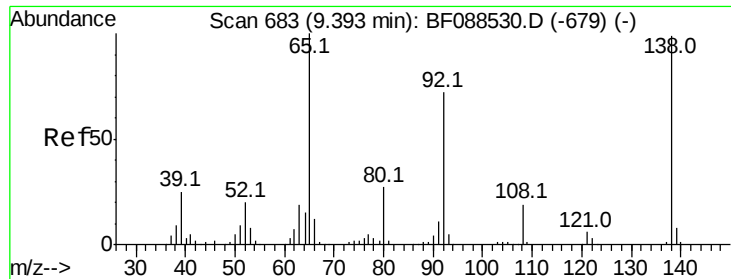


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

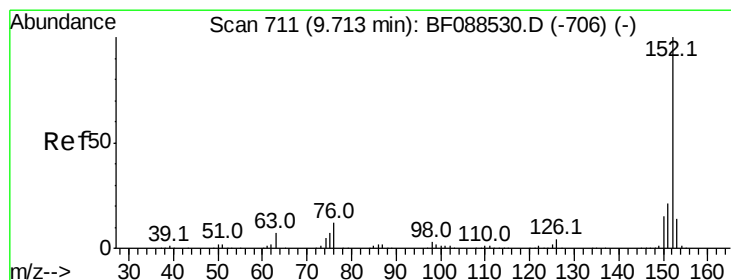
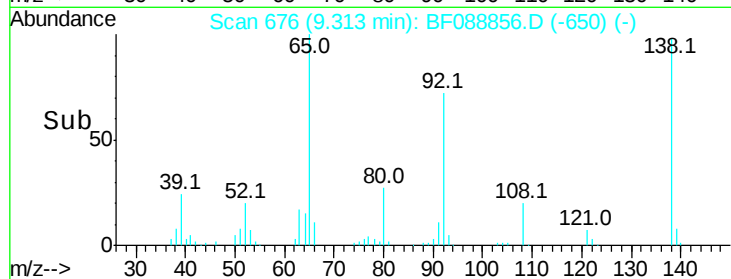
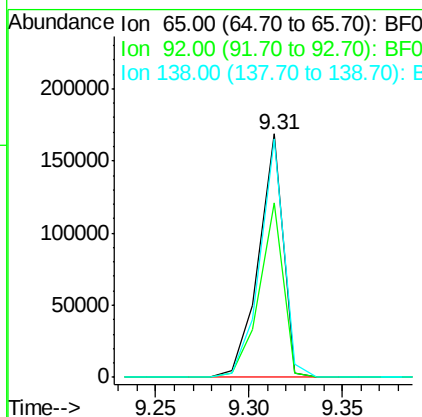
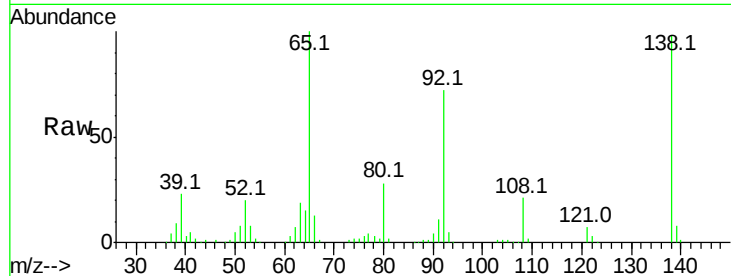




#47
 2-Nitroaniline
 Concen: 39.43 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

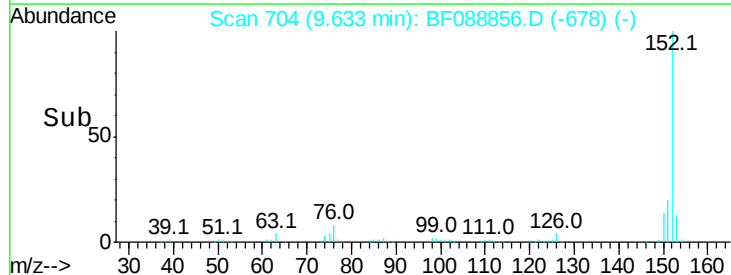
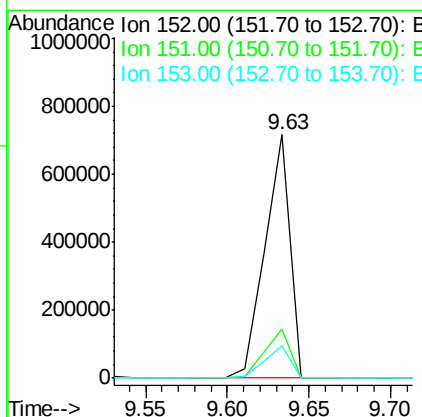
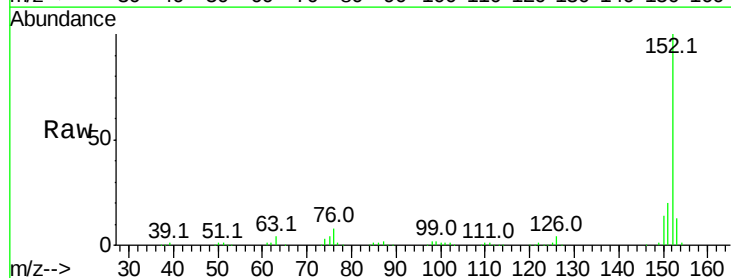
Instrument :
 BNA_F
 ClientSampled :

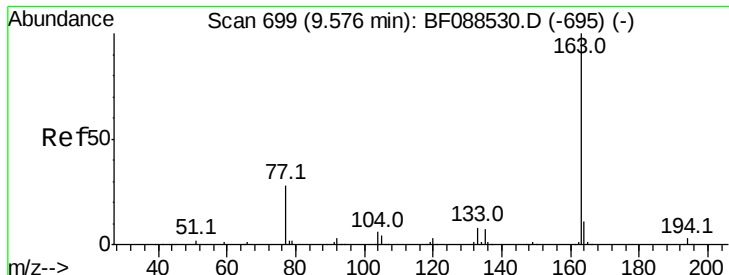
Tot Ion: 65 Resp: 155421
 Ion Ratio Lower Upper
 65 100
 92 71.6 54.6 82.0
 138 97.9 77.0 115.4



#48
 Acenaphthylene
 Concen: 43.15 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion: 152 Resp: 762665
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4
 153 13.1 11.0 16.6

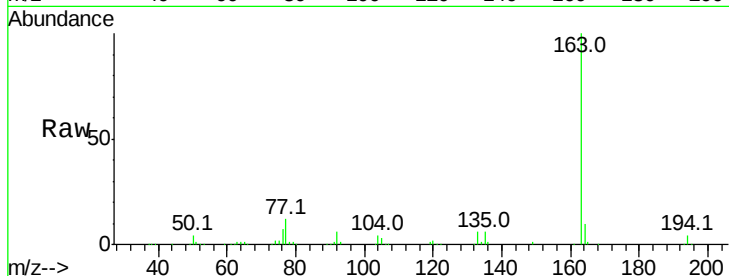




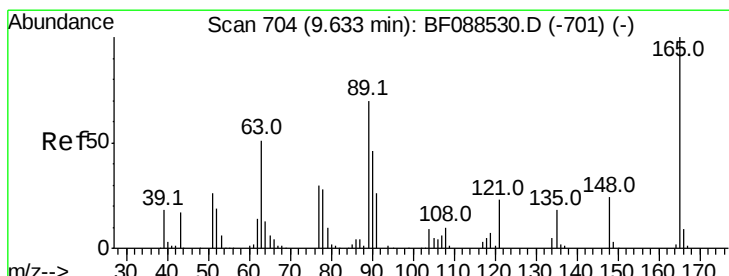
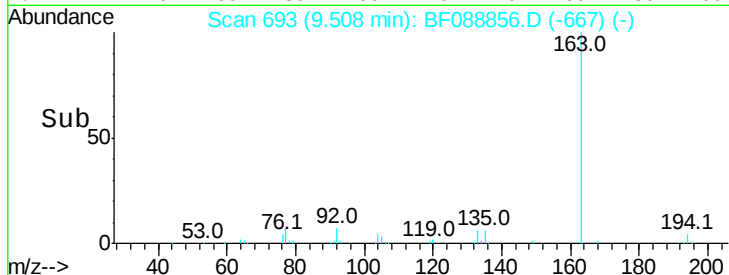
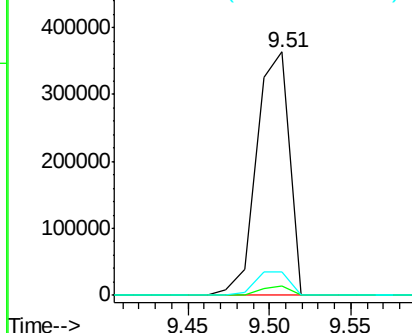
#49
Dimethylphthalate
Concen: 41.59 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 506234
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.5 8.3 12.5

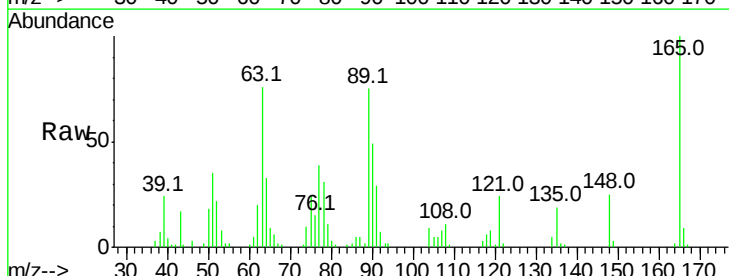


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

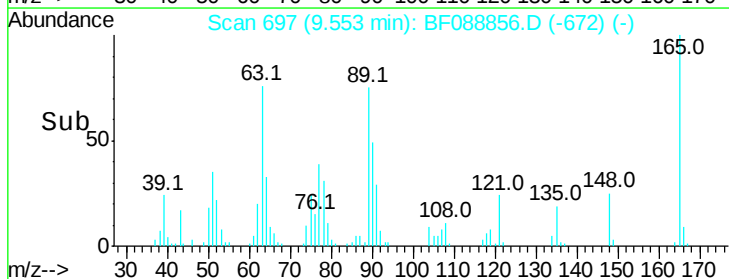
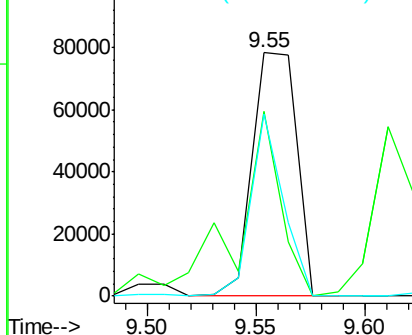


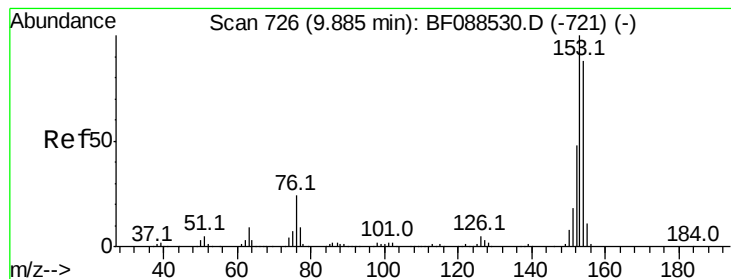
#50
2,6-Dinitrotoluene
Concen: 41.30 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:165 Resp: 111419
Ion Ratio Lower Upper
165 100
63 75.9 28.1 42.1#
89 74.8 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.02 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

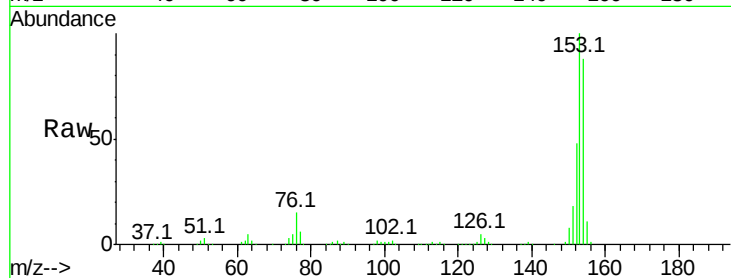
Tot Ion:154 Resp: 476856

Ion Ratio Lower Upper

154 100

153 113.2 89.5 134.3

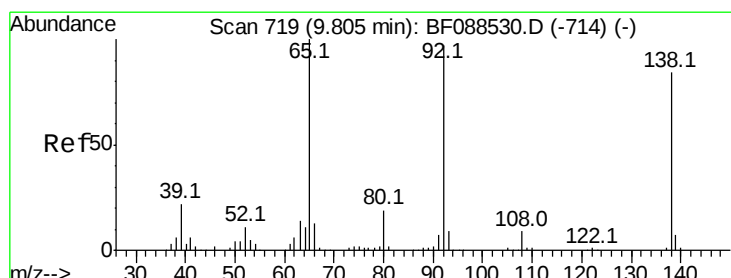
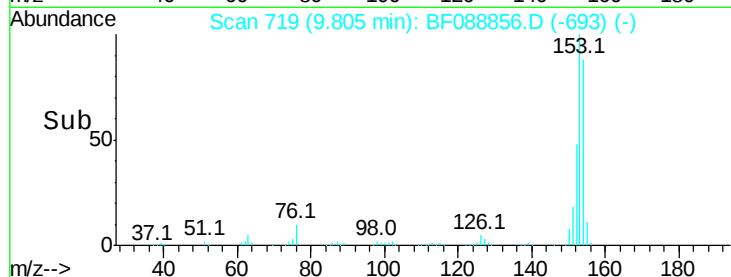
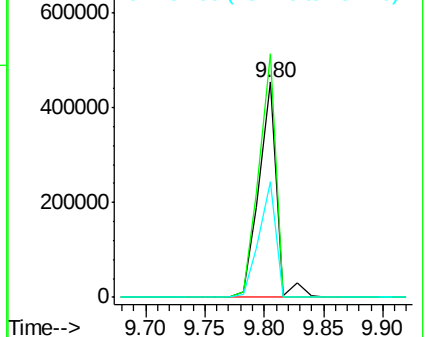
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.88 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

