

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089138.D
 Acq On : 20 Jul 2016 18:23
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 19:14:35 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 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	49148	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	211137	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	103745	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	196473	20.00	ng	0.00
75) Chrysene-d12	13.73	240	143110	20.00	ng	0.00
86) Perylene-d12	15.06	264	110256	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	259688	80.36	ng	0.00
7) Phenol-d6	6.26	99	322557	77.40	ng	-0.01
23) Nitrobenzene-d5	7.18	82	308191	77.56	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	72536	77.66	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	605355	80.40	ng	0.00
78) Terphenyl-d14	12.68	244	464304	70.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	53419	38.07	ng	97
3) Pyridine	2.67	79	140448	39.40	ng	99
4) n-Nitrosodimethylamine	2.64	42	61174	40.77	ng	98
6) Aniline	6.26	93	220719	39.20	ng	90
8) 2-Chlorophenol	6.39	128	143736	40.08	ng	88
9) Benzaldehyde	6.15	77	89858	41.35	ng	98
10) Phenol	6.27	94	184990	38.53	ng	# 53
11) bis(2-Chloroethyl)ether	6.35	93	142056	39.40	ng	99
12) 1,3-Dichlorobenzene	6.54	146	153013	38.64	ng	97
13) 1,4-Dichlorobenzene	6.62	146	158801	39.82	ng	98
14) 1,2-Dichlorobenzene	6.78	146	150803	40.11	ng	98
15) Benzyl Alcohol	6.76	79	121239	39.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	164354	40.00	ng	85
17) 2-Methylphenol	6.89	107	111283	39.40	ng	98
18) Hexachloroethane	7.11	117	59620	39.77	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	104888	38.48	ng	# 87
20) 3+4-Methylphenols	7.04	107	151197	39.43	ng	88
22) Acetophenone	7.03	105	222289	39.43	ng	# 98
24) Nitrobenzene	7.20	77	160859	38.38	ng	95
25) Isophorone	7.44	82	288422	39.38	ng	99
26) 2-Nitrophenol	7.51	139	72505	37.09	ng	97
27) 2,4-Dimethylphenol	7.56	122	130390	39.59	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	188833	41.22	ng	100
29) 2,4-Dichlorophenol	7.76	162	117426	39.57	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	125064	38.07	ng	95
31) Naphthalene	7.91	128	432592	37.96	ng	100
32) Benzoic acid	7.71	122	97521	38.51	ng	97
33) 4-Chloroaniline	7.96	127	181617	37.90	ng	# 89
34) Hexachlorobutadiene	8.03	225	74020	40.48	ng	97
35) Caprolactam	8.35	113	36801	39.93	ng	93
36) 4-Chloro-3-methylphenol	8.47	107	144261	40.34	ng	98
37) 2-Methylnaphthalene	8.60	142	277317	38.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	142289	36.90	ng	99
40) Hexachlorocyclopentadiene	8.75	237	42950	38.21	ng	99

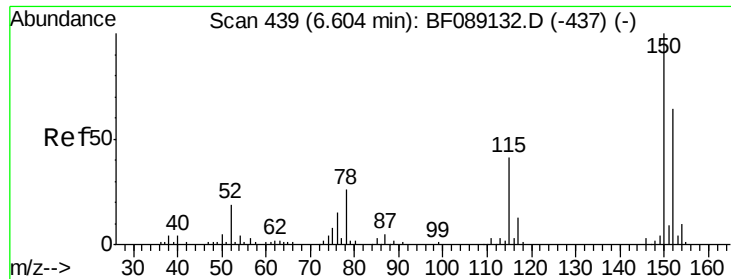
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	81736	37.87	nq	100
43) 2,4,5-Trichlorophenol	8.92	196	83077	38.35	nq	# 81
45) 1,1'-Biphenyl	9.06	154	332865	35.63	nq	99
46) 2-Chloronaphthalene	9.08	162	261381	36.82	nq	100
47) 2-Nitroaniline	9.19	65	84990	34.90	nq	99
48) Acenaphthylene	9.50	152	427470	38.30	nq	99
49) Dimethylphthalate	9.37	163	284934	35.79	nq	98
50) 2,6-Dinitrotoluene	9.44	165	69865	38.87	nq	90
51) Acenaphthene	9.67	154	256093	38.78	nq	99
52) 3-Nitroaniline	9.60	138	77251	36.19	nq	# 70
53) 2,4-Dinitrophenol	9.71	184	28179	36.00	nq	91
54) Dibenzofuran	9.84	168	344999	38.67	nq	98
55) 4-Nitrophenol	9.79	139	47977	37.15	nq	90
56) 2,4-Dinitrotoluene	9.84	165	92112	39.79	nq	# 84
57) Fluorene	10.18	166	306863	40.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	64239	41.29	nq	98
59) Diethylphthalate	10.07	149	299149	37.90	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	120361	34.81	nq	# 67
61) 4-Nitroaniline	10.22	138	76625	36.90	nq	99
62) Azobenzene	10.33	77	307171	35.80	nq	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	44036	38.50	nq	95
65) n-Nitrosodiphenylamine	10.30	169	254652	38.78	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	79227	40.75	nq	92
67) Hexachlorobenzene	10.72	284	74918	35.83	nq	# 54
68) Atrazine	10.83	200	86784	42.26	nq	97
69) Pentachlorophenol	10.92	266	36979	38.33	nq	98
70) Phenanthrene	11.13	178	425091	39.44	nq	100
71) Anthracene	11.18	178	418171	37.33	nq	99
72) Carbazole	11.35	167	389407	39.57	nq	98
73) Di-n-butylphthalate	11.68	149	451801	37.12	nq	100
74) Fluoranthene	12.31	202	444658	39.25	nq	97
76) Benzidine	12.43	184	185331	37.67	nq	99
77) Pyrene	12.54	202	473478	40.06	nq	99
79) Butylbenzylphthalate	13.17	149	204932	40.99	nq	92
80) Benzo(a)anthracene	13.71	228	347391	38.11	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	123009	40.69	nq	# 95
82) Chrysene	13.75	228	296308	34.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	243600	36.73	nq	98
84) Di-n-octyl phthalate	14.33	149	389669	35.61	nq	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	227074	35.91	nq	100
87) Benzo(b)fluoranthene	14.71	252	540282	67.66	nq	98
88) Benzo(k)fluoranthene	14.71	252	540282	94.61	nq	# 95
89) Benzo(a)pyrene	15.02	252	248579	40.10	nq	97
90) Dibenzo(a,h)anthracene	16.31	278	195412	39.92	nq	# 96
91) Benzo(g,h,i)perylene	16.66	276	194332	39.38	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: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampled :

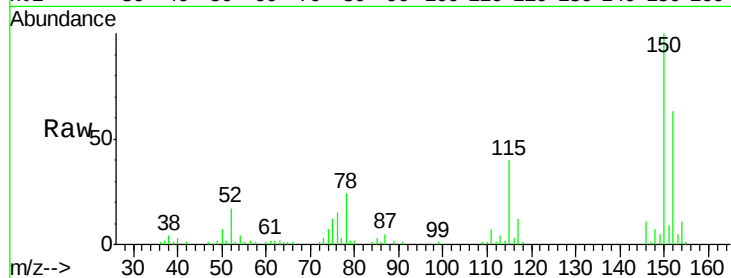
Tot Ion:152 Resp: 49148

Ion Ratio Lower Upper

152 100

150 157.6 125.1 187.7

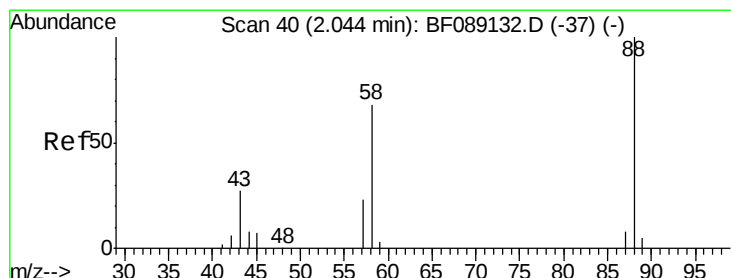
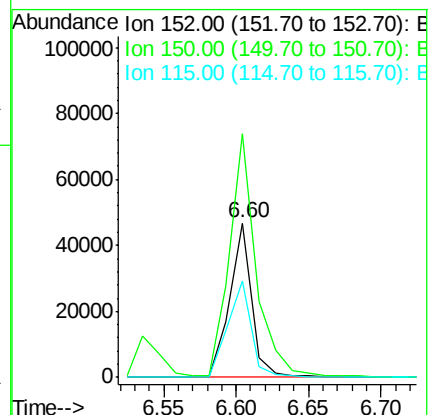
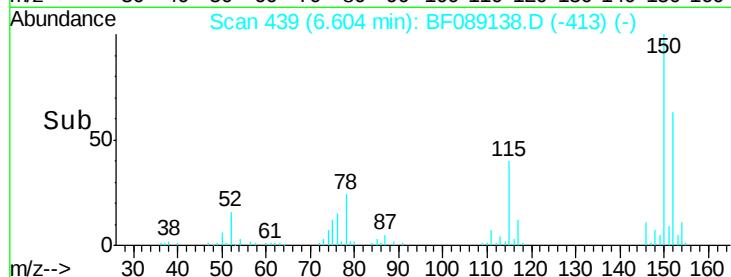
115 62.8 51.1 76.7



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: 38.07 ng

RT: 2.04 min Scan# 40

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

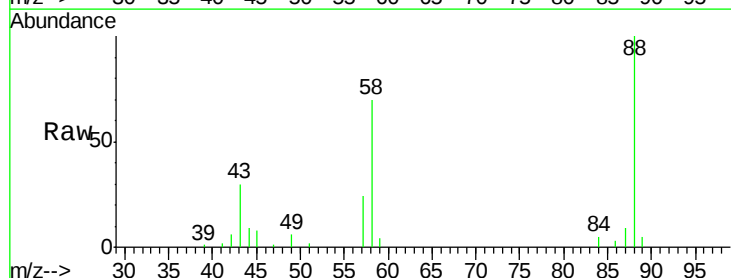
Tgt Ion: 88 Resp: 53419

Ion Ratio Lower Upper

88 100

58 64.3 49.2 73.8

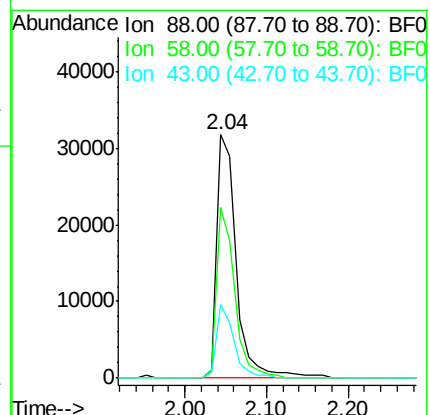
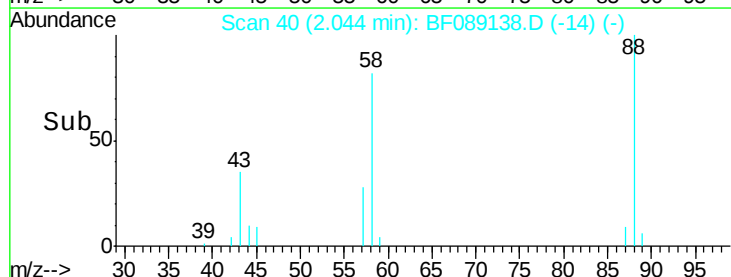
43 26.9 20.6 30.8

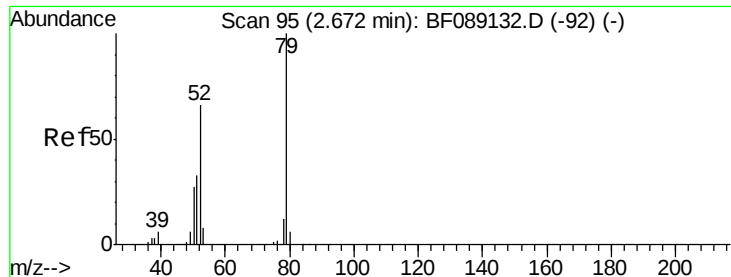


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.40 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

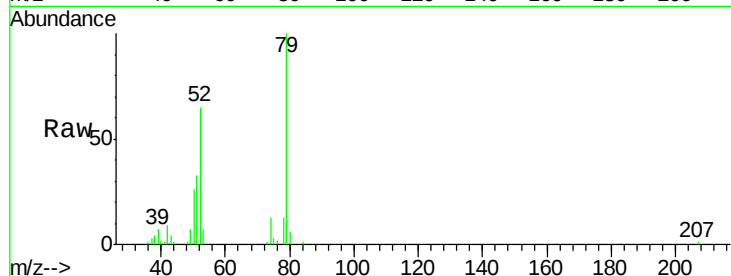
Tot Ion: 79 Resp: 140448

Ion Ratio Lower Upper

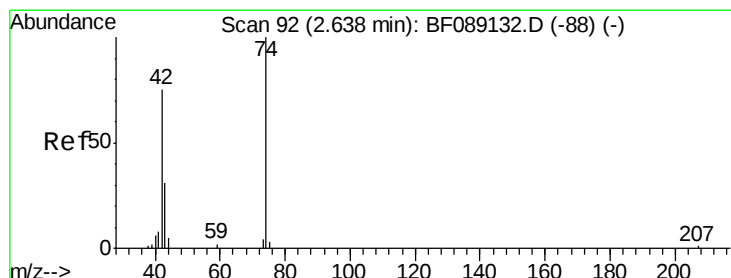
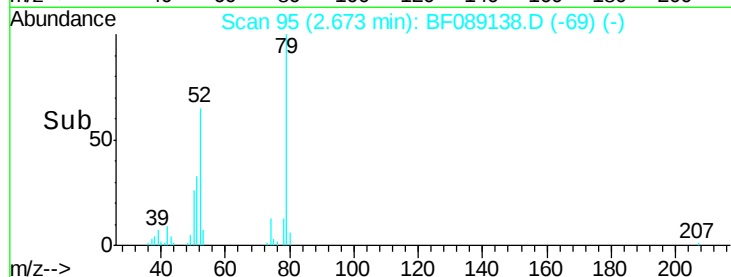
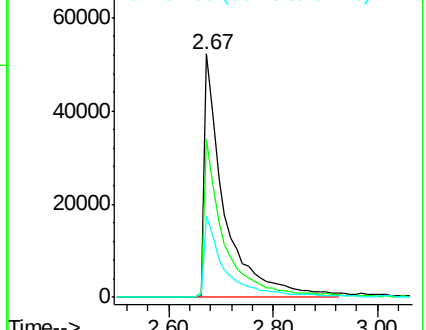
79 100

52 65.0 52.9 79.3

51 33.2 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: 40.77 ng

RT: 2.64 min Scan# 92

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

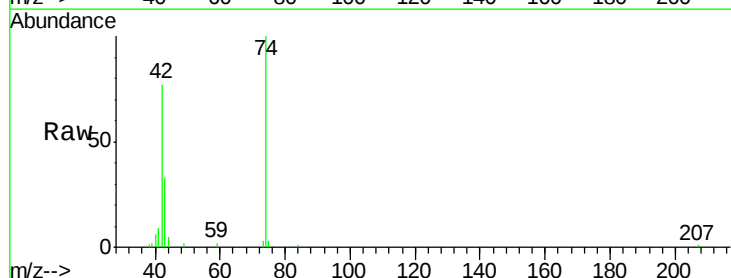
Tgt Ion: 42 Resp: 61174

Ion Ratio Lower Upper

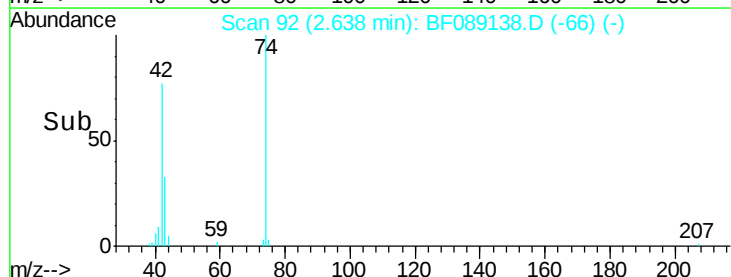
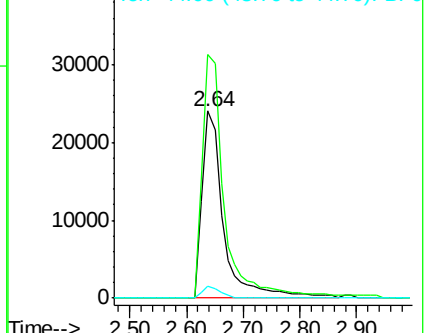
42 100

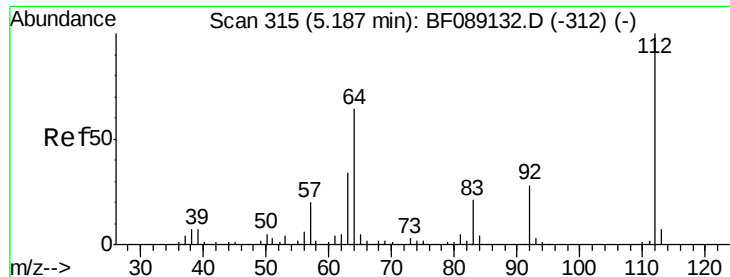
74 130.4 106.4 159.6

44 6.3 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: 80.36 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

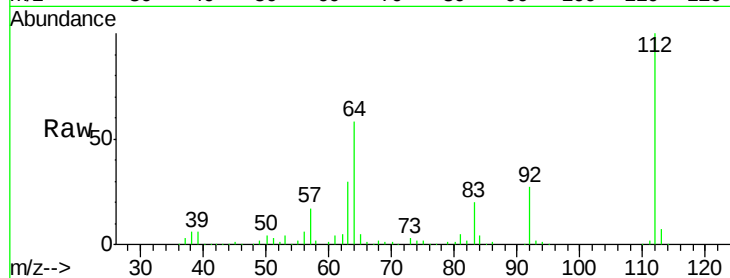
Tot Ion:112 Resp: 259688

Ion Ratio Lower Upper

112 100

64 57.7 51.0 76.4

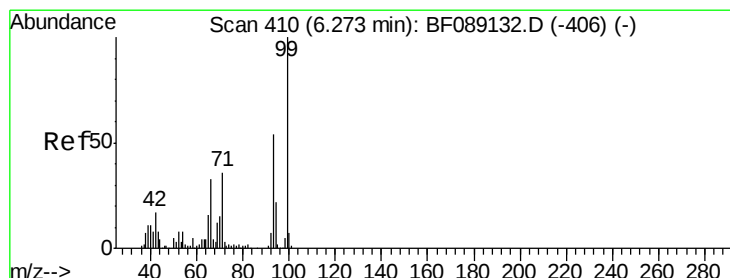
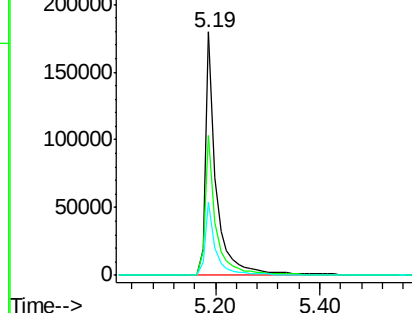
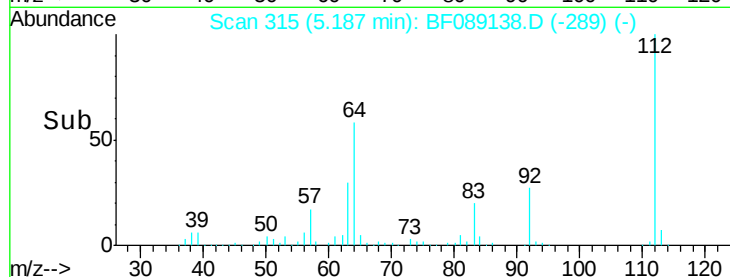
63 30.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.20 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

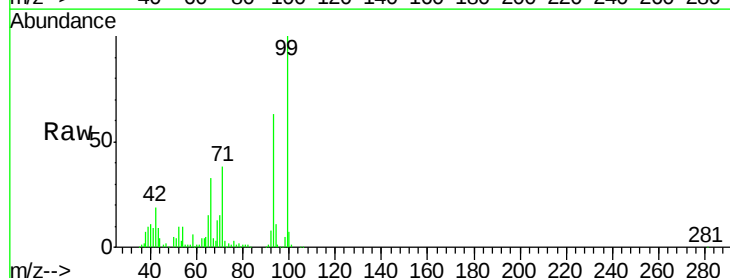
Tgt Ion: 93 Resp: 220719

Ion Ratio Lower Upper

93 100

66 53.3 48.9 73.3

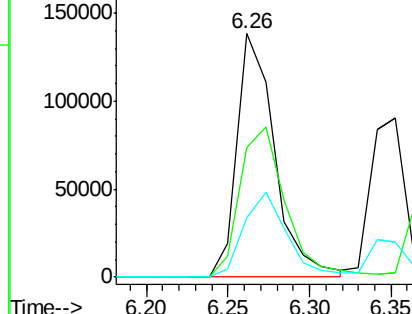
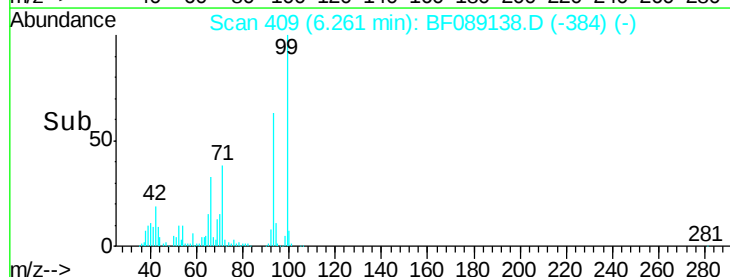
65 24.2 23.9 35.9

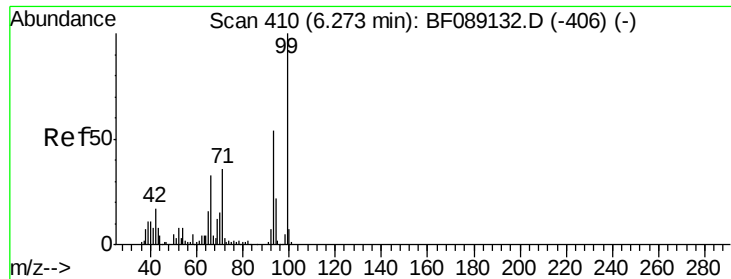


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.40 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampled :

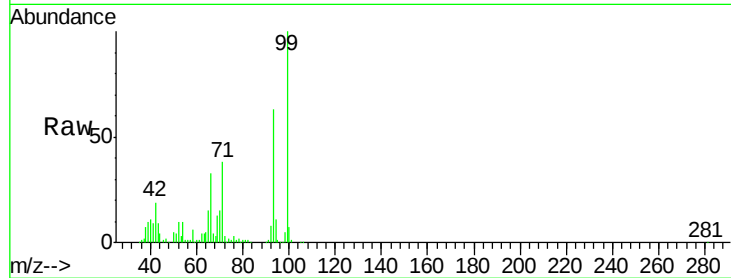
Tot Ion: 99 Resp: 322557

Ion Ratio Lower Upper

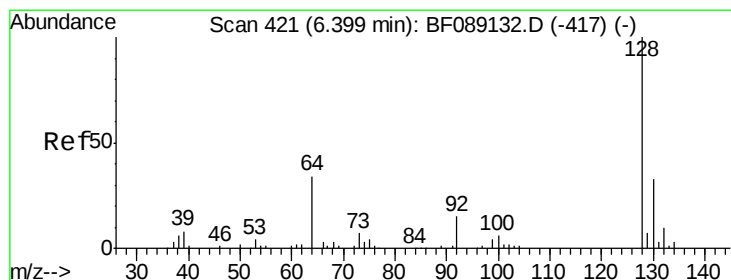
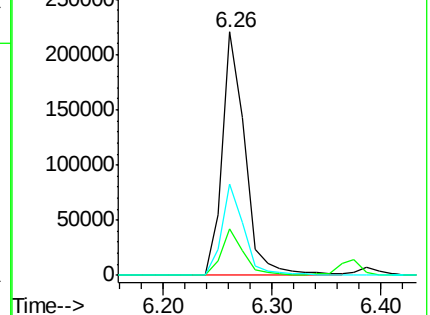
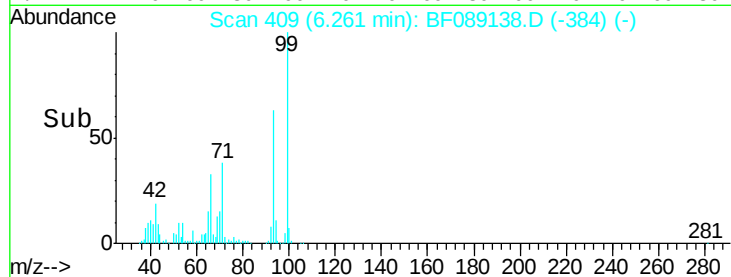
99 100

42 19.1 13.5 20.3

71 37.6 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: 40.08 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

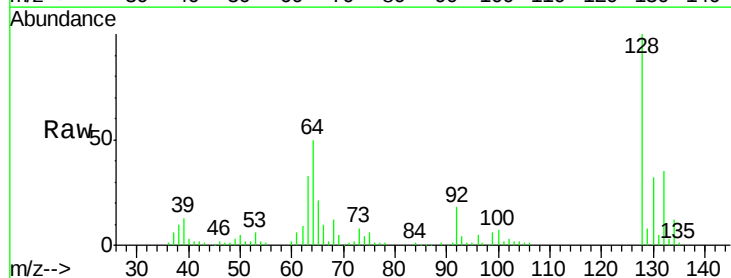
Tgt Ion: 128 Resp: 143736

Ion Ratio Lower Upper

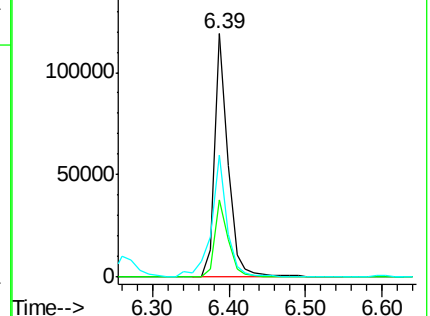
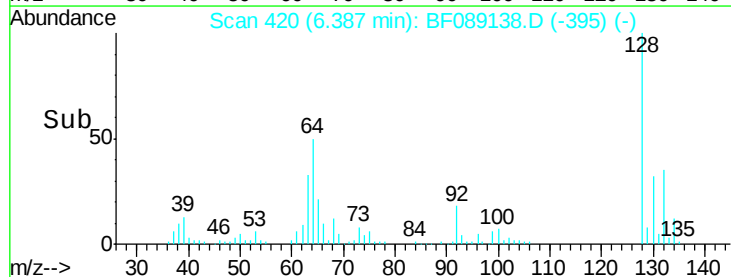
128 100

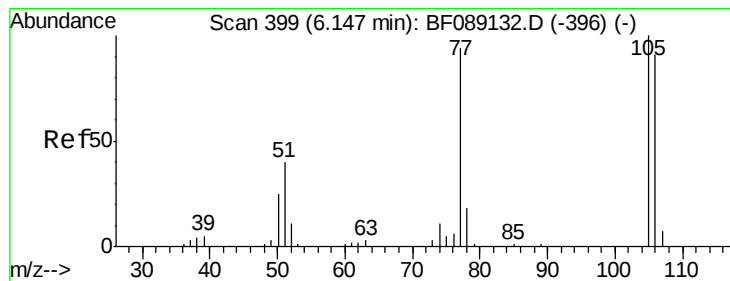
130 31.6 12.6 52.6

64 50.1 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: 41.35 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

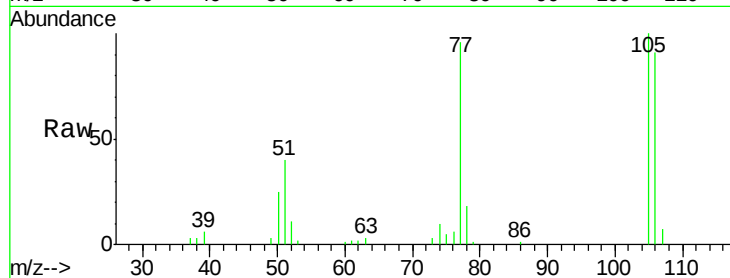
Tot Ion: 77 Resp: 89858

Ion Ratio Lower Upper

77 100

105 104.2 86.2 126.2

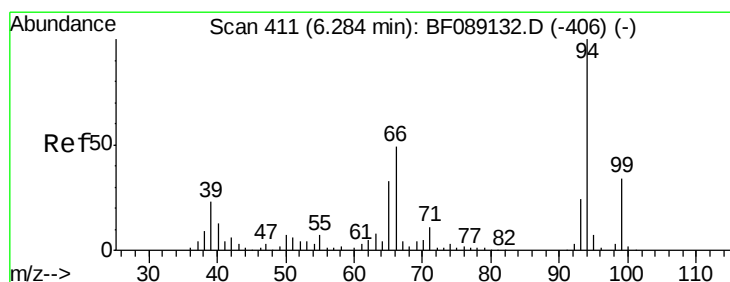
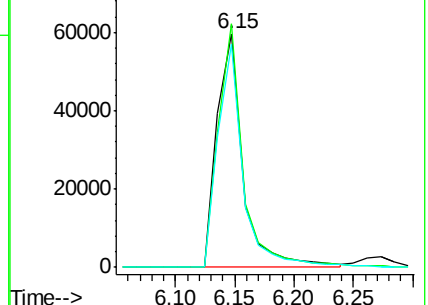
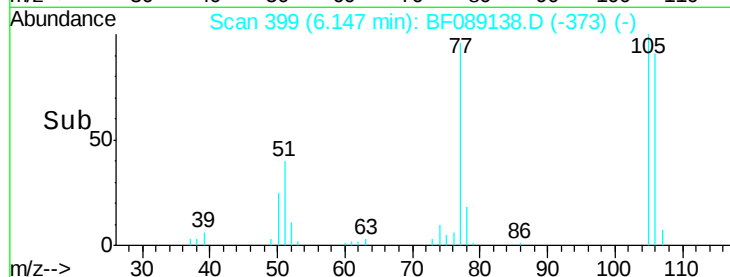
106 95.2 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.53 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

