

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
 Data File : BF090633.D
 Acq On : 18 Oct 2016 17:41
 Operator : UM/SJ
 Sample : H5289-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

Quant Time: Oct 19 01:07:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	223520	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	1022699	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	508781	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	710455	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	522735	20.00	ng	0.00
86) Perylene-d12	15.54	264	511108	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1417271	116.24	ng	0.00
7) Phenol-d6	6.54	99	1953252	107.81	ng	0.00
23) Nitrobenzene-d5	7.47	82	1316133	71.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	371986	82.01	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	2050696	66.41	ng	0.00
78) Terphenyl-d14	13.02	244	1370327	61.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	224019	32.24	ng	96
3) Pyridine	3.32	79	559142	35.90	ng	98
4) n-Nitrosodimethylamine	3.26	42	237563	43.42	ng	93
6) Aniline	6.63	93	1143748	52.24	ng	# 56
8) 2-Chlorophenol	6.69	128	627813	39.71	ng	85
9) Benzaldehyde	6.44	77	155113	13.47	ng	91
10) Phenol	6.55	94	696240	33.60	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	1206529	70.58	ng	96
12) 1,3-Dichlorobenzene	6.84	146	613648	38.92	ng	97
13) 1,4-Dichlorobenzene	6.92	146	652471	38.05	ng	99
14) 1,2-Dichlorobenzene	7.07	146	584647	36.47	ng	96
15) Benzyl Alcohol	7.05	79	541530	43.88	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	962738	40.02	ng	91
17) 2-Methylphenol	7.16	107	464812	37.73	ng	97
18) Hexachloroethane	7.41	117	234739	34.64	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	483512	38.92	ng	# 94
20) 3+4-Methylphenols	7.32	107	618202	41.39	ng	# 70
22) Acetophenone	7.31	105	864079	38.24	ng	# 92
24) Nitrobenzene	7.49	77	709691	37.56	ng	# 83
25) Isophorone	7.73	82	1260155	37.61	ng	# 90
26) 2-Nitrophenol	7.80	139	273634	31.92	ng	99
27) 2,4-Dimethylphenol	7.85	122	499801	35.14	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	741486	37.48	ng	99
29) 2,4-Dichlorophenol	8.05	162	473829	38.03	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	521205	35.72	ng	99
31) Naphthalene	8.21	128	1796996	34.49	ng	98
32) Benzoic acid	7.93	122	53139	6.08	ng	92
33) 4-Chloroaniline	8.29	127	303682	15.25	ng	99
34) Hexachlorobutadiene	8.33	225	256524	31.46	ng	99
35) Caprolactam	8.63	113	159917	45.99	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	506083	35.20	ng	92
37) 2-Methylnaphthalene	8.91	142	1187237	38.80	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	436073	32.33	ng	99
40) Hexachlorocyclopentadiene	9.06	237	259650	39.40	ng	98

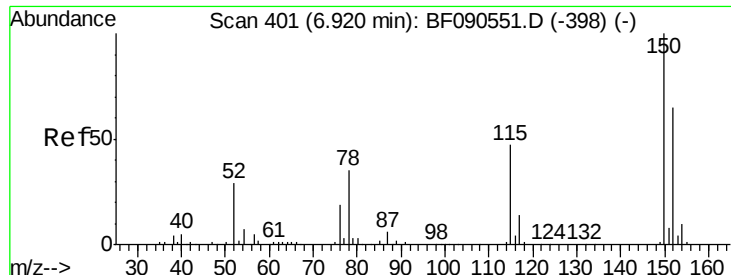
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
 Data File : BF090633.D
 Acq On : 18 Oct 2016 17:41
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	299071	39.30	ng	98
43) 2,4,5-Trichlorophenol	9.23	196	308792	34.02	ng	98
45) 1,1'-Biphenyl	9.37	154	1244531	32.14	ng	97
46) 2-Chloronaphthalene	9.40	162	1016759	35.22	ng	92
47) 2-Nitroaniline	9.49	65	343522	32.82	ng	96
48) Acenaphthylene	9.81	152	1623619	35.32	ng	99
49) Dimethylphthalate	9.67	163	1552553	47.03	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	233510	32.33	ng	# 76
51) Acenaphthene	9.98	154	950638	31.11	ng	99
52) 3-Nitroaniline	9.90	138	243379	26.85	ng	97
53) 2,4-Dinitrophenol	10.01	184	29146	12.58	ng	# 81
54) Dibenzofuran	10.15	168	1431800	35.62	ng	96
55) 4-Nitrophenol	10.07	139	340465	62.42	ng	# 82
56) 2,4-Dinitrotoluene	10.14	165	325963	33.22	ng	# 81
57) Fluorene	10.50	166	1086654	32.78	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	222056	29.37	ng	98
59) Diethylphthalate	10.37	149	1203131	35.94	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	477042	30.52	ng	# 85
61) 4-Nitroaniline	10.52	138	227498	25.03	ng	97
62) Azobenzene	10.65	77	1365165	35.25	ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	41819	9.73	ng	# 43
65) n-Nitrosodiphenylamine	10.61	169	928404	39.56	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	268324	35.20	ng	# 83
67) Hexachlorobenzene	11.05	284	292039	35.28	ng	# 83
68) Atrazine	11.14	200	257234	39.63	ng	98
69) Pentachlorophenol	11.24	266	281312	68.58	ng	96
70) Phenanthrene	11.46	178	1390060	36.65	ng	100
71) Anthracene	11.51	178	1449809	35.52	ng	99
72) Carbazole	11.66	167	1091483	29.87	ng	99
73) Di-n-butylphthalate	11.99	149	1442509	33.70	ng	# 99
74) Fluoranthene	12.65	202	1334254	34.98	ng	94
76) Benzidine	12.78	184	98146	7.55	ng	97
77) Pyrene	12.87	202	1273008	36.77	ng	99
79) Butylbenzylphthalate	13.49	149	496769	32.39	ng	# 82
80) Benzo(a)anthracene	14.08	228	1232643	41.42	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	271315	26.69	ng	# 98
82) Chrysene	14.11	228	1268306	44.23	ng	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	748893	36.19	ng	# 97
84) Di-n-octyl phthalate	14.67	149	1238777	44.65	ng	100
85) Indeno(1,2,3-cd)pyrene	17.00	276	992831	59.89	ng	98
87) Benzo(b)fluoranthene	15.15	252	2594218	77.57	ng	# 94
88) Benzo(k)fluoranthene	15.15	252	2594218	72.09	ng	97
89) Benzo(a)pyrene	15.48	252	1109628	36.24	ng	98
90) Dibenzo(a,h)anthracene	17.01	278	801201	34.31	ng	96
91) Benzo(g,h,i)perylene	17.44	276	747087	33.55	ng	96

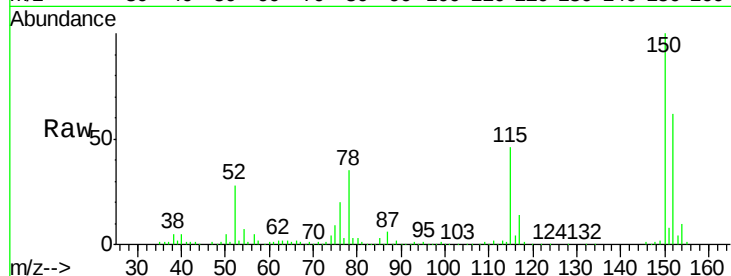
(#) = qualifier out of range (m) = manual integration (+) = signals summed



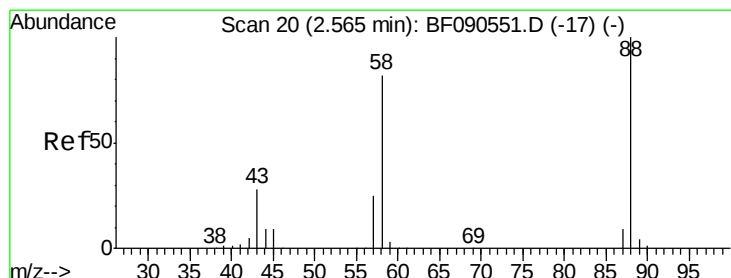
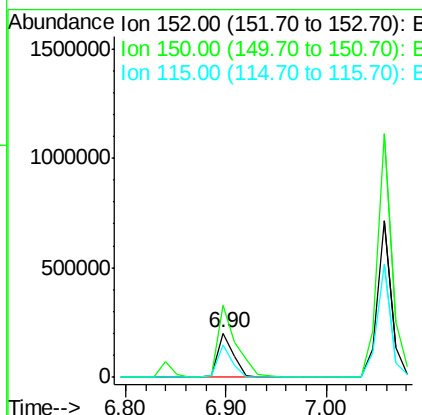
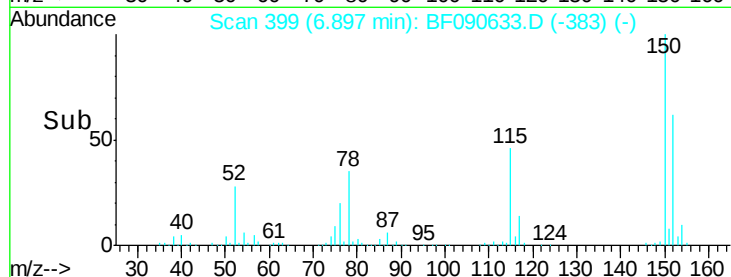
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	127.2	190.8
115	73.7	58.6	88.0

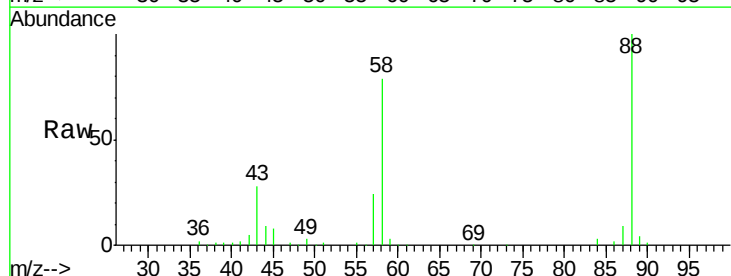


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

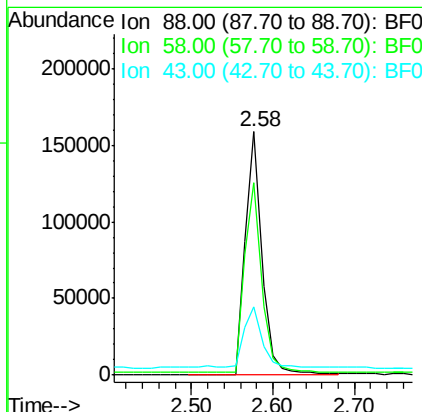
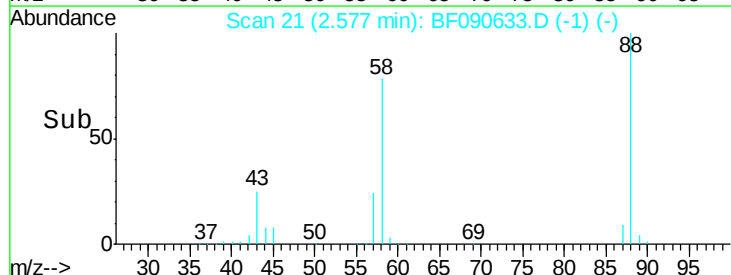


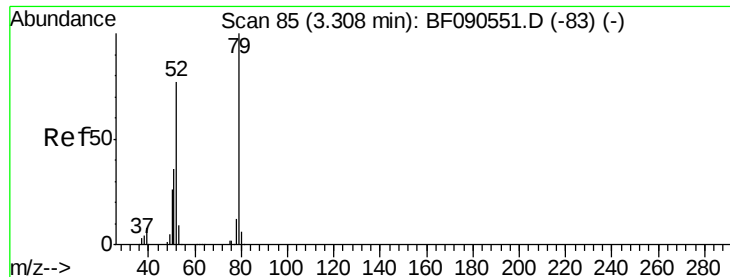
#2
 1,4-Dioxane
 Concen: 32.24 ng
 RT: 2.58 min Scan# 21
 Delta R.T. 0.05 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	67.2	100.8
43	27.2	24.1	36.1



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





#3

Pyridine

Concen: 35.90 ng

RT: 3.32 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

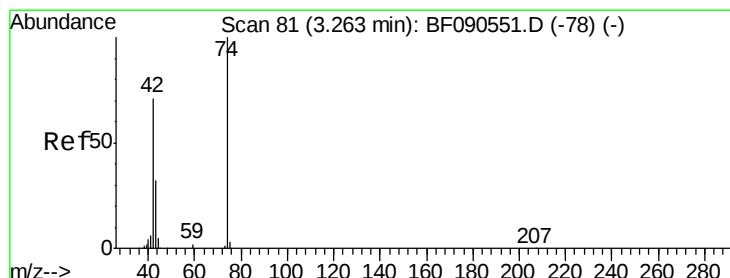
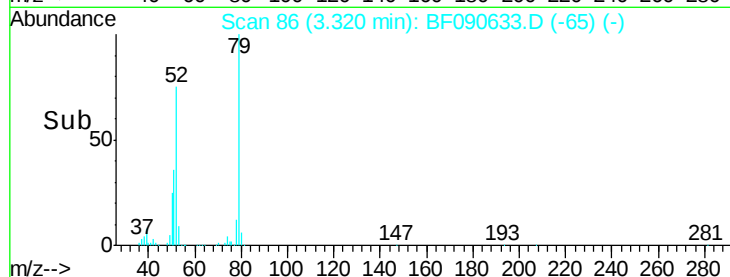
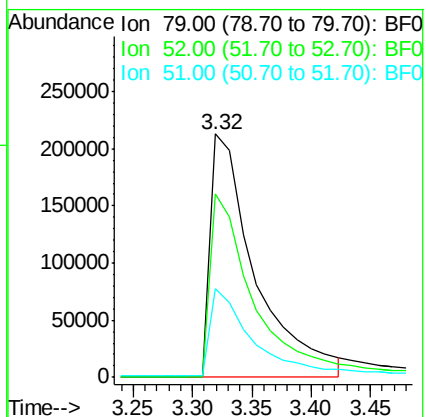
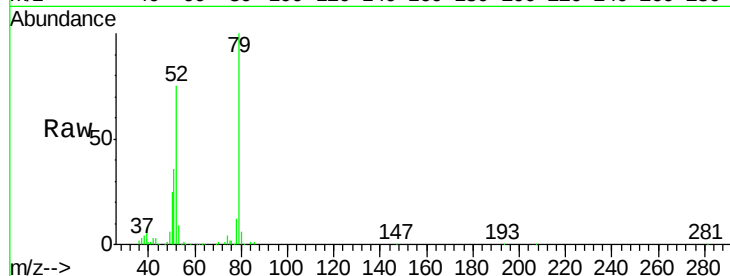
Tgt Ion: 79 Resp: 559142

Ion Ratio Lower Upper

79 100

52 75.5 61.8 92.8

51 36.2 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 43.42 ng

RT: 3.26 min Scan# 81

Delta R.T. 0.03 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

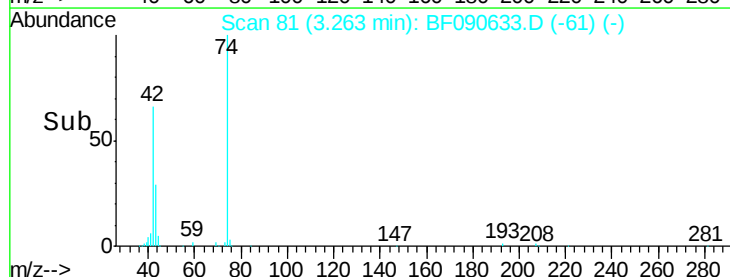
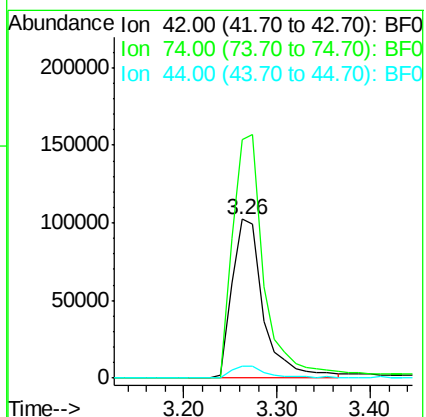
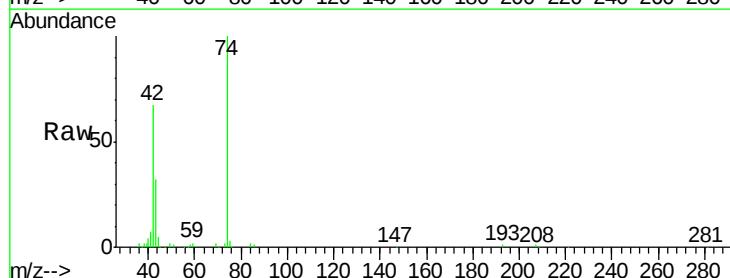
Tgt Ion: 42 Resp: 237563

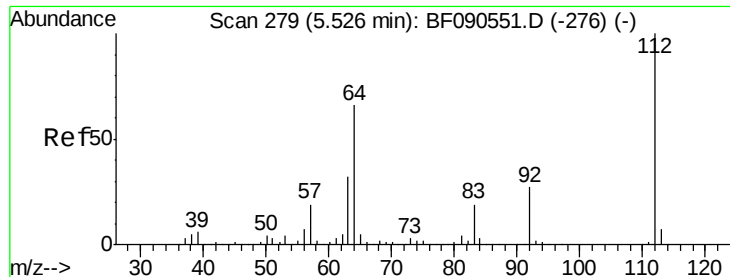
Ion Ratio Lower Upper

42 100

74 150.2 113.3 169.9

44 7.5 6.0 9.0





#5

2-Fluorophenol

Concen: 116.24 ng

RT: 5.51 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

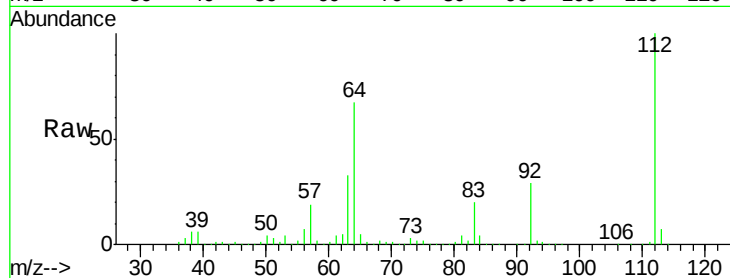
Tgt Ion: 112 Resp: 1417271

Ion Ratio Lower Upper

112 100

64 67.1 52.6 78.8

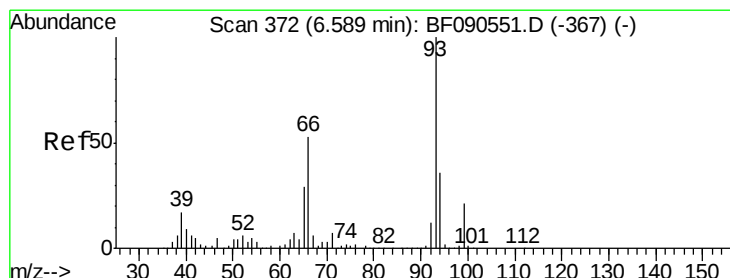
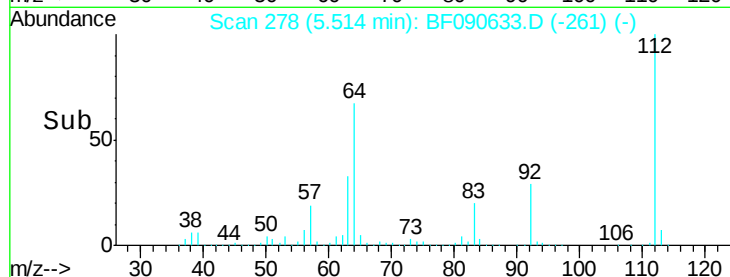
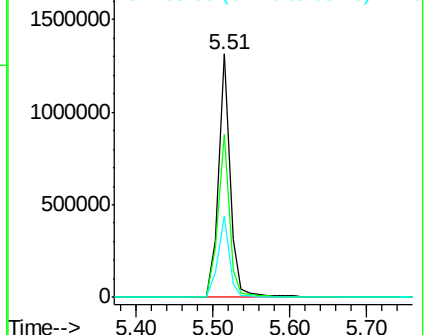
63 33.0 26.0 39.0



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: 52.24 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.06 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

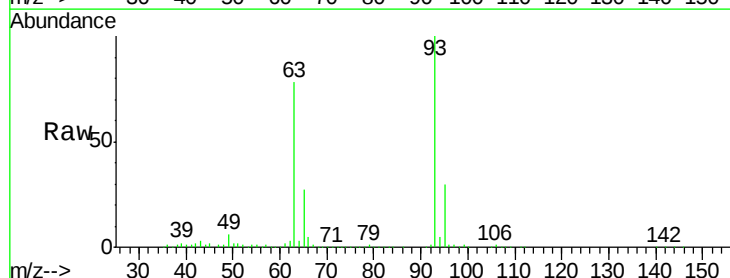
Tgt Ion: 93 Resp: 1143748

Ion Ratio Lower Upper

93 100

66 5.5 42.2 63.2#

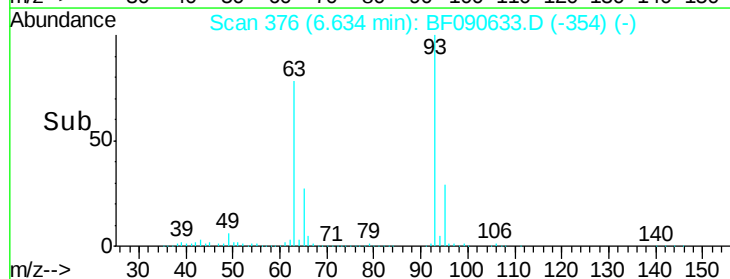
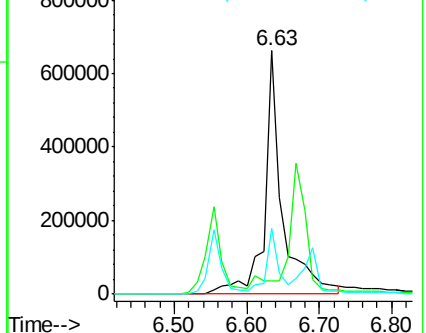
65 27.1 22.9 34.3

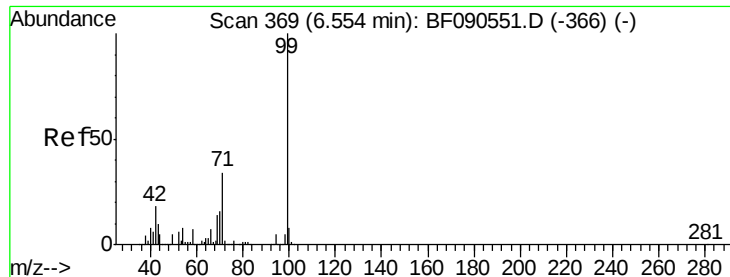


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.81 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

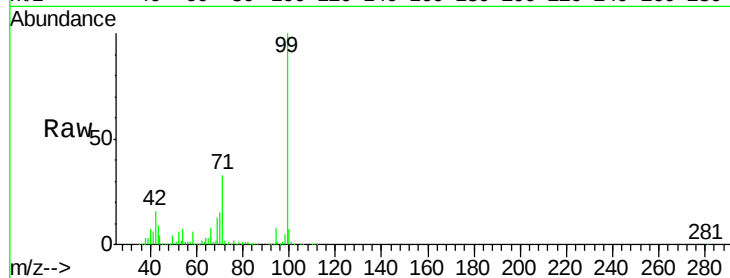
Tgt Ion: 99 Resp: 1953252

Ion Ratio Lower Upper

99 100

42 16.3 14.7 22.1

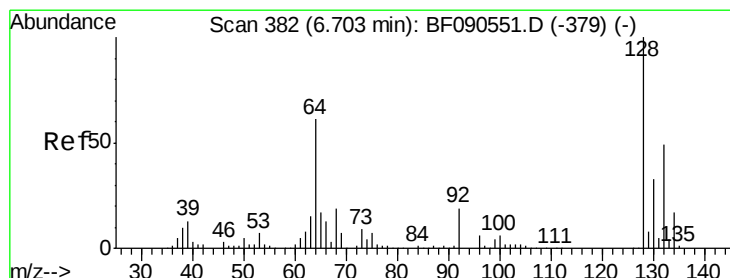
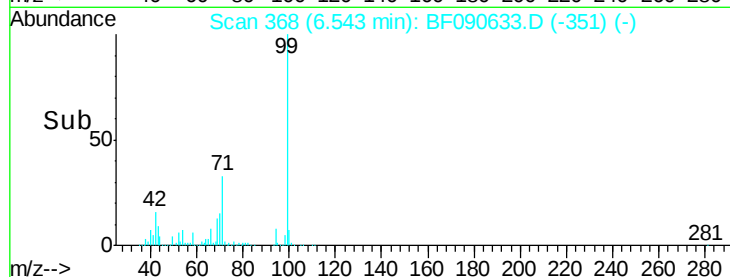
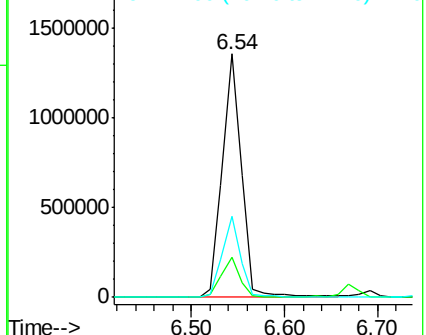
71 33.5 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.71 ng

RT: 6.69 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

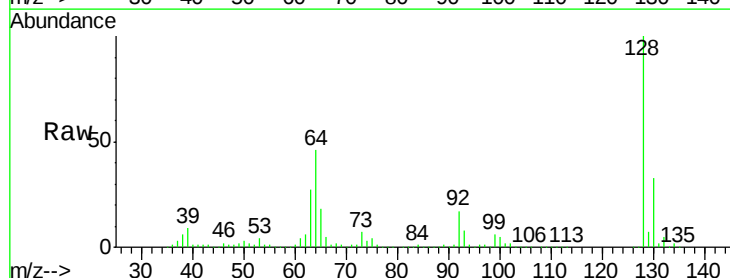
Tgt Ion: 128 Resp: 627813

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

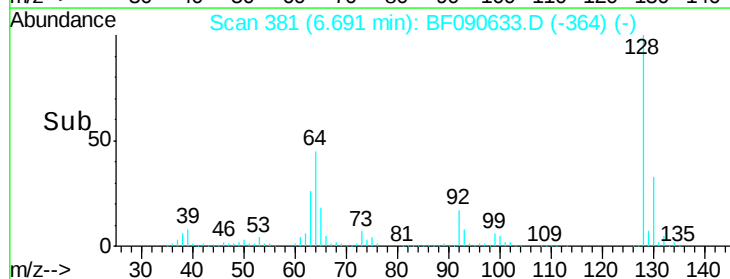
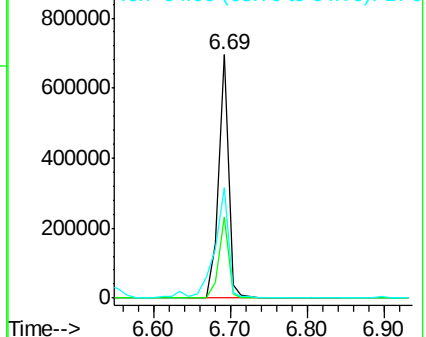
64 45.5 42.6 82.6

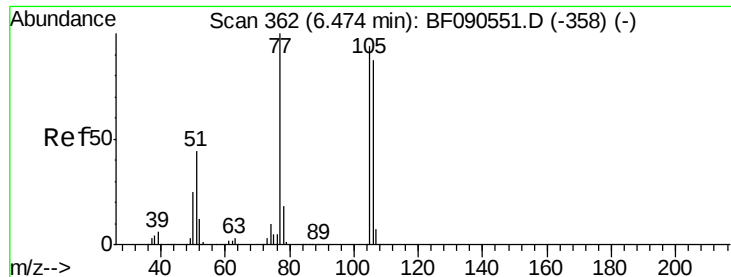


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.47 ng

RT: 6.44 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

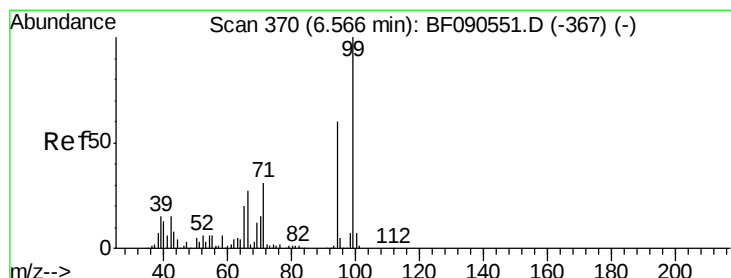
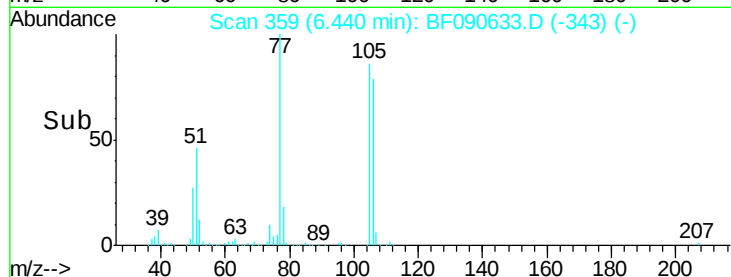
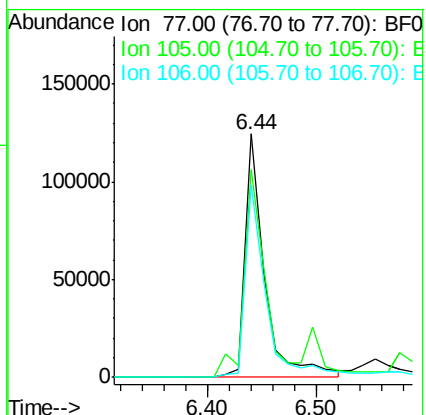
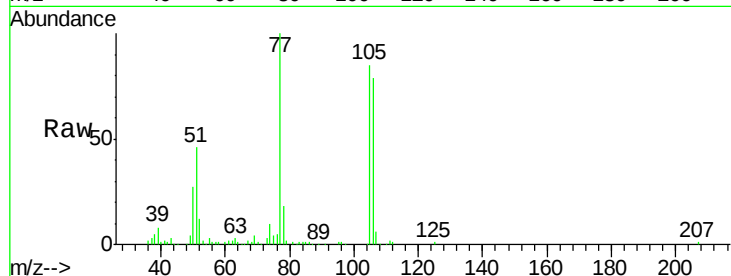
Tgt Ion: 77 Resp: 155113