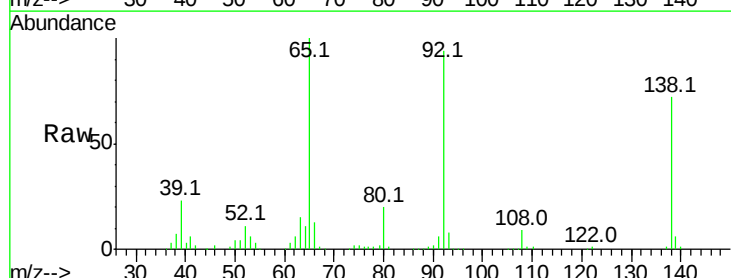
Tgt Ion:138 Resp: 129918

Ion Ratio Lower Upper

138 100

108 12.1 8.5 12.7

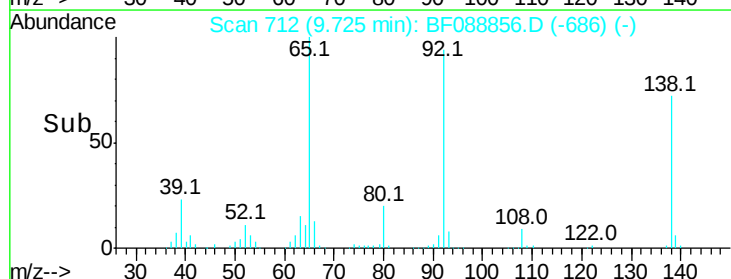
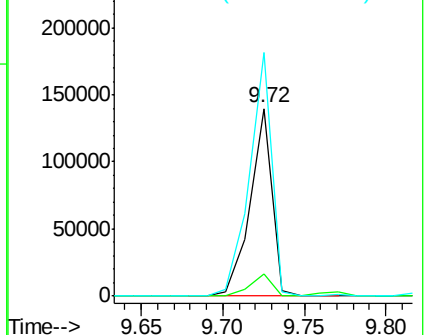
92 129.8 95.7 143.5

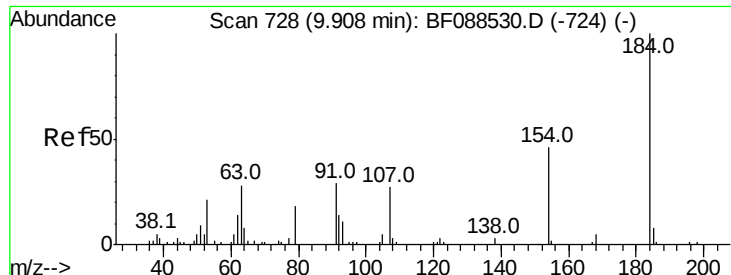


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

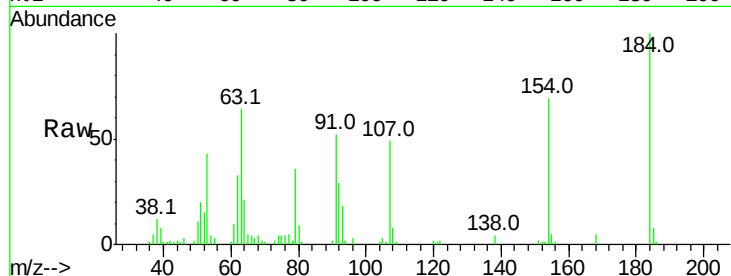




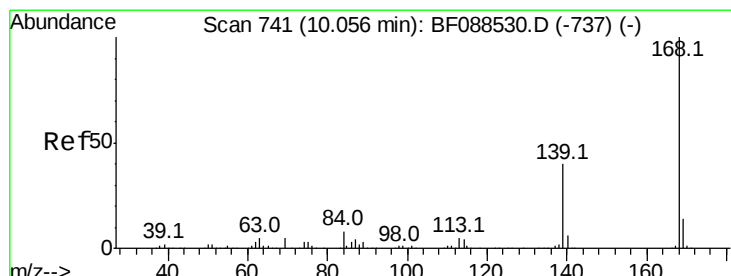
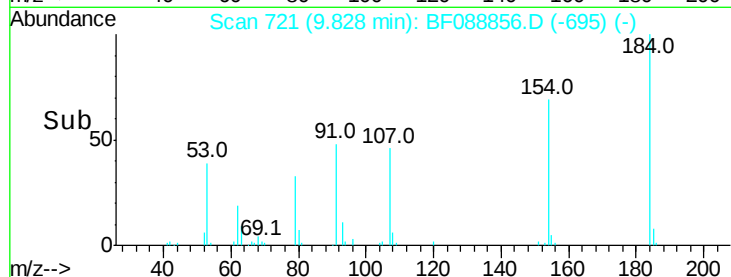
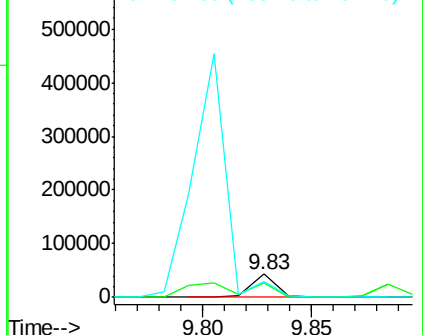
#53
2,4-Dinitrophenol
Concen: 29.98 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 35712
Ion Ratio Lower Upper
184 100
63 63.8 57.6 86.4
154 69.0 53.5 80.3

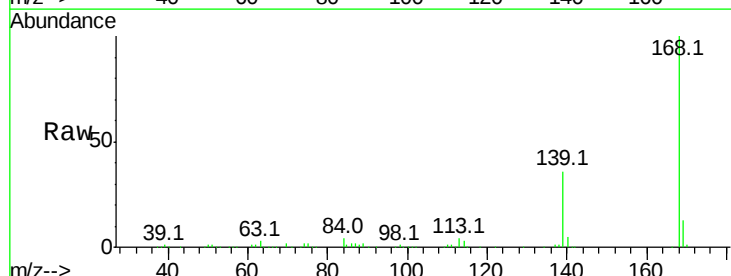


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

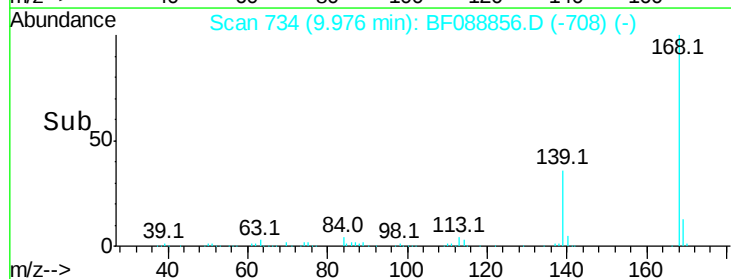
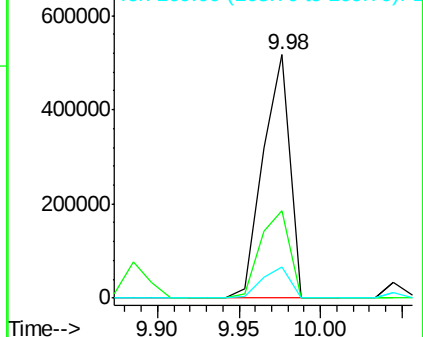


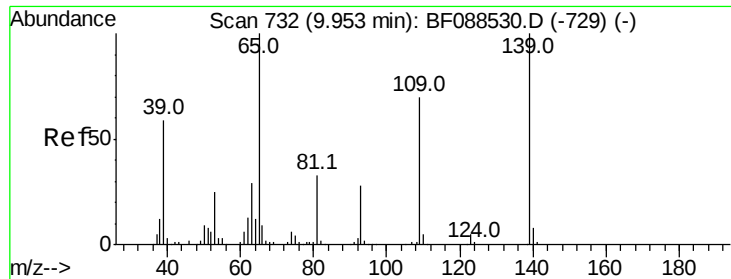
#54
Dibenzofuran
Concen: 41.37 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:168 Resp: 586575
Ion Ratio Lower Upper
168 100
139 35.8 26.4 39.6
169 13.0 10.4 15.6



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

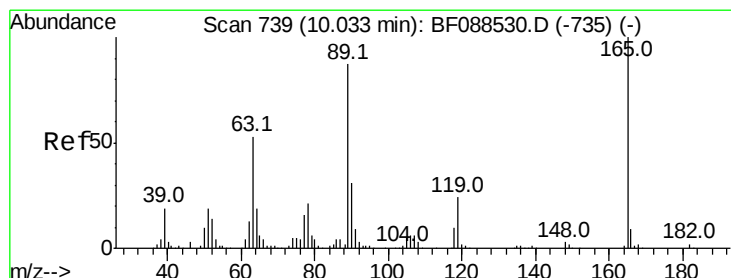
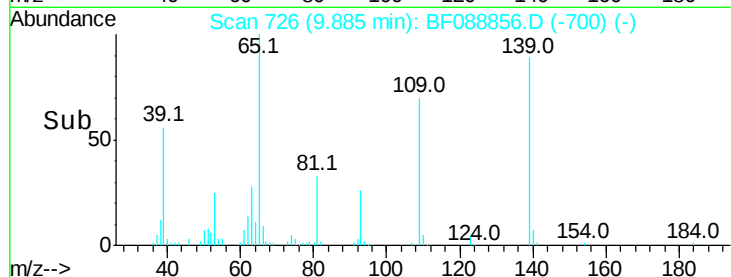
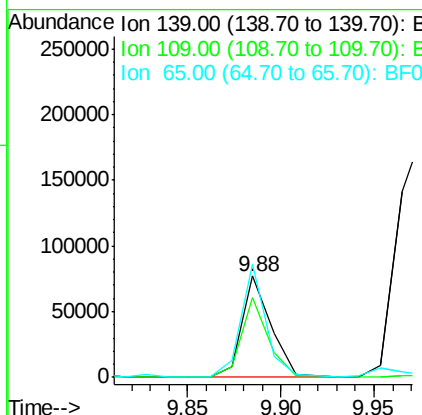
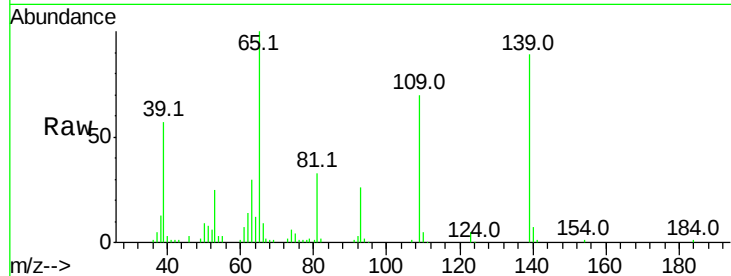




#55
4-Nitrophenol
Concen: 32.29 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

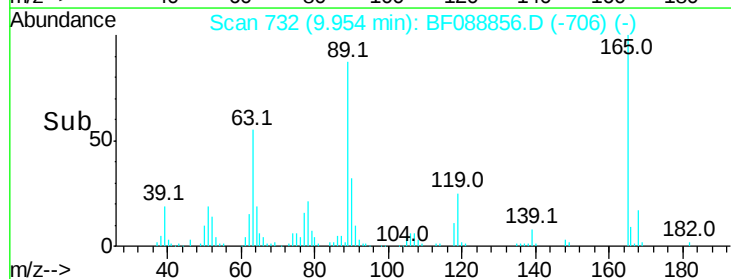
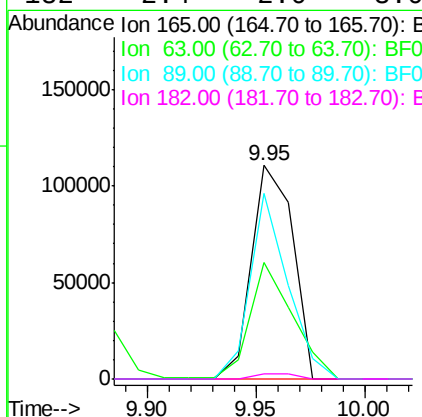
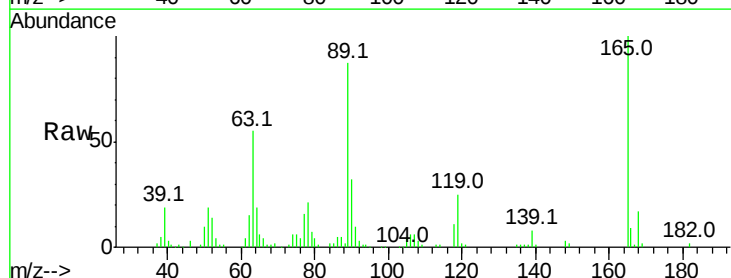
Instrument :
BNA_F
ClientSampleId :

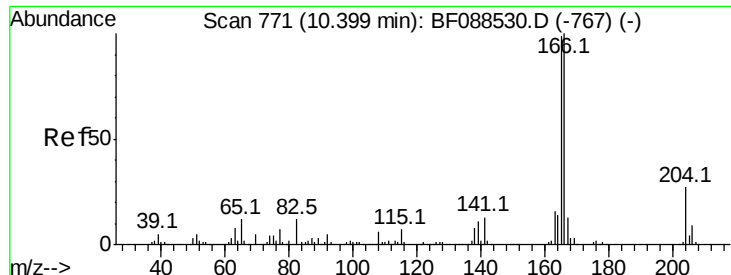
Tot Ion:139 Resp: 84153
Ion Ratio Lower Upper
139 100
109 78.7 48.9 88.9
65 112.1 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 41.71 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:165 Resp: 147139
Ion Ratio Lower Upper
165 100
63 54.8 22.0 33.0#
89 87.2 41.1 61.7#
182 2.4 2.0 3.0

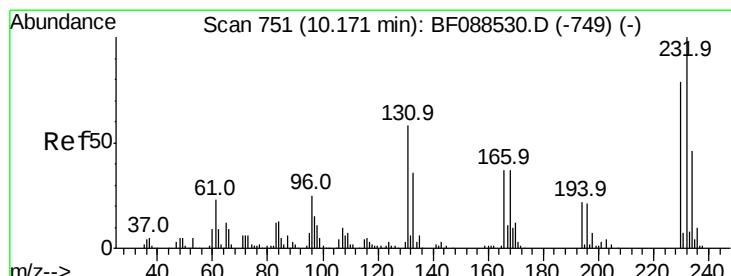
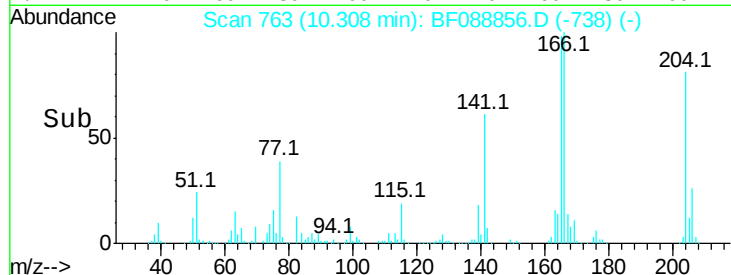
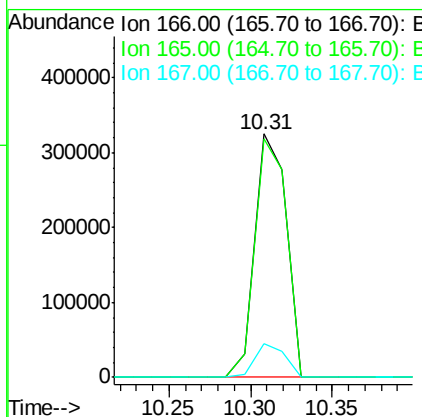
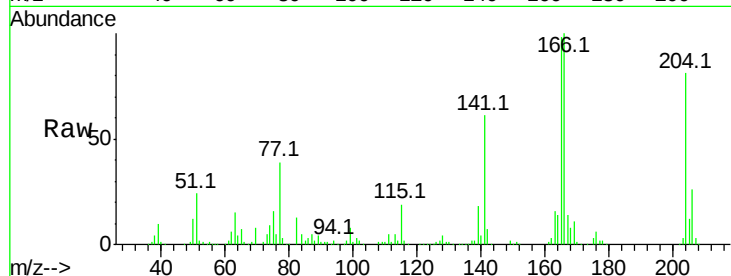