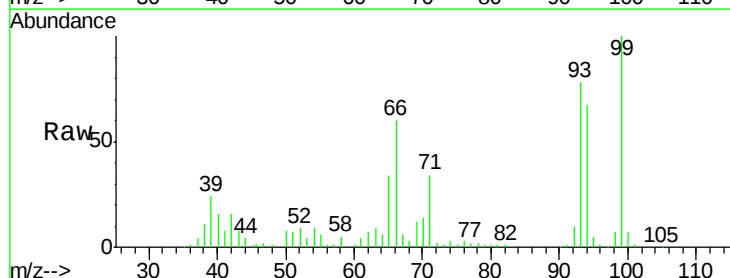
Tgt Ion: 94 Resp: 184990

Ion Ratio Lower Upper

94 100

65 50.3 13.3 53.3

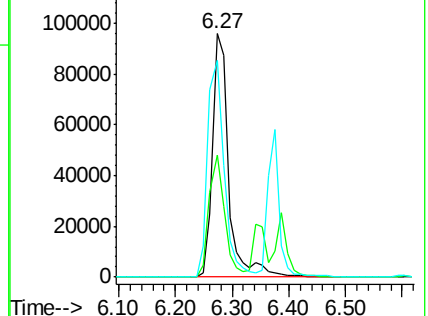
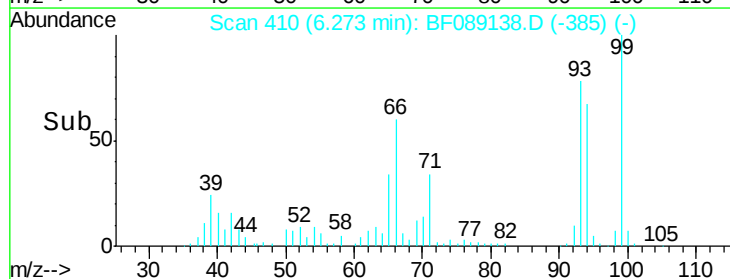
66 89.2 29.3 69.3#

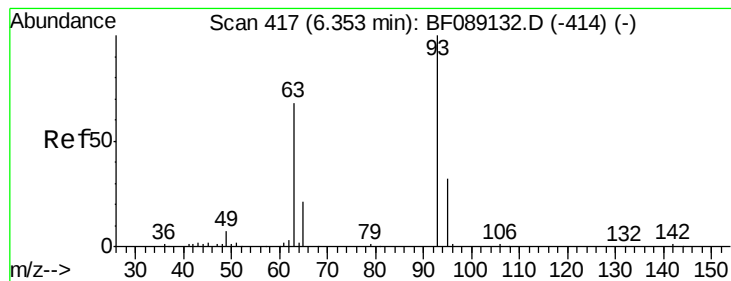


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

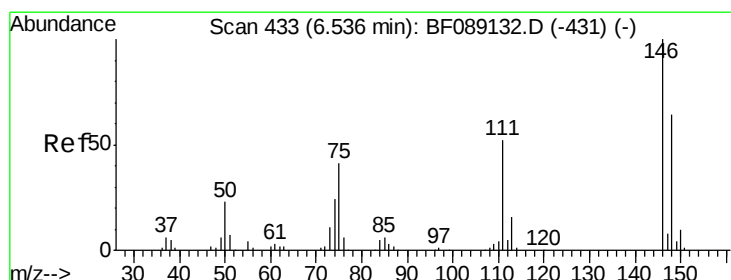
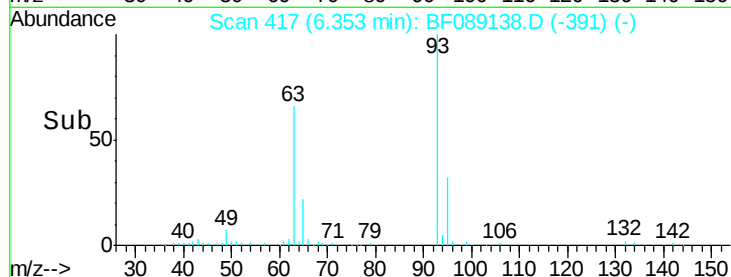
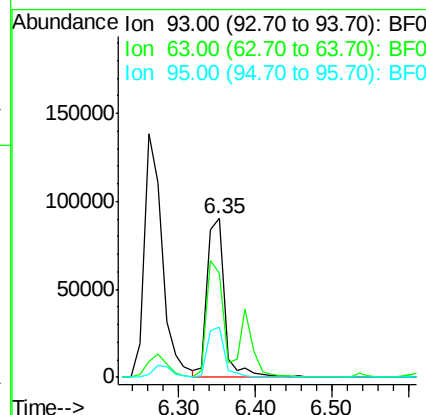
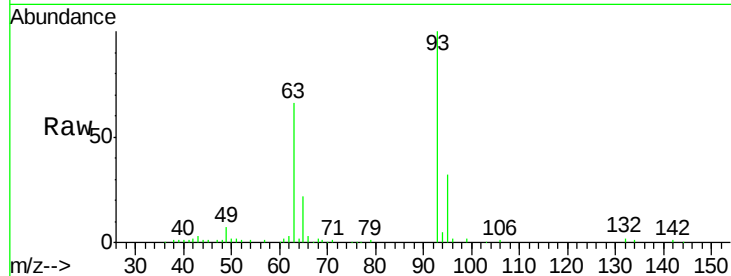




#11
bis(2-Chloroethyl)ether
Concen: 39.40 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

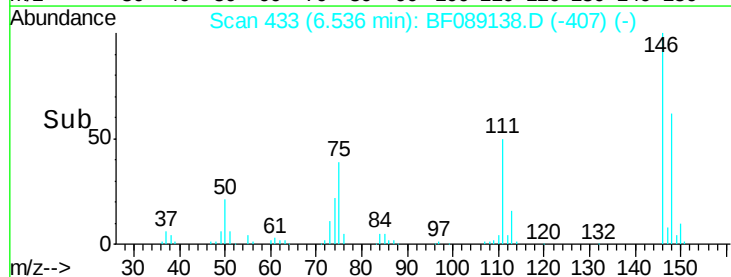
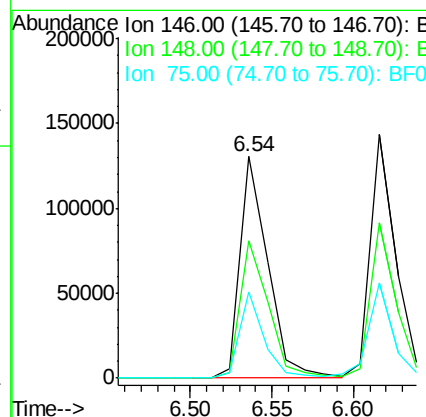
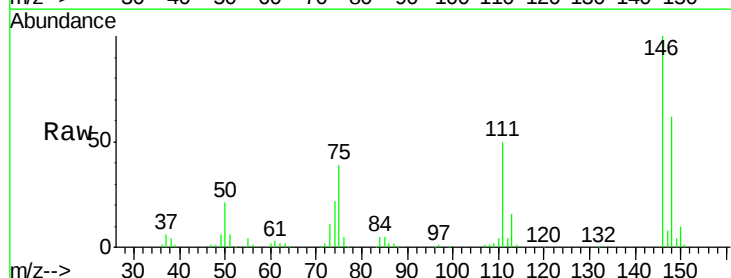
Instrument :
BNA_F
ClientSampleId :

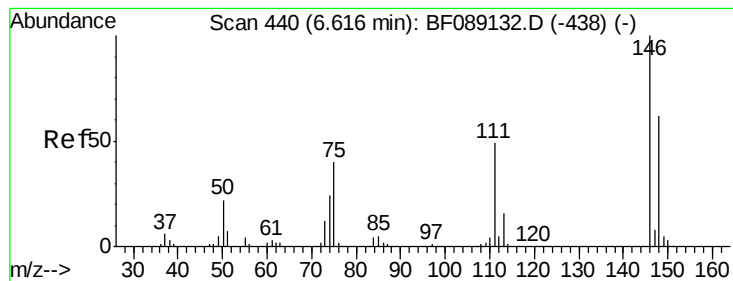
Tot Ion	93	Resp	142056
Ion Ratio	100	Lower	Upper
63	66.0	47.3	87.3
95	31.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.64 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion	146	Resp	153013
Ion Ratio	100	Lower	Upper
148	61.9	51.0	76.6
75	38.8	32.5	48.7





#13

1,4-Dichlorobenzene

Concen: 39.82 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

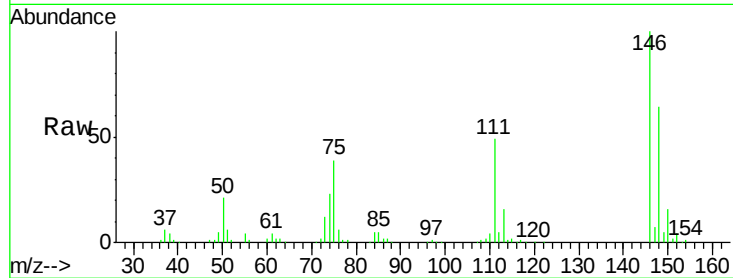
Tot Ion:146 Resp: 158801

Ion Ratio Lower Upper

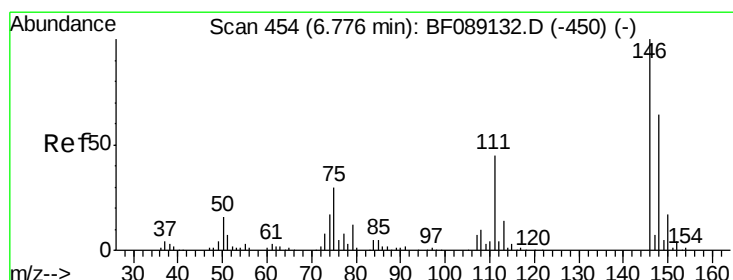
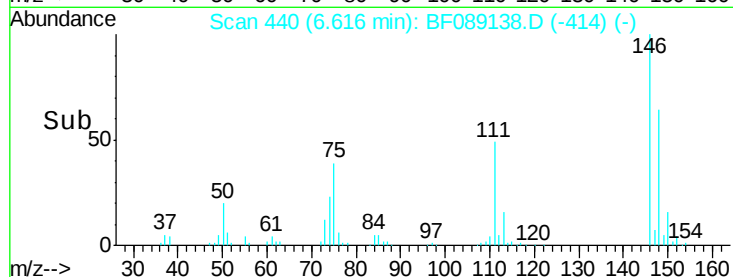
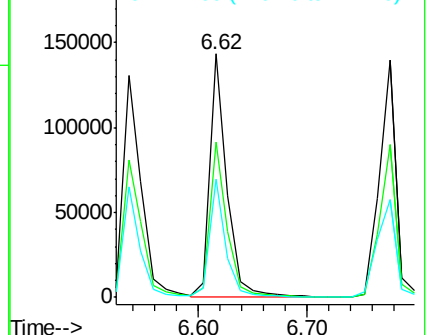
146 100

148 64.0 49.9 74.9

111 48.8 39.8 59.6



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



#14

1,2-Dichlorobenzene

Concen: 40.11 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

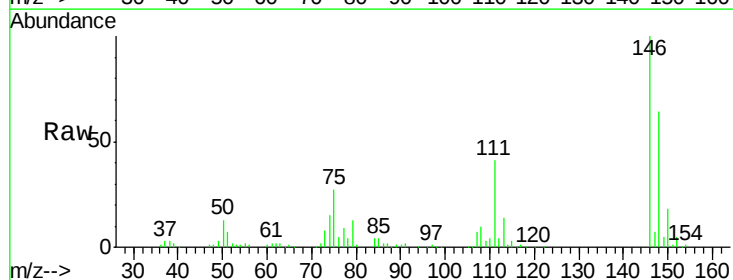
Tgt Ion:146 Resp: 150803

Ion Ratio Lower Upper

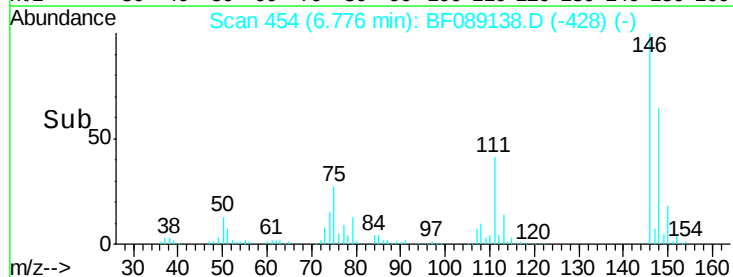
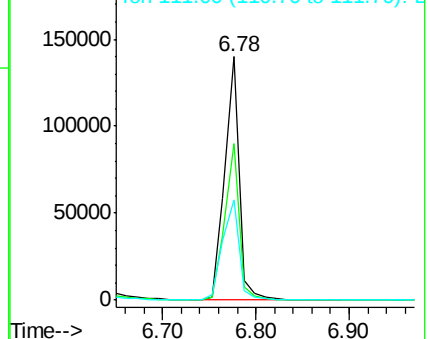
146 100

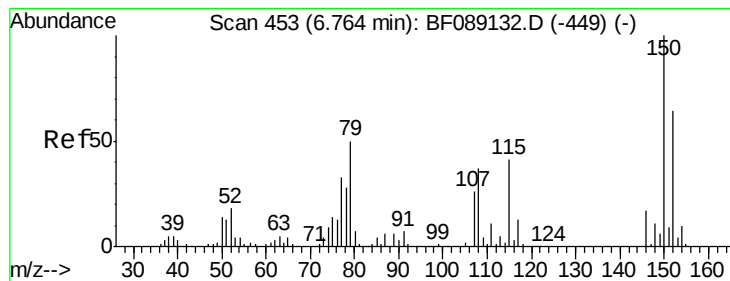
148 64.4 51.4 77.0

111 41.3 35.9 53.9



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





#15

Benzyl Alcohol

Concen: 39.73 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :
BNA_F
ClientSampled :

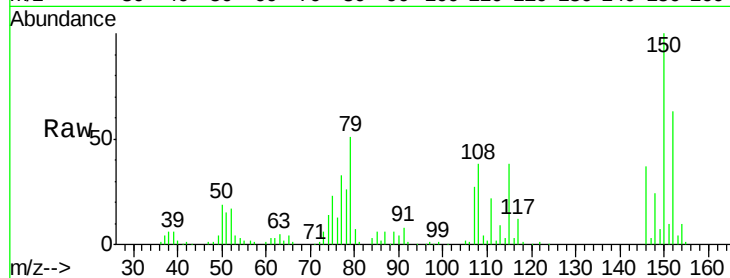
Tot Ion: 79 Resp: 121239

Ion Ratio Lower Upper

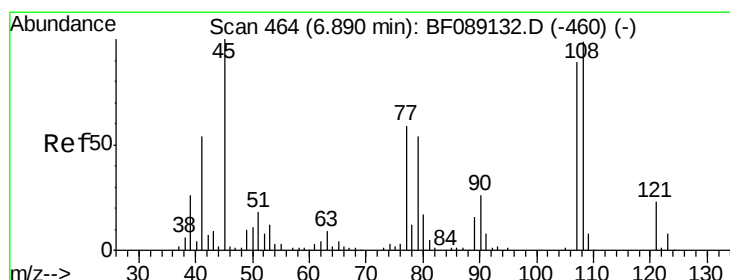
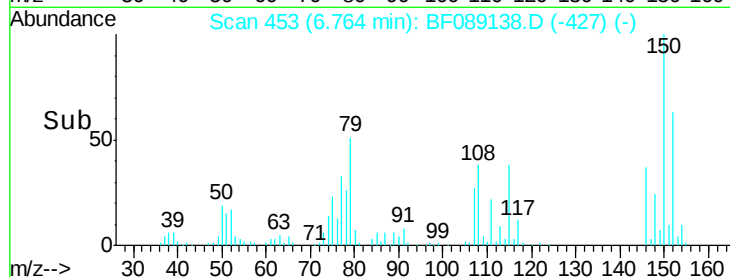
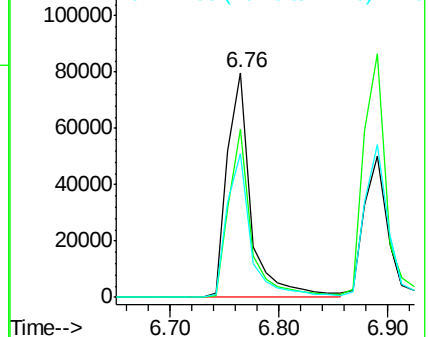
79 100

108 74.7 58.2 87.4

77 63.9 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: 40.00 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

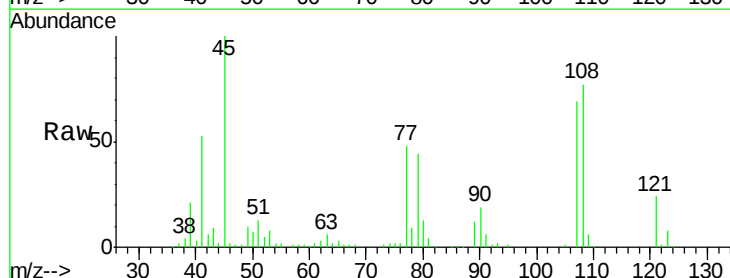
Tgt Ion: 45 Resp: 164354

Ion Ratio Lower Upper

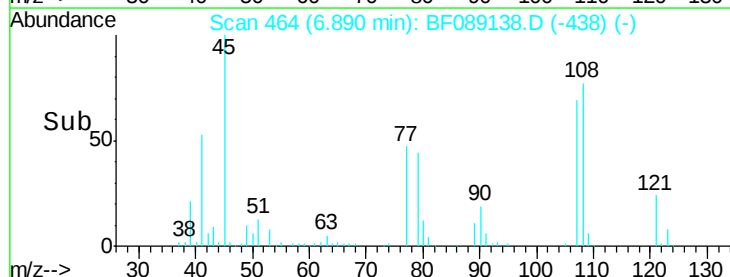
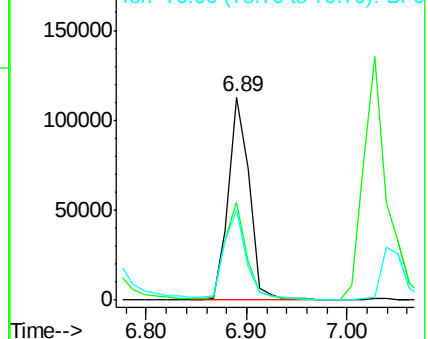
45 100

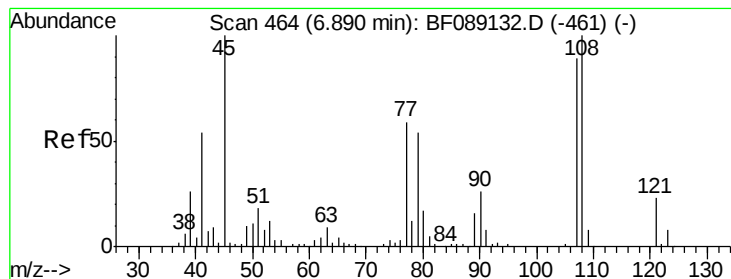
77 48.0 39.7 79.7

79 44.3 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

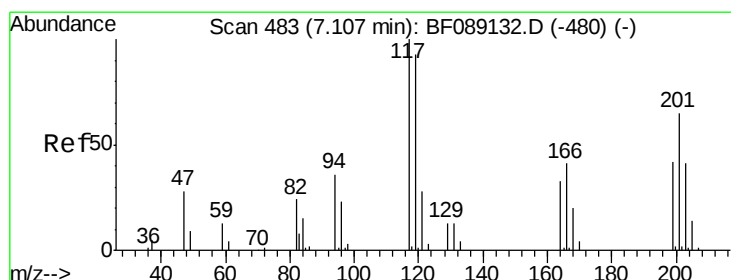
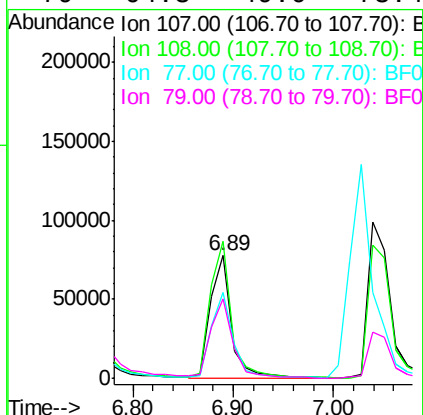
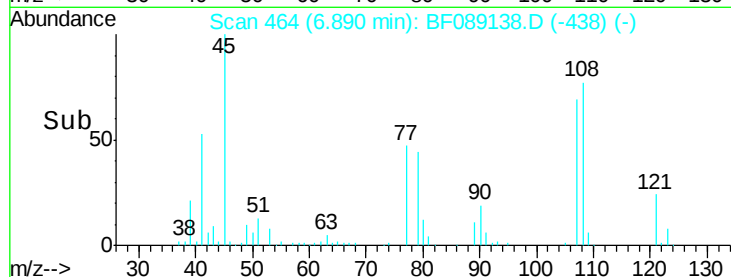
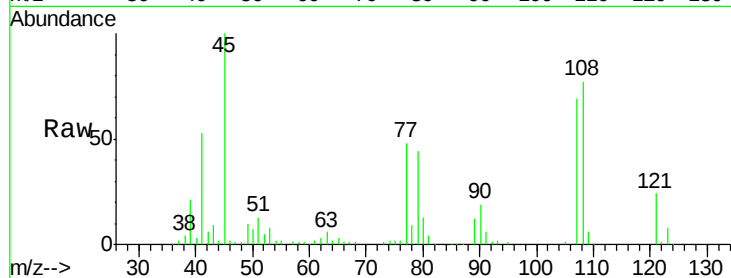




#17
2-Methylphenol
Concen: 39.40 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

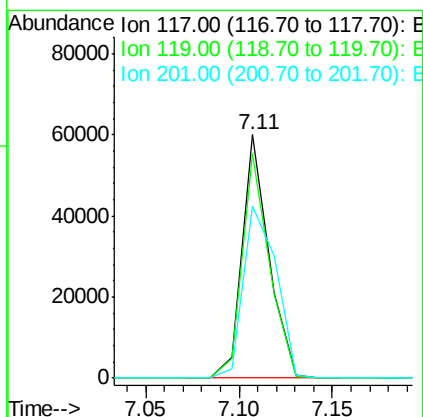
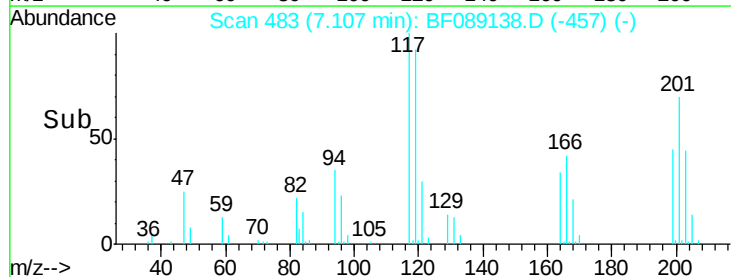
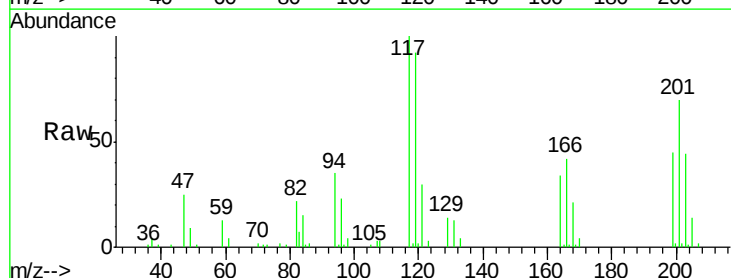
Instrument :
BNA_F
ClientSampleId :

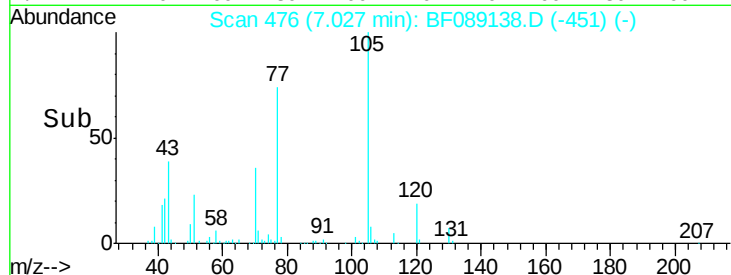
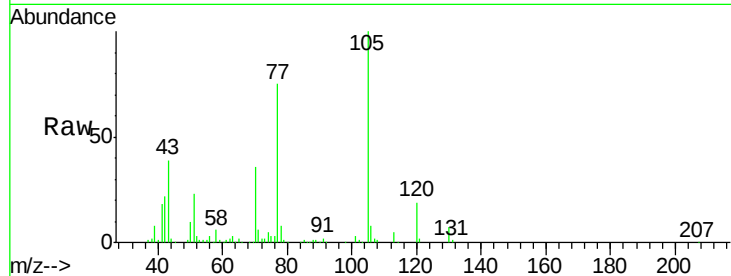
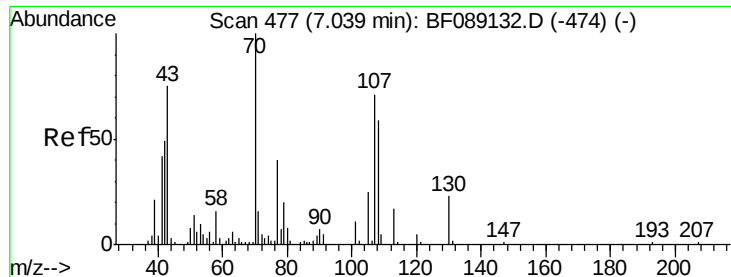
Tot Ion:107 Resp: 111283
Ion Ratio Lower Upper
107 100
108 111.3 89.4 134.2
77 69.6 53.4 80.0
79 64.3 49.0 73.4



#18
Hexachloroethane
Concen: 39.77 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:117 Resp: 59620
Ion Ratio Lower Upper
117 100
119 92.4 74.5 111.7
201 70.4 51.8 77.6

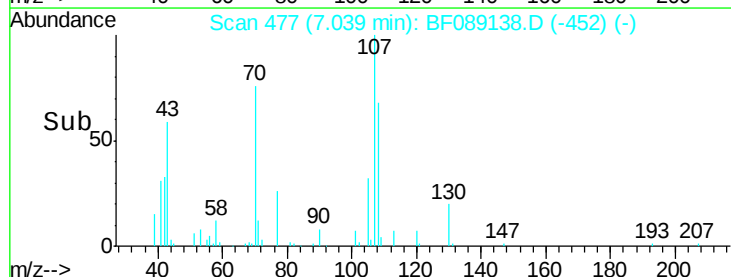
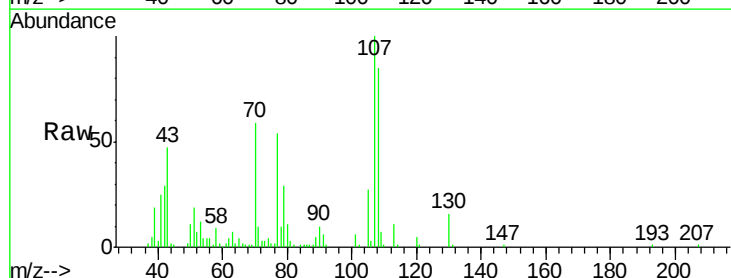
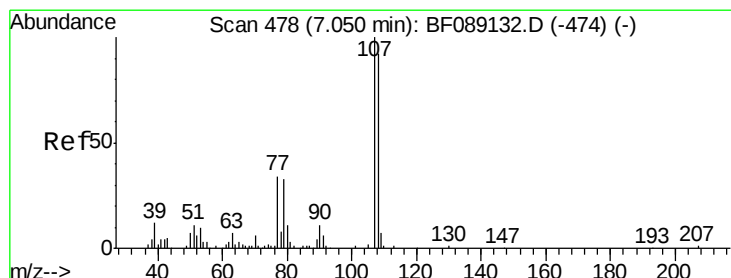
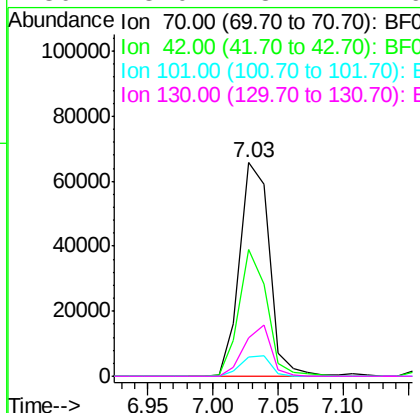




#19
n-Nitroso-di-n-propylamine
Concen: 38.48 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

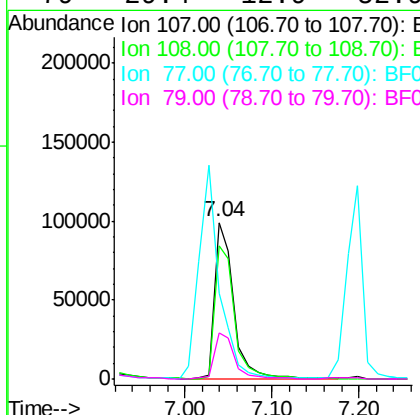
Instrument :
BNA_F
ClientSampleId :

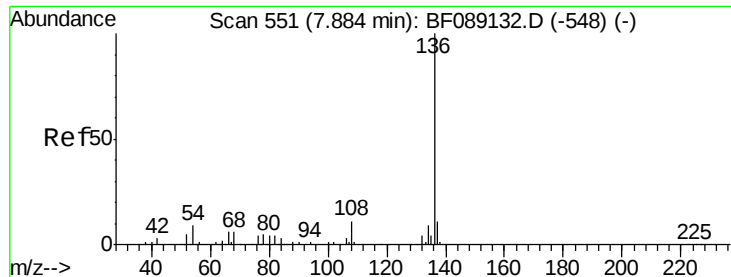
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.6	39.2	58.8#	
101	9.0	8.5	12.7	
130	18.0	18.4	27.6#	



#20
3+4-Methylphenols
Concen: 39.43 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.9	72.5	112.5	
77	54.4	17.7	57.7	
79	29.4	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: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 211137

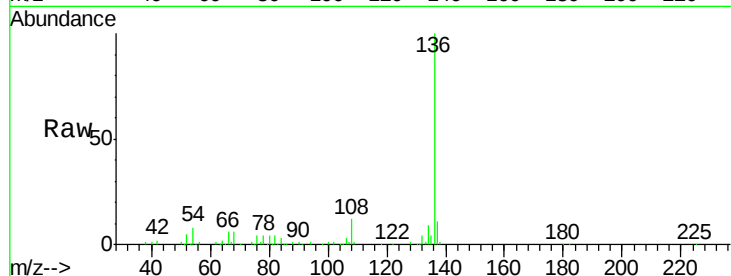
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.1 7.0 10.4