Ion Ratio Lower Upper

77 100

105 85.5 74.3 114.3

106 79.2 67.2 107.2



#10

Phenol

Concen: 33.60 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

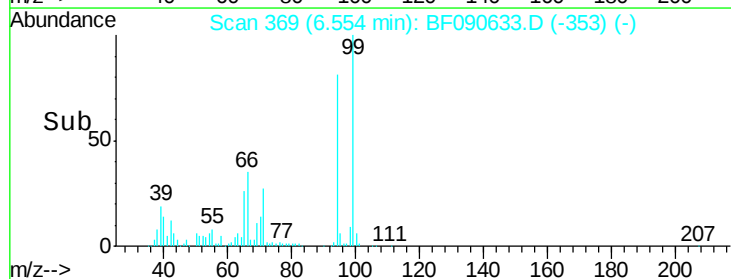
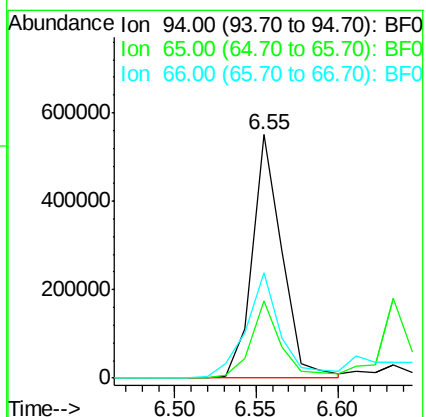
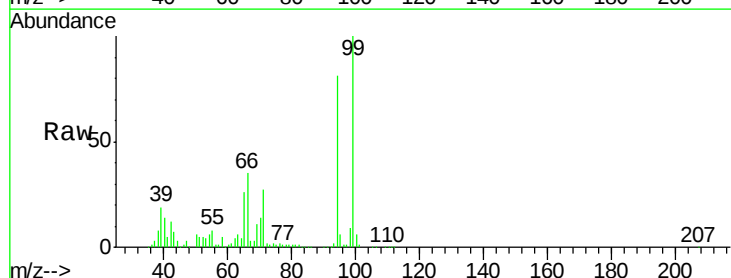
Tgt Ion: 94 Resp: 696240

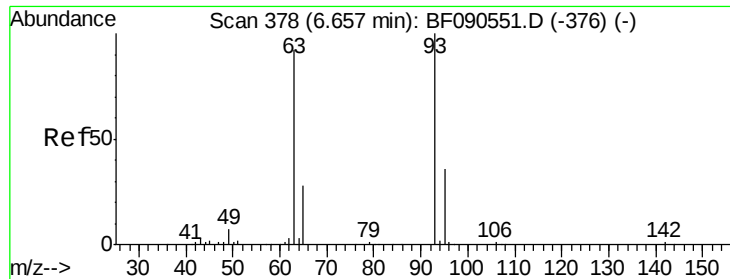
Ion Ratio Lower Upper

94 100

65 31.7 12.5 52.5

66 43.2 25.5 65.5





#11

bis(2-Chloroethyl)ether

Concen: 70.58 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

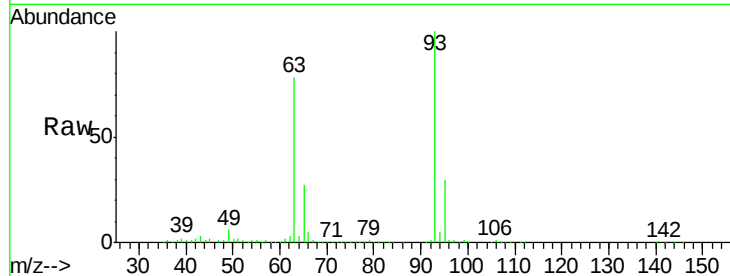
Tgt Ion: 93 Resp: 1206529

Ion Ratio Lower Upper

93 100

63 77.7 61.6 101.6

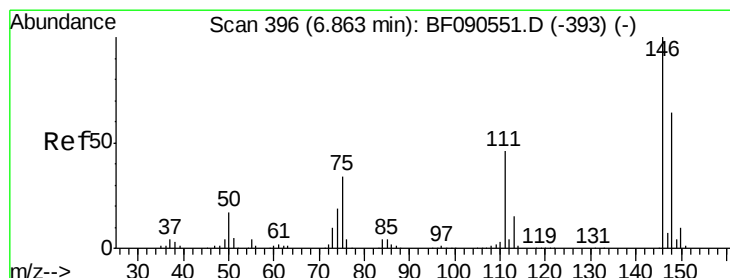
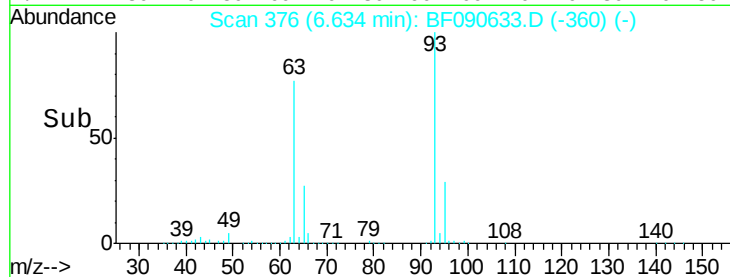
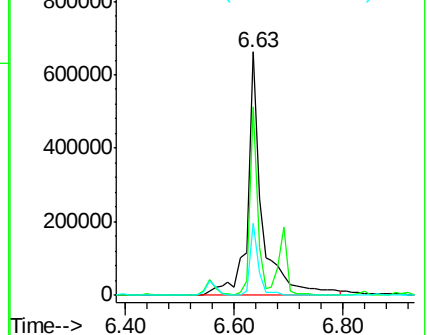
95 29.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.92 ng

RT: 6.84 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

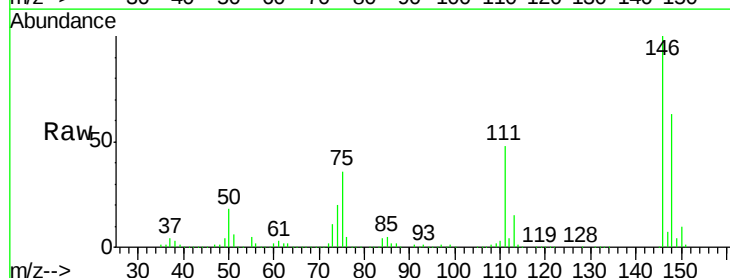
Tgt Ion: 146 Resp: 613648

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

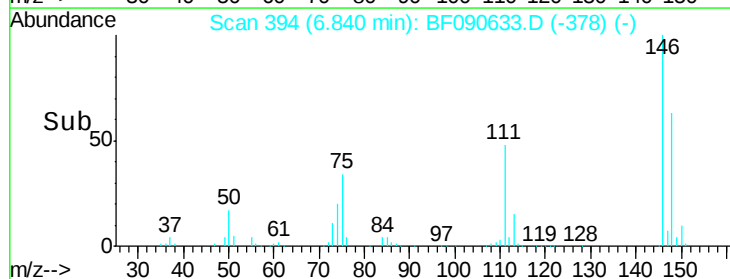
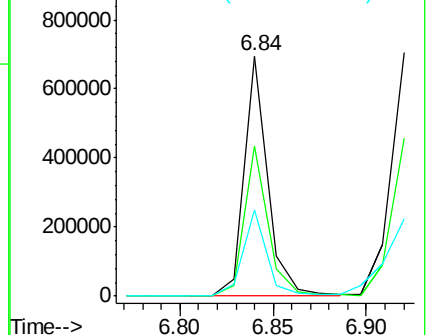
75 35.9 27.0 40.6

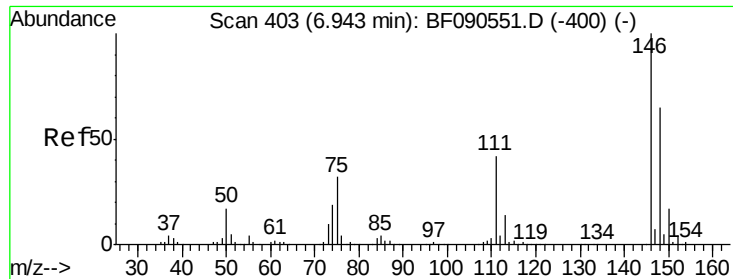


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.05 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

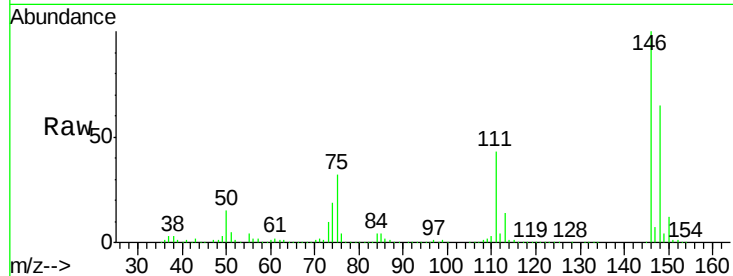
Tgt Ion:146 Resp: 652471

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

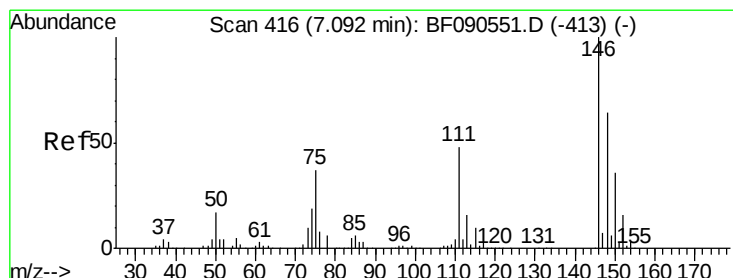
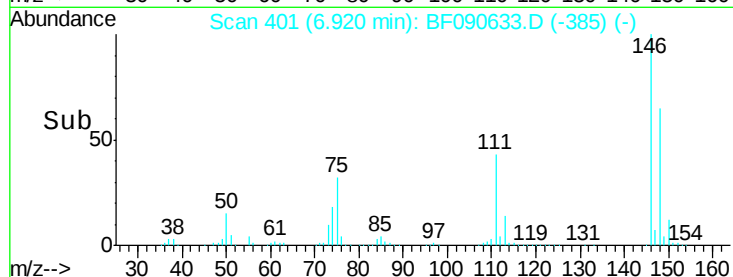
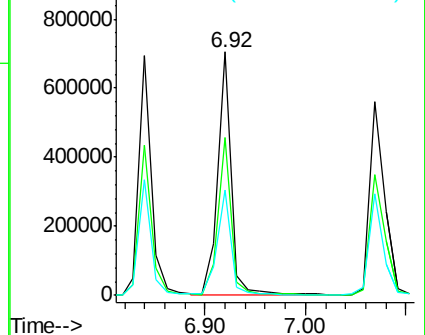
111 43.4 33.7 50.5



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: 36.47 ng

RT: 7.07 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

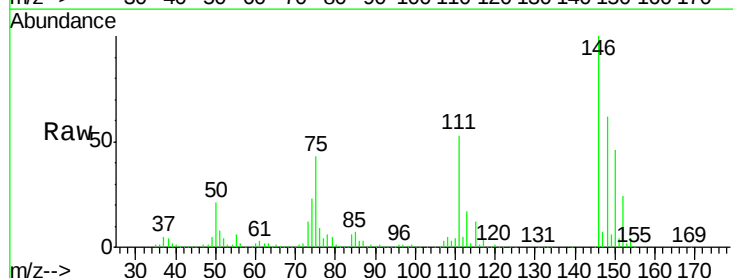
Tgt Ion:146 Resp: 584647

Ion Ratio Lower Upper

146 100

148 62.4 51.2 76.8

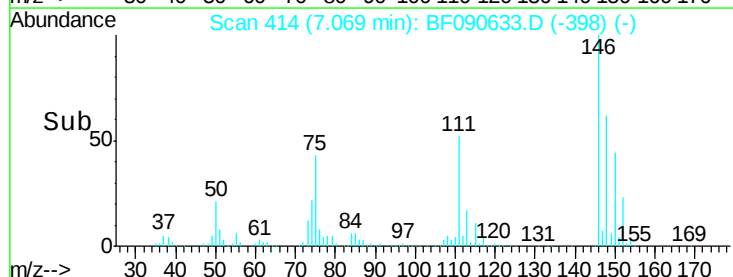
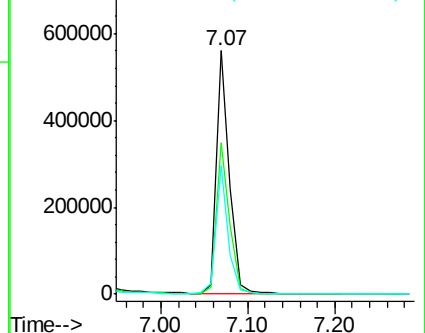
111 52.5 38.2 57.2

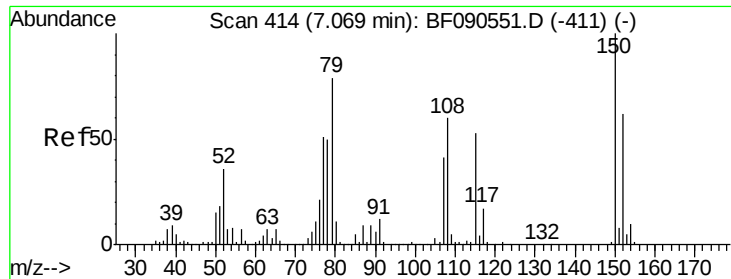


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.88 ng

RT: 7.05 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

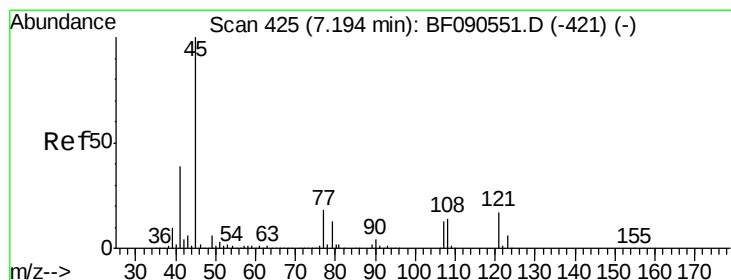
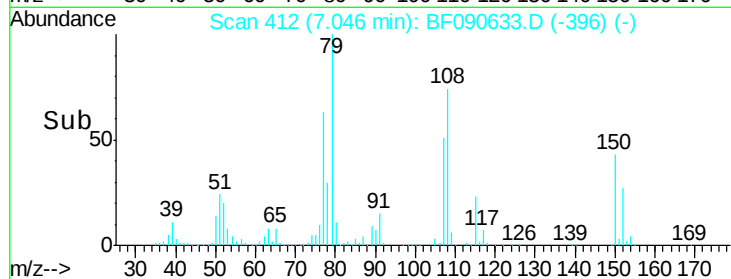
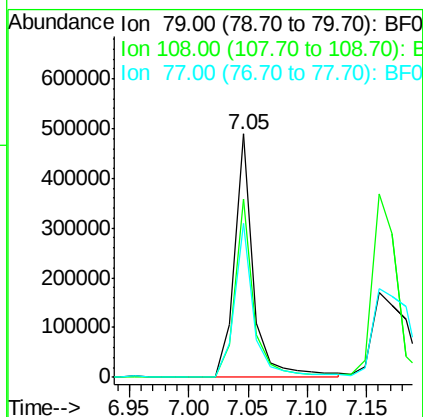
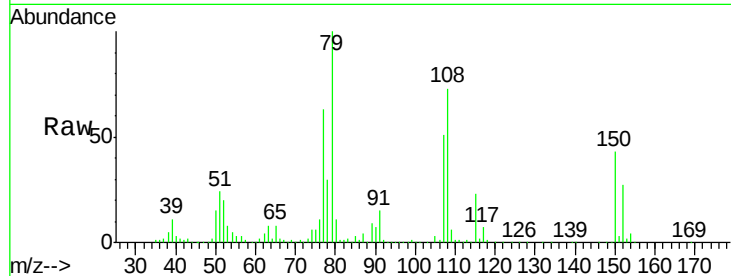
Tgt Ion: 79 Resp: 541530

Ion Ratio Lower Upper

79 100

108 73.4 60.2 90.4

77 63.2 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.02 ng

RT: 7.18 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

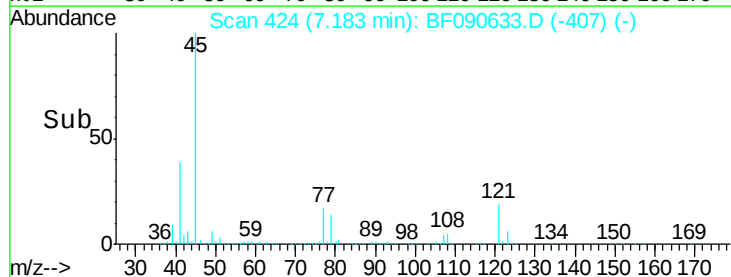
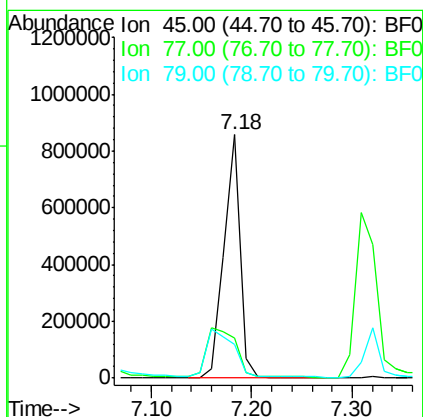
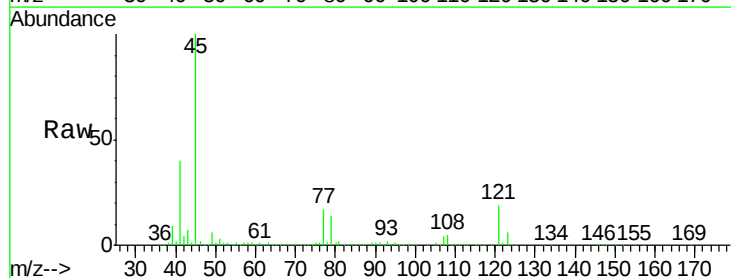
Tgt Ion: 45 Resp: 962738

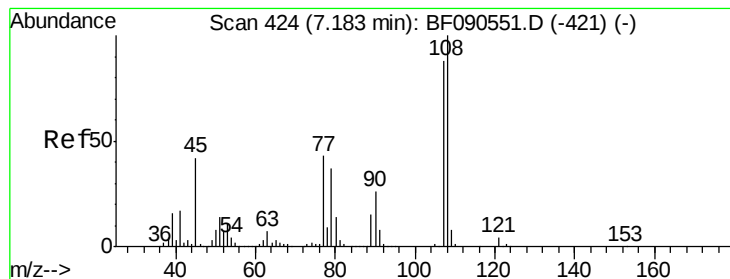
Ion Ratio Lower Upper

45 100

77 16.6 0.9 40.9

79 13.6 0.0 37.3

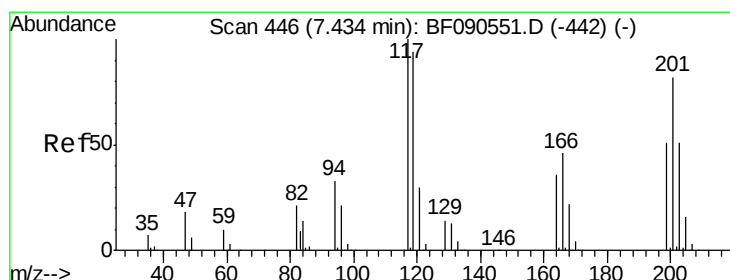
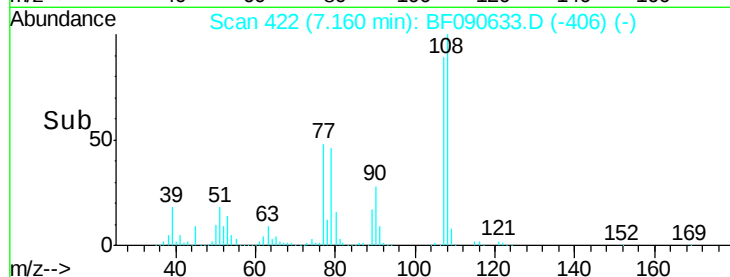
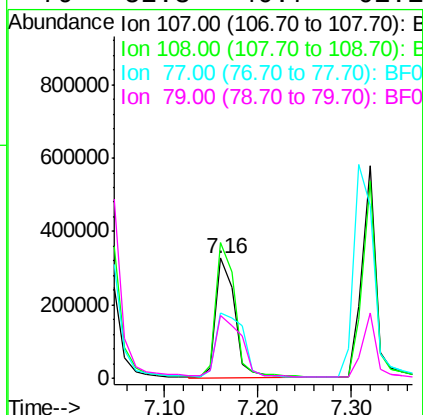
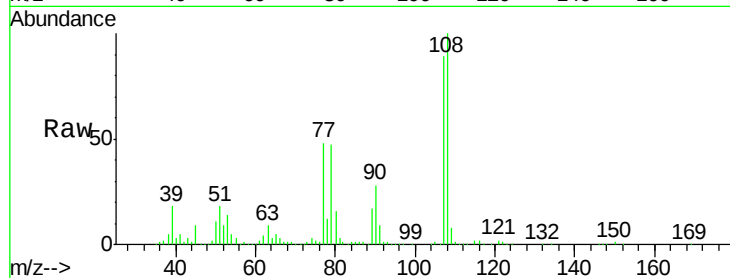




#17
2-Methylphenol
Concen: 37.73 ng
RT: 7.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

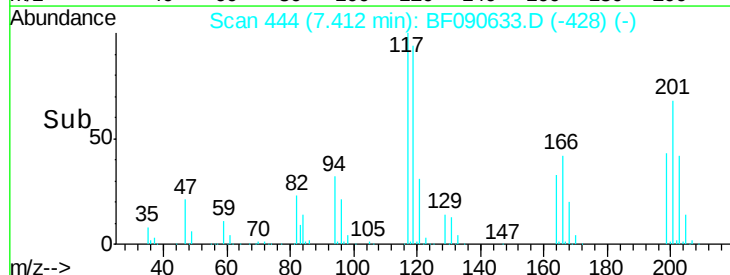
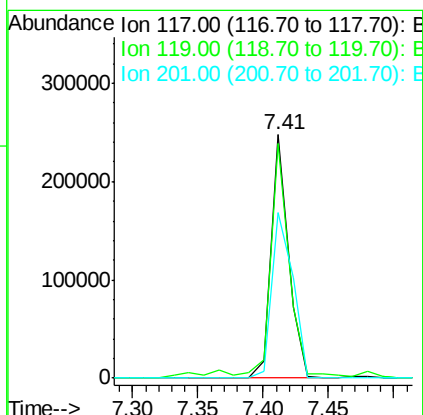
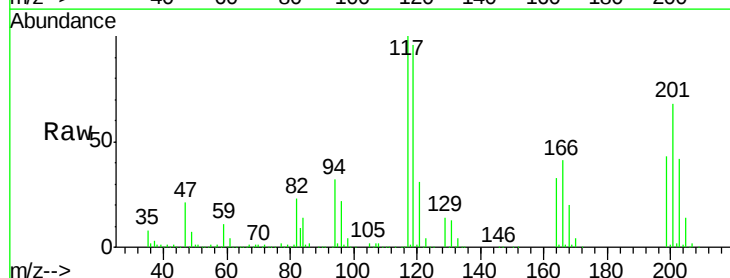
Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

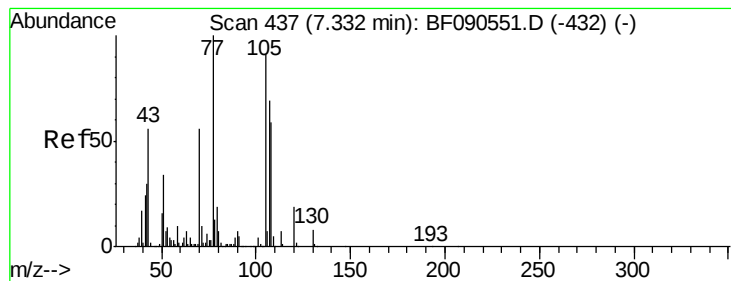
Tgt Ion	Resp	Lower	Upper
107	100		
108	112.4	92.6	138.8
77	54.2	42.2	63.2
79	52.3	40.7	61.1



#18
Hexachloroethane
Concen: 34.64 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion	Resp	Lower	Upper
117	100		
119	96.1	75.6	113.4
201	68.1	65.4	98.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.92 ng

RT: 7.32 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

Tgt Ion: 70 Resp: 483512

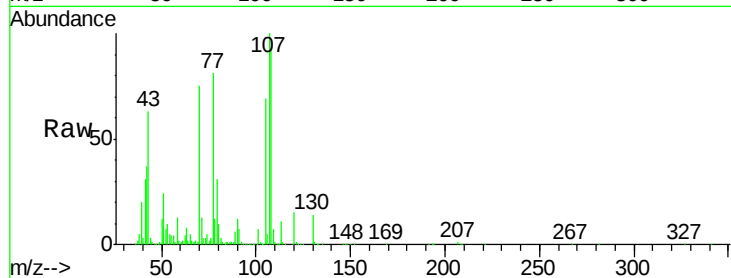
Ion Ratio Lower Upper

70 100

42 49.8 43.4 65.0

101 8.7 6.4 9.6

130 18.8 12.1 18.1#



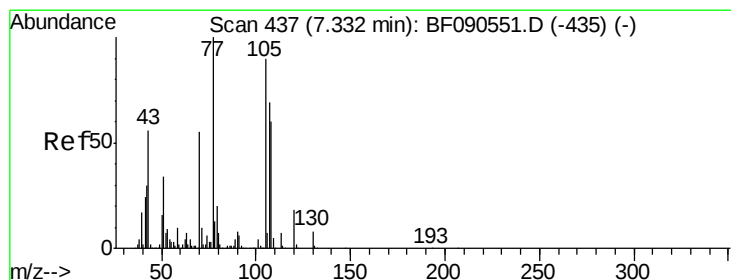
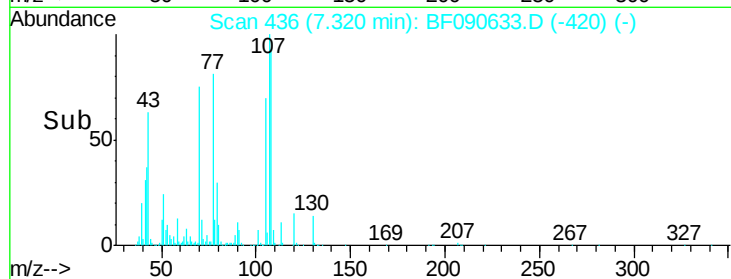
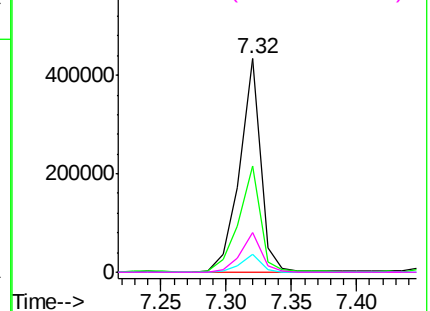
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.39 ng

RT: 7.32 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Tgt Ion: 107 Resp: 618202

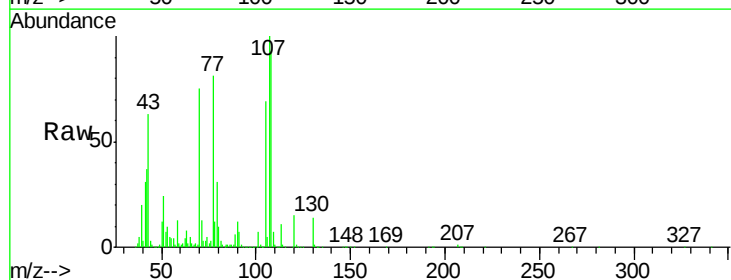
Ion Ratio Lower Upper

107 100

108 92.9 67.7 107.7

77 81.3 123.1 163.1#

79 31.0 9.6 49.6



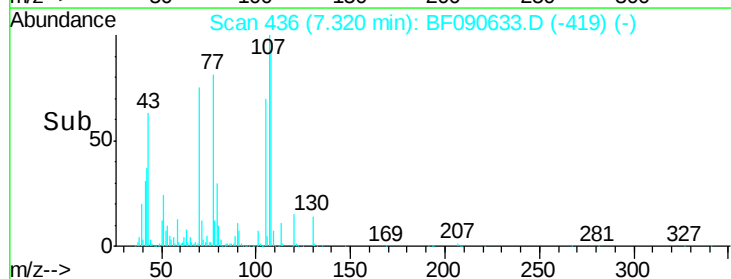
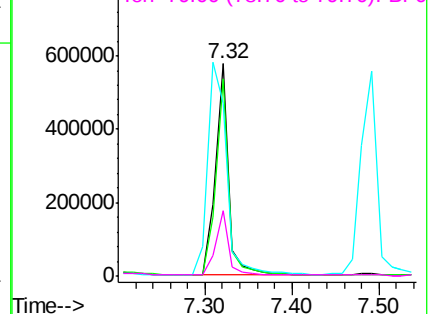
Abundance

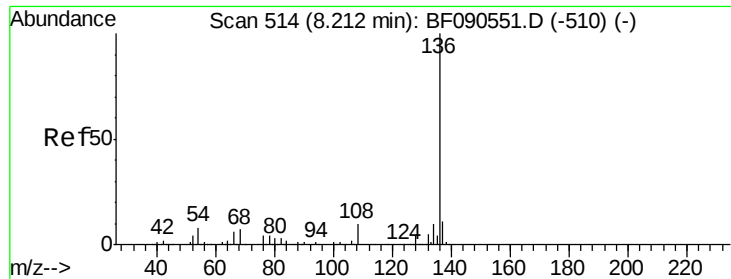
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



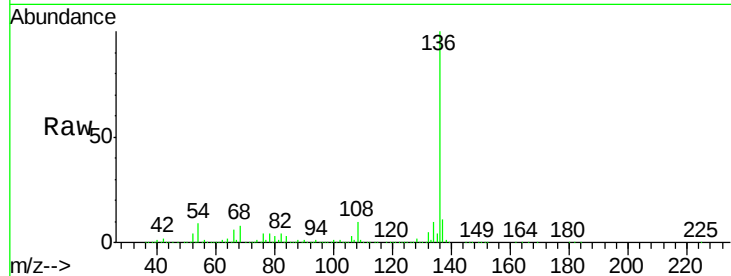


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

Tgt Ion:136 Resp: 1022699

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.0	6.8	10.2
68	8.2	6.0	9.0

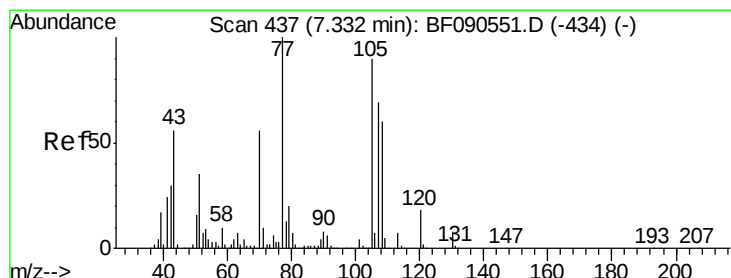
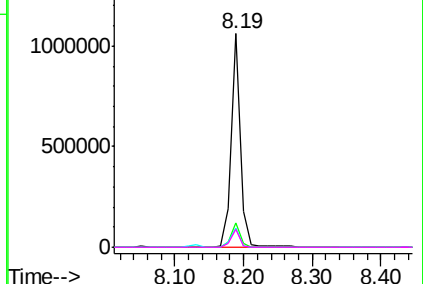
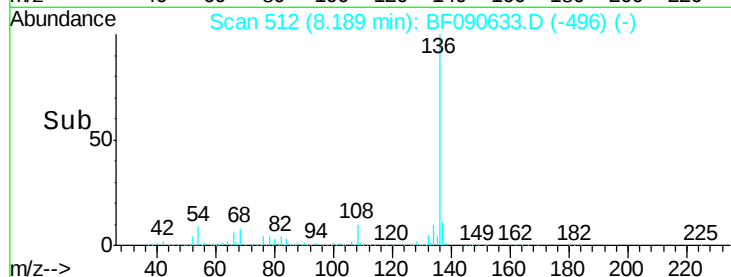


