

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089136.D
 Acq On : 20 Jul 2016 15:30
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 16:44:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 16:40:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50385	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	205499	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	101225	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	196278	20.00	ng	0.00
75) Chrysene-d12	13.73	240	137064	20.00	ng	0.00
86) Perylene-d12	15.07	264	108803	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	266119	80.33	ng	0.00
7) Phenol-d6	6.27	99	336904	78.86	ng	0.00
23) Nitrobenzene-d5	7.18	82	300645	77.73	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	69576	76.34	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	632851	86.14	ng	0.00
78) Terphenyl-d14	12.69	244	450252	71.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	59456	41.33	ng	99
3) Pyridine	2.67	79	153563	42.02	ng	97
4) n-Nitrosodimethylamine	2.64	42	64874	42.17	ng	99
6) Aniline	6.27	93	224508	38.89	ng	94
8) 2-Chlorophenol	6.39	128	143859	39.13	ng	83
9) Benzaldehyde	6.15	77	100402	46.67	ng	99
10) Phenol	6.28	94	199323	40.50	ng	98
11) bis(2-Chloroethyl)ether	6.35	93	152503	41.26	ng	100
12) 1,3-Dichlorobenzene	6.54	146	156104	38.46	ng	99
13) 1,4-Dichlorobenzene	6.62	146	161882	39.60	ng	98
14) 1,2-Dichlorobenzene	6.78	146	159309	41.33	ng	99
15) Benzyl Alcohol	6.76	79	128620	41.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	169358	40.21	ng	96
17) 2-Methylphenol	6.89	107	117794	40.68	ng	99
18) Hexachloroethane	7.11	117	60159	39.15	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	113886	40.76	ng	99
20) 3+4-Methylphenols	7.05	107	157403	40.04	ng	100
22) Acetophenone	7.03	105	227987	41.55	ng	98
24) Nitrobenzene	7.20	77	170863	41.89	ng	100
25) Isophorone	7.44	82	284143	39.86	ng	99
26) 2-Nitrophenol	7.51	139	74007	38.90	ng	97
27) 2,4-Dimethylphenol	7.56	122	129429	40.38	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	194830	43.70	ng	100
29) 2,4-Dichlorophenol	7.76	162	119417	41.34	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	129912	40.63	ng	99
31) Naphthalene	7.91	128	418398	37.72	ng	99
32) Benzoic acid	7.72	122	102948	41.76	ng	97
33) 4-Chloroaniline	7.98	127	186571	40.00	ng	99
34) Hexachlorobutadiene	8.03	225	74763	42.01	ng	98
35) Caprolactam	8.35	113	37476	41.77	ng	96
36) 4-Chloro-3-methylphenol	8.47	107	141984	40.80	ng	99
37) 2-Methylnaphthalene	8.60	142	285603	40.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	138286	36.76	ng	98
40) Hexachlorocyclopentadiene	8.75	237	58737	50.16	ng	98

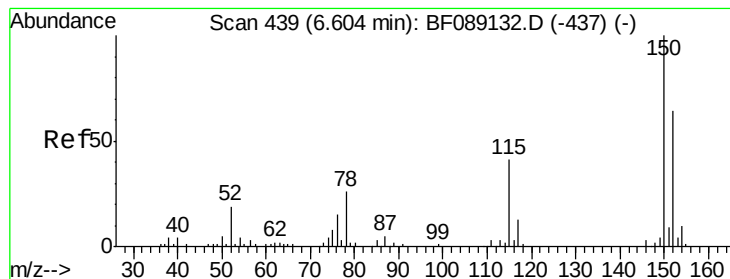
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089136.D
 Acq On : 20 Jul 2016 15:30
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 16:44:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 16:40:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	85298	40.51	nq	99
43) 2,4,5-Trichlorophenol	8.94	196	84857	40.14	nq	98
45) 1,1'-Biphenyl	9.06	154	324220	35.57	nq	99
46) 2-Chloronaphthalene	9.08	162	258647	37.34	nq	100
47) 2-Nitroaniline	9.19	65	84981	35.76	nq	98
48) Acenaphthylene	9.50	152	422498	38.79	nq	100
49) Dimethylphthalate	9.38	163	314889	40.54	nq	100
50) 2,6-Dinitrotoluene	9.44	165	72912	41.58	nq	99
51) Acenaphthene	9.67	154	251111	38.98	nq	99
52) 3-Nitroaniline	9.61	138	84273	40.47	nq	96
53) 2,4-Dinitrophenol	9.71	184	32240	40.74	nq	95
54) Dibenzofuran	9.84	168	341233	39.20	nq	100
55) 4-Nitrophenol	9.79	139	59647	47.34	nq	94
56) 2,4-Dinitrotoluene	9.84	165	93370	41.33	nq	93
57) Fluorene	10.18	166	311603	42.17	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	64164	42.26	nq	99
59) Diethylphthalate	10.07	149	299070	38.83	nq	100
60) 4-Chlorophenyl-phenylether	10.18	204	128192	38.00	nq	98
61) 4-Nitroaniline	10.22	138	75775	37.39	nq	99
62) Azobenzene	10.33	77	315610	37.70	nq	99
64) 4,6-Dinitro-2-methylphenol	10.25	198	49071	42.94	nq	94
65) n-Nitrosodiphenylamine	10.30	169	245140	37.37	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	79893	41.13	nq	96
67) Hexachlorobenzene	10.72	284	78987	37.81	nq	# 49
68) Atrazine	10.83	200	84228	41.06	nq	100
69) Pentachlorophenol	10.92	266	51624	53.56	nq	98
70) Phenanthrene	11.13	178	408342	37.92	nq	100
71) Anthracene	11.19	178	446342	39.88	nq	100
72) Carbazole	11.35	167	421045	42.83	nq	99
73) Di-n-butylphthalate	11.68	149	433207	35.63	nq	100
74) Fluoranthene	12.31	202	425614	37.61	nq	99
76) Benzidine	12.44	184	351128	74.51	nq	99
77) Pyrene	12.54	202	467955	41.34	nq	99
79) Butylbenzylphthalate	13.17	149	195531	40.83	nq	99
80) Benzo(a)anthracene	13.71	228	344839	39.50	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	128566	44.40	nq	98
82) Chrysene	13.75	228	318416	38.19	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	251815	39.65	nq	99
84) Di-n-octyl phthalate	14.33	149	377915	36.06	nq	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	219979	36.32	nq	99
87) Benzo(b)fluoranthene	14.71	252	542997	68.90	nq	99
88) Benzo(k)fluoranthene	14.71	252	542997	98.01	nq	# 94
89) Benzo(a)pyrene	15.02	252	239468	39.14	nq	99
90) Dibenzo(a,h)anthracene	16.31	278	190147	39.36	nq	# 96
91) Benzo(g,h,i)perylene	16.66	276	190953	39.21	nq	98

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

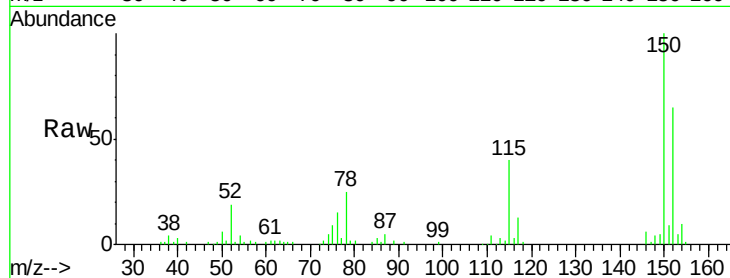


#1

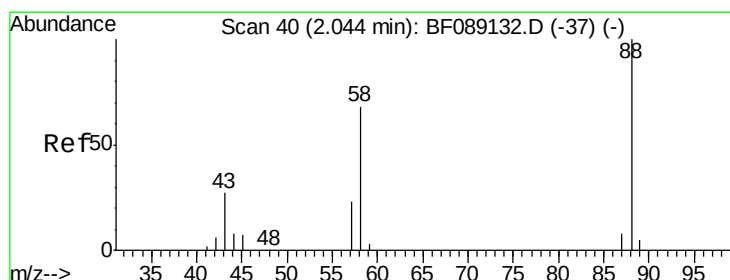
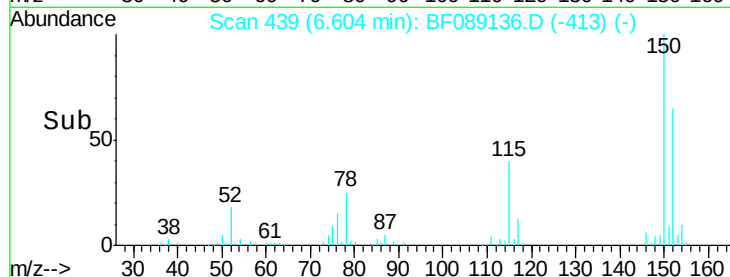
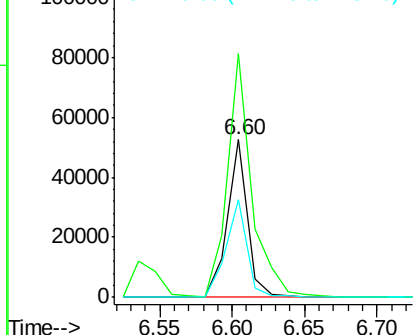
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 50385
Ion Ratio Lower Upper
152 100
150 154.9 125.1 187.7
115 62.5 51.1 76.7



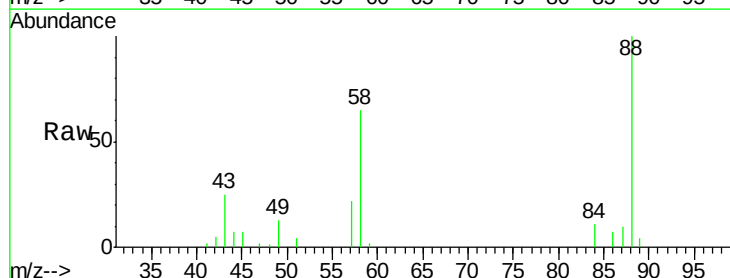
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



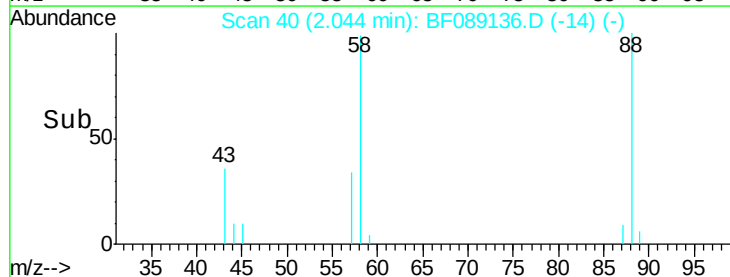
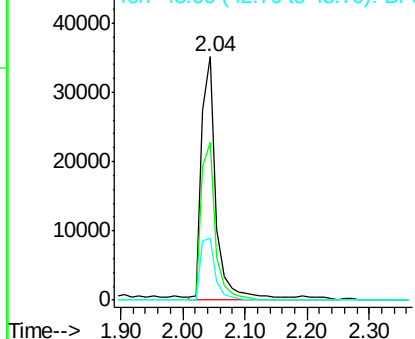
#2

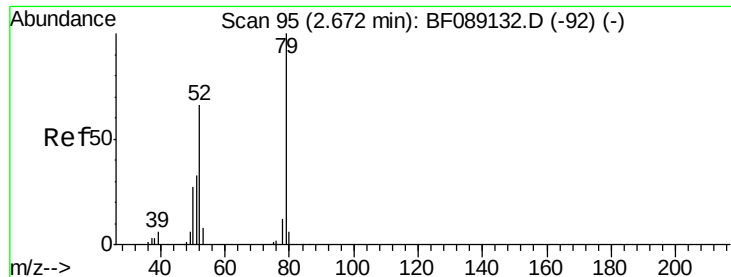
1,4-Dioxane
Concen: 41.33 ng
RT: 2.04 min Scan# 40
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion: 88 Resp: 59456
Ion Ratio Lower Upper
88 100
58 60.8 49.2 73.8
43 25.1 20.6 30.8



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: 42.02 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

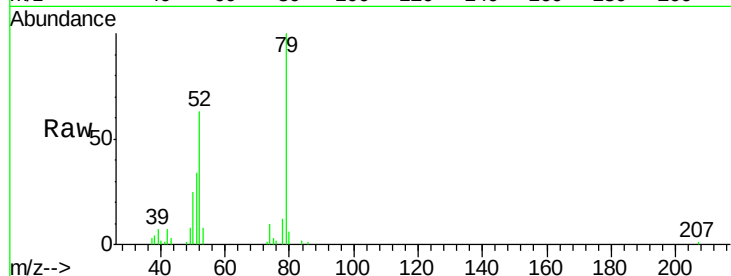
Tot Ion: 79 Resp: 153563

Ion Ratio Lower Upper

79 100

52 62.7 52.9 79.3

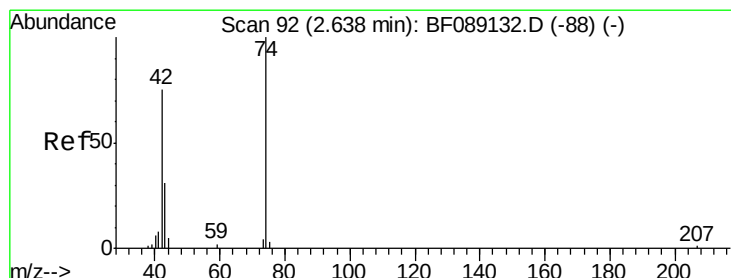
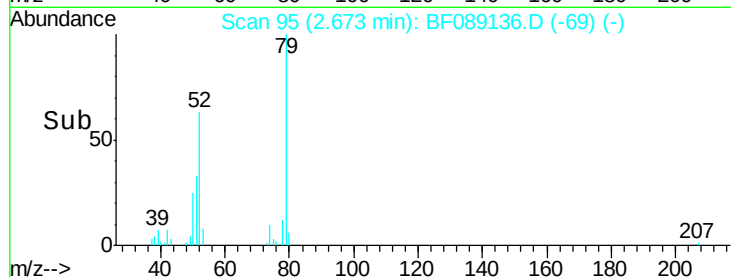
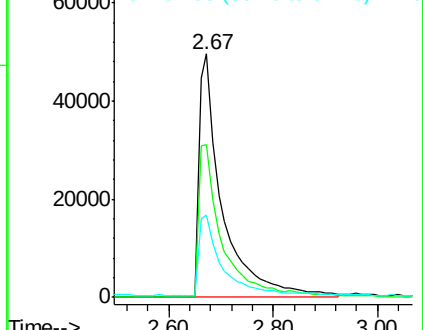
51 33.7 27.0 40.6



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: 42.17 ng

RT: 2.64 min Scan# 92

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

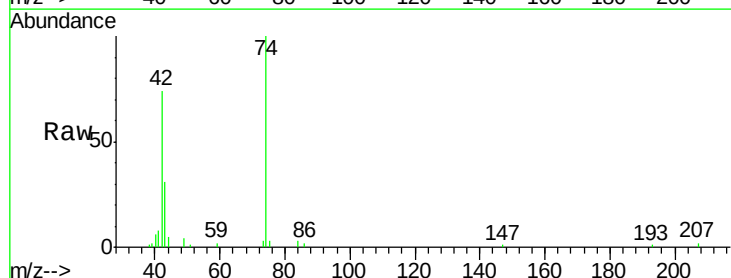
Tgt Ion: 42 Resp: 64874

Ion Ratio Lower Upper

42 100

74 134.5 106.4 159.6

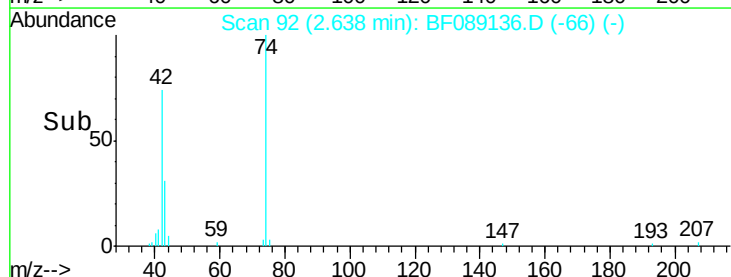
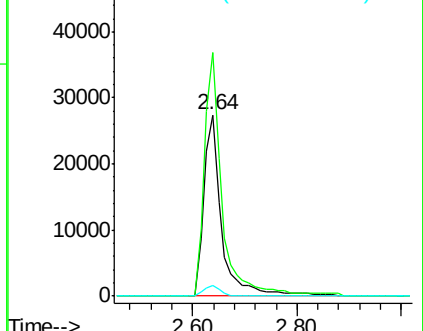
44 6.2 5.2 7.8

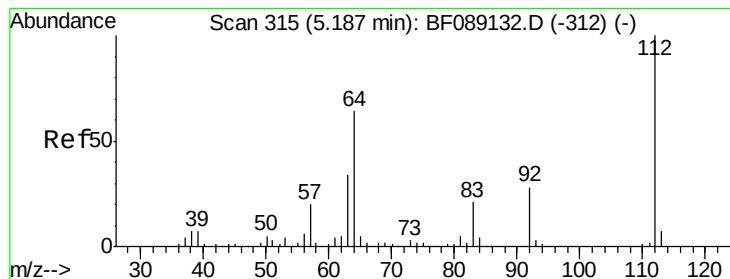


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

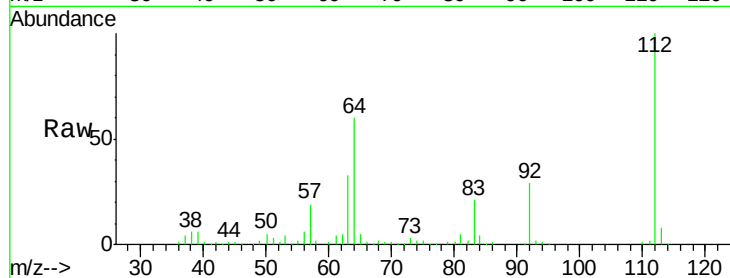




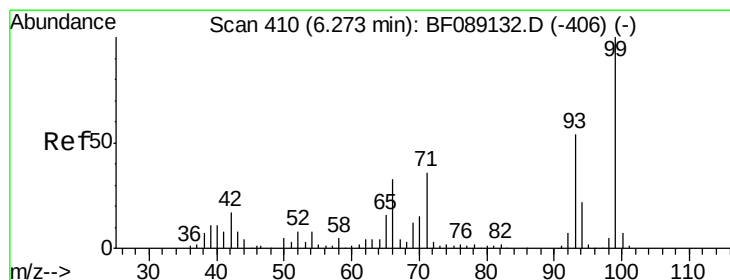
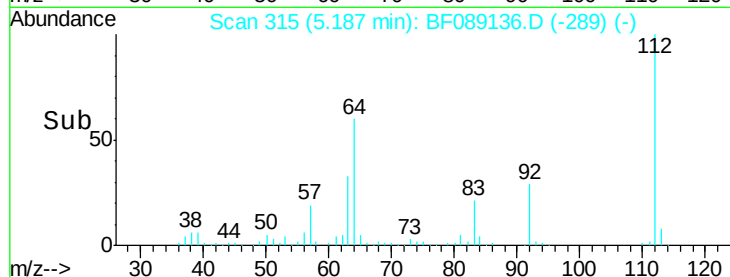
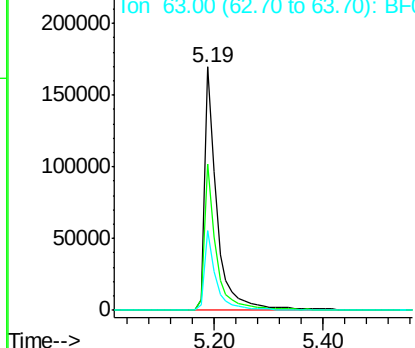
#5
 2-Fluorophenol
 Concen: 80.33 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.3	51.0	76.4
63	32.6	27.3	40.9

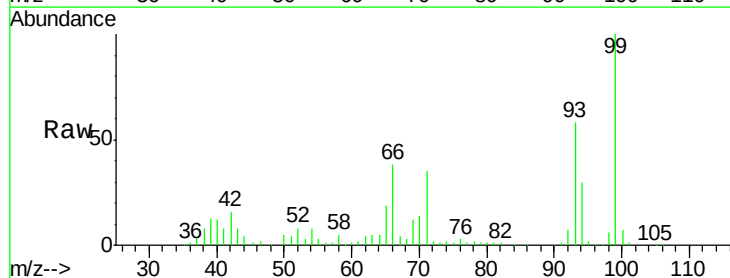


Abundance Ion 112.00 (111.70 to 112.70): E

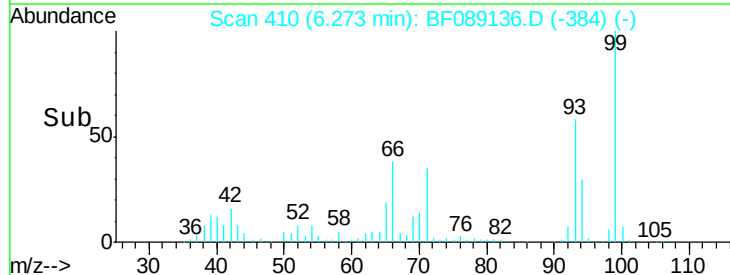
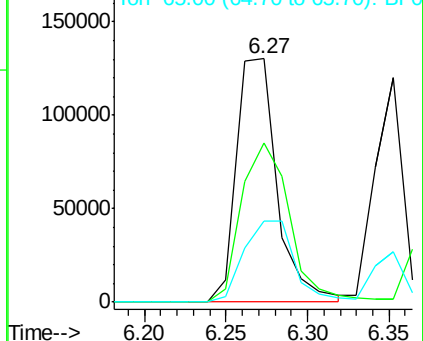


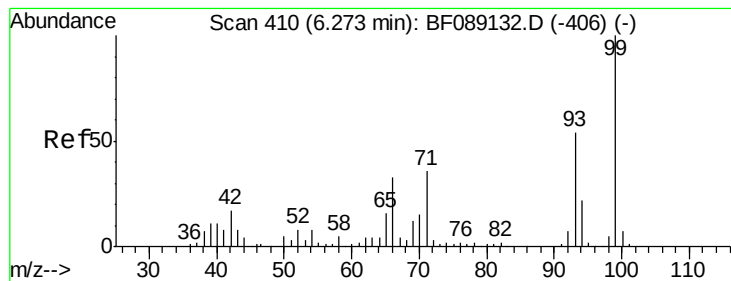
#6
 Aniline
 Concen: 38.89 ng
 RT: 6.27 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion	Ratio	Lower	Upper
93	100		
66	65.2	48.9	73.3
65	33.5	23.9	35.9



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 78.86 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampled :

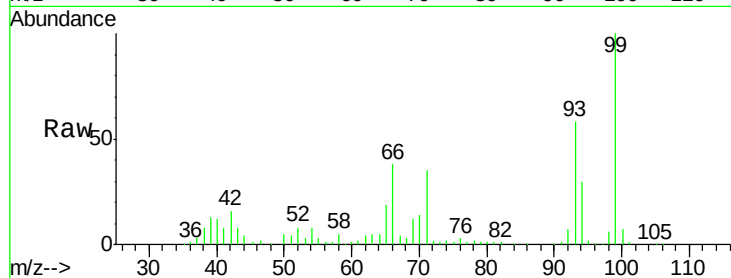
Tot Ion: 99 Resp: 336904

Ion Ratio Lower Upper

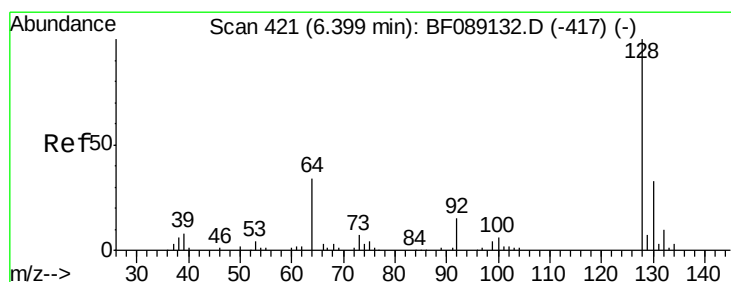
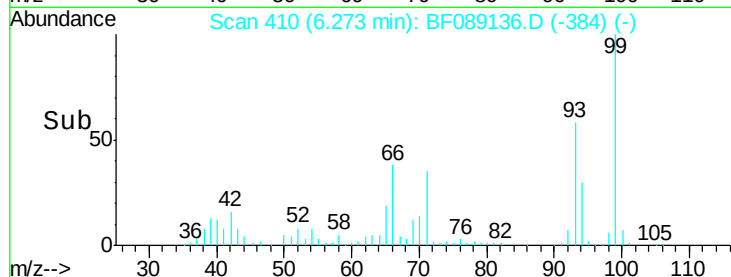
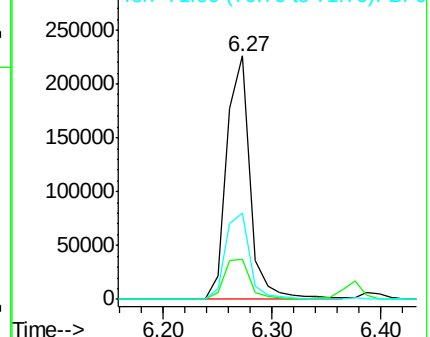
99 100

42 16.2 13.5 20.3

71 35.5 28.9 43.3



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



#8

2-Chlorophenol

Concen: 39.13 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

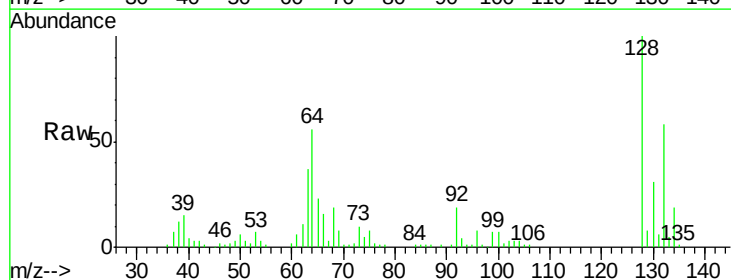
Tgt Ion: 128 Resp: 143859

Ion Ratio Lower Upper

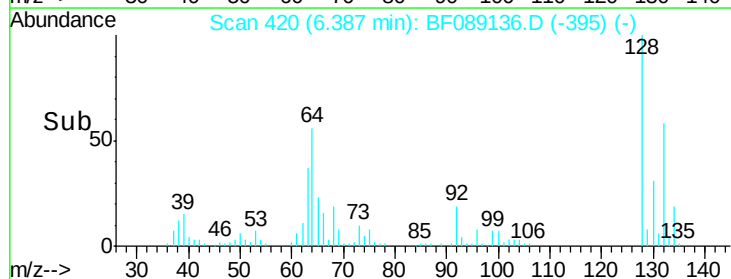
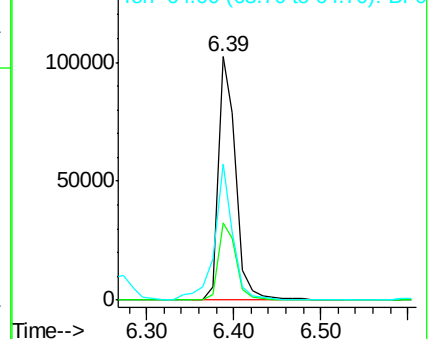
128 100

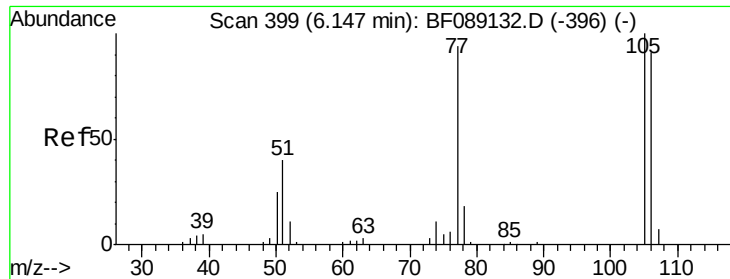
130 31.5 12.6 52.6

64 55.7 17.5 57.5



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

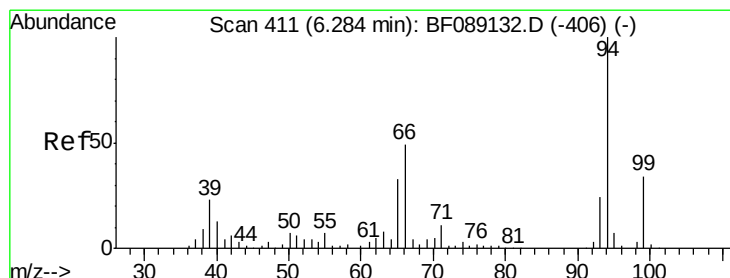
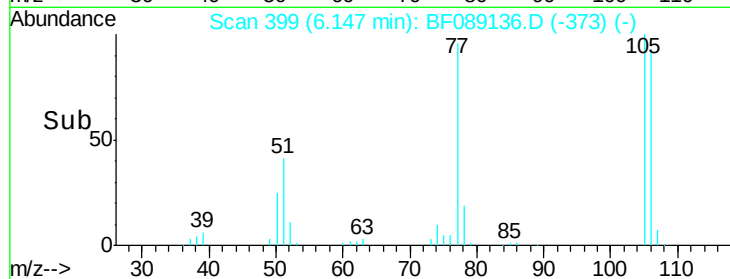
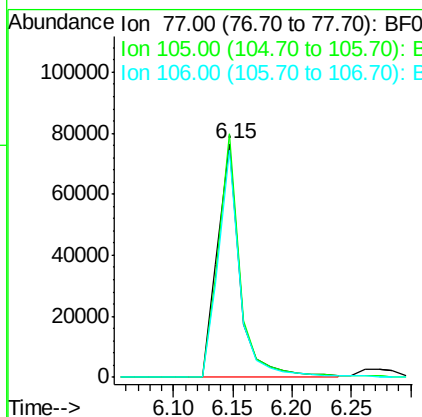
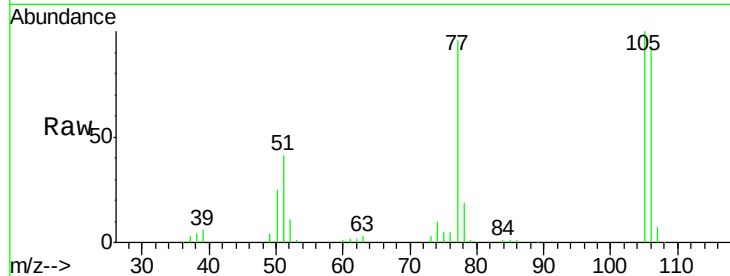