68 6.0 5.0 7.6

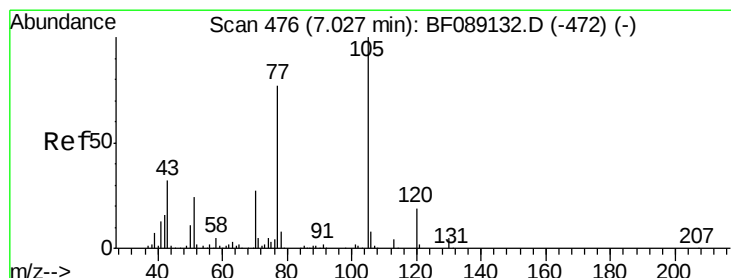
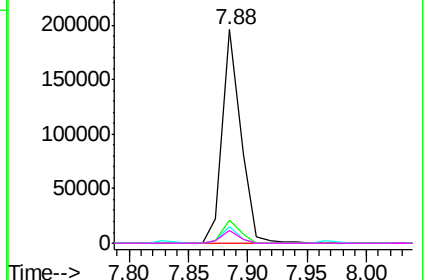
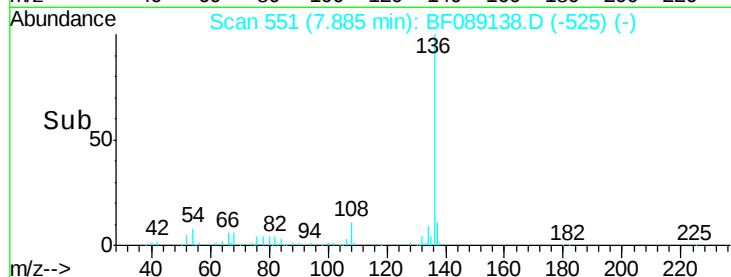


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.43 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Tgt Ion:105 Resp: 222289

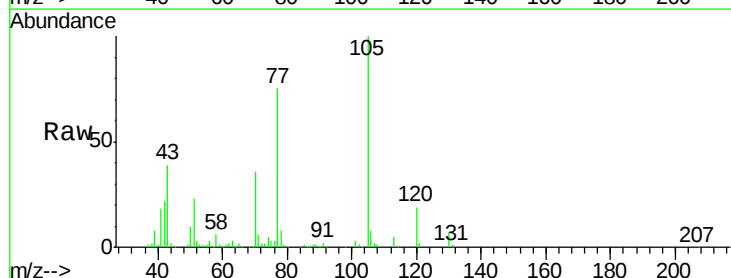
Ion Ratio Lower Upper

105 100

71 6.0 3.8 5.6#

51 22.9 19.6 29.4

120 19.3 15.5 23.3

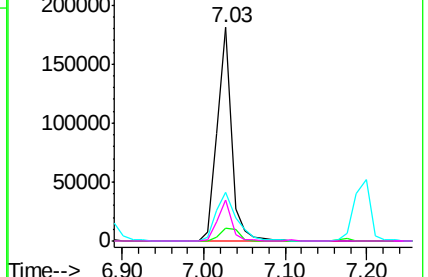
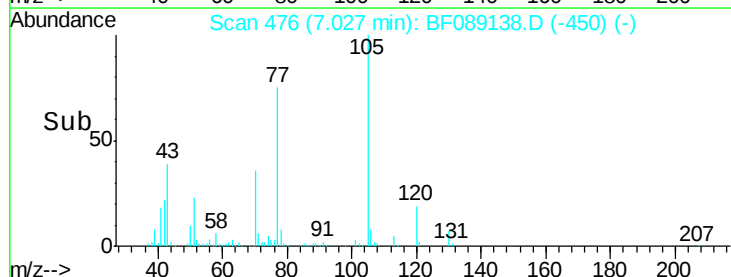


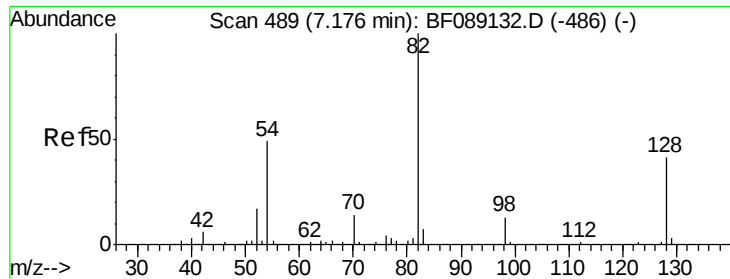
Abundance Ion 105.00 (104.70 to 105.70): E

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

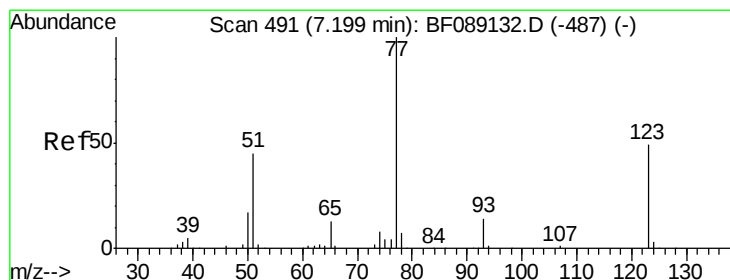
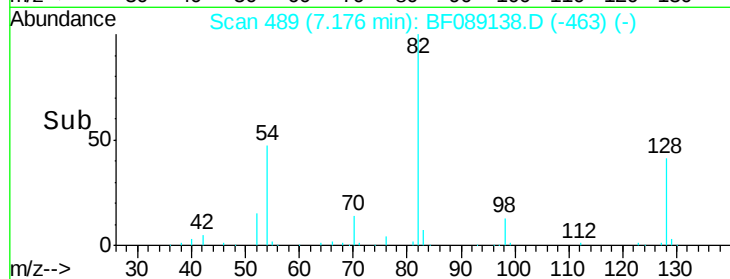
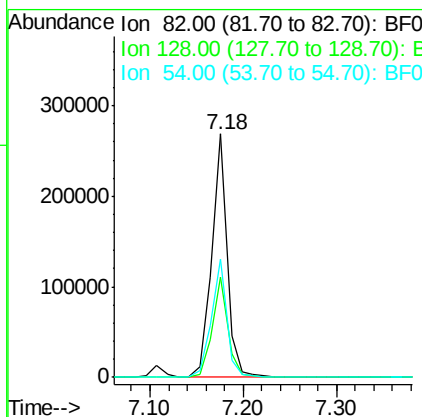
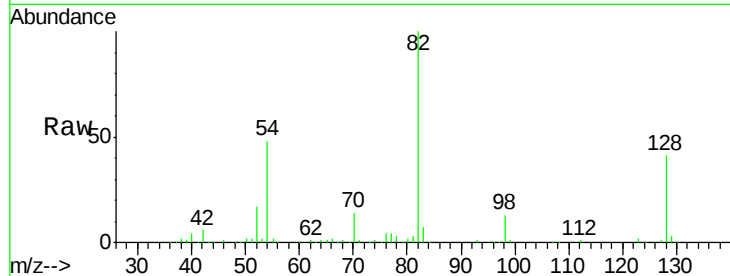




#23
 Nitrobenzene-d5
 Concen: 77.56 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

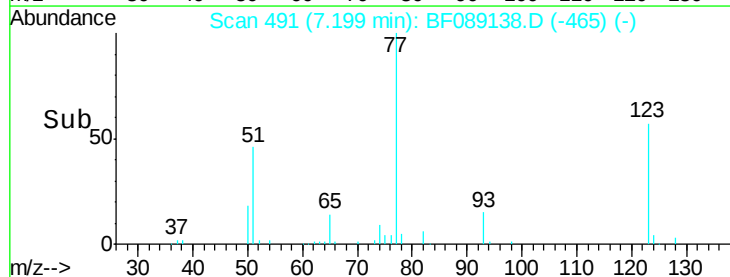
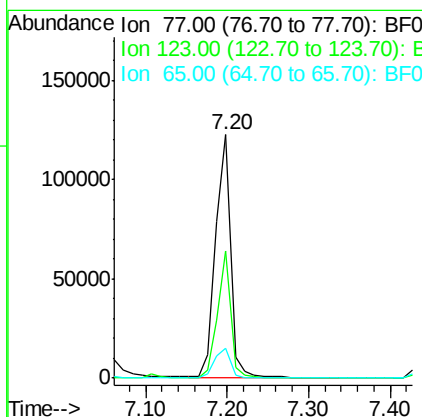
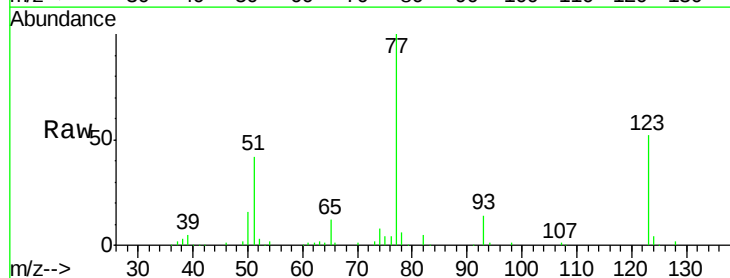
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	308191
Ion Ratio	100	Lower	Upper
128	40.9	33.0	49.6
54	48.3	39.0	58.4



#24
 Nitrobenzene
 Concen: 38.38 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion	77	Resp	160859
Ion Ratio	100	Lower	Upper
123	52.3	38.9	58.3
65	12.4	10.6	15.8





#25

Isophorone

Concen: 39.38 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

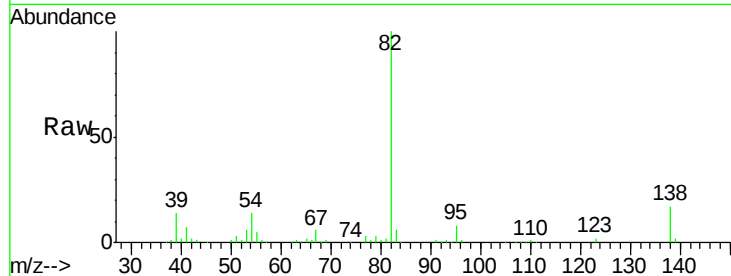
Tot Ion: 82 Resp: 288422

Ion Ratio Lower Upper

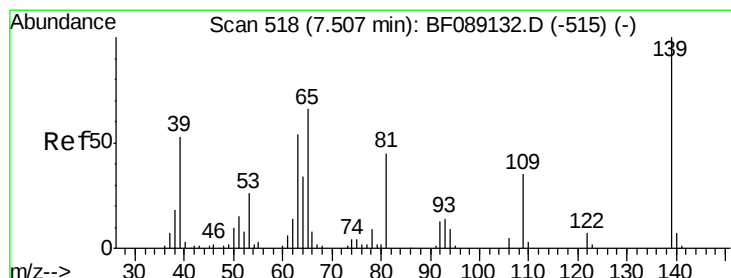
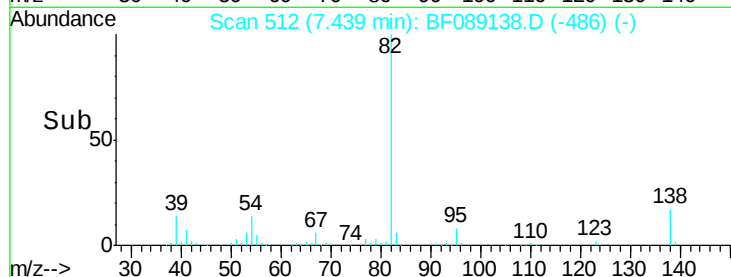
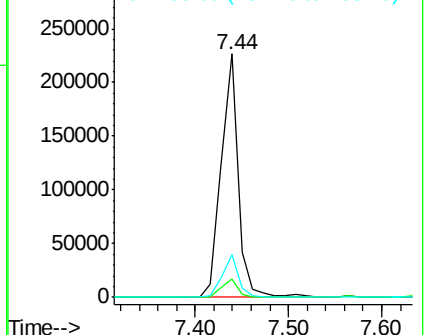
82 100

95 7.7 6.1 9.1

138 17.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 37.09 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

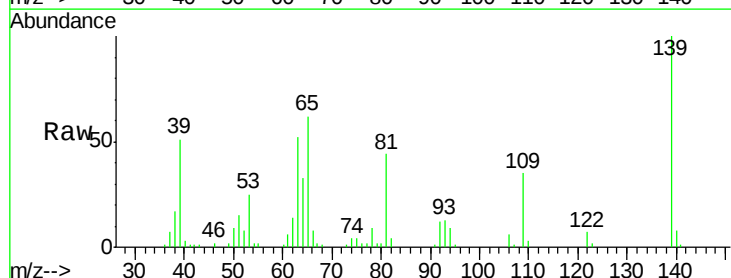
Tgt Ion: 139 Resp: 72505

Ion Ratio Lower Upper

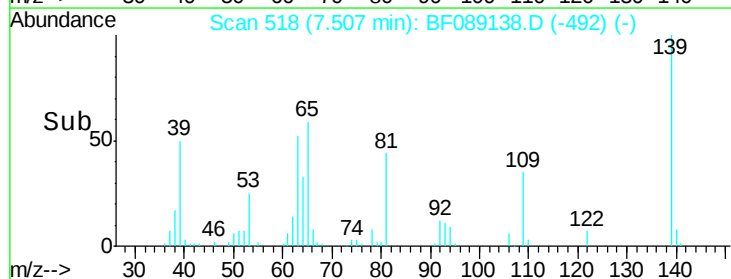
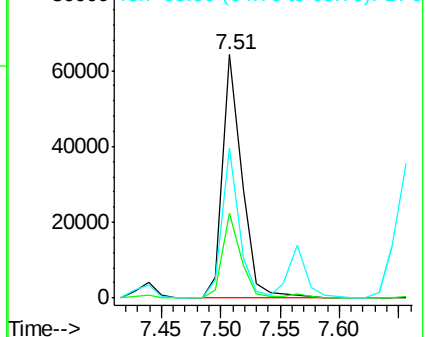
139 100

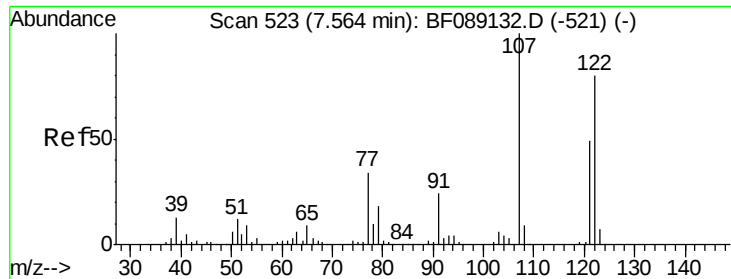
109 35.0 28.1 42.1

65 61.7 52.7 79.1



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





#27

2,4-Dimethylphenol

Concen: 39.59 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampled :

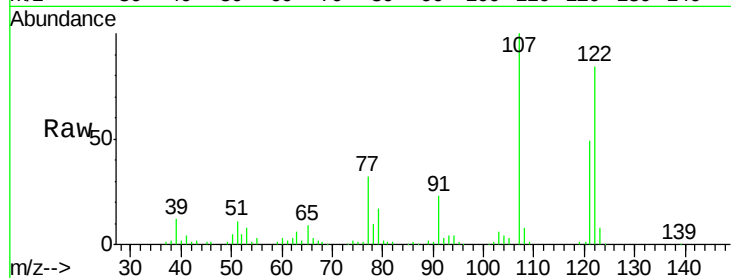
Tot Ion:122 Resp: 130390

Ion Ratio Lower Upper

122 100

107 119.5 99.7 149.5

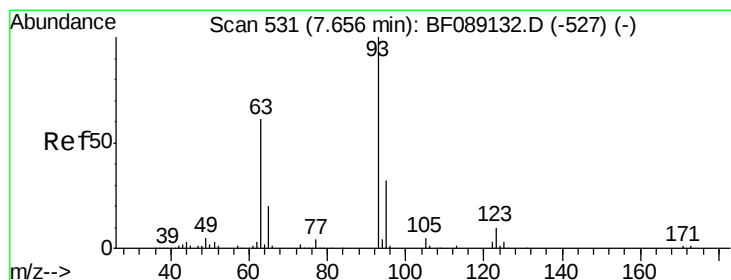
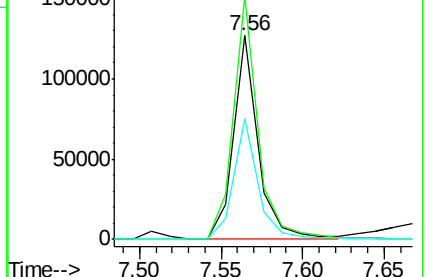
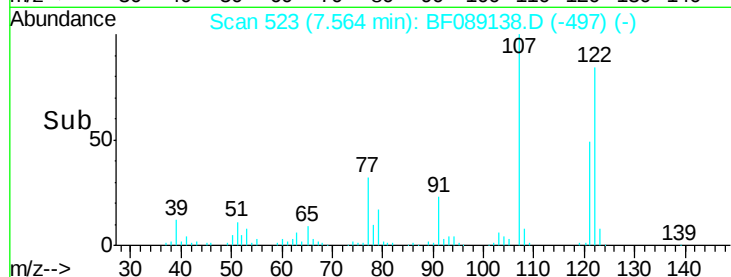
121 59.1 48.5 72.7



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: 41.22 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

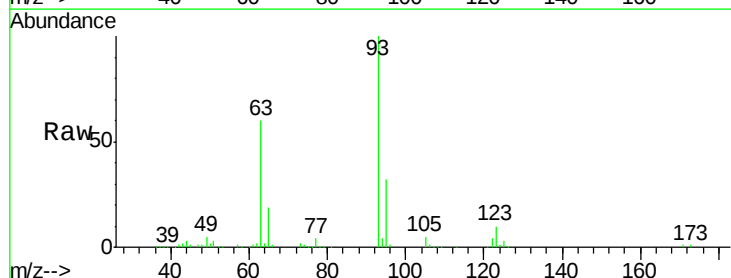
Tgt Ion: 93 Resp: 188833

Ion Ratio Lower Upper

93 100

95 31.9 25.4 38.0

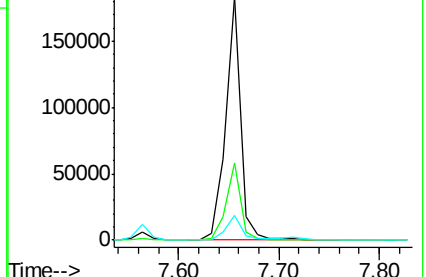
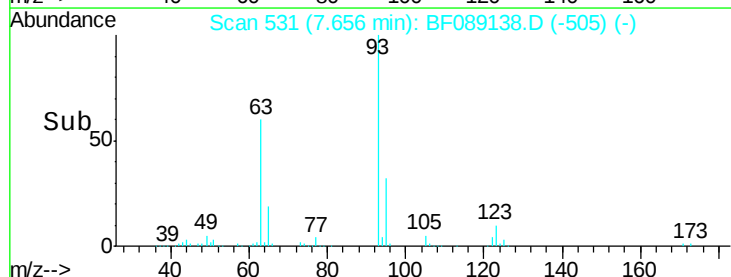
123 10.4 8.3 12.5

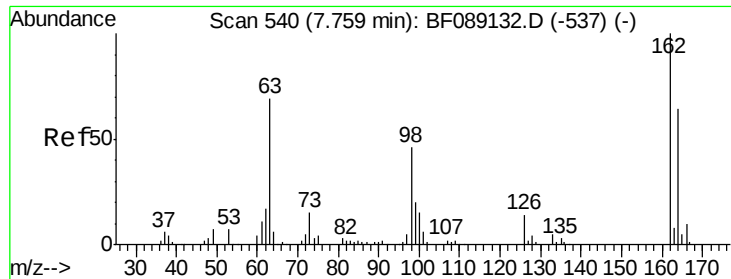


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

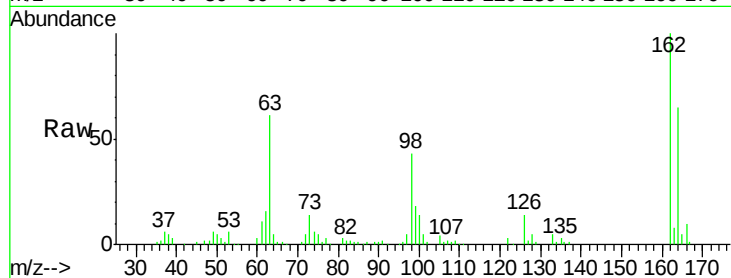




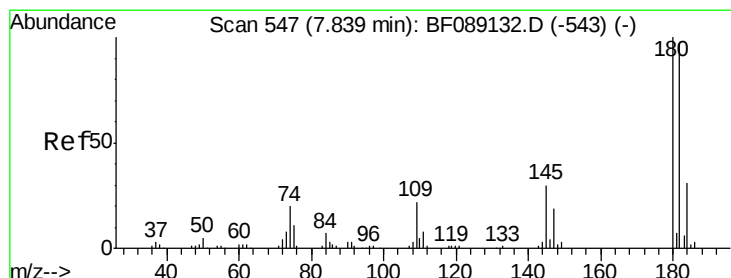
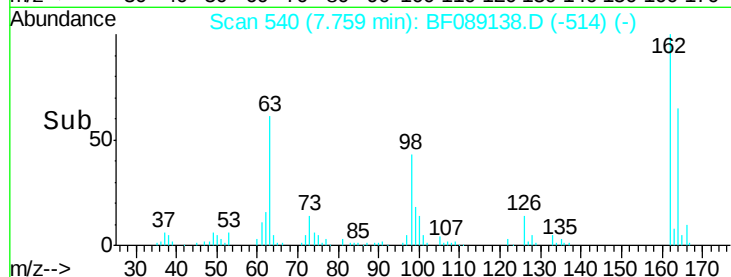
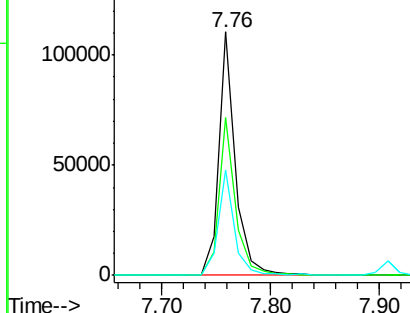
#29
 2,4-Dichlorophenol
 Concen: 39.57 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 117426
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.0 84.0
 98 43.1 26.0 66.0

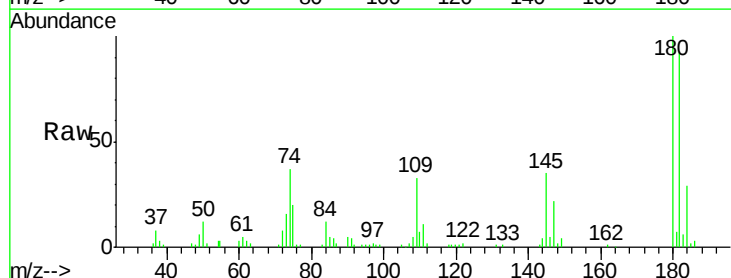


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

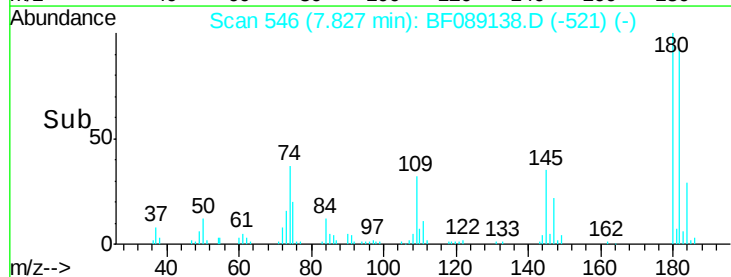
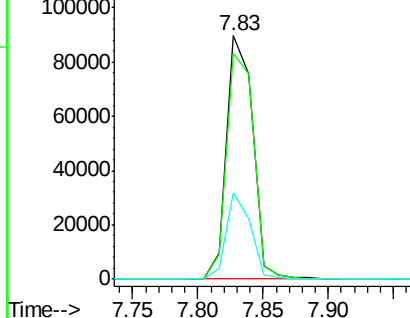


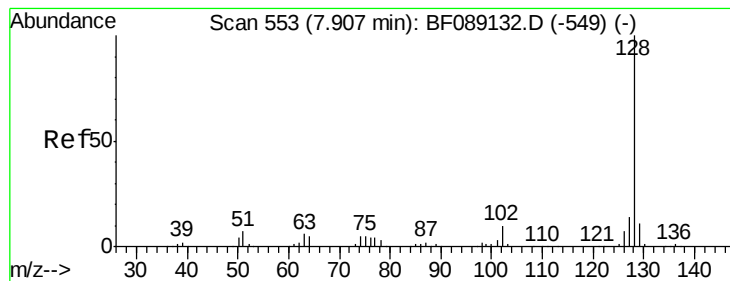
#30
 1,2,4-Trichlorobenzene
 Concen: 38.07 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion:180 Resp: 125064
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.6 116.4
 145 35.2 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: 37.96 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampled :

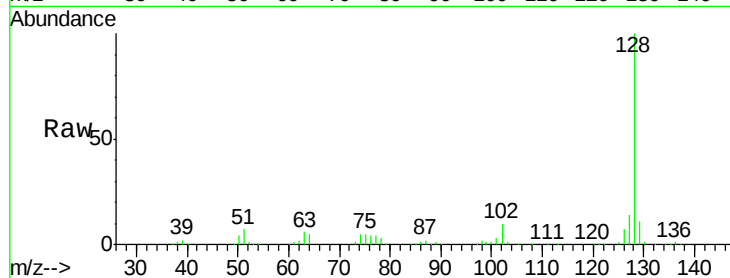
Tot Ion:128 Resp: 432592

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

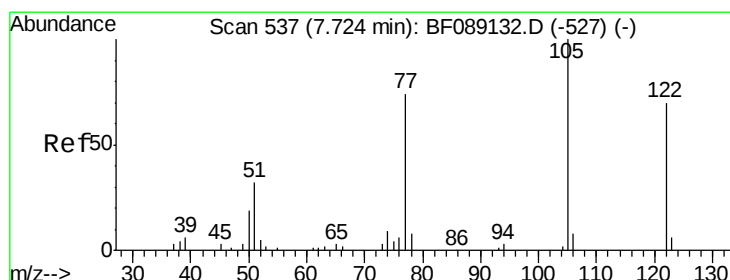
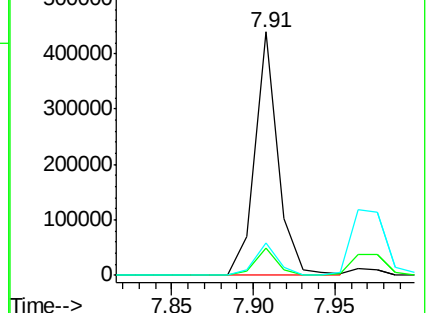
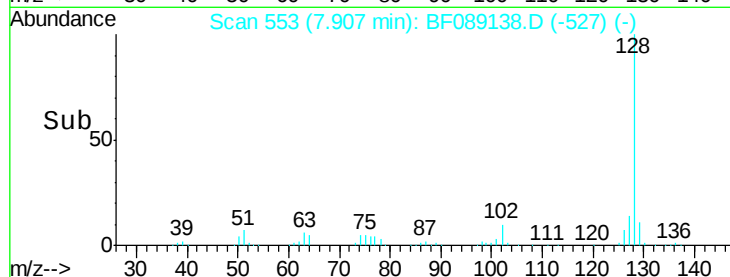
127 13.5 10.8 16.2



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: 38.51 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

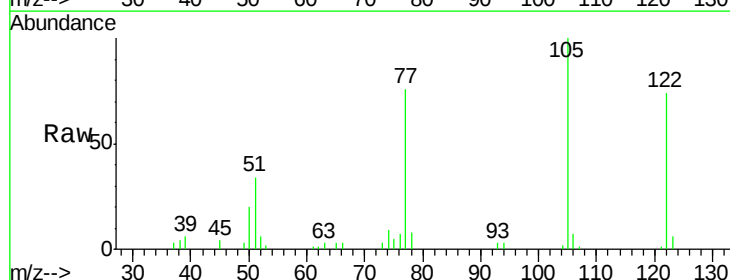
Tgt Ion:122 Resp: 97521

Ion Ratio Lower Upper

122 100

105 134.8 119.0 159.0

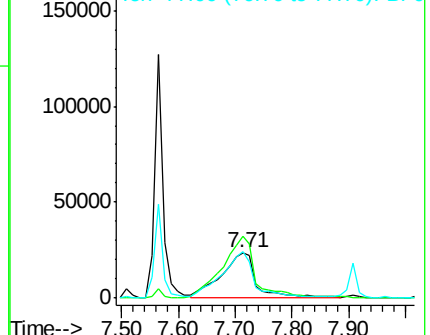
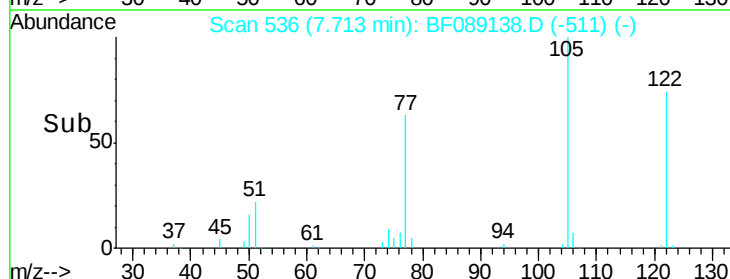
77 101.9 84.7 124.7