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

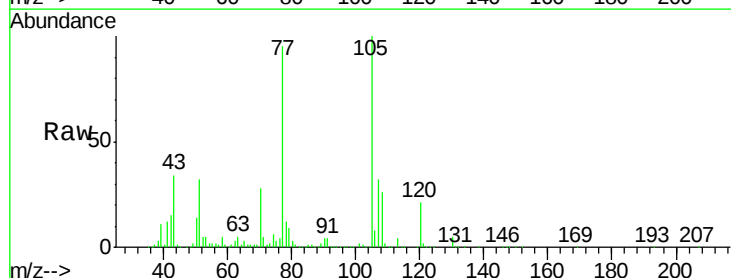
Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.24 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:105 Resp: 864079

Ion	Ratio	Lower	Upper
105	100		
71	4.9	8.5	12.7#
51	32.4	31.0	46.4
120	20.8	16.2	24.4

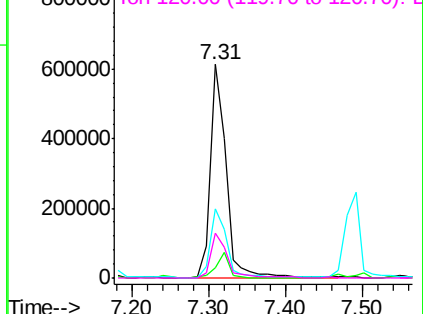
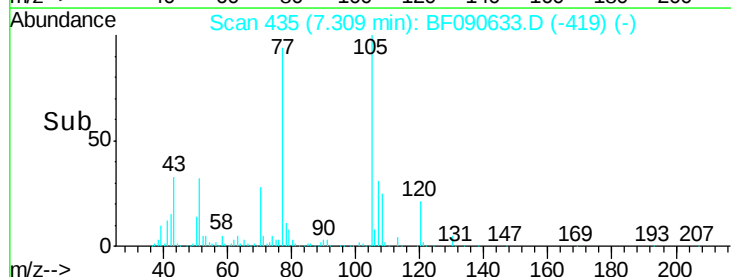


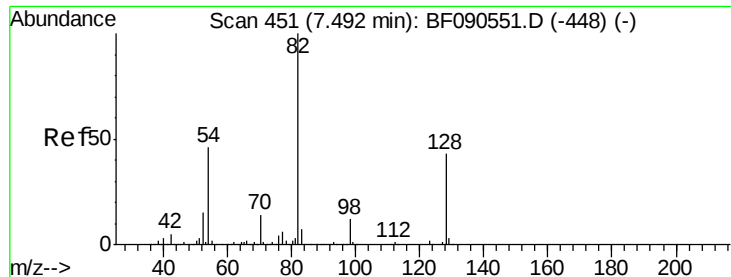
Abundance Ion 105.00 (104.70 to 105.70): E

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

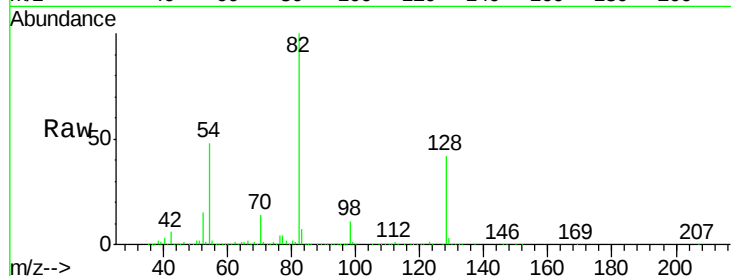




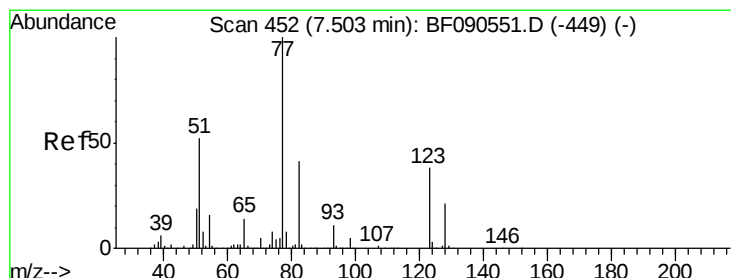
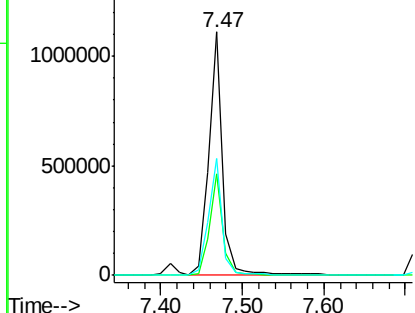
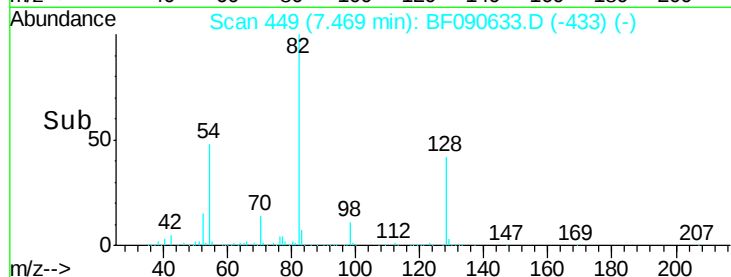
#23
Nitrobenzene-d5
Concen: 71.49 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

Tgt Ion: 82 Resp: 1316133
Ion Ratio Lower Upper
82 100
128 41.9 34.3 51.5
54 47.8 37.0 55.6

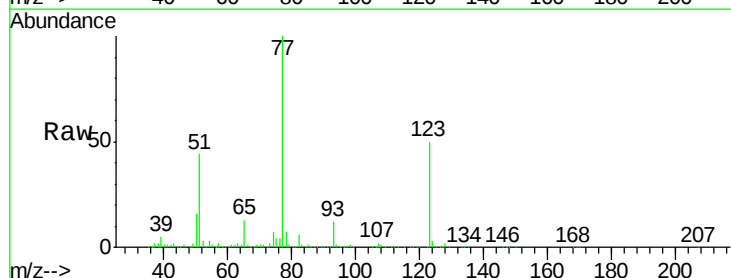


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

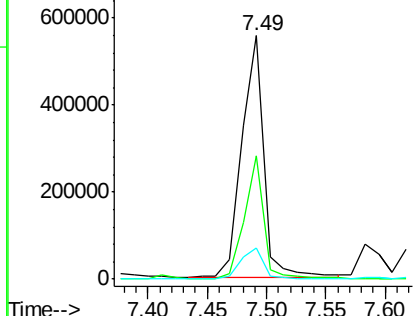
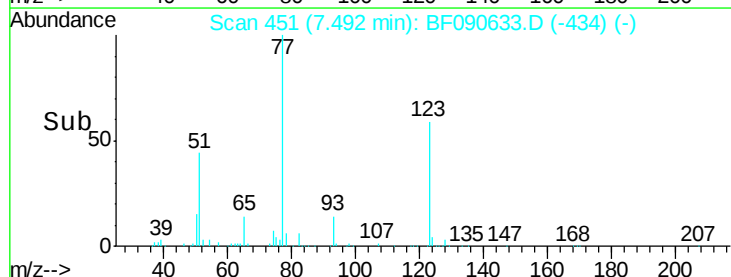


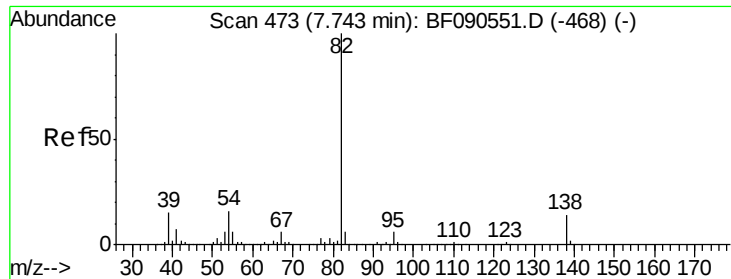
#24
Nitrobenzene
Concen: 37.56 ng
RT: 7.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion: 77 Resp: 709691
Ion Ratio Lower Upper
77 100
123 50.5 29.8 44.6#
65 12.9 10.9 16.3



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





#25

Isophorone

Concen: 37.61 ng

RT: 7.73 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

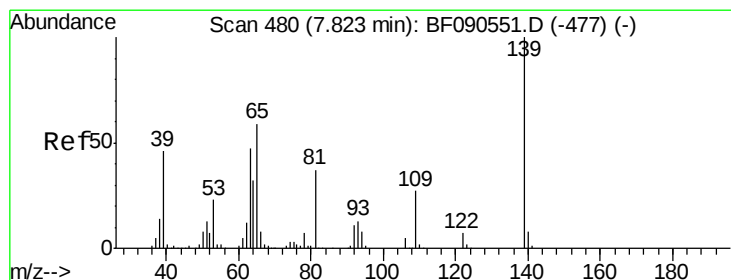
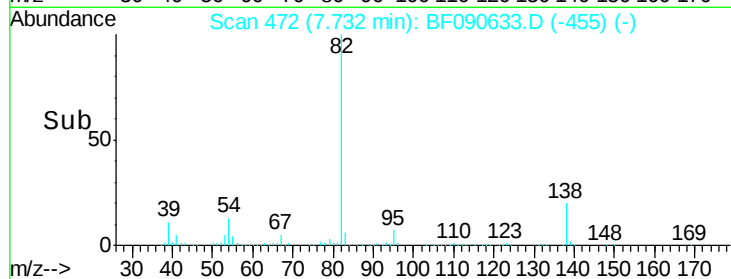
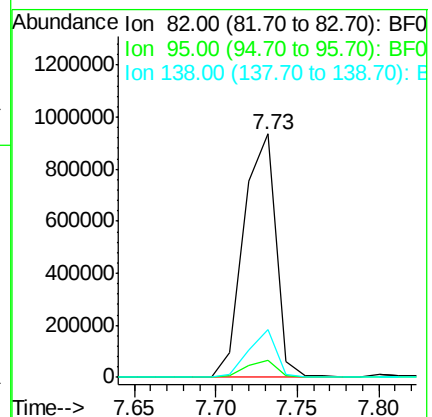
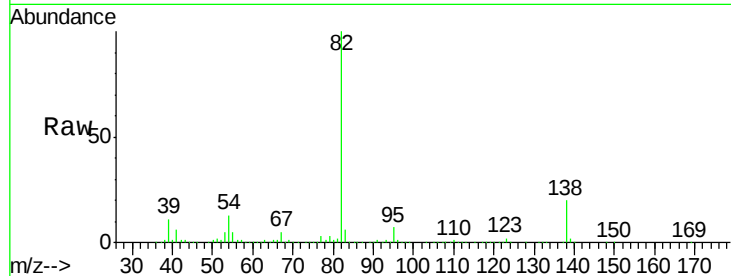
Tgt Ion: 82 Resp: 1260155

Ion Ratio Lower Upper

82 100

95 6.8 5.0 7.6

138 19.8 11.5 17.3#



#26

2-Nitrophenol

Concen: 31.92 ng

RT: 7.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

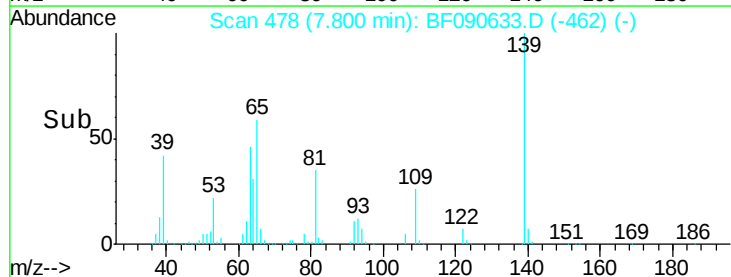
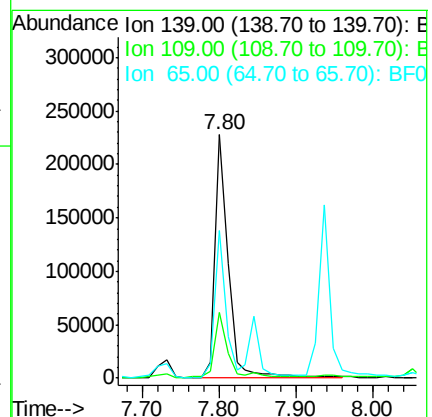
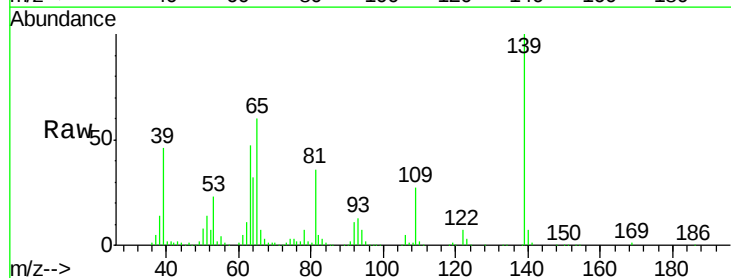
Tgt Ion: 139 Resp: 273634

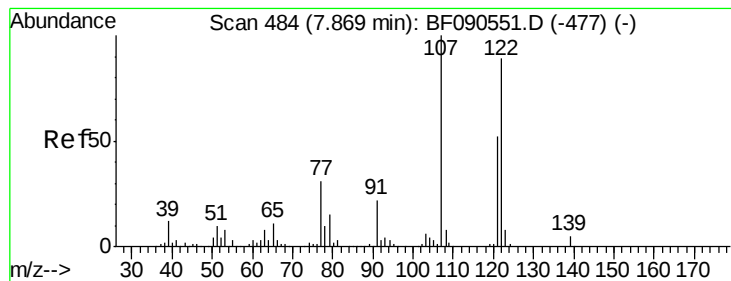
Ion Ratio Lower Upper

139 100

109 26.8 21.8 32.6

65 60.4 47.7 71.5

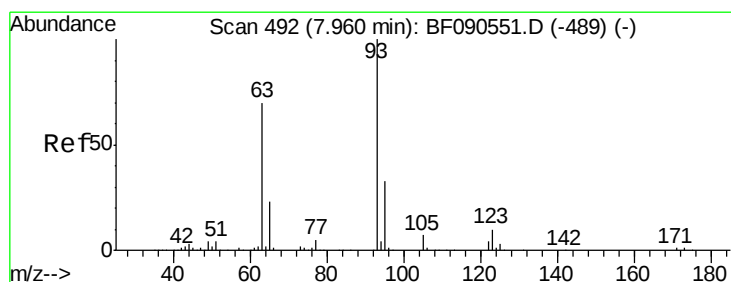
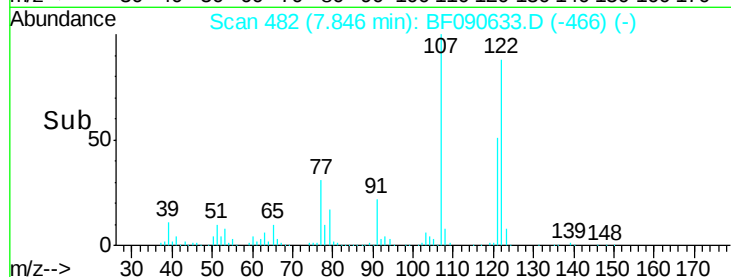
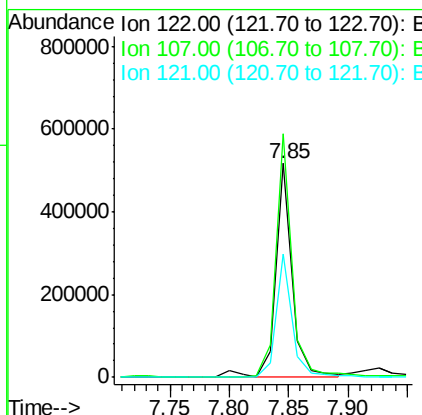
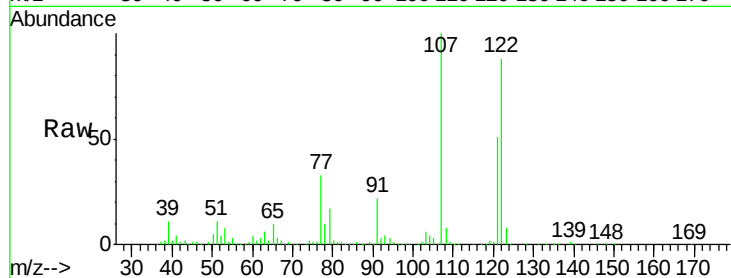




#27
2,4-Dimethylphenol
Concen: 35.14 ng
RT: 7.85 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

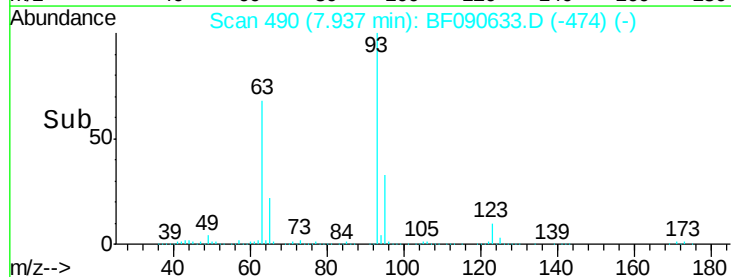
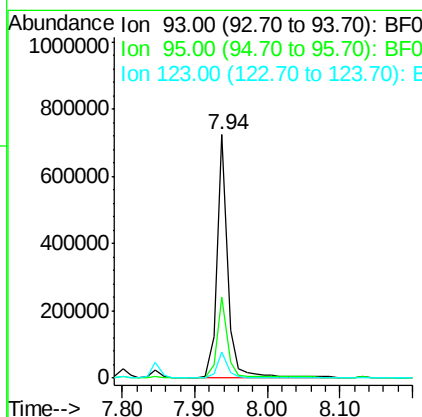
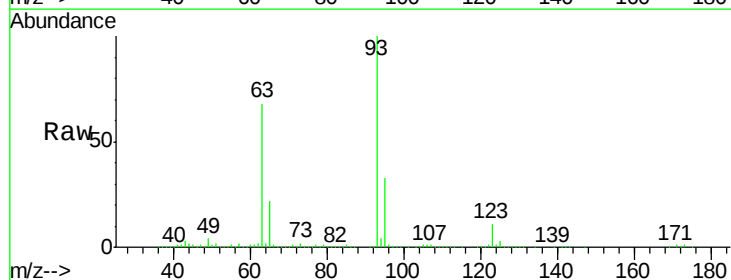
Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

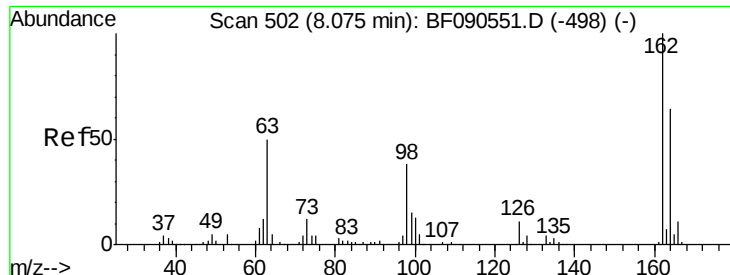
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.7	89.8	134.6
121	57.9	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 37.48 ng
RT: 7.94 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.2
123	10.5	8.6	13.0

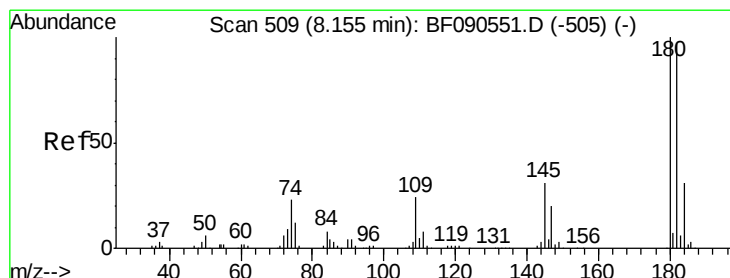
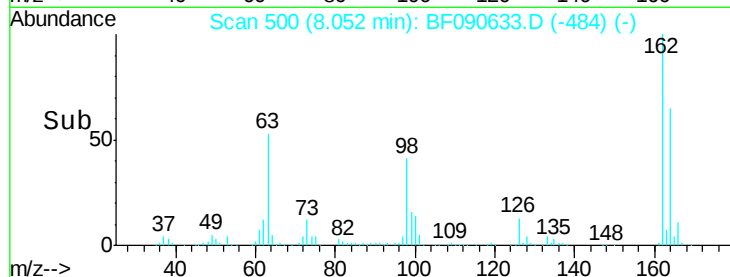
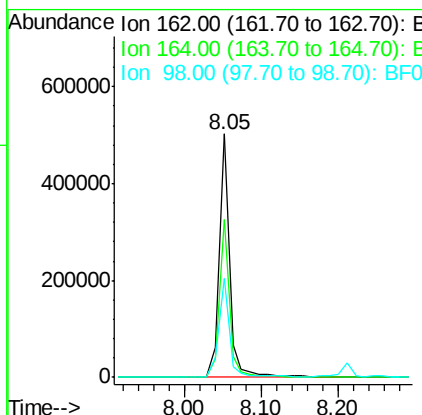
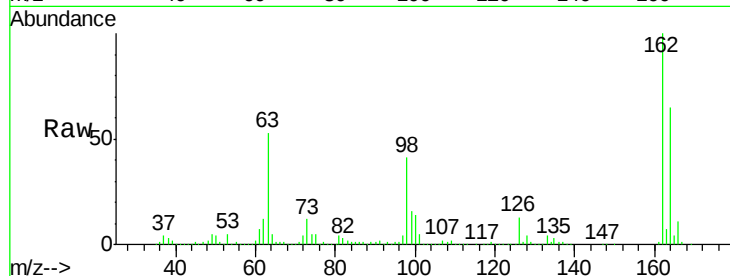




#29
2,4-Dichlorophenol
Concen: 38.03 ng
RT: 8.05 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

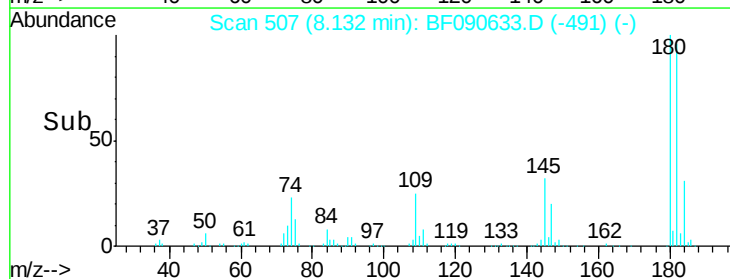
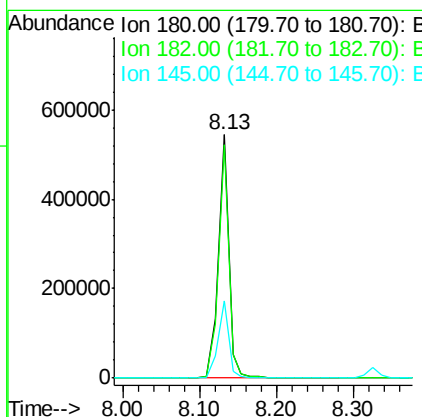
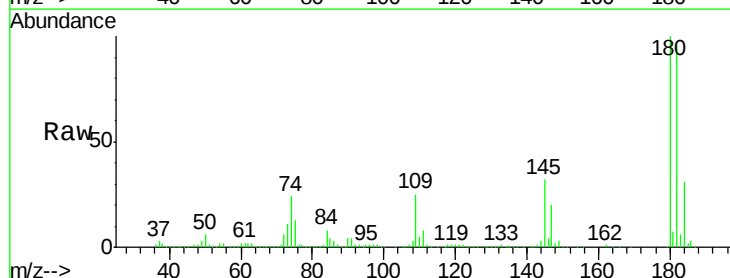
Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

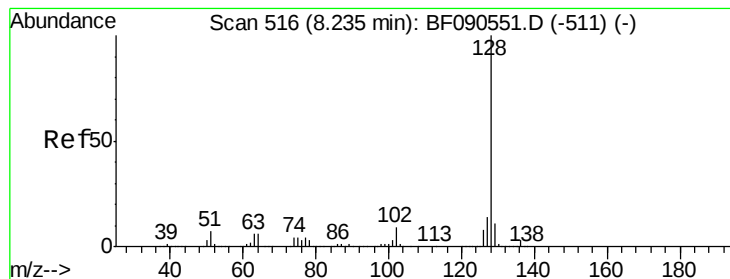
Tgt Ion:162 Resp: 473829
Ion Ratio Lower Upper
162 100
164 65.0 44.0 84.0
98 40.8 18.0 58.0



#30
1,2,4-Trichlorobenzene
Concen: 35.72 ng
RT: 8.13 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:180 Resp: 521205
Ion Ratio Lower Upper
180 100
182 95.6 77.2 115.8
145 32.0 24.4 36.6





#31

Naphthalene

Concen: 34.49 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

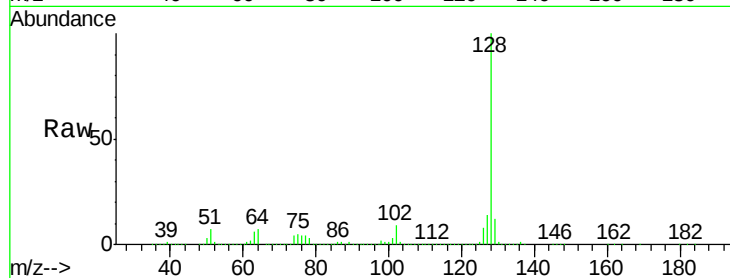
Tgt Ion:128 Resp: 1796996

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

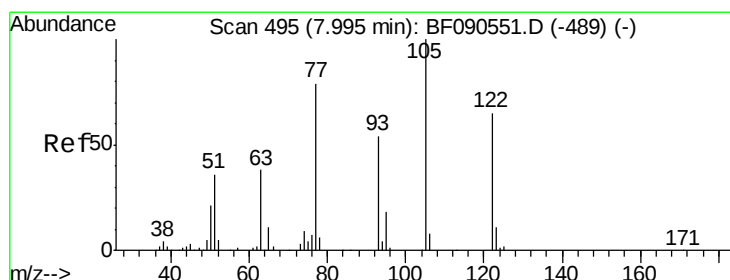
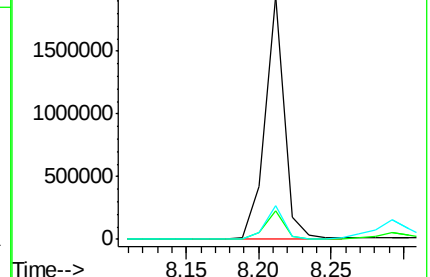
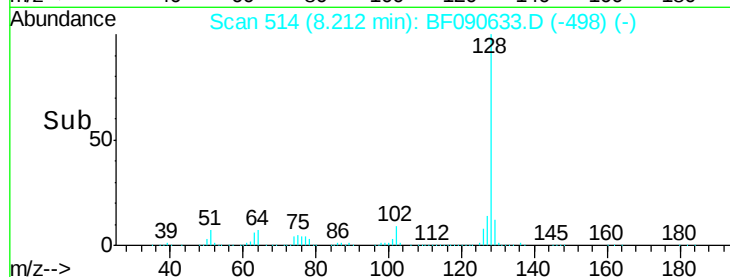
127 14.1 10.8 16.2



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: 6.08 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.08 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

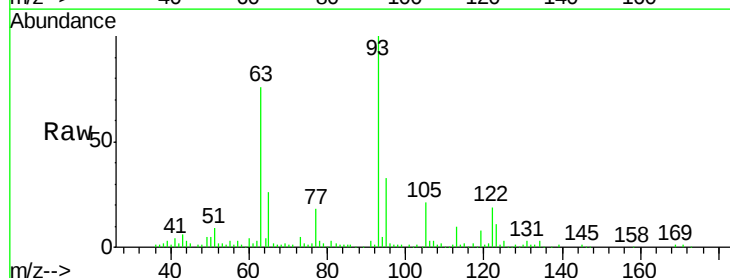
Tgt Ion:122 Resp: 53139

Ion Ratio Lower Upper

122 100

105 110.7 101.1 141.1

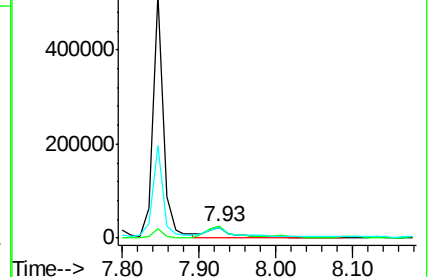
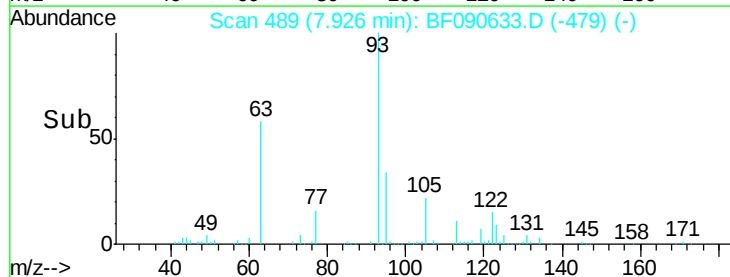
77 97.5 84.7 124.7