#9
Benzaldehyde
Concen: 46.67 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

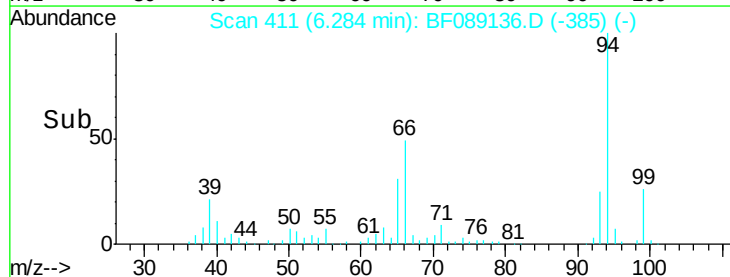
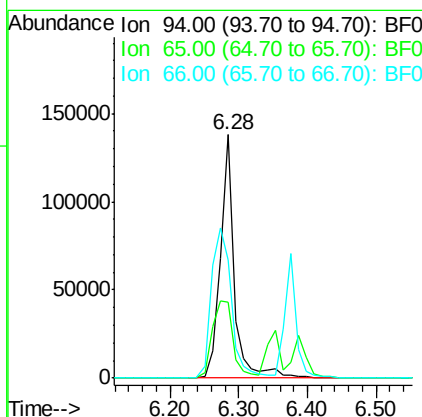
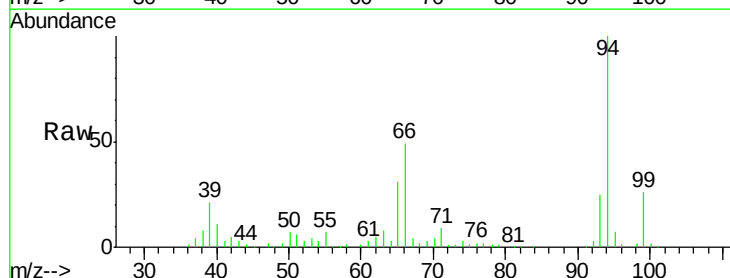
Instrument :
BNA_F
ClientSampleId :

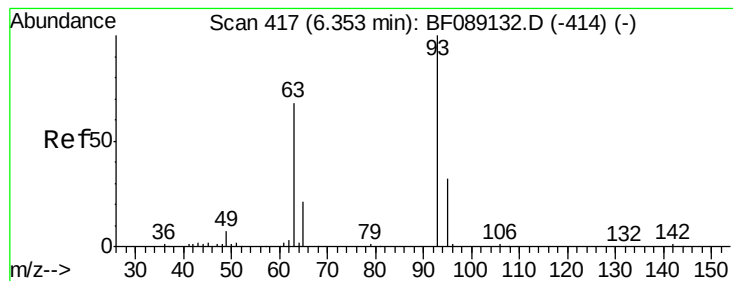
Tot Ion: 77 Resp: 100402
Ion Ratio Lower Upper
77 100
105 104.1 86.2 126.2
106 96.9 76.3 116.3



#10
Phenol
Concen: 40.50 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion: 94 Resp: 199323
Ion Ratio Lower Upper
94 100
65 31.3 13.3 53.3
66 48.6 29.3 69.3

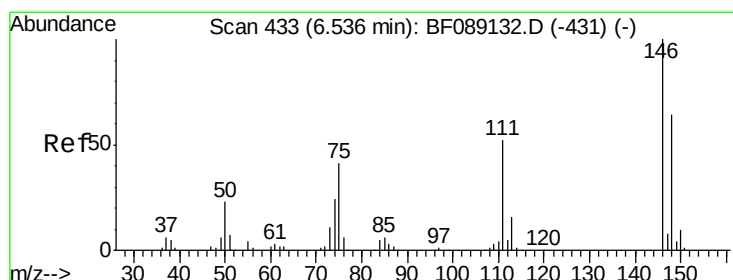
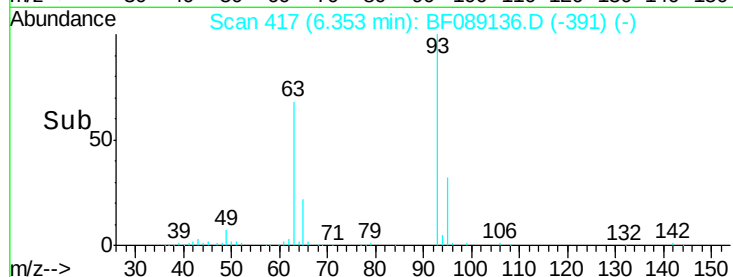
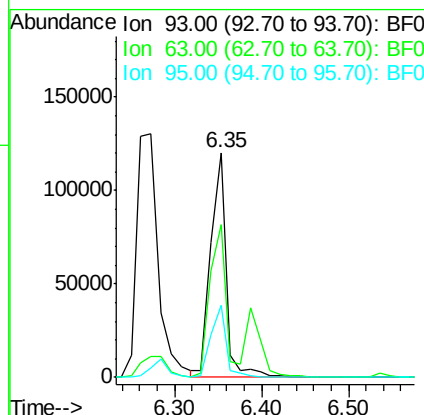
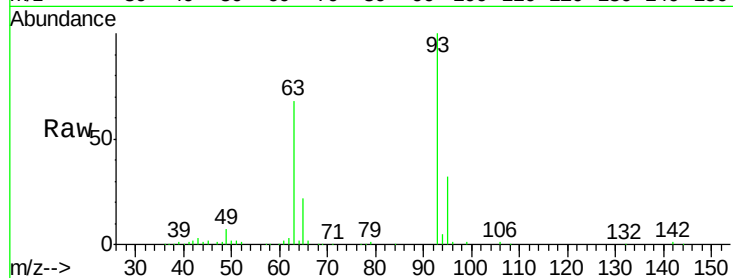




#11
 bis(2-Chloroethyl)ether
 Concen: 41.26 ng
 RT: 6.35 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

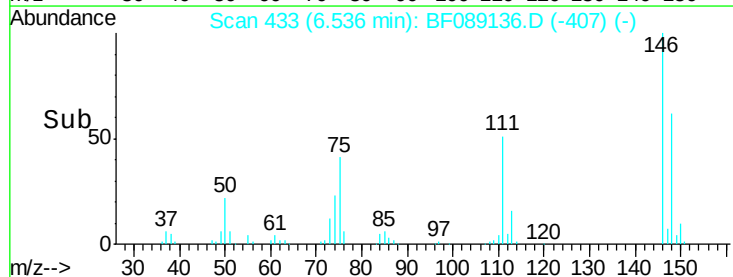
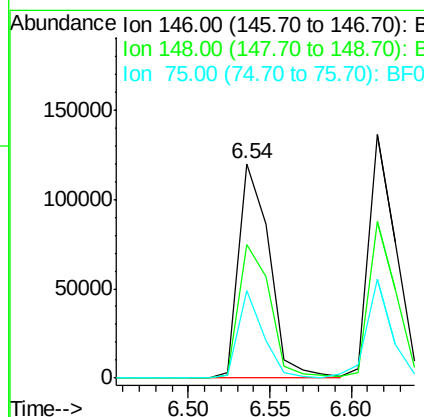
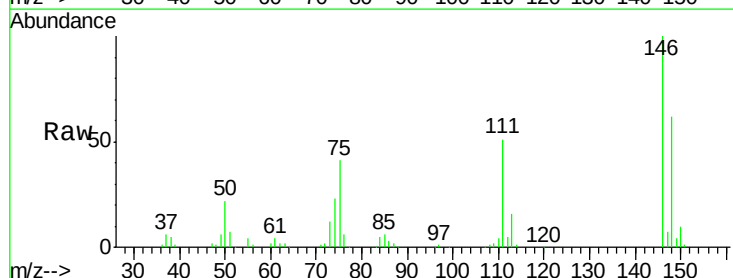
Instrument :
 BNA_F
 ClientSampleId :

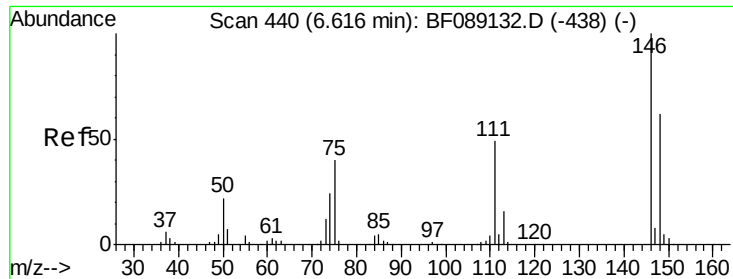
Tot Ion: 93 Resp: 152503
 Ion Ratio Lower Upper
 93 100
 63 67.8 47.3 87.3
 95 31.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.46 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion: 146 Resp: 156104
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.0 76.6
 75 40.7 32.5 48.7

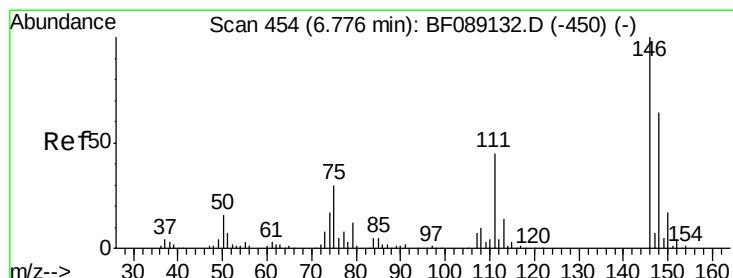
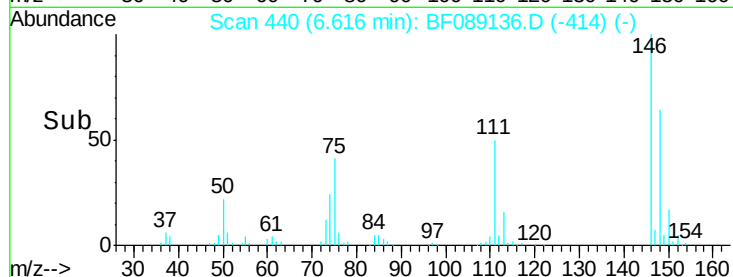
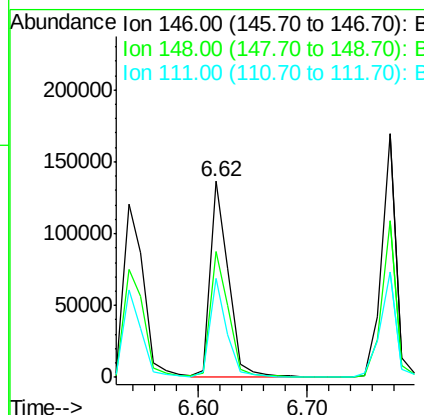
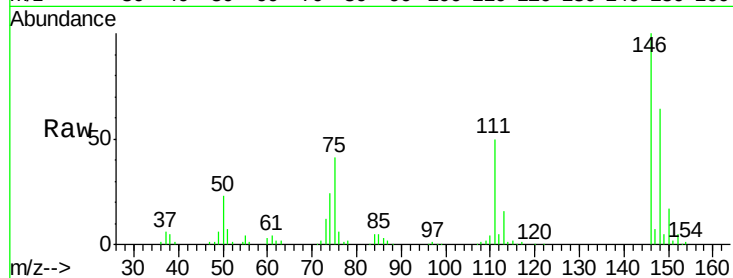




#13
 1,4-Dichlorobenzene
 Concen: 39.60 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

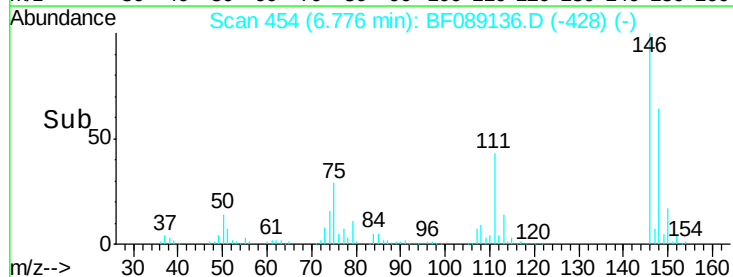
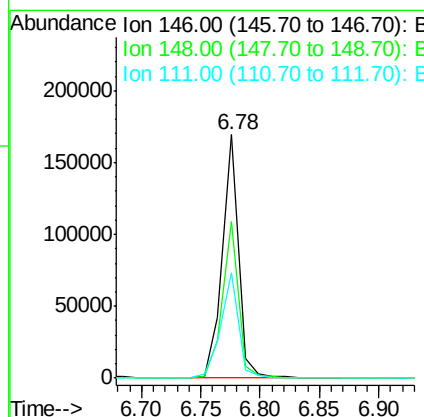
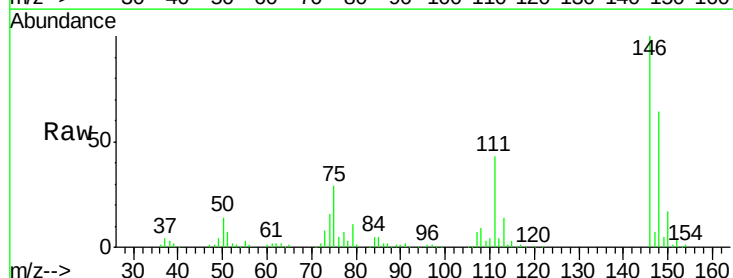
Instrument :
 BNA_F
 ClientSampleID :

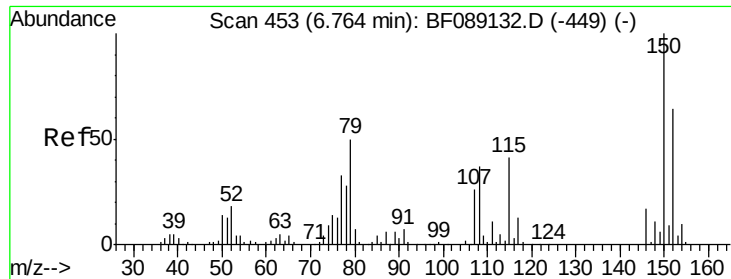
Tot Ion:146 Resp: 161882
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.9 74.9
 111 50.2 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 41.33 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion:146 Resp: 159309
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.0
 111 43.1 35.9 53.9

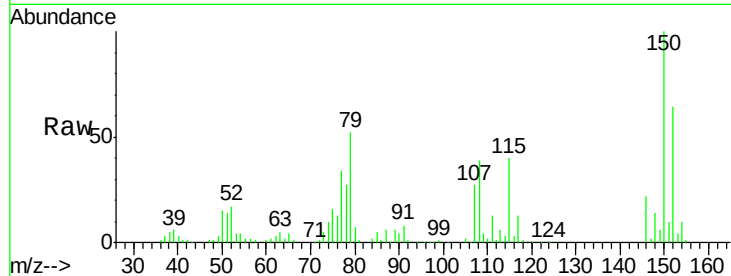




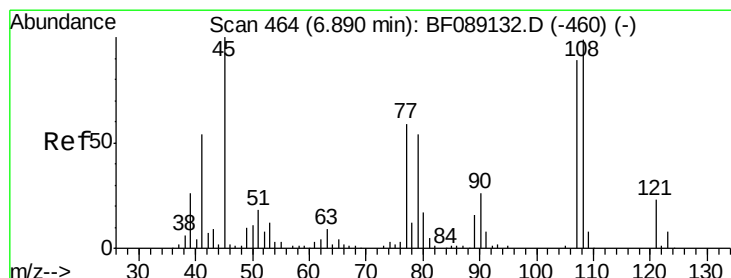
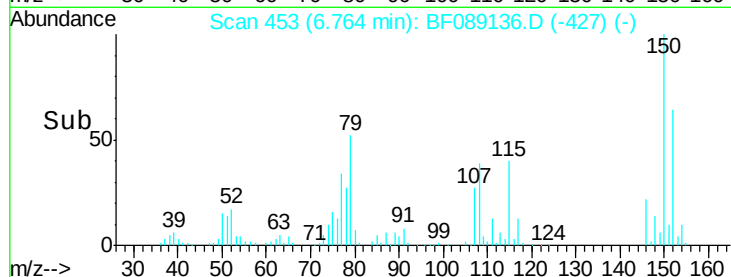
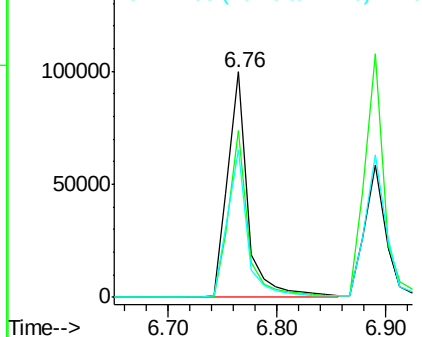
#15
Benzyl Alcohol
Concen: 41.11 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 128620
Ion Ratio Lower Upper
79 100
108 74.2 58.2 87.4
77 65.3 52.2 78.4

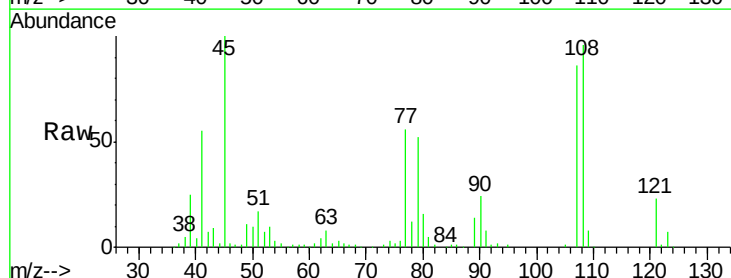


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

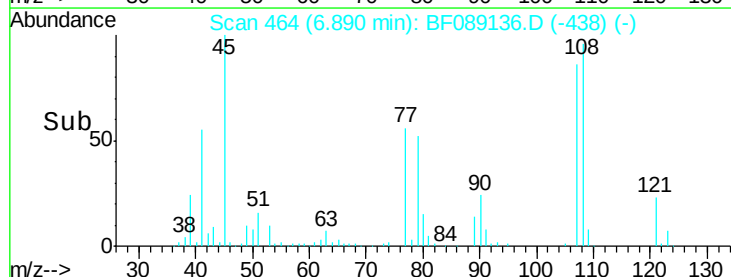
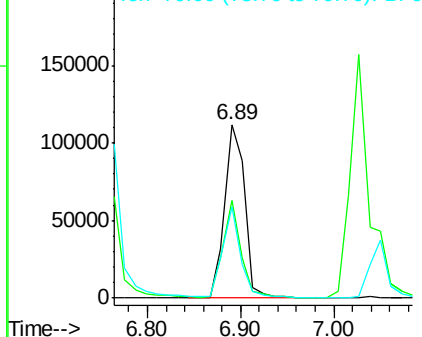


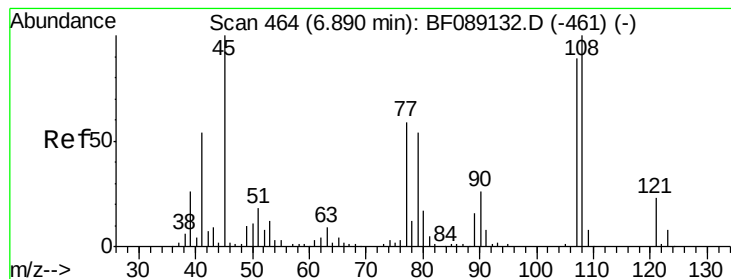
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.21 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion: 45 Resp: 169358
Ion Ratio Lower Upper
45 100
77 56.4 39.7 79.7
79 52.4 34.7 74.7



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: 40.68 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 117794

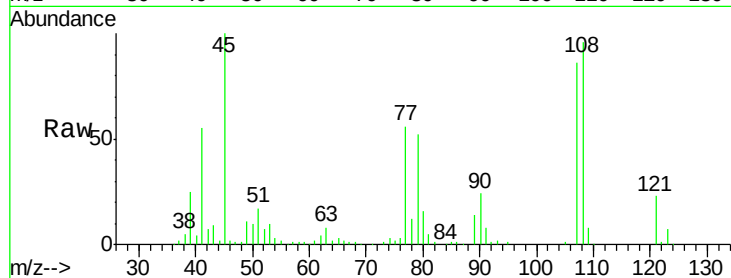
Ion Ratio Lower Upper

107 100

108 111.2 89.4 134.2

77 65.2 53.4 80.0

79 60.5 49.0 73.4



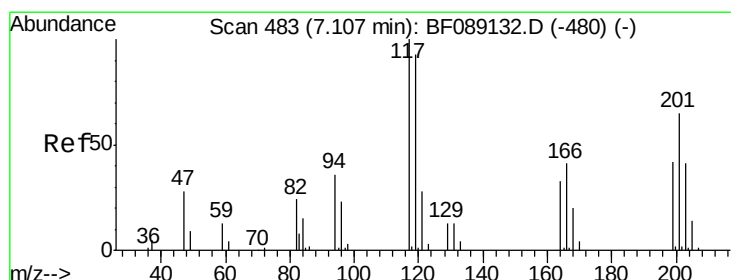
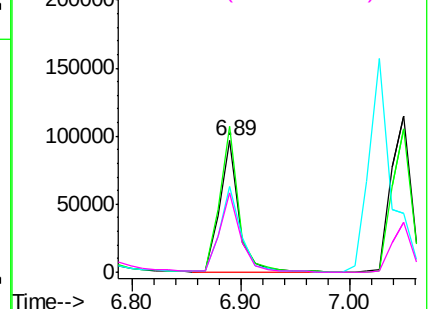
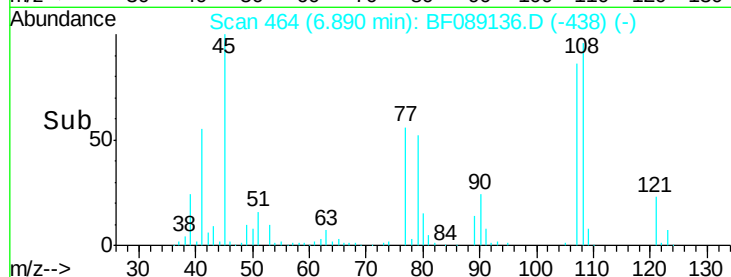
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.15 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

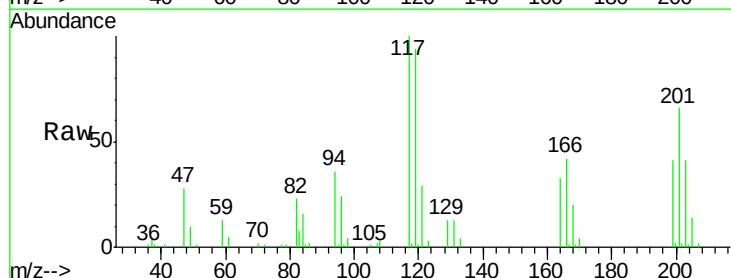
Tgt Ion:117 Resp: 60159

Ion Ratio Lower Upper

117 100

119 93.7 74.5 111.7

201 66.0 51.8 77.6

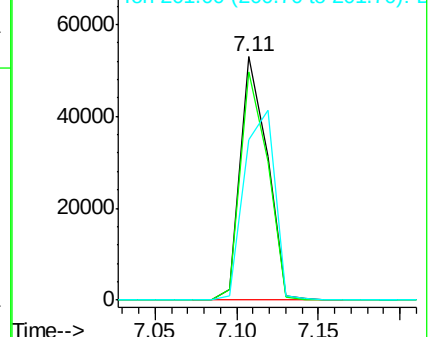
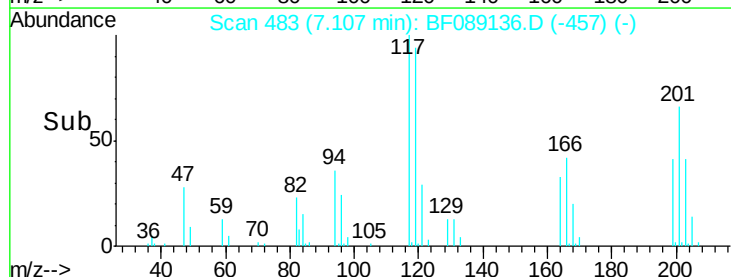


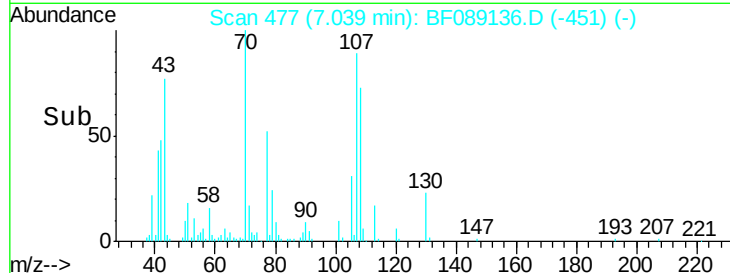
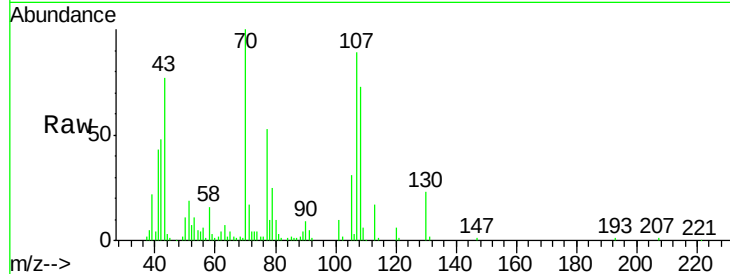
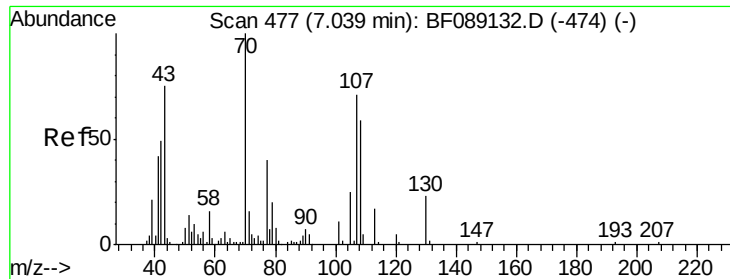
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

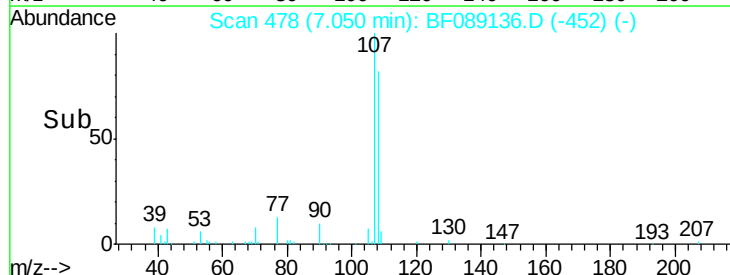
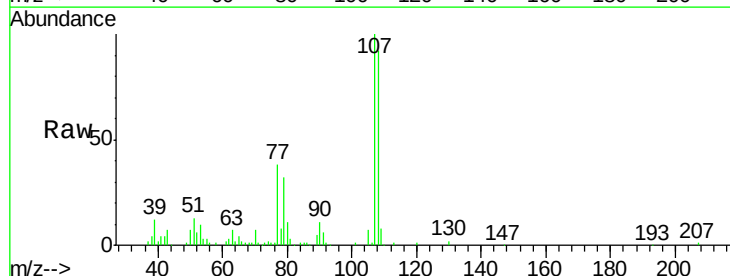
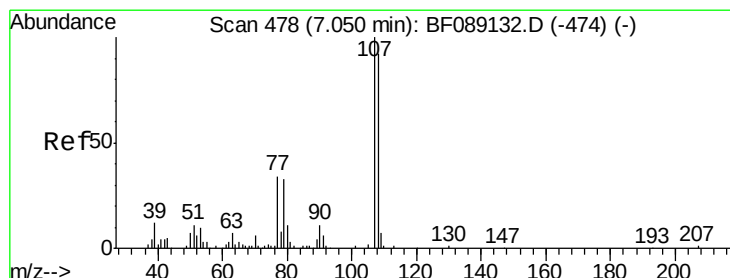
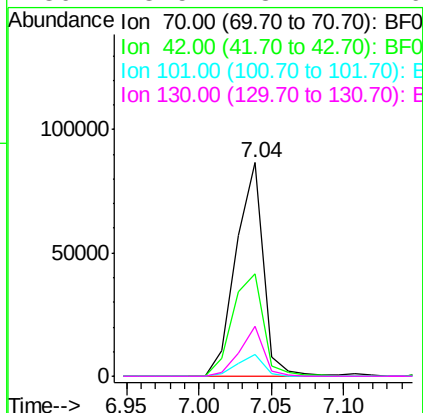




#19
n-Nitroso-di-n-propylamine
Concen: 40.76 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

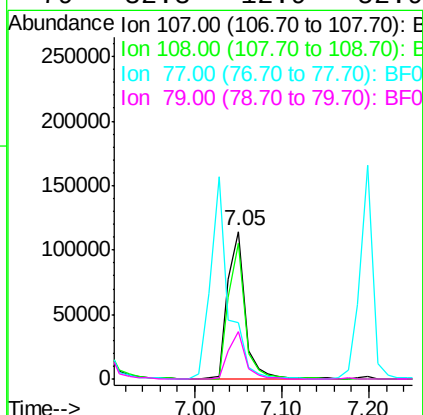
Instrument :
BNA_F
ClientSampleId :

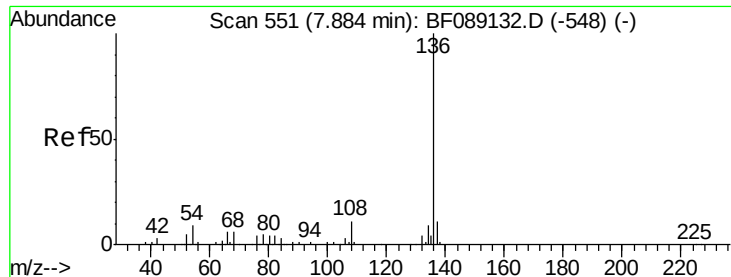
Tot Ion: 70 Resp: 113886
Ion Ratio Lower Upper
70 100
42 48.2 39.2 58.8
101 10.3 8.5 12.7
130 23.5 18.4 27.6



#20
3+4-Methylphenols
Concen: 40.04 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion: 107 Resp: 157403
Ion Ratio Lower Upper
107 100
108 92.2 72.5 112.5
77 37.8 17.7 57.7
79 32.3 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 205499