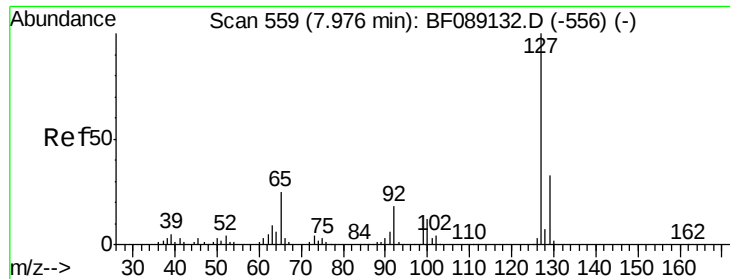


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

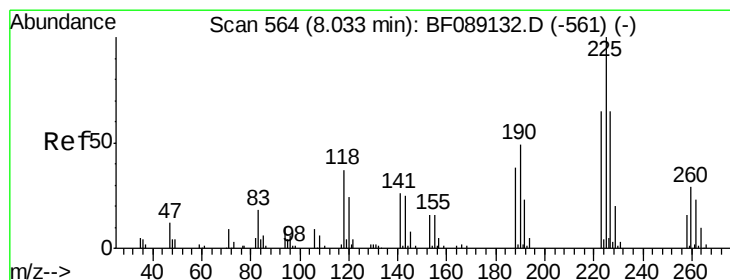
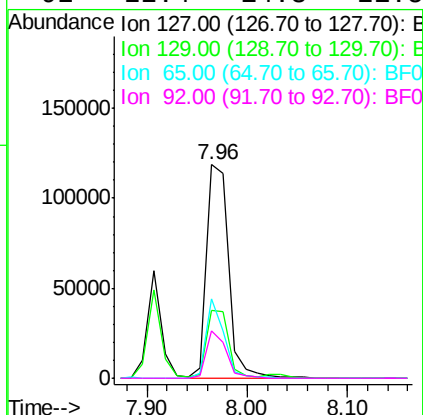
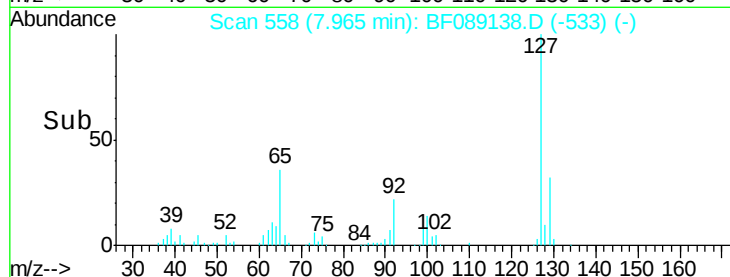
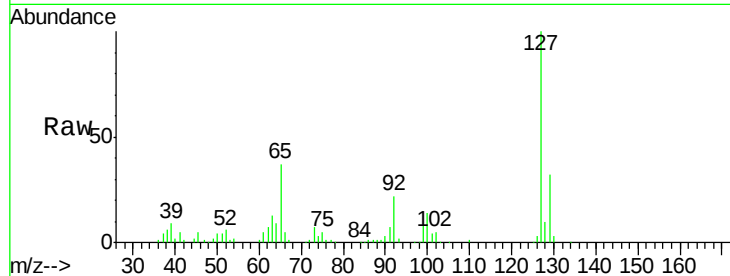




#33
4-Chloroaniline
Concen: 37.90 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

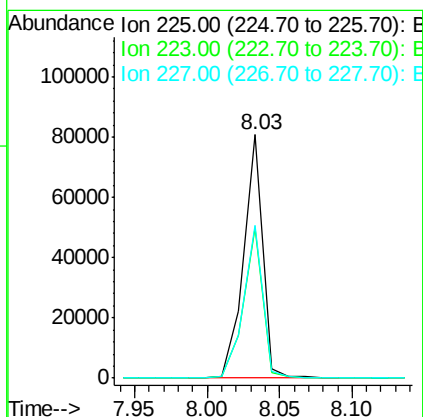
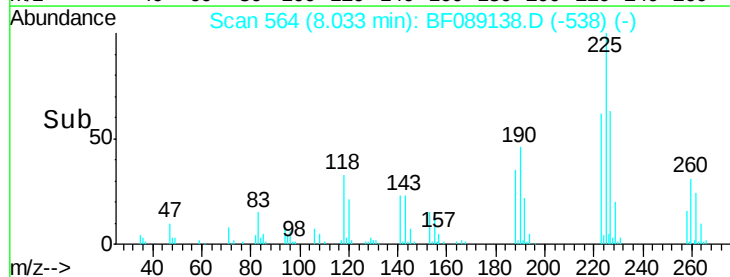
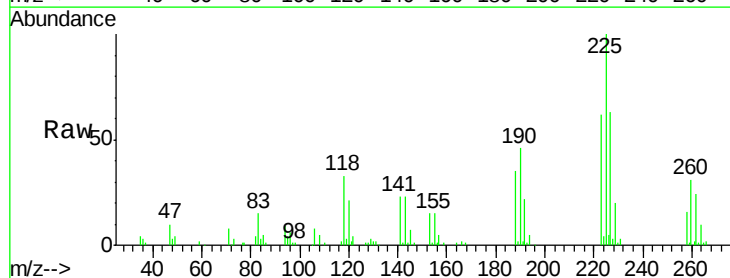
Instrument :
BNA_F
ClientSampleId :

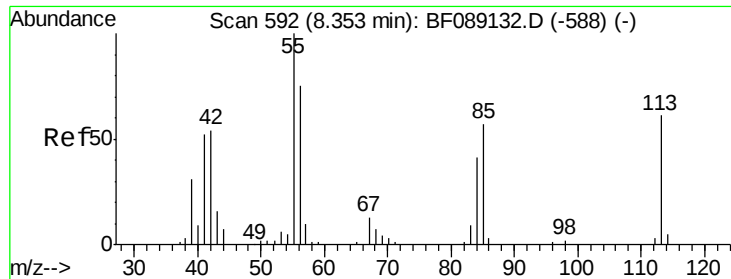
Tot Ion:127 Resp: 181617
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 37.0 19.7 29.5#
92 22.4 14.3 21.5#



#34
Hexachlorobutadiene
Concen: 40.48 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:225 Resp: 74020
Ion Ratio Lower Upper
225 100
223 61.9 51.6 77.4
227 62.9 51.6 77.4

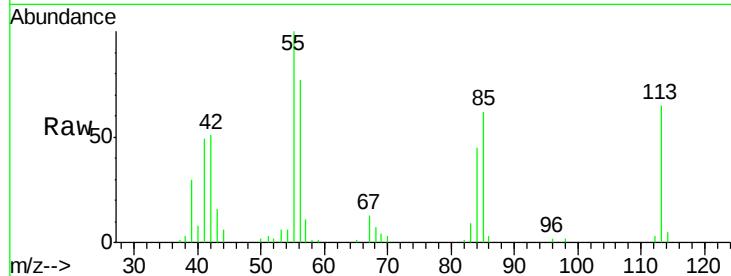




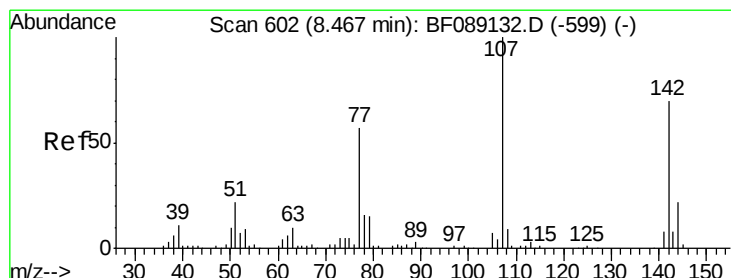
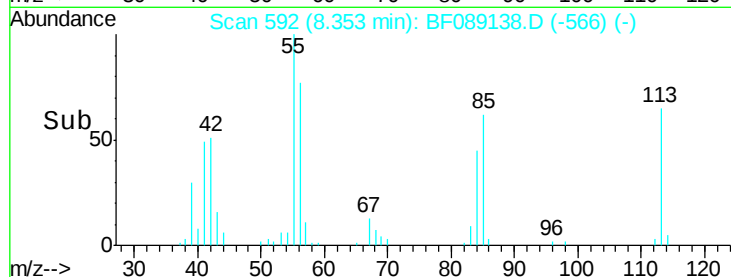
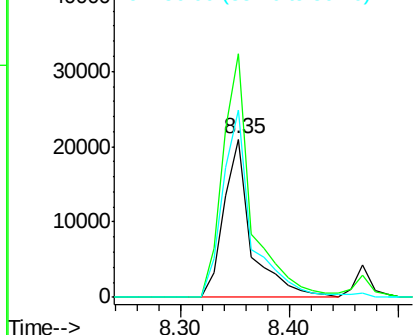
#35
 Caprolactam
 Concen: 39.93 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 36801
 Ion Ratio Lower Upper
 113 100
 55 153.8 145.3 185.3
 56 118.1 104.3 144.3

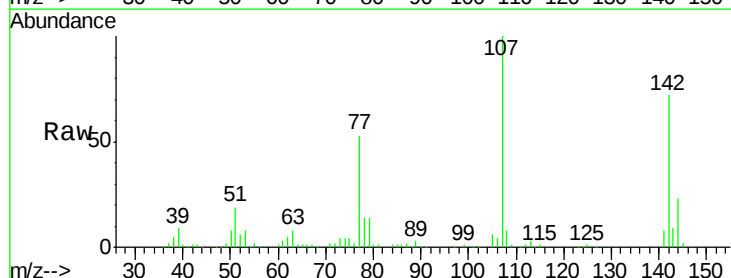


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

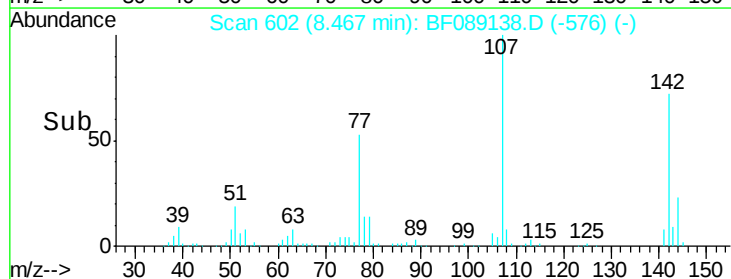
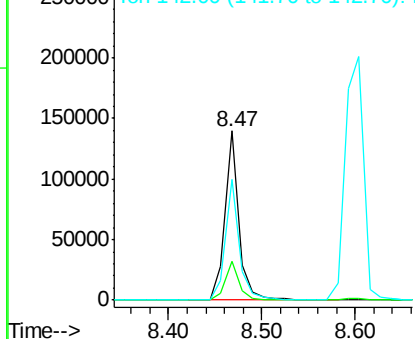


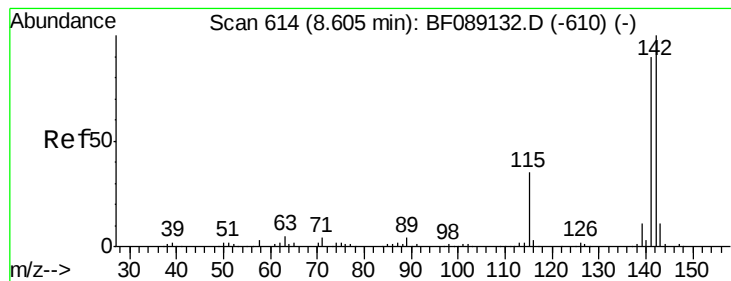
#36
 4-Chloro-3-methylphenol
 Concen: 40.34 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion:107 Resp: 144261
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.8 26.6
 142 71.7 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: 38.16 ng

RT: 8.60 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

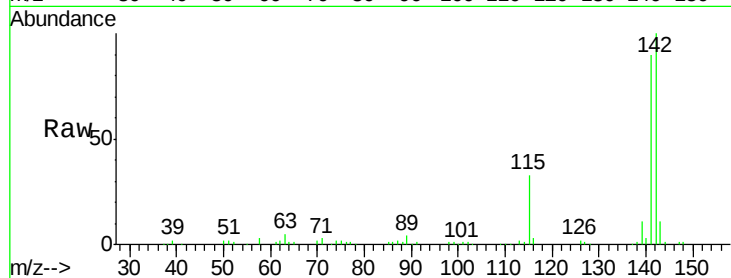
Tot Ion:142 Resp: 277317

Ion Ratio Lower Upper

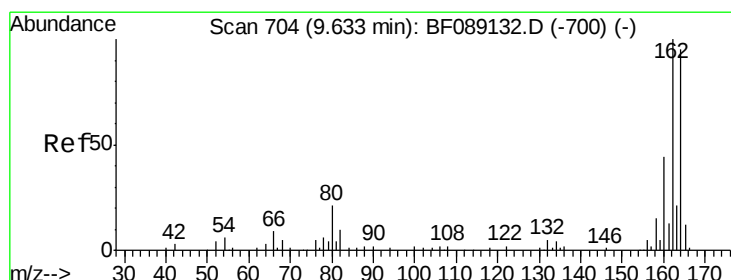
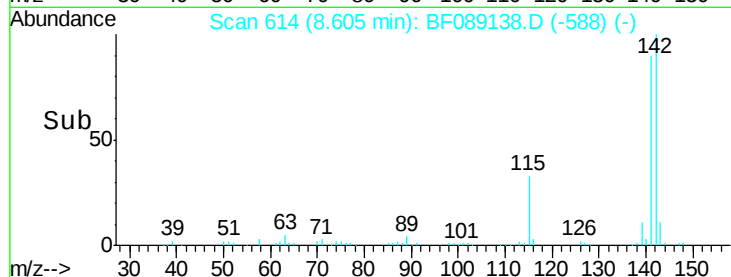
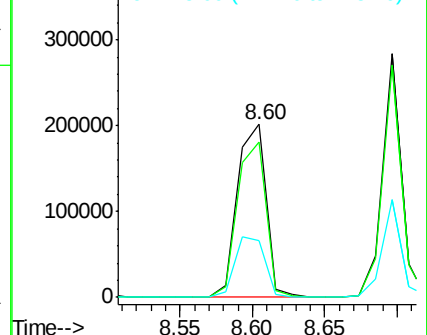
142 100

141 90.3 71.6 107.4

115 32.9 27.6 41.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

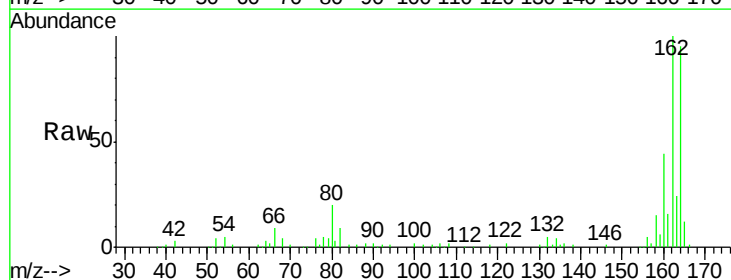
Tgt Ion:164 Resp: 103745

Ion Ratio Lower Upper

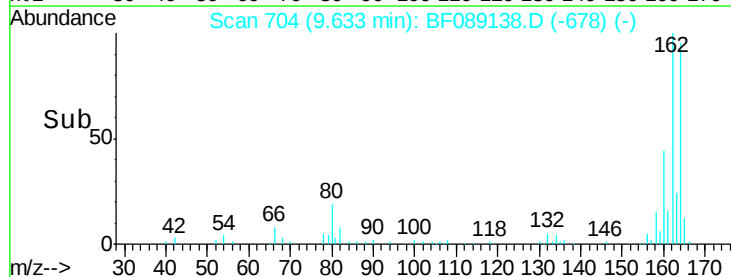
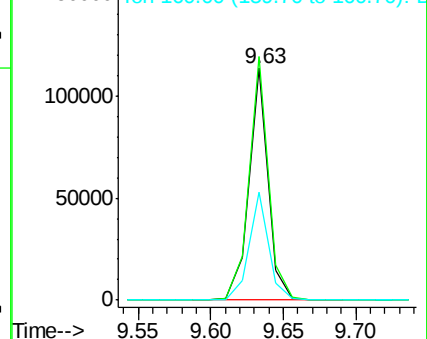
164 100

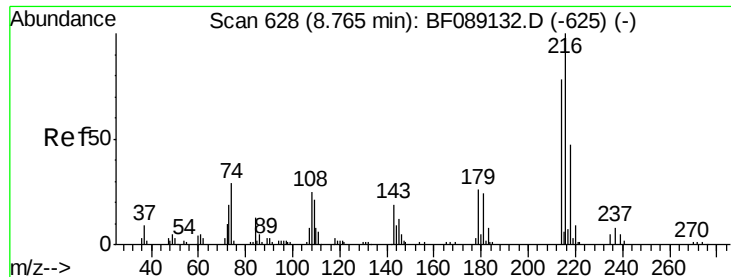
162 105.1 84.1 126.1

160 46.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.90 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 142289

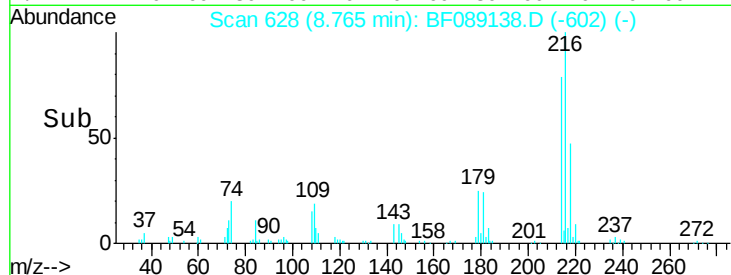
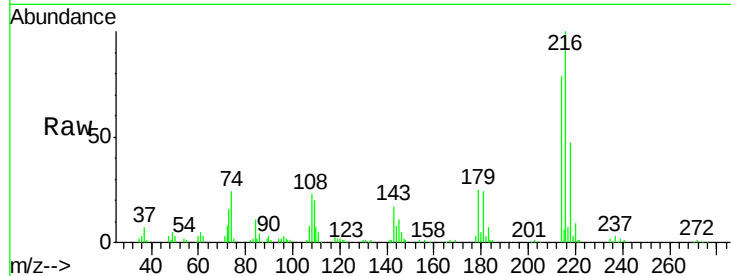
Ion Ratio Lower Upper

216 100

214 78.8 61.9 92.9

179 23.7 18.4 27.6

108 21.6 17.0 25.6

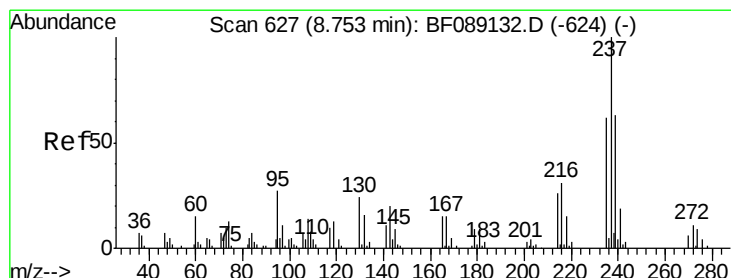
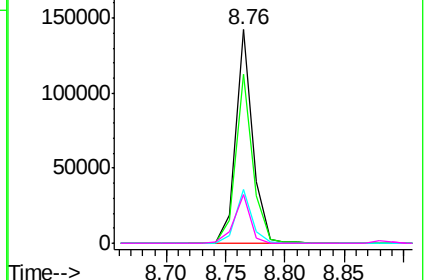


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.21 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

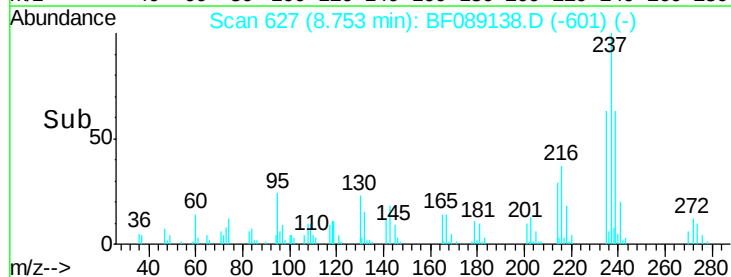
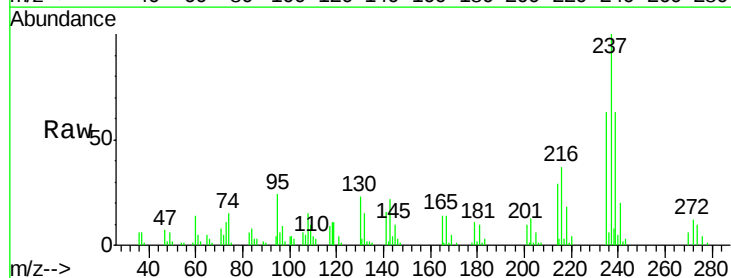
Tgt Ion:237 Resp: 42950

Ion Ratio Lower Upper

237 100

235 62.8 42.1 82.1

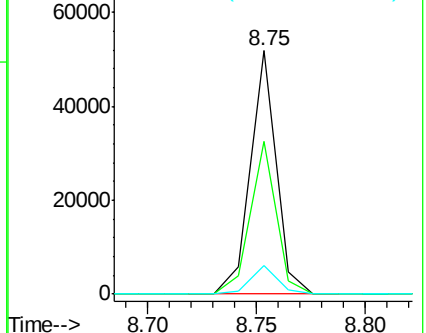
272 11.7 0.0 31.4

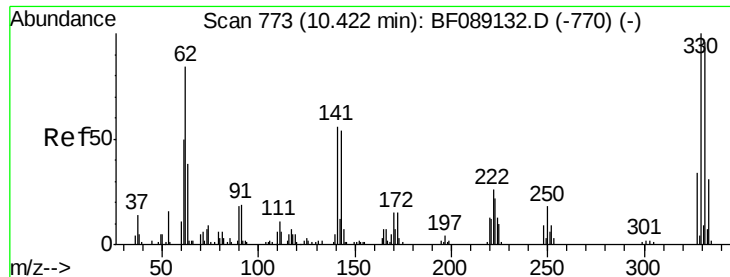


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

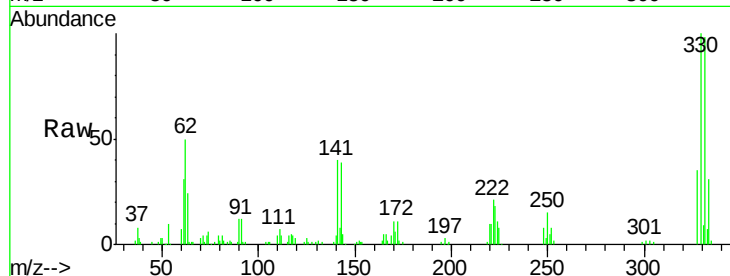




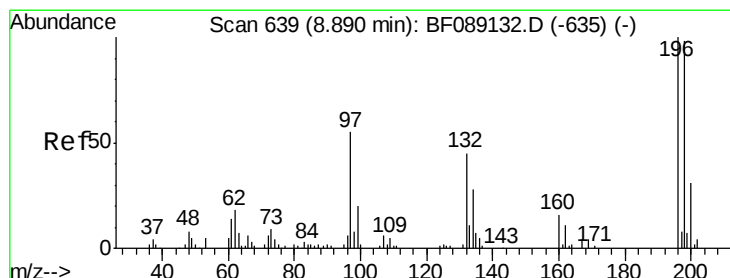
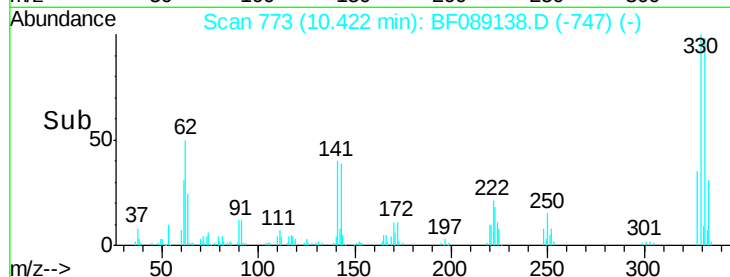
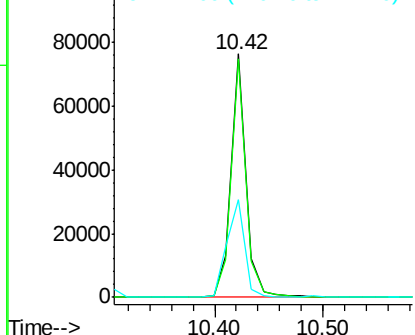
#41
 2,4,6-Tribromophenol
 Concen: 77.66 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 72536
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.2 115.8
 141 47.5 42.2 63.2

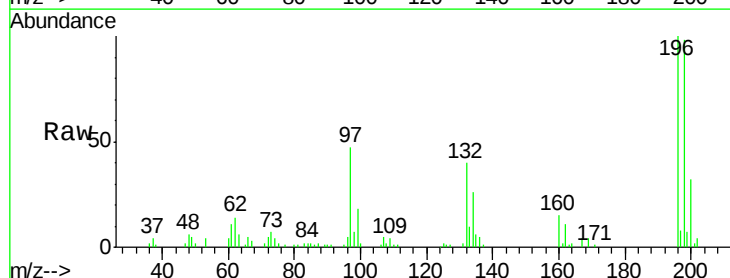


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

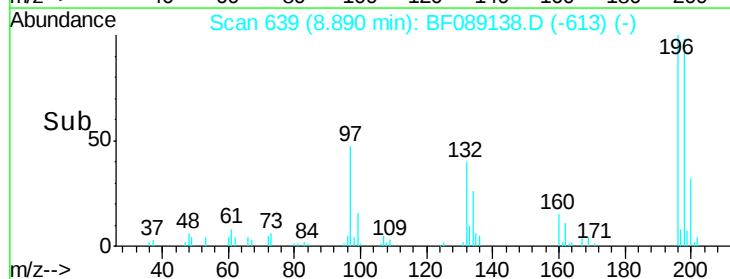
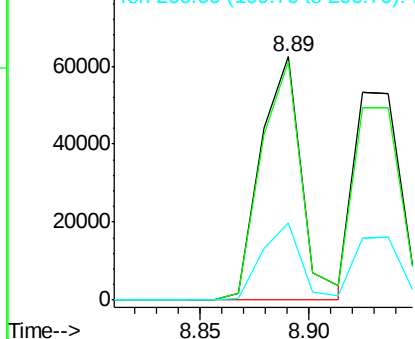


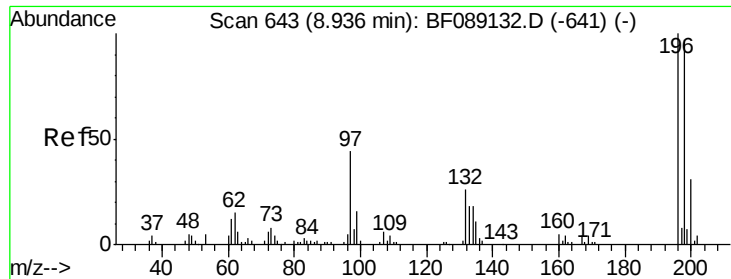
#42
 2,4,6-Trichlorophenol
 Concen: 37.87 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion:196 Resp: 81736
 Ion Ratio Lower Upper
 196 100
 198 98.2 78.3 117.5
 200 31.6 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

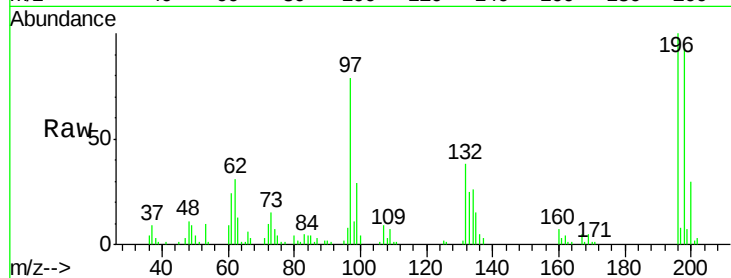




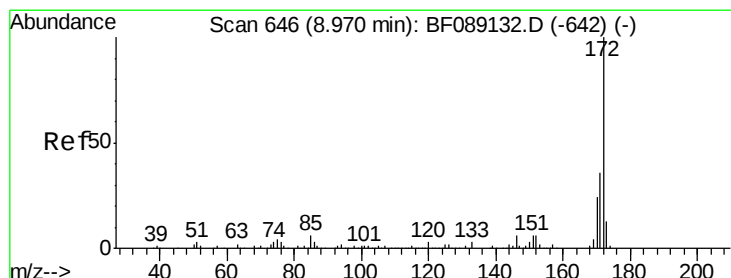
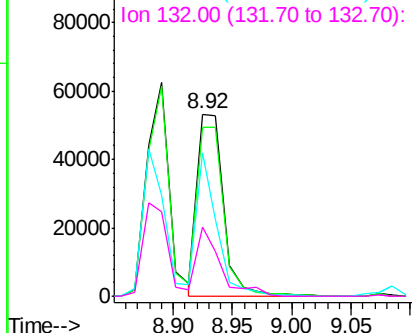
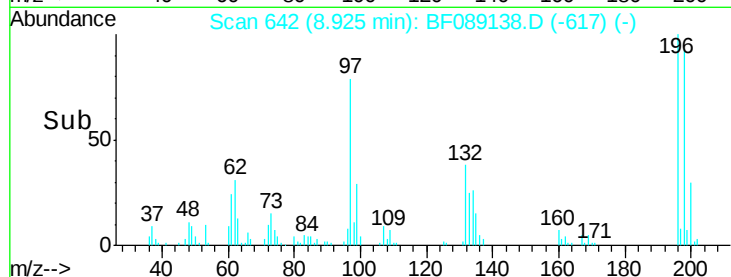
#43
 2,4,5-Trichlorophenol
 Concen: 38.35 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 83077
 Ion Ratio Lower Upper
 196 100
 198 93.2 77.6 116.4
 97 78.7 36.5 54.7#
 132 37.9 21.2 31.8#

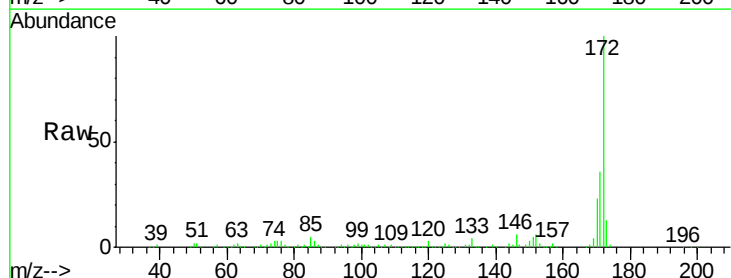


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

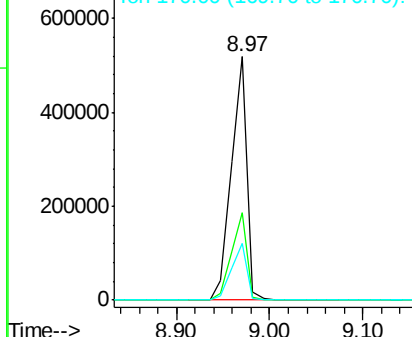
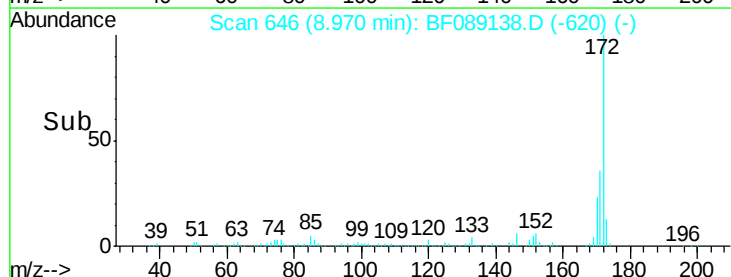