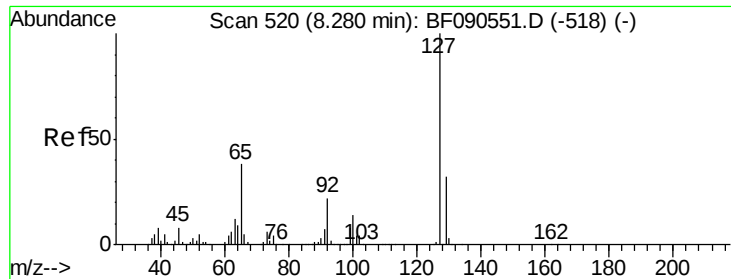


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

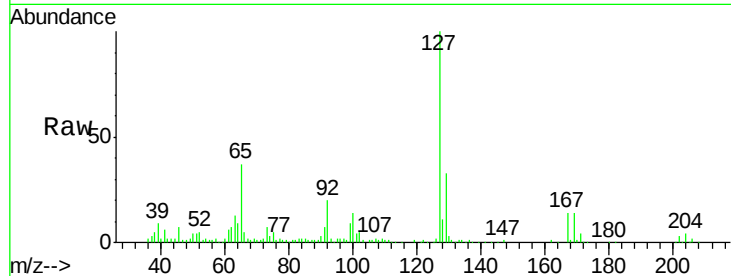




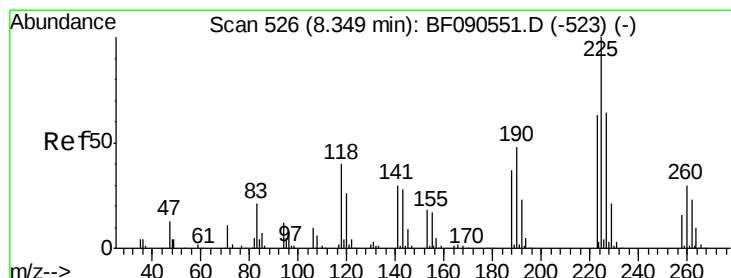
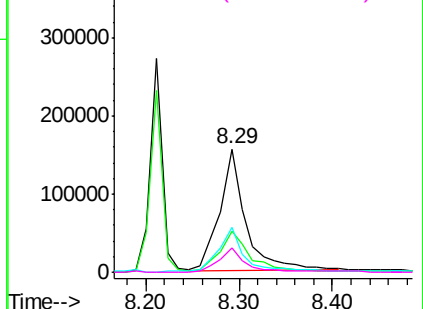
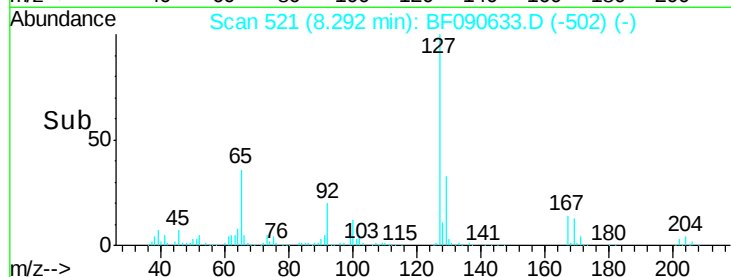
#33
4-Chloroaniline
Concen: 15.25 ng
RT: 8.29 min Scan# 521
Delta R.T. 0.02 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

Tgt Ion:	127	Resp:	303682
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	36.8	30.1	45.1
92	19.9	17.2	25.8

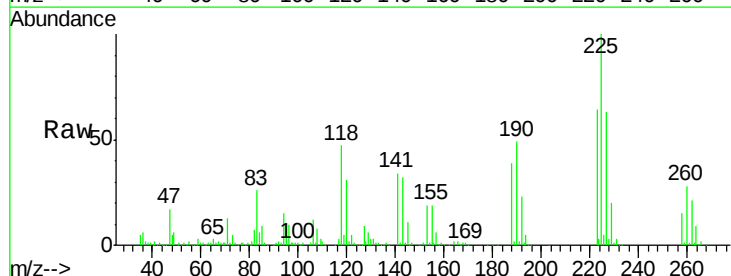


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

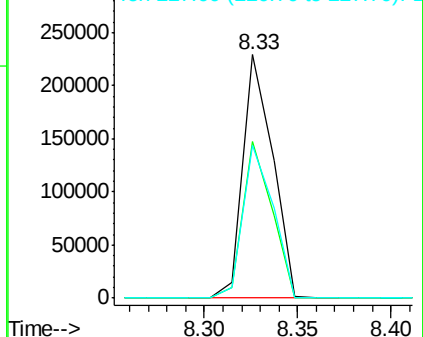
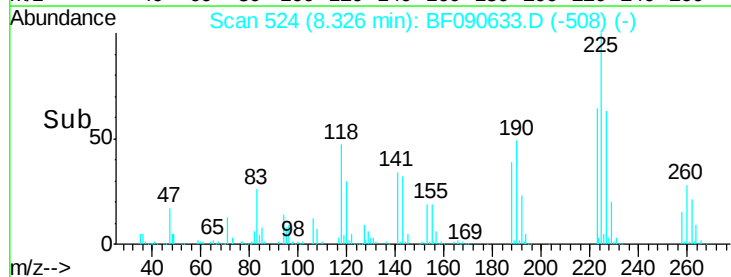


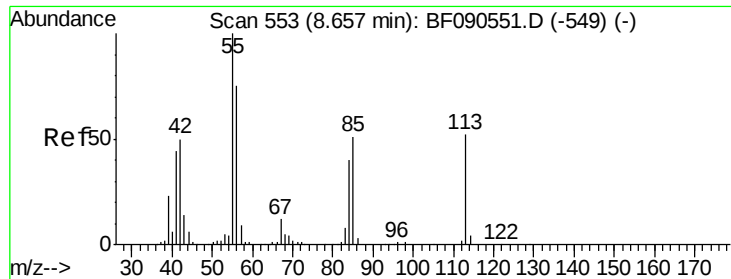
#34
Hexachlorobutadiene
Concen: 31.46 ng
RT: 8.33 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:	225	Resp:	256524
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	63.0	51.4	77.2



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

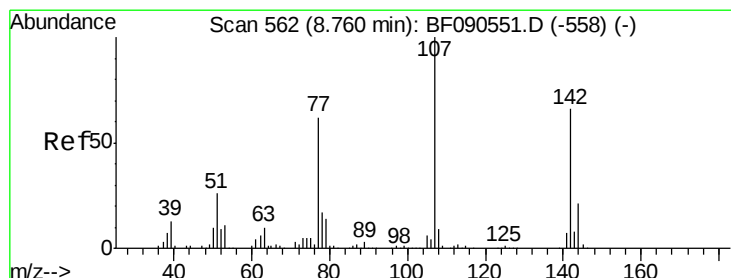
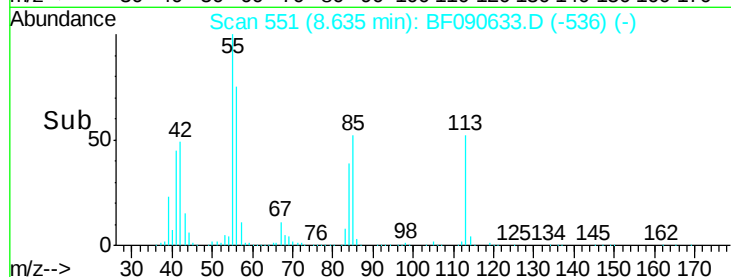
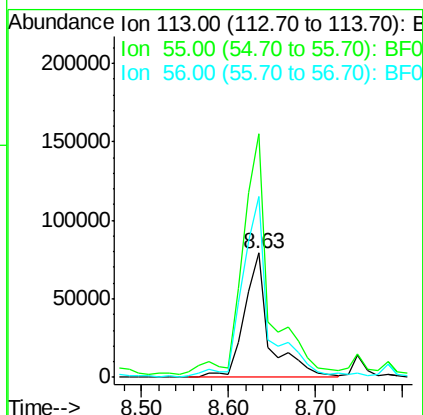
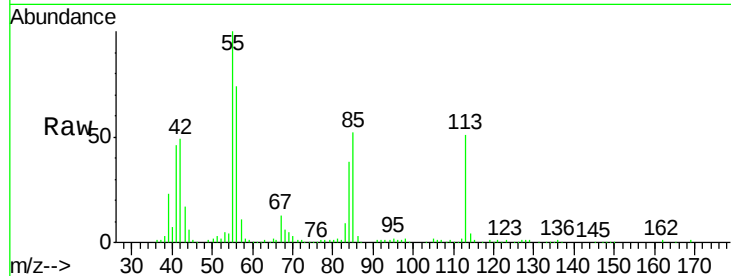




#35
 Caprolactam
 Concen: 45.99 ng
 RT: 8.63 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

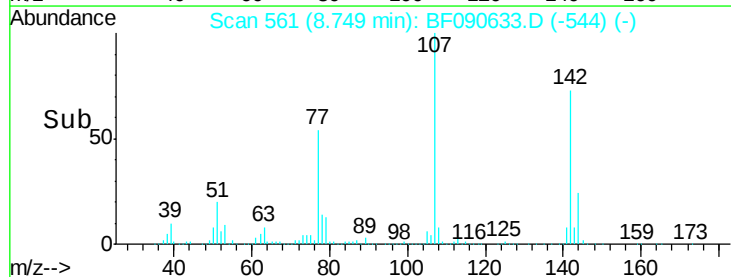
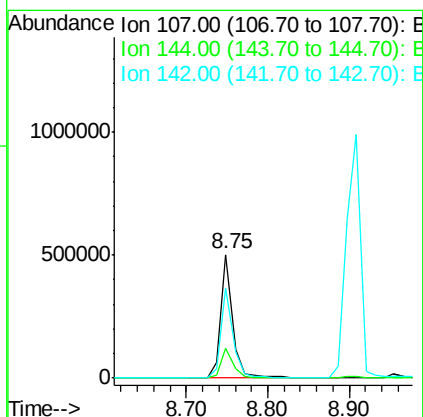
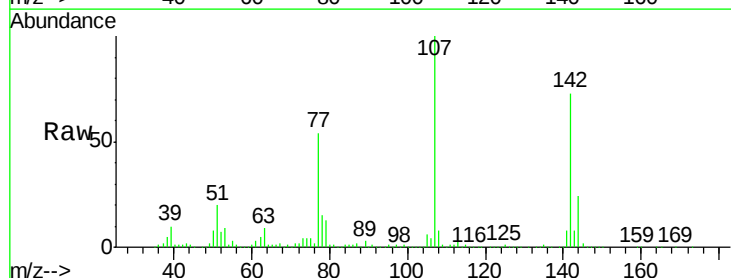
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

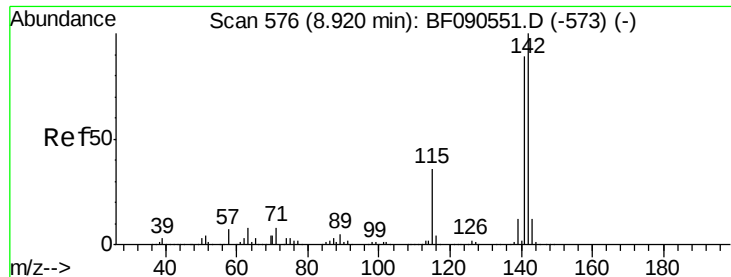
Tgt Ion:113 Resp: 159917
 Ion Ratio Lower Upper
 113 100
 55 196.1 170.8 210.8
 56 145.9 122.4 162.4



#36
 4-Chloro-3-methylphenol
 Concen: 35.20 ng
 RT: 8.75 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:107 Resp: 506083
 Ion Ratio Lower Upper
 107 100
 144 23.8 16.9 25.3
 142 72.7 52.5 78.7

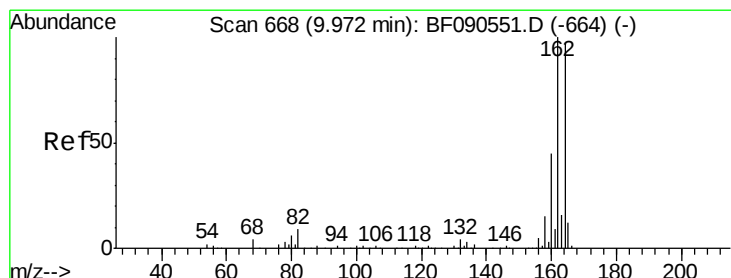
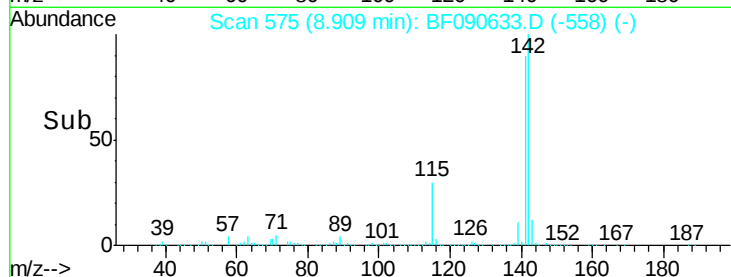
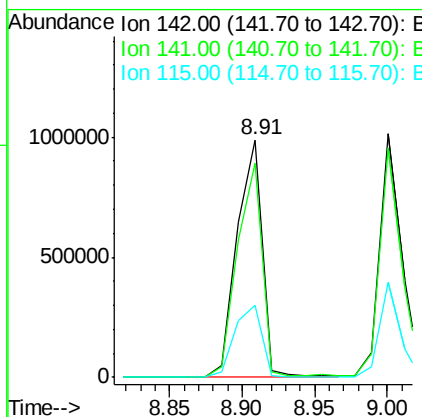
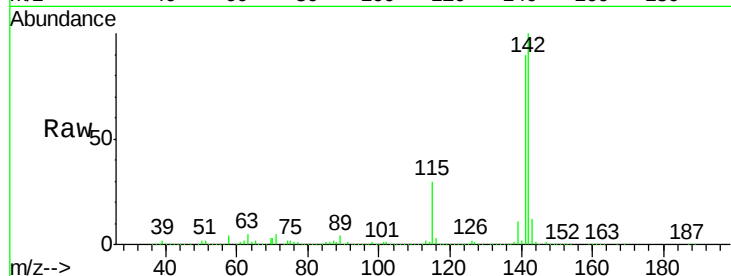




#37
 2-Methylnaphthalene
 Concen: 38.80 ng
 RT: 8.91 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

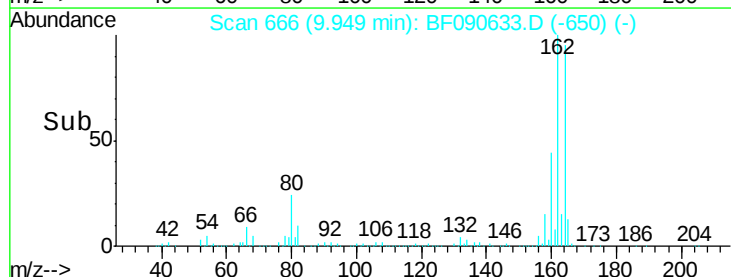
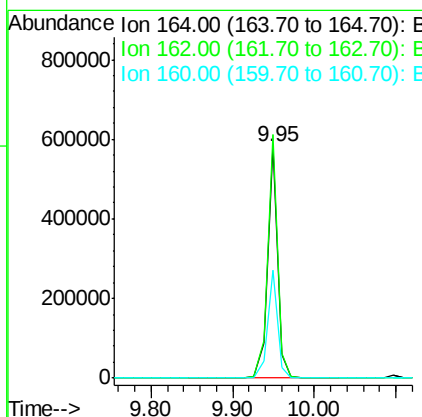
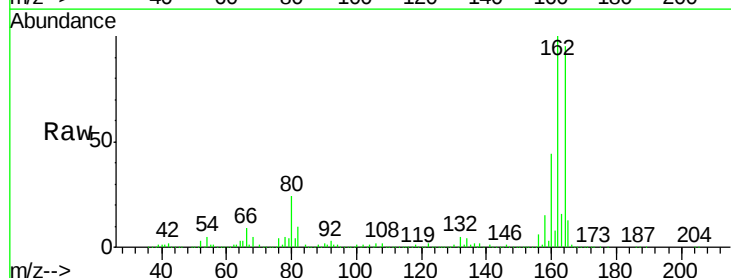
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

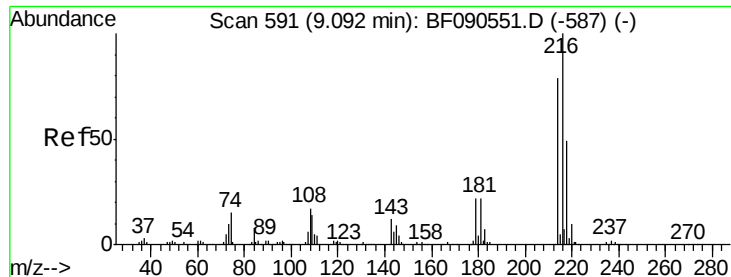
Tgt Ion:142 Resp: 1187237
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.3 106.9
 115 30.1 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:164 Resp: 508781
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.2 123.4
 160 46.7 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.33 ng

RT: 9.07 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

Tgt Ion:216 Resp: 436073

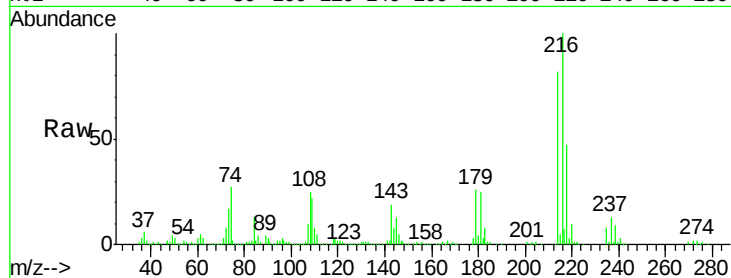
Ion Ratio Lower Upper

216 100

214 80.2 63.5 95.3

179 24.2 18.9 28.3

108 23.8 17.8 26.6

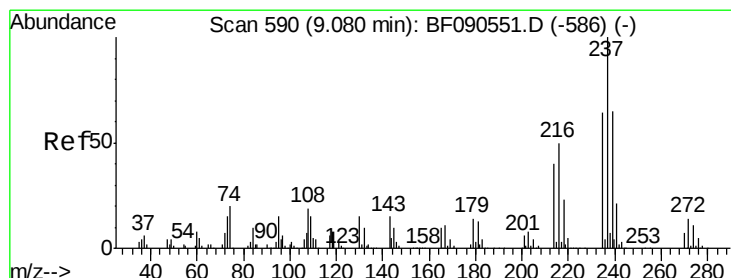
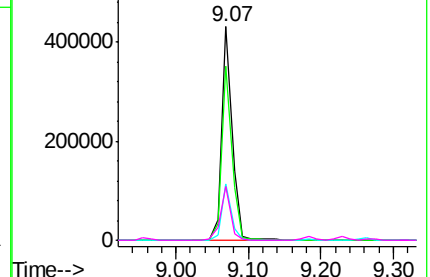
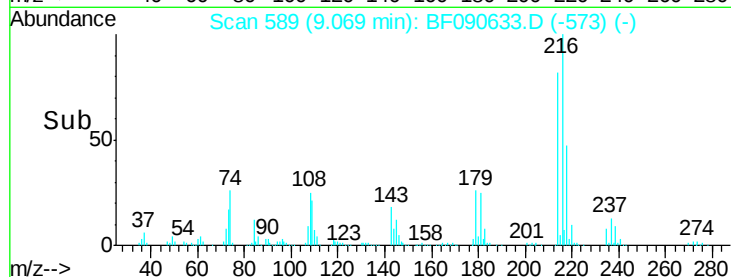


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.40 ng

RT: 9.06 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

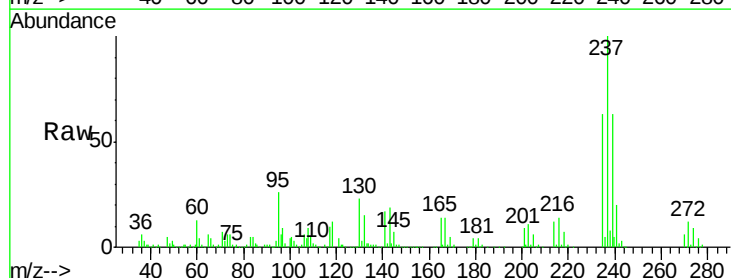
Tgt Ion:237 Resp: 259650

Ion Ratio Lower Upper

237 100

235 62.9 43.8 83.8

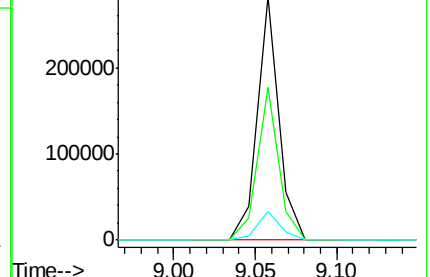
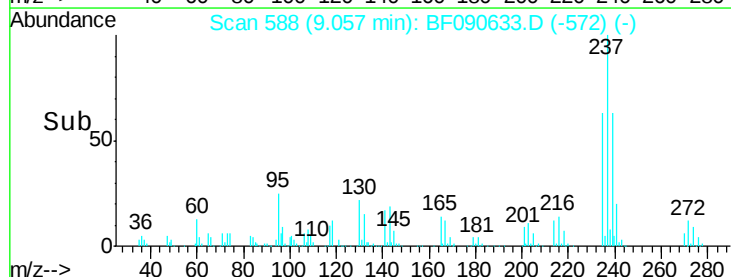
272 11.7 0.0 33.7

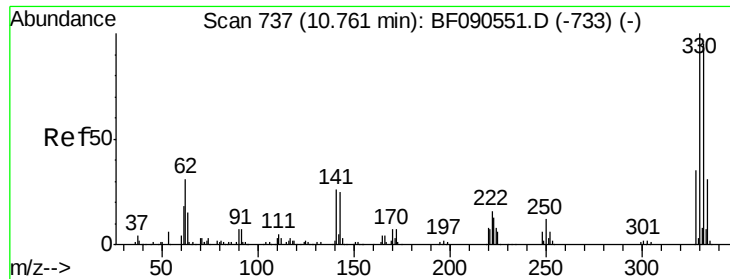


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

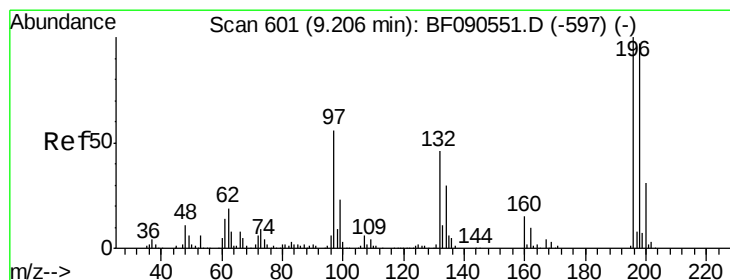
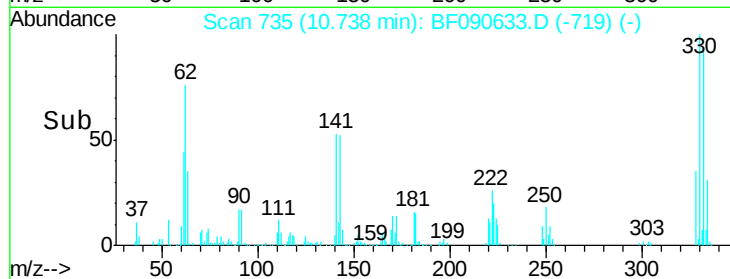
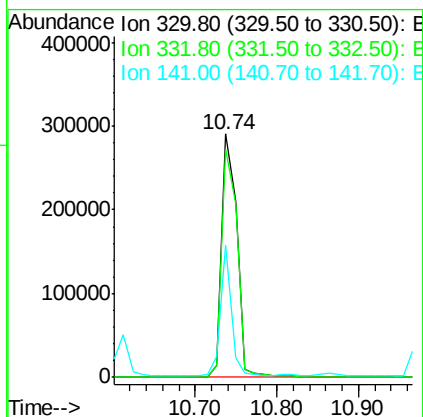
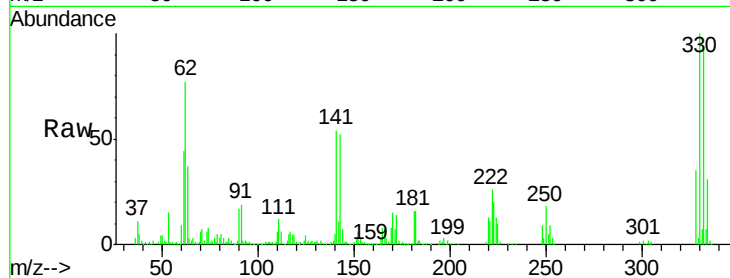




#41
 2,4,6-Tribromophenol
 Concen: 82.01 ng
 RT: 10.74 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

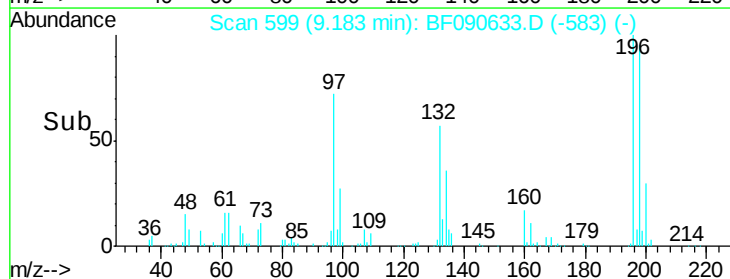
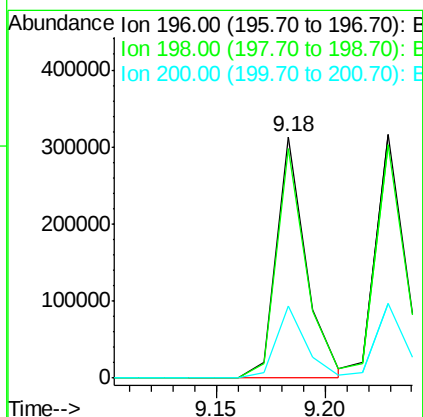
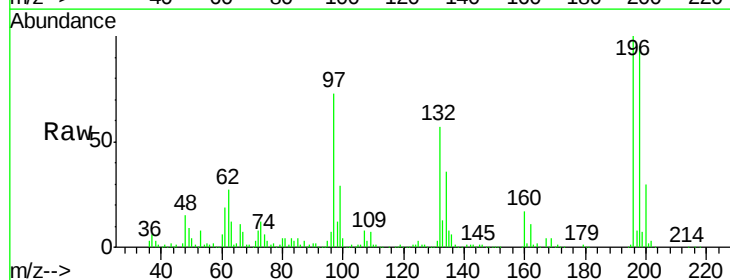
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

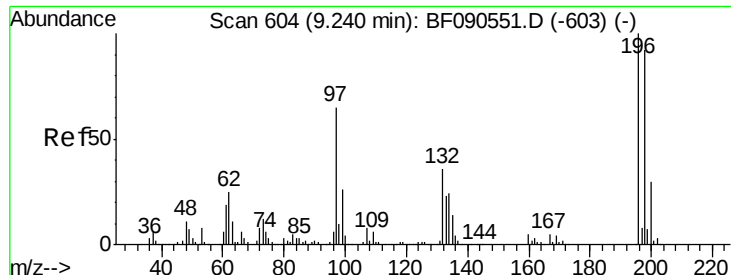
Tgt Ion:330 Resp: 371986
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.2
 141 38.3 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.30 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:196 Resp: 299071
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.9 116.9
 200 30.1 25.1 37.7

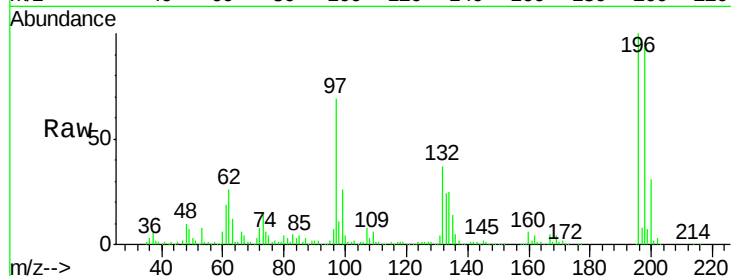




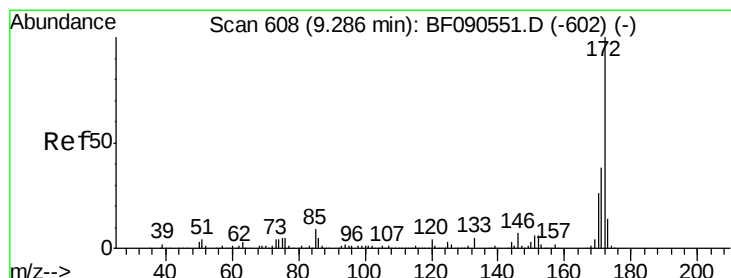
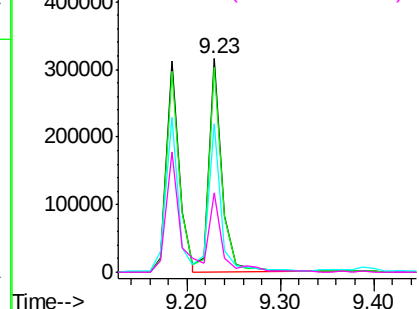
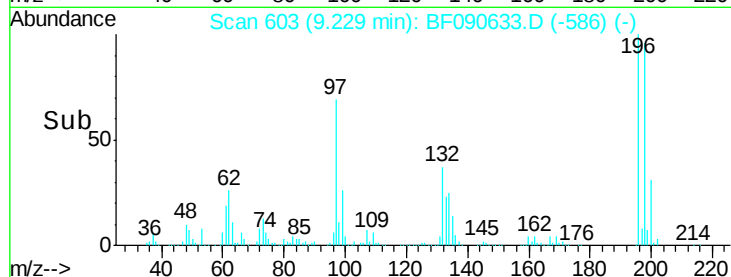
#43
 2,4,5-Trichlorophenol
 Concen: 34.02 ng
 RT: 9.23 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

Tgt Ion:196 Resp: 308792
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.0 111.0
 97 69.3 54.7 82.1
 132 37.3 30.5 45.7

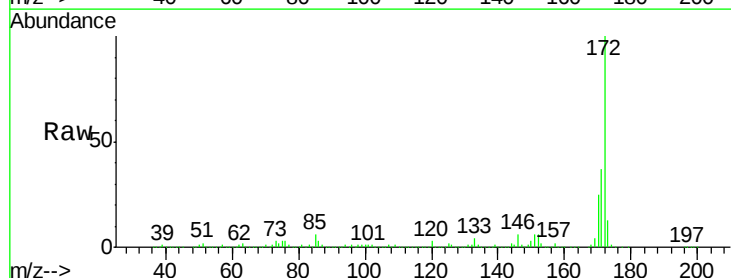


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

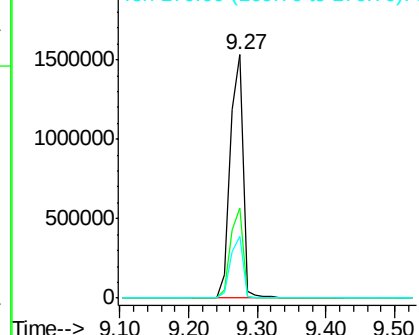
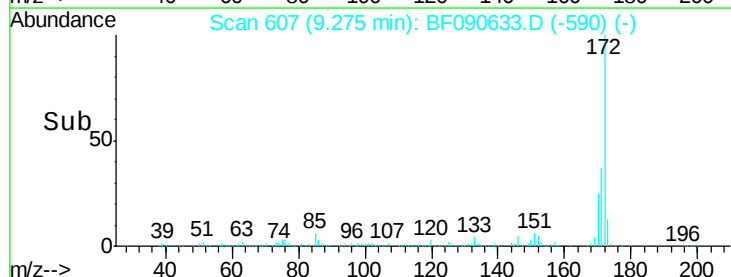