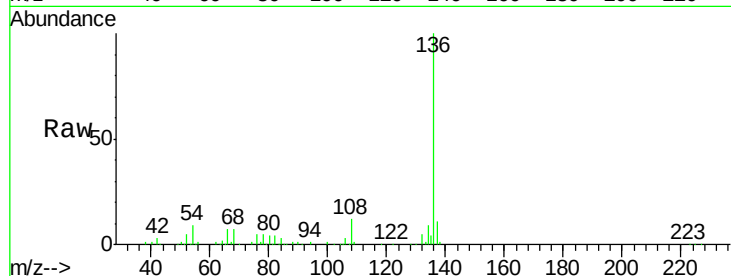
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.9 7.0 10.4

68 6.9 5.0 7.6

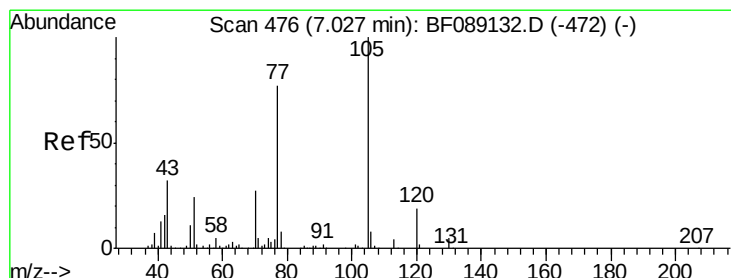
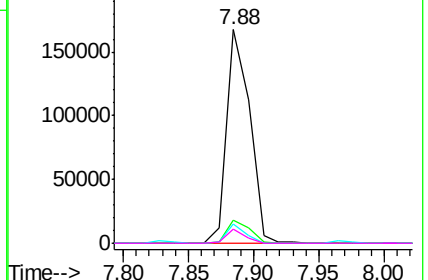
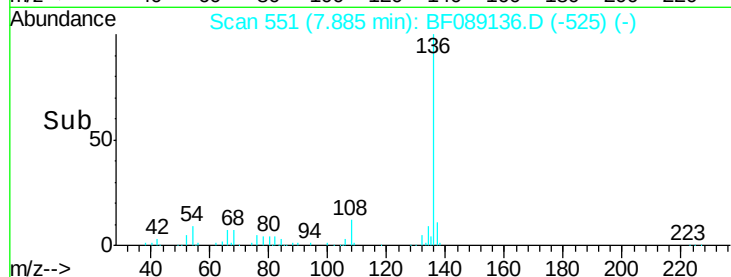


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.55 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Tgt Ion:105 Resp: 227987

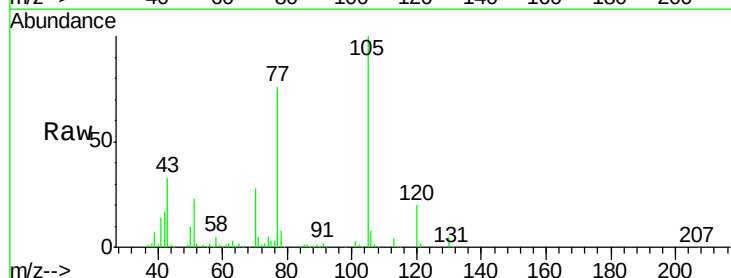
Ion Ratio Lower Upper

105 100

71 4.7 3.8 5.6

51 23.3 19.6 29.4

120 20.0 15.5 23.3

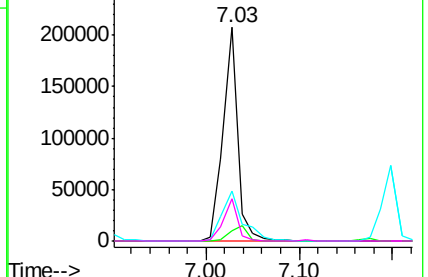
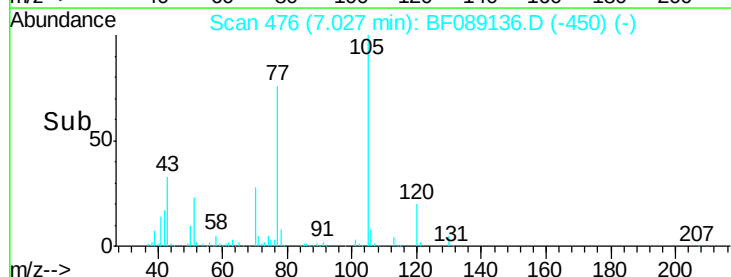


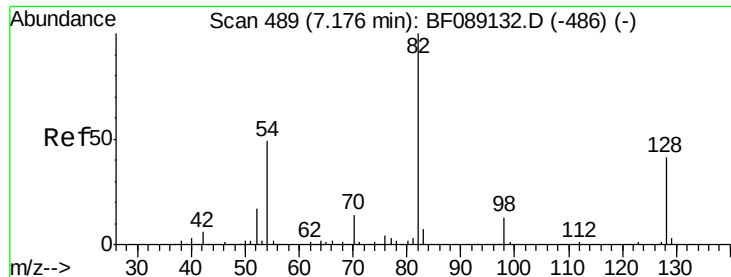
Abundance Ion 105.00 (104.70 to 105.70): E

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

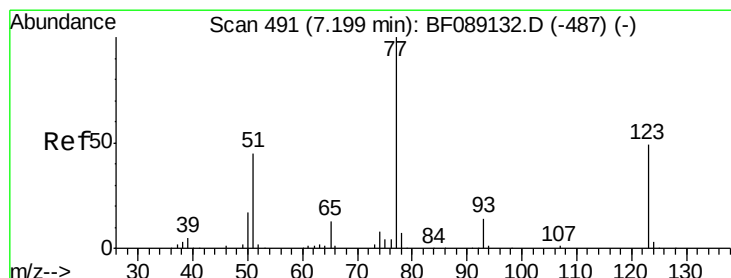
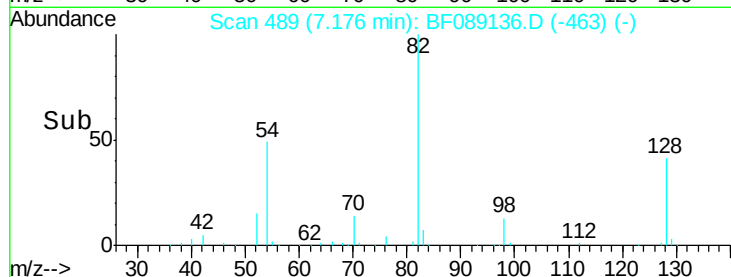
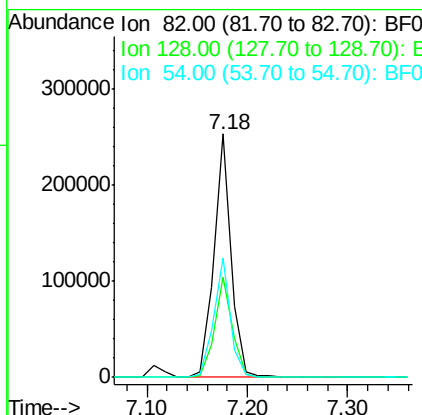
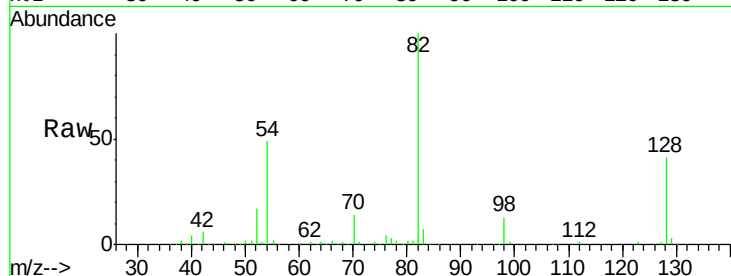




#23
 Nitrobenzene-d5
 Concen: 77.73 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

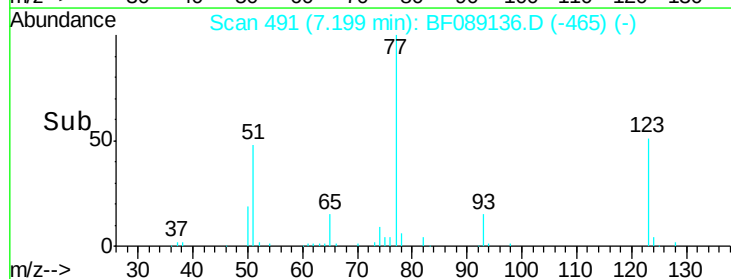
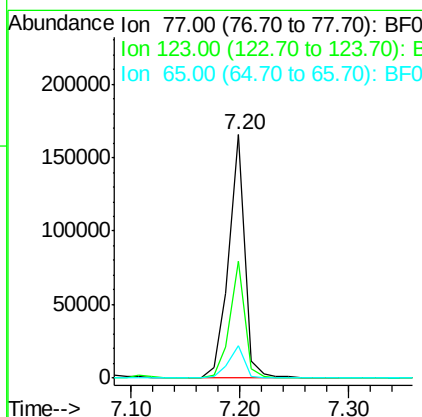
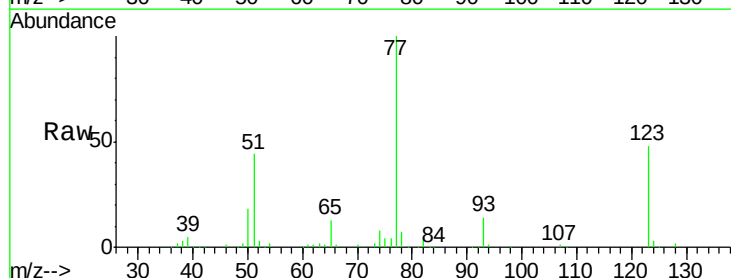
Instrument :
 BNA_F
 ClientSampleId :

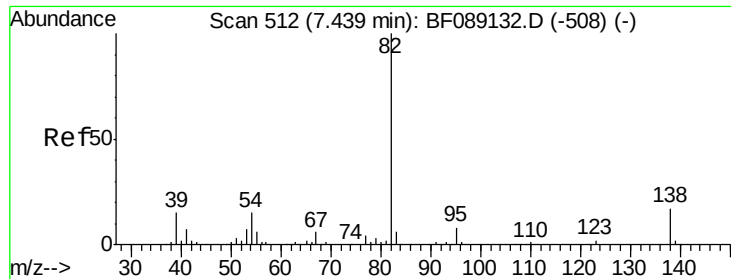
Tot Ion	82	Resp	300645
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.6
54	49.3	39.0	58.4



#24
 Nitrobenzene
 Concen: 41.89 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion	77	Resp	170863
Ion	Ratio	Lower	Upper
77	100		
123	48.2	38.9	58.3
65	13.1	10.6	15.8





#25

Isophorone

Concen: 39.86 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

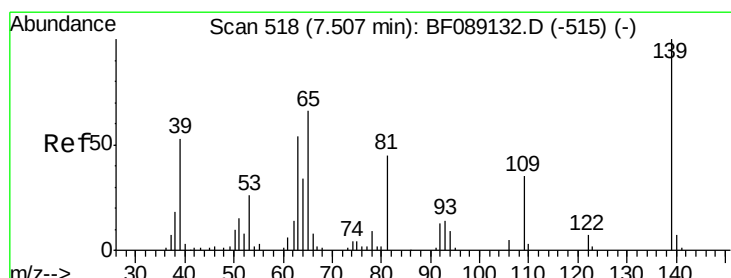
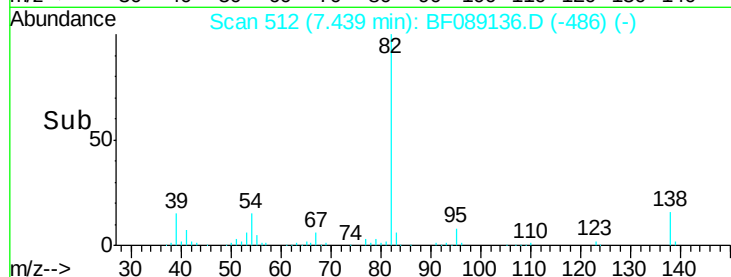
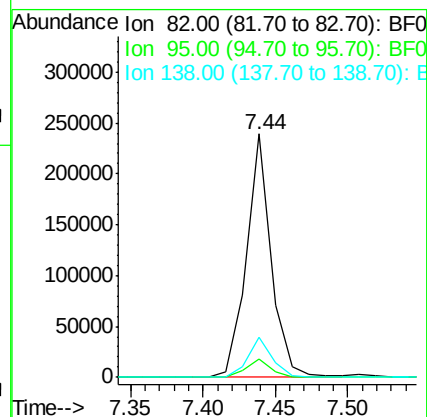
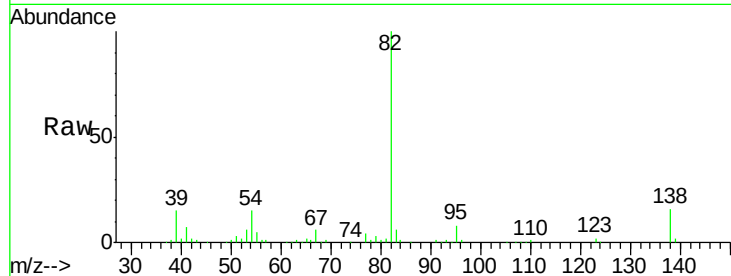
Tot Ion: 82 Resp: 284143

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

138 16.3 13.6 20.4



#26

2-Nitrophenol

Concen: 38.90 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

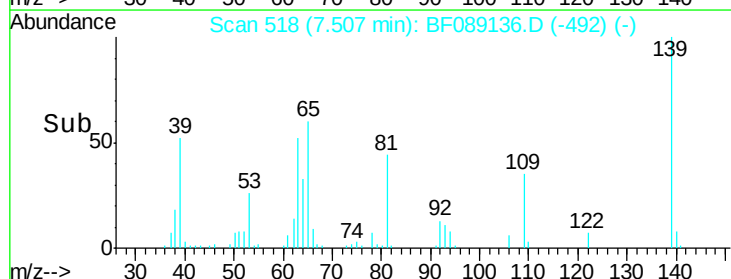
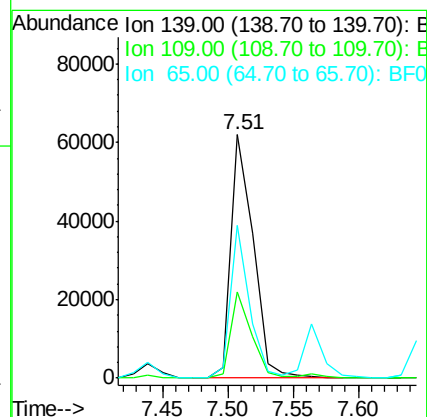
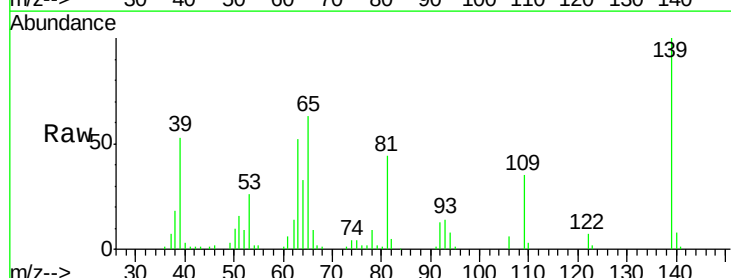
Tgt Ion: 139 Resp: 74007

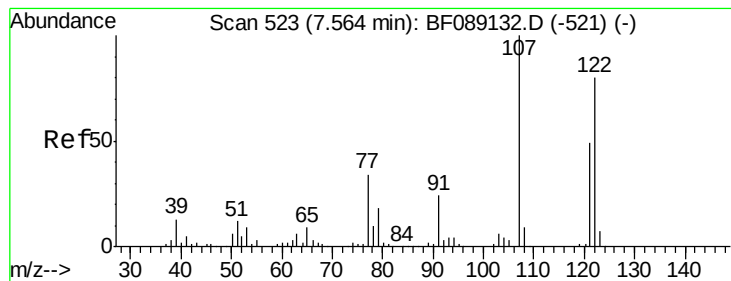
Ion Ratio Lower Upper

139 100

109 35.4 28.1 42.1

65 62.6 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 40.38 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

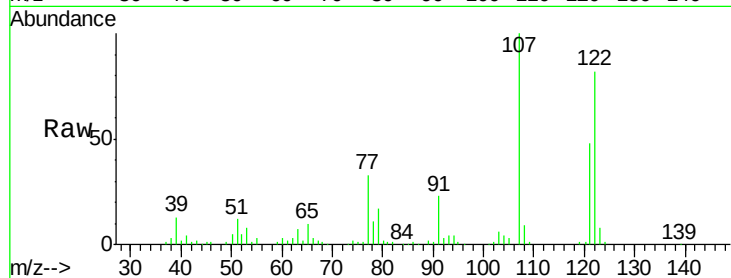
Tot Ion:122 Resp: 129429

Ion Ratio Lower Upper

122 100

107 121.8 99.7 149.5

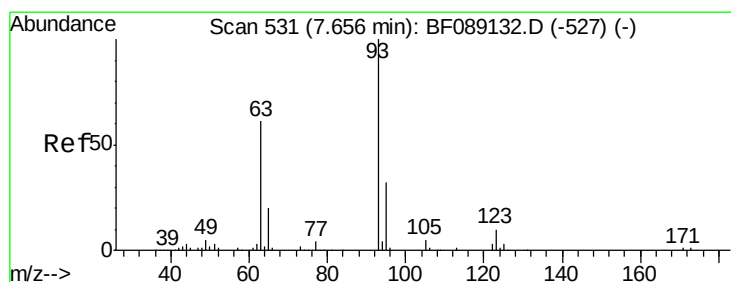
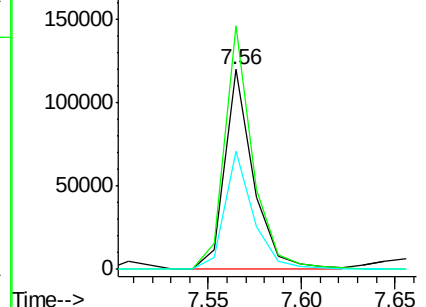
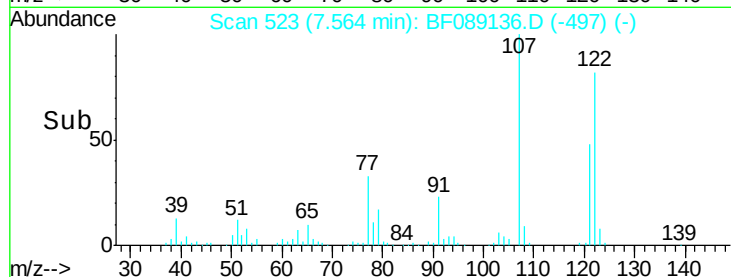
121 59.0 48.5 72.7



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: 43.70 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

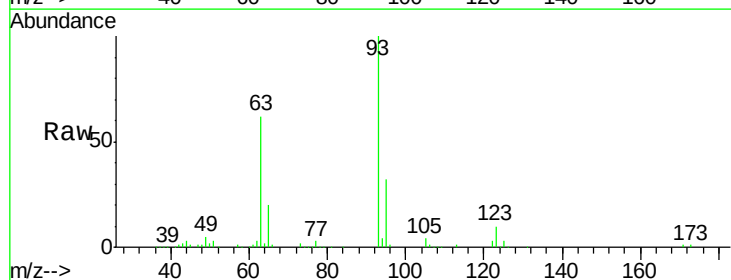
Tgt Ion: 93 Resp: 194830

Ion Ratio Lower Upper

93 100

95 31.5 25.4 38.0

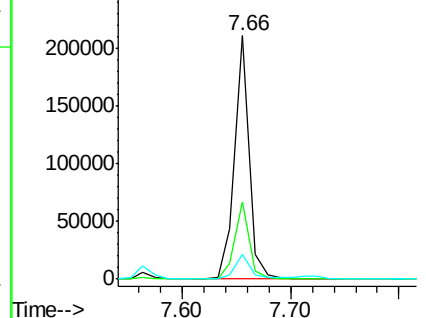
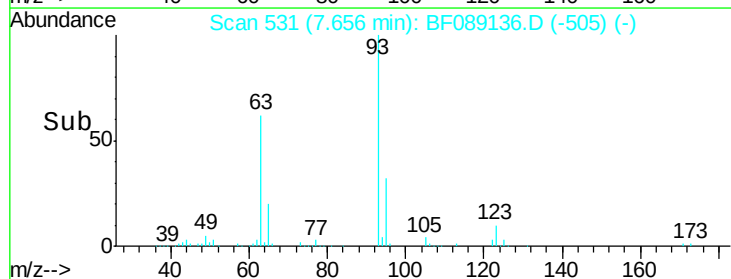
123 10.0 8.3 12.5

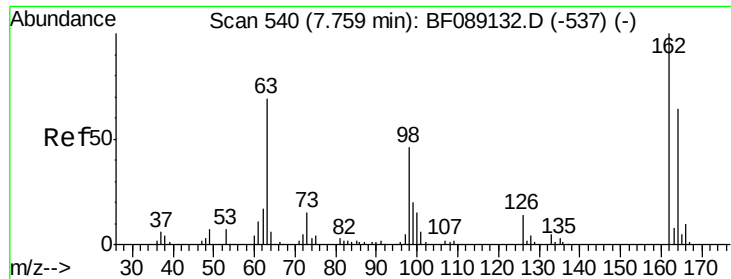


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

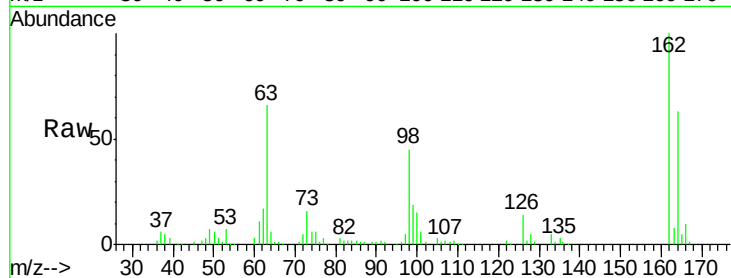




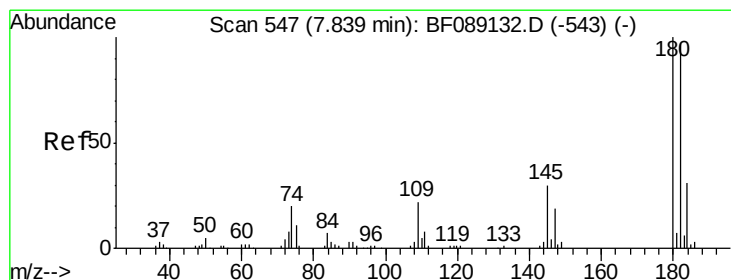
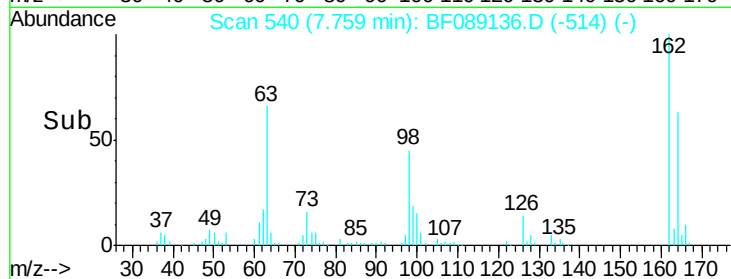
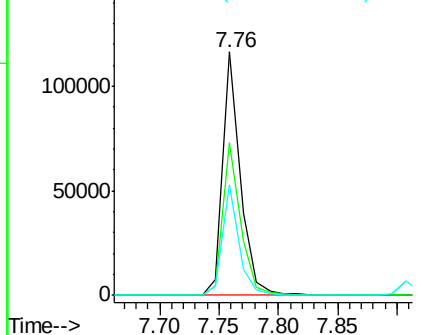
#29
 2,4-Dichlorophenol
 Concen: 41.34 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.0	84.0
98	45.2	26.0	66.0

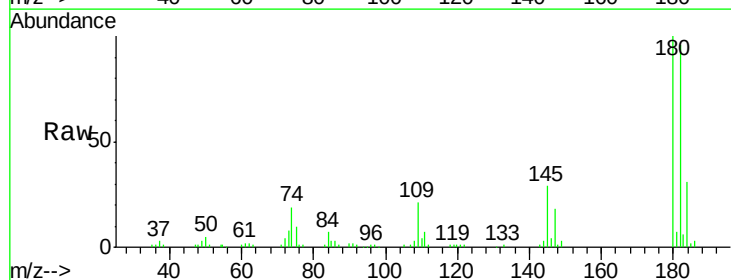


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

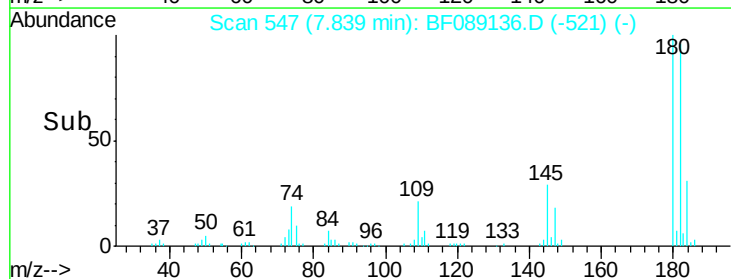
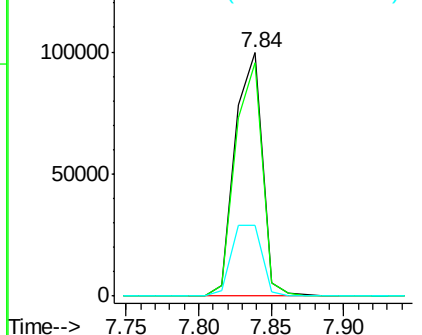


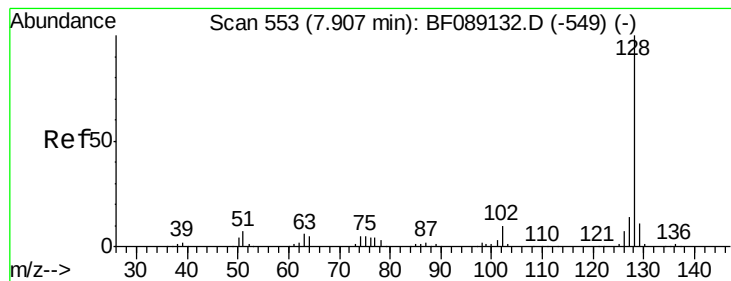
#30
 1,2,4-Trichlorobenzene
 Concen: 40.63 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.6	116.4
145	29.1	24.0	36.0



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





#31

Naphthalene

Concen: 37.72 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampled :

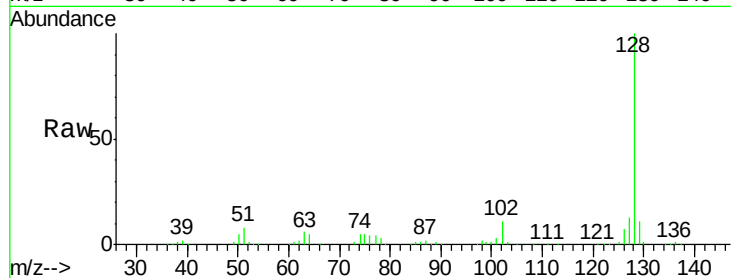
Tot Ion:128 Resp: 418398

Ion Ratio Lower Upper

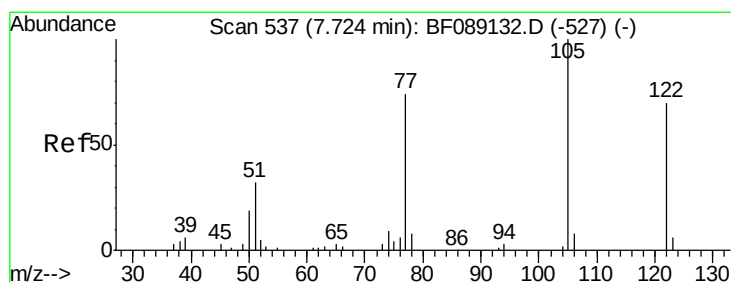
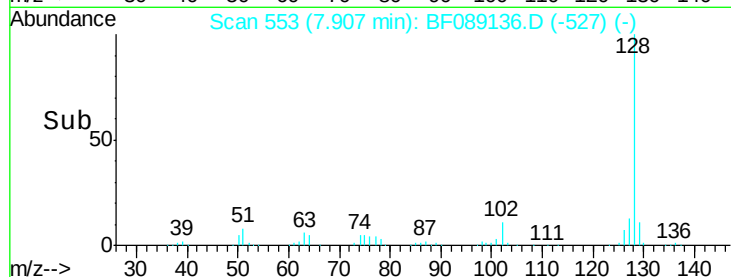
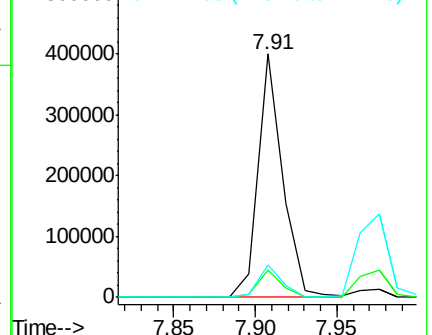
128 100

129 11.4 8.9 13.3

127 13.4 10.8 16.2



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



#32

Benzoic acid

Concen: 41.76 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

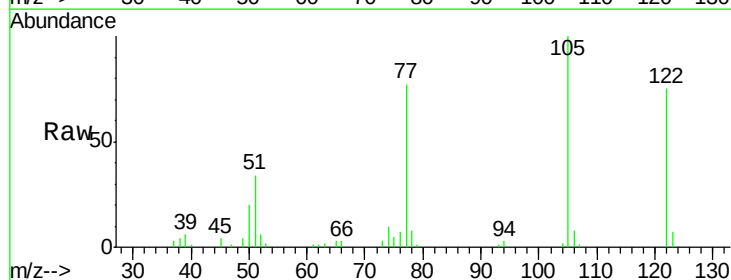
Tgt Ion:122 Resp: 102948

Ion Ratio Lower Upper

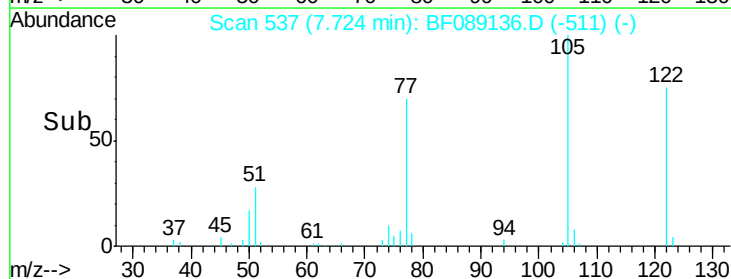
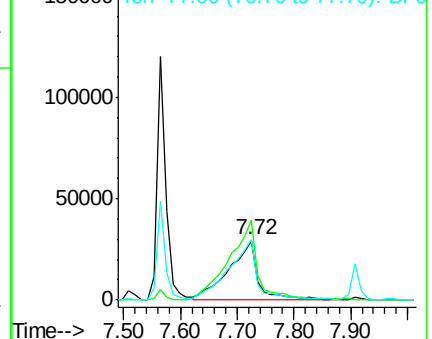
122 100