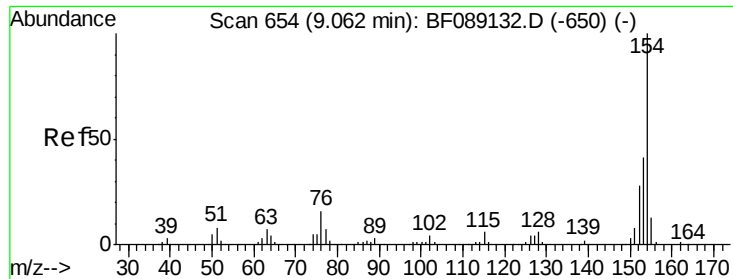
#44
 2-Fluorobiphenyl
 Concen: 80.40 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion:172 Resp: 605355
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.4 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

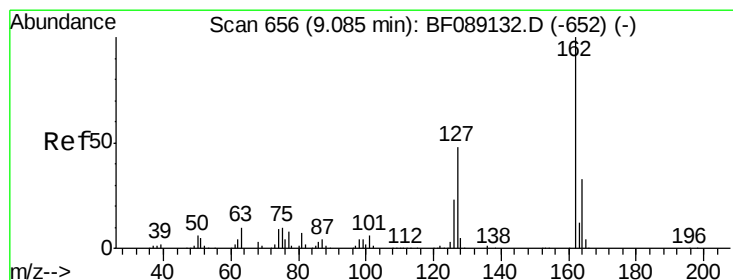
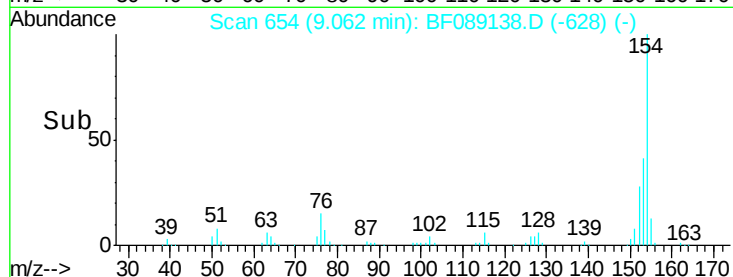
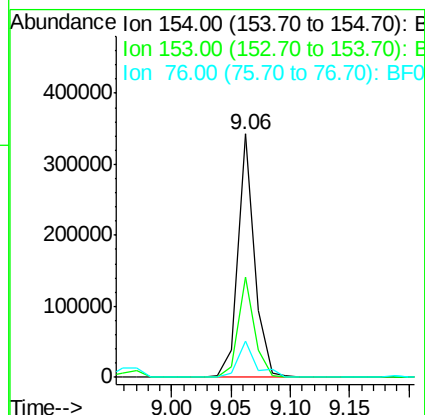
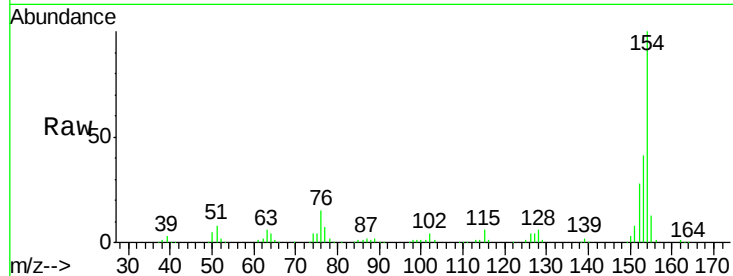




#45
 1,1'-Biphenyl
 Concen: 35.63 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

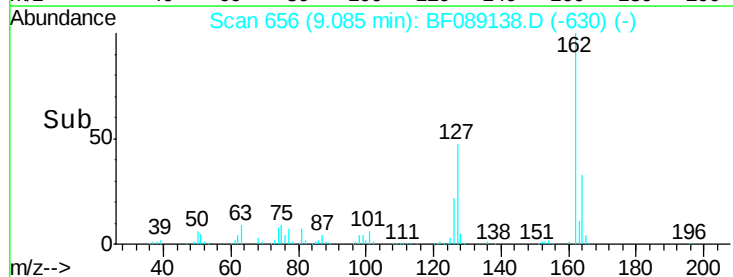
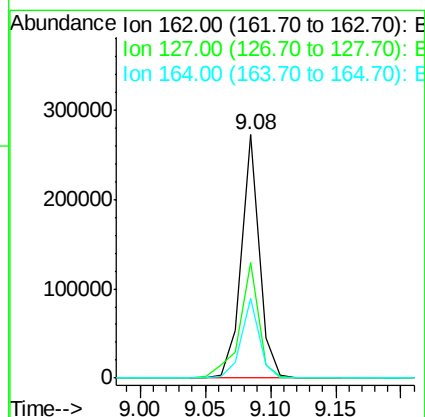
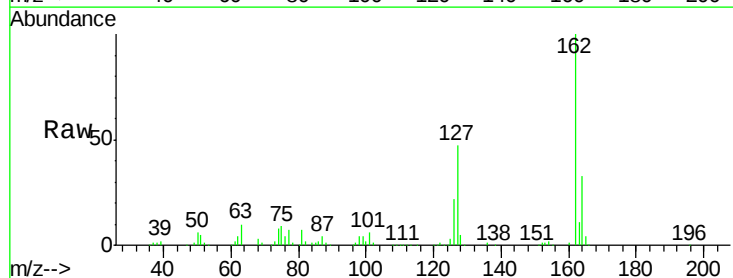
Instrument :
 BNA_F
 ClientSampleId :

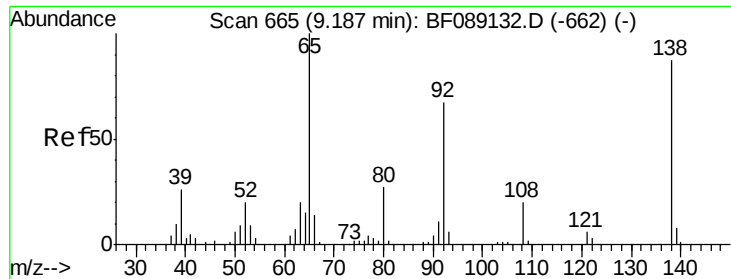
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	15.1	0.0	35.8



#46
 2-Chloronaphthalene
 Concen: 36.82 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.5	38.1	57.1
164	33.0	26.1	39.1

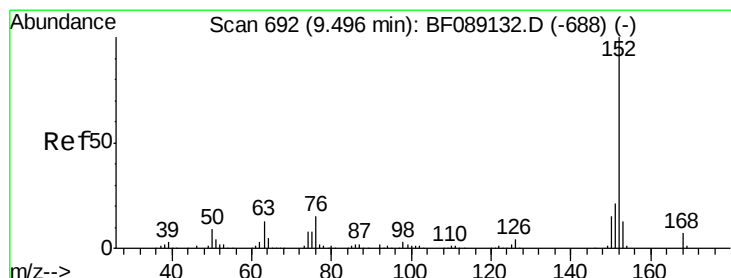
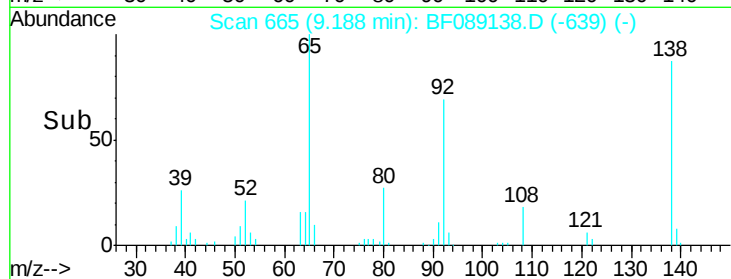
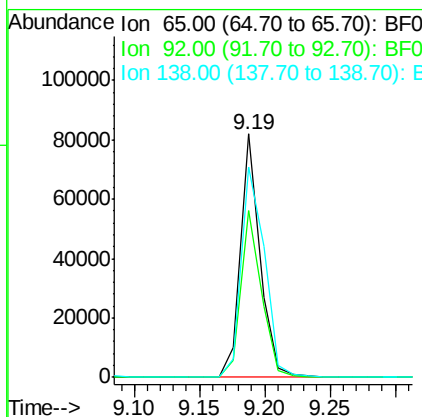
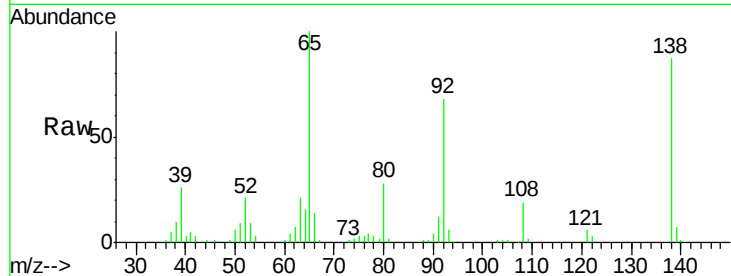




#47
2-Nitroaniline
Concen: 34.90 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

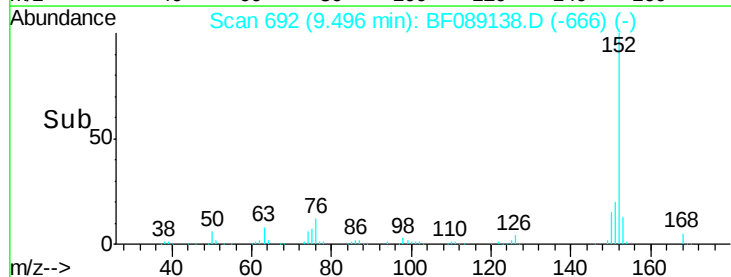
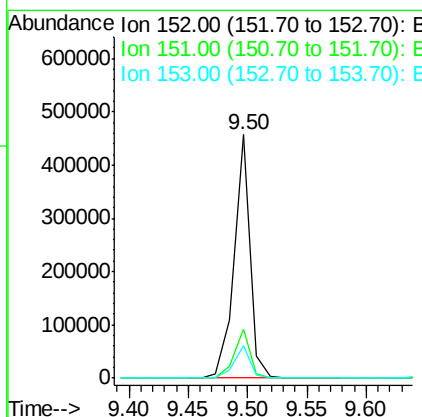
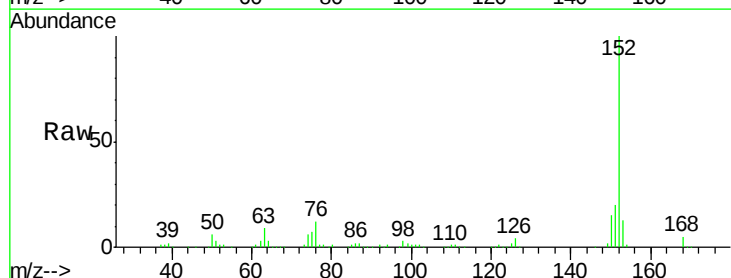
Instrument :
BNA_F
ClientSampleId :

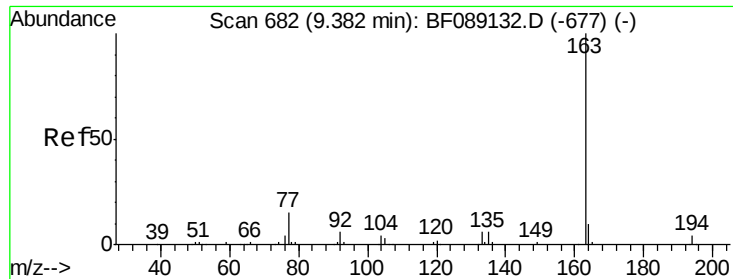
Tot Ion: 65 Resp: 84990
Ion Ratio Lower Upper
65 100
92 68.3 53.2 79.8
138 86.6 69.4 104.2



#48
Acenaphthylene
Concen: 38.30 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion: 152 Resp: 427470
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.2 10.7 16.1

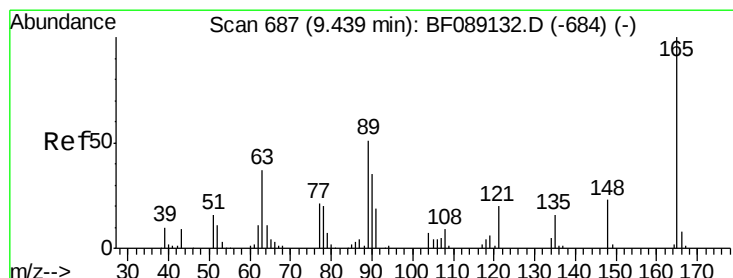
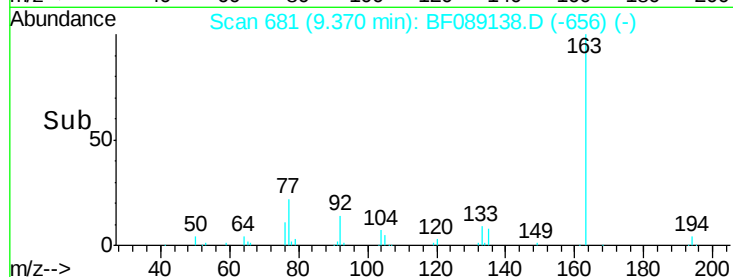
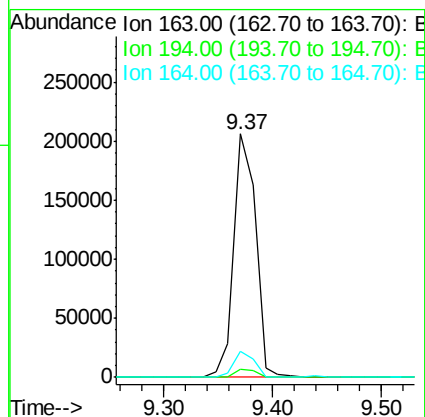
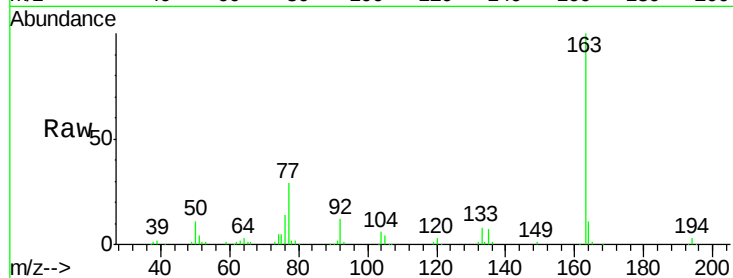




#49
Dimethylphthalate
Concen: 35.79 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

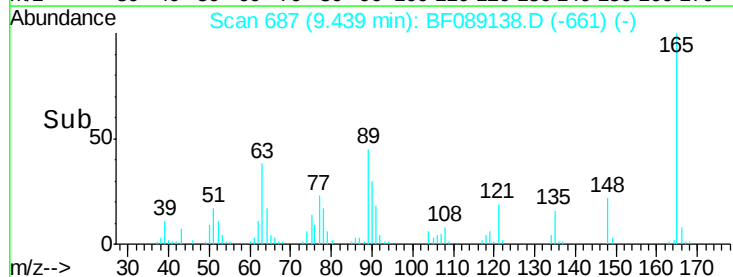
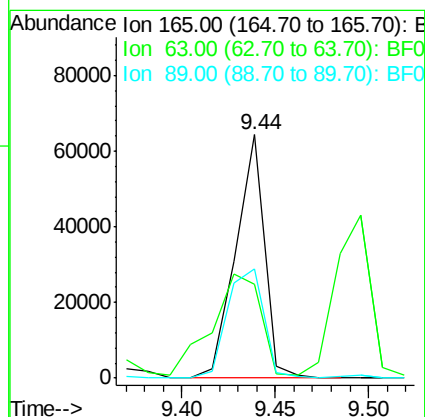
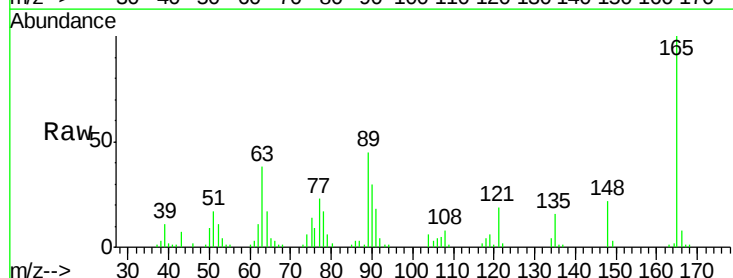
Instrument :
BNA_F
ClientSampleId :

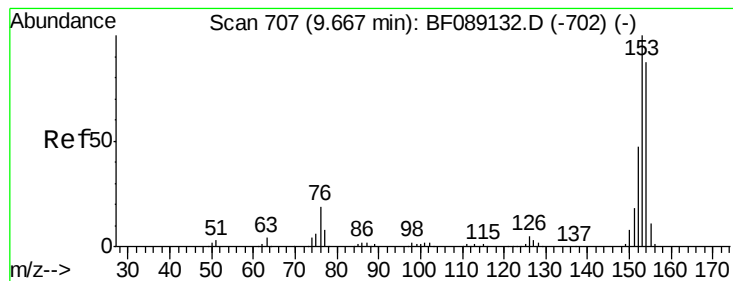
Tot Ion:163 Resp: 284934
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.5 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 38.87 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:165 Resp: 69865
Ion Ratio Lower Upper
165 100
63 38.3 37.0 55.4
89 44.9 40.9 61.3





#51

Acenaphthene

Concen: 38.78 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

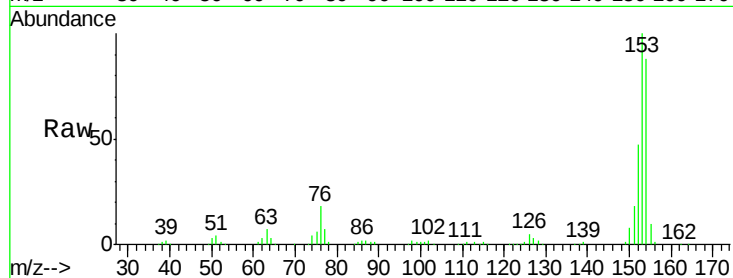
Tot Ion:154 Resp: 256093

Ion Ratio Lower Upper

154 100

153 114.2 91.9 137.9

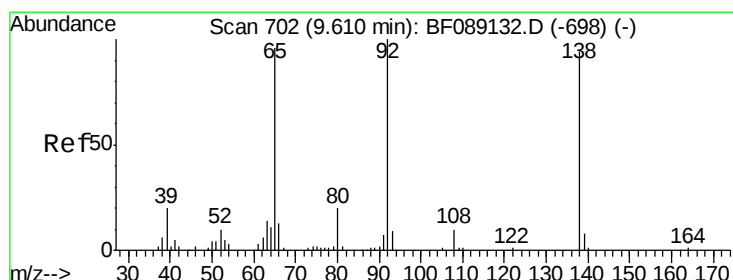
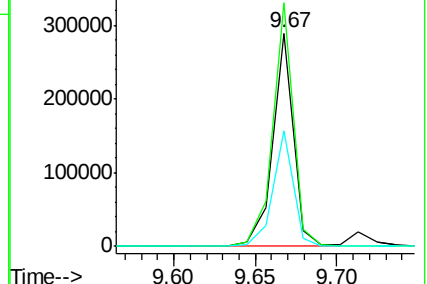
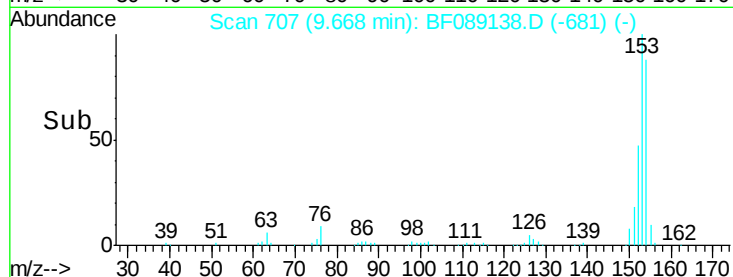
152 54.0 42.8 64.2



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: 36.19 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

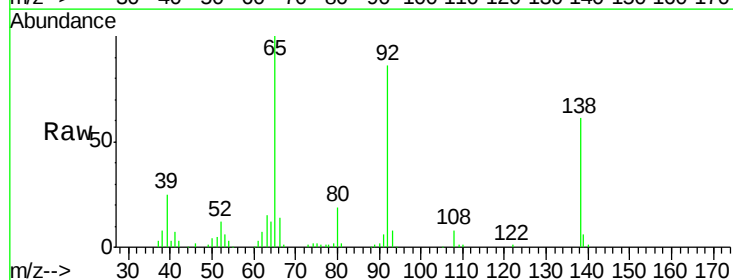
Tgt Ion:138 Resp: 77251

Ion Ratio Lower Upper

138 100

108 13.2 8.8 13.2

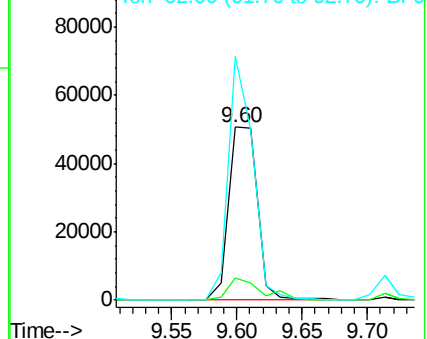
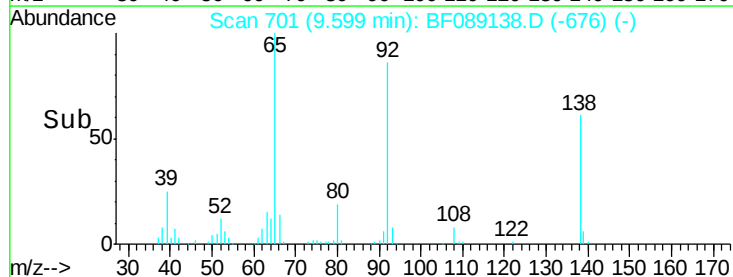
92 140.8 85.3 127.9#

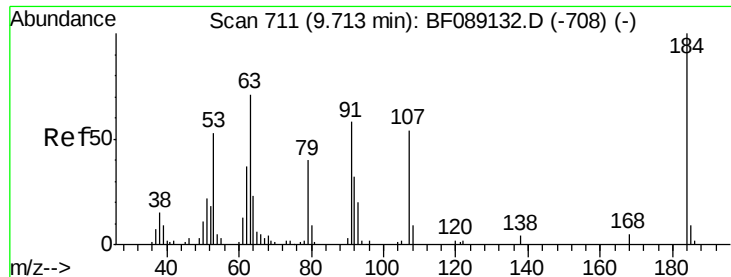


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

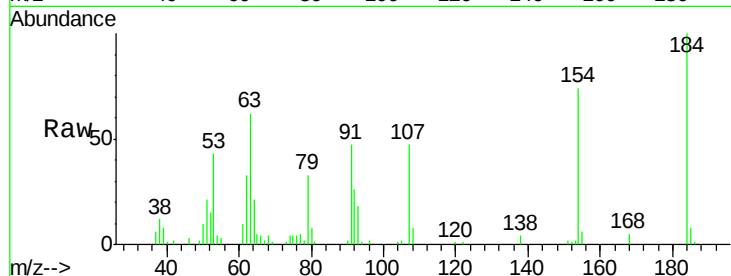




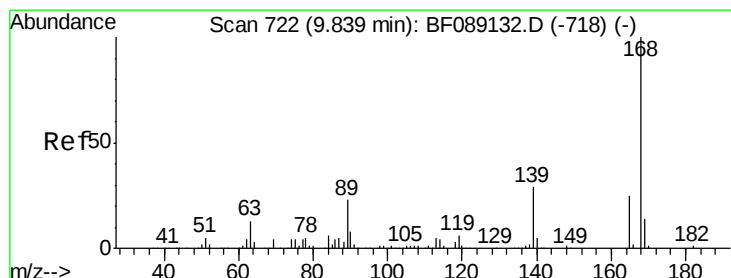
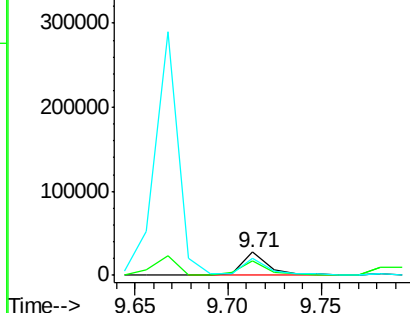
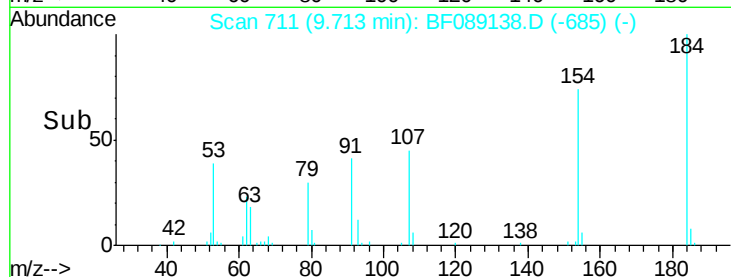
#53
2,4-Dinitrophenol
Concen: 36.00 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 28179
Ion Ratio Lower Upper
184 100
63 61.7 60.3 90.5
154 73.7 60.7 91.1

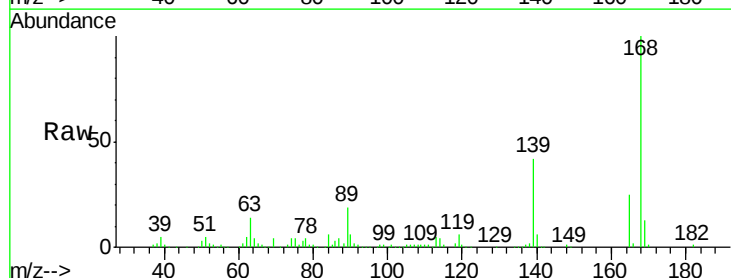


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

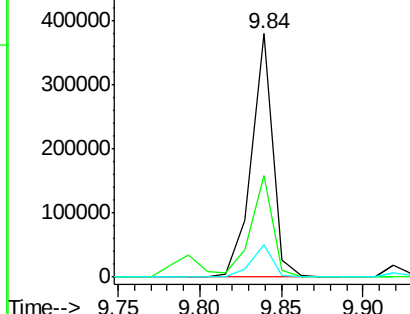
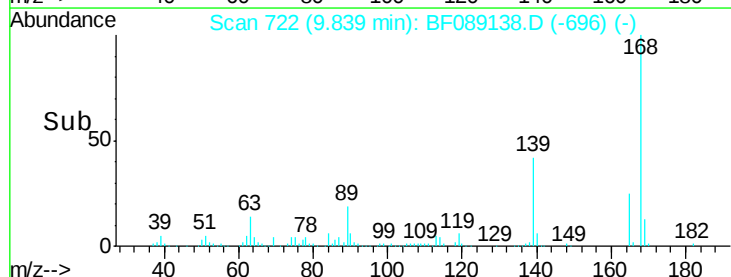


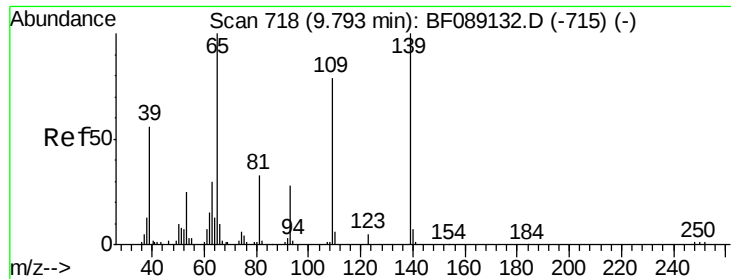
#54
Dibenzofuran
Concen: 38.67 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:168 Resp: 344999
Ion Ratio Lower Upper
168 100
139 41.6 34.4 51.6
169 13.2 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: 37.15 ng

RT: 9.79 min Scan# 718

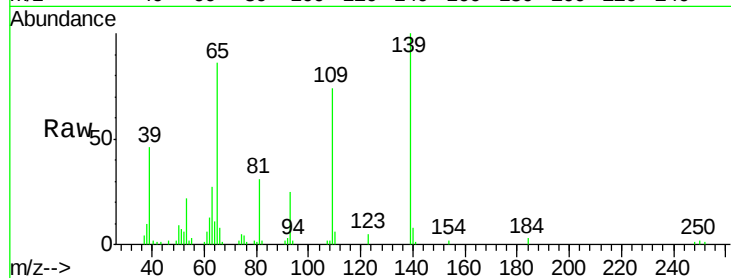
Delta R.T. 0.00 min

Lab File: BF089138.D

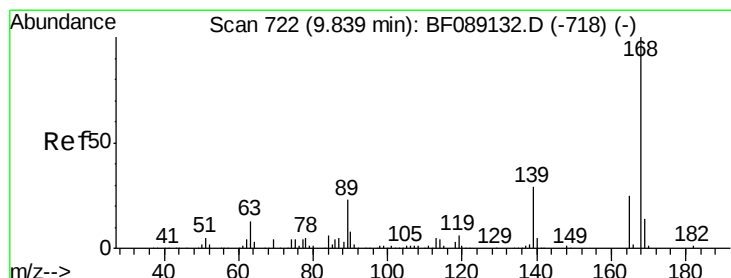
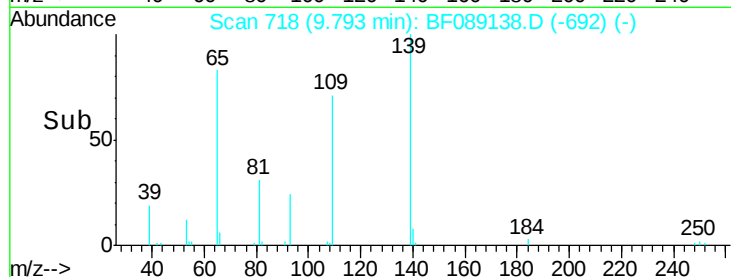
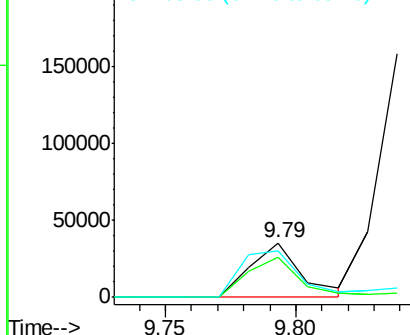
Acq: 20 Jul 2016 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139	Resp:	47977
Ion	Ratio	Lower Upper
139	100	
109	74.4	58.7 98.7
65	86.1	80.2 120.2