#57
Fluorene
 Concen: 39.89 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

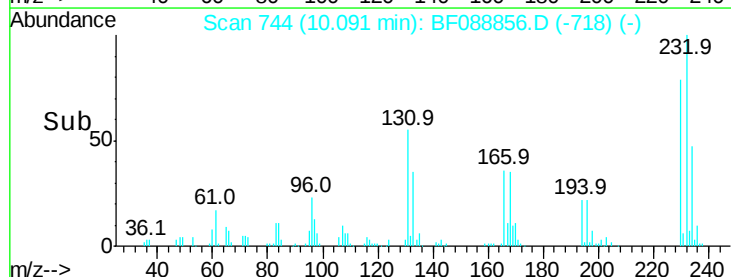
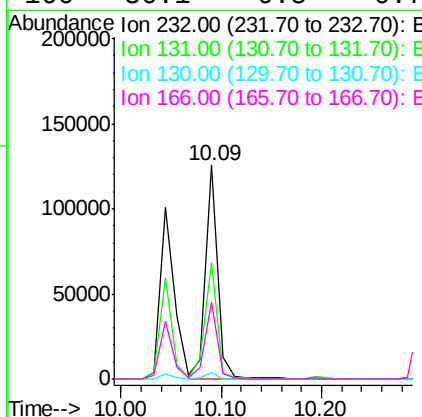
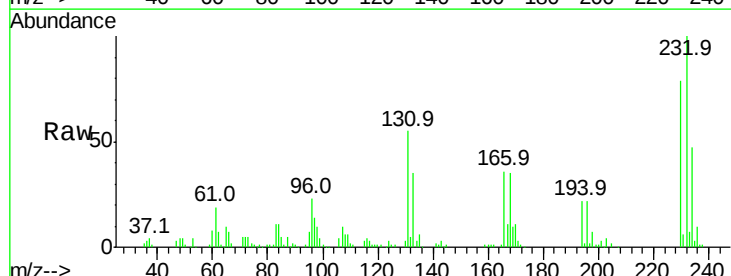
Instrument :
 BNA_F
 ClientSampleId :

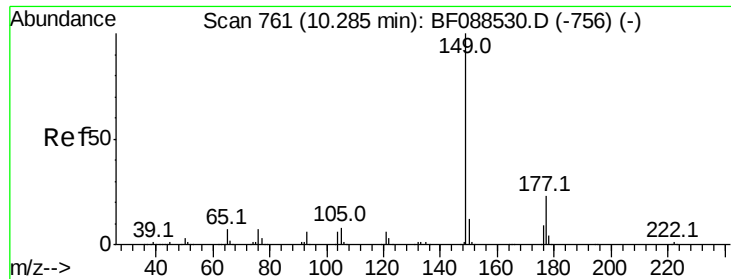
Tot Ion:	166	Resp:	435904
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	13.9	11.2	16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.61 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion:	232	Resp:	106277
Ion	Ratio	Lower	Upper
232	100		
131	55.9	0.9	1.3#
130	2.8	1.5	2.3#
166	36.1	0.5	0.7#





#59

Diethylphthalate

Concen: 39.59 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

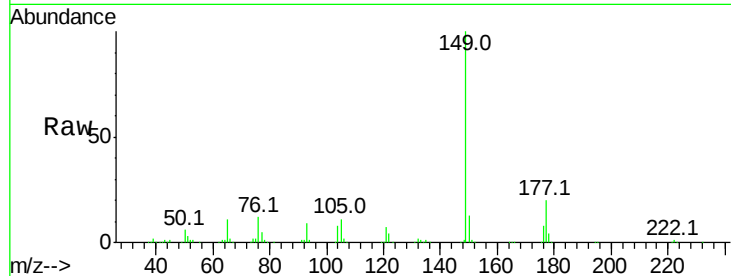
Tot Ion:149 Resp: 483702

Ion Ratio Lower Upper

149 100

177 20.1 16.9 25.3

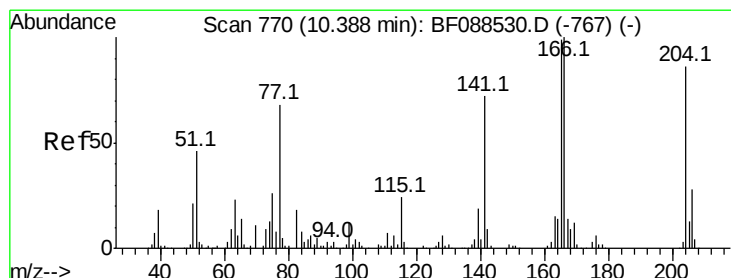
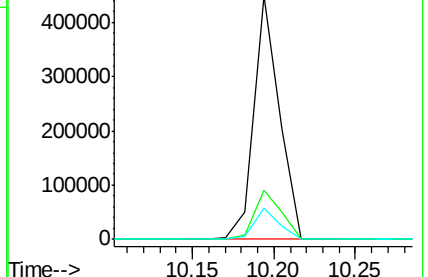
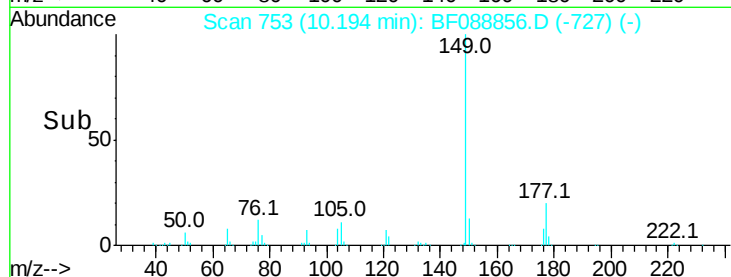
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.95 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

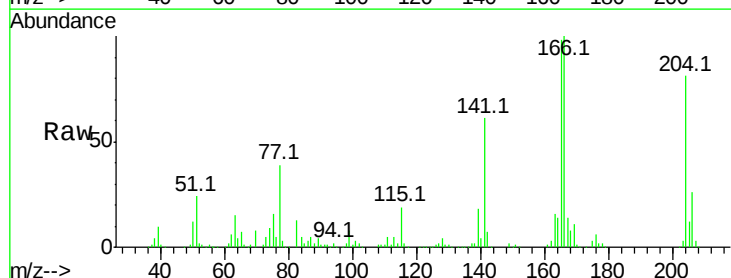
Tgt Ion:204 Resp: 207899

Ion Ratio Lower Upper

204 100

206 32.4 26.3 39.5

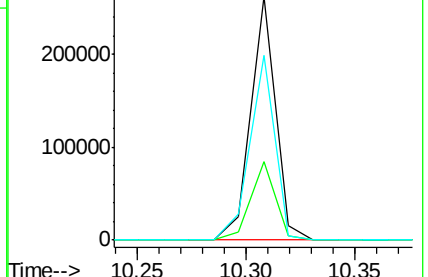
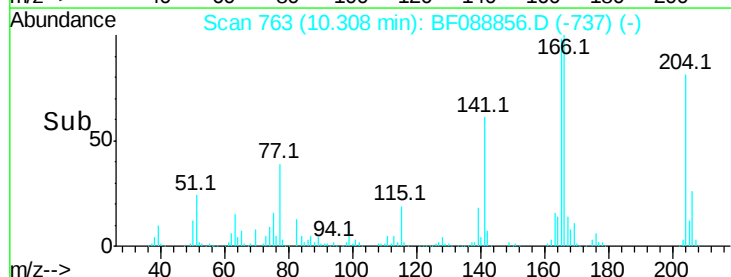
141 75.9 55.0 82.6

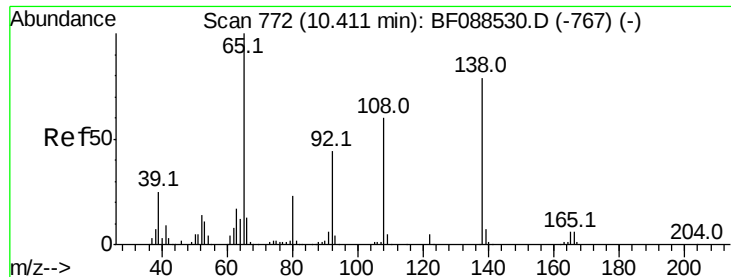


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

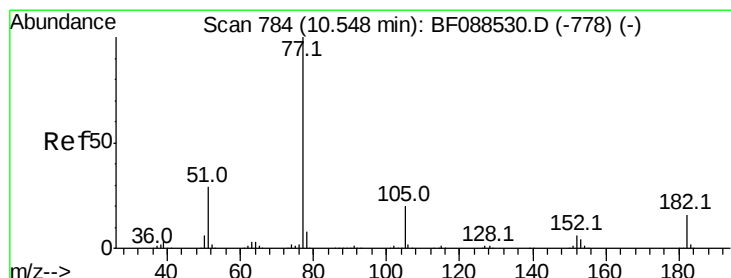
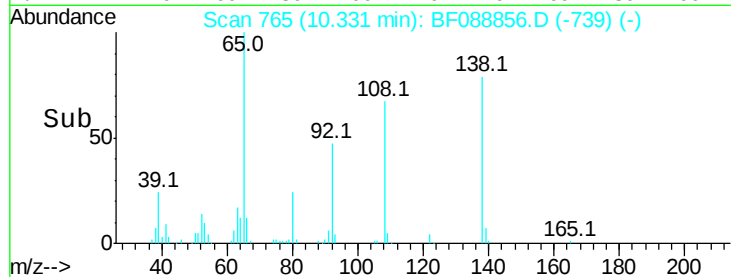
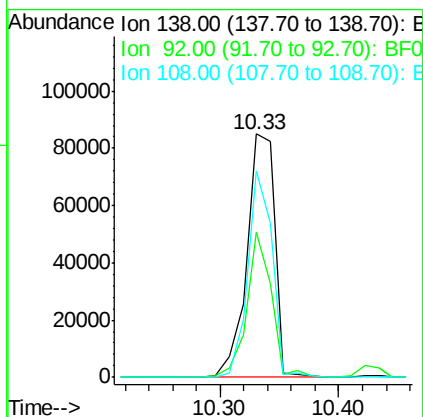
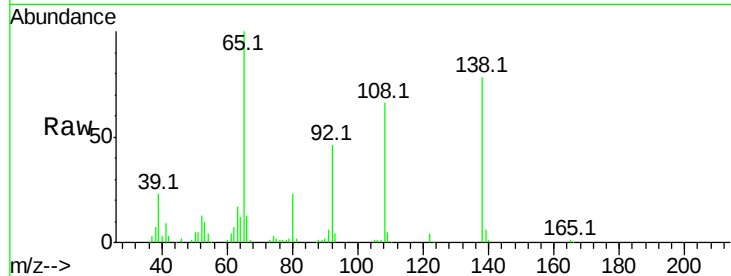




#61
4-Nitroaniline
Concen: 42.49 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

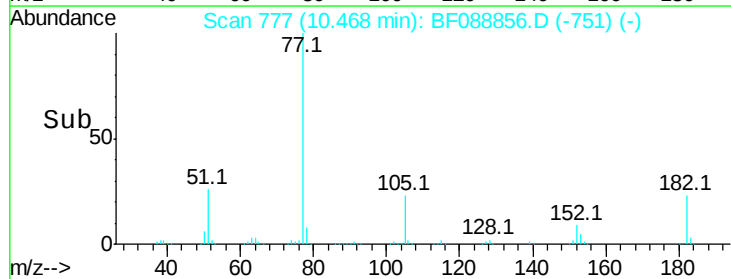
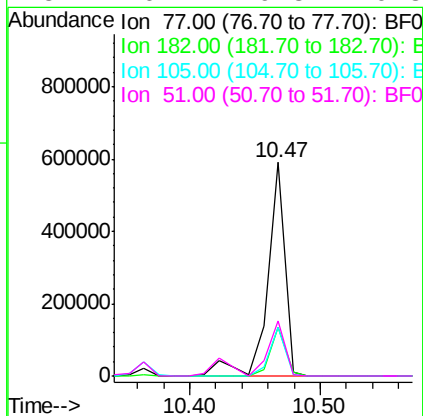
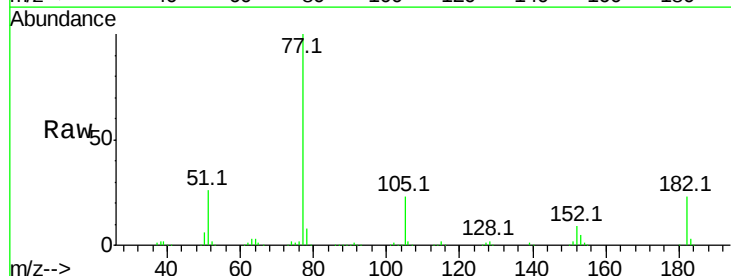
Instrument :
BNA_F
ClientSampleId :

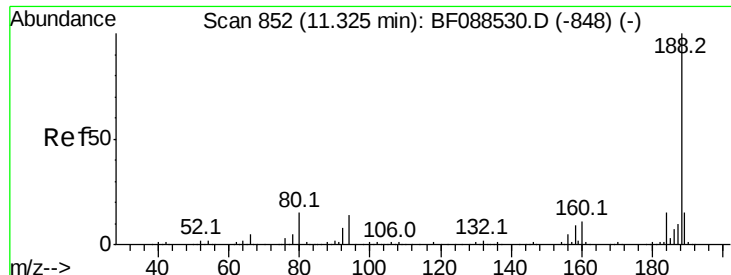
Tot Ion:138 Resp: 140231
Ion Ratio Lower Upper
138 100
92 59.5 27.3 67.3
108 84.8 46.7 86.7



#62
Azobenzene
Concen: 40.20 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion: 77 Resp: 560232
Ion Ratio Lower Upper
77 100
182 22.7 4.4 44.4
105 22.8 3.8 43.8
51 26.1 9.3 49.3