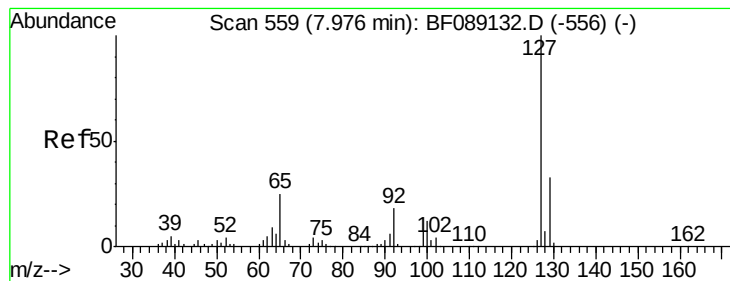
105 133.5 119.0 159.0

77 102.9 84.7 124.7



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: 40.00 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 186571

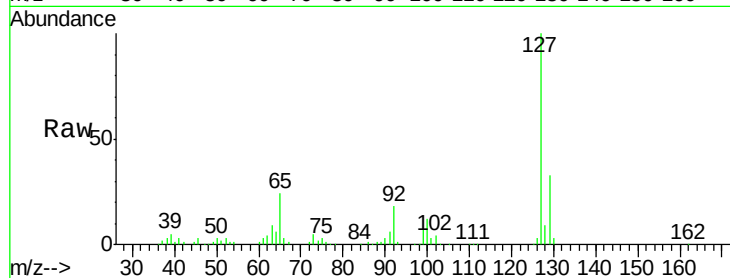
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 23.7 19.7 29.5

92 18.0 14.3 21.5

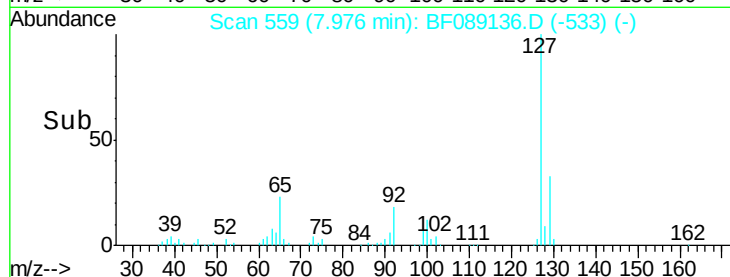


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

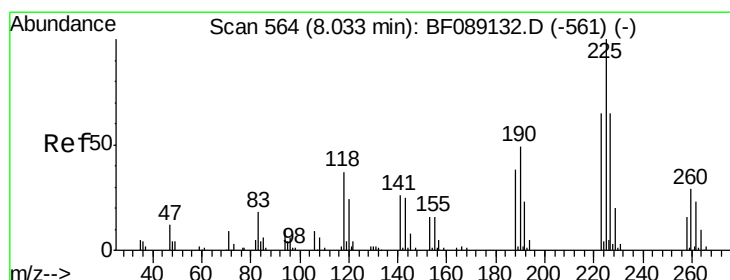
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->

7.98



#34

Hexachlorobutadiene

Concen: 42.01 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

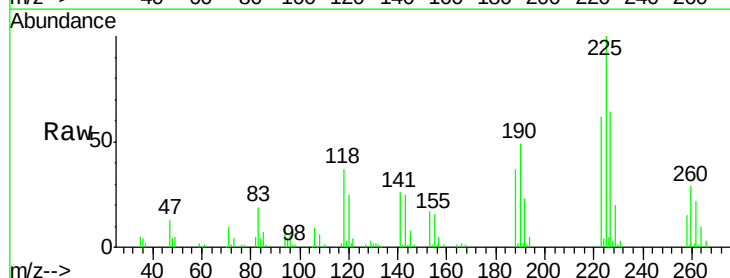
Tgt Ion:225 Resp: 74763

Ion Ratio Lower Upper

225 100

223 62.4 51.6 77.4

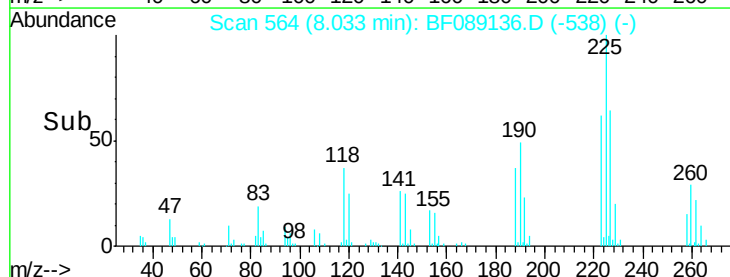
227 63.9 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E

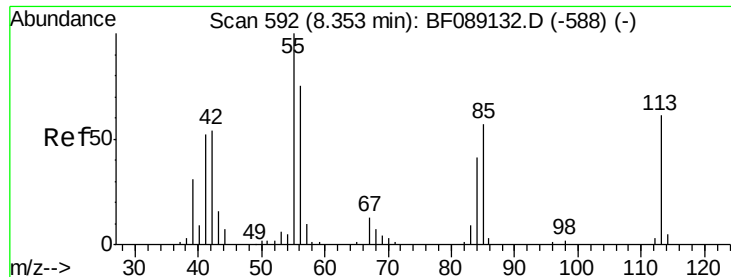
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

8.03



#35

Caprolactam

Concen: 41.77 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

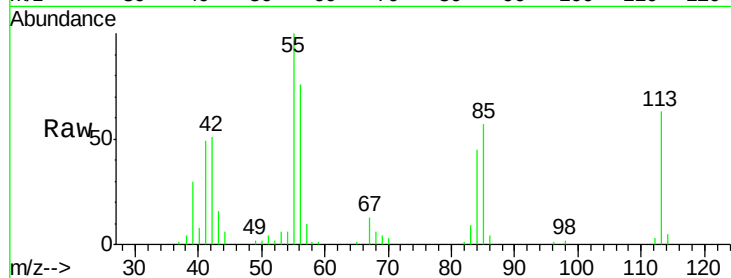
Tot Ion:113 Resp: 37476

Ion Ratio Lower Upper

113 100

55 159.8 145.3 185.3

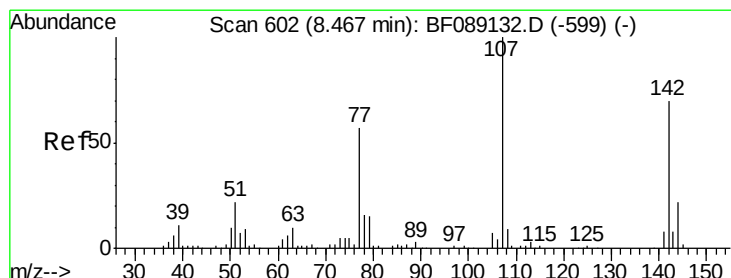
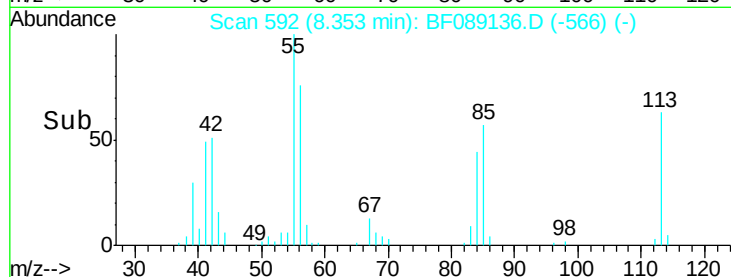
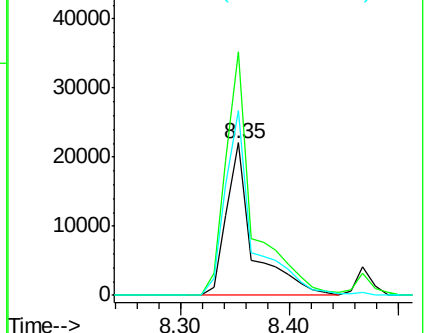
56 121.1 104.3 144.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.80 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

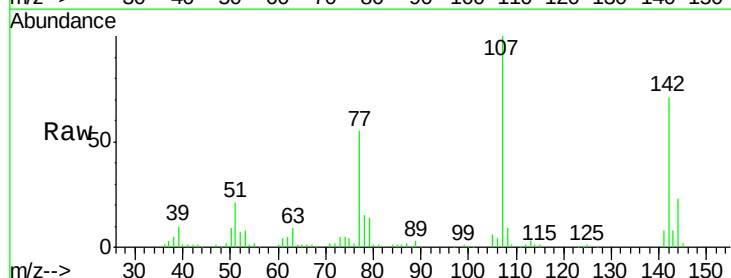
Tgt Ion:107 Resp: 141984

Ion Ratio Lower Upper

107 100

144 22.8 17.8 26.6

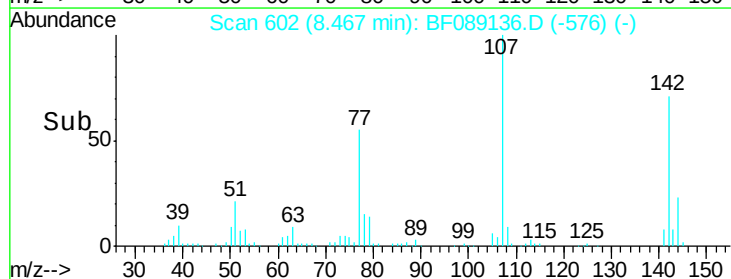
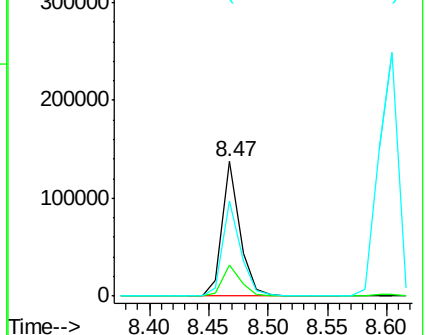
142 70.6 56.1 84.1

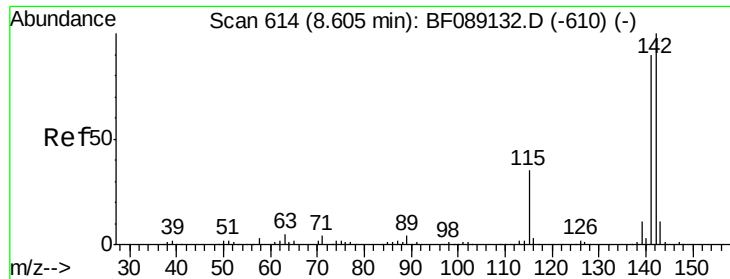


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

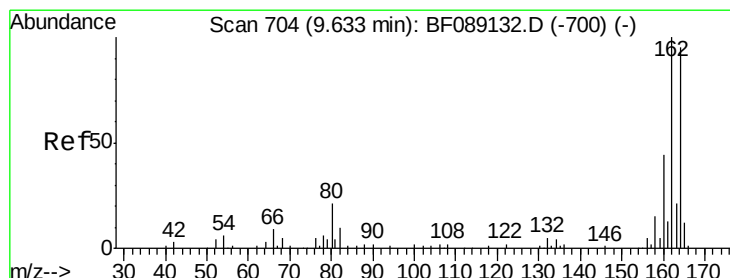
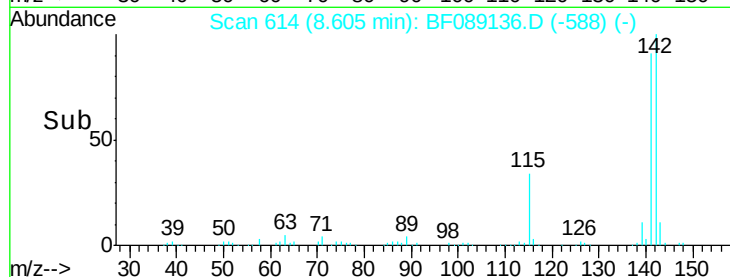
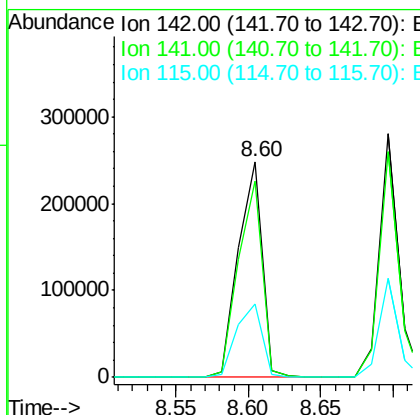
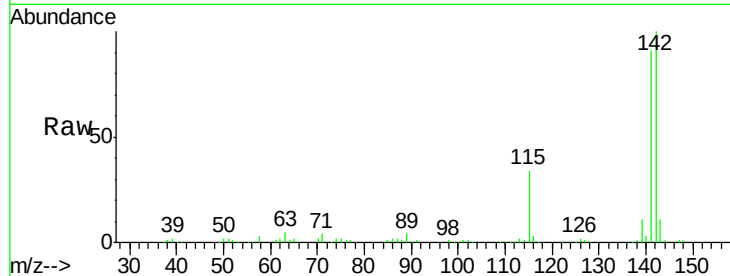




#37
 2-Methylnaphthalene
 Concen: 40.38 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

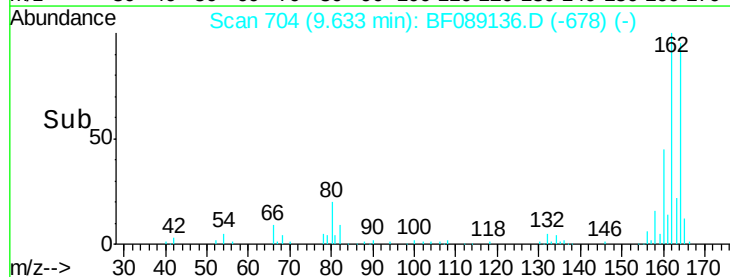
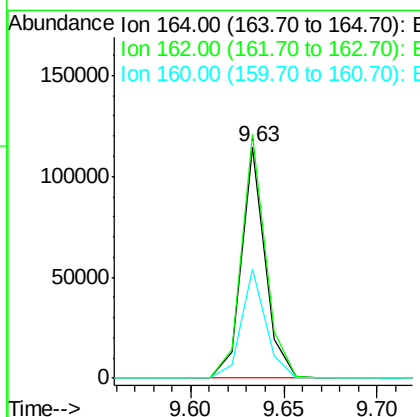
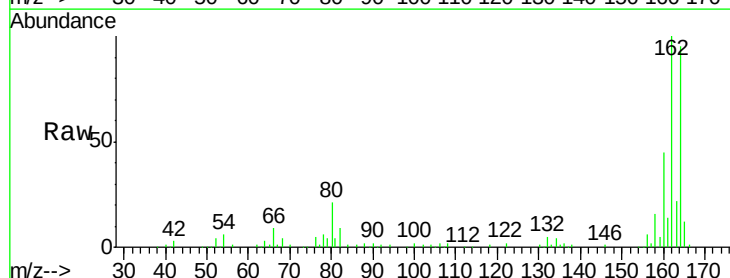
Instrument :
 BNA_F
 ClientSampleId :

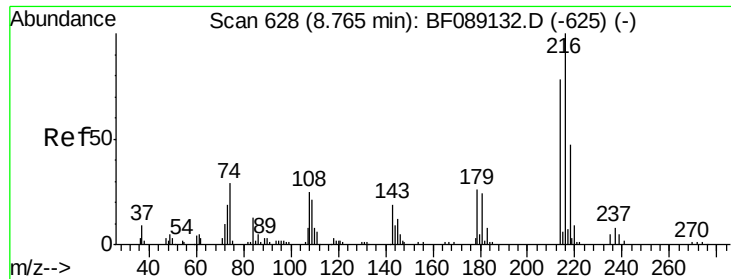
Tot Ion:142 Resp: 285603
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.6 107.4
 115 33.9 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion:164 Resp: 101225
 Ion Ratio Lower Upper
 164 100
 162 105.4 84.1 126.1
 160 47.2 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.76 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 138286

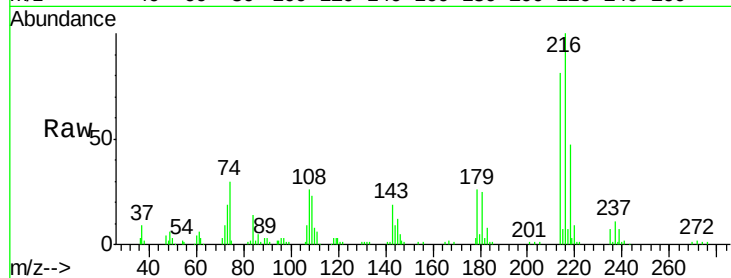
Ion Ratio Lower Upper

216 100

214 79.8 61.9 92.9

179 23.2 18.4 27.6

108 21.8 17.0 25.6

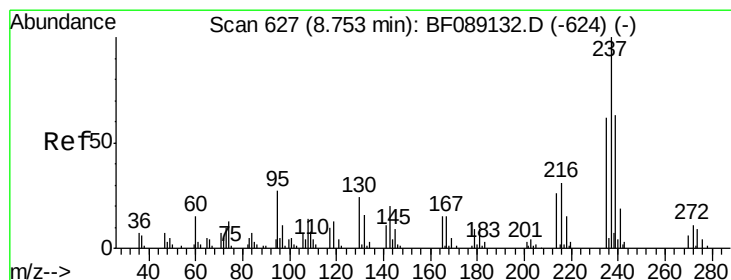
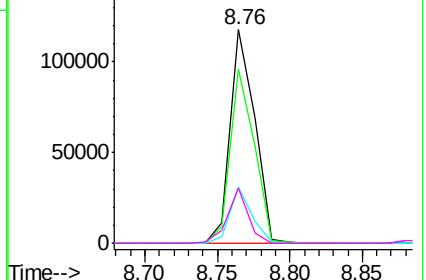
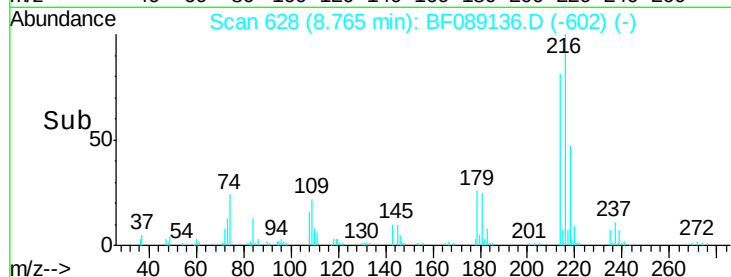


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.16 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

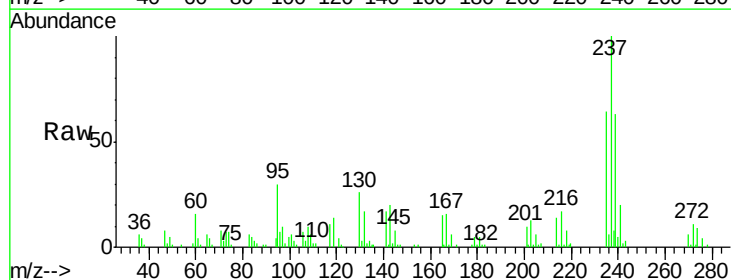
Tgt Ion:237 Resp: 58737

Ion Ratio Lower Upper

237 100

235 64.1 42.1 82.1

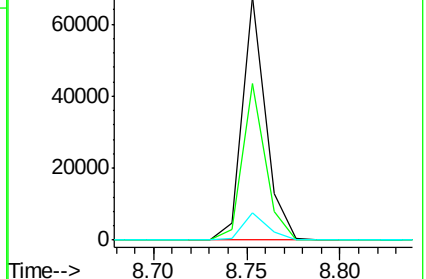
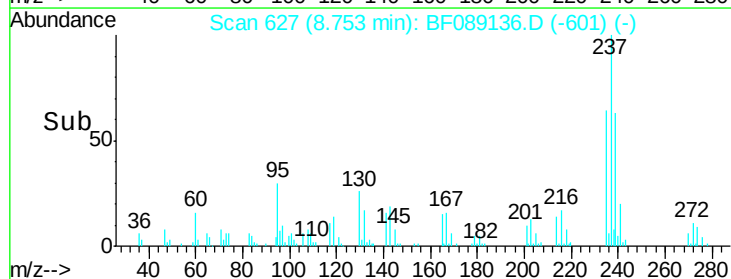
272 11.1 0.0 31.4

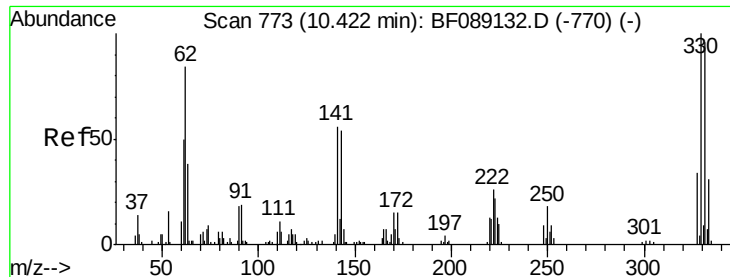


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

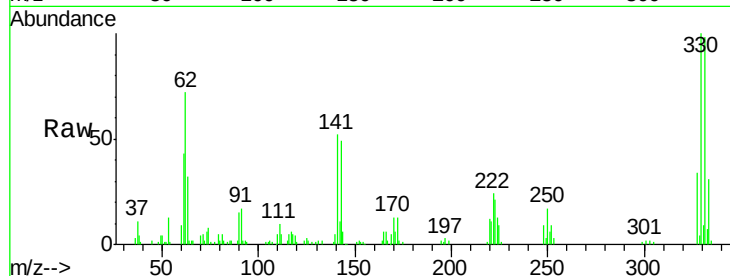




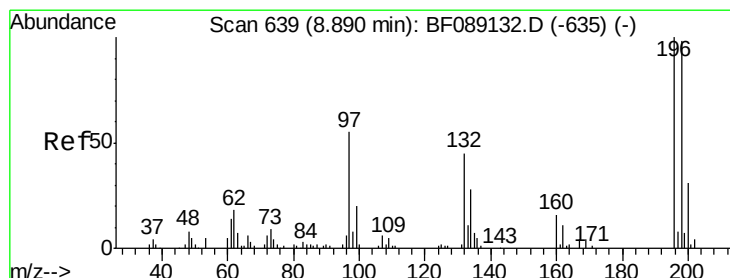
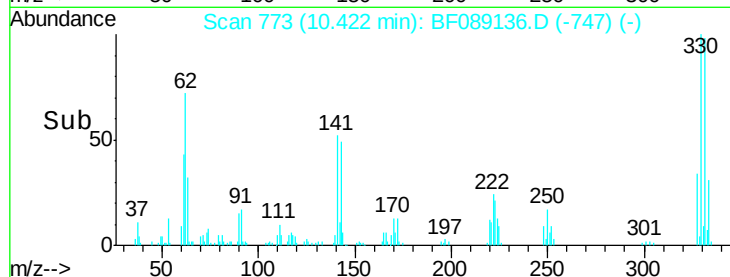
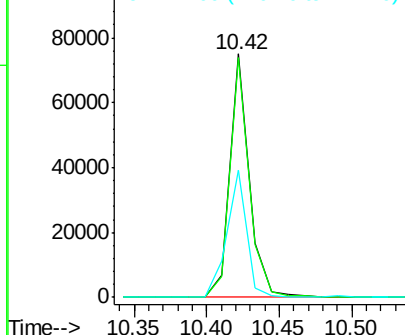
#41
 2,4,6-Tribromophenol
 Concen: 76.34 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 69576
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.2 115.8
 141 53.2 42.2 63.2

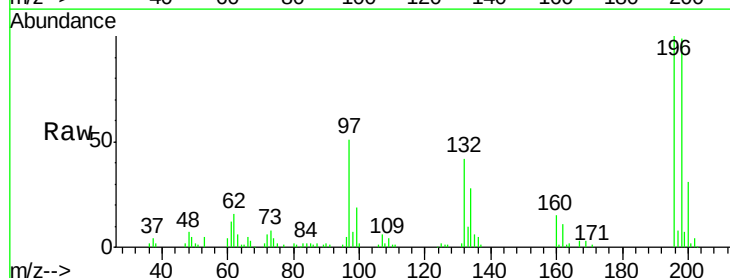


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

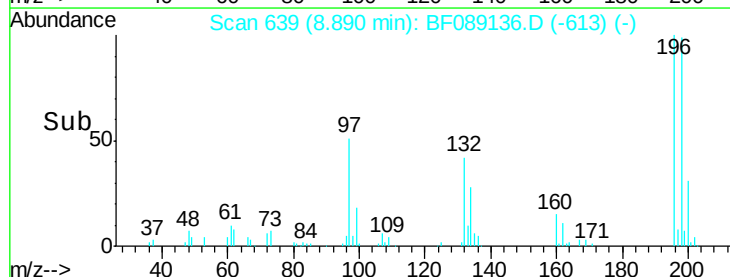
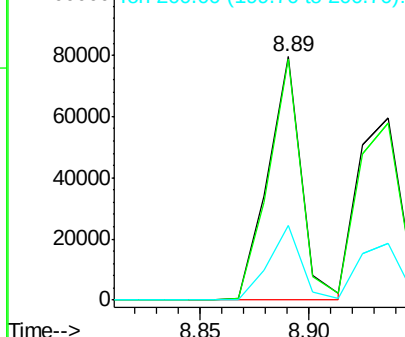


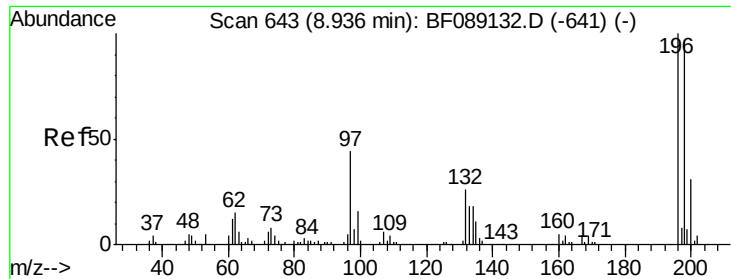
#42
 2,4,6-Trichlorophenol
 Concen: 40.51 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion:196 Resp: 85298
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.3 117.5
 200 30.9 25.0 37.4



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

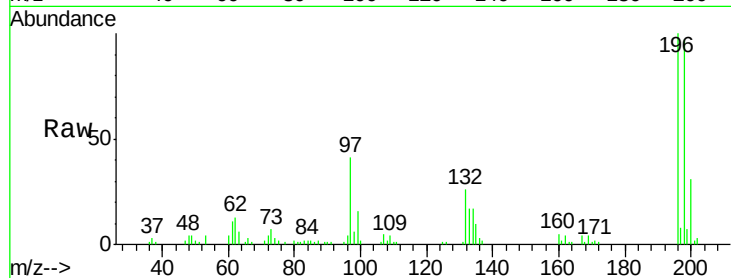




#43
 2,4,5-Trichlorophenol
 Concen: 40.14 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.4	77.6	116.4	
97	41.1	36.5	54.7	
132	25.6	21.2	31.8	



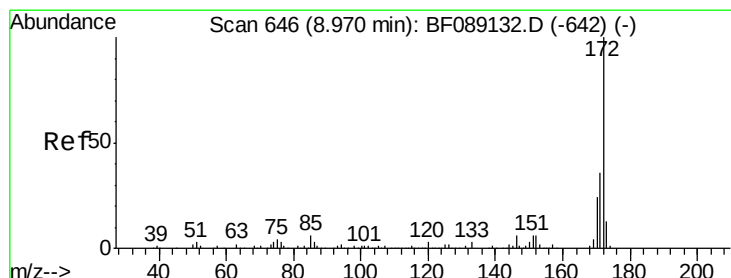
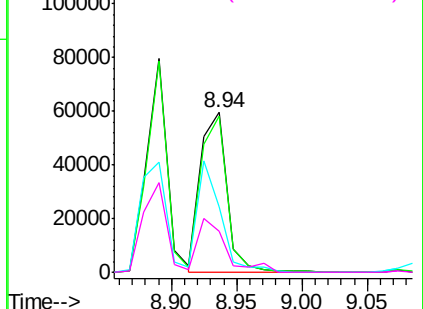
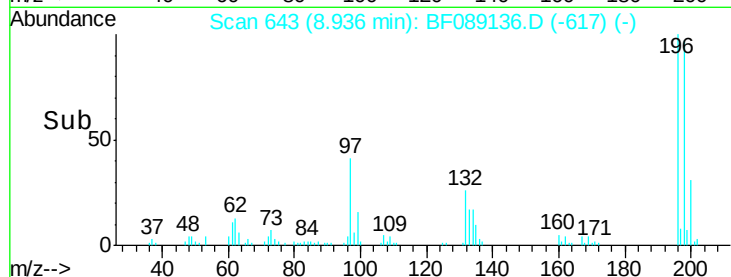
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

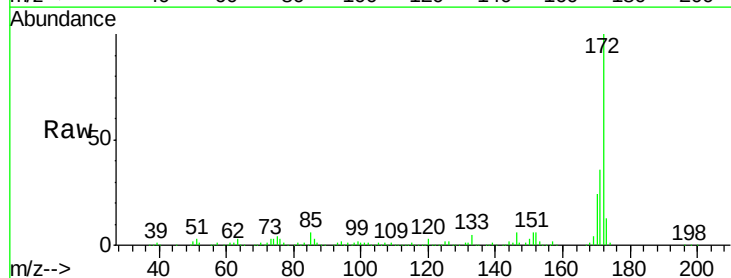
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.14 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.1	29.2	43.8	
170	23.8	19.1	28.7	