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



#56

2,4-Dinitrotoluene

Concen: 39.79 ng

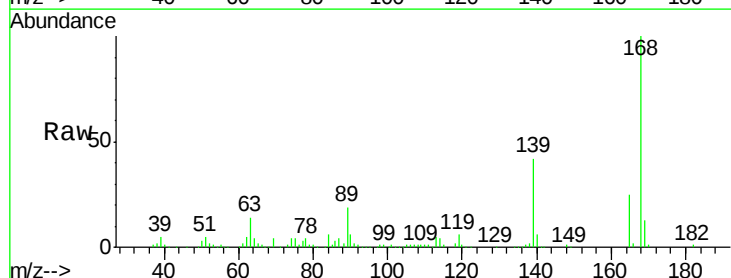
RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

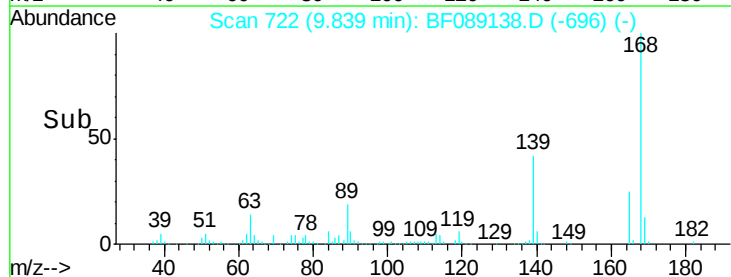
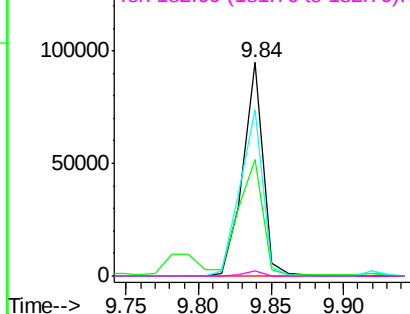
Lab File: BF089138.D

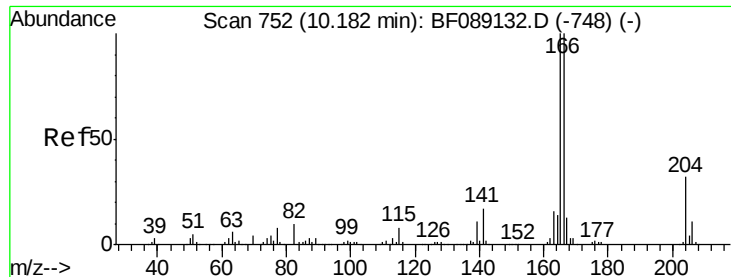
Acq: 20 Jul 2016 18:23

Tgt Ion:165	Resp:	92112
Ion	Ratio	Lower Upper
165	100	
63	54.3	55.4 83.2#
89	78.2	74.3 111.5
182	2.5	2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

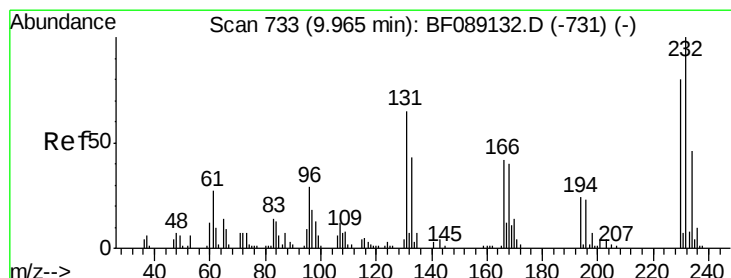
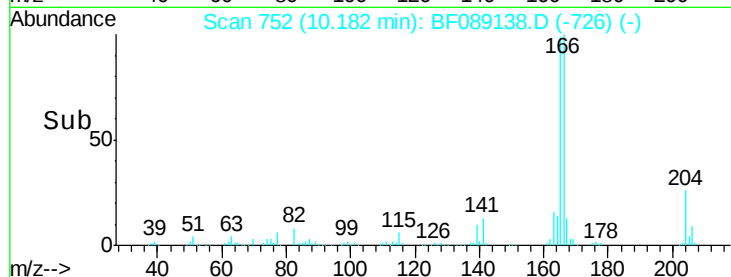
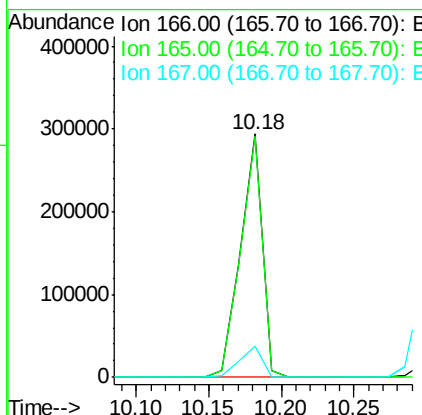
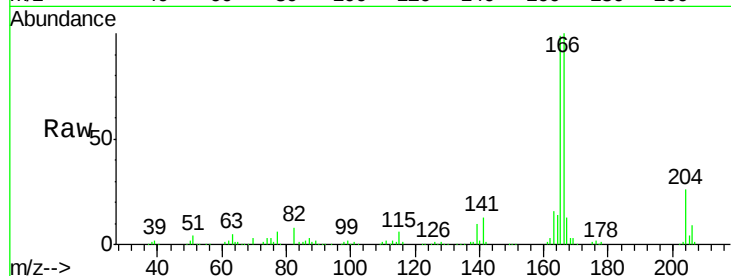




#57
Fluorene
 Concen: 40.52 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

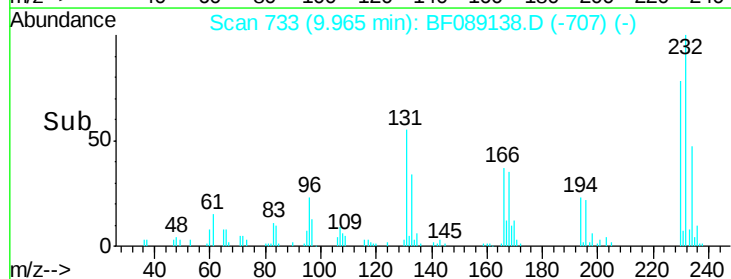
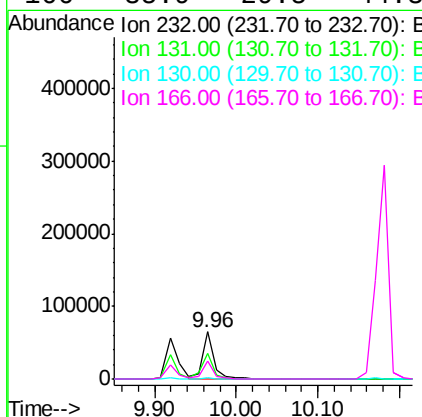
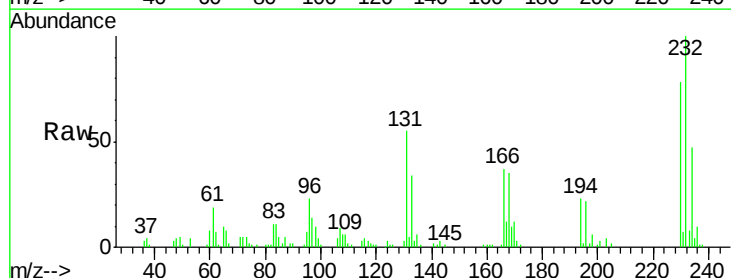
Instrument :
 BNA_F
 ClientSampleId :

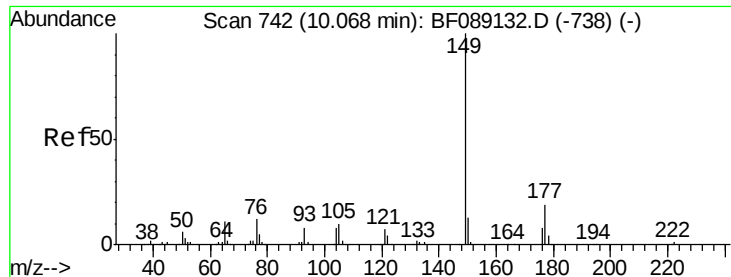
Tot Ion:166 Resp: 306863
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.9 119.9
 167 12.6 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.29 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion:232 Resp: 64239
 Ion Ratio Lower Upper
 232 100
 131 56.3 46.2 69.2
 130 2.9 2.3 3.5
 166 35.9 29.5 44.3

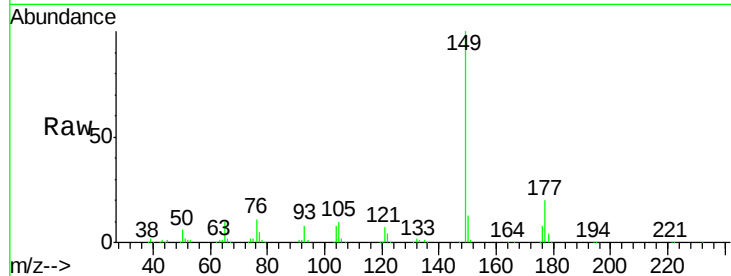




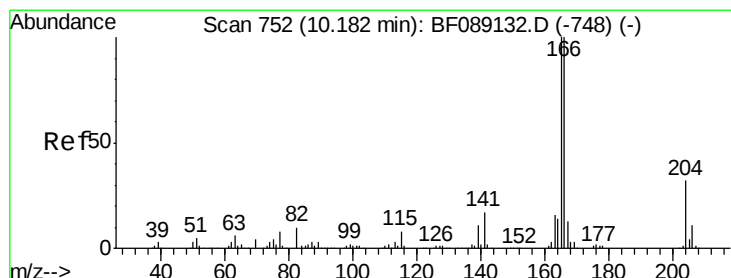
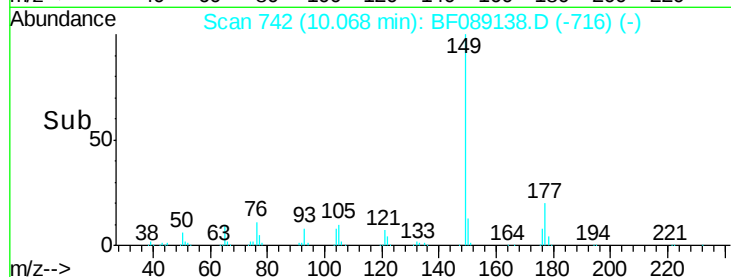
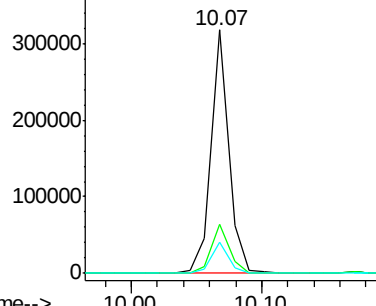
#59
Diethylphthalate
Concen: 37.90 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 299149
Ion Ratio Lower Upper
149 100
177 19.9 15.6 23.4
150 12.6 10.1 15.1

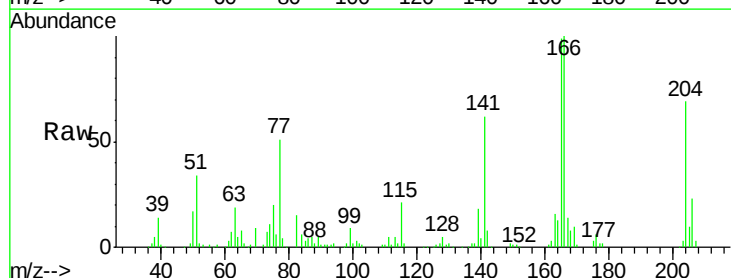


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

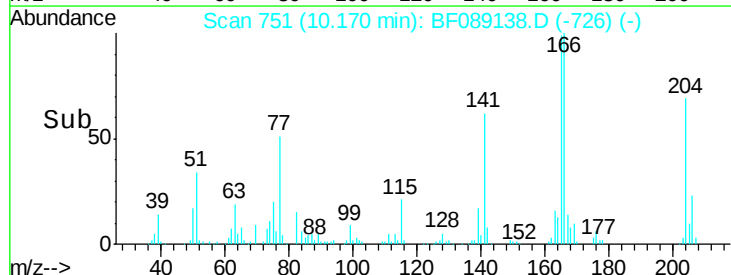
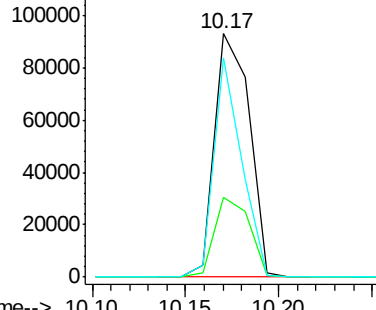


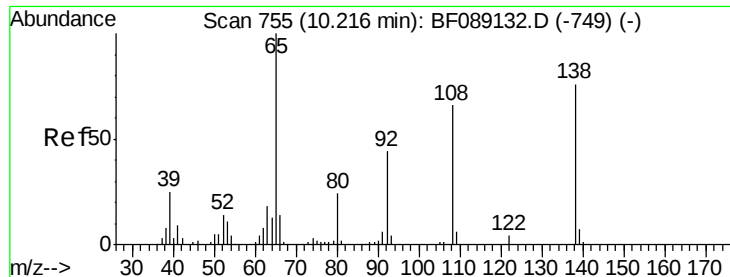
#60
4-Chlorophenyl-phenylether
Concen: 34.81 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:204 Resp: 120361
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 90.3 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

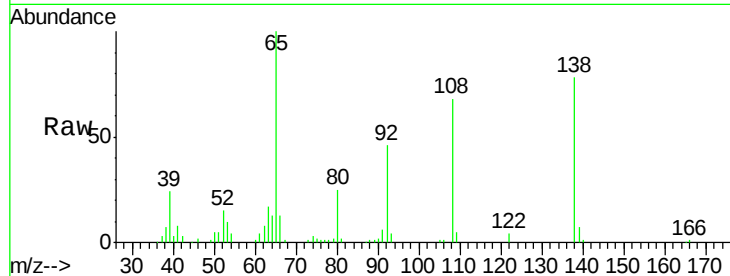




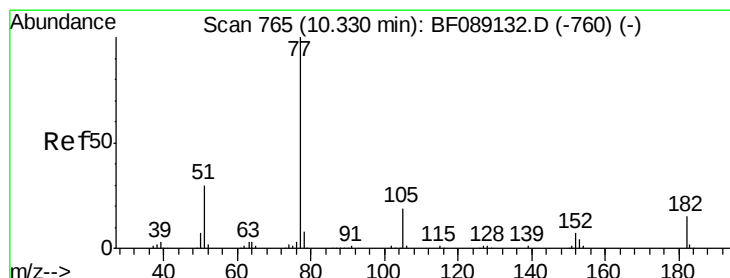
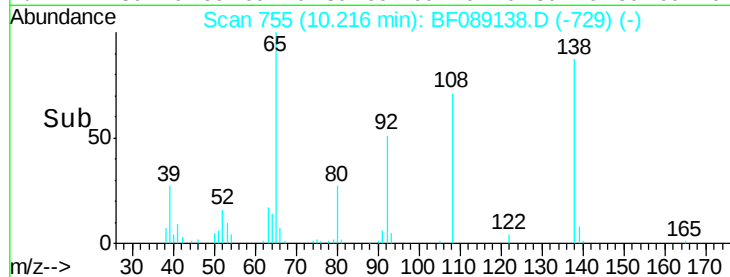
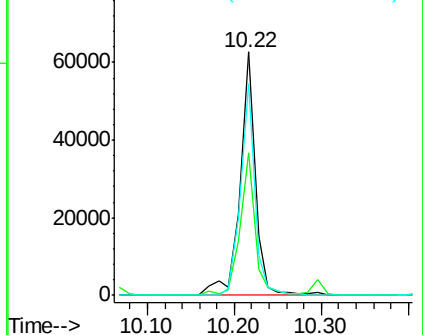
#61
4-Nitroaniline
Concen: 36.90 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 76625
Ion Ratio Lower Upper
138 100
92 58.7 37.2 77.2
108 86.7 66.1 106.1

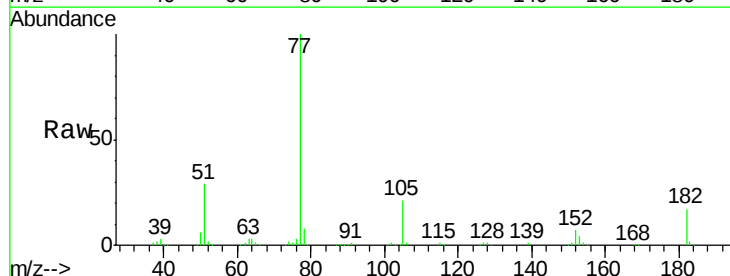


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

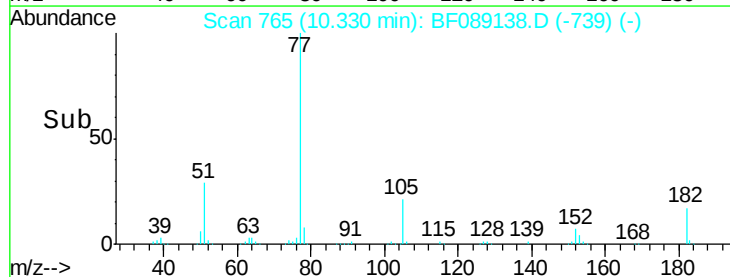
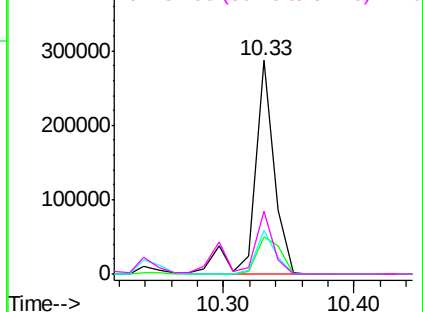


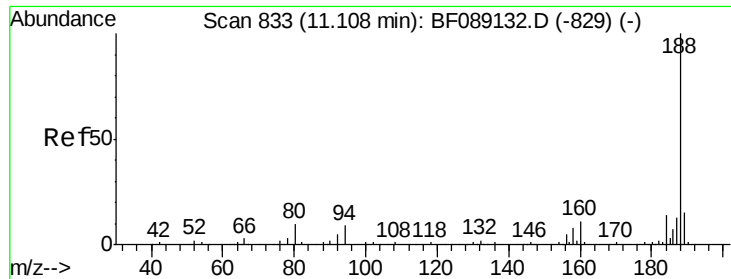
#62
Azobenzene
Concen: 35.80 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion: 77 Resp: 307171
Ion Ratio Lower Upper
77 100
182 17.4 0.0 35.0
105 20.6 0.0 39.4
51 29.5 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

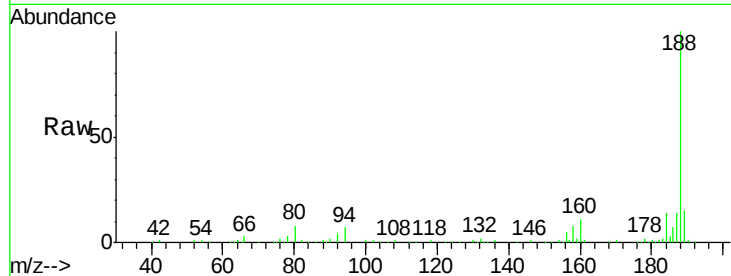




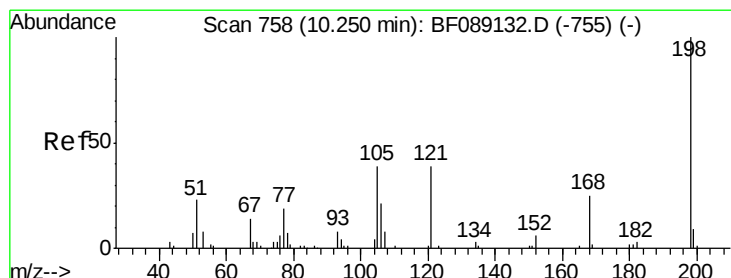
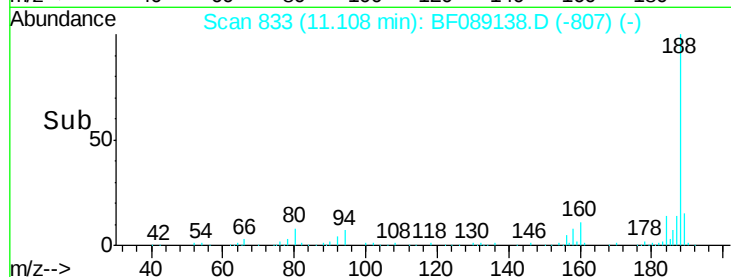
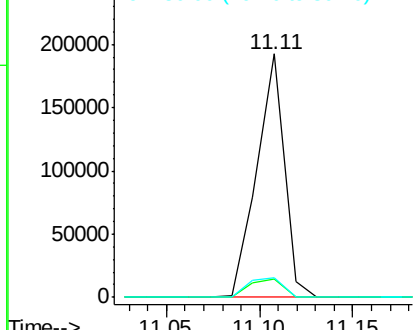
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 196473
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 8.3 7.7 11.5

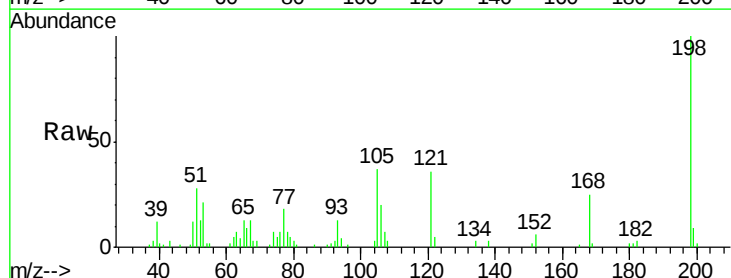


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

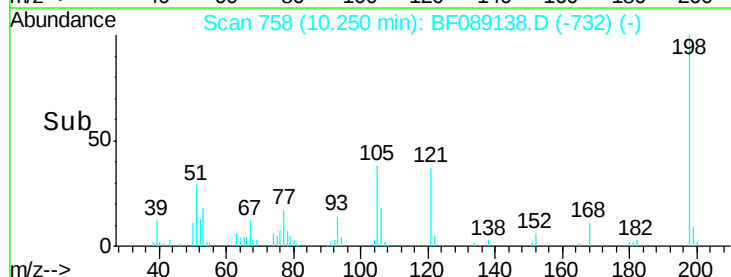
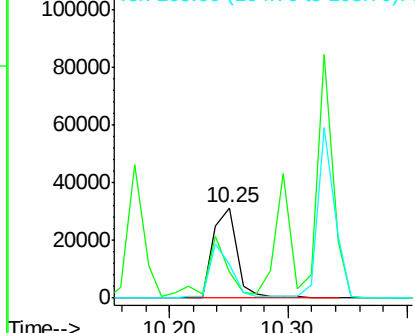


#64
4,6-Dinitro-2-methylphenol
Concen: 38.50 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:198 Resp: 44036
Ion Ratio Lower Upper
198 100
51 28.4 11.7 51.7
105 37.3 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: 38.78 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

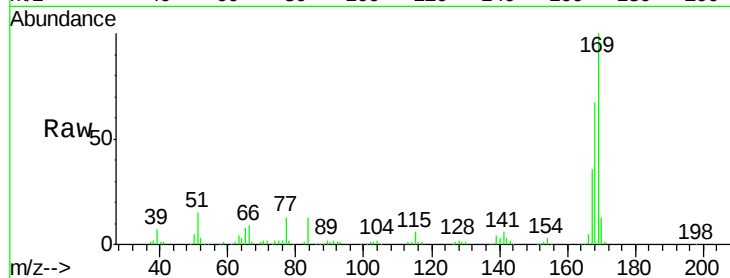
Tot Ion:169 Resp: 254652

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.0

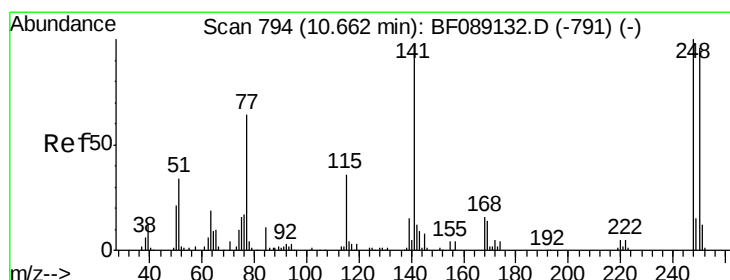
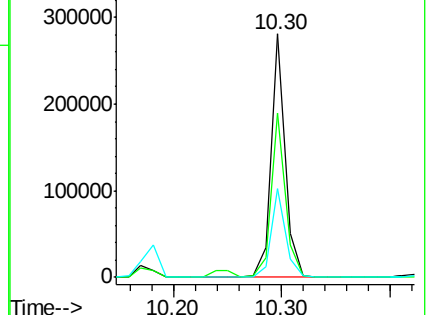
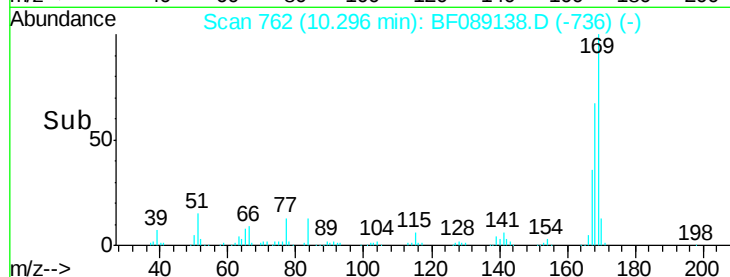
167 36.5 29.5 44.3



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: 40.75 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

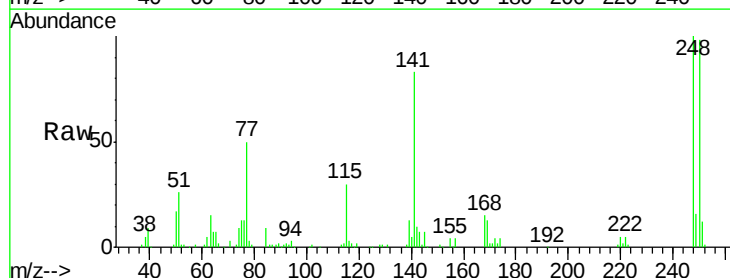
Tgt Ion:248 Resp: 79227

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

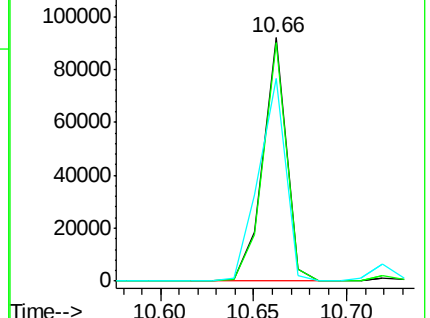
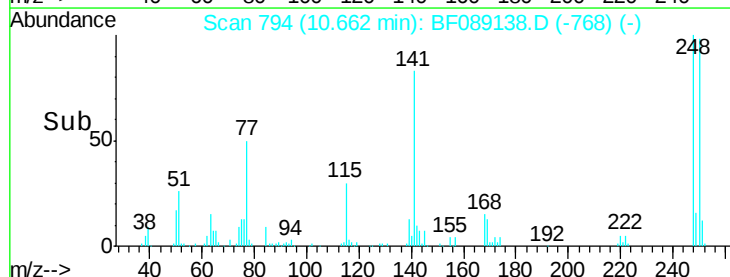
141 83.1 77.4 116.2

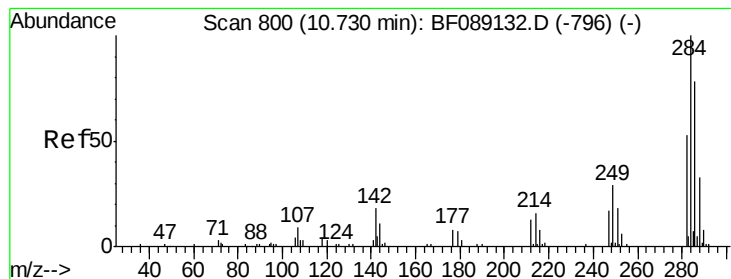


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.83 ng

RT: 10.72 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

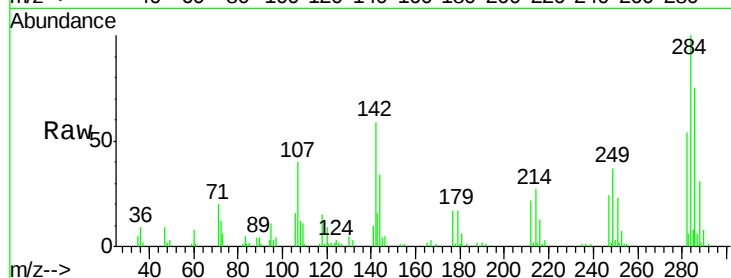
Tot Ion:284 Resp: 74918

Ion Ratio Lower Upper

284 100

142 59.4 14.1 21.1#

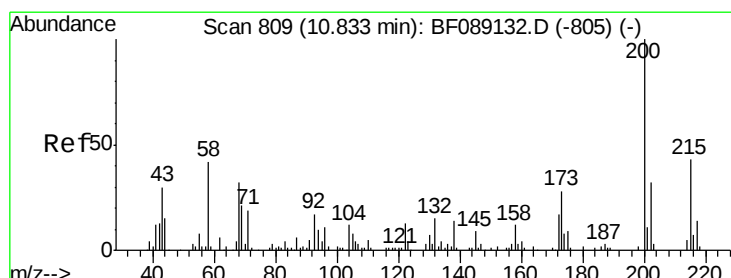
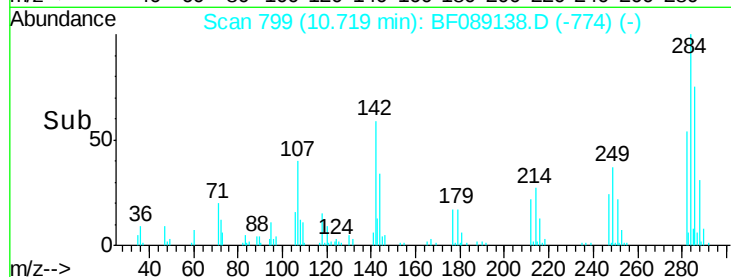
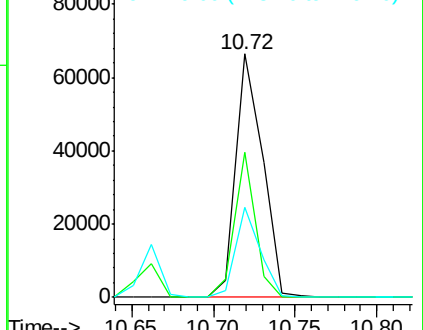
249 36.9 23.0 34.4#