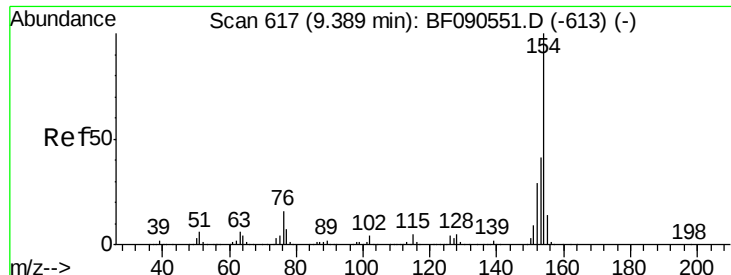
#44
 2-Fluorobiphenyl
 Concen: 66.41 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:172 Resp: 2050696
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.1 45.1
 170 25.2 20.6 30.8



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

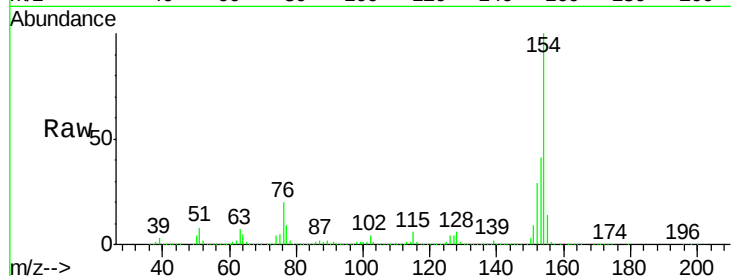




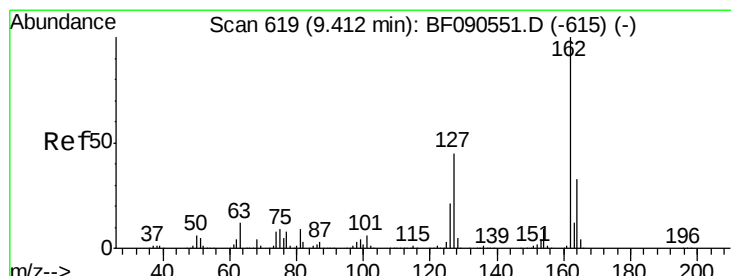
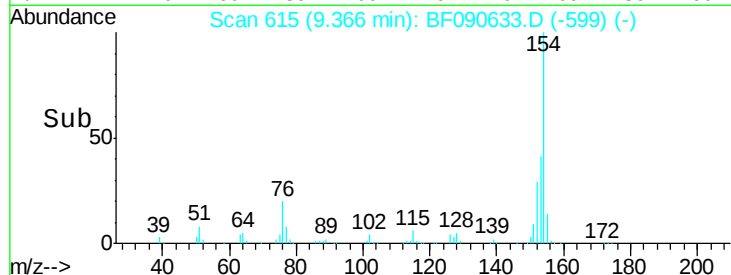
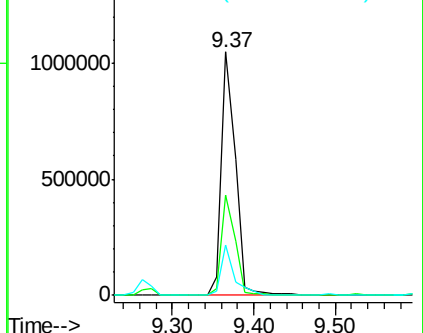
#45
 1,1'-Biphenyl
 Concen: 32.14 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

Tgt Ion:154 Resp: 1244531
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.5 61.5
 76 20.5 0.0 36.0

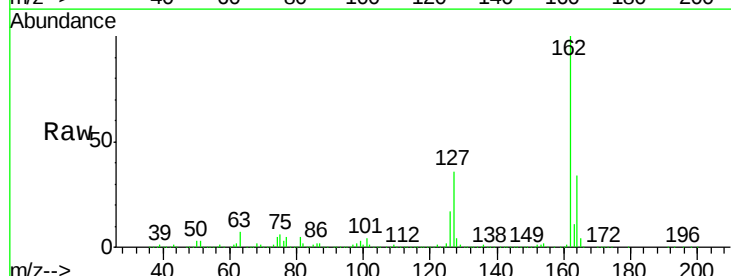


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

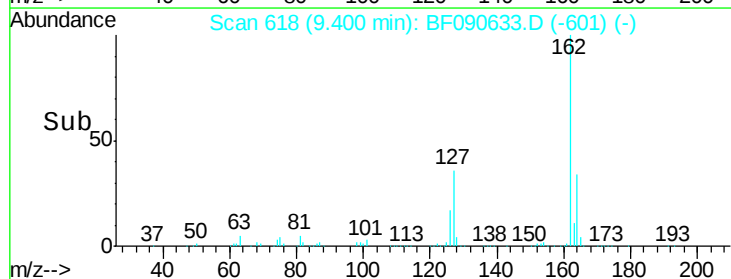
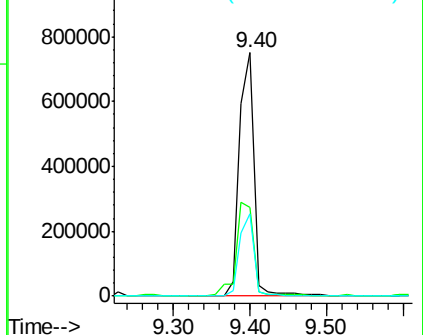


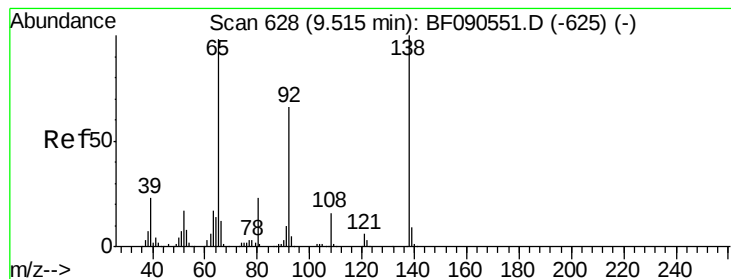
#46
 2-Chloronaphthalene
 Concen: 35.22 ng
 RT: 9.40 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:162 Resp: 1016759
 Ion Ratio Lower Upper
 162 100
 127 36.4 35.9 53.9
 164 34.0 26.7 40.1



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





#47

2-Nitroaniline

Concen: 32.82 ng

RT: 9.49 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

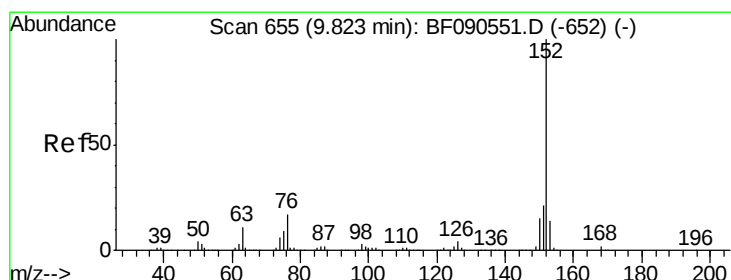
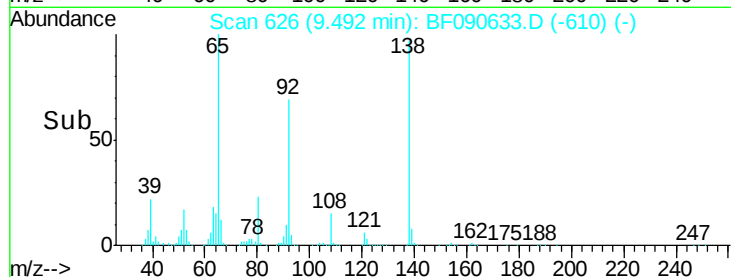
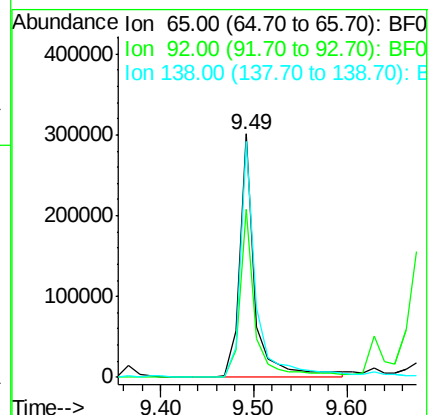
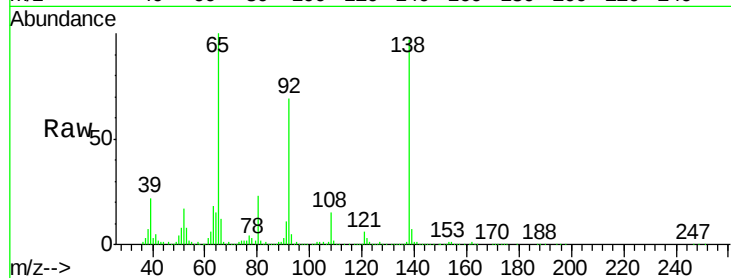
Tgt Ion: 65 Resp: 343522

Ion Ratio Lower Upper

65 100

92 69.1 54.3 81.5

138 97.2 81.7 122.5



#48

Acenaphthylene

Concen: 35.32 ng

RT: 9.81 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

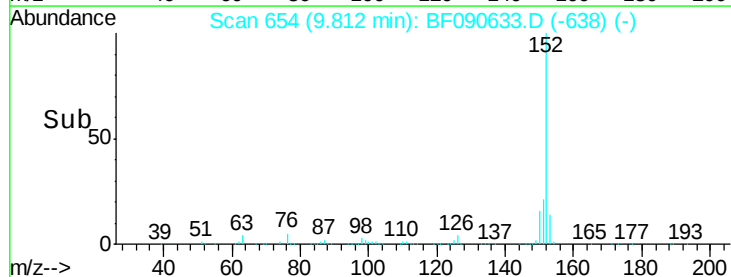
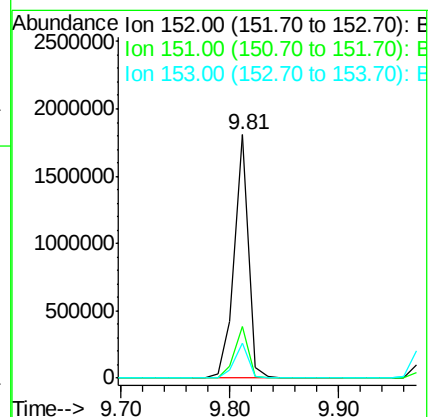
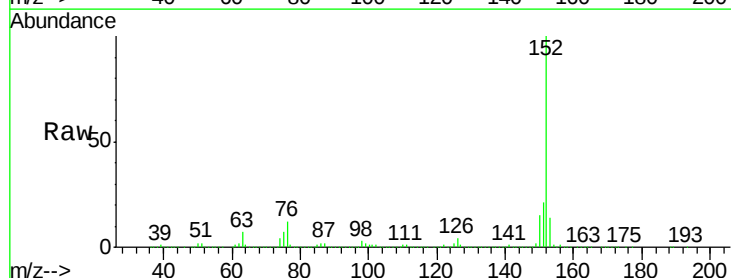
Tgt Ion: 152 Resp: 1623619

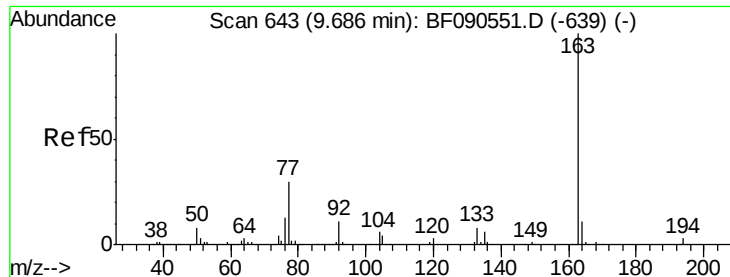
Ion Ratio Lower Upper

152 100

151 21.3 16.6 25.0

153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 47.03 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

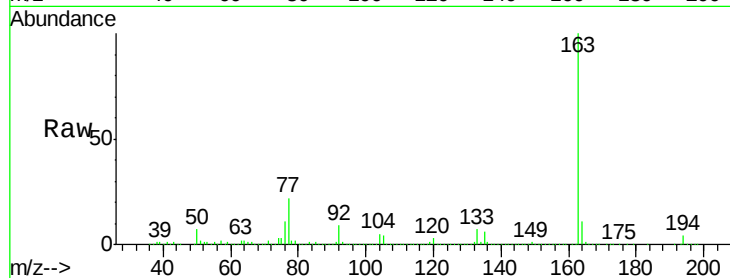
Tgt Ion:163 Resp: 1552553

Ion Ratio Lower Upper

163 100

194 3.7 2.3 3.5#

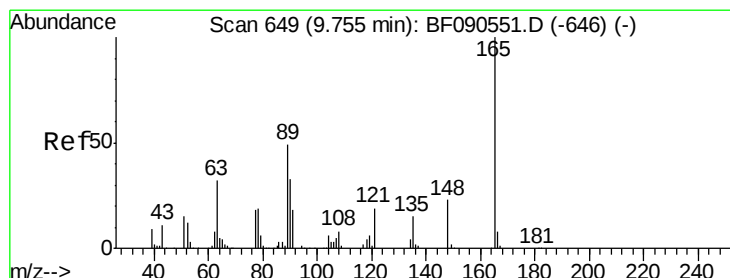
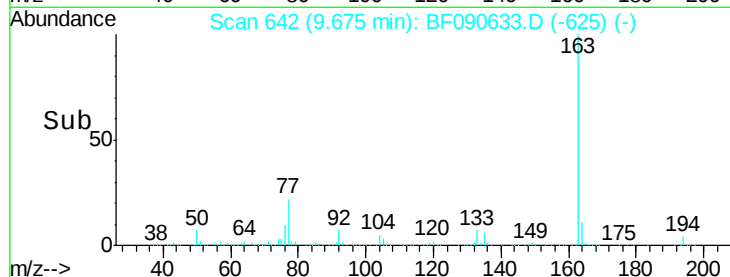
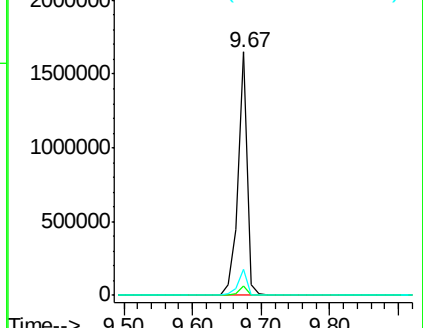
164 10.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.33 ng

RT: 9.73 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

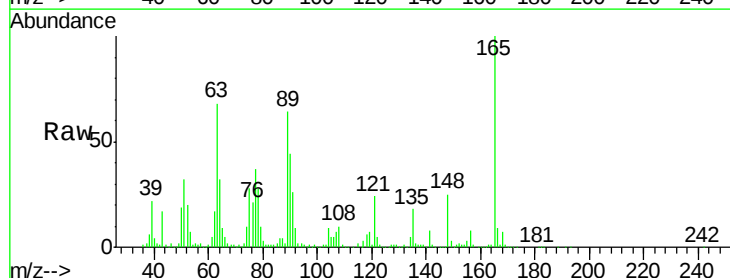
Tgt Ion:165 Resp: 233510

Ion Ratio Lower Upper

165 100

63 68.2 40.1 60.1#

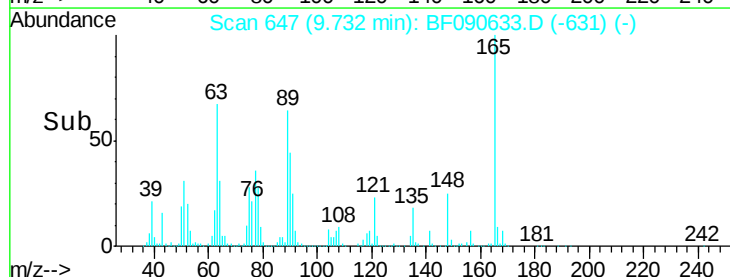
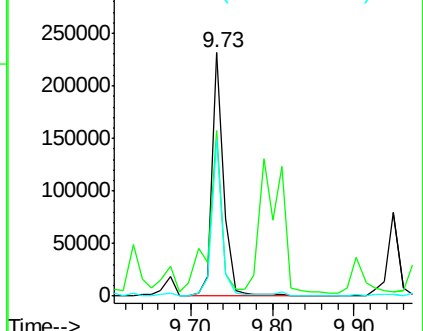
89 64.4 39.5 59.3#

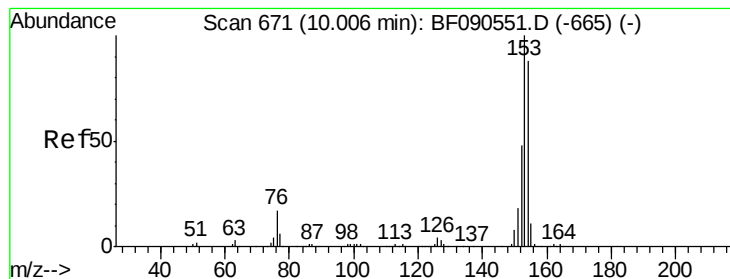


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.11 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

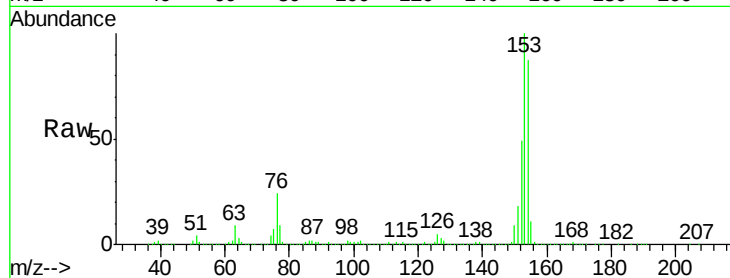
Tgt Ion:154 Resp: 950638

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

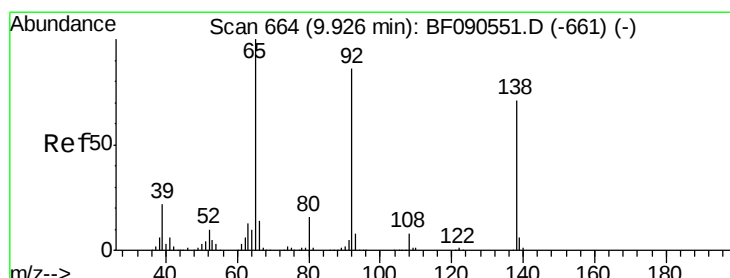
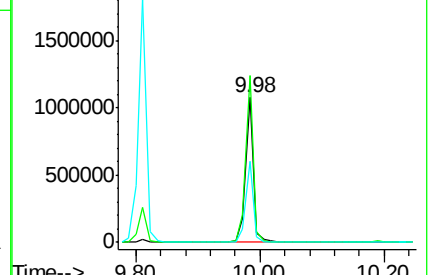
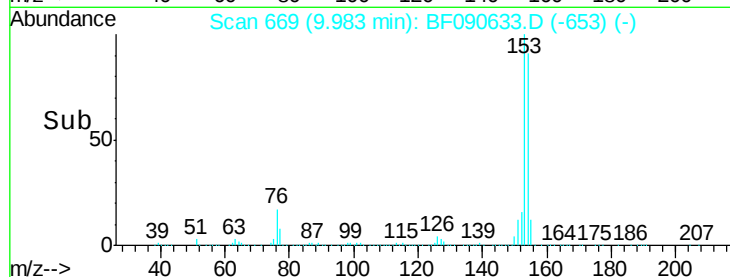
152 56.4 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.85 ng

RT: 9.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

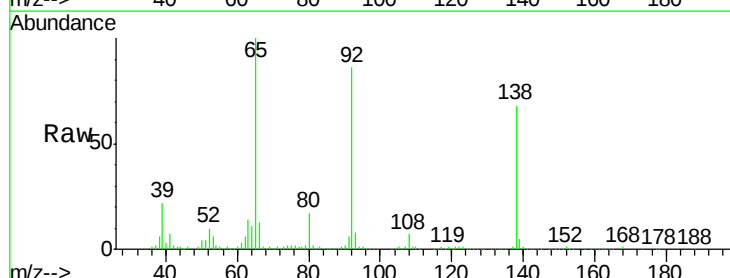
Tgt Ion:138 Resp: 243379

Ion Ratio Lower Upper

138 100

108 10.6 8.6 12.8

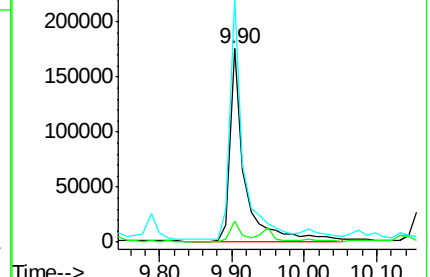
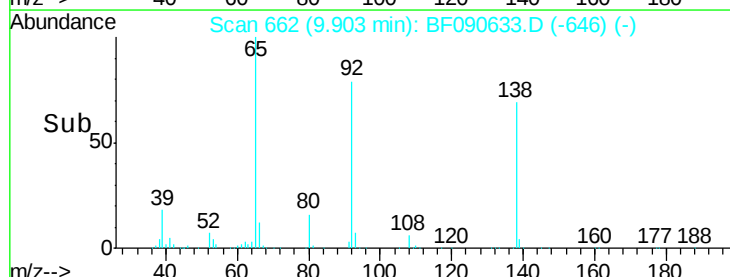
92 125.8 97.8 146.8

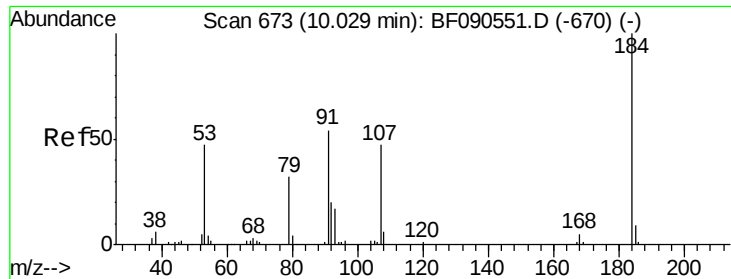


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

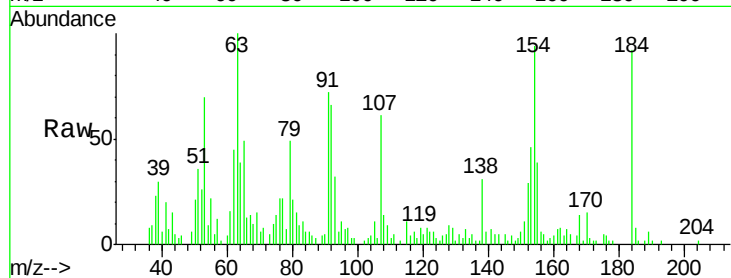




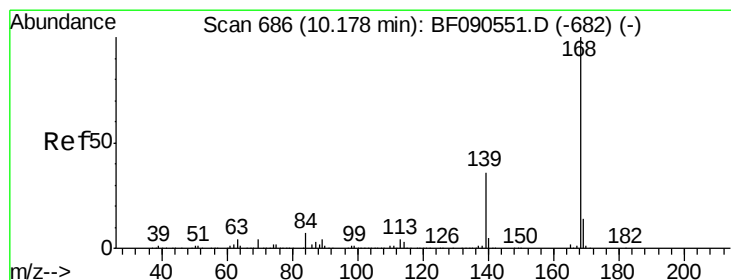
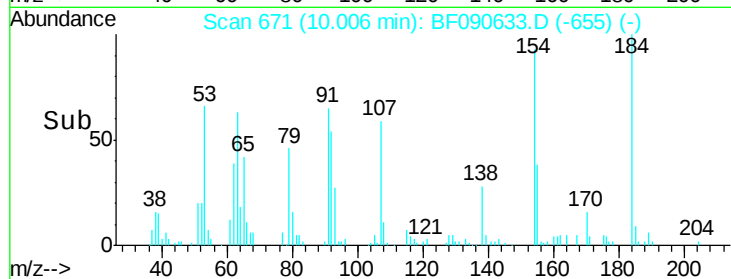
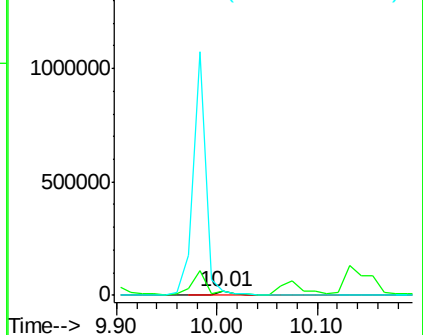
#53
2,4-Dinitrophenol
Concen: 12.58 ng
RT: 10.01 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

Tgt Ion:184 Resp: 29146
Ion Ratio Lower Upper
184 100
63 108.2 60.2 90.2#
154 101.8 86.1 129.1

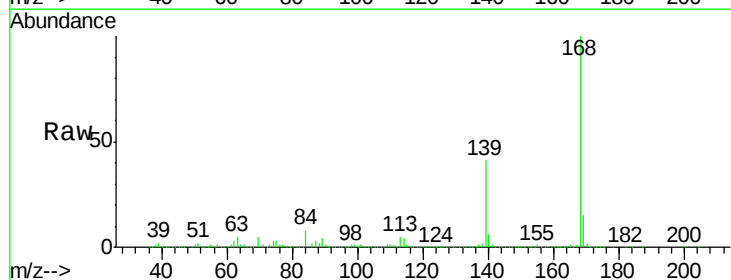


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

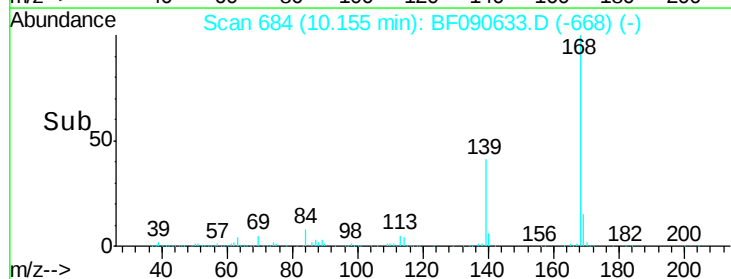
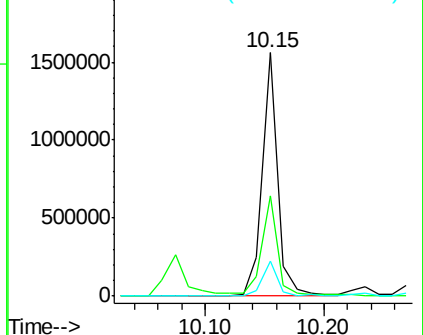


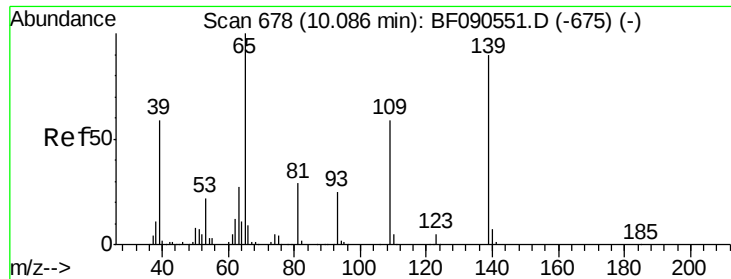
#54
Dibenzofuran
Concen: 35.62 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:168 Resp: 1431800
Ion Ratio Lower Upper
168 100
139 41.3 30.5 45.7
169 14.6 10.9 16.3



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

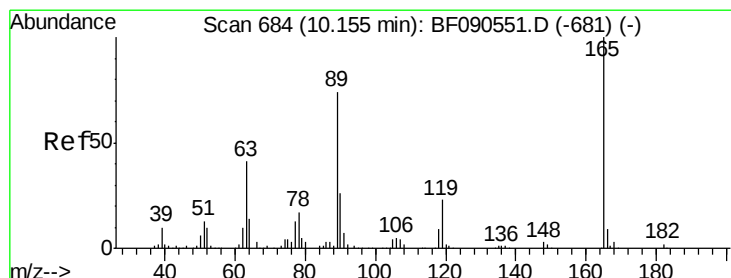
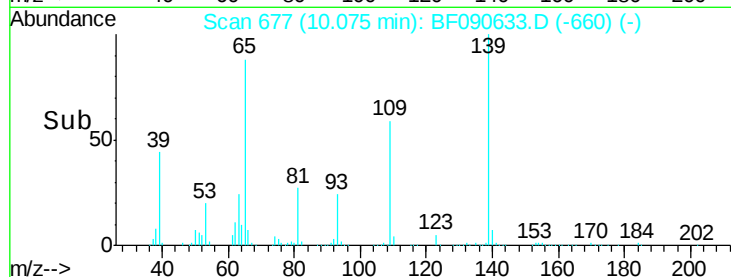
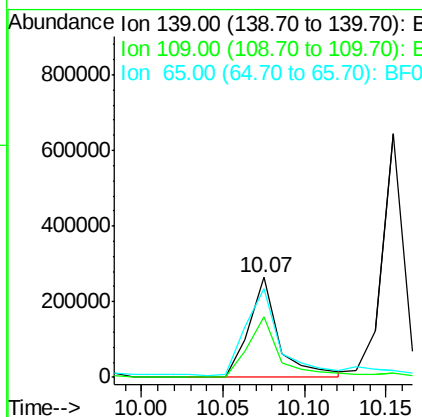
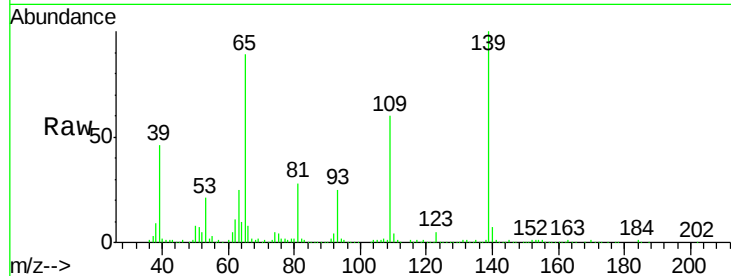




#55
4-Nitrophenol
Concen: 62.42 ng
RT: 10.07 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

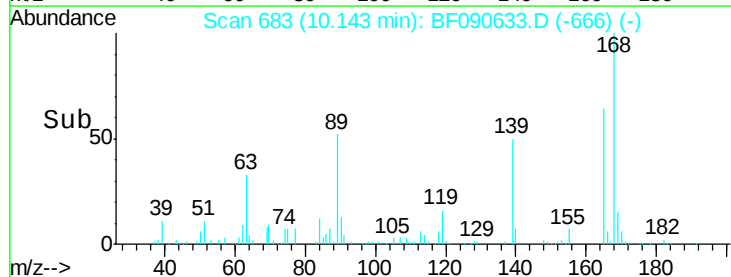
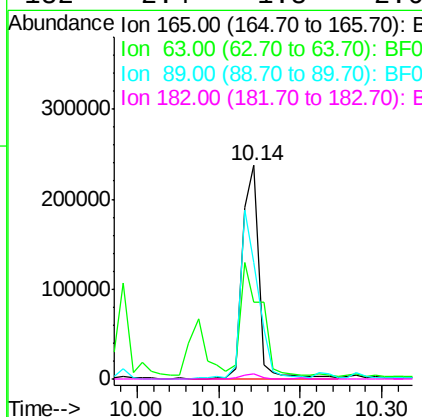
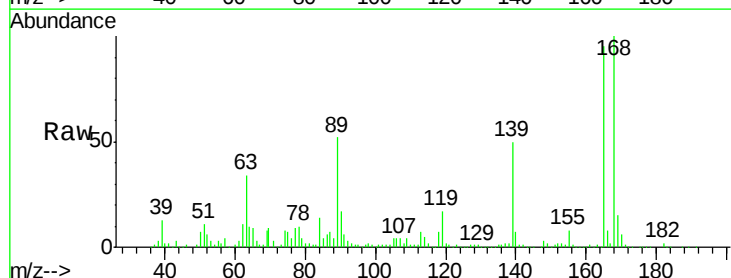
Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