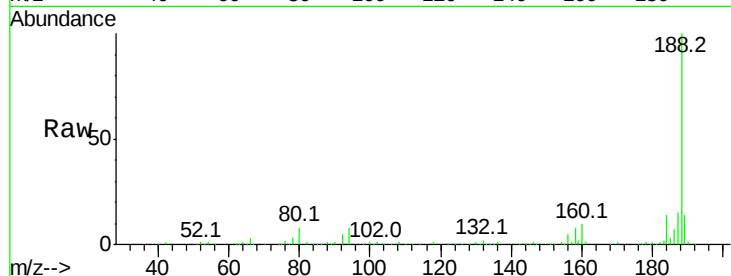




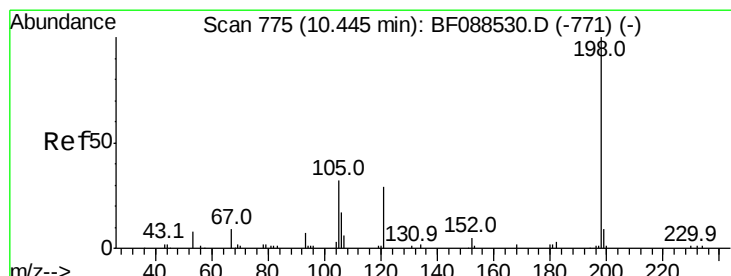
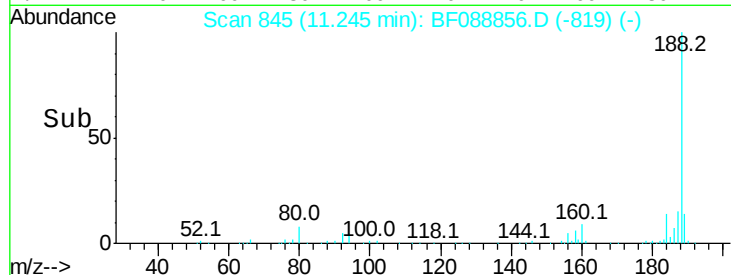
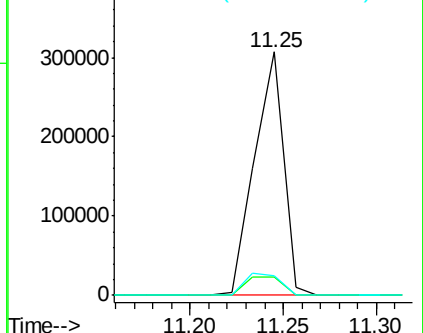
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 330260
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.6#
80 8.0 10.0 15.0#

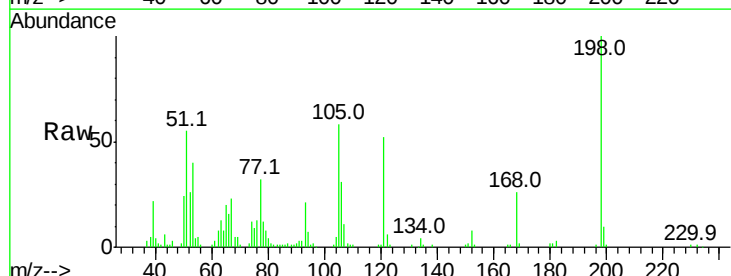


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

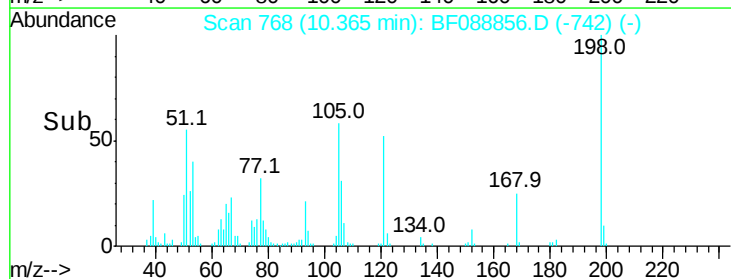
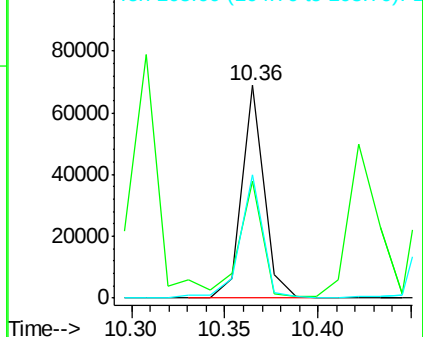


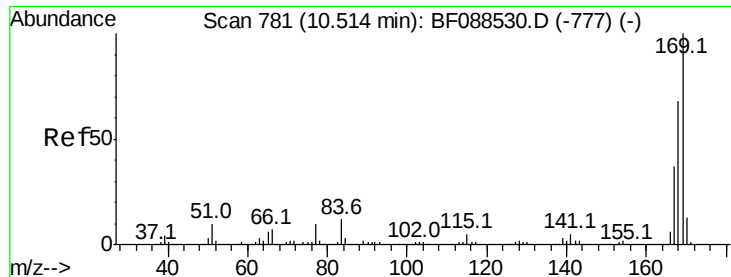
#64
4,6-Dinitro-2-methylphenol
Concen: 32.36 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:198 Resp: 57158
Ion Ratio Lower Upper
198 100
51 54.9 39.6 79.6
105 58.1 36.6 76.6



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

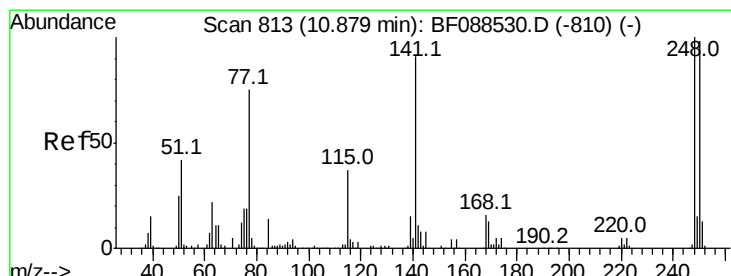
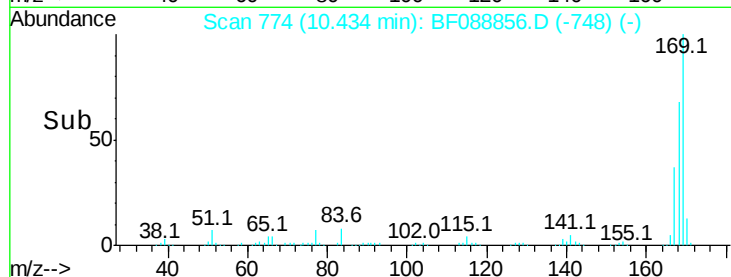
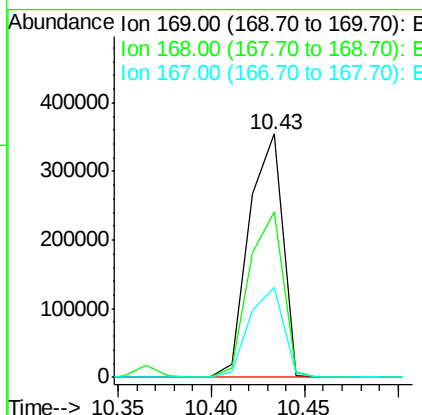
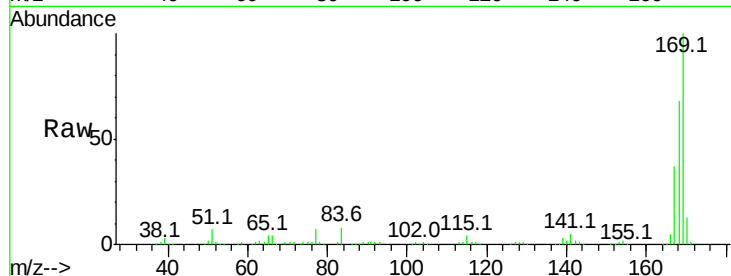




#65
 n-Nitrosodiphenylamine
 Concen: 39.56 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

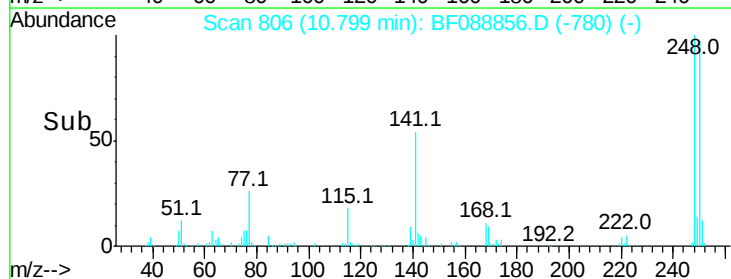
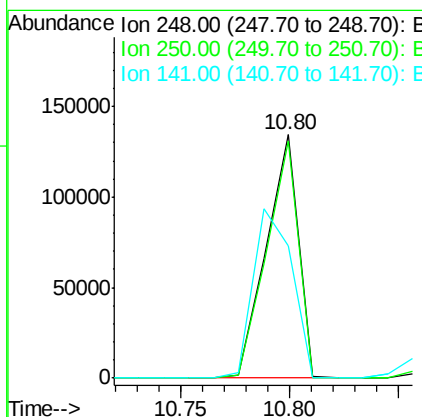
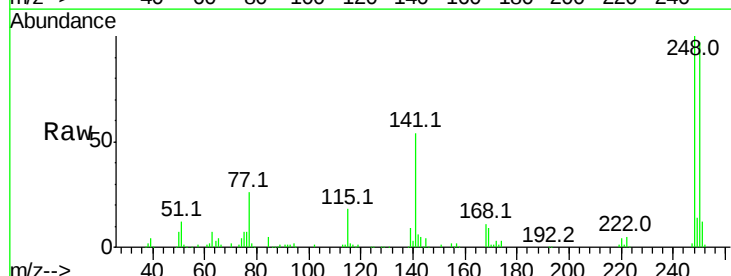
Instrument :
 BNA_F
 ClientSampleID :

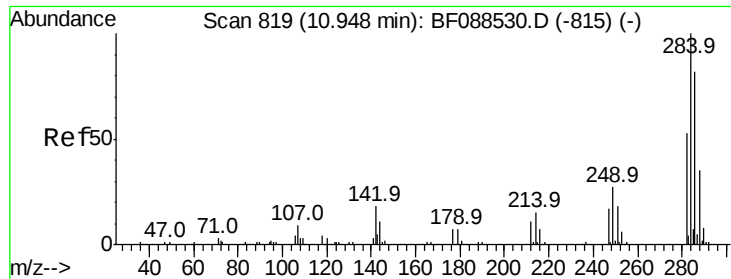
Tot Ion:169 Resp: 442163
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.4 80.0
 167 36.8 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 41.83 ng
 RT: 10.80 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion:248 Resp: 139216
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.1 115.7
 141 54.3 50.6 76.0

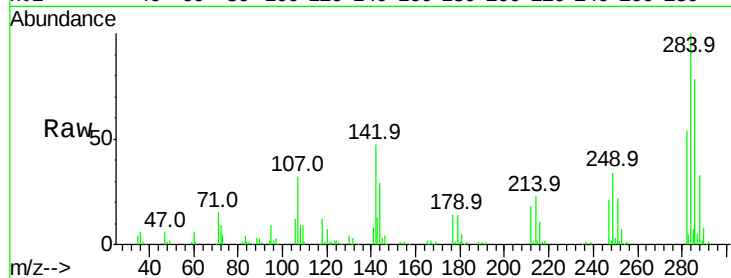




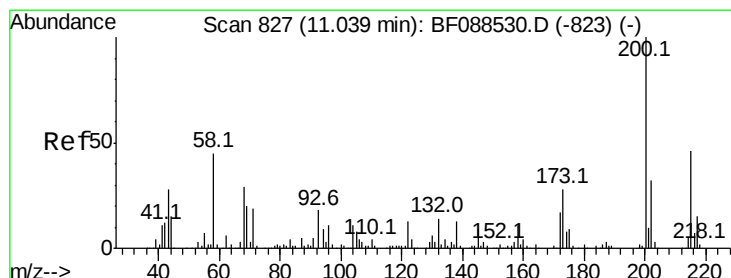
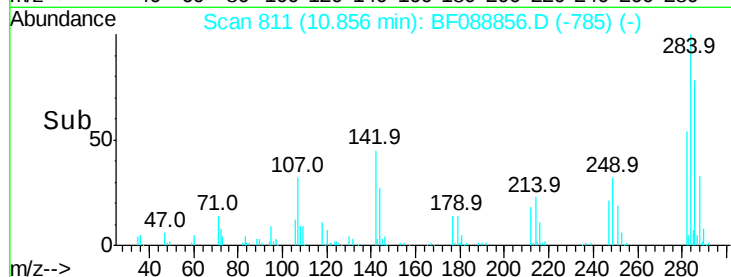
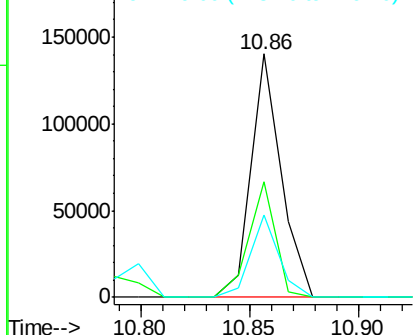
#67
Hexachlorobenzene
Concen: 36.63 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 134946
Ion Ratio Lower Upper
284 100
142 47.5 35.8 53.8
249 33.9 25.8 38.6

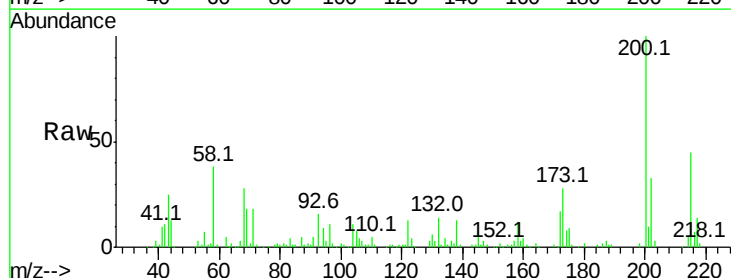


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

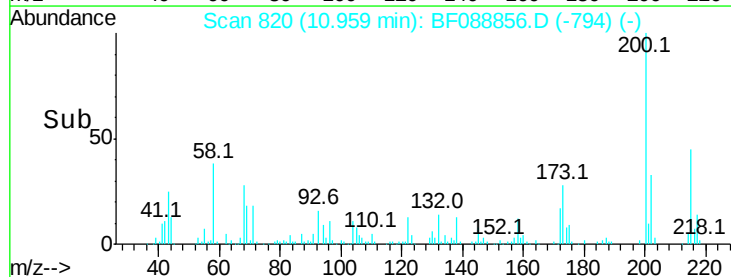
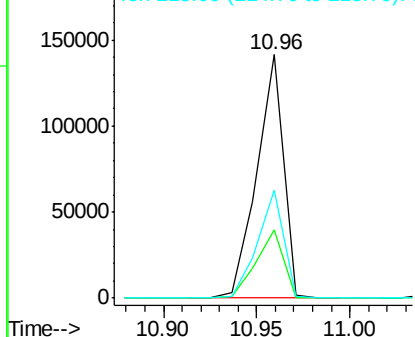


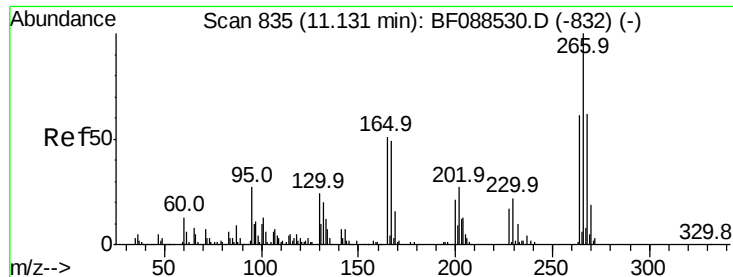
#68
Atrazine
Concen: 39.76 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:200 Resp: 138480
Ion Ratio Lower Upper
200 100
173 27.8 4.0 44.0
215 44.5 29.3 69.3