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: 42.26 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

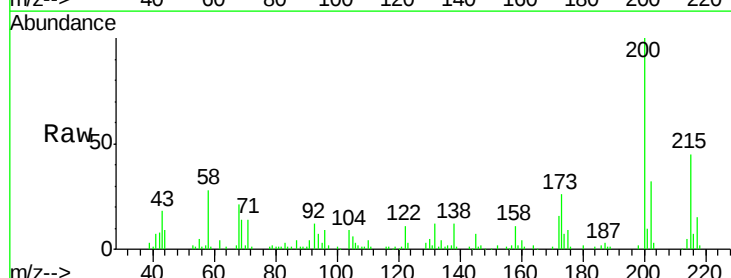
Tgt Ion:200 Resp: 86784

Ion Ratio Lower Upper

200 100

173 26.4 7.8 47.8

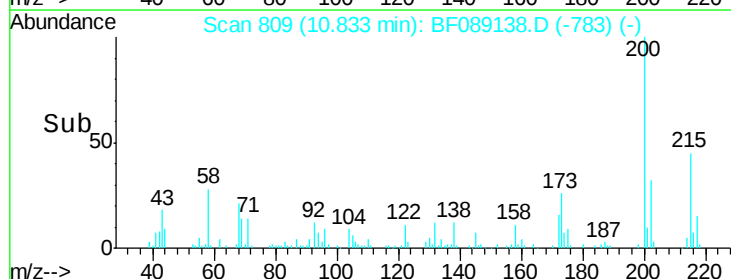
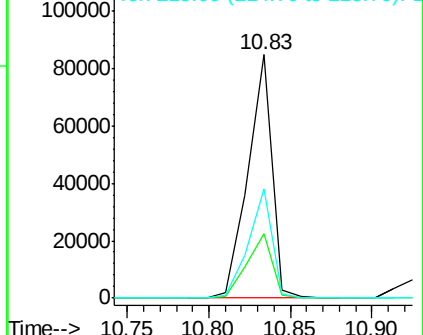
215 45.0 22.9 62.9

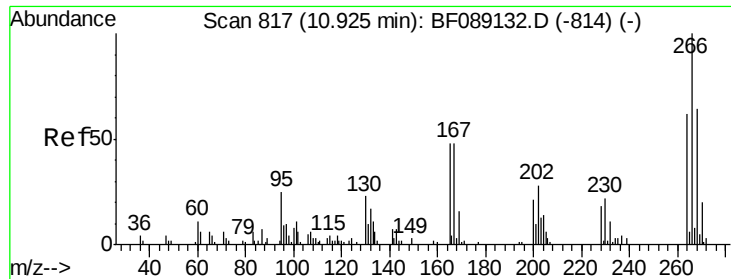


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

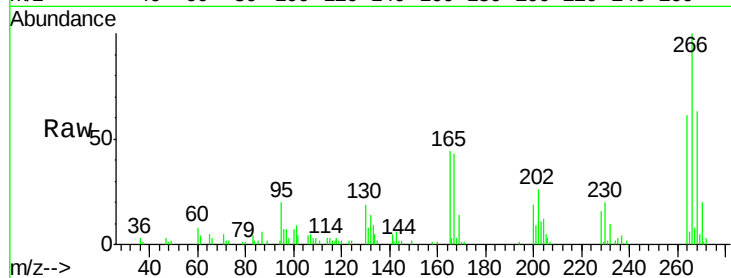




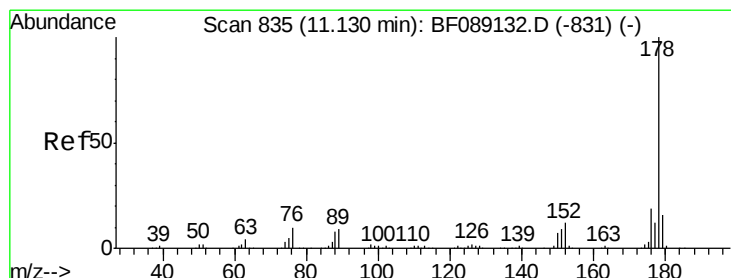
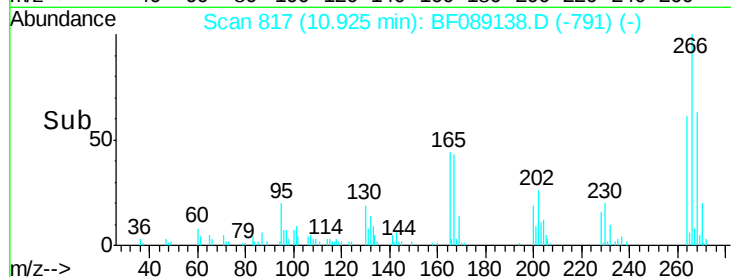
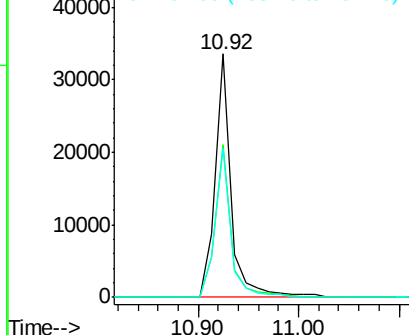
#69
 Pentachlorophenol
 Concen: 38.33 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 36979
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.2 76.8
 264 61.0 49.7 74.5

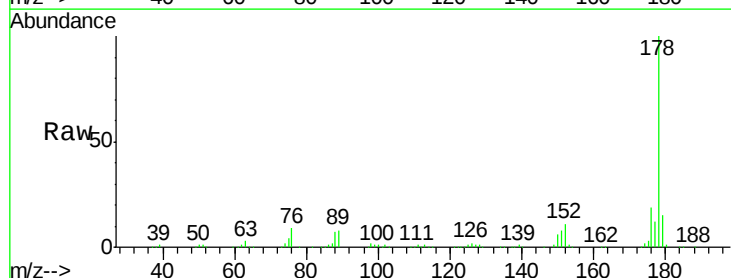


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

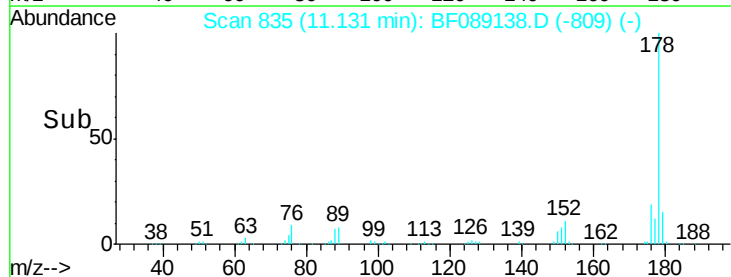
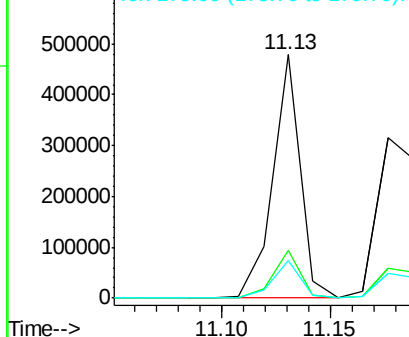


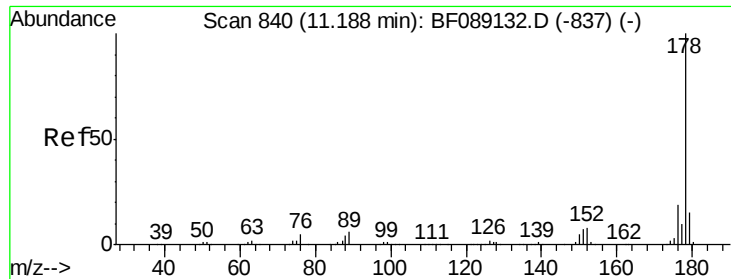
#70
 Phenanthrene
 Concen: 39.44 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion:178 Resp: 425091
 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

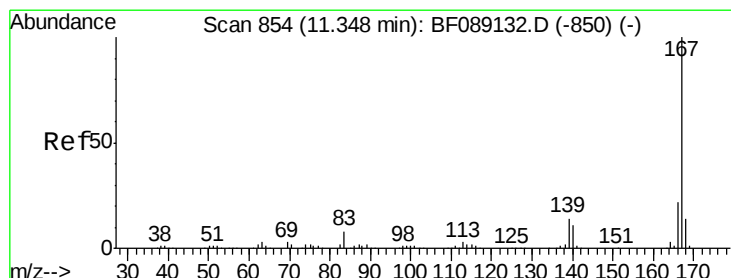
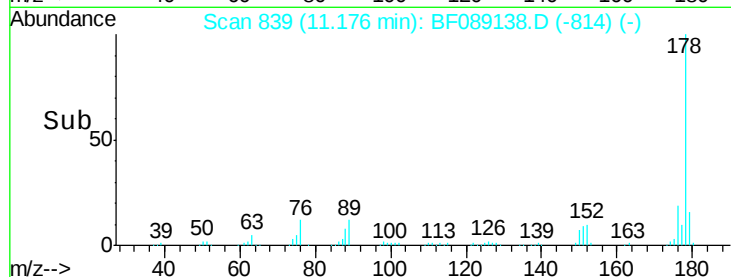
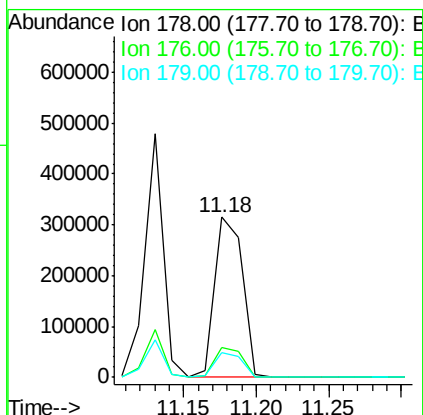
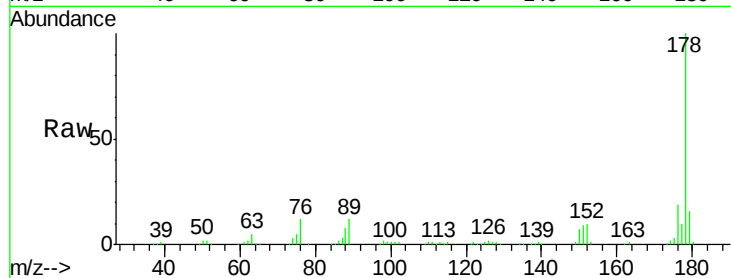




#71
 Anthracene
 Concen: 37.33 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

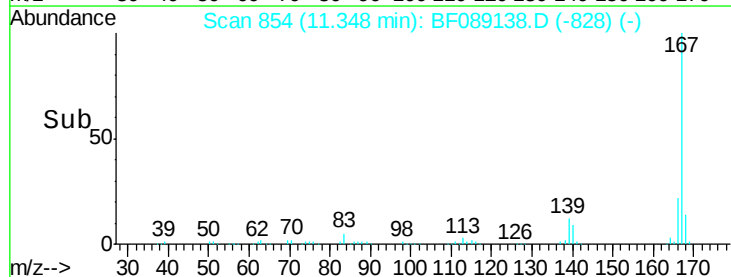
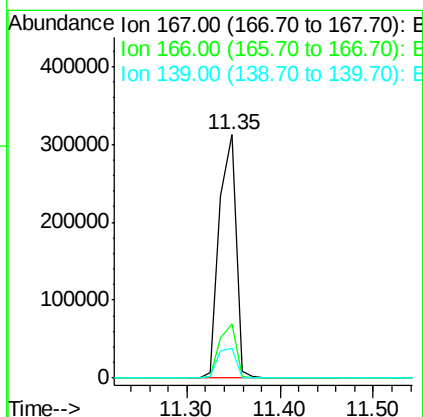
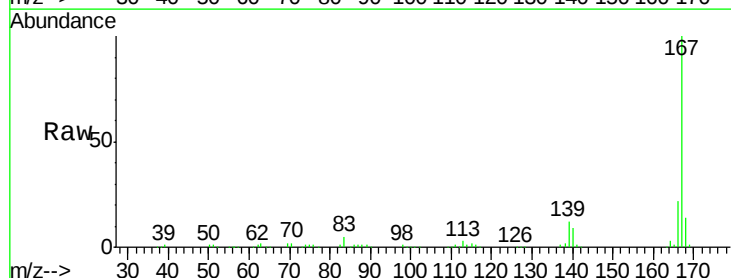
Instrument :
 BNA_F
 ClientSampleId :

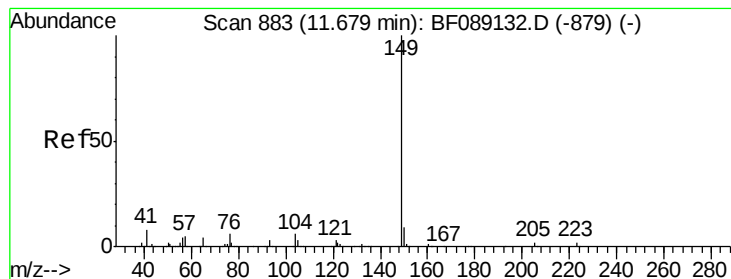
Tot Ion:178 Resp: 418171
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.8 12.0 18.0



#72
 Carbazole
 Concen: 39.57 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion:167 Resp: 389407
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 12.2 11.0 16.4





#73

Di-n-butylphthalate

Concen: 37.12 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

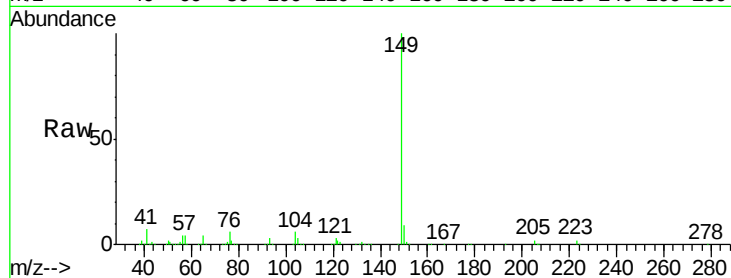
Tot Ion:149 Resp: 451801

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

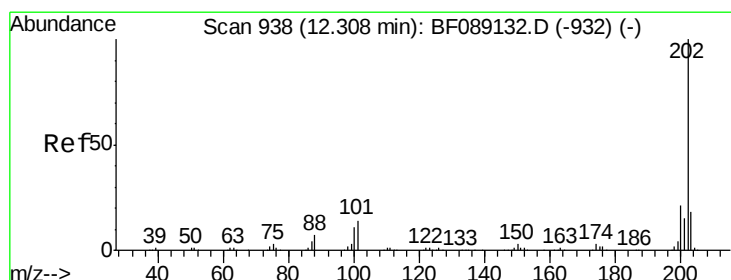
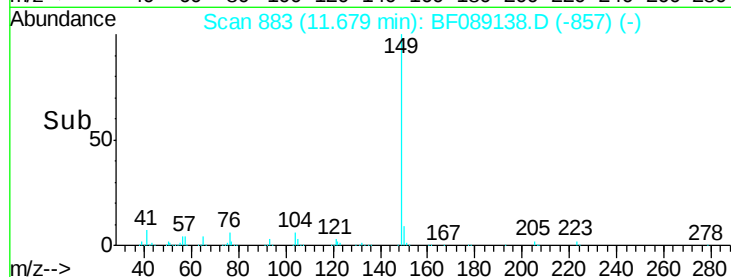
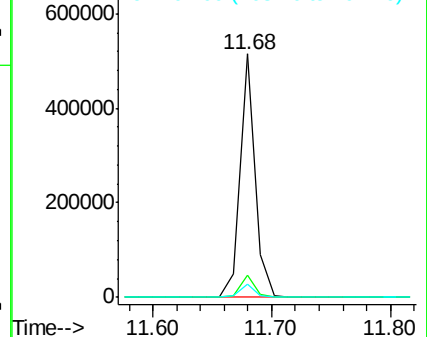
104 5.5 4.6 6.8



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: 39.25 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

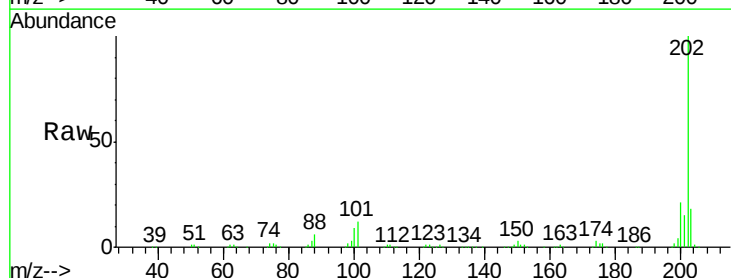
Tgt Ion:202 Resp: 444658

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.0

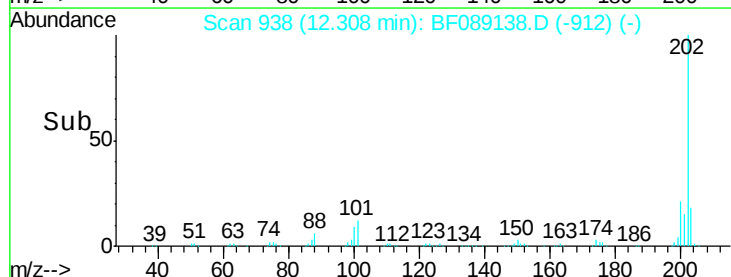
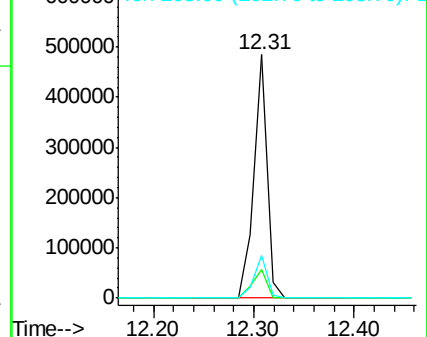
203 17.6 0.0 37.8

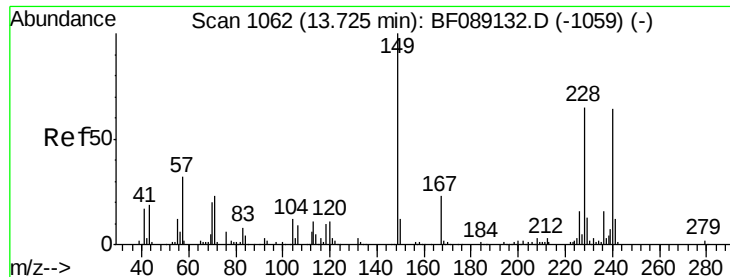


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089138.D

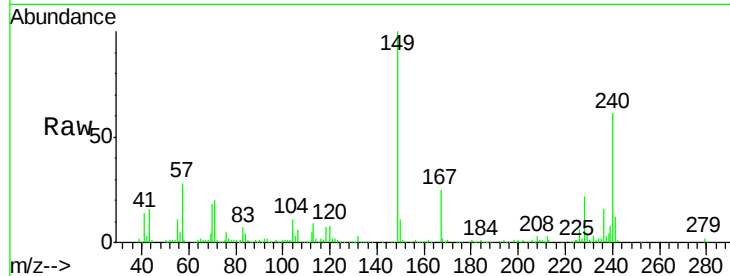
Acq: 20 Jul 2016 18:23

Instrument :

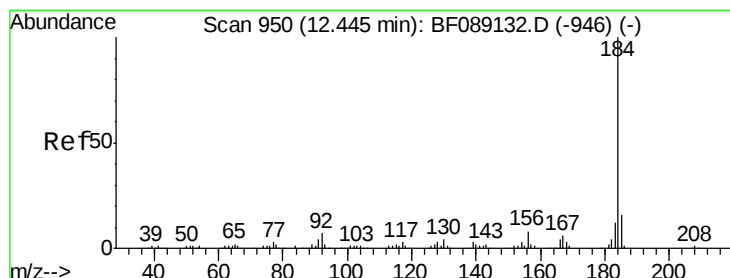
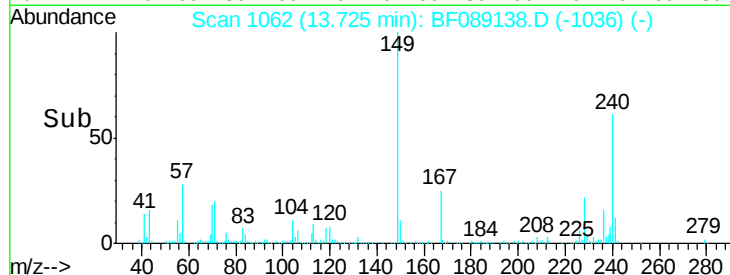
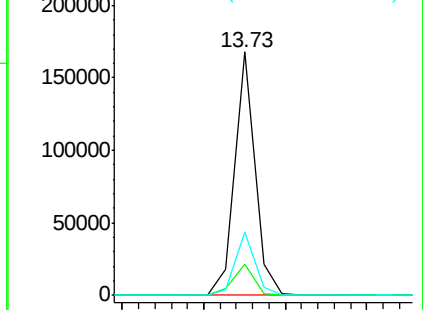
BNA_F

ClientSampled :

Tot Ion:	240	Resp:	143110
Ion	Ratio	Lower	Upper
240	100		
120	12.9	13.6	20.4#
236	26.0	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: 37.67 ng

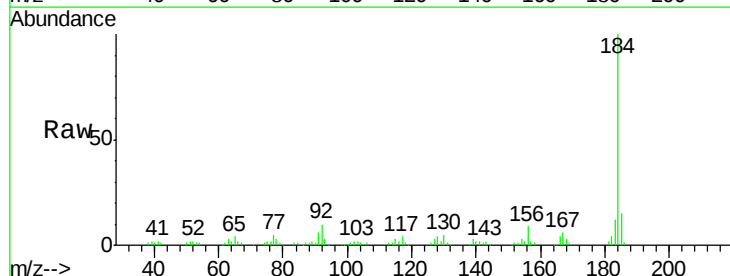
RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

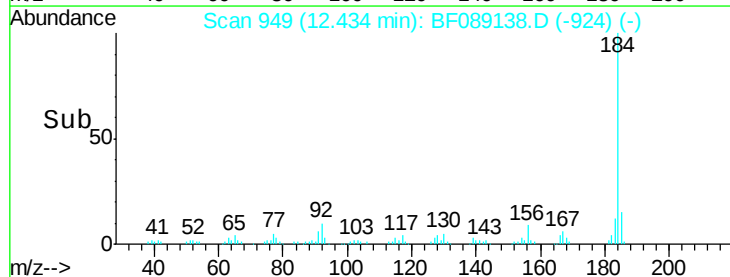
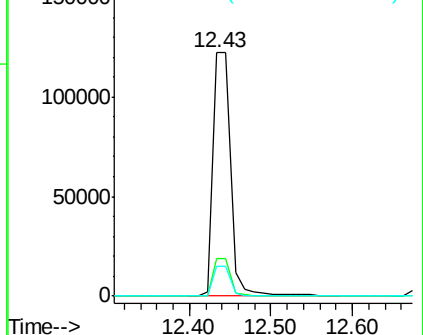
Lab File: BF089138.D

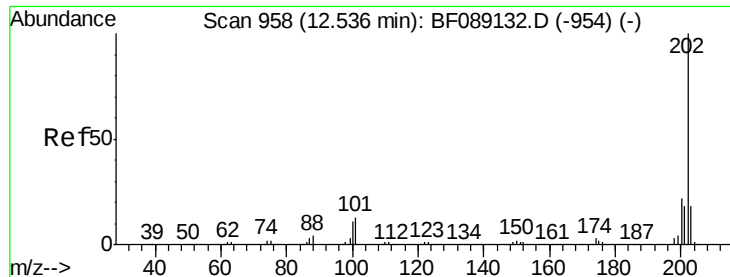
Acq: 20 Jul 2016 18:23

Tgt Ion:	184	Resp:	185331
Ion	Ratio	Lower	Upper
184	100		
185	15.3	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

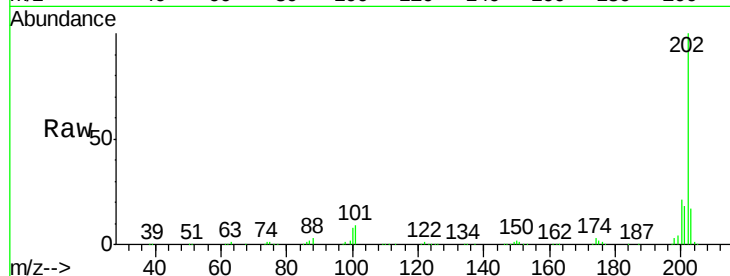




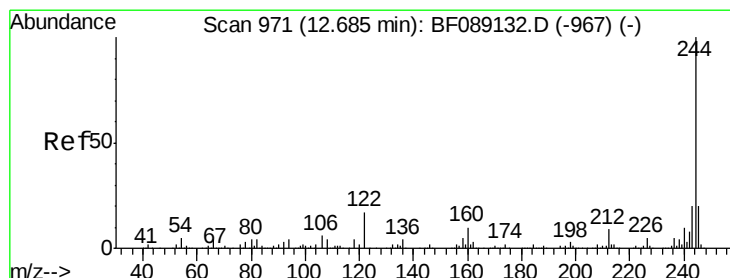
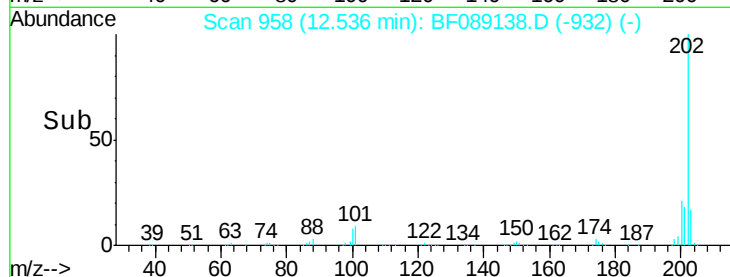
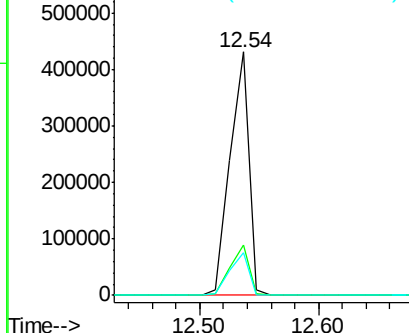
#77
Pvrene
Concen: 40.06 ng
RT: 12.54 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 473478
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.0
203 17.4 14.2 21.2

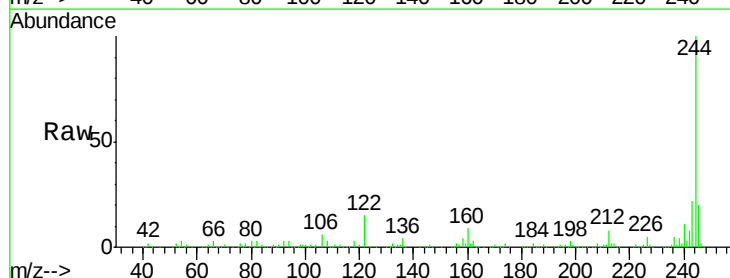


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

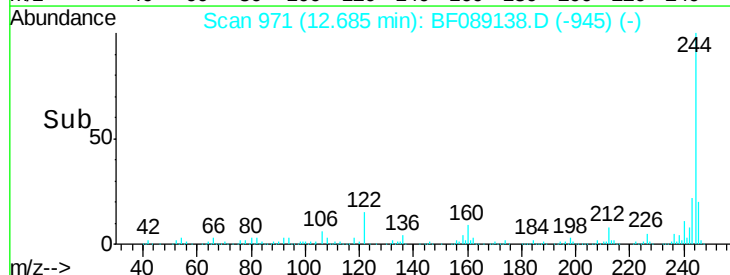
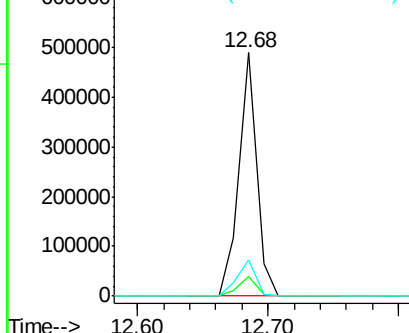


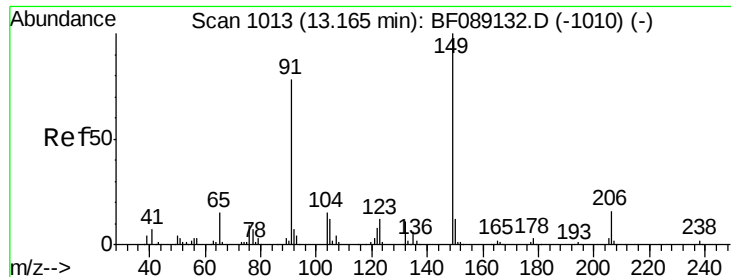
#78
Terphenyl-d14
Concen: 70.37 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:244 Resp: 464304
Ion Ratio Lower Upper
244 100
212 8.1 7.0 10.4
122 14.9 13.8 20.8