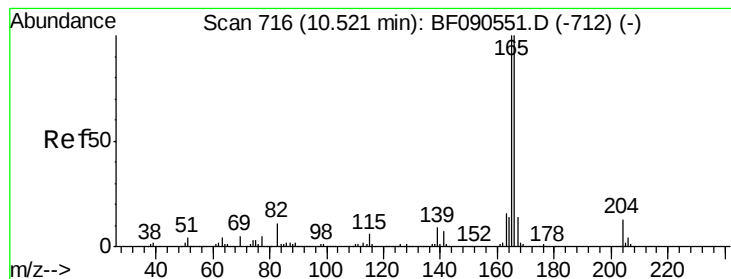
Tgt Ion:139 Resp: 340465
Ion Ratio Lower Upper
139 100
109 60.1 45.9 85.9
65 89.2 95.8 135.8#



#56
2,4-Dinitrotoluene
Concen: 33.22 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:165 Resp: 325963
Ion Ratio Lower Upper
165 100
63 36.1 35.4 53.0
89 54.4 59.0 88.4#
182 2.4 1.8 2.6





#57

Fluorene

Concen: 32.78 ng

RT: 10.50 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

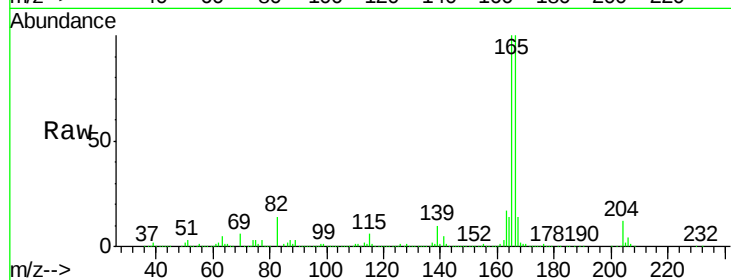
Tgt Ion:166 Resp: 1086654

Ion Ratio Lower Upper

166 100

165 99.5 79.9 119.9

167 14.0 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.50

1500000

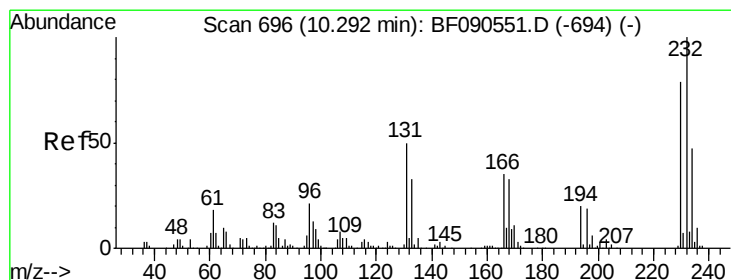
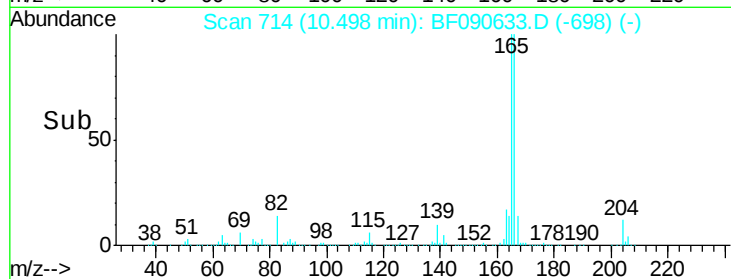
1000000

500000

0

Time-->

10.40 10.50 10.60



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.37 ng

RT: 10.28 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Tgt Ion:232 Resp: 222056

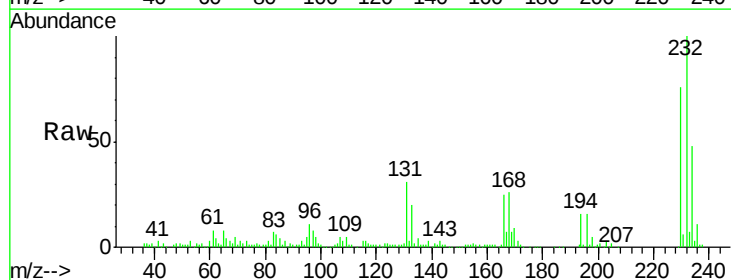
Ion Ratio Lower Upper

232 100

131 51.2 42.6 64.0

130 2.7 1.8 2.8

166 34.6 27.5 41.3



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.28

1500000

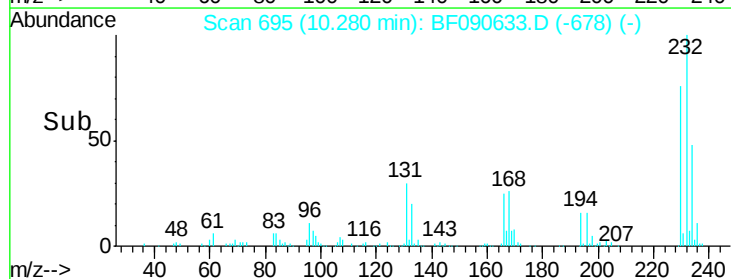
1000000

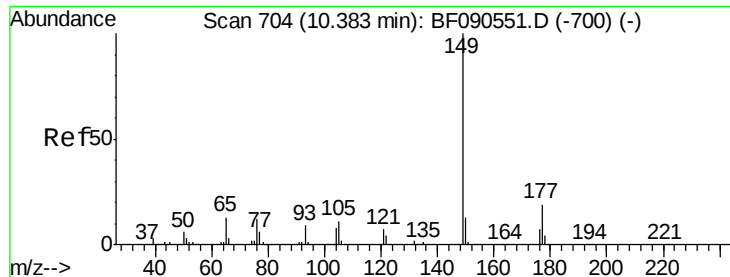
500000

0

Time-->

10.20 10.30 10.40

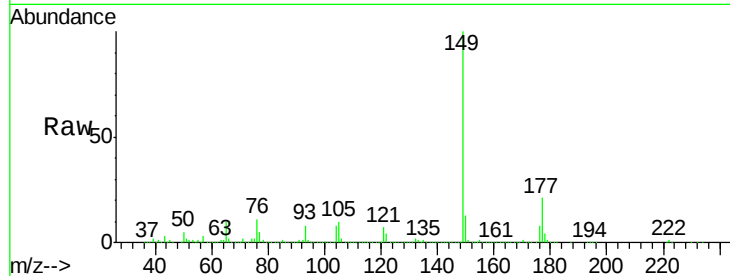




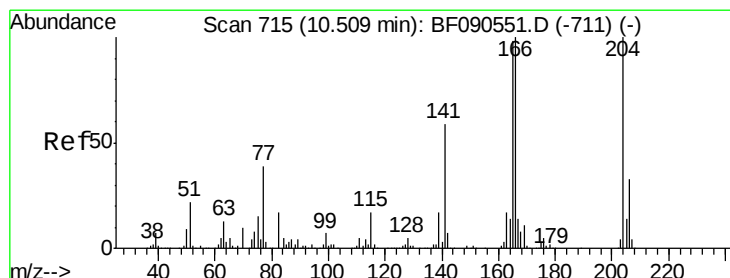
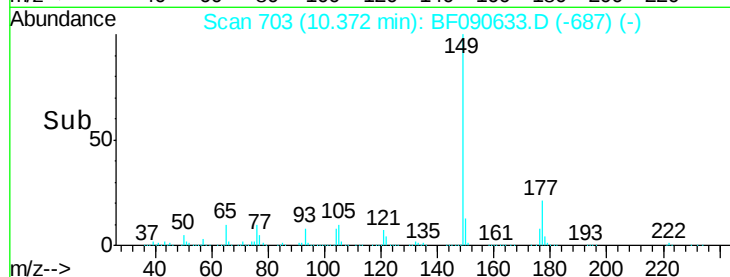
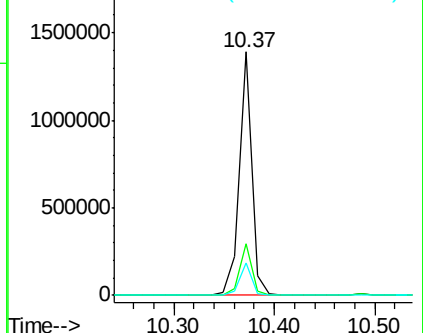
#59
Diethylphthalate
Concen: 35.94 ng
RT: 10.37 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

Tgt Ion:149 Resp: 1203131
Ion Ratio Lower Upper
149 100
177 21.3 15.3 22.9
150 13.1 10.3 15.5

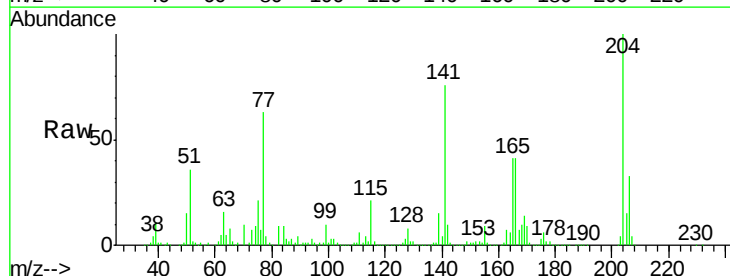


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

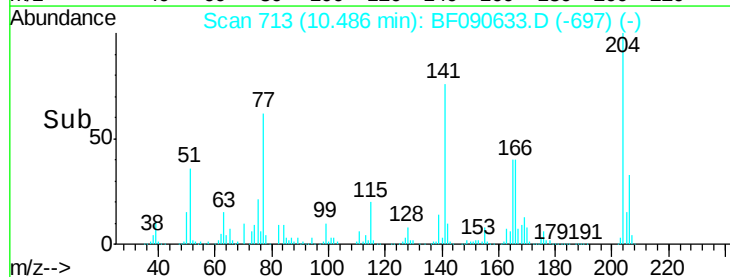
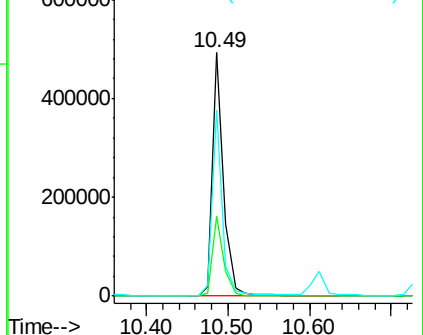


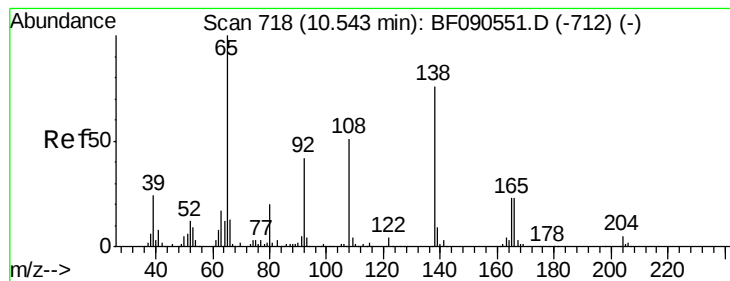
#60
4-Chlorophenyl-phenylether
Concen: 30.52 ng
RT: 10.49 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:204 Resp: 477042
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 76.2 47.2 70.8#



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: 25.03 ng

RT: 10.52 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

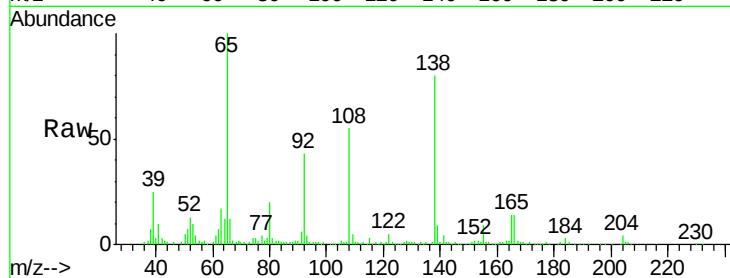
Tgt Ion:138 Resp: 227498

Ion Ratio Lower Upper

138 100

92 54.1 35.7 75.7

108 69.1 46.9 86.9



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

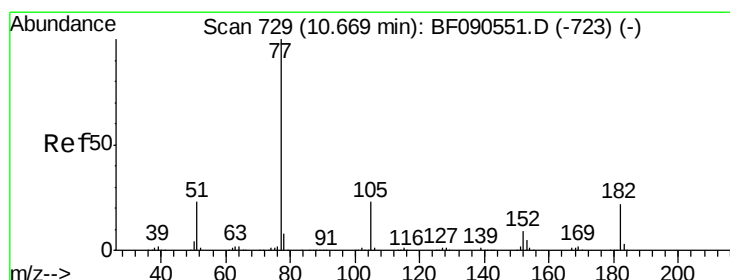
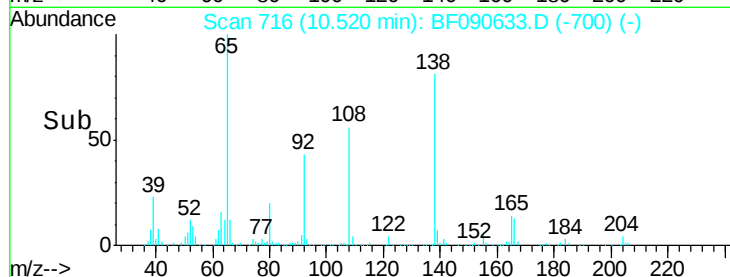
150000

100000

50000

0

Time-->



#62

Azobenzene

Concen: 35.25 ng

RT: 10.65 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Tgt Ion: 77 Resp: 1365165

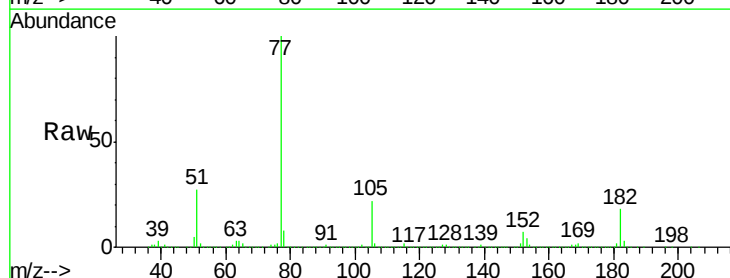
Ion Ratio Lower Upper

77 100

182 18.0 2.2 42.2

105 22.1 3.5 43.5

51 26.6 3.7 43.7



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

2000000

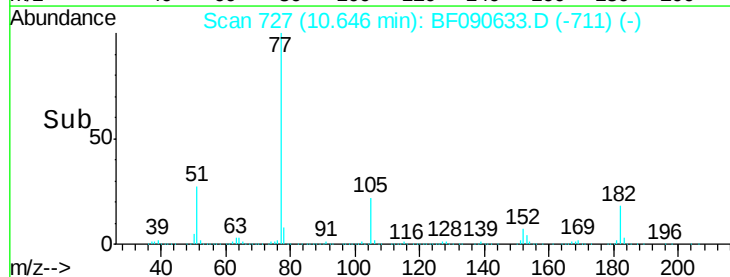
1500000

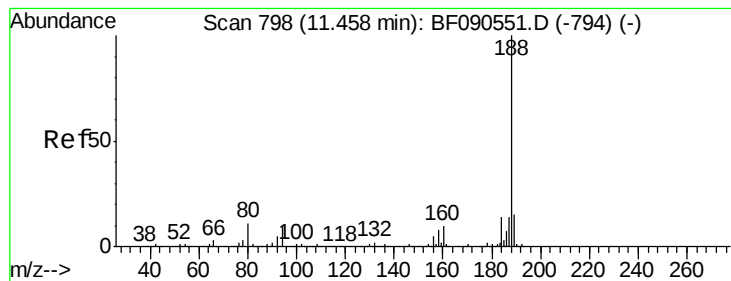
1000000

500000

0

Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

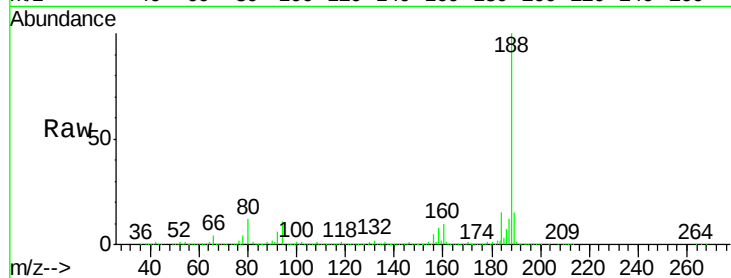
Tgt Ion:188 Resp: 710455

Ion Ratio Lower Upper

188 100

94 11.2 7.7 11.5

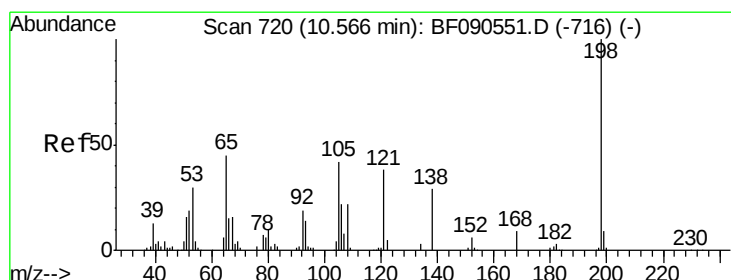
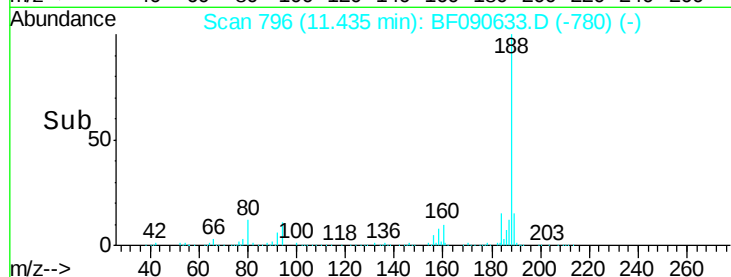
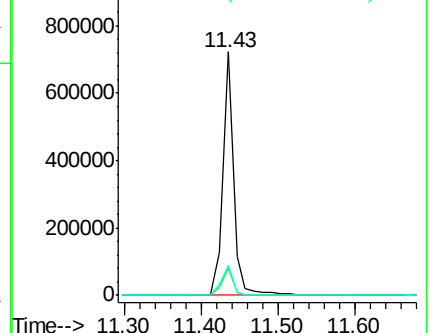
80 12.2 8.6 12.8



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: 9.73 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

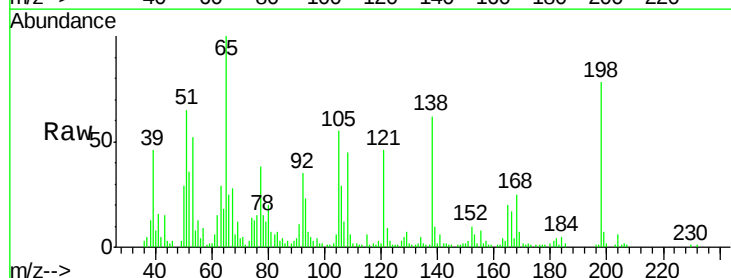
Tgt Ion:198 Resp: 41819

Ion Ratio Lower Upper

198 100

51 83.5 19.7 59.7#

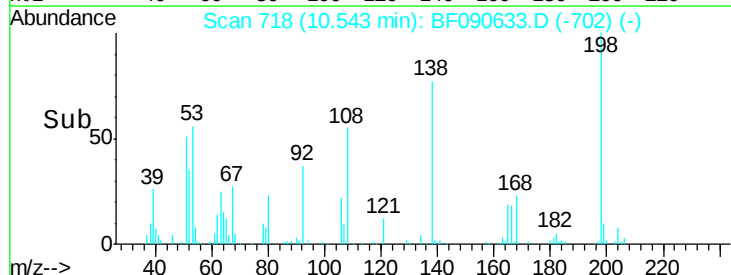
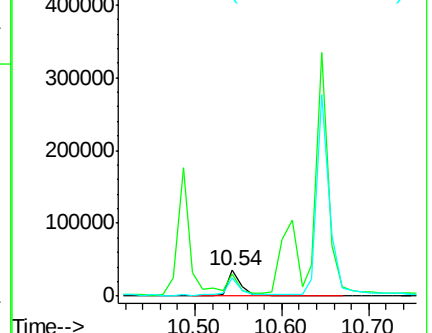
105 70.9 22.6 62.6#

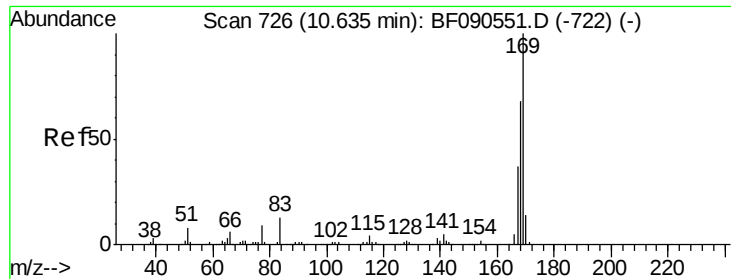


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

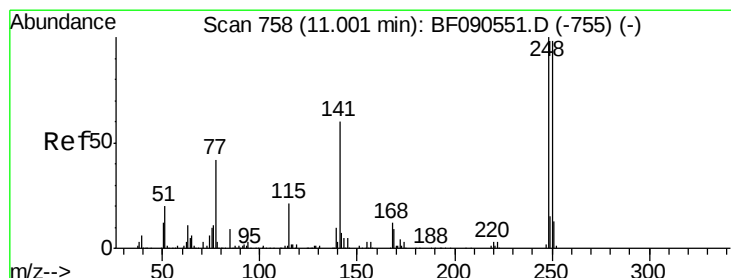
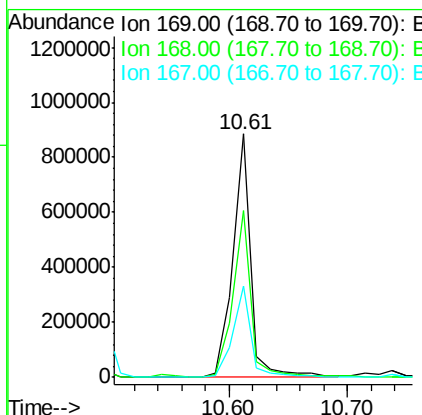
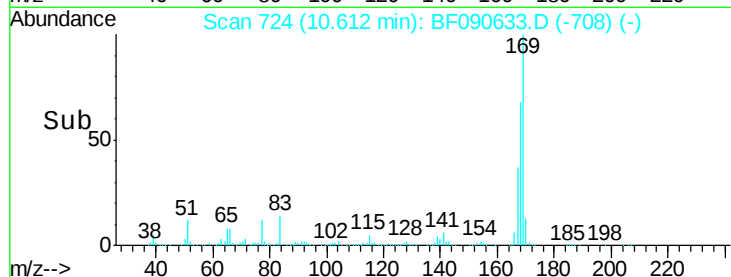
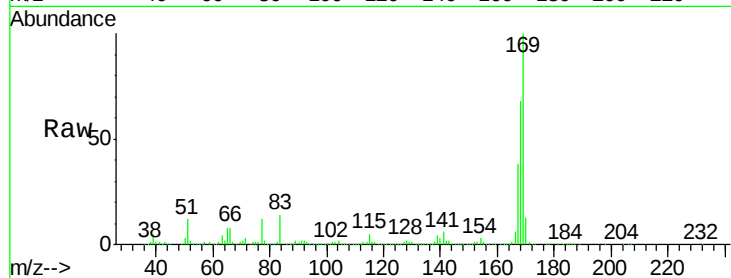




#65
 n-Nitrosodiphenylamine
 Concen: 39.56 ng
 RT: 10.61 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

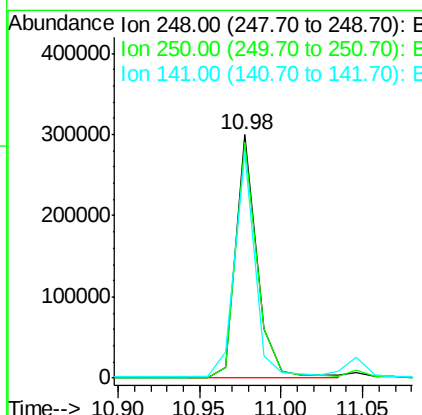
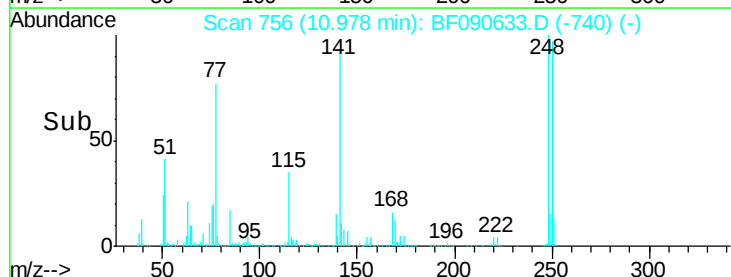
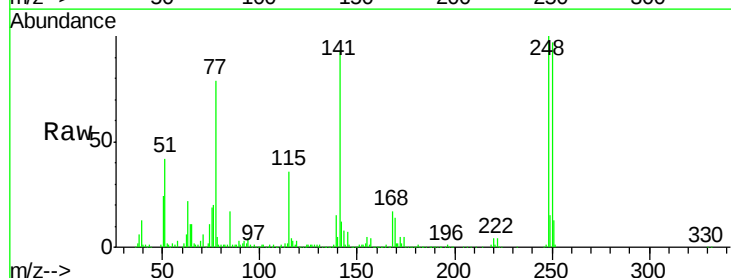
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

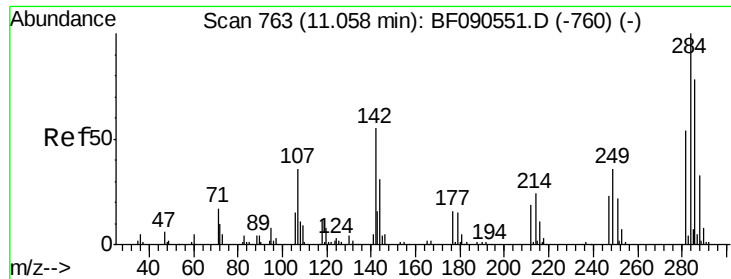
Tgt Ion:169 Resp: 928404
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.6 81.8
 167 37.6 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 35.20 ng
 RT: 10.98 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:248 Resp: 268324
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.4 117.6
 141 92.8 48.4 72.6#

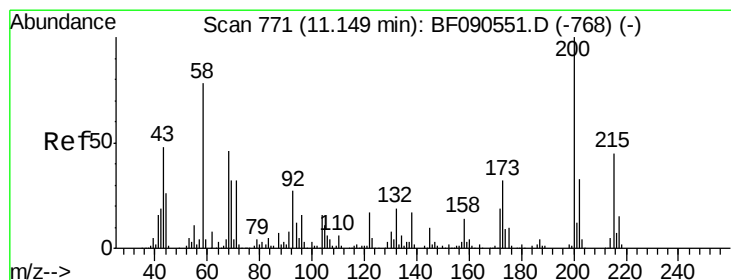
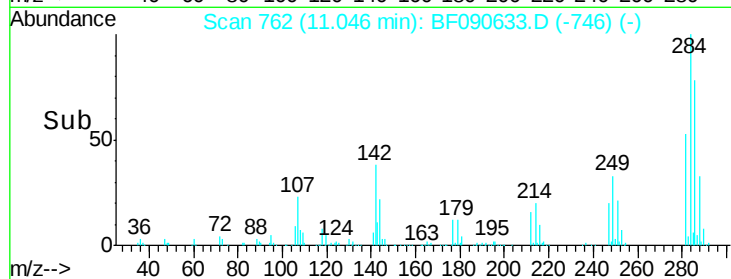
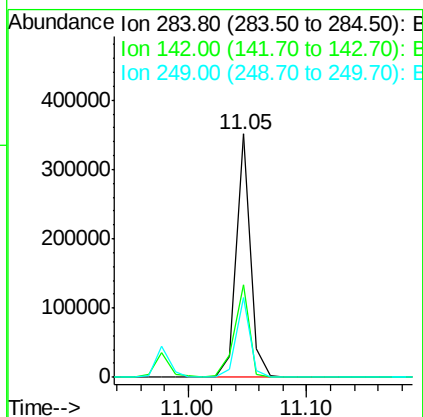
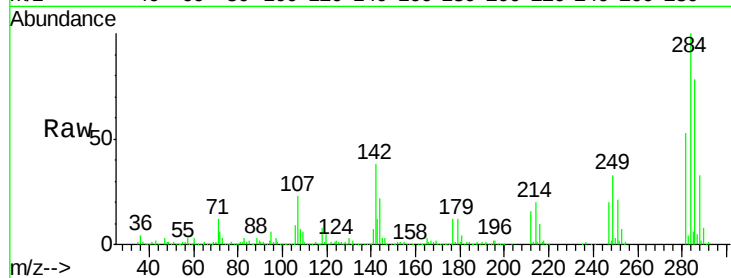




#67
Hexachlorobenzene
Concen: 35.28 ng
RT: 11.05 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

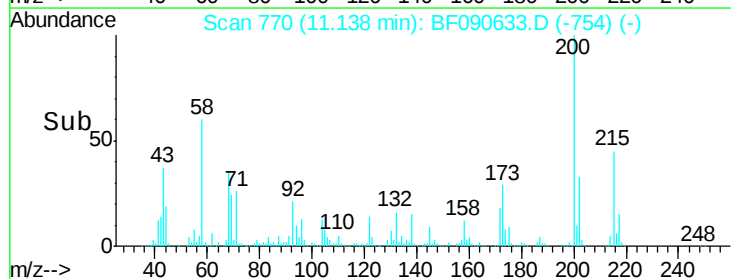
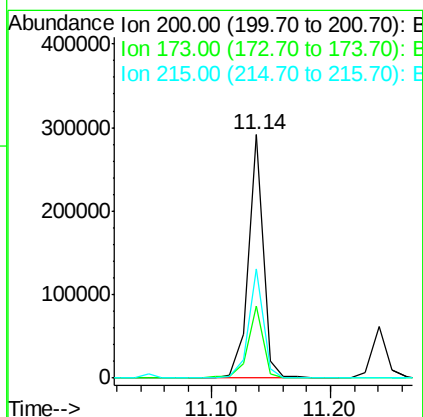
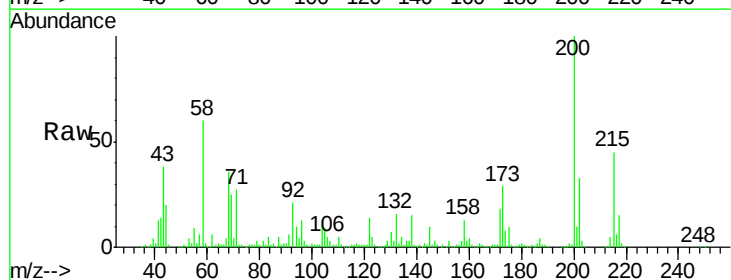
Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