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

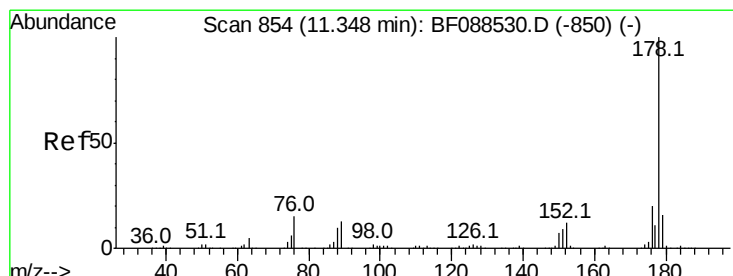
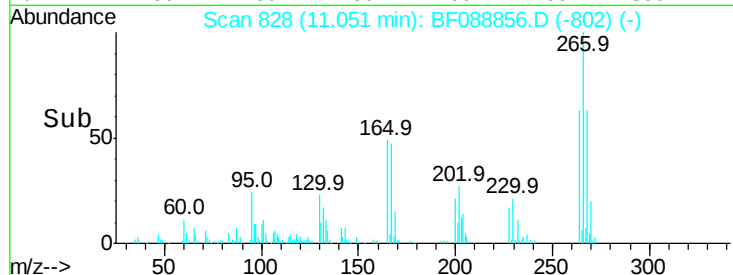
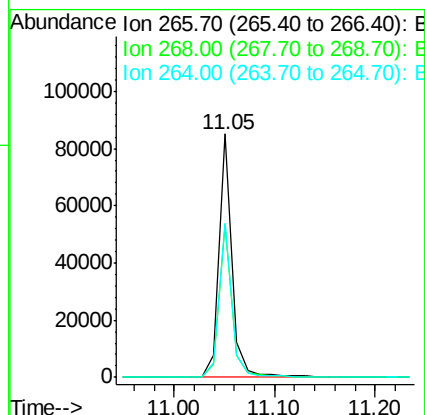
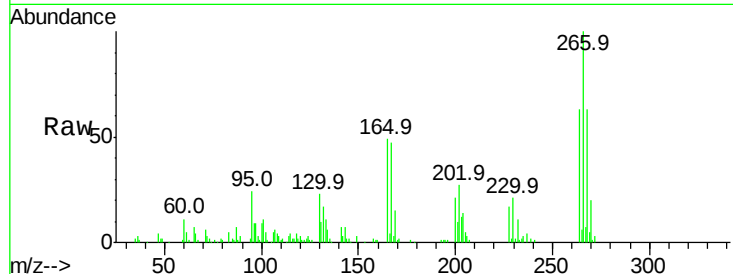




#69
 Pentachlorophenol
 Concen: 35.04 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

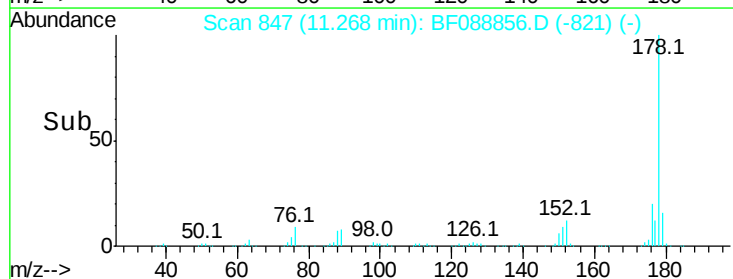
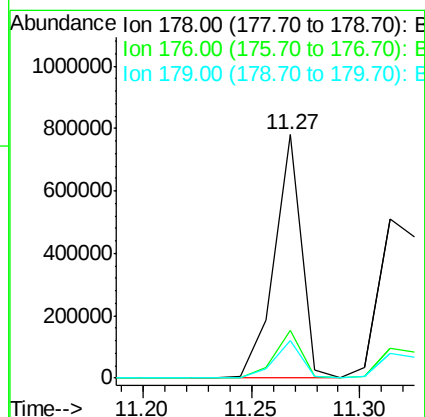
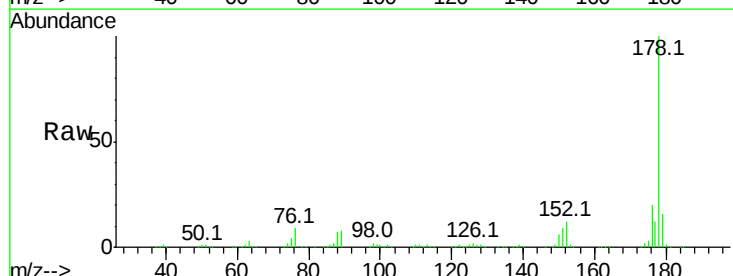
Instrument :
 BNA_F
 ClientSampleId :

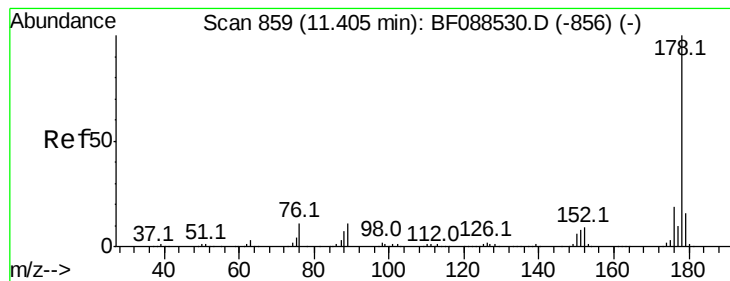
Tot Ion:266 Resp: 76393
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.8 79.2
 264 63.0 49.6 74.4



#70
 Phenanthrene
 Concen: 37.89 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion:178 Resp: 684060
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.6 13.0 19.4





#71

Anthracene

Concen: 38.20 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

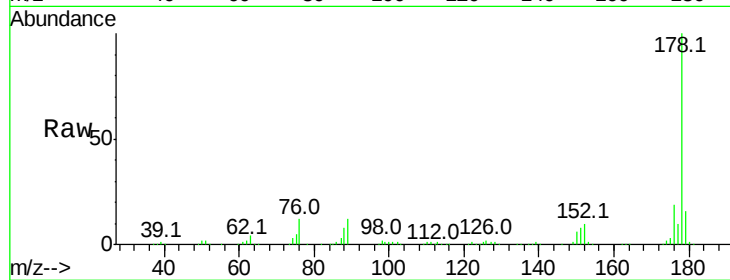
Tot Ion:178 Resp: 685706

Ion Ratio Lower Upper

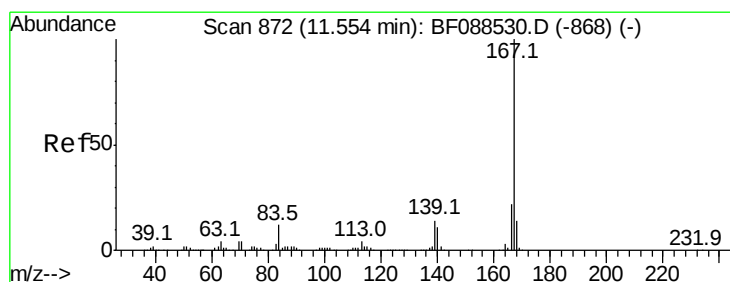
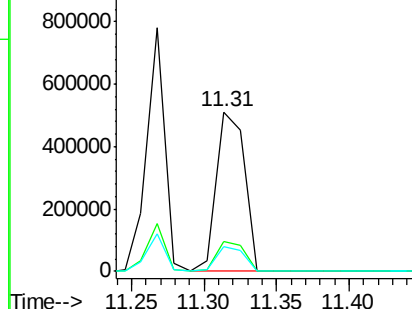
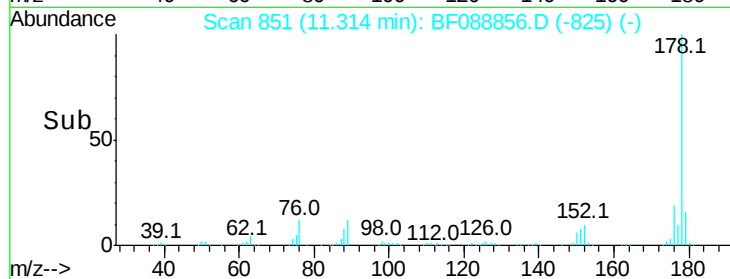
178 100

176 18.9 15.6 23.4

179 15.9 12.8 19.2



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



#72

Carbazole

Concen: 35.17 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

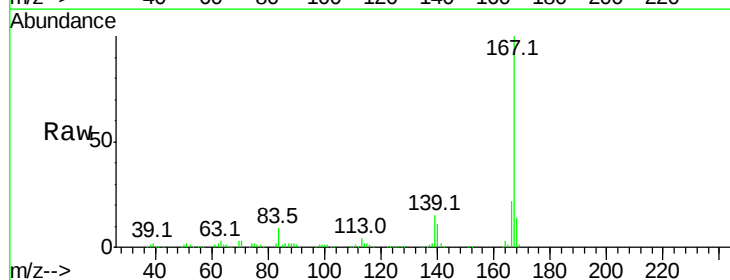
Tgt Ion:167 Resp: 594255

Ion Ratio Lower Upper

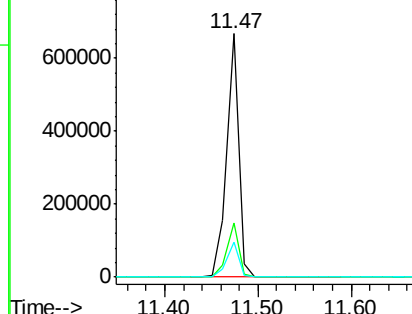
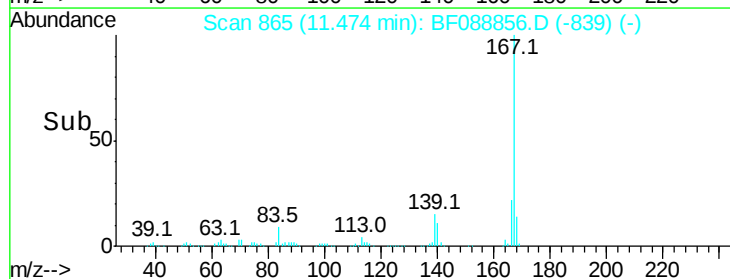
167 100

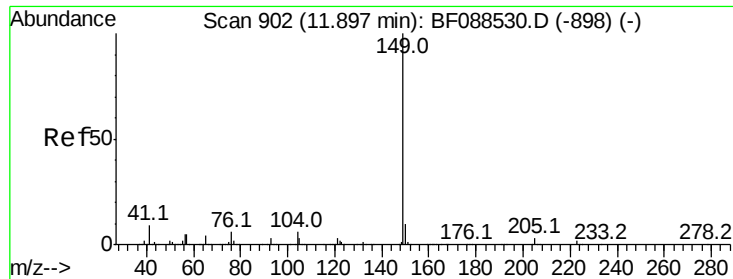
166 22.2 17.8 26.6

139 14.5 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.96 ng

RT: 11.82 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampled :

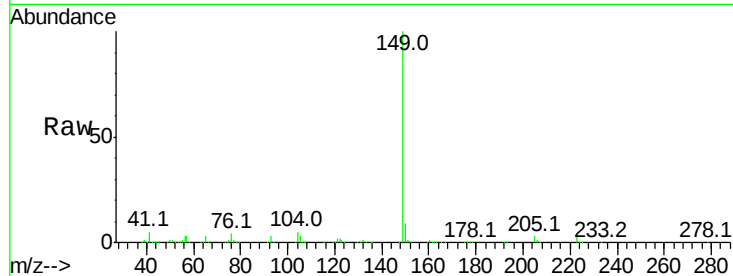
Tot Ion:149 Resp: 824666

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

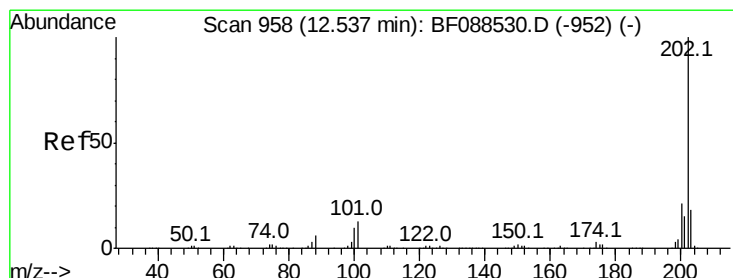
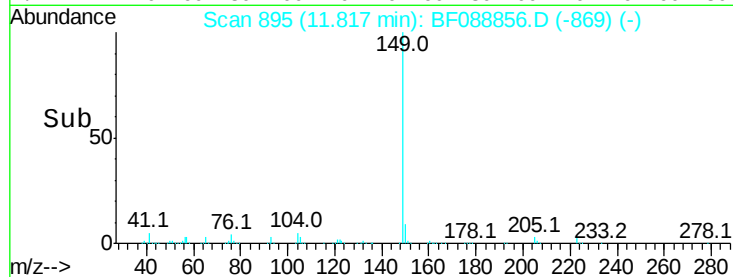
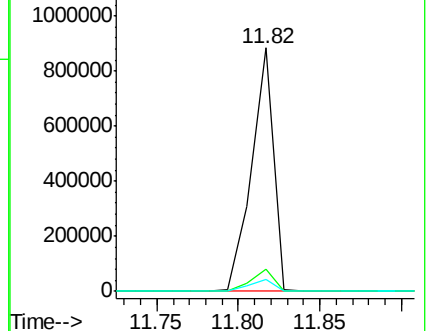
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.46 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

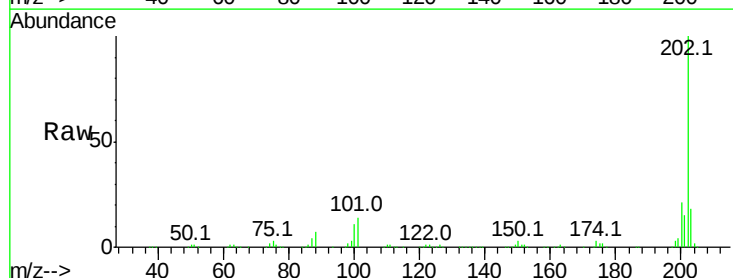
Tgt Ion:202 Resp: 630717

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.1

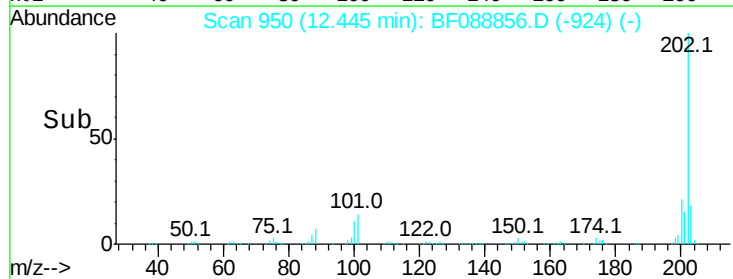
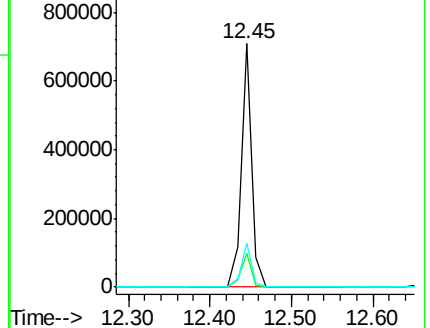
203 17.9 0.0 38.1