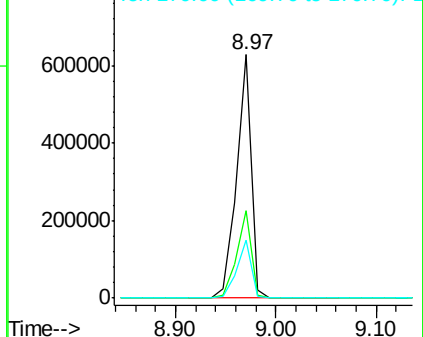
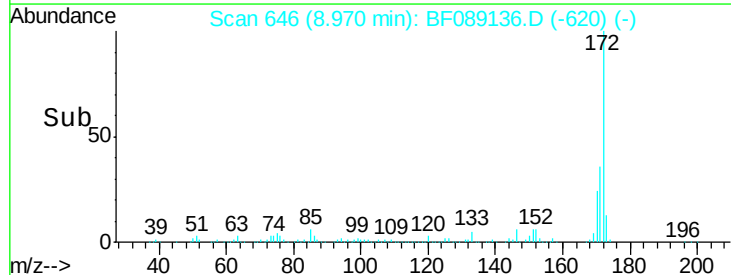


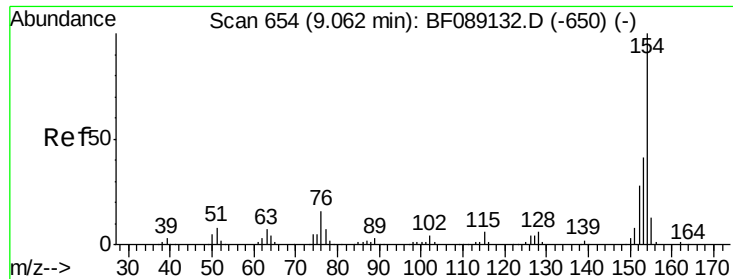
Abundance

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: 35.57 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

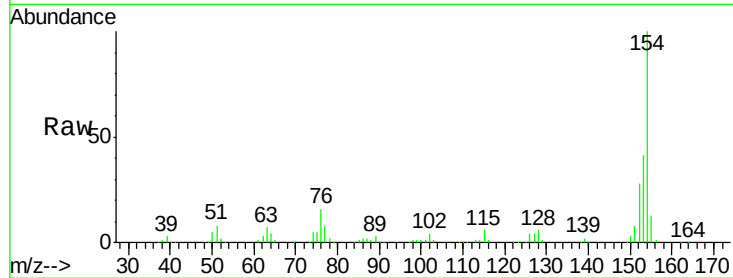
Tot Ion:154 Resp: 324220

Ion Ratio Lower Upper

154 100

153 41.3 21.1 61.1

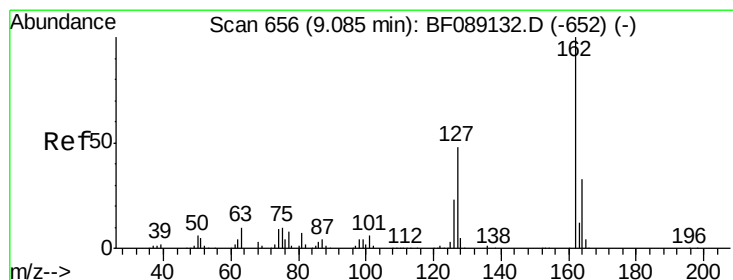
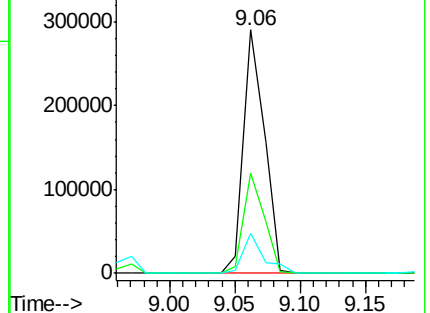
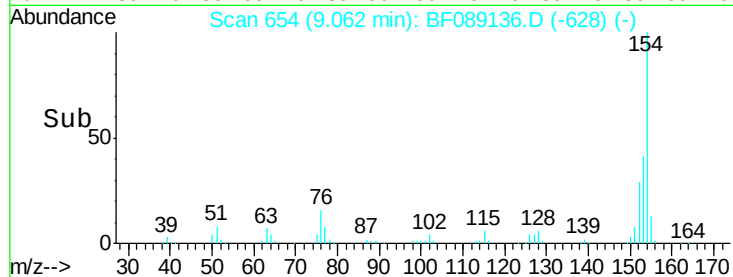
76 16.4 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.34 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

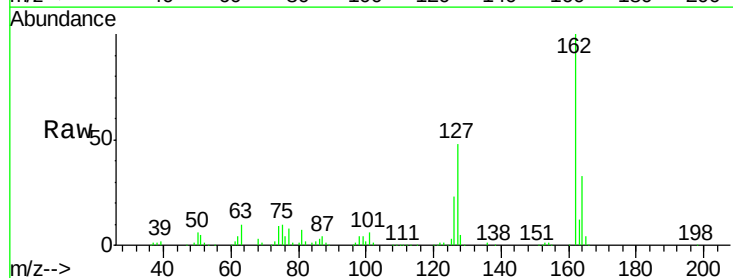
Tgt Ion:162 Resp: 258647

Ion Ratio Lower Upper

162 100

127 47.9 38.1 57.1

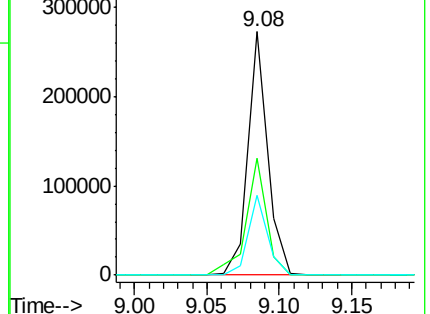
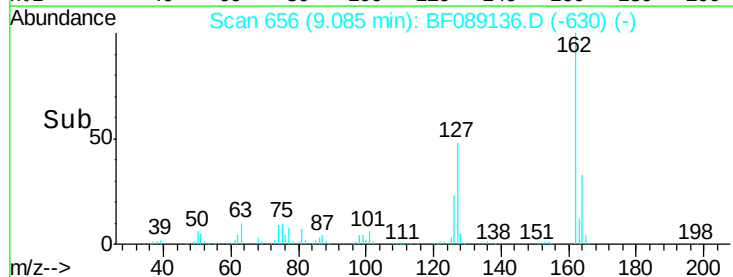
164 32.6 26.1 39.1

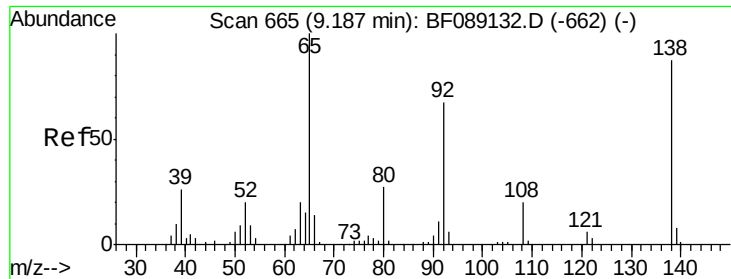


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

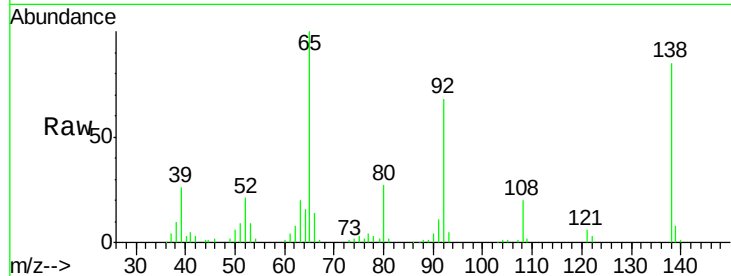




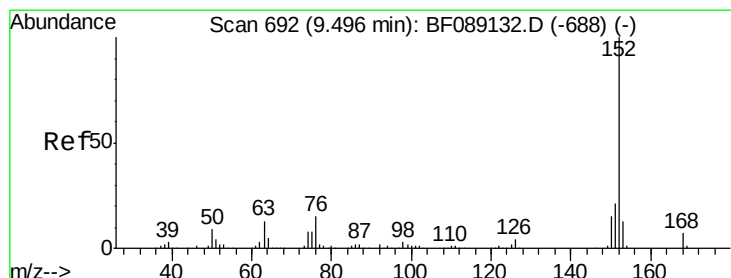
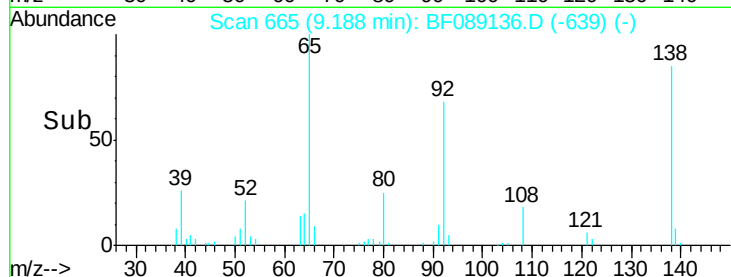
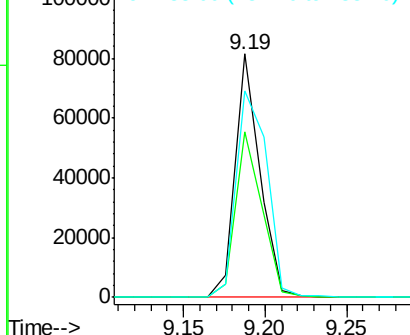
#47
2-Nitroaniline
Concen: 35.76 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 84981
Ion Ratio Lower Upper
65 100
92 67.9 53.2 79.8
138 84.7 69.4 104.2

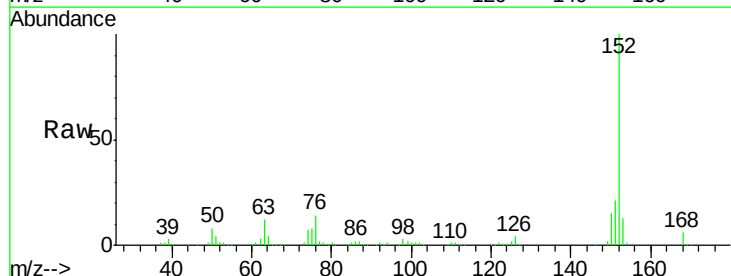


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

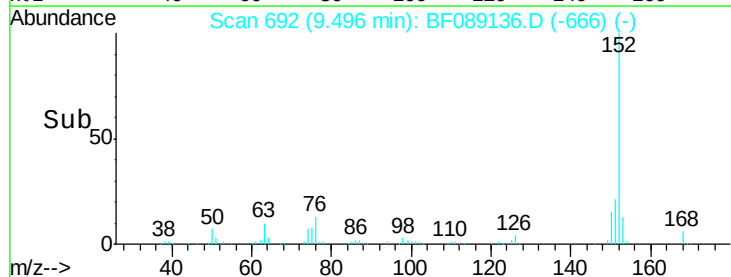
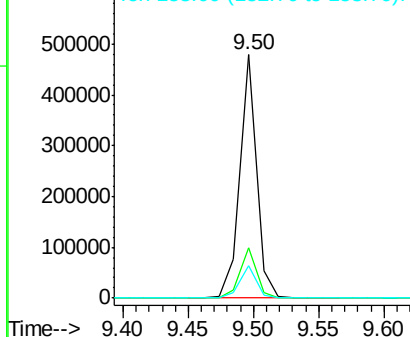


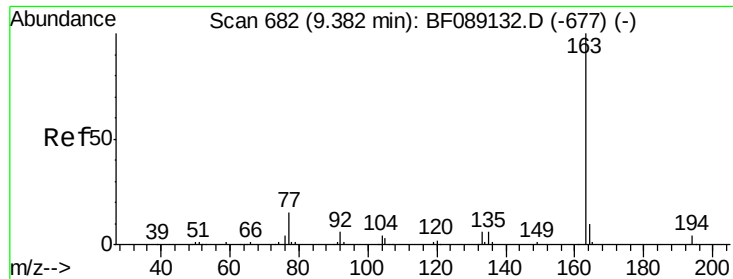
#48
Acenaphthylene
Concen: 38.79 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion: 152 Resp: 422498
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.5 10.7 16.1



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

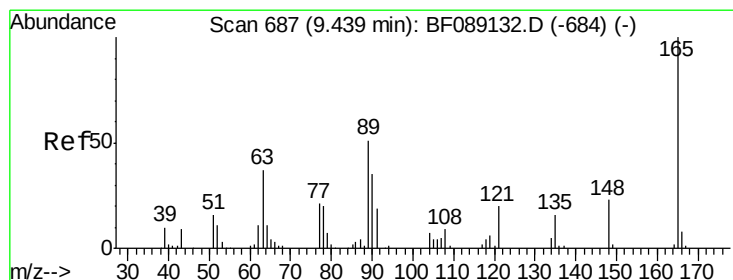
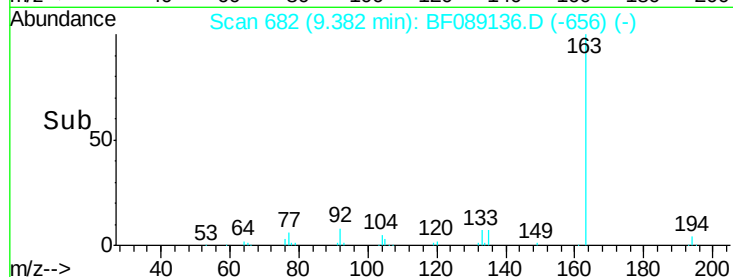
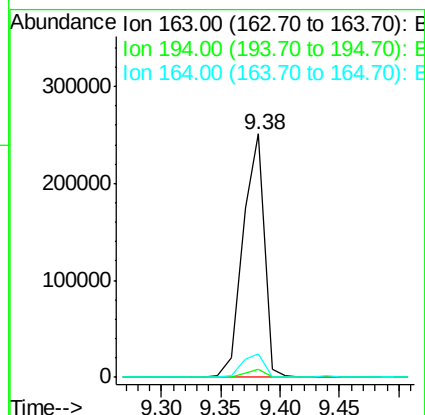
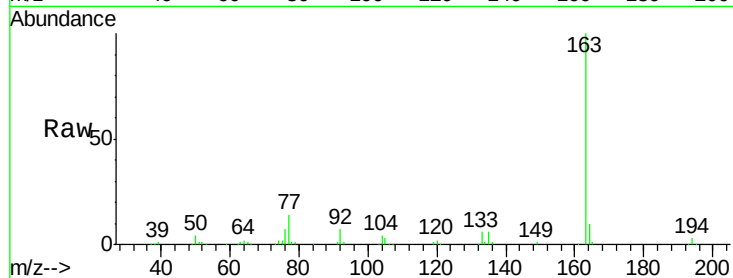




#49
Dimethylphthalate
Concen: 40.54 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

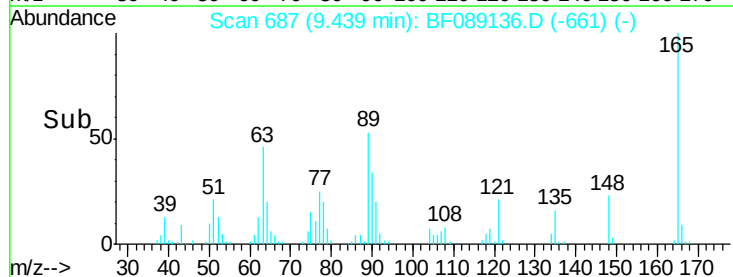
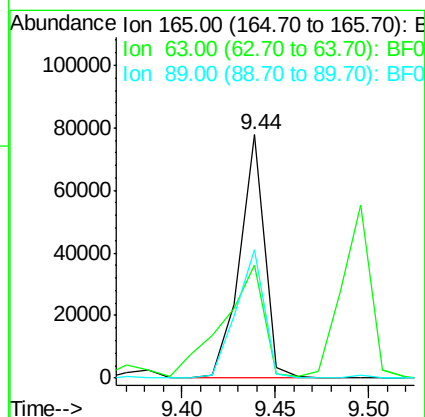
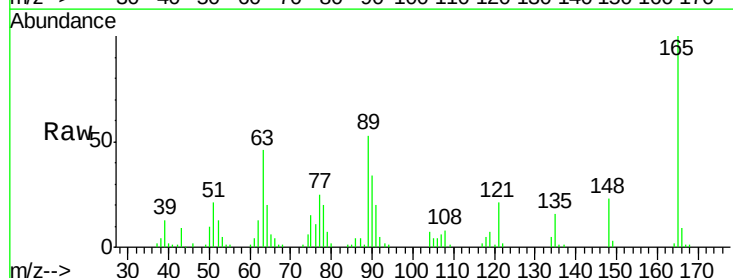
Instrument :
BNA_F
ClientSampleId :

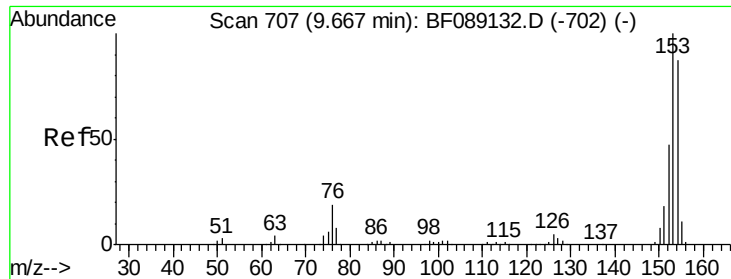
Tot Ion:163 Resp: 314889
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.6 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 41.58 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion:165 Resp: 72912
Ion Ratio Lower Upper
165 100
63 46.3 37.0 55.4
89 52.9 40.9 61.3

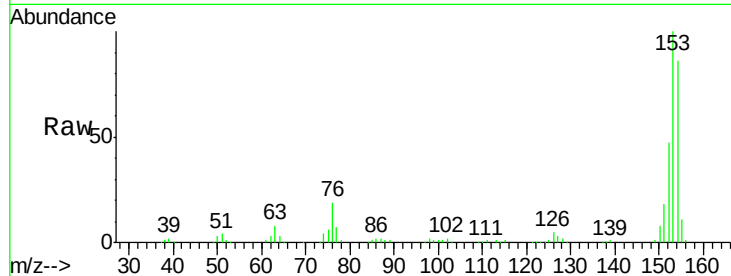




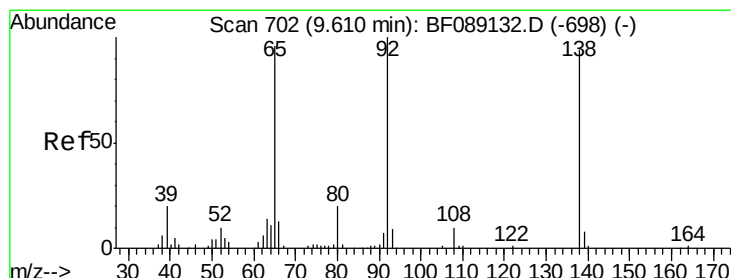
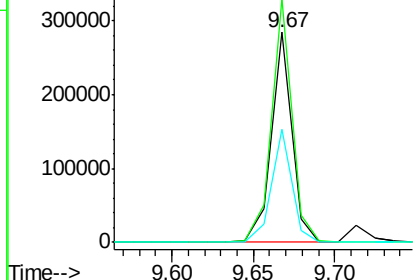
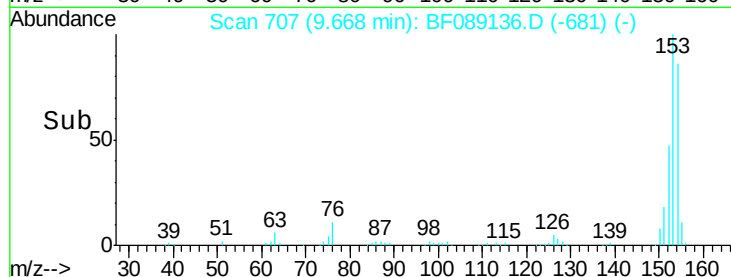
#51
Acenaphthene
Concen: 38.98 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 251111
Ion Ratio Lower Upper
154 100
153 115.9 91.9 137.9
152 54.0 42.8 64.2

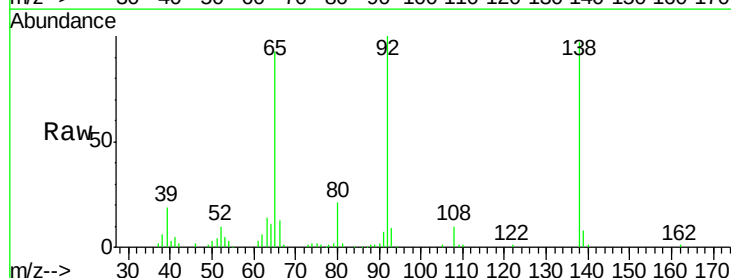


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

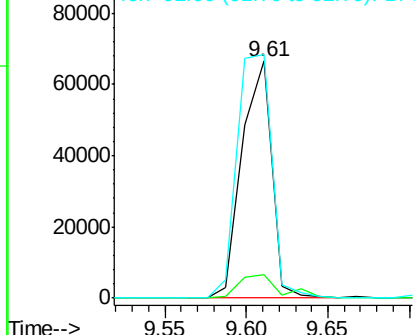
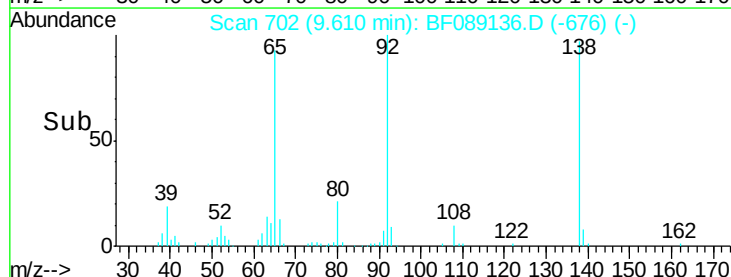


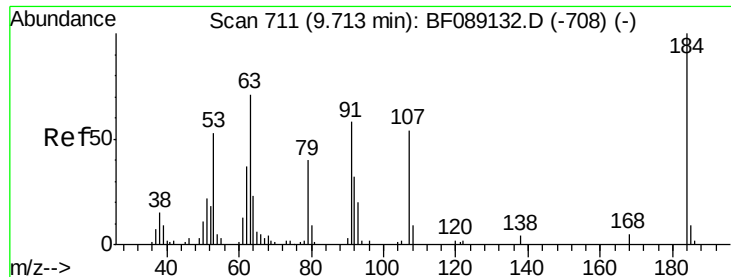
#52
3-Nitroaniline
Concen: 40.47 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion:138 Resp: 84273
Ion Ratio Lower Upper
138 100
108 10.0 8.8 13.2
92 102.9 85.3 127.9



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

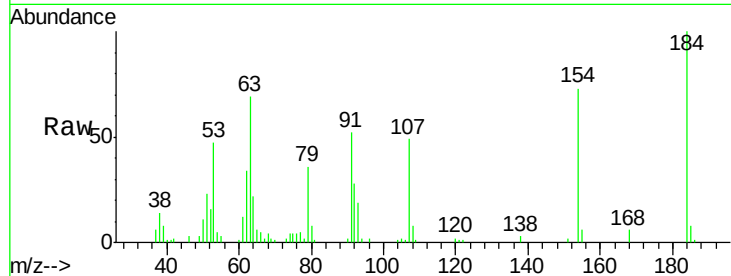




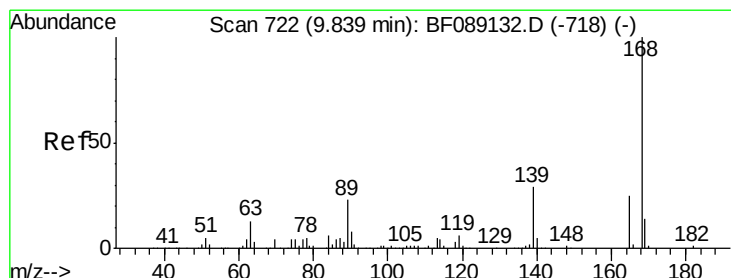
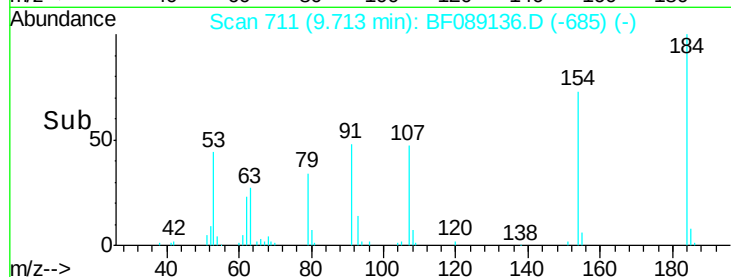
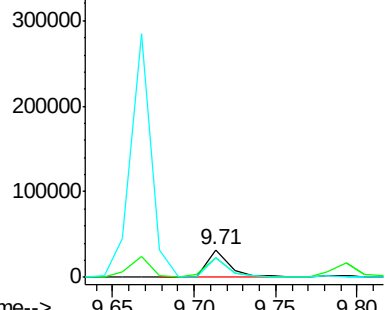
#53
2,4-Dinitrophenol
Concen: 40.74 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 32240
Ion Ratio Lower Upper
184 100
63 69.3 60.3 90.5
154 72.8 60.7 91.1

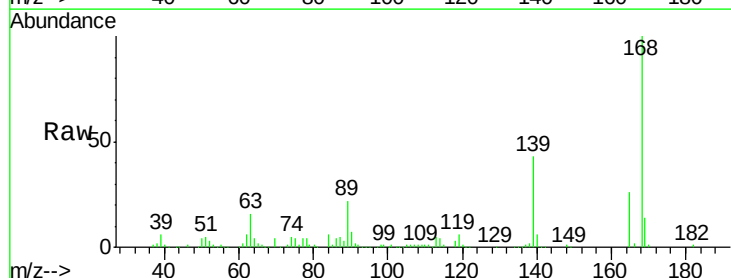


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

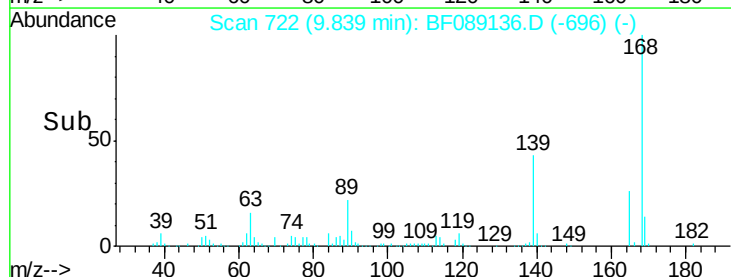
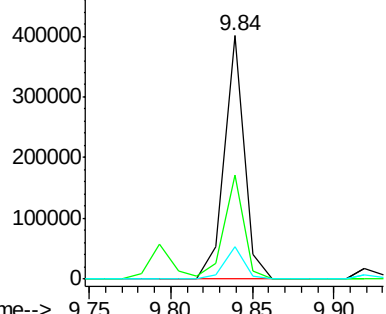


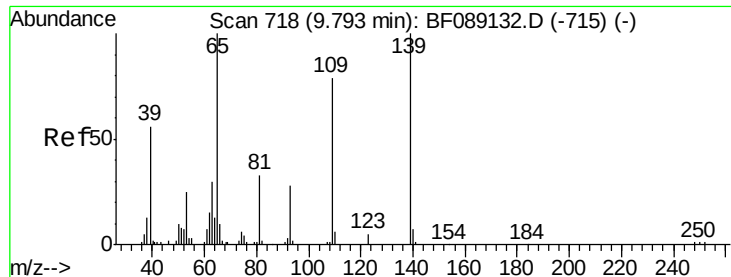
#54
Dibenzofuran
Concen: 39.20 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion:168 Resp: 341233
Ion Ratio Lower Upper
168 100
139 42.6 34.4 51.6
169 13.5 10.8 16.2



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

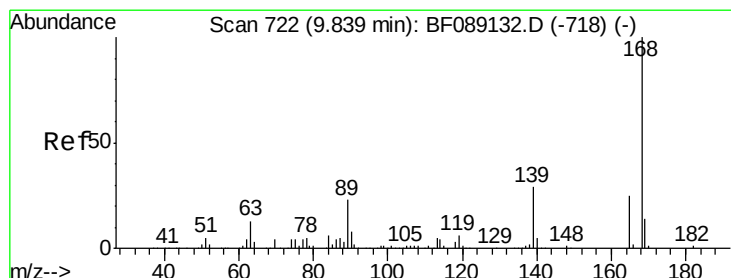
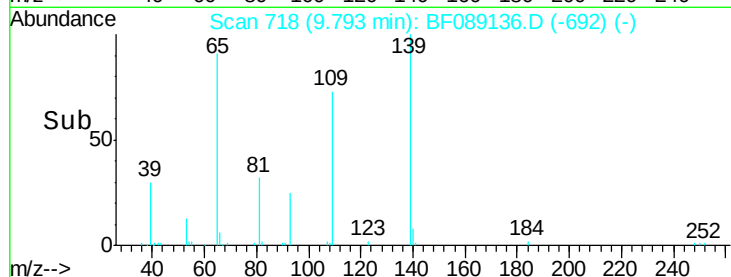
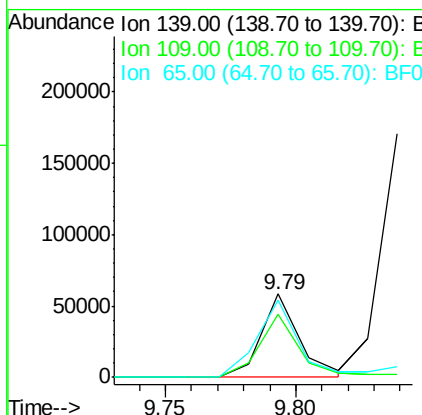
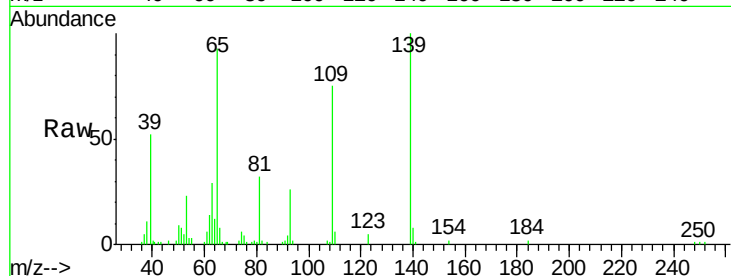




#55
4-Nitrophenol
Concen: 47.34 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