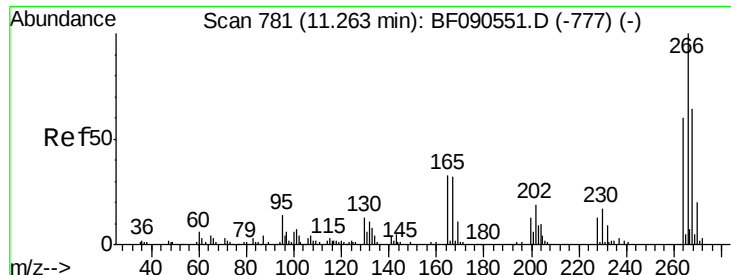
Tgt Ion:284 Resp: 292039
Ion Ratio Lower Upper
284 100
142 38.2 44.5 66.7#
249 32.7 29.6 44.4



#68
Atrazine
Concen: 39.63 ng
RT: 11.14 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:200 Resp: 257234
Ion Ratio Lower Upper
200 100
173 29.4 12.0 52.0
215 45.0 25.2 65.2

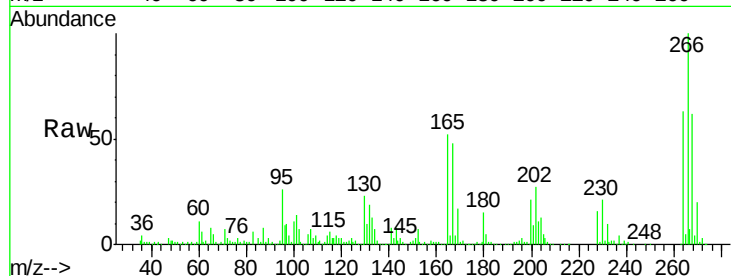




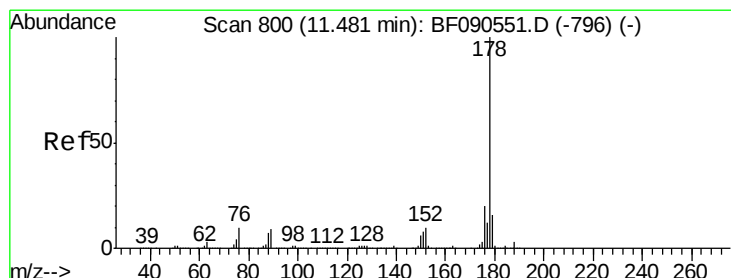
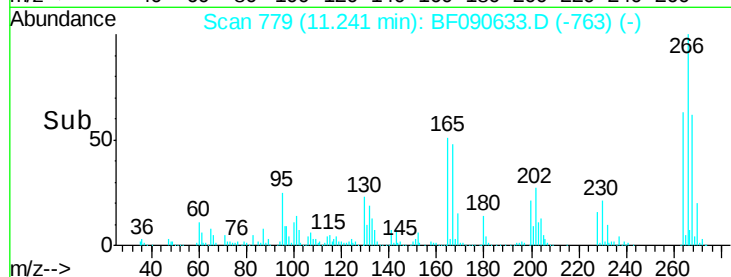
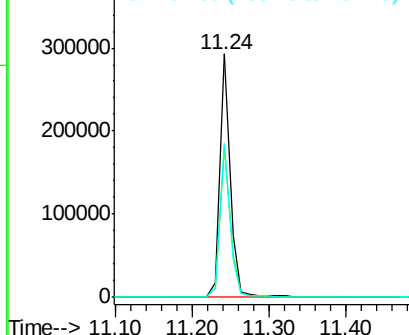
#69
 Pentachlorophenol
 Concen: 68.58 ng
 RT: 11.24 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

Tgt Ion:266 Resp: 281312
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.5 77.3
 264 63.3 47.9 71.9

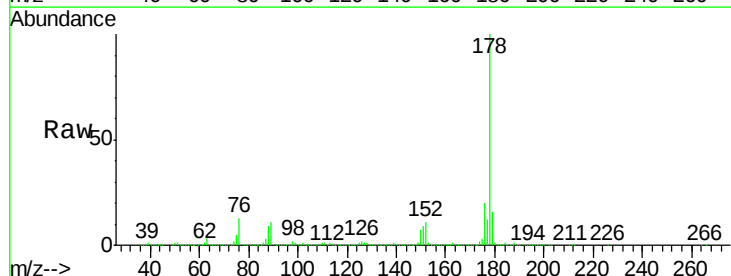


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

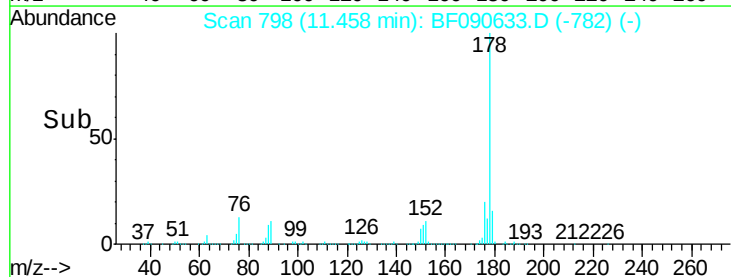
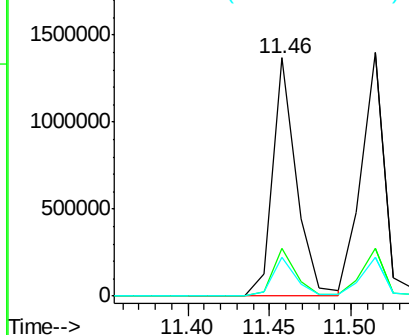


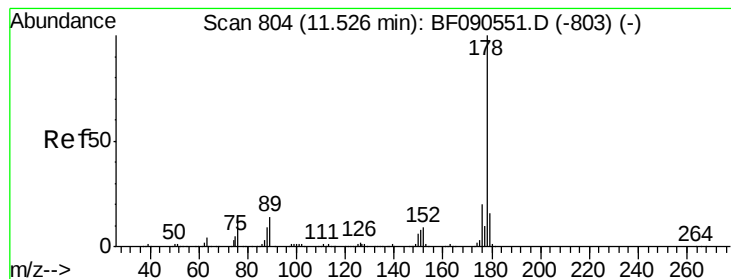
#70
 Phenanthrene
 Concen: 36.65 ng
 RT: 11.46 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:178 Resp: 1390060
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.1 24.1
 179 16.2 12.6 19.0



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





#71

Anthracene

Concen: 35.52 ng

RT: 11.51 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

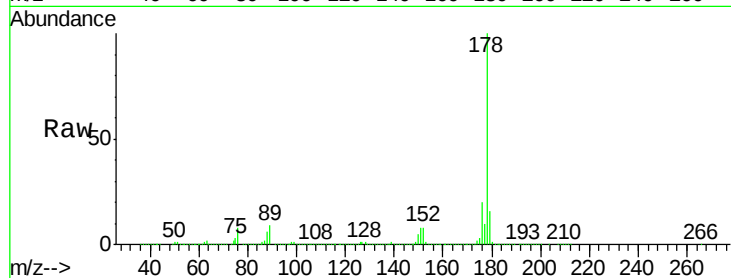
Tgt Ion:178 Resp: 1449809

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

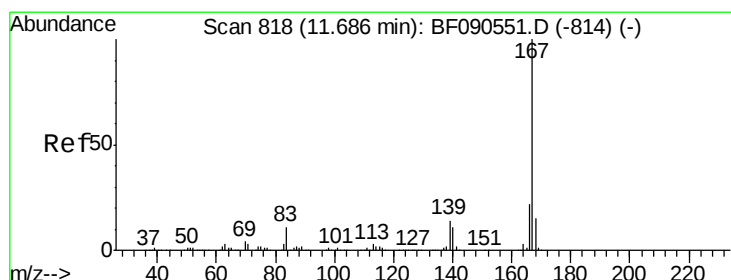
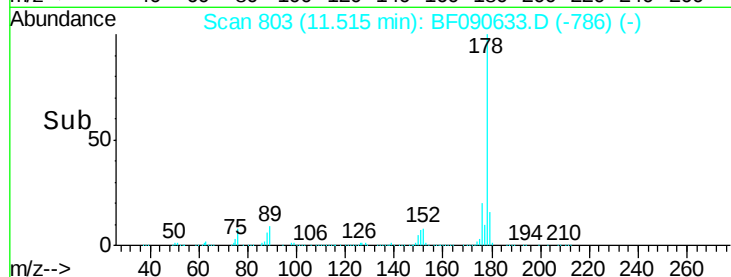
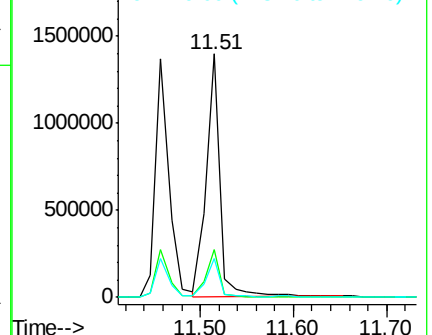
179 15.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 29.87 ng

RT: 11.66 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

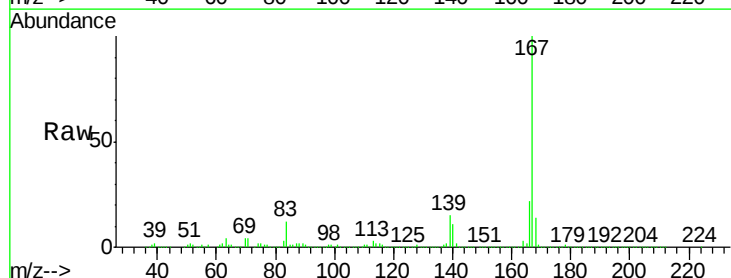
Tgt Ion:167 Resp: 1091483

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

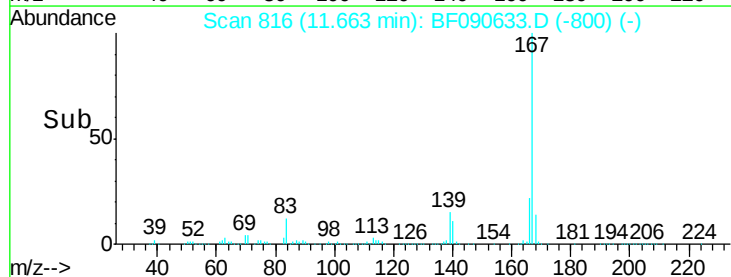
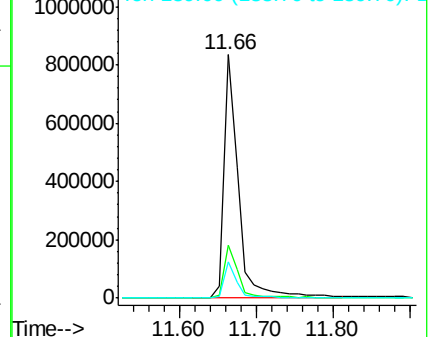
139 14.7 11.3 16.9

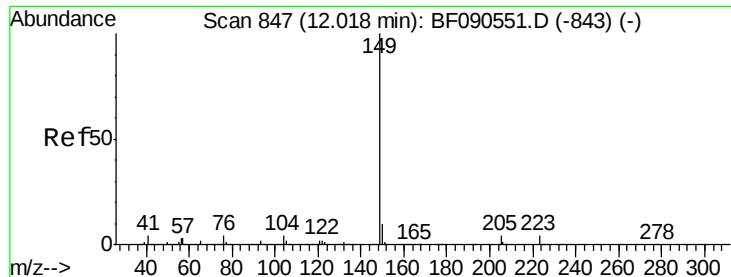


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.70 ng

RT: 11.99 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

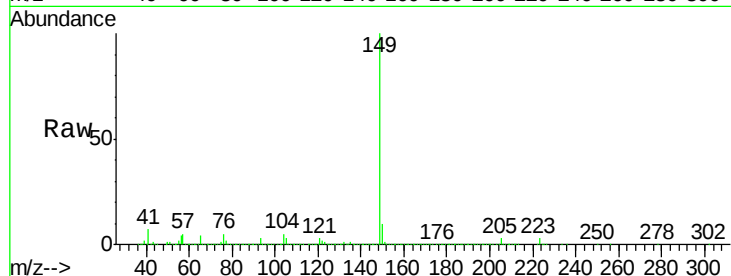
Tgt Ion:149 Resp: 1442509

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

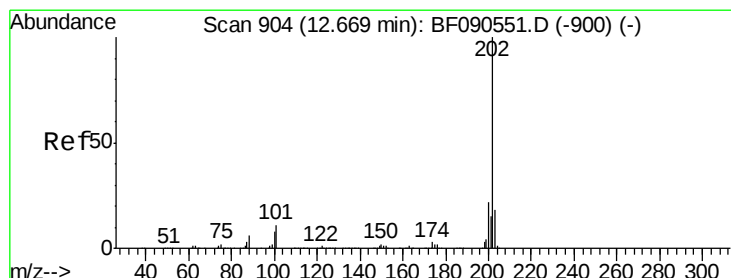
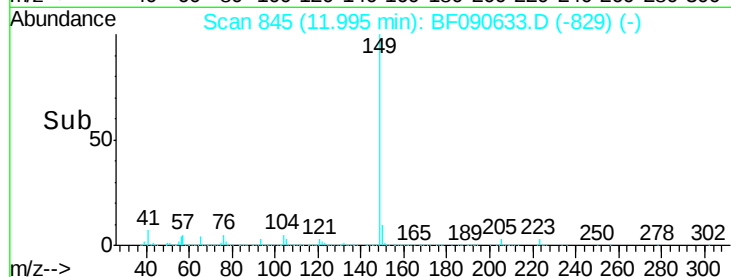
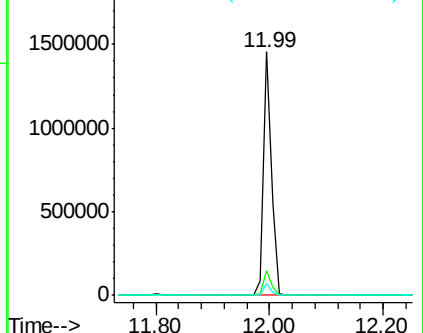
104 5.0 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.98 ng

RT: 12.65 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

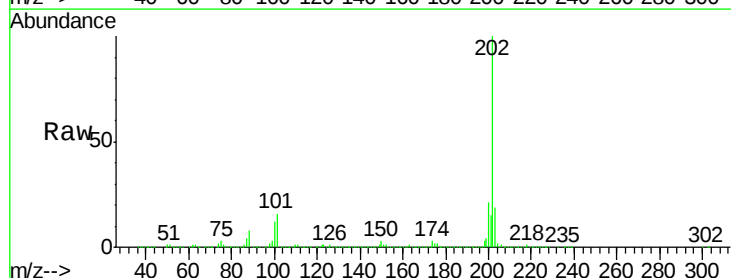
Tgt Ion:202 Resp: 1334254

Ion Ratio Lower Upper

202 100

101 16.0 0.0 31.1

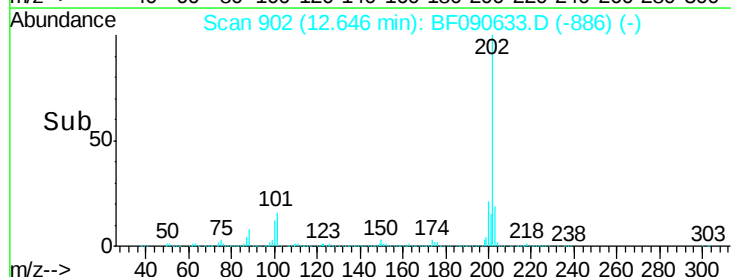
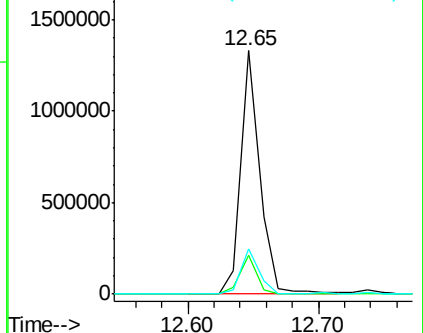
203 18.6 0.0 38.0

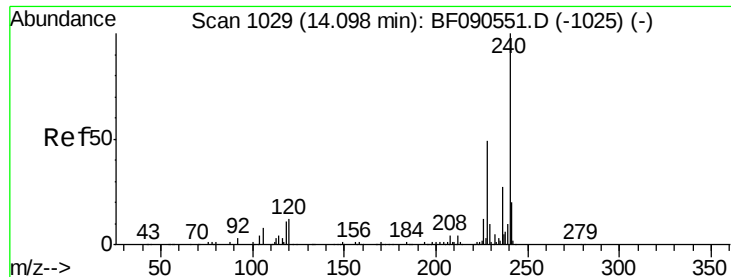


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.09 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

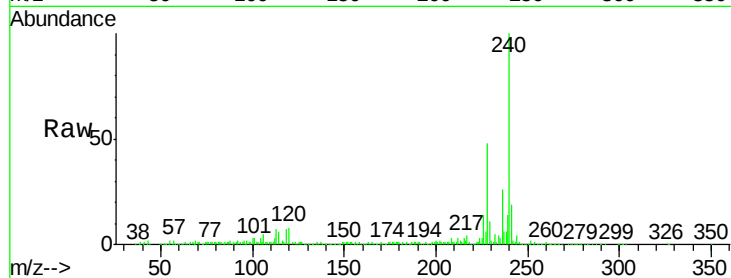
Tgt Ion:240 Resp: 522735

Ion Ratio Lower Upper

240 100

120 7.9 9.8 14.8#

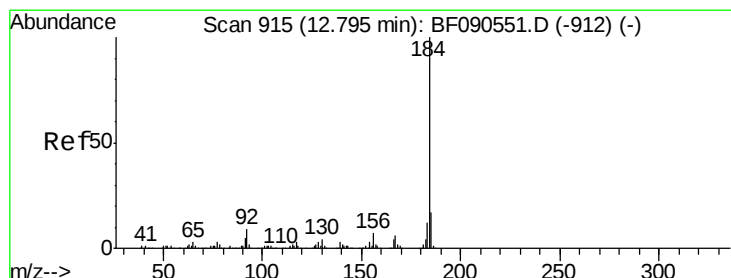
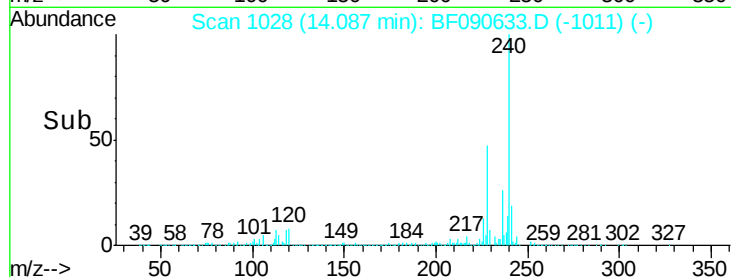
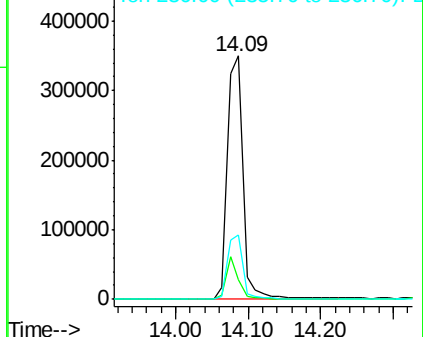
236 26.4 21.7 32.5



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: 7.55 ng

RT: 12.78 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

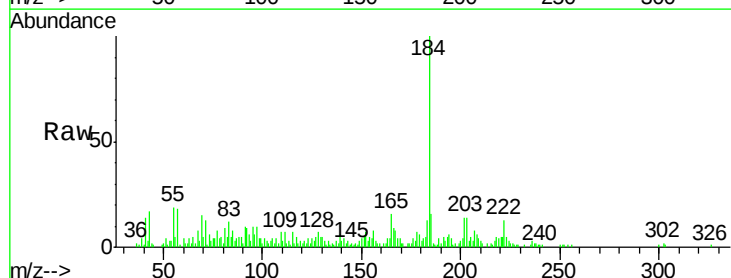
Tgt Ion:184 Resp: 98146

Ion Ratio Lower Upper

184 100

185 15.9 13.4 20.0

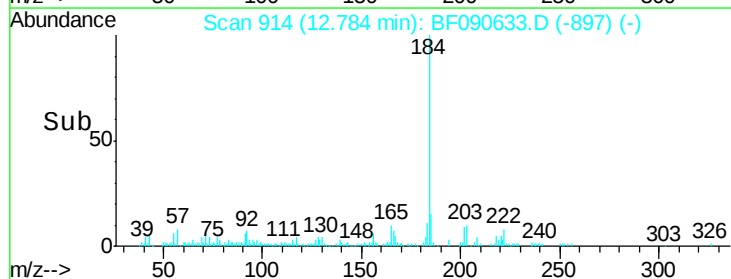
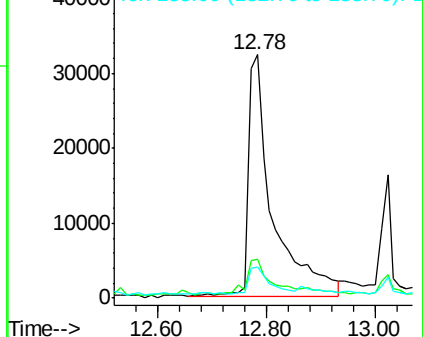
183 13.0 9.4 14.0

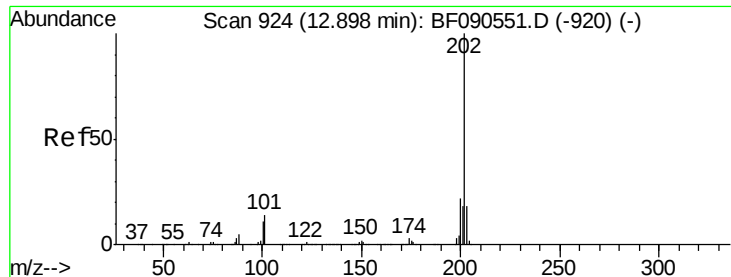


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

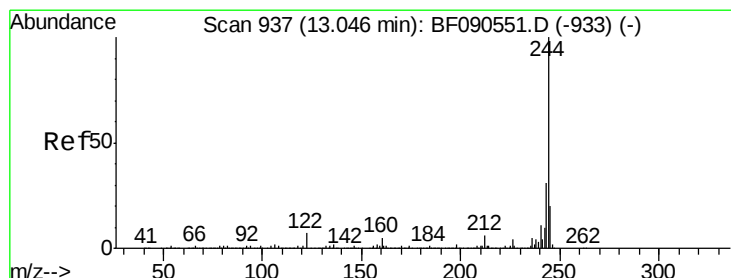
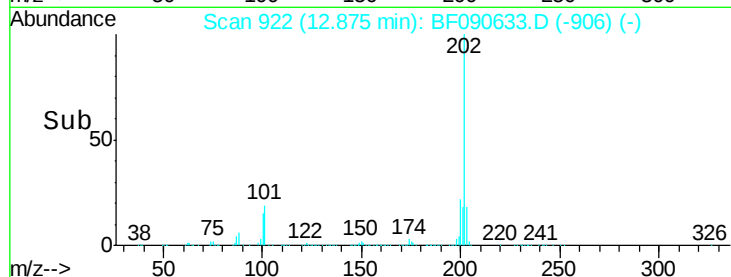
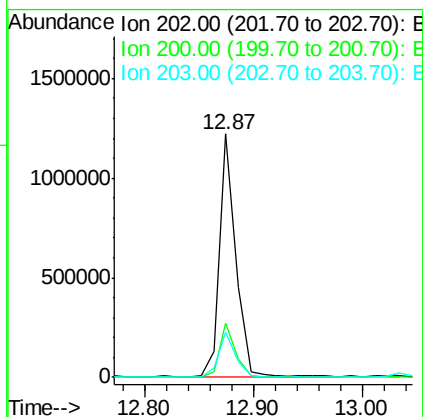
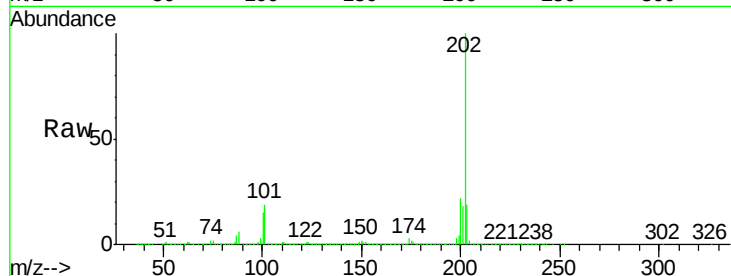




#77
 Pyrene
 Concen: 36.77 ng
 RT: 12.87 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

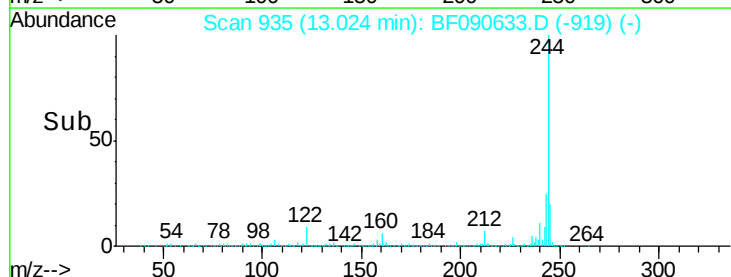
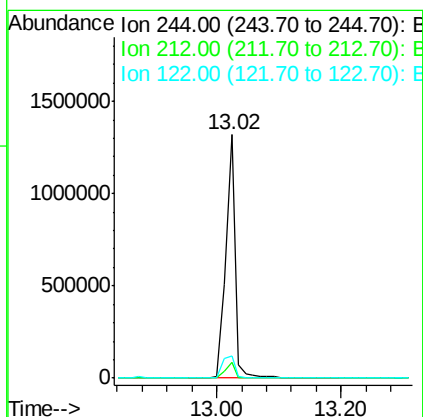
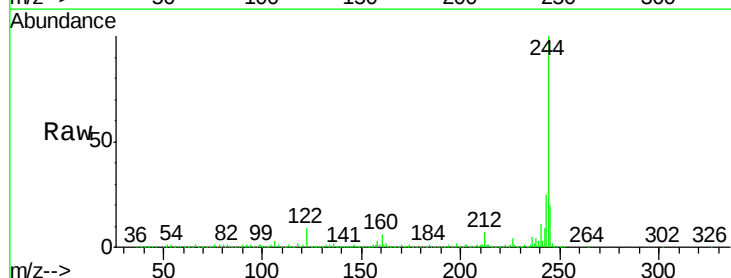
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

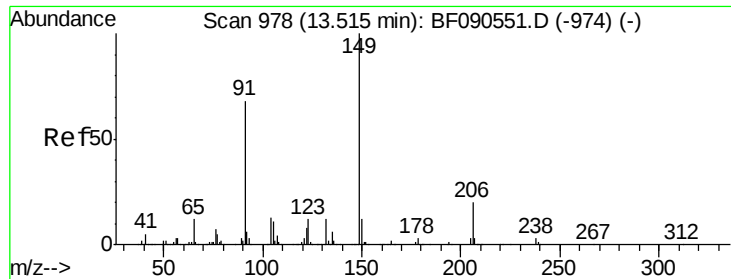
Tgt Ion:202 Resp: 1273008
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.8 26.6
 203 18.6 14.6 21.8



#78
 Terphenyl-d14
 Concen: 61.04 ng
 RT: 13.02 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:244 Resp: 1370327
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 9.1 5.6 8.4#

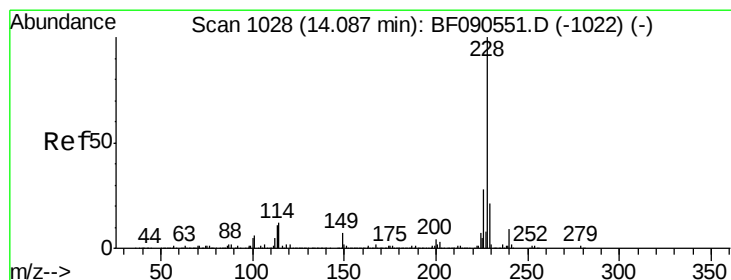
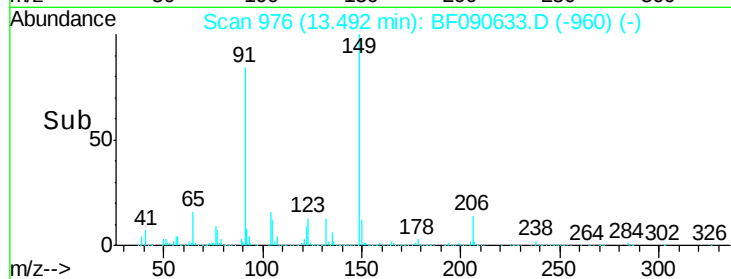
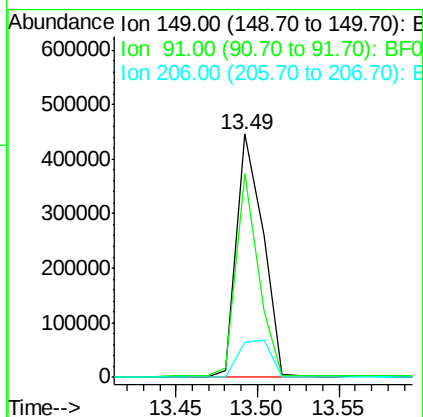
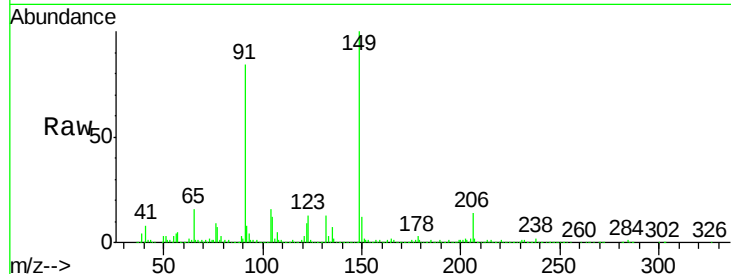




#79
Butylbenzylphthalate
Concen: 32.39 ng
RT: 13.49 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