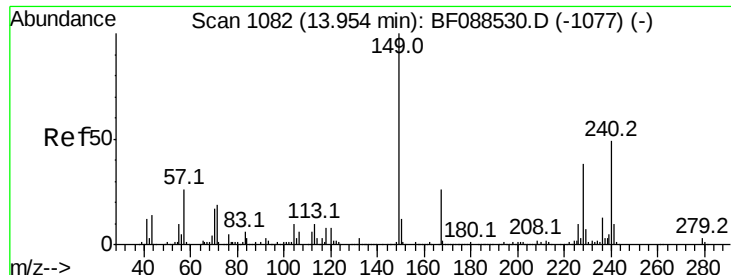


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

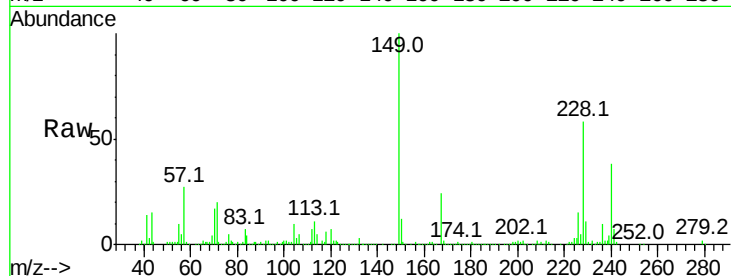
Tot Ion:240 Resp: 170887

Ion Ratio Lower Upper

240 100

120 17.2 6.8 10.2#

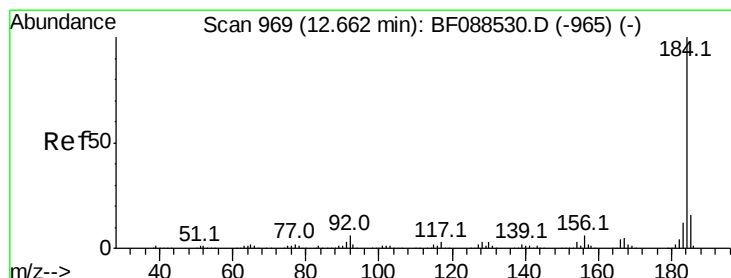
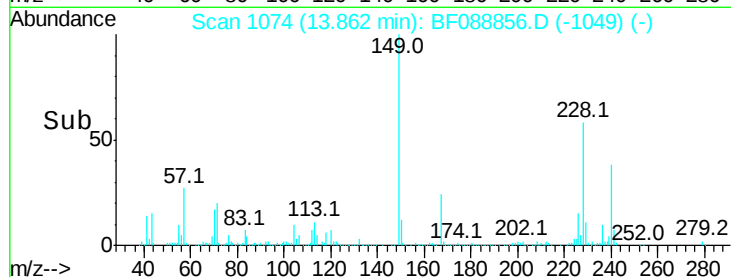
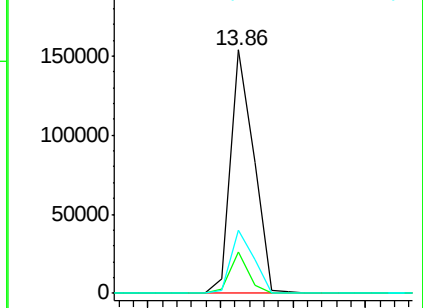
236 26.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.79 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

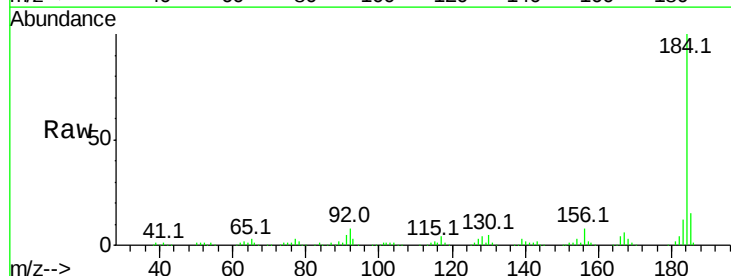
Tgt Ion:184 Resp: 317752

Ion Ratio Lower Upper

184 100

185 15.3 12.5 18.7

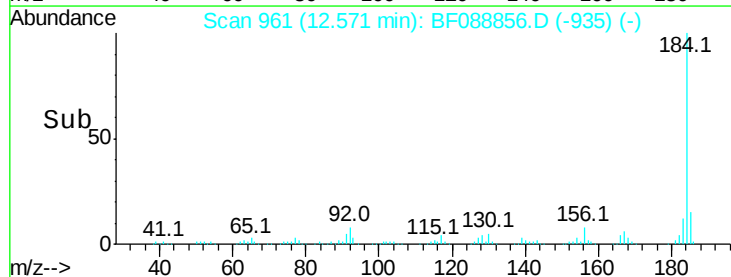
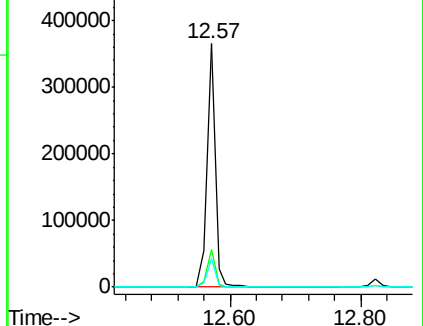
183 12.0 9.3 13.9

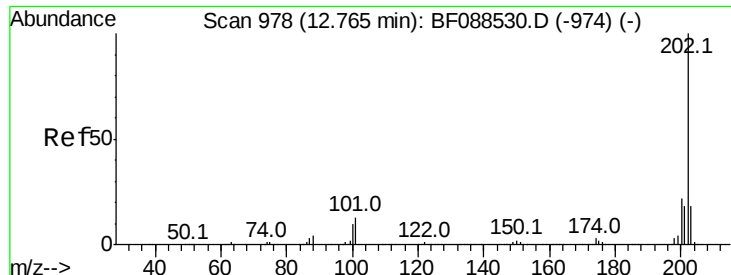


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

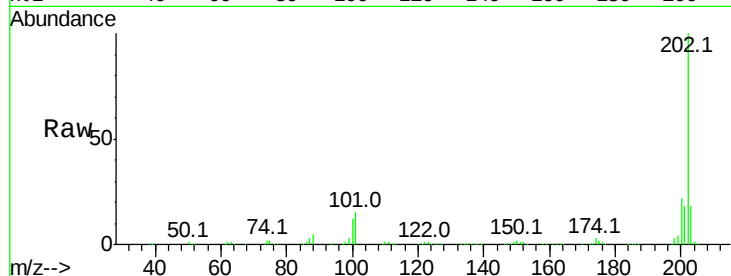




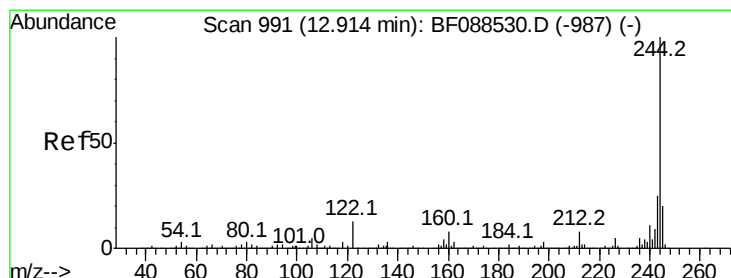
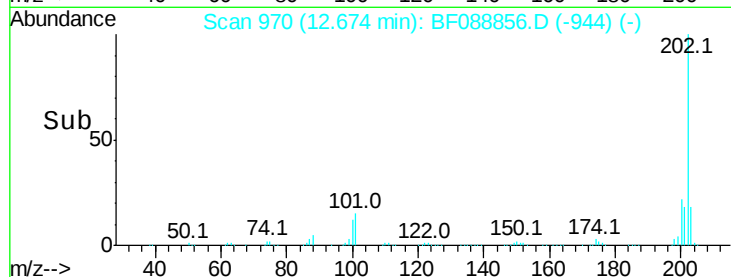
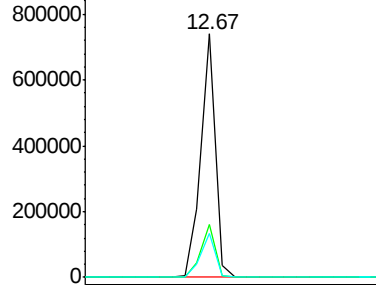
#77
Pvrene
Concen: 46.82 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 678351
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.9 14.5 21.7

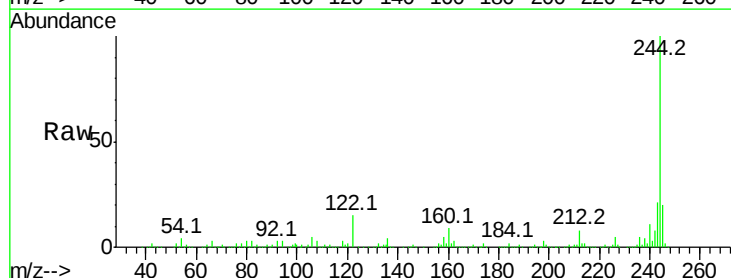


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

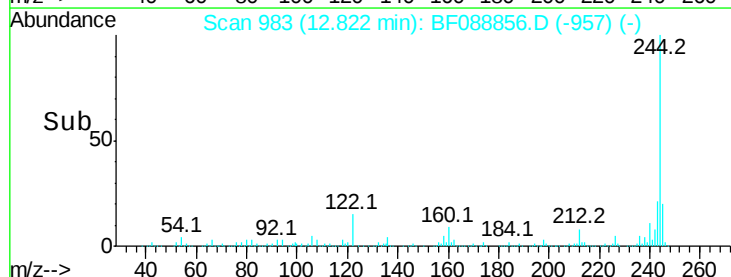
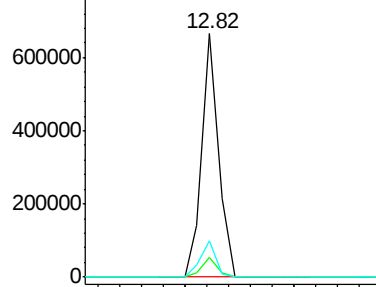


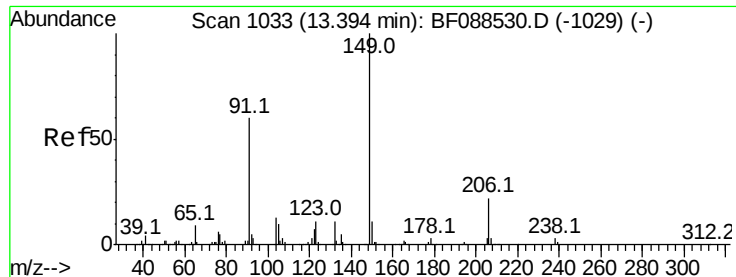
#78
Terphenyl-d14
Concen: 92.06 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:244 Resp: 706283
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 15.0 11.2 16.8



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

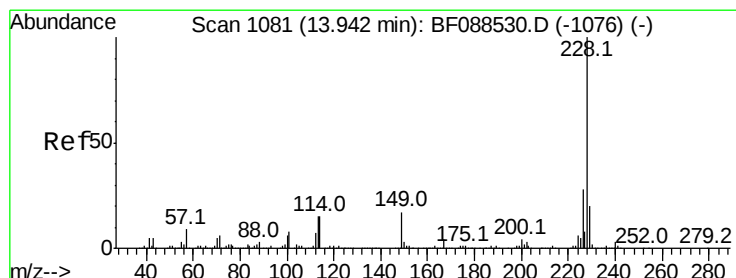
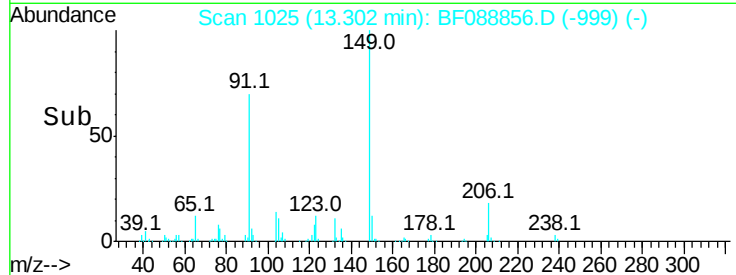
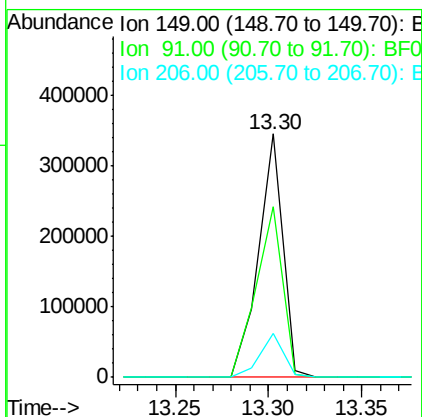
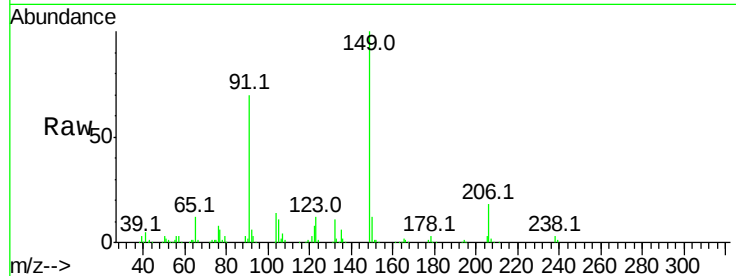




#79
 Butylbenzylphthalate
 Concen: 48.06 ng
 RT: 13.30 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