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

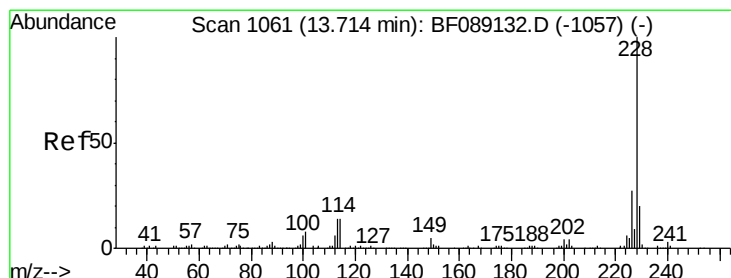
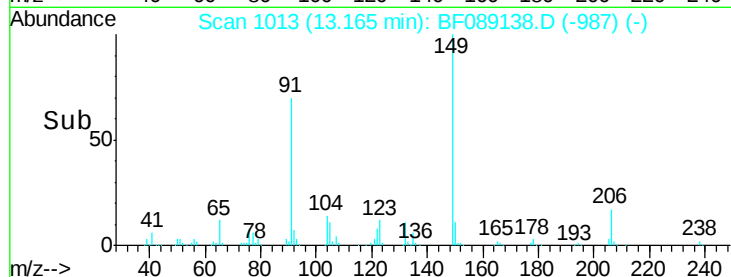
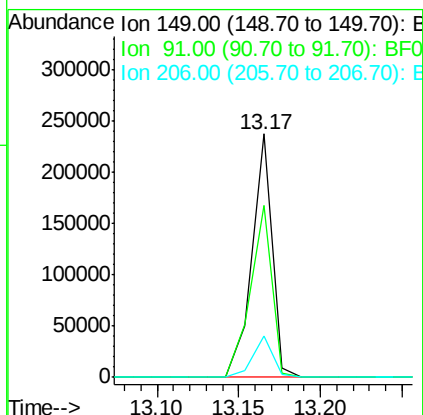
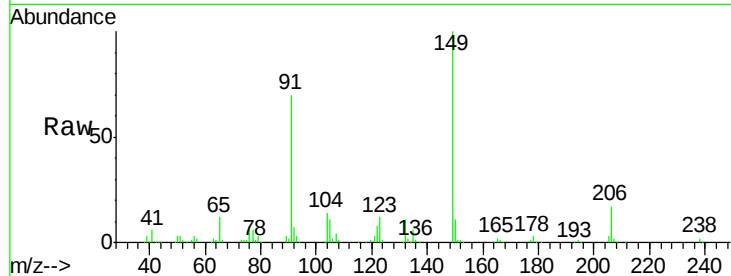




#79
Butylbenzylphthalate
Concen: 40.99 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

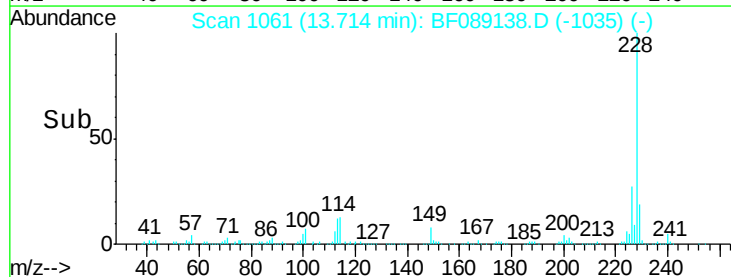
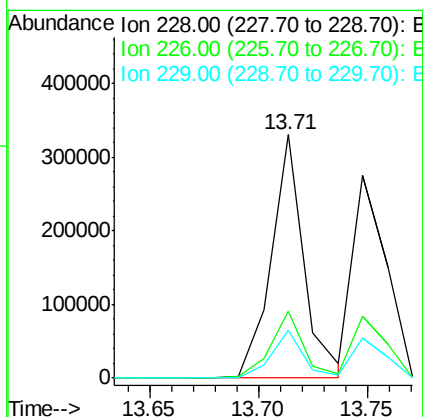
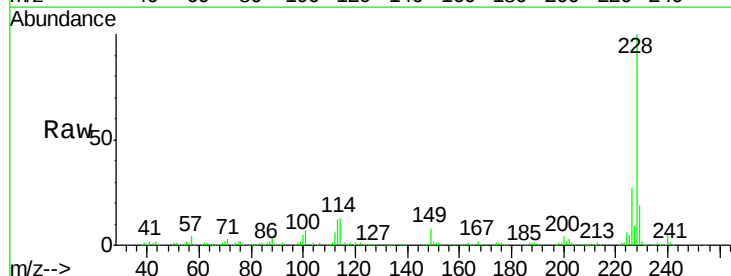
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 204932
Ion Ratio Lower Upper
149 100
91 70.4 62.6 93.8
206 17.2 13.2 19.8



#80
Benzo(a)anthracene
Concen: 38.11 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:228 Resp: 347391
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.4 15.8 23.8

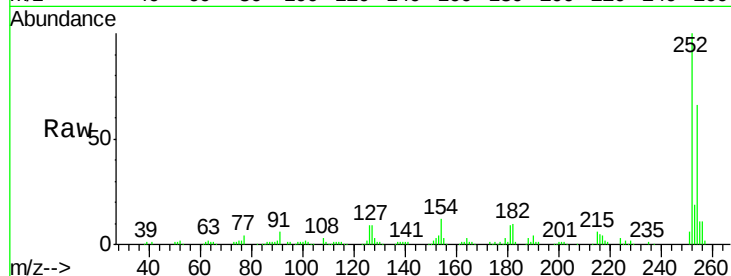




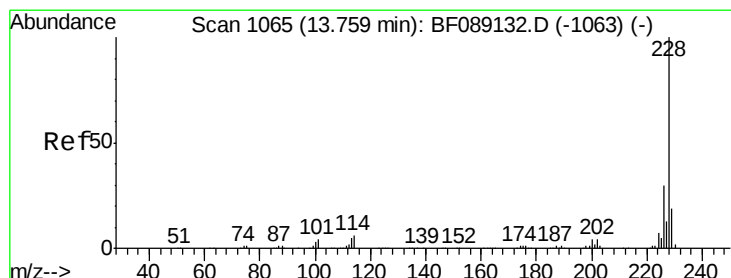
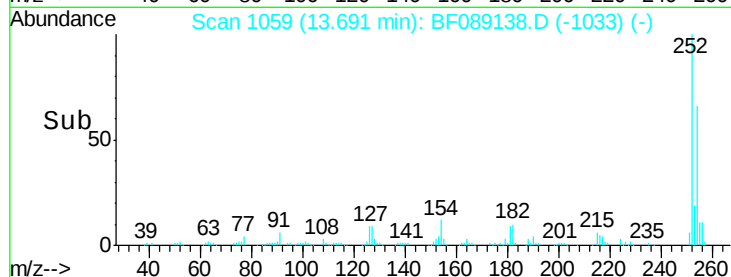
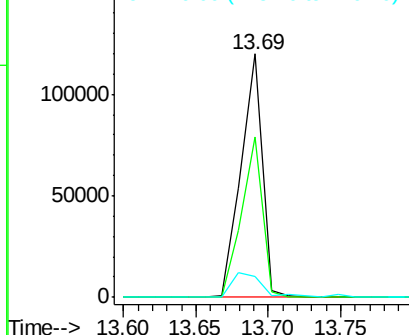
#81
 3,3'-Dichlorobenzidine
 Concen: 40.69 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 123009
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.4 75.6
 126 8.8 10.2 15.2#

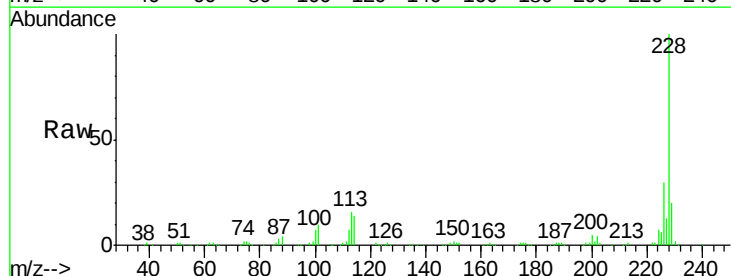


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

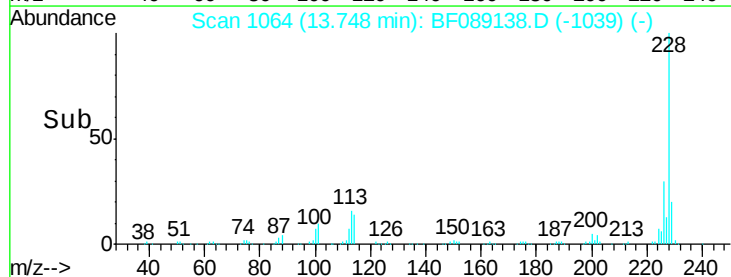
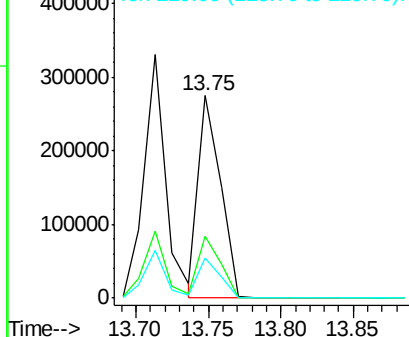


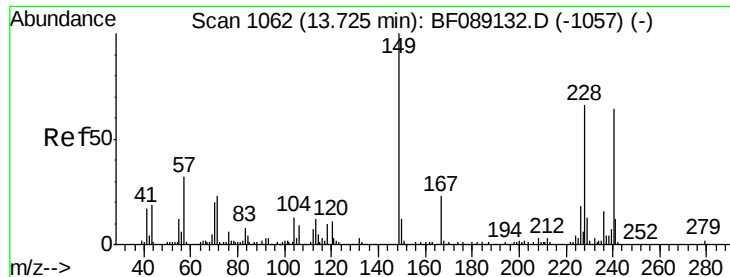
#82
 Chrysene
 Concen: 34.03 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion:228 Resp: 296308
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.8 35.8
 229 19.8 15.4 23.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.73 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

Instrument :

BNA_F

ClientSampleId :

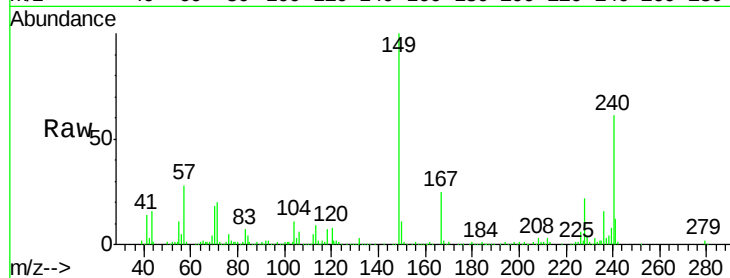
Tot Ion:149 Resp: 243600

Ion Ratio Lower Upper

149 100

167 24.6 18.6 28.0

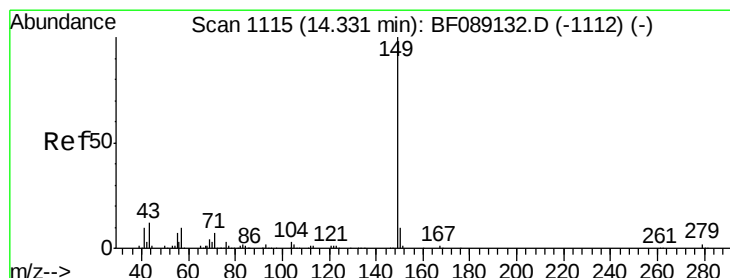
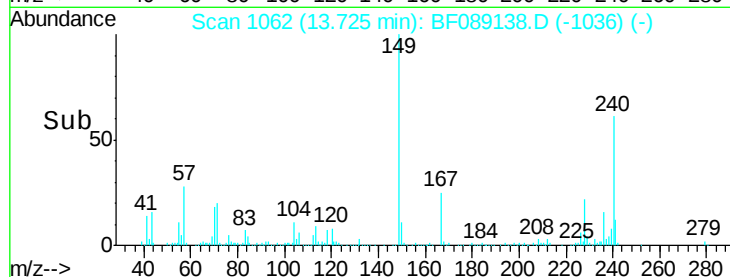
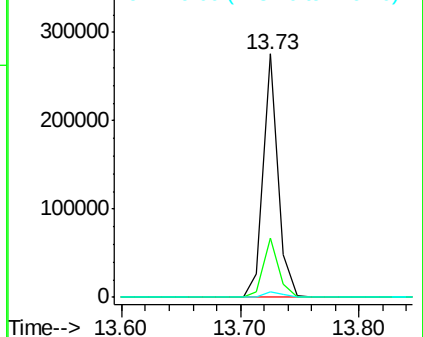
279 2.2 1.6 2.4



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: 35.61 ng

RT: 14.33 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF089138.D

Acq: 20 Jul 2016 18:23

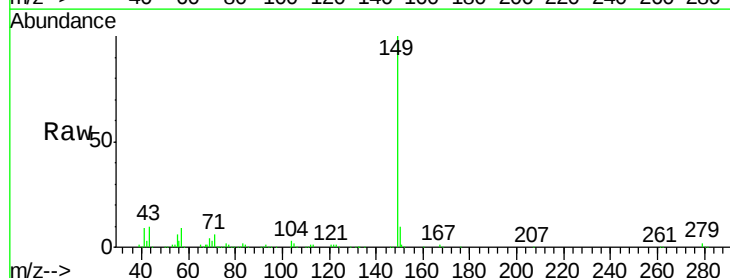
Tgt Ion:149 Resp: 389669

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

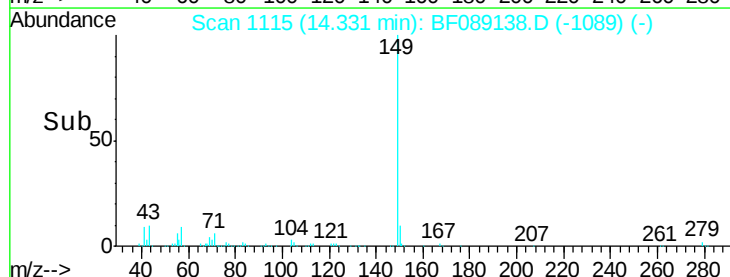
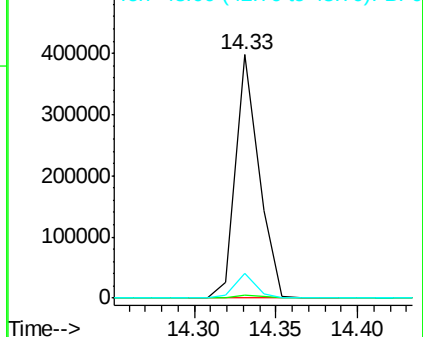
43 9.6 7.3 10.9

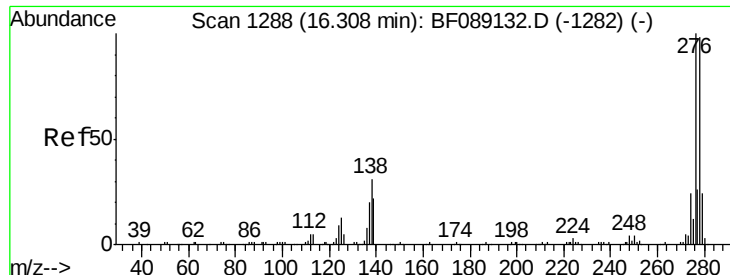


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

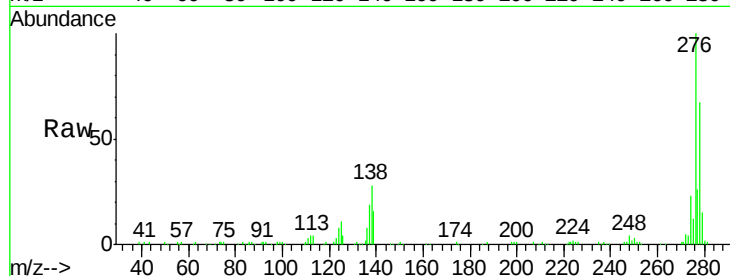




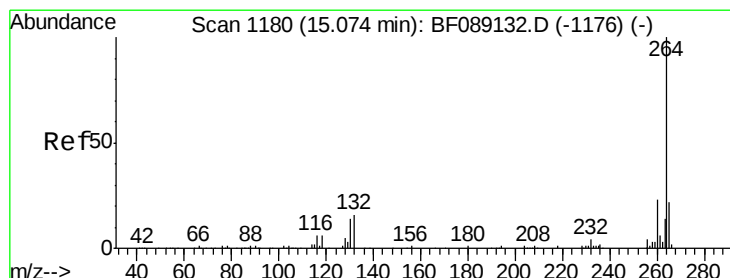
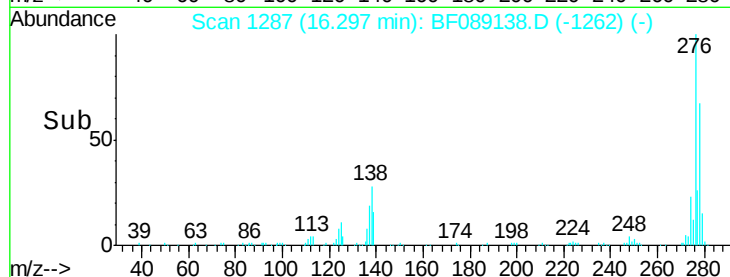
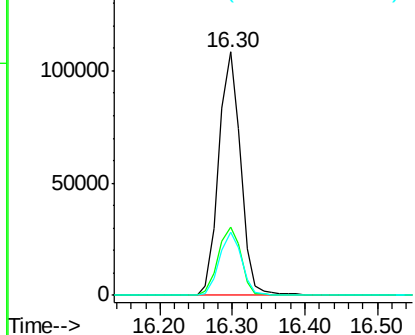
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.91 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.7	35.5
277	26.2	20.6	31.0

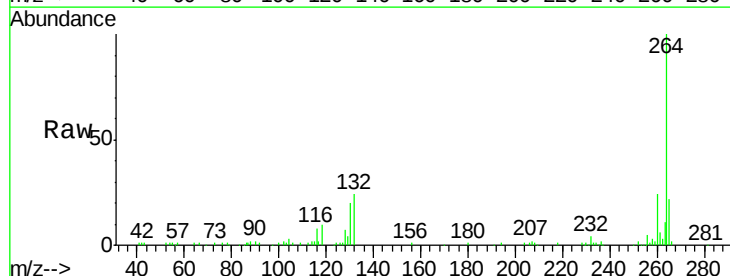


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

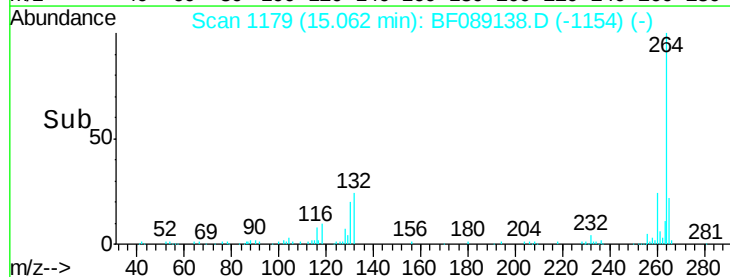
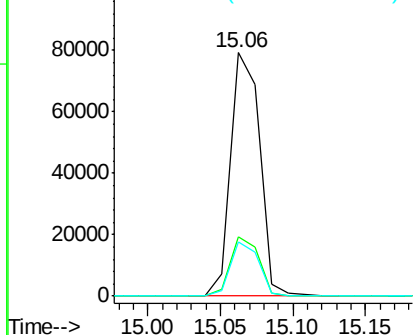


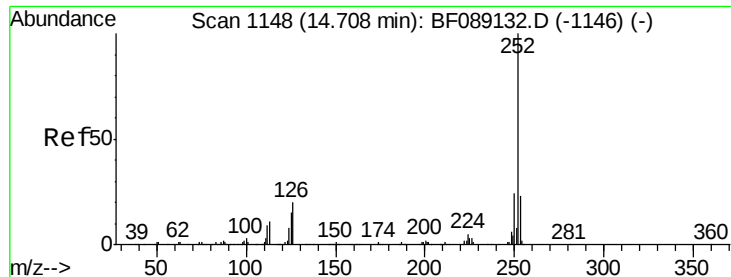
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	22.0	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

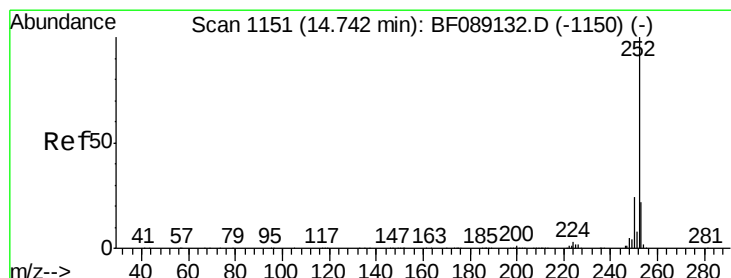
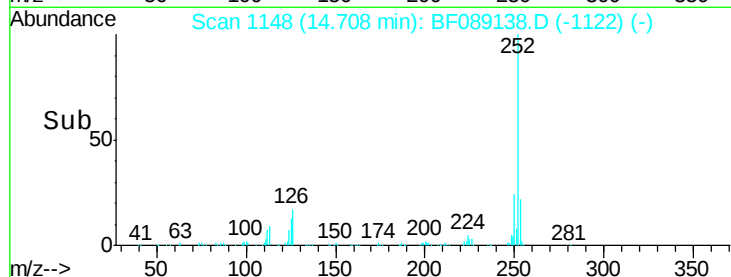
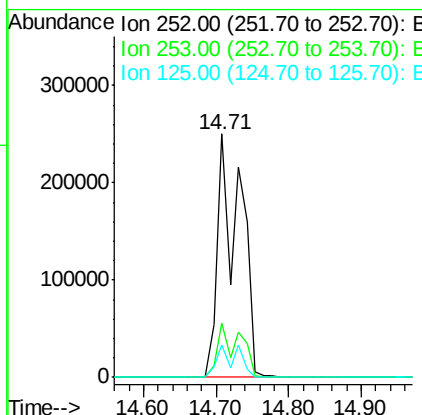
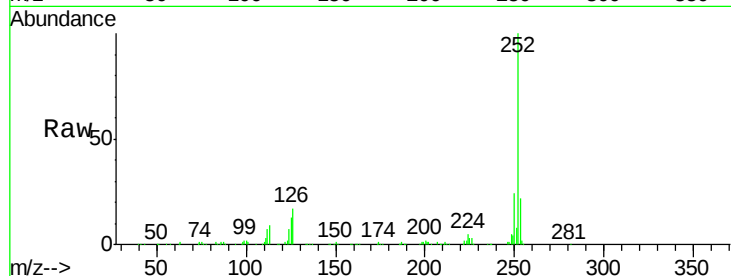




#87
Benzo(b)fluoranthene
Concen: 67.66 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

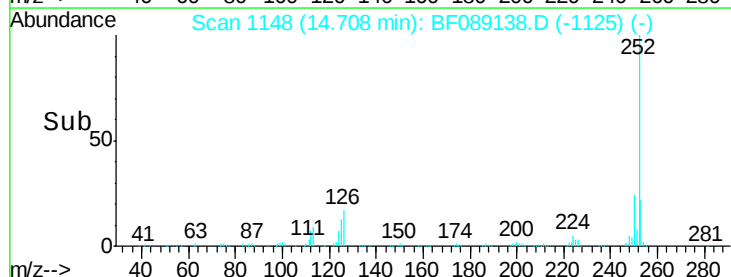
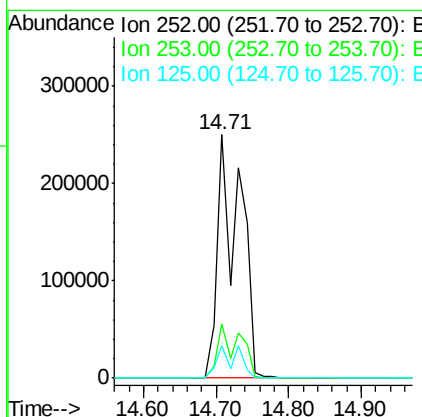
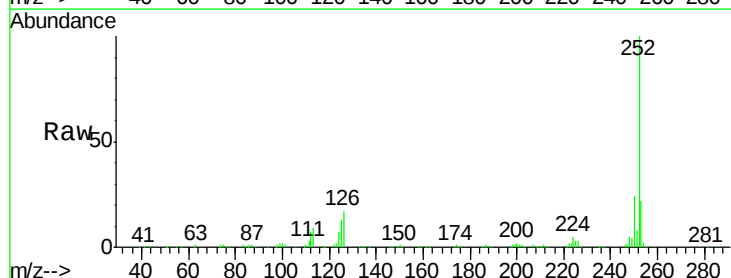
Instrument :
BNA_F
ClientSampleId :

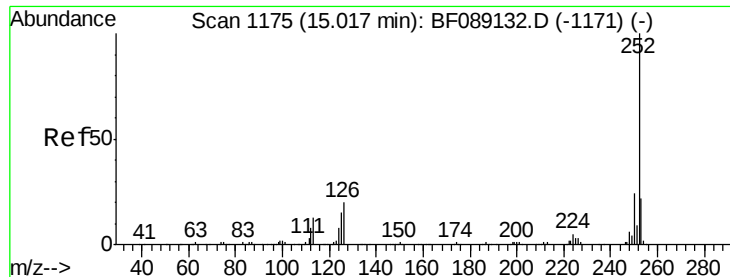
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	13.1	11.9	17.9



#88
Benzo(k)fluoranthene
Concen: 94.61 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	13.1	6.3	9.5#

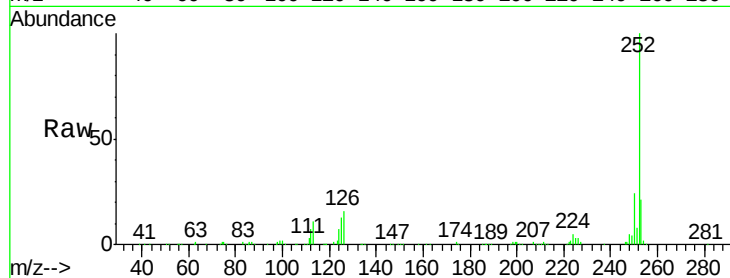




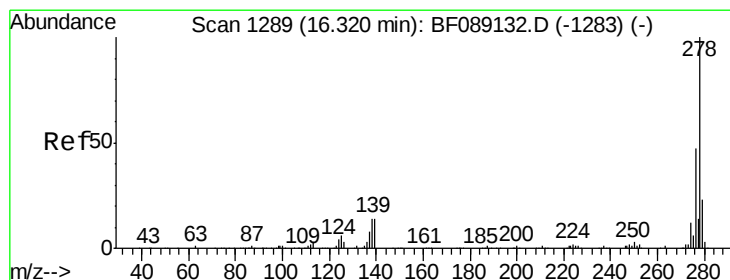
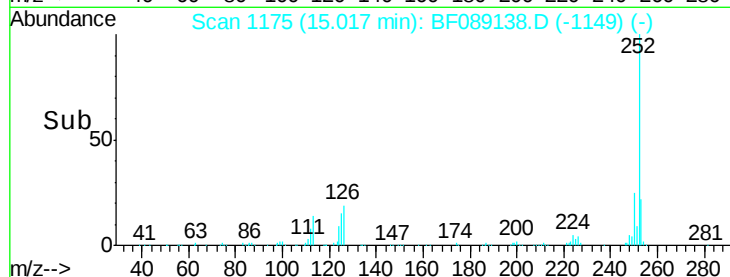
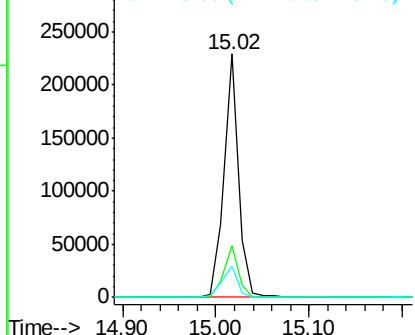
#89
Benzo(a)pyrene
Concen: 40.10 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 248579
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 12.8 12.4 18.6

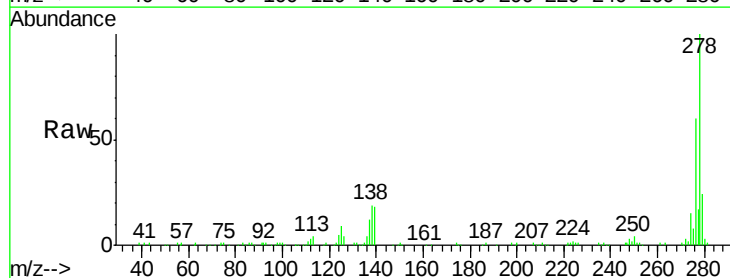


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

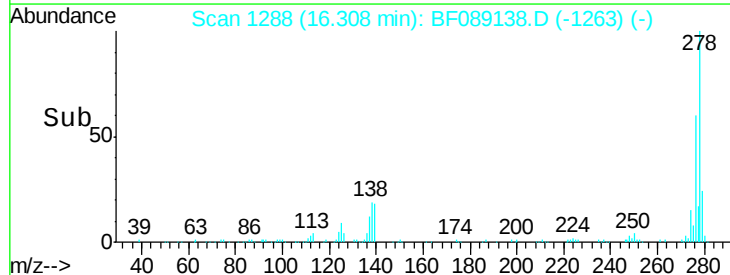
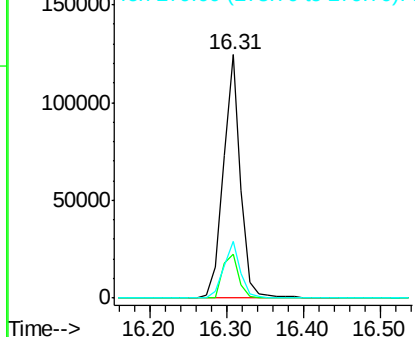


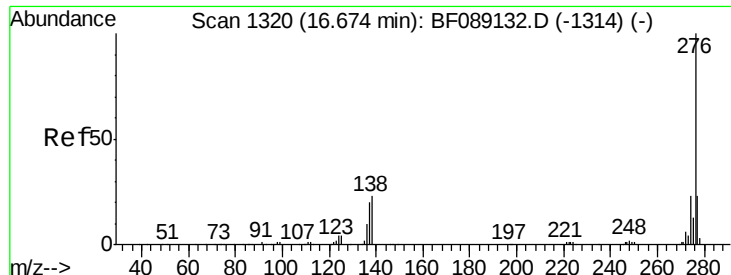
#90
Dibenzo(a,h)anthracene
Concen: 39.92 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF089138.D
Acq: 20 Jul 2016 18:23

Tgt Ion:278 Resp: 195412
Ion Ratio Lower Upper
278 100
139 18.2 11.4 17.2#
279 23.5 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

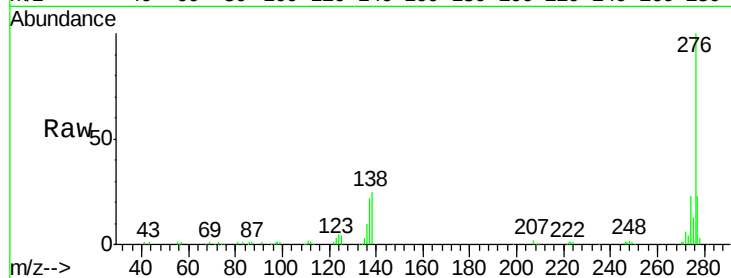




#91
 Benzo(a,h,i)perylene
 Concen: 39.38 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF089138.D
 Acq: 20 Jul 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	25.1	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