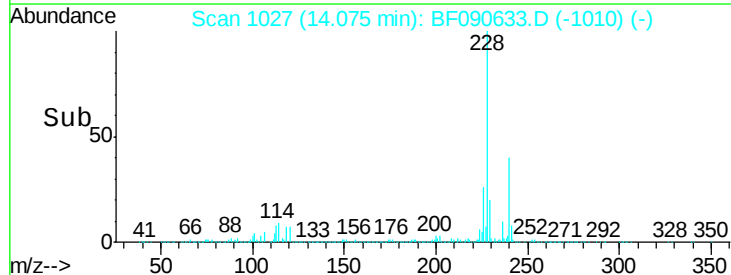
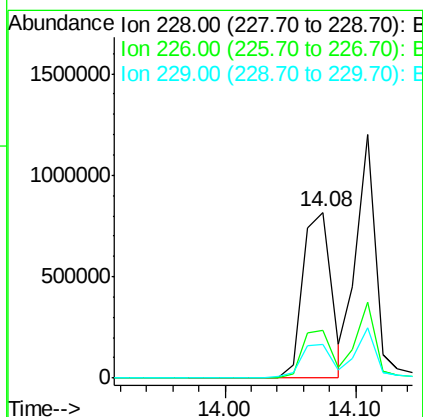
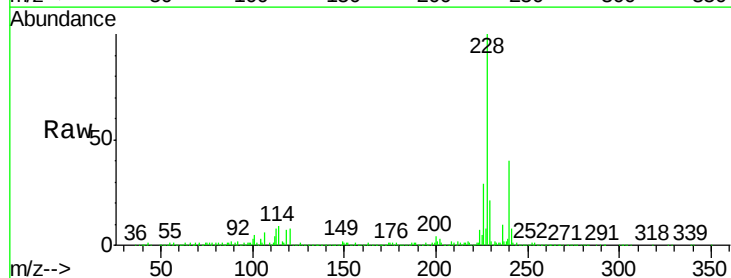
Instrument :
BNA_F
ClientSampleId :
SP-3-2MSD

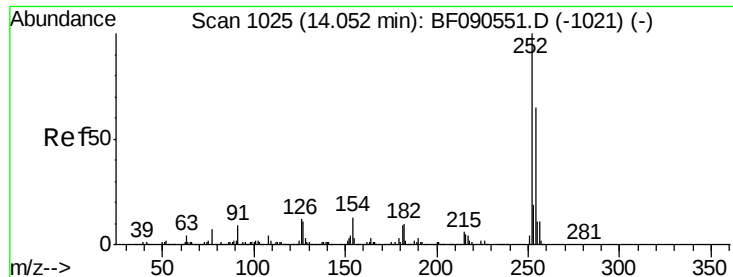
Tgt Ion:149 Resp: 496769
Ion Ratio Lower Upper
149 100
91 83.7 54.3 81.5#
206 14.4 15.8 23.6#



#80
Benzo(a)anthracene
Concen: 41.42 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:228 Resp: 1232643
Ion Ratio Lower Upper
228 100
226 28.7 22.8 34.2
229 20.7 16.6 25.0





#81

3,3'-Dichlorobenzidine

Concen: 26.69 ng

RT: 14.03 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

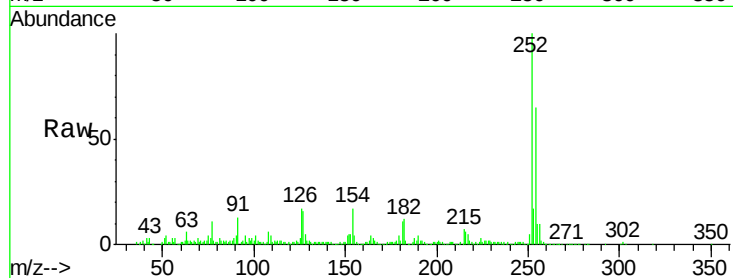
Tgt Ion:252 Resp: 271315

Ion Ratio Lower Upper

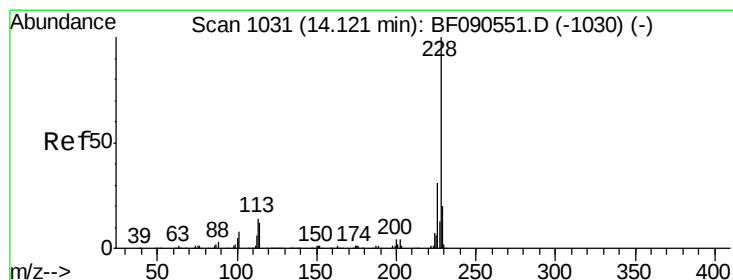
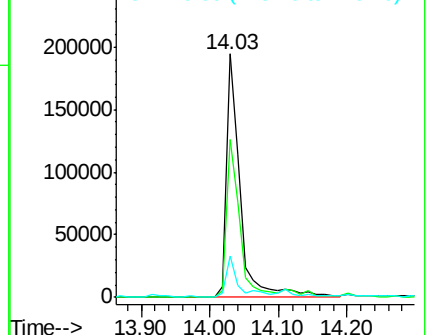
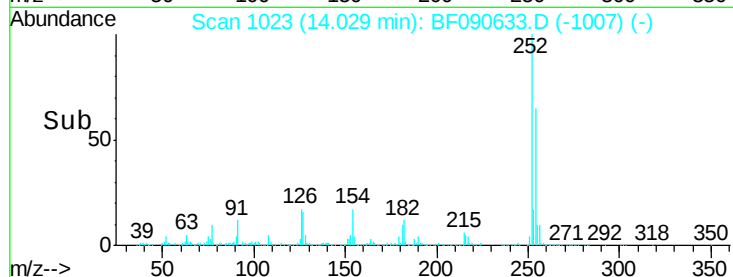
252 100

254 64.9 52.1 78.1

126 17.2 9.3 13.9#



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



#82

Chrysene

Concen: 44.23 ng

RT: 14.11 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

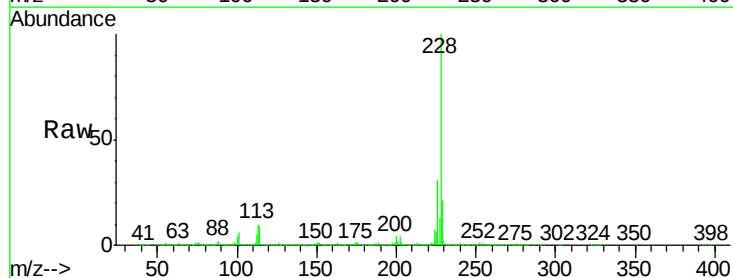
Tgt Ion:228 Resp: 1268306

Ion Ratio Lower Upper

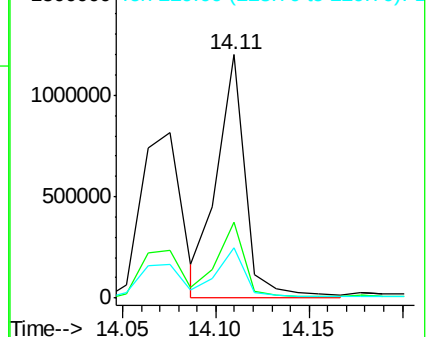
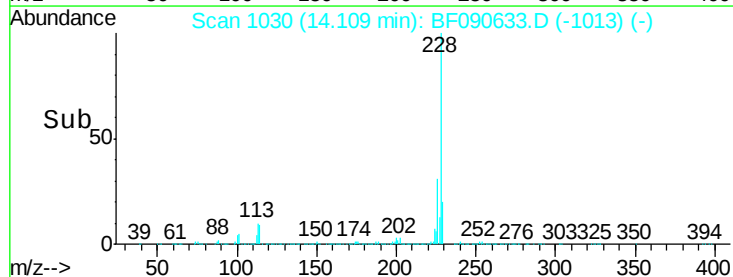
228 100

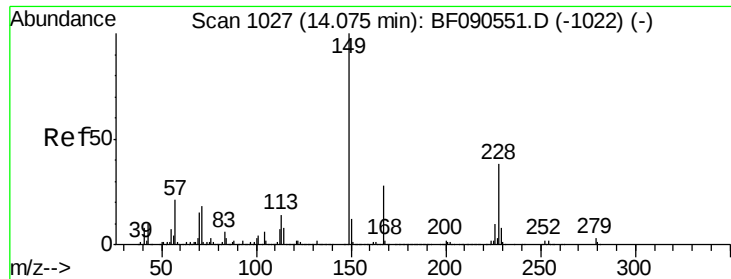
226 31.0 24.8 37.2

229 20.7 16.2 24.4



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

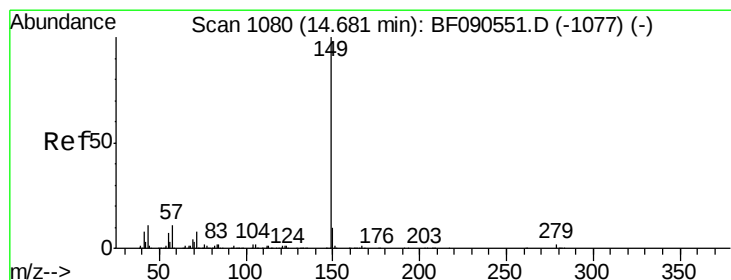
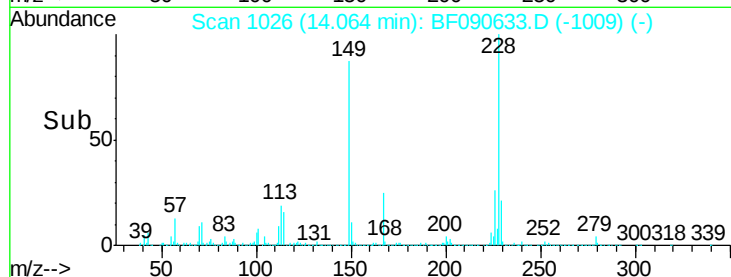
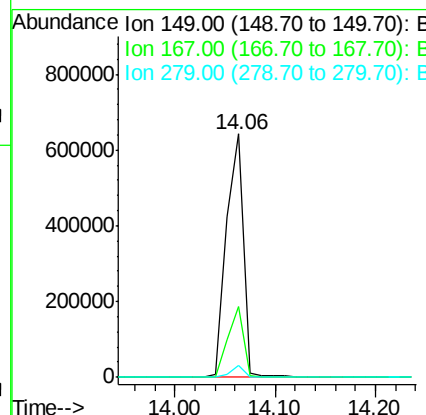
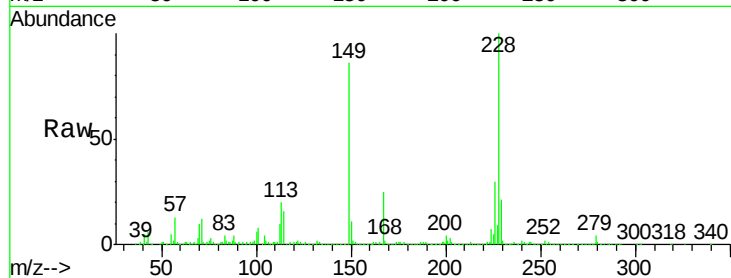




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.19 ng
 RT: 14.06 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

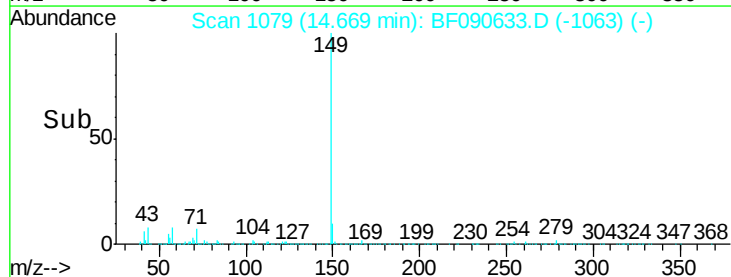
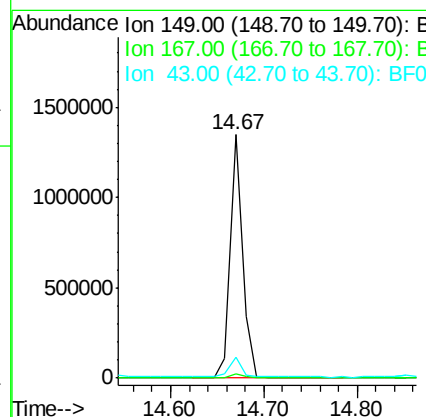
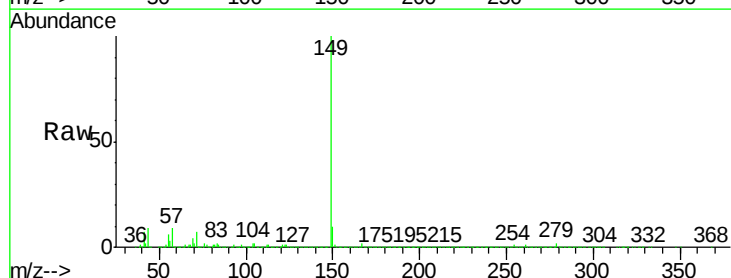
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

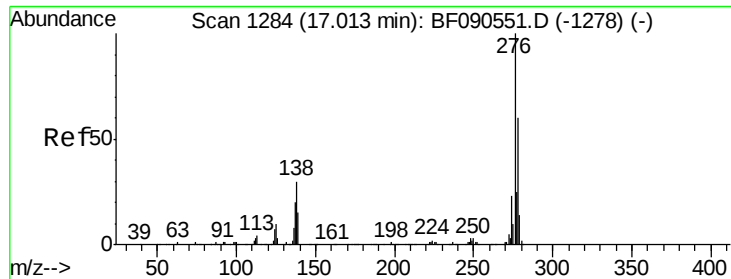
Tgt Ion:149 Resp: 748893
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.1 33.1
 279 5.0 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 44.65 ng
 RT: 14.67 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:149 Resp: 1238777
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.2 6.7 10.1

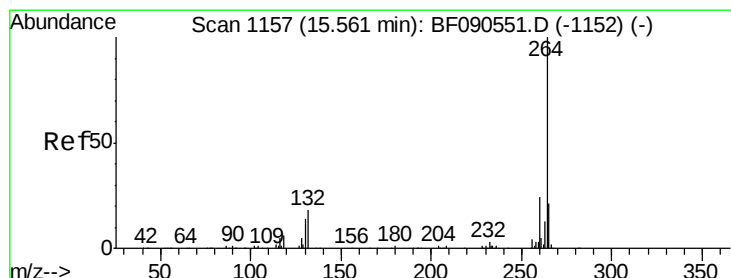
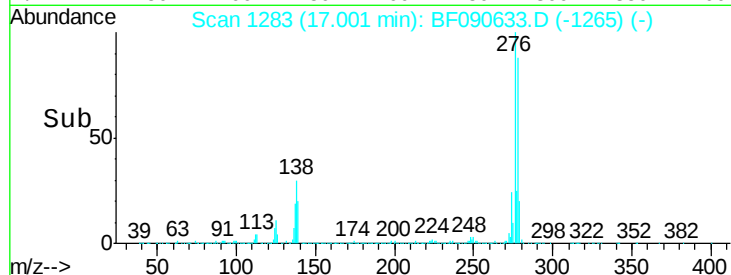
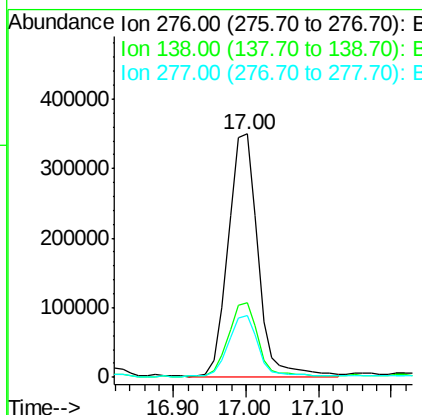
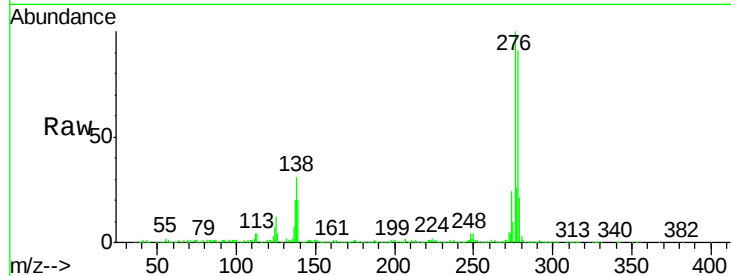




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.89 ng
 RT: 17.00 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

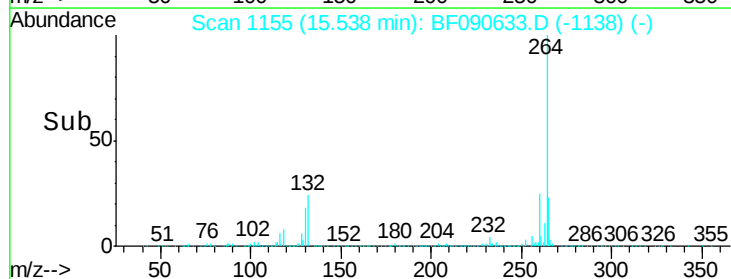
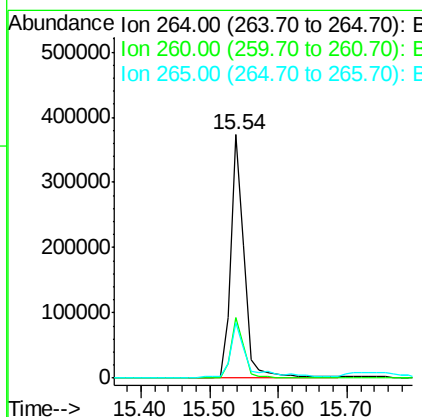
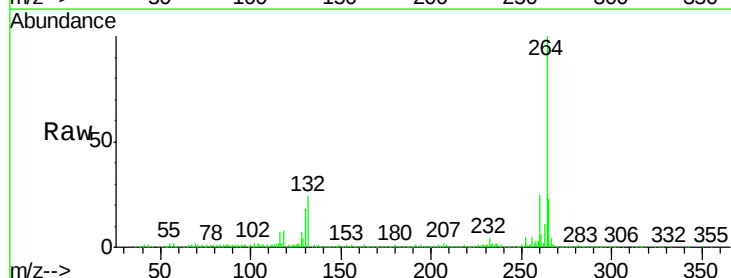
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MSD

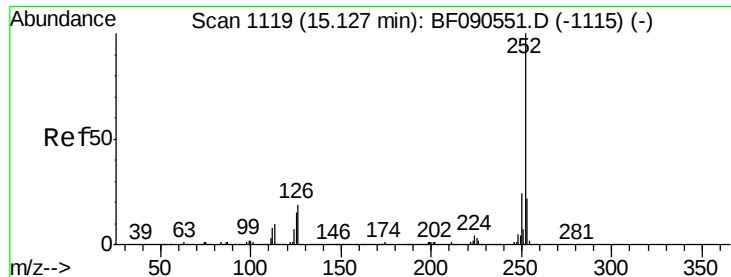
Tgt Ion:276 Resp: 992831
 Ion Ratio Lower Upper
 276 100
 138 30.6 25.8 38.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF090633.D
 Acq: 18 Oct 2016 17:41

Tgt Ion:264 Resp: 511108
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 22.8 16.7 25.1

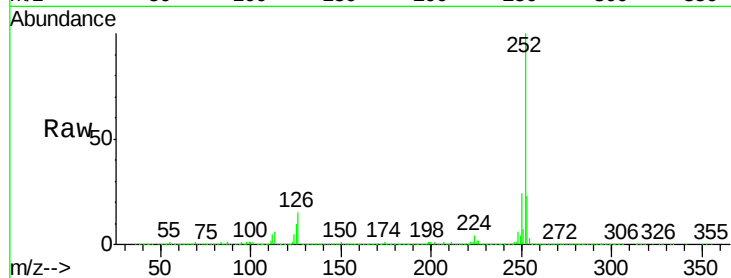




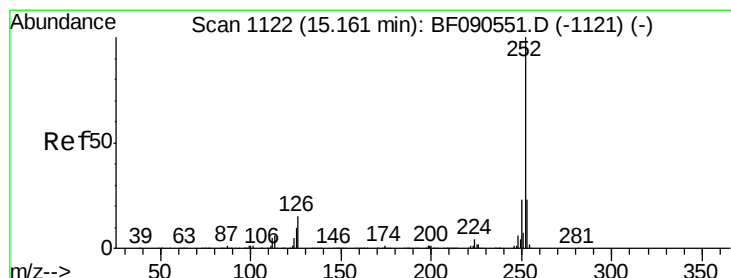
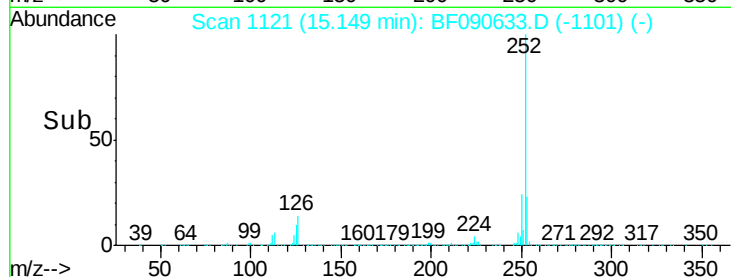
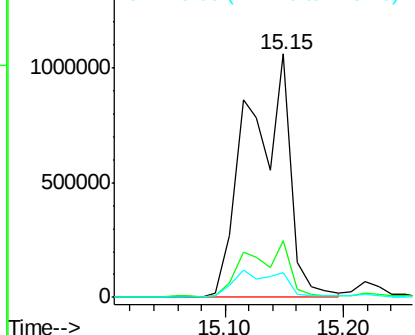
#87
Benzo(b)fluoranthene
Concen: 77.57 ng
RT: 15.15 min Scan# 1121
Delta R.T. 0.03 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Instrument :
BNA_F
ClientSampled :
SP-3-2MSD

Tgt Ion:252 Resp: 2594218
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.2 12.0 18.0#

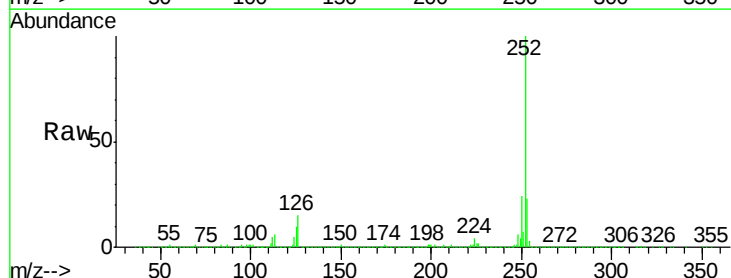


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

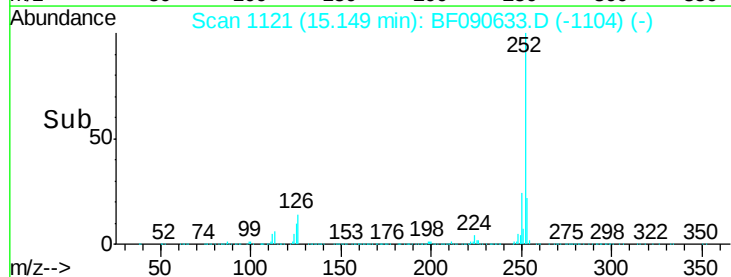
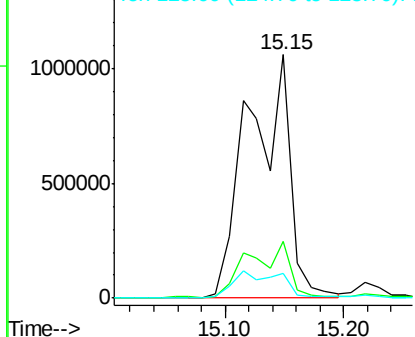


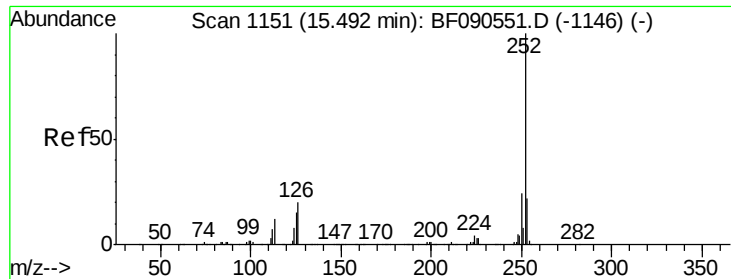
#88
Benzo(k)fluoranthene
Concen: 72.09 ng
RT: 15.15 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF090633.D
Acq: 18 Oct 2016 17:41

Tgt Ion:252 Resp: 2594218
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 10.2 10.0 15.0



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





#89

Benzo(a)pyrene

Concen: 36.24 ng

RT: 15.48 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD

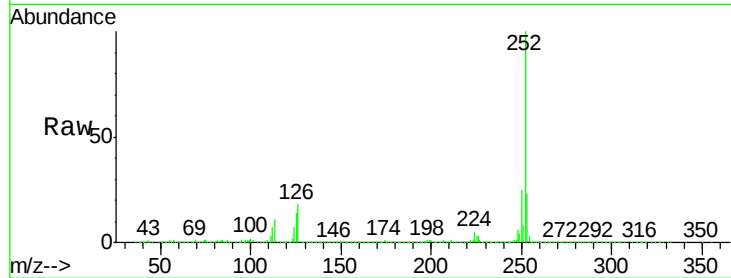
Tgt Ion:252 Resp: 1109628

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

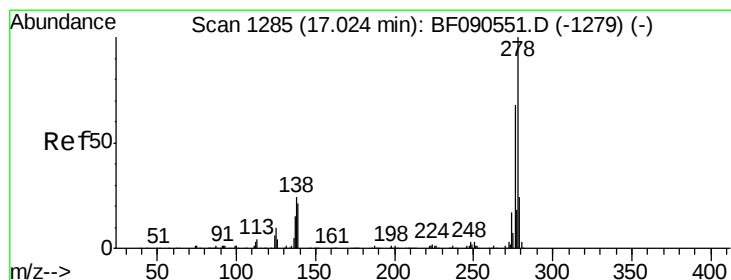
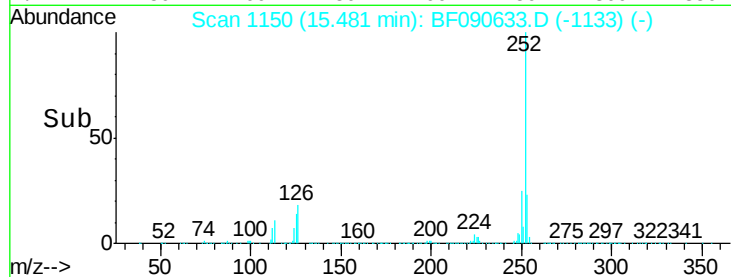
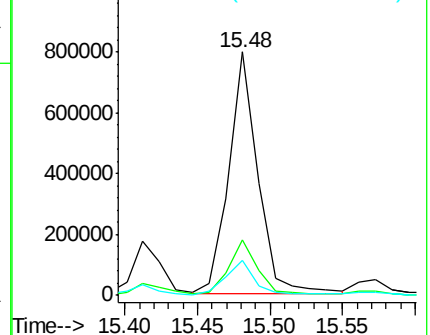
125 14.1 12.3 18.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.31 ng

RT: 17.01 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF090633.D

Acq: 18 Oct 2016 17:41

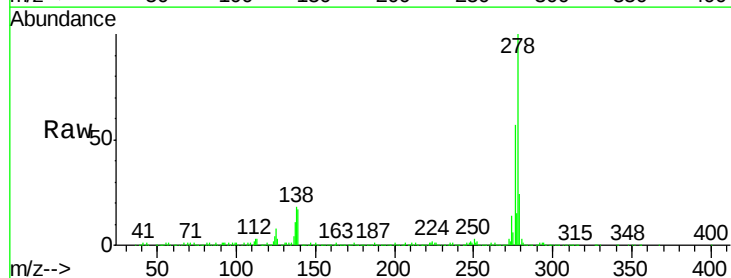
Tgt Ion:278 Resp: 801201

Ion Ratio Lower Upper

278 100

139 17.2 16.6 25.0

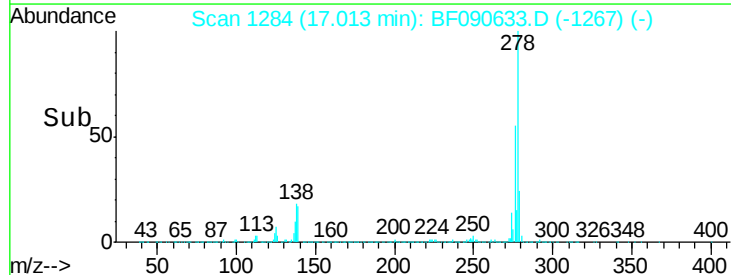
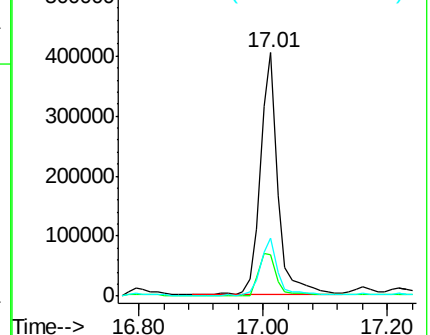
279 24.1 19.1 28.7

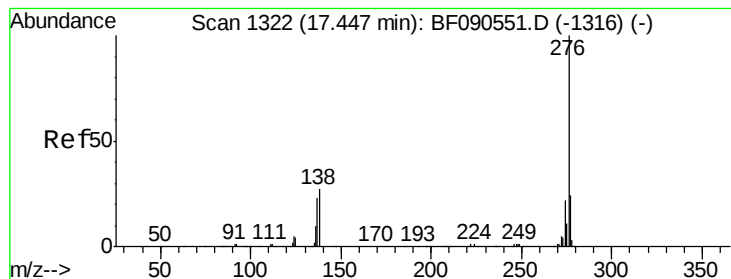


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.55 ng

RT: 17.44 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF090633.D

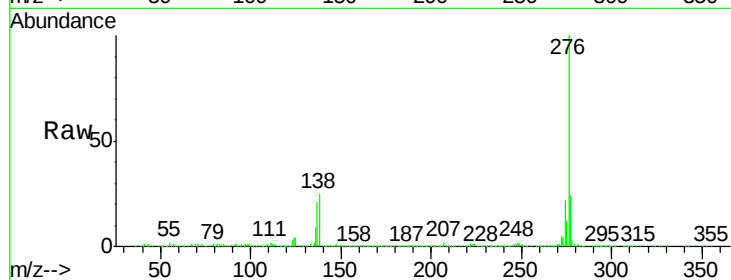
Acq: 18 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

SP-3-2MSD



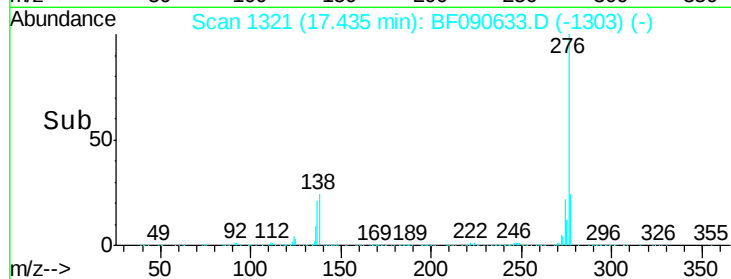
Tgt Ion: 276 Resp: 747087

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 24.6 21.8 32.8



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