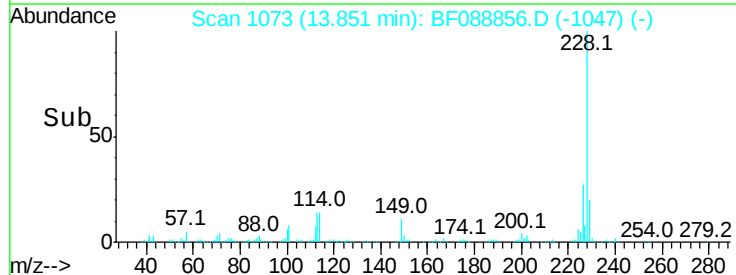
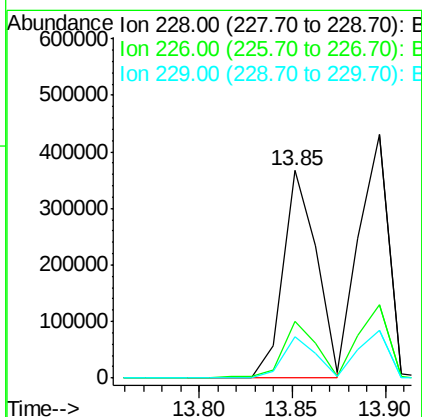
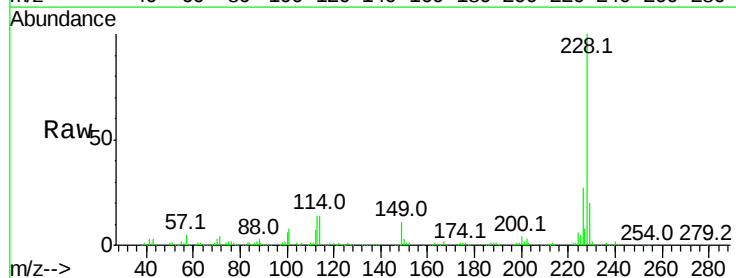
Instrument :
 BNA_F
 ClientSampleId :

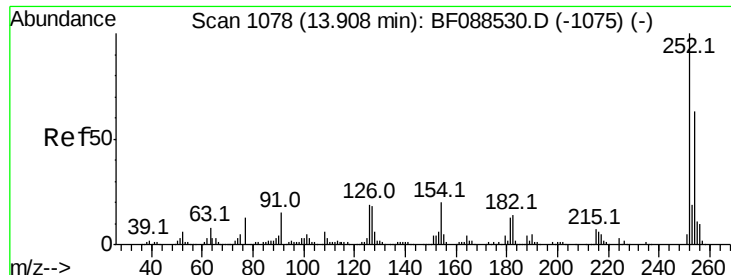
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	48.0	72.0
206	17.9	16.0	24.0



#80
 Benzo(a)anthracene
 Concen: 41.71 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.9	16.0	24.0

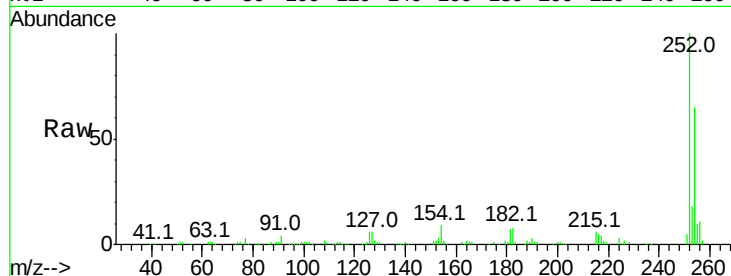




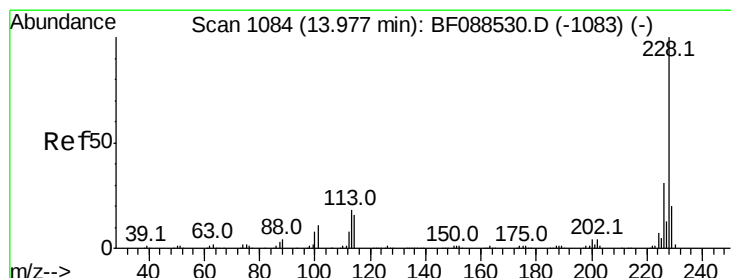
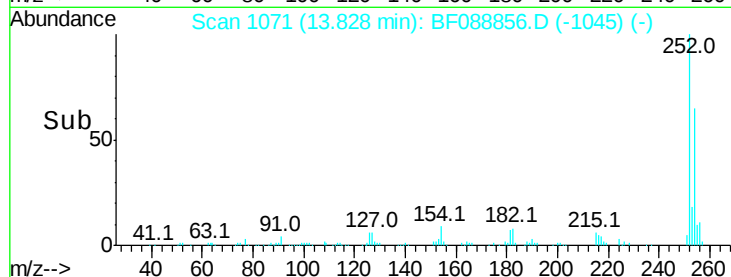
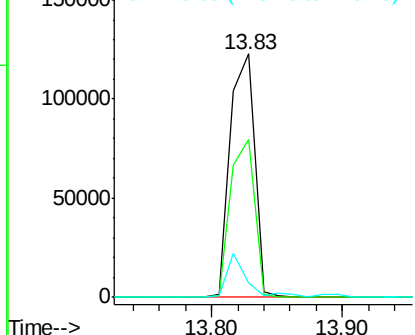
#81
 3,3'-Dichlorobenzidine
 Concen: 38.55 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 159486
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.6 78.8
 126 6.2 6.2 9.2

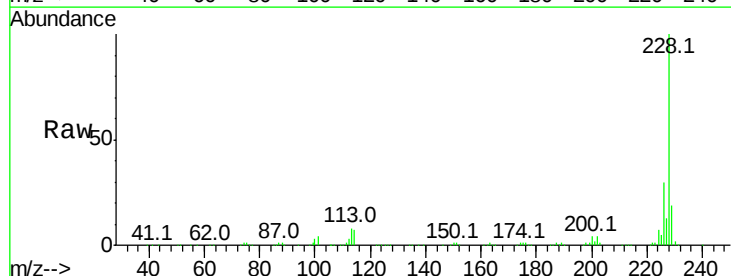


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

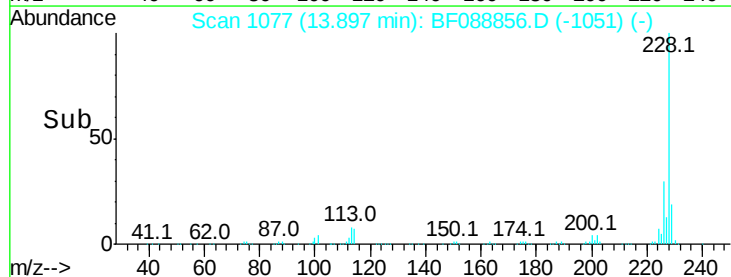
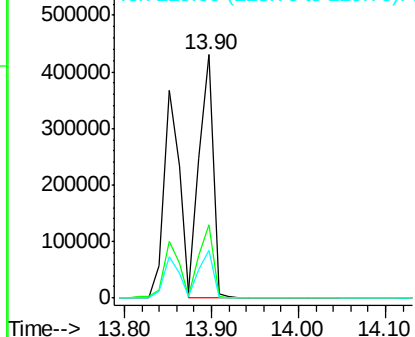


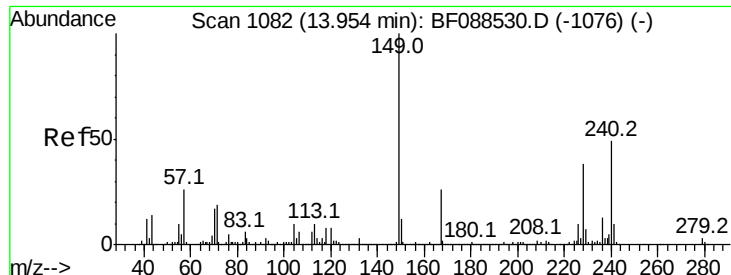
#82
 Chrysene
 Concen: 43.76 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Tgt Ion:228 Resp: 476408
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.4 38.2
 229 19.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.57 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

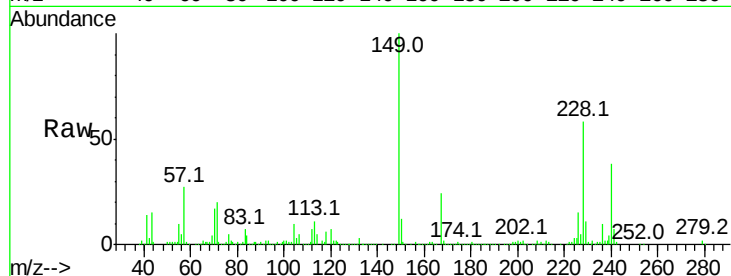
Tot Ion:149 Resp: 365728

Ion Ratio Lower Upper

149 100

167 24.3 20.5 30.7

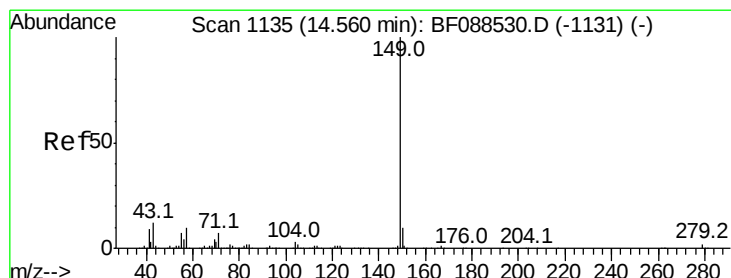
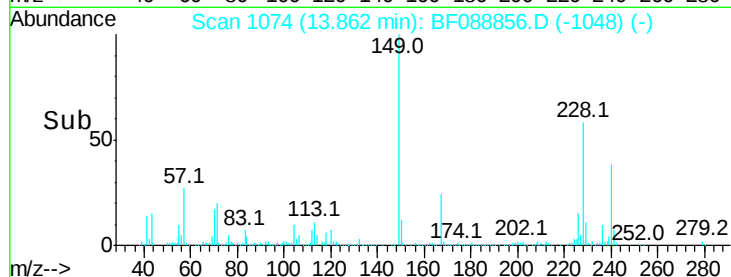
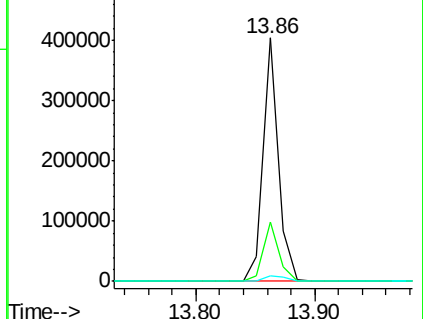
279 2.5 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.56 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

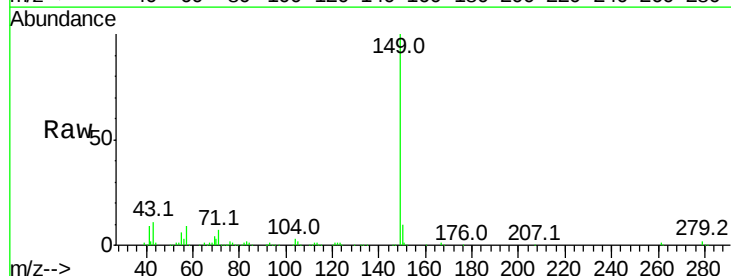
Tgt Ion:149 Resp: 571117

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

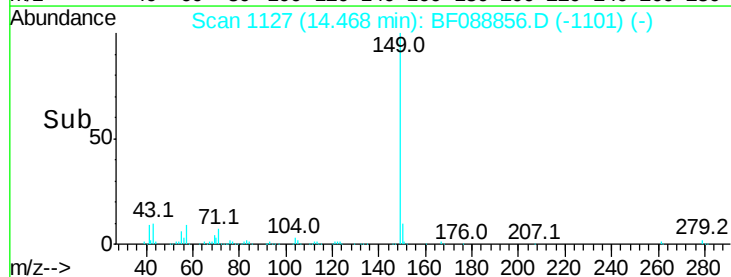
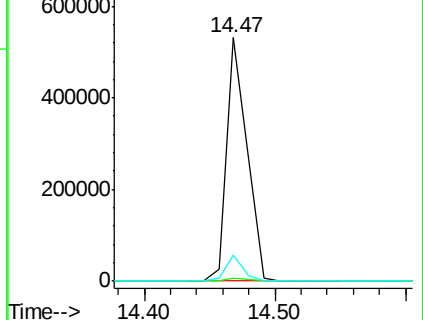
43 9.0 0.0 0.0#

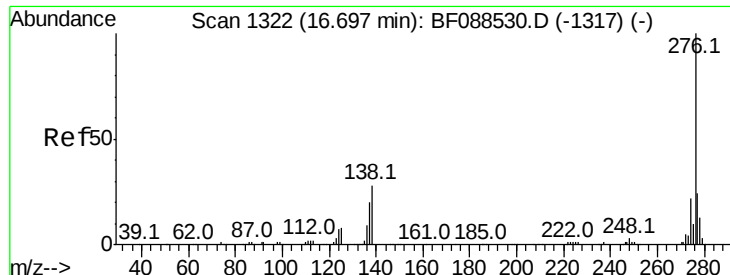


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

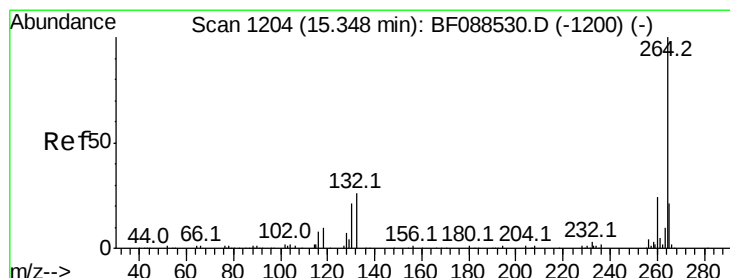
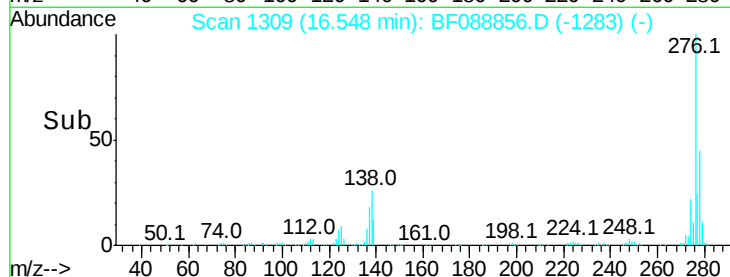
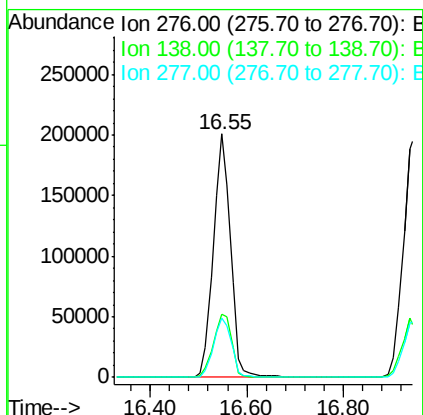
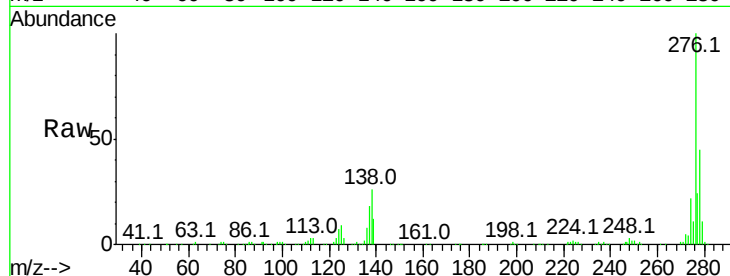