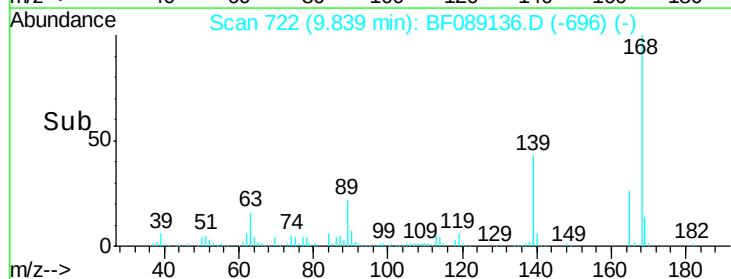
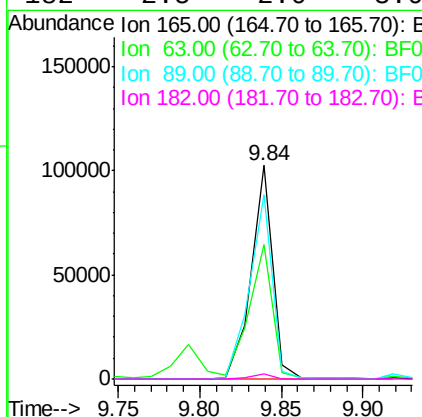
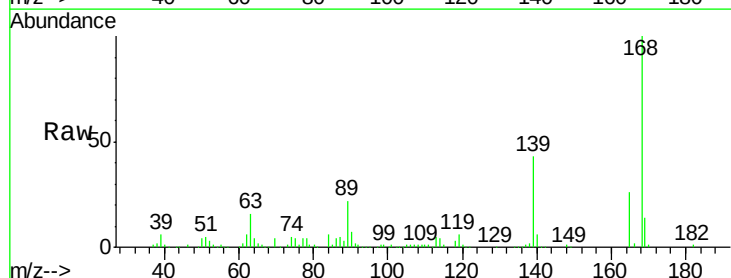
Instrument :
BNA_F
ClientSampleId :

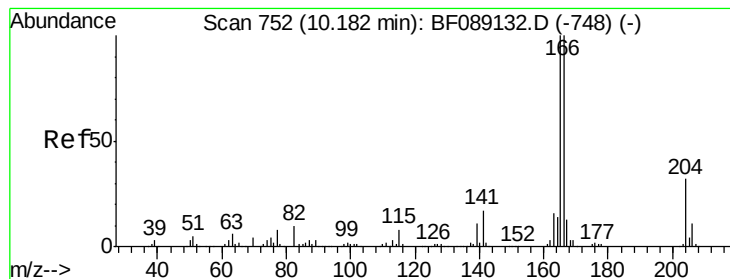
Tot Ion:139 Resp: 59647
Ion Ratio Lower Upper
139 100
109 75.2 58.7 98.7
65 93.1 80.2 120.2



#56
2,4-Dinitrotoluene
Concen: 41.33 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion:165 Resp: 93370
Ion Ratio Lower Upper
165 100
63 62.7 55.4 83.2
89 86.3 74.3 111.5
182 2.5 2.0 3.0





#57

Fluorene

Concen: 42.17 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

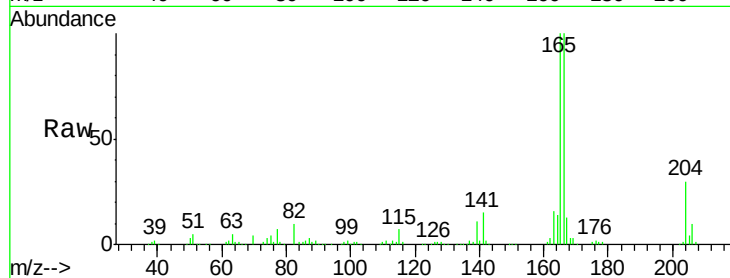
Tot Ion:166 Resp: 311603

Ion Ratio Lower Upper

166 100

165 99.7 79.9 119.9

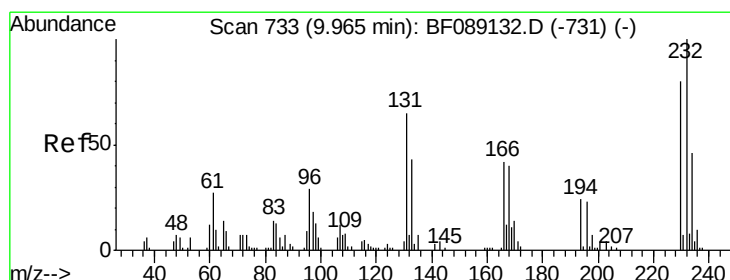
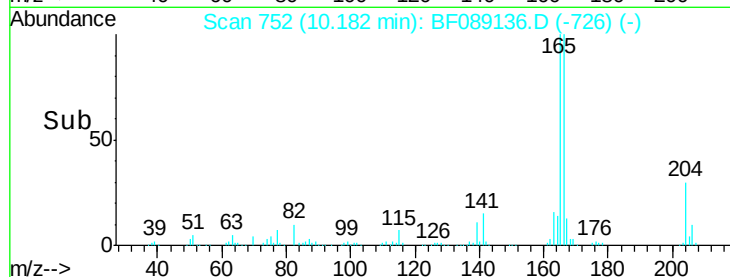
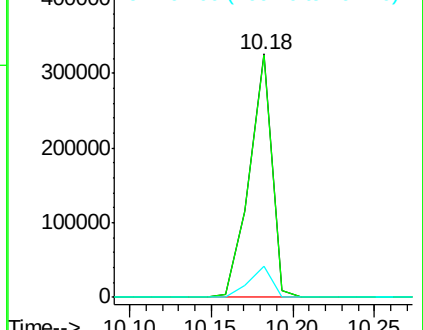
167 12.7 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.26 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Tgt Ion:232 Resp: 64164

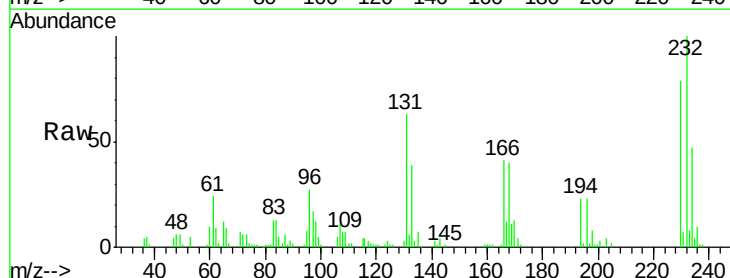
Ion Ratio Lower Upper

232 100

131 58.9 46.2 69.2

130 2.7 2.3 3.5

166 37.6 29.5 44.3

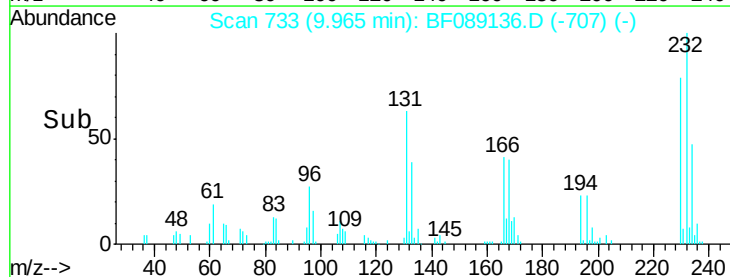
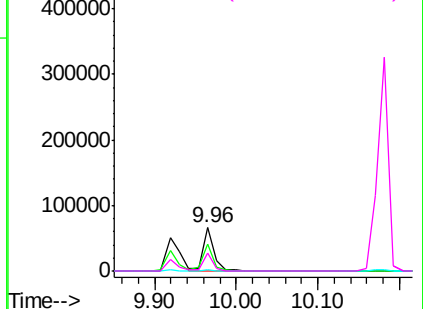


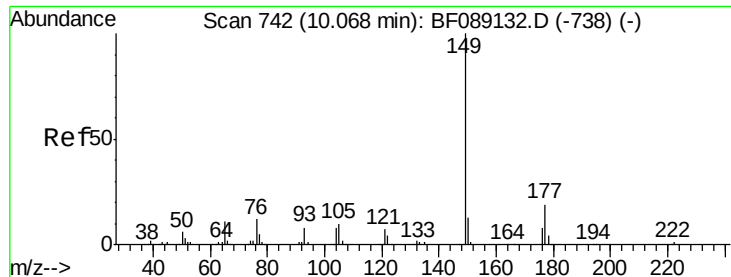
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

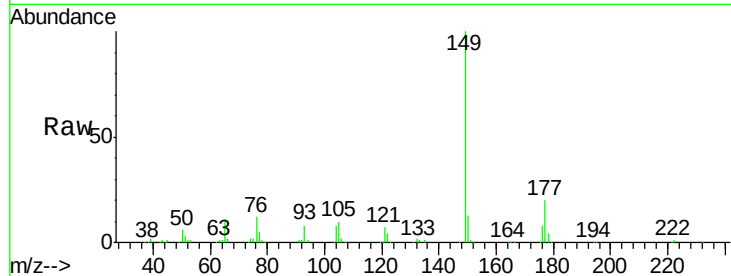




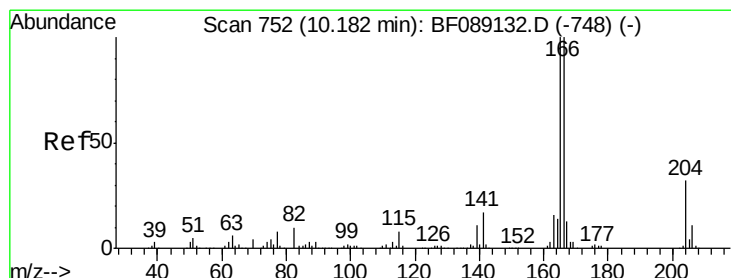
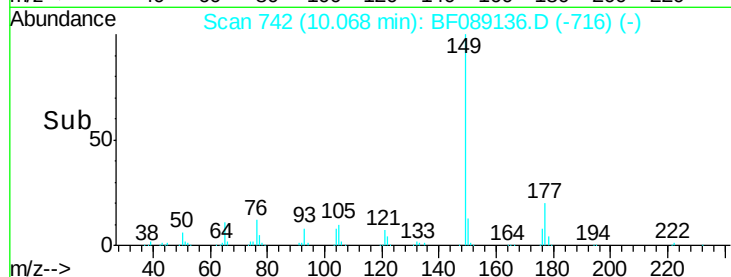
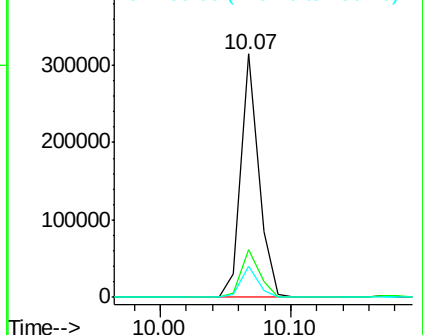
#59
Diethylphthalate
Concen: 38.83 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 299070
Ion Ratio Lower Upper
149 100
177 19.8 15.6 23.4
150 12.8 10.1 15.1

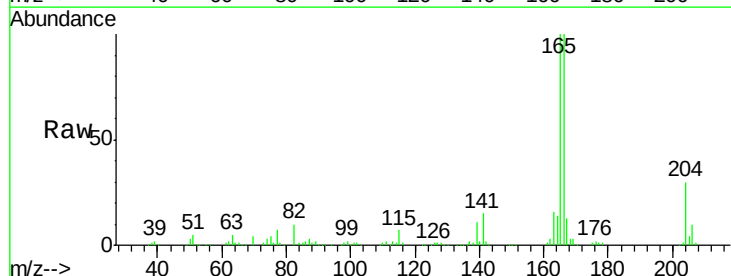


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

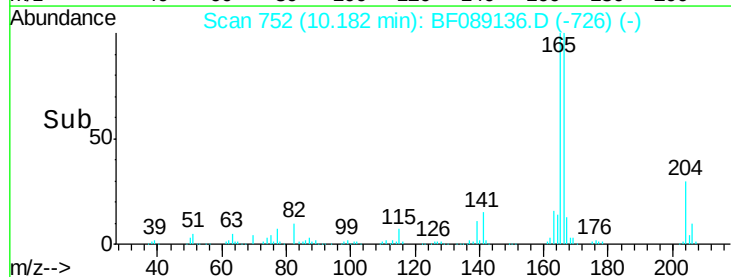
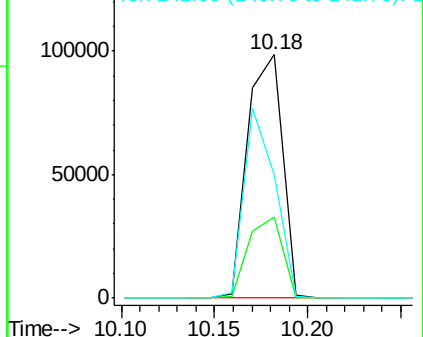


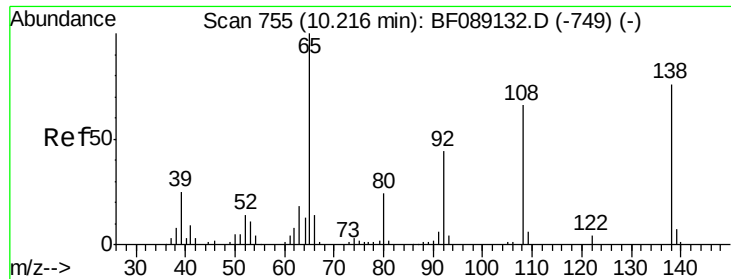
#60
4-Chlorophenyl-phenylether
Concen: 38.00 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion:204 Resp: 128192
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 50.6 42.2 63.4



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

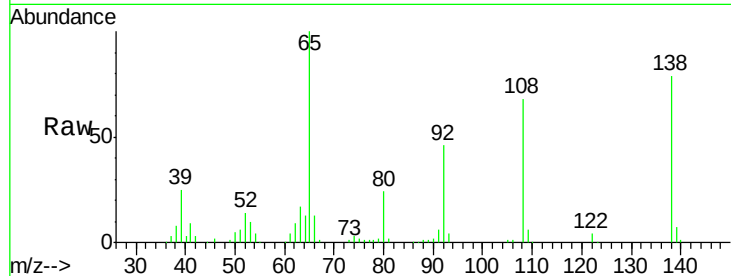




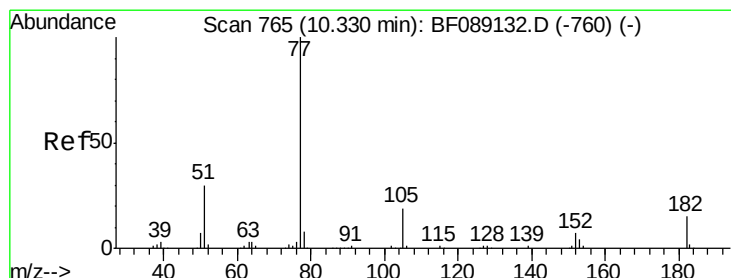
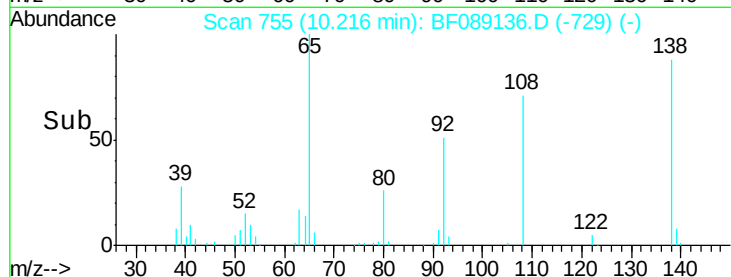
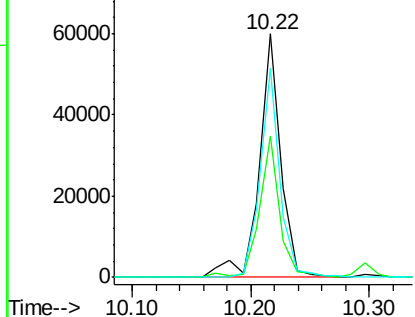
#61
4-Nitroaniline
Concen: 37.39 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 75775
Ion Ratio Lower Upper
138 100
92 58.0 37.2 77.2
108 85.8 66.1 106.1

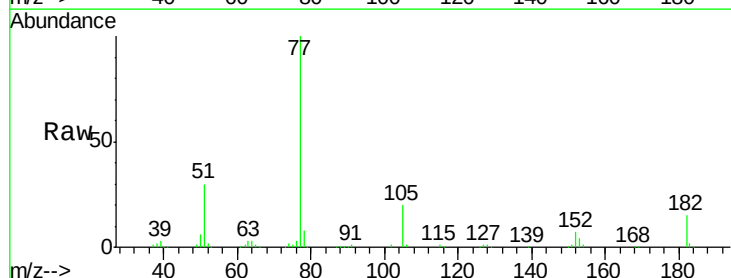


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

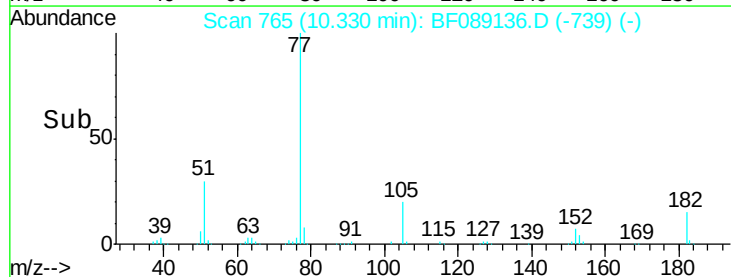
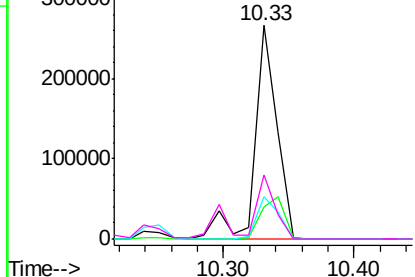


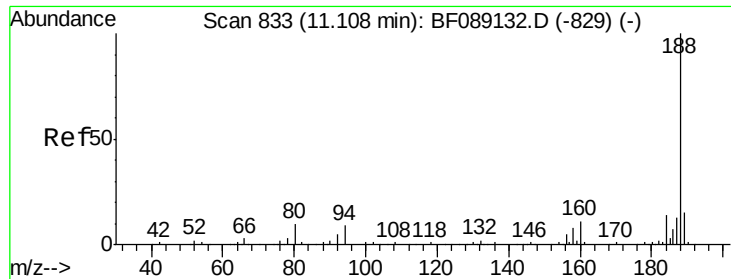
#62
Azobenzene
Concen: 37.70 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion: 77 Resp: 315610
Ion Ratio Lower Upper
77 100
182 15.3 0.0 35.0
105 19.7 0.0 39.4
51 29.7 10.7 50.7



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

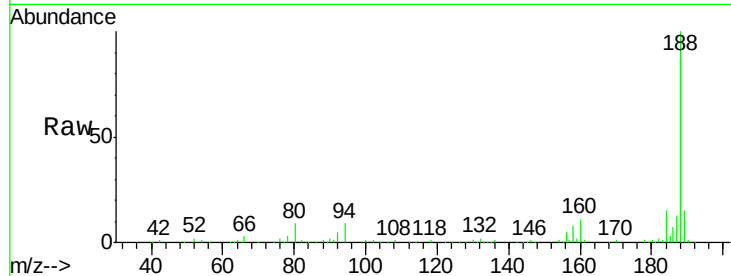




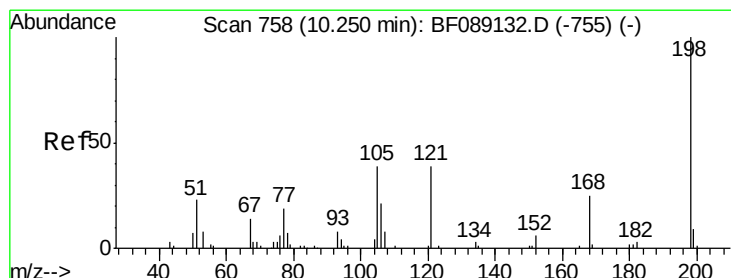
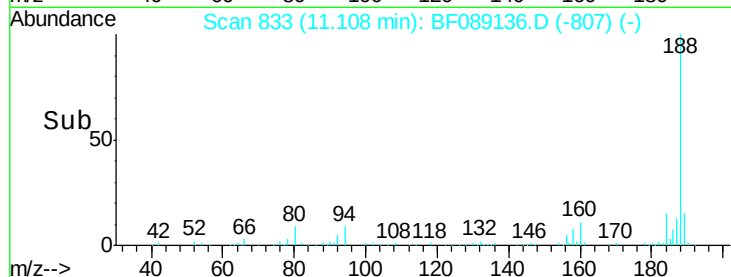
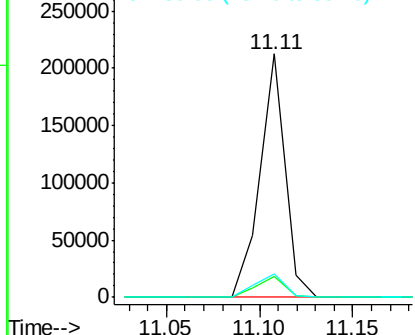
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 196278
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.4 7.7 11.5

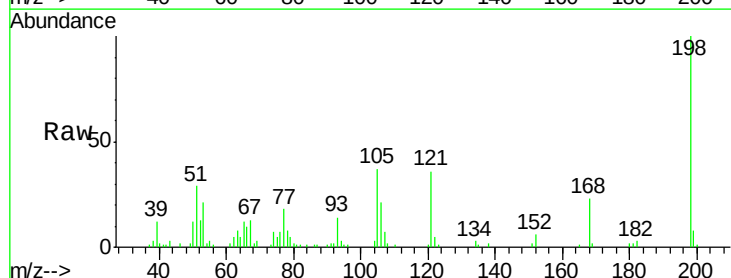


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

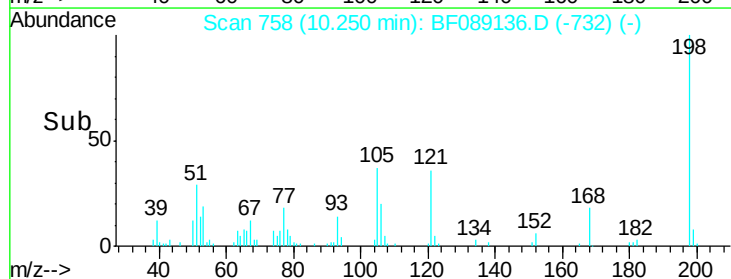
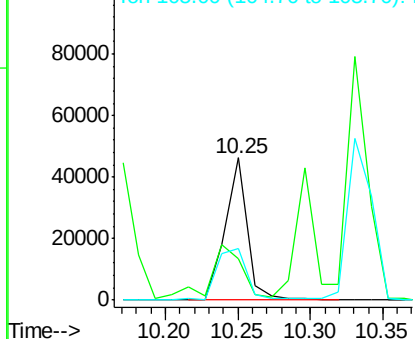


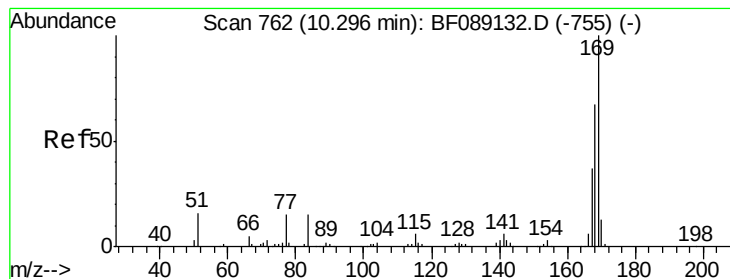
#64
4,6-Dinitro-2-methylphenol
Concen: 42.94 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion:198 Resp: 49071
Ion Ratio Lower Upper
198 100
51 28.9 11.7 51.7
105 36.5 20.3 60.3



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

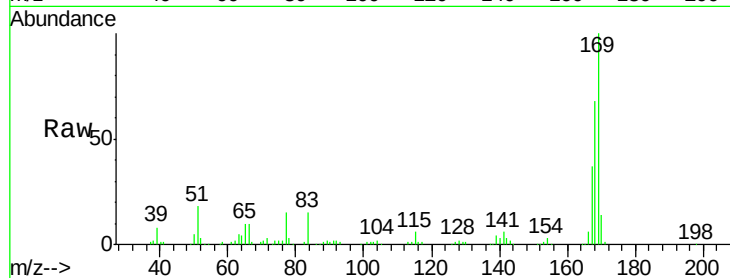




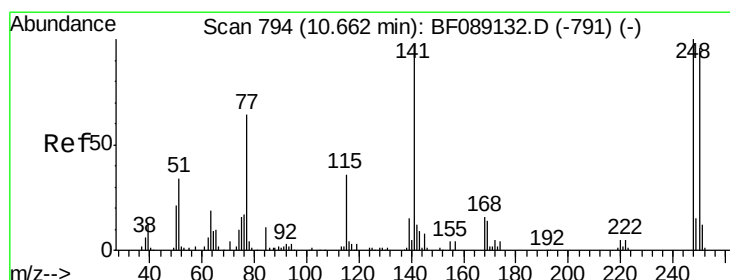
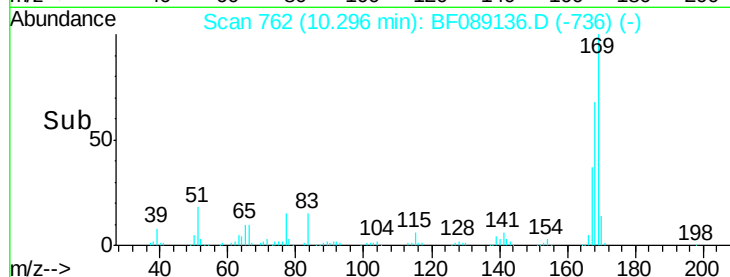
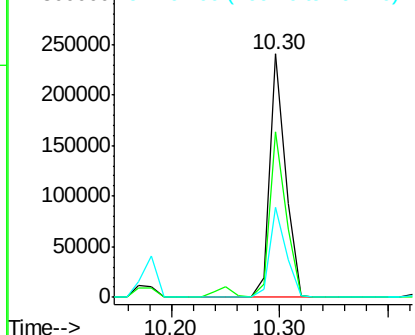
#65
 n-Nitrosodiphenylamine
 Concen: 37.37 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 245140
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.4 80.0
 167 37.1 29.5 44.3

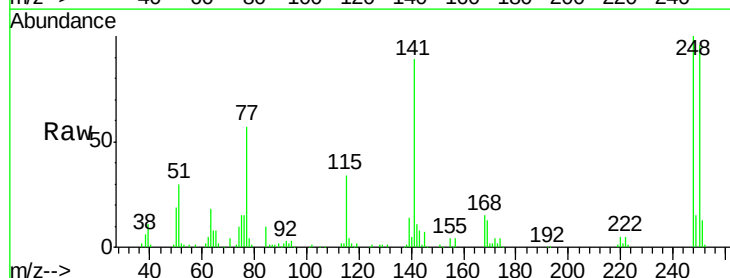


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

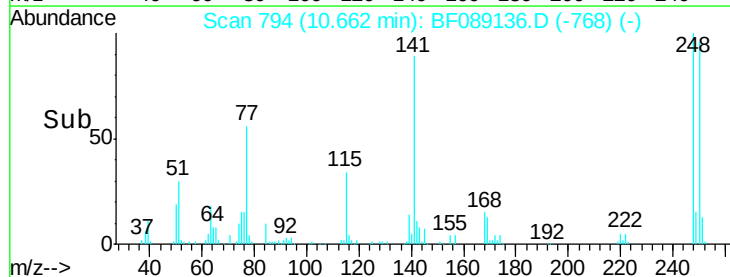
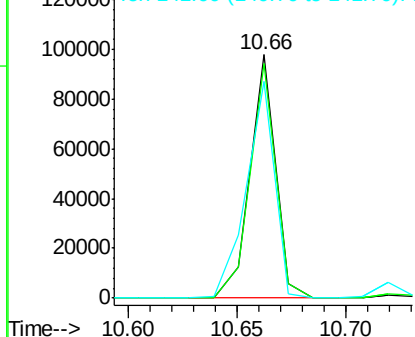


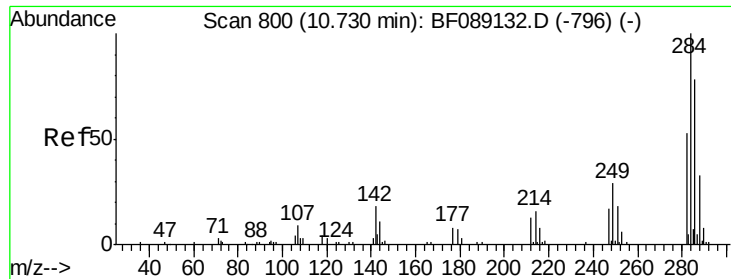
#66
 4-Bromophenyl-phenylether
 Concen: 41.13 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion:248 Resp: 79893
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 89.0 77.4 116.2



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.81 ng

RT: 10.72 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampled :

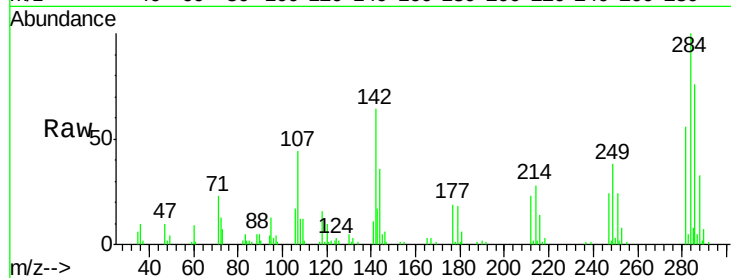
Tot Ion:284 Resp: 78987

Ion Ratio Lower Upper

284 100

142 64.0 14.1 21.1#

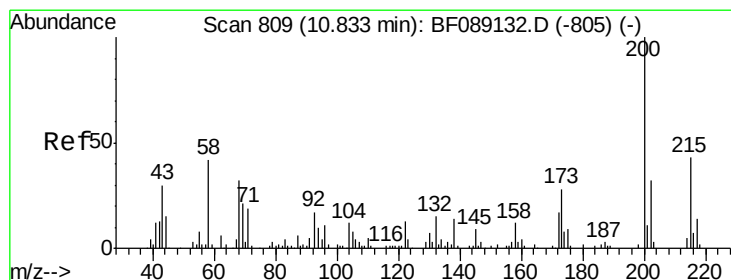
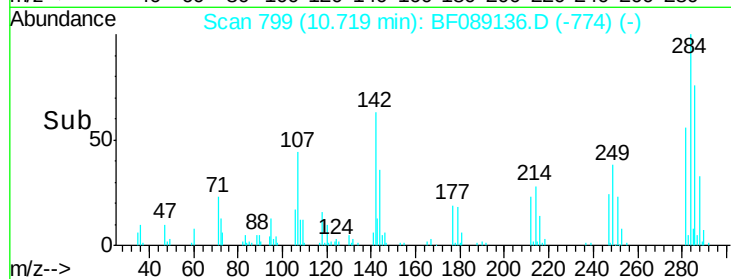
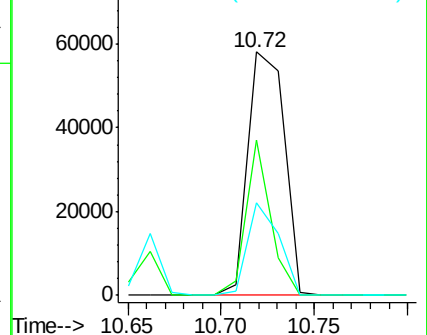
249 38.2 23.0 34.4#