#85
Indeno(1,2,3-cd)pyrene
Concen: 60.20 ng
RT: 16.55 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

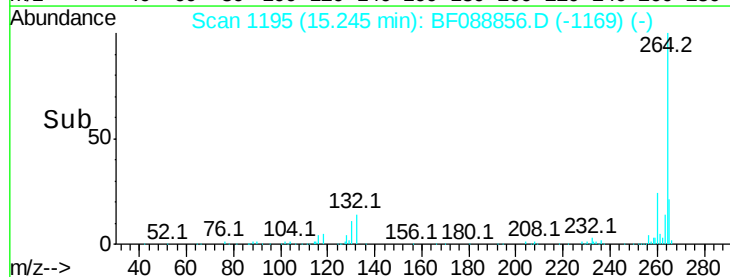
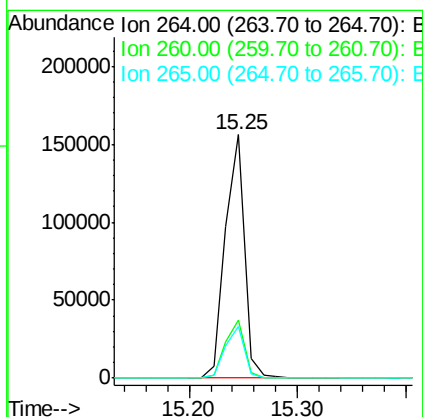
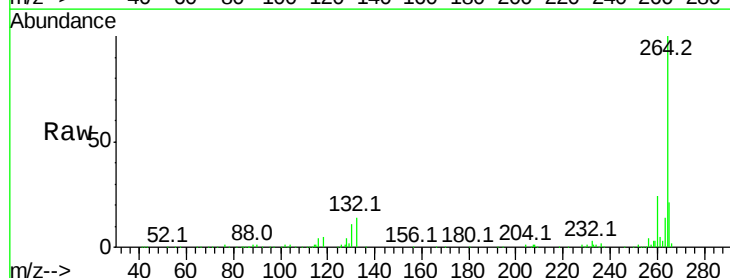
Instrument :
BNA_F
ClientSampleId :

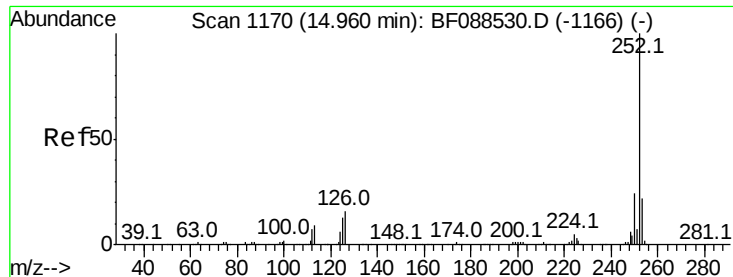
Tot Ion:276 Resp: 504250
Ion Ratio Lower Upper
276 100
138 27.8 0.0 0.0#
277 25.4 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:264 Resp: 190826
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.0 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 69.99 ng

RT: 14.89 min Scan# 1164

Delta R.T. 0.03 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

Instrument :

BNA_F

ClientSampleId :

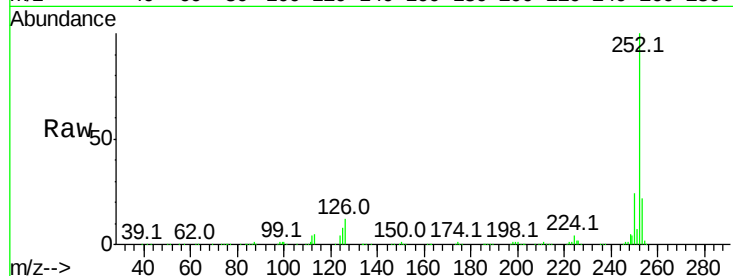
Tot Ion:252 Resp: 837788

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

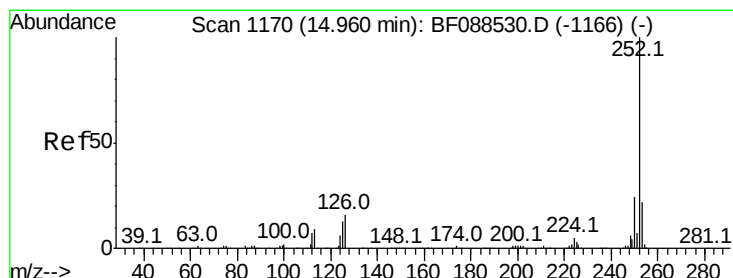
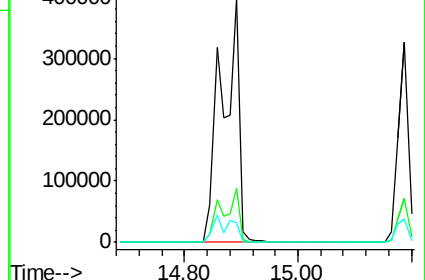
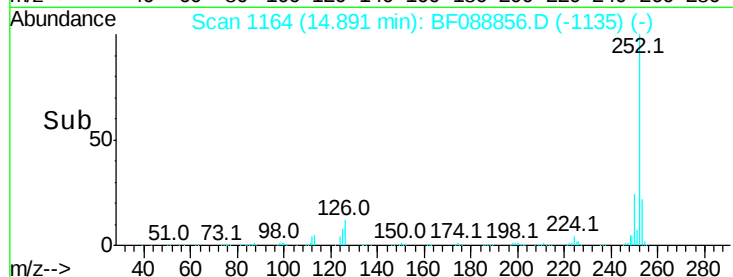
125 8.0 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.39 ng

RT: 14.89 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF088856.D

Acq: 9 Jul 2016 6:36

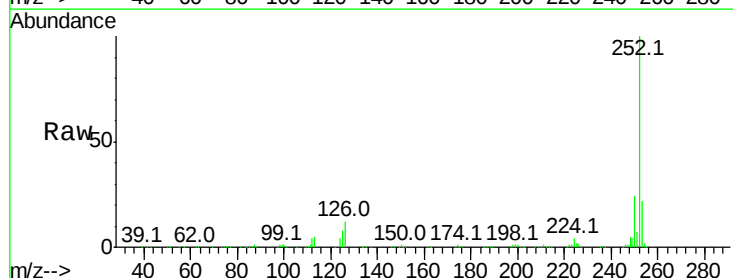
Tgt Ion:252 Resp: 837788

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

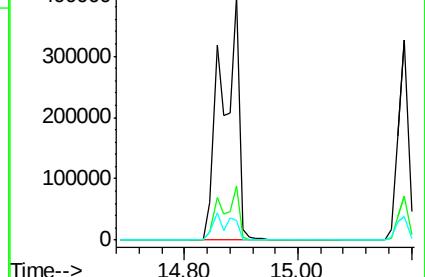
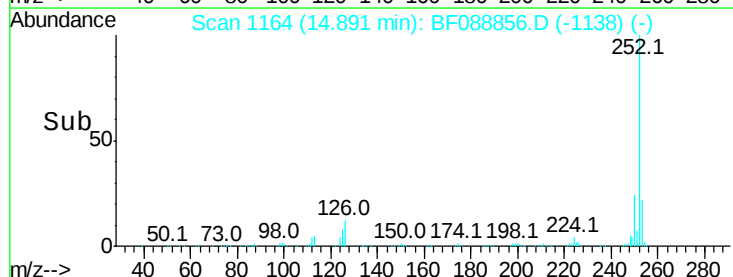
125 8.0 11.2 16.8#

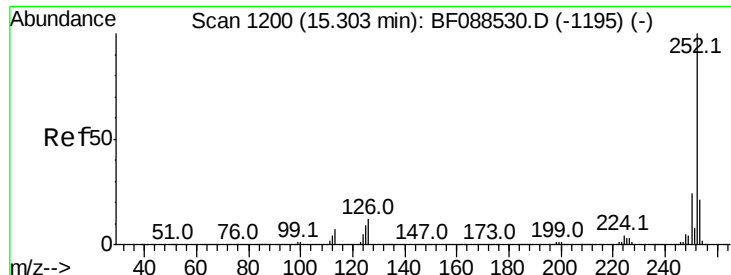


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

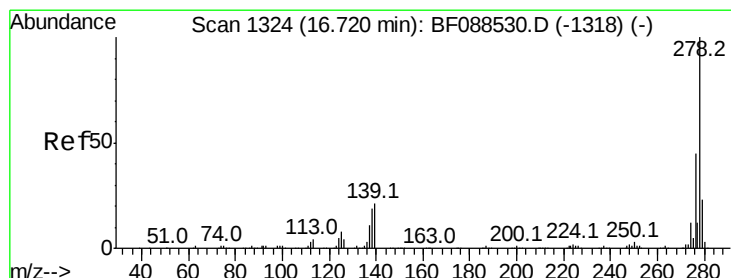
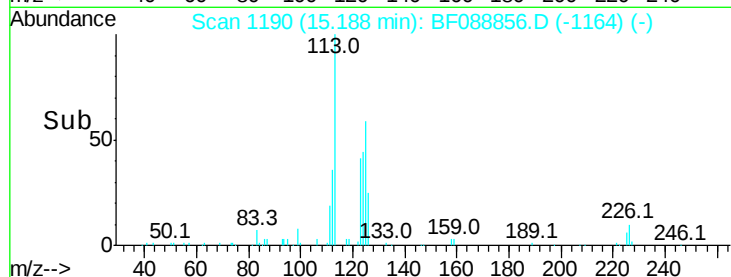
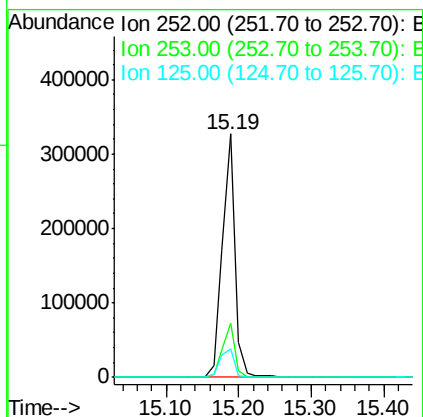
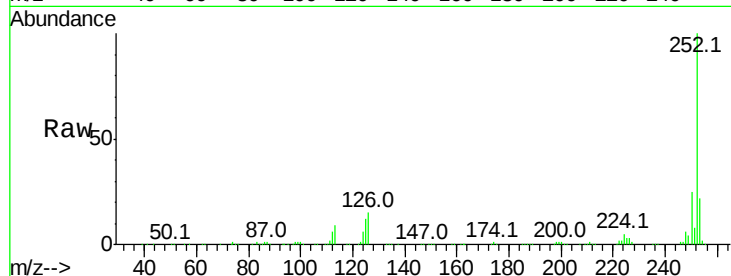




#89
Benzo(a)pyrene
Concen: 39.10 ng
RT: 15.19 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

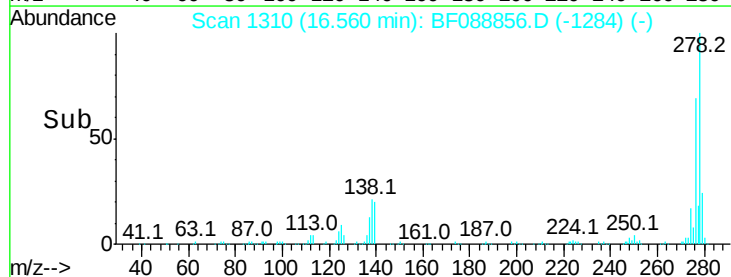
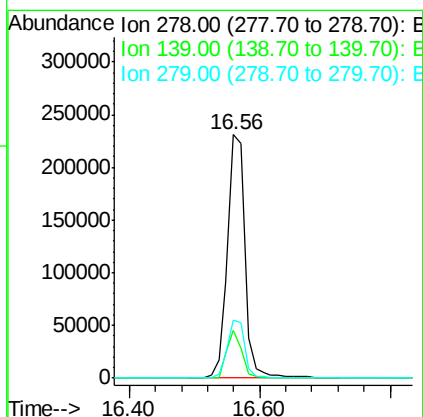
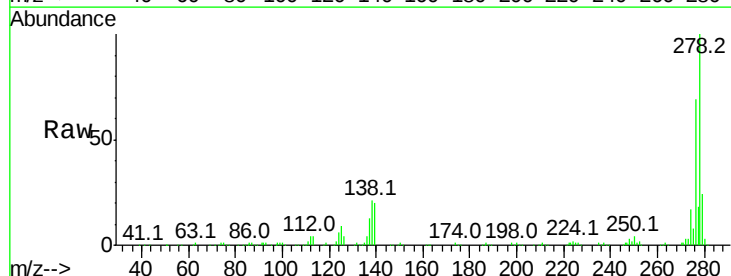
Instrument :
BNA_F
ClientSampleId :

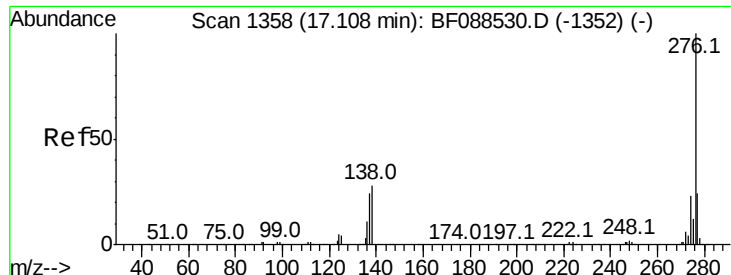
Tot Ion:252 Resp: 396302
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.7 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 51.06 ng
RT: 16.56 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF088856.D
Acq: 9 Jul 2016 6:36

Tgt Ion:278 Resp: 432149
Ion Ratio Lower Upper
278 100
139 19.7 15.7 23.5
279 23.9 19.4 29.2

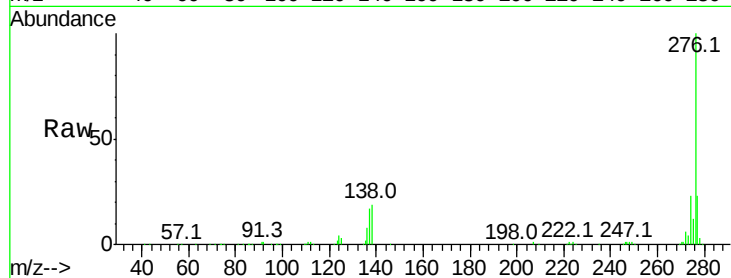




#91
 Benzo(a,h,i)perylene
 Concen: 51.43 ng
 RT: 16.95 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF088856.D
 Acq: 9 Jul 2016 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 450401
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.9 28.3
 138 19.5 21.4 32.2#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