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: 41.06 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

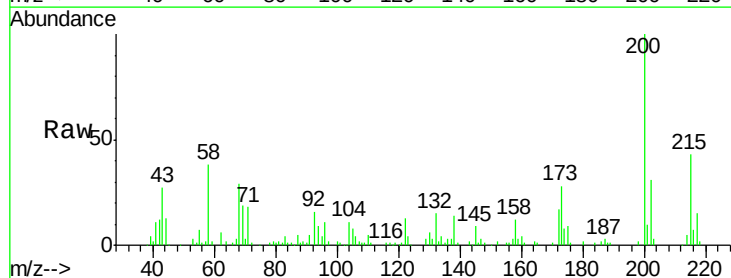
Tgt Ion:200 Resp: 84228

Ion Ratio Lower Upper

200 100

173 27.6 7.8 47.8

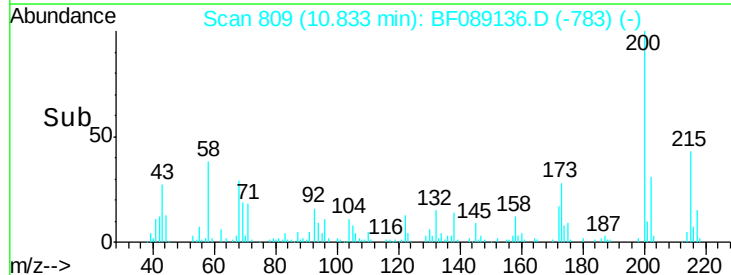
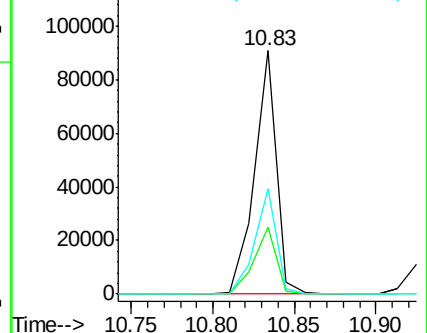
215 43.2 22.9 62.9

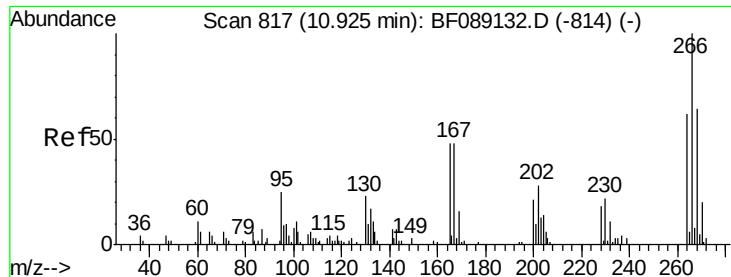


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

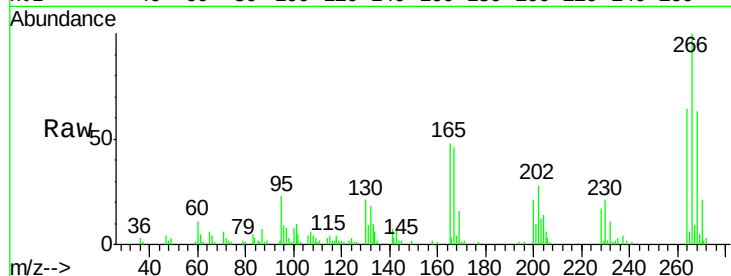




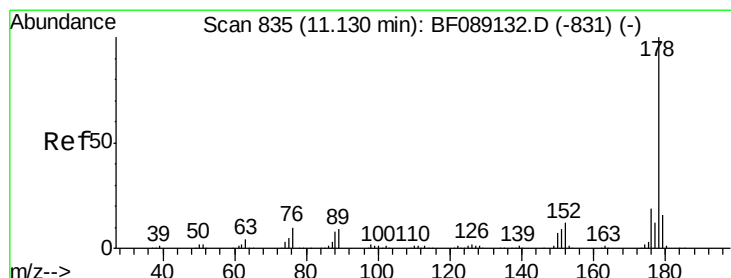
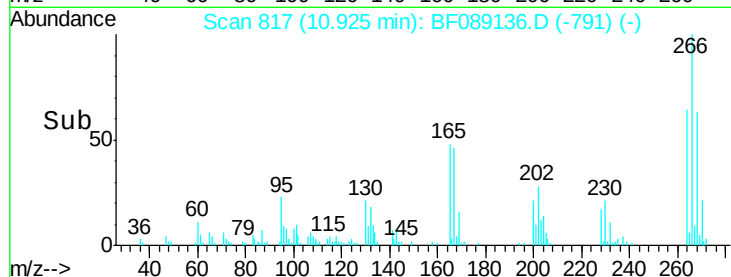
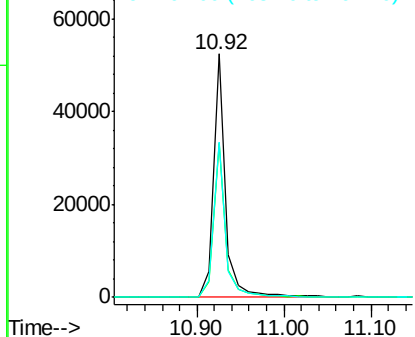
#69
 Pentachlorophenol
 Concen: 53.56 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 51624
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.2 76.8
 264 64.0 49.7 74.5

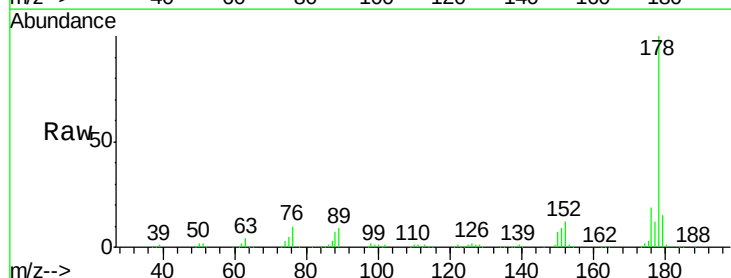


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

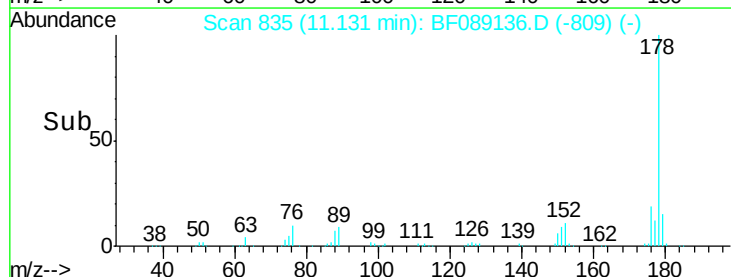
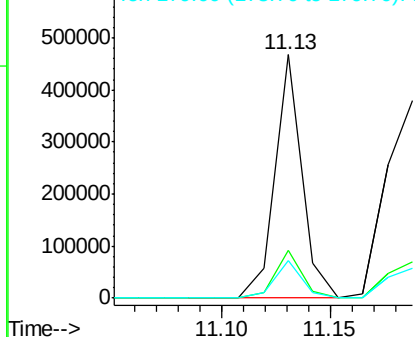


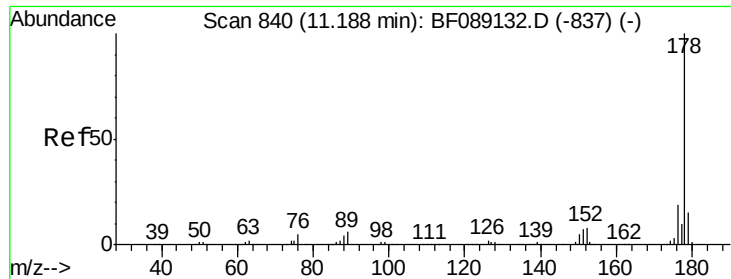
#70
 Phenanthrene
 Concen: 37.92 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion:178 Resp: 408342
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.5 12.4 18.6



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

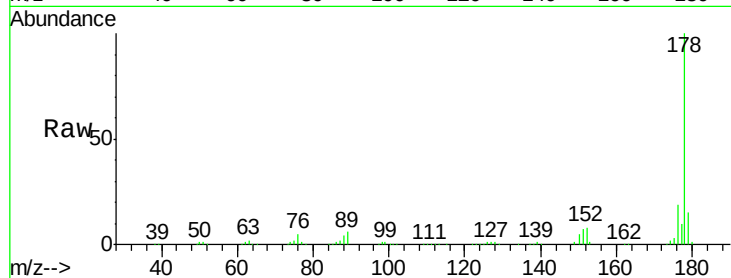




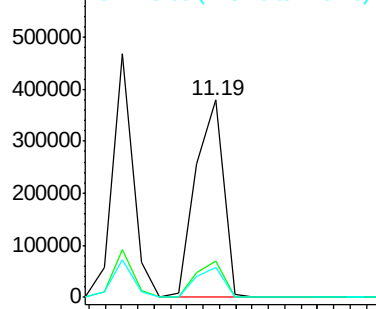
#71
 Anthracene
 Concen: 39.88 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :

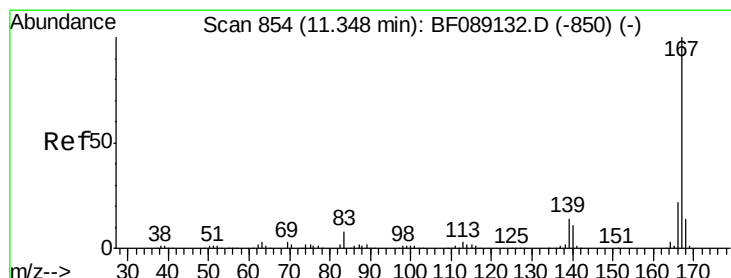
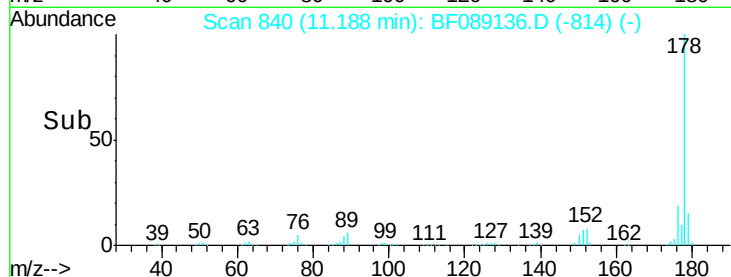
Tot Ion:178 Resp: 446342
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.0 12.0 18.0



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

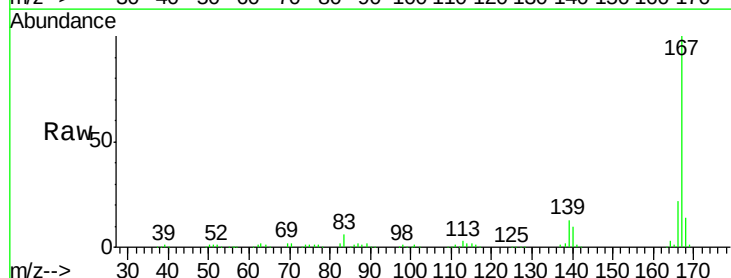


Time-->

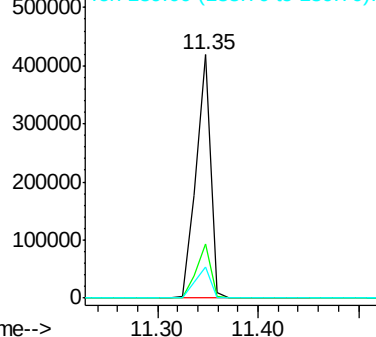


#72
 Carbazole
 Concen: 42.83 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

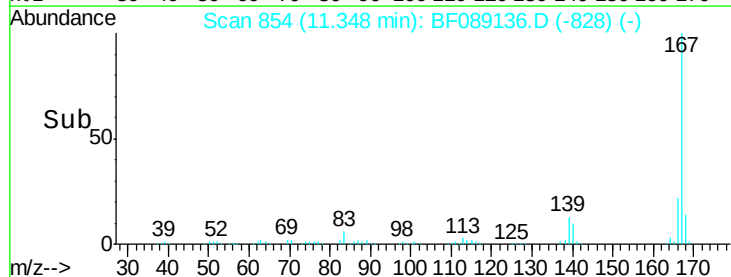
Tgt Ion:167 Resp: 421045
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.6 11.0 16.4

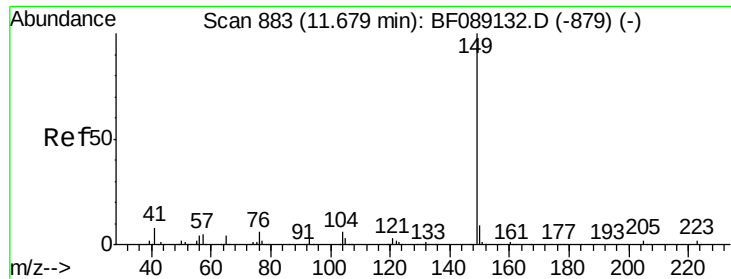


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 35.63 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

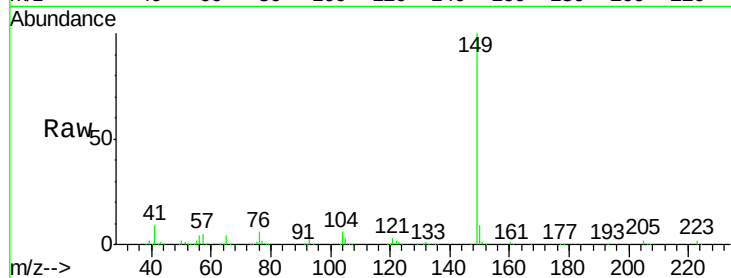
Tot Ion:149 Resp: 433207

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

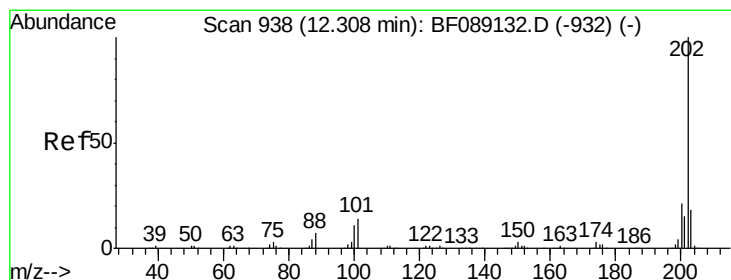
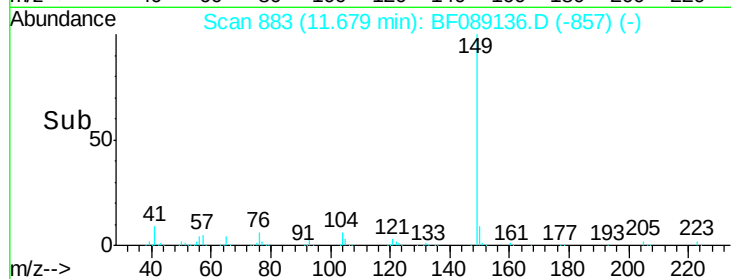
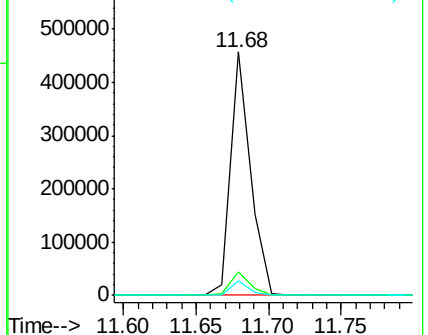
104 5.9 4.6 6.8



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: 37.61 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

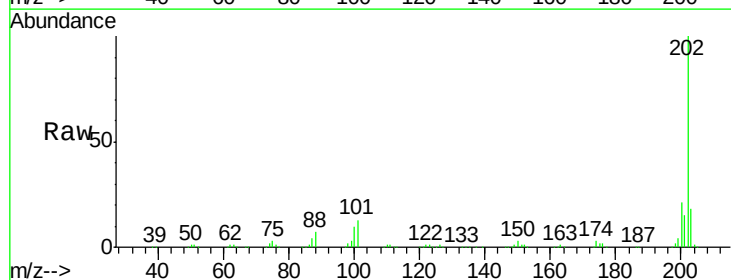
Tgt Ion:202 Resp: 425614

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.0

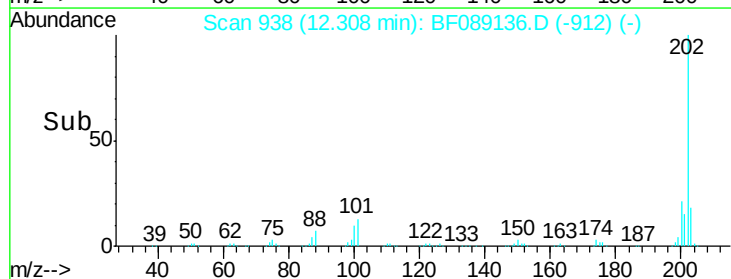
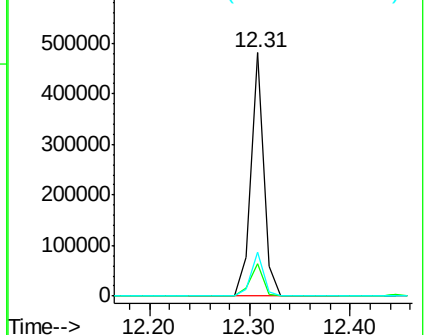
203 18.0 0.0 37.8

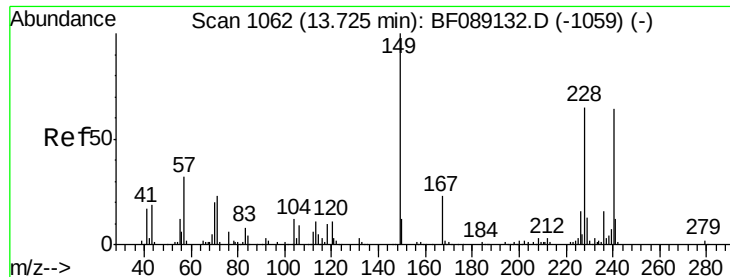


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampled :

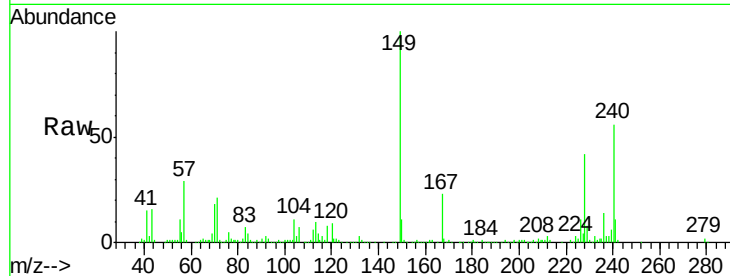
Tot Ion:240 Resp: 137064

Ion Ratio Lower Upper

240 100

120 15.6 13.6 20.4

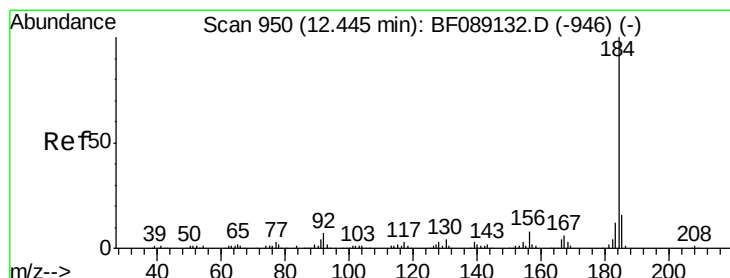
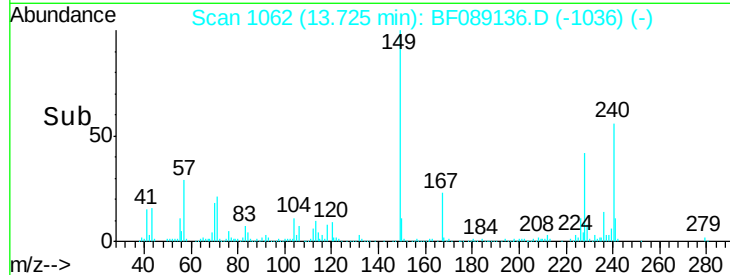
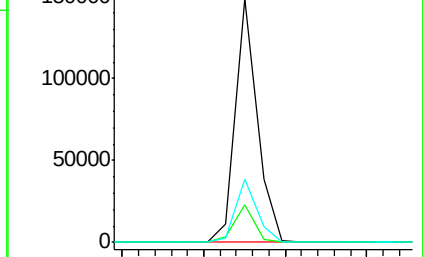
236 25.8 20.5 30.7



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: 74.51 ng

RT: 12.44 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

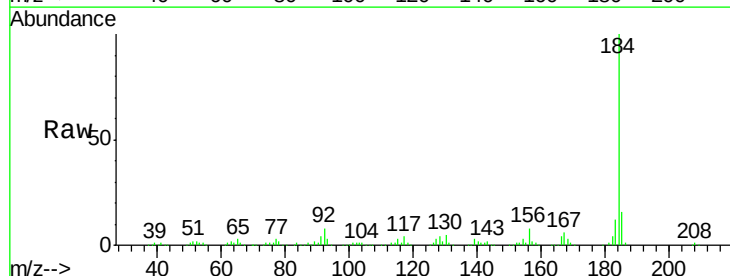
Tgt Ion:184 Resp: 351128

Ion Ratio Lower Upper

184 100

185 16.2 12.5 18.7

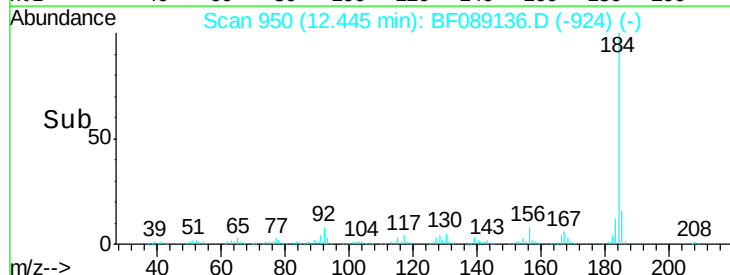
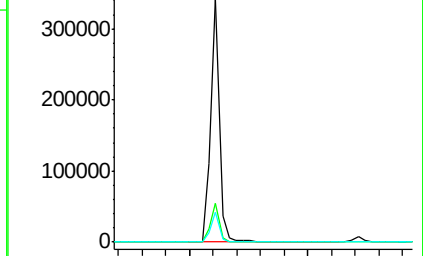
183 12.3 9.6 14.4

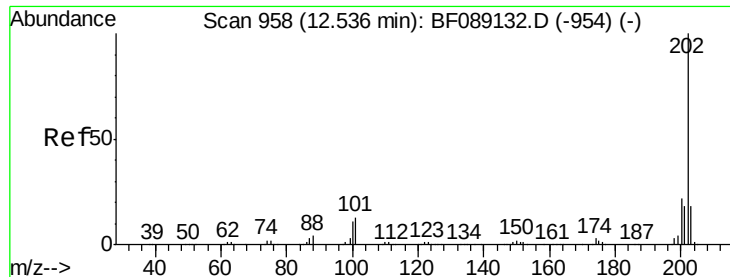


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

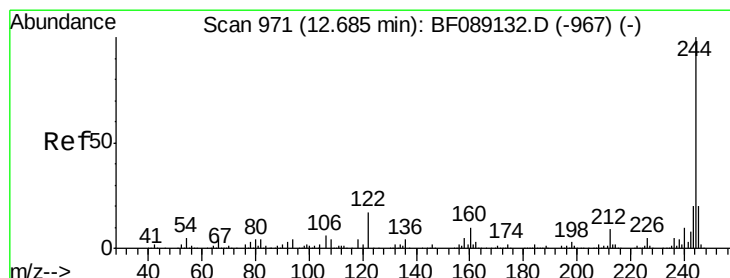
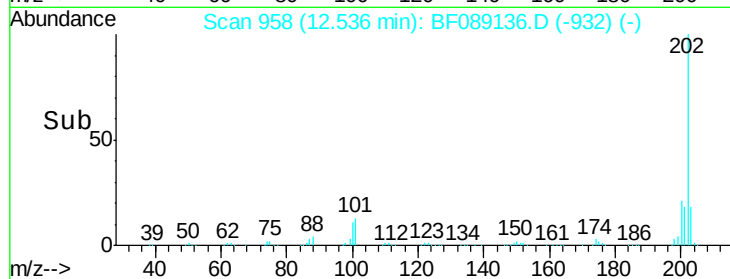
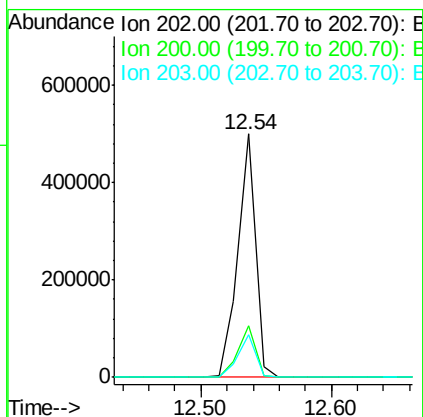
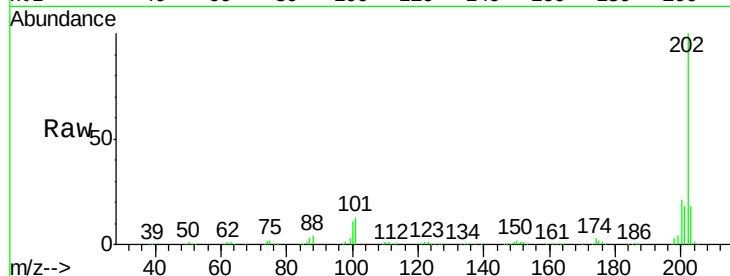




#77
 Pvrene
 Concen: 41.34 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

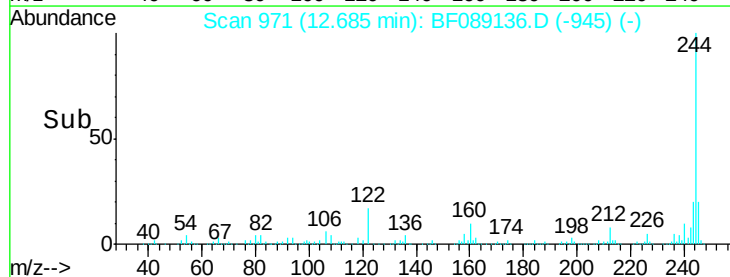
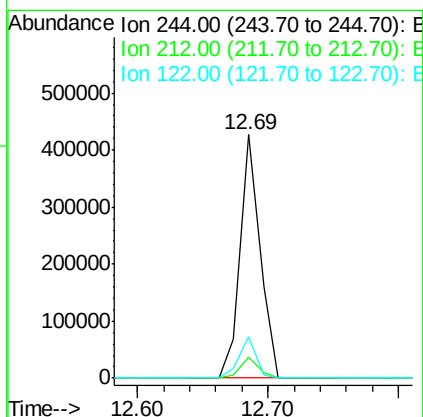
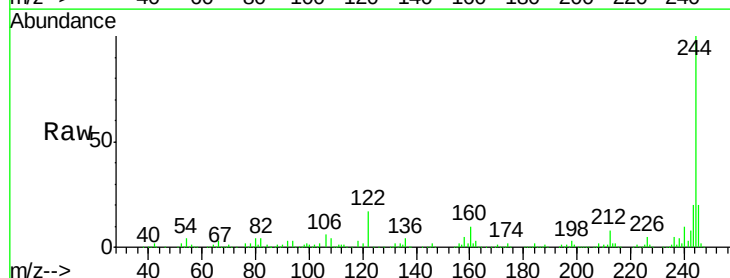
Instrument :
 BNA_F
 ClientSampleId :

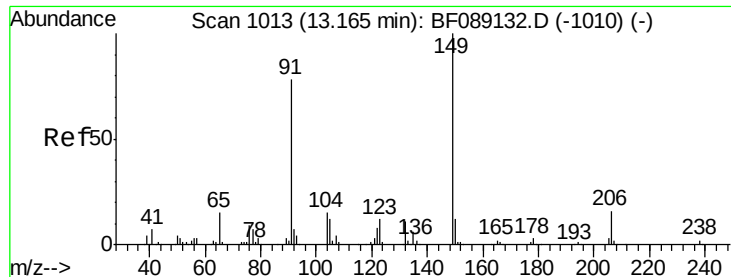
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.0
203	17.5	14.2	21.2



#78
 Terphenyl-d14
 Concen: 71.25 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	16.9	13.8	20.8





#79

Butylbenzylphthalate

Concen: 40.83 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

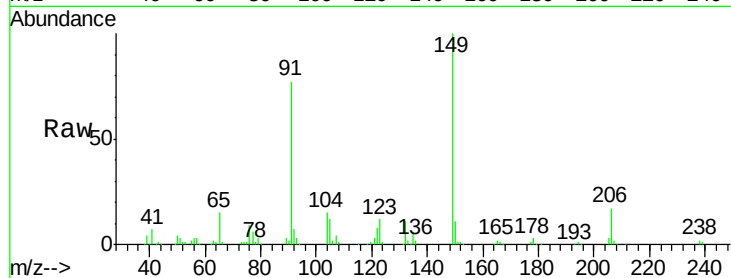
Tot Ion:149 Resp: 195531

Ion Ratio Lower Upper

149 100

91 76.8 62.6 93.8

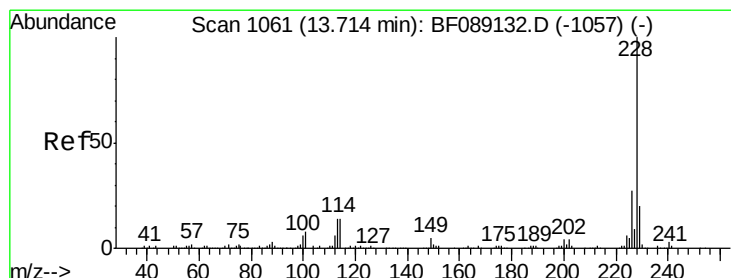
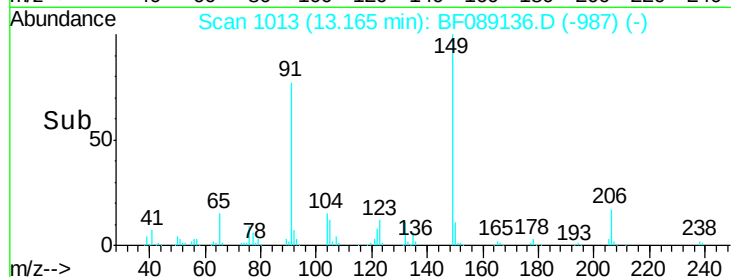
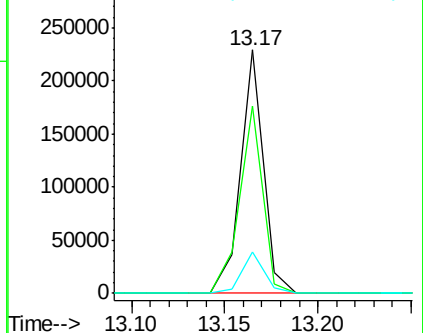
206 16.8 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.50 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

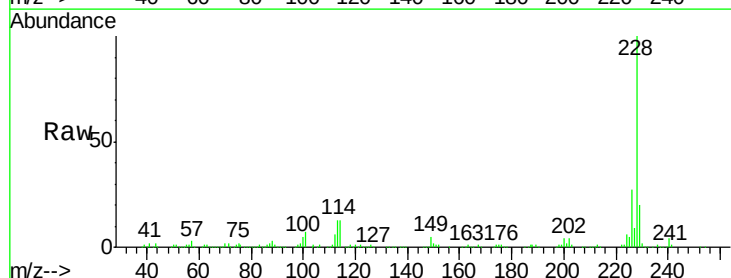
Tgt Ion:228 Resp: 344839

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

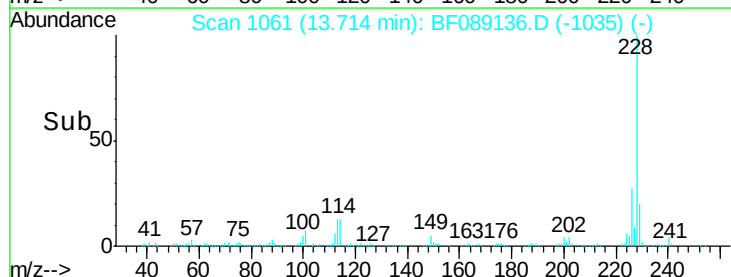
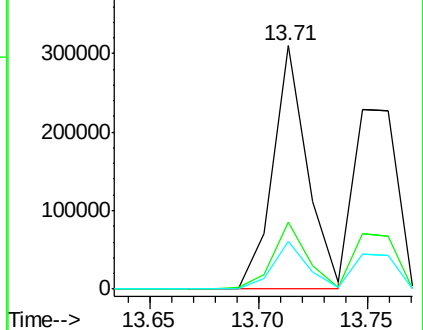
229 19.7 15.8 23.8

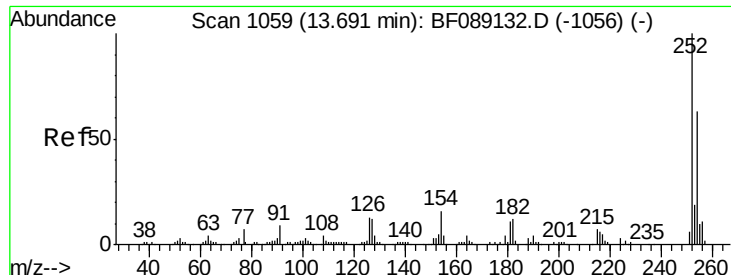


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

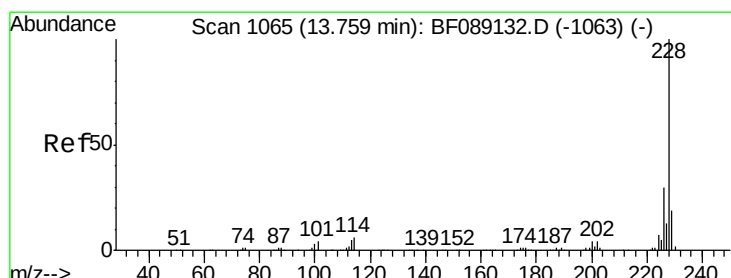
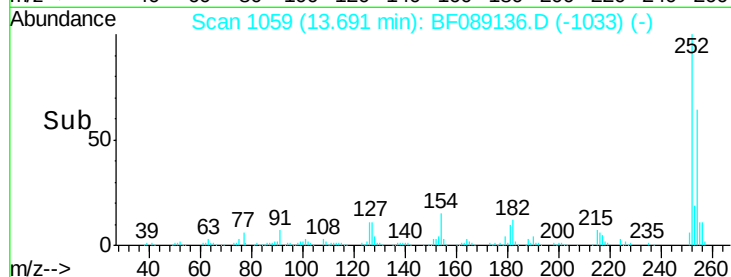
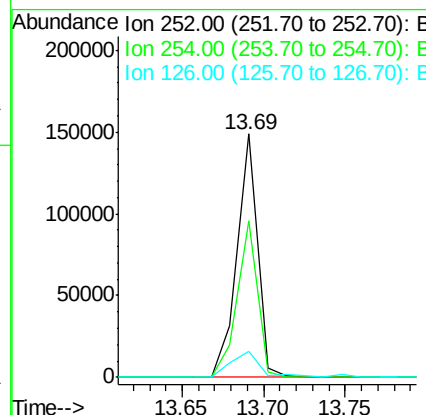
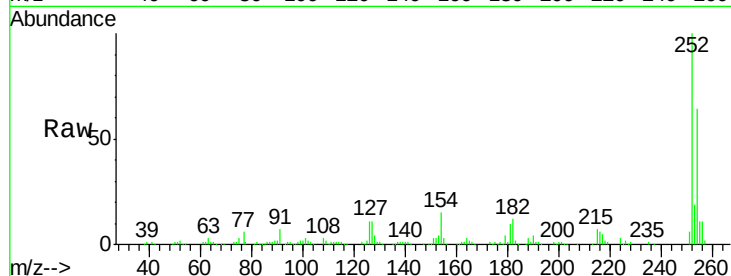




#81
 3,3'-Dichlorobenzidine
 Concen: 44.40 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

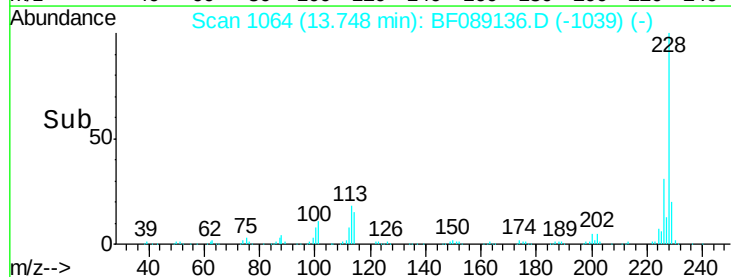
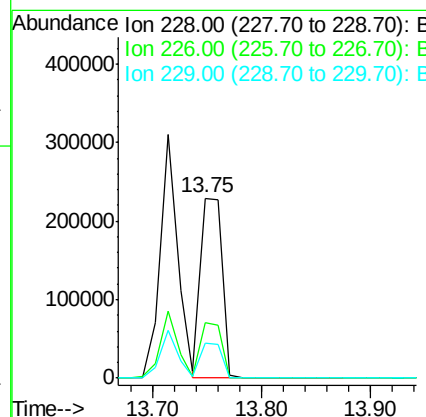
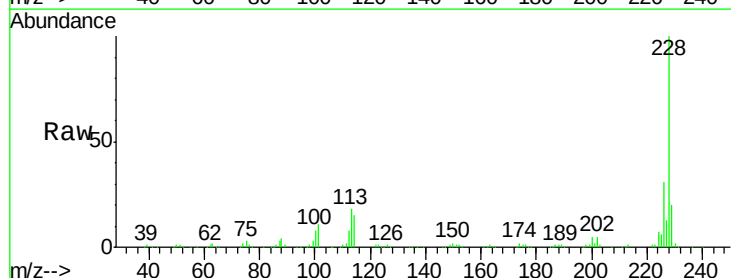
Instrument :
 BNA_F
 ClientSampleId :

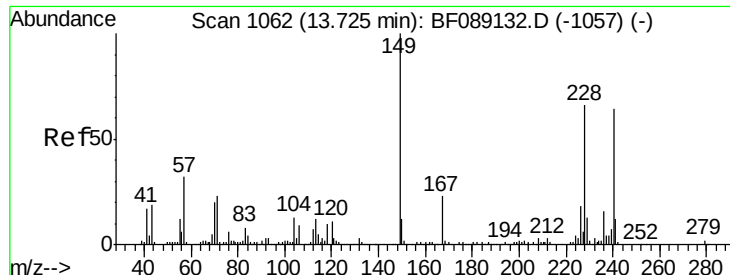
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	10.8	10.2	15.2



#82
 Chrysene
 Concen: 38.19 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	19.5	15.4	23.0

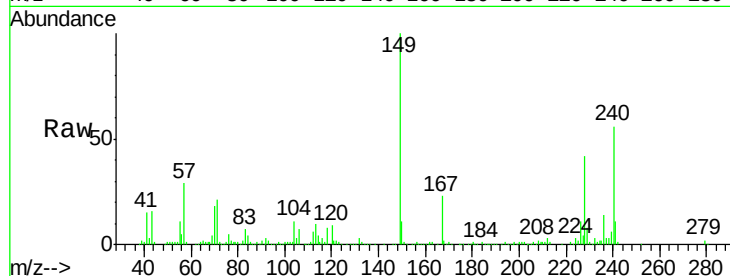




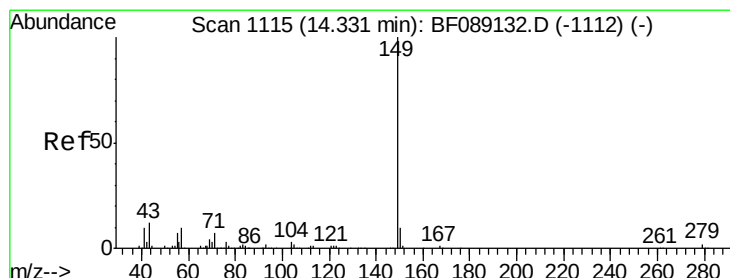
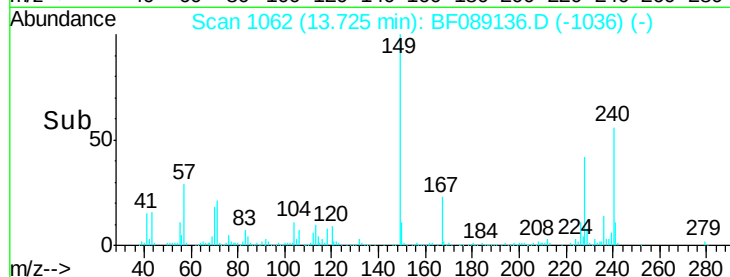
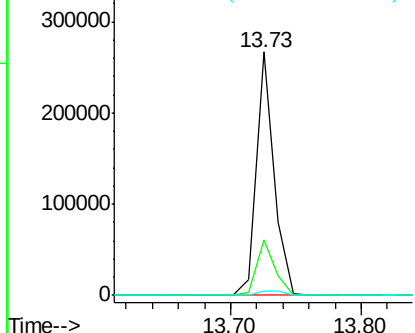
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.65 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 251815
 Ion Ratio Lower Upper
 149 100
 167 23.0 18.6 28.0
 279 2.0 1.6 2.4

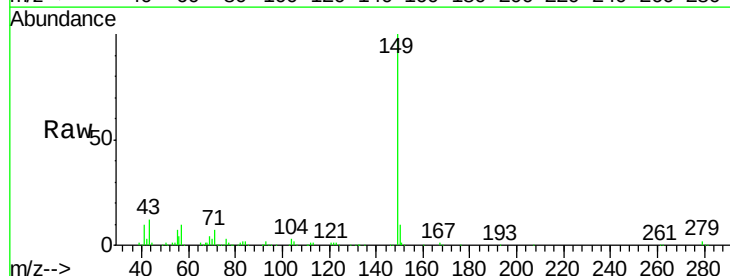


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

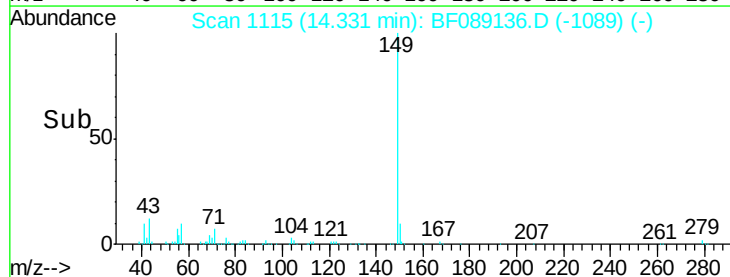
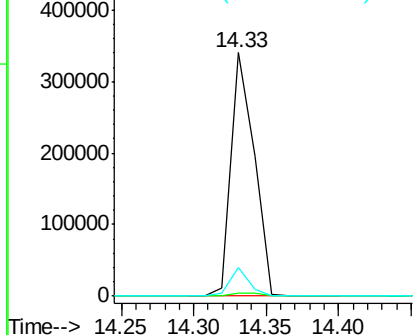


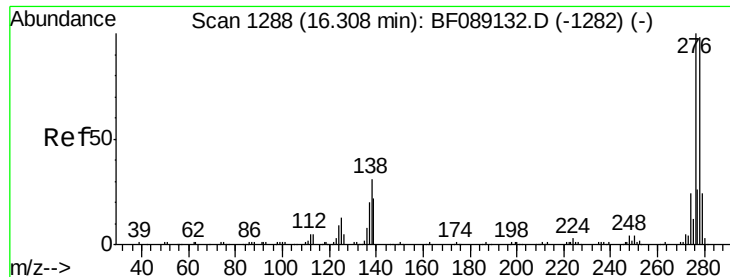
#84
 Di-n-octyl phthalate
 Concen: 36.06 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 15:30

Tgt Ion:149 Resp: 377915
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.6 7.3 10.9



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

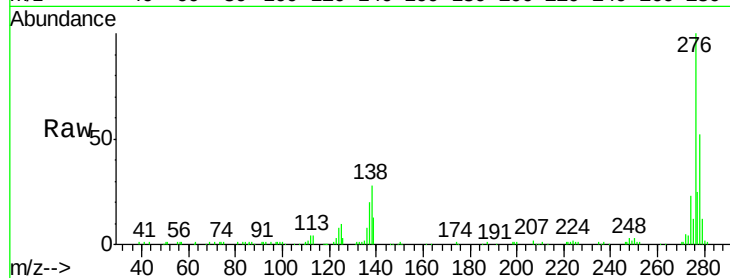




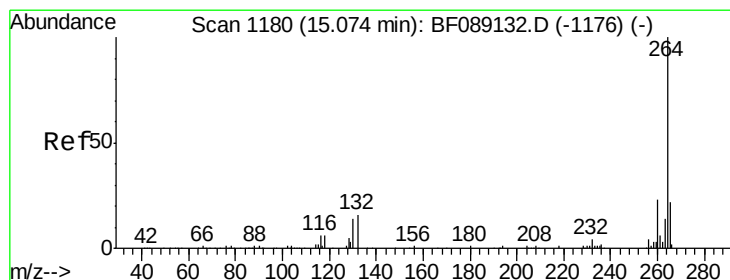
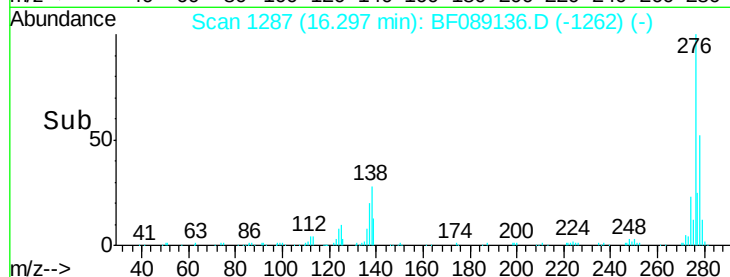
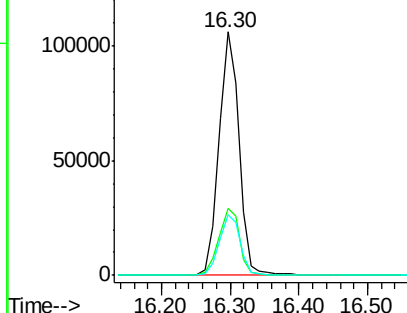
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.32 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 219979
Ion Ratio Lower Upper
276 100
138 28.6 23.7 35.5
277 25.6 20.6 31.0

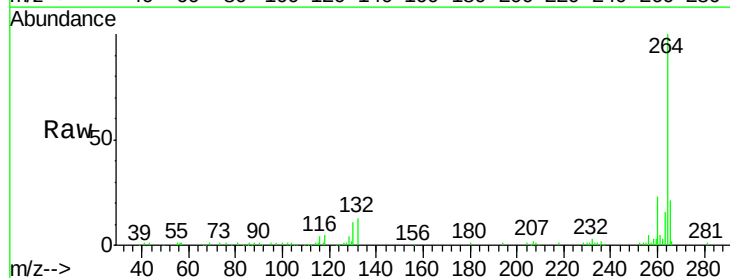


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

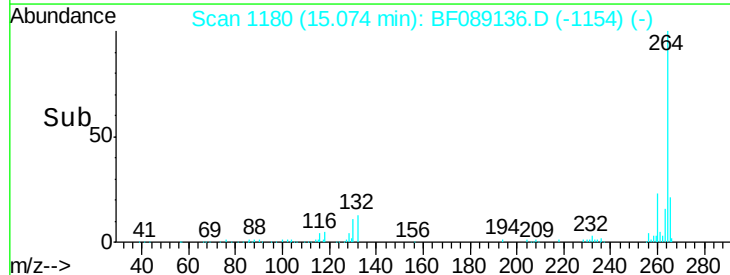
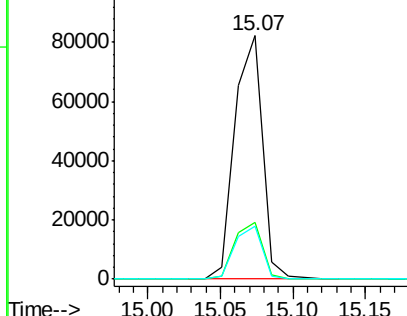


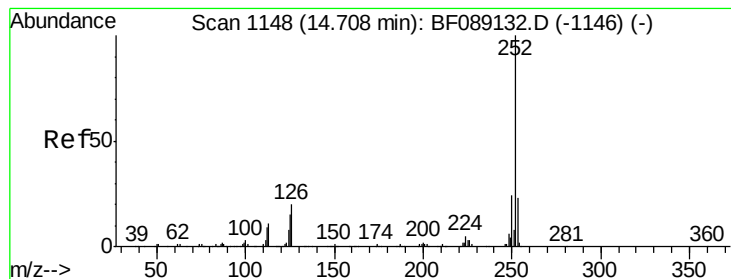
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 15:30

Tgt Ion:264 Resp: 108803
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 68.90 ng

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

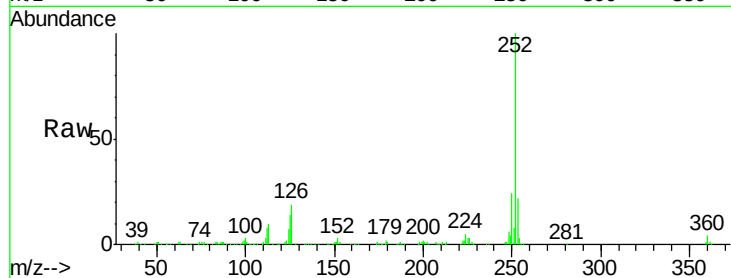
Tot Ion:252 Resp: 542997

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

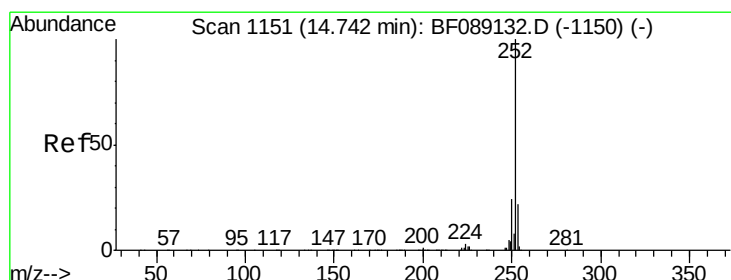
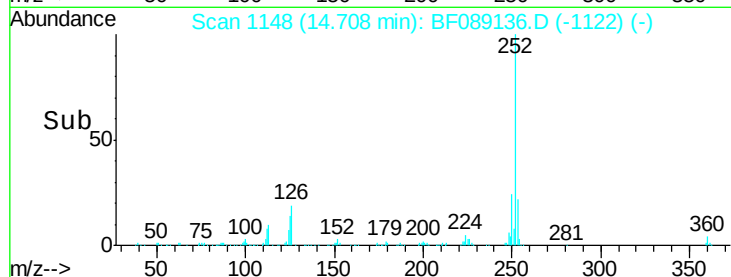
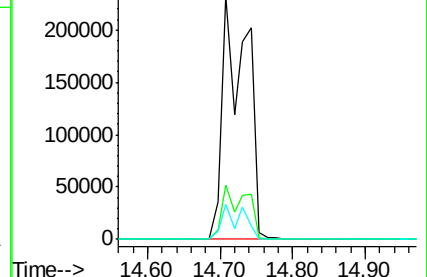
125 14.2 11.9 17.9



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: 98.01 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

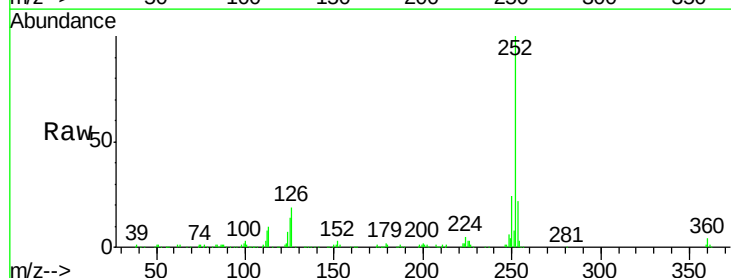
Tgt Ion:252 Resp: 542997

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

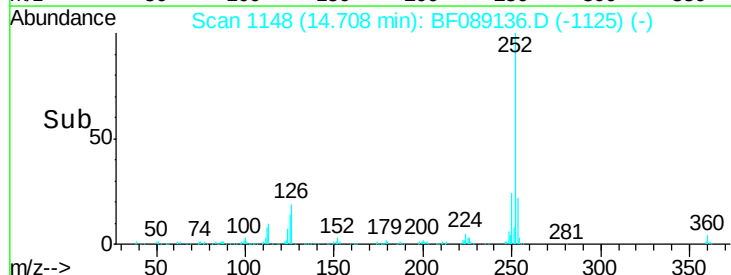
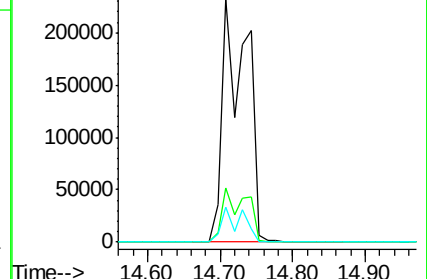
125 14.2 6.3 9.5#

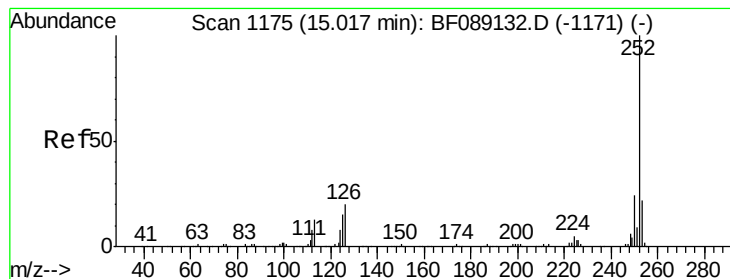


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.14 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

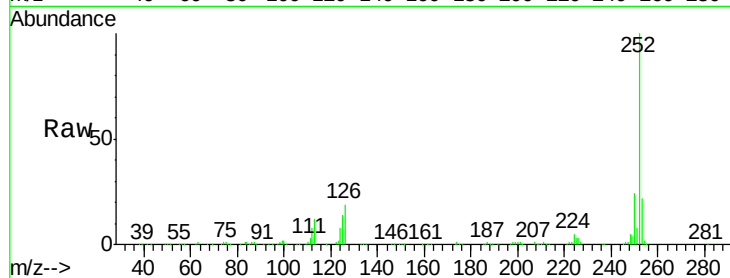
Tot Ion:252 Resp: 239468

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

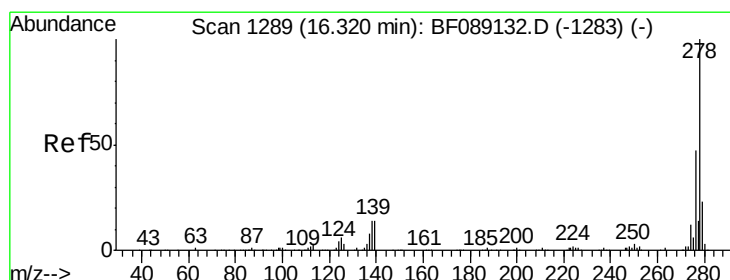
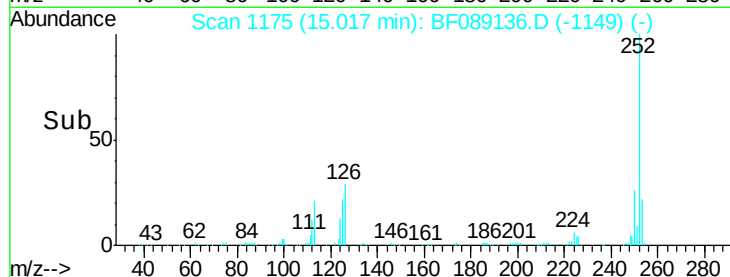
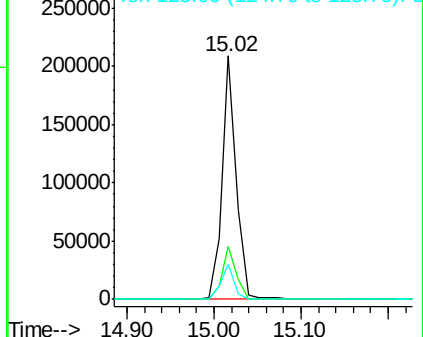
125 14.4 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.36 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

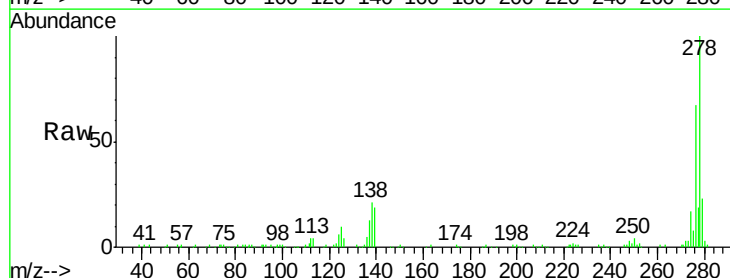
Tgt Ion:278 Resp: 190147

Ion Ratio Lower Upper

278 100

139 19.0 11.4 17.2#

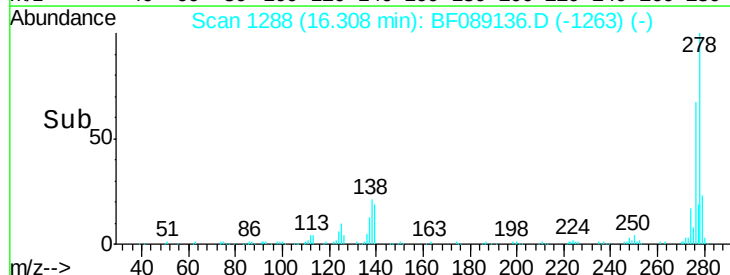
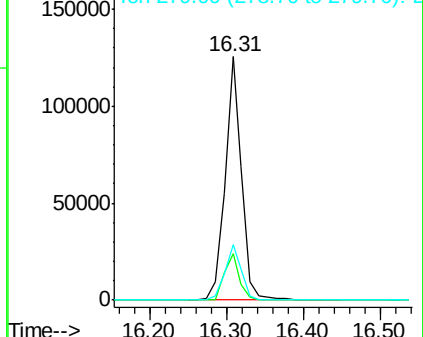
279 23.0 18.4 27.6

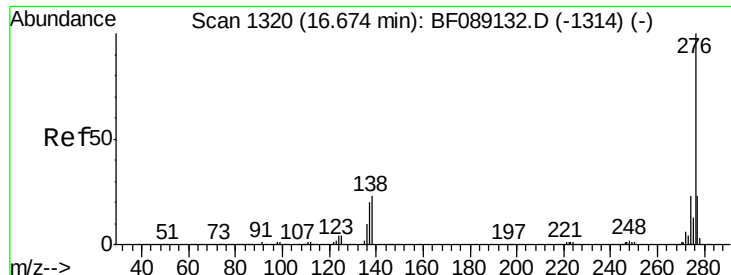


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.21 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 15:30

Instrument :

BNA_F

ClientSampleId :

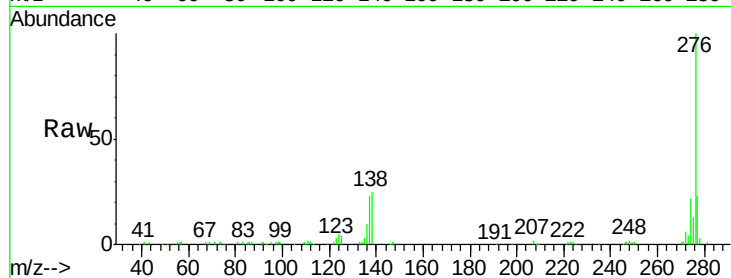
Tot Ion:276 Resp: 190953

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 24.9 18.5 27.7



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

