

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083364.D
 Acq On : 1 Dec 2015 6:16
 Operator : UM/IZ
 Sample : PB86921BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

Quant Time: Dec 01 06:52:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	182505	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	696219	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	371884	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	683341	20.00	ng	0.00
75) Chrysene-d12	14.75	240	519596	20.00	ng	-0.01
86) Perylene-d12	16.82	264	380816	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	908128	74.67	ng	0.01
7) Phenol-d6	6.22	99	1246284	74.86	ng	0.00
23) Nitrobenzene-d5	7.13	82	1139272	71.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	261198	69.97	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1818097	69.67	ng	0.00
78) Terphenyl-d14	13.22	244	1751644	80.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.01	88	167274	25.40	ng	90
3) Pyridine	2.62	79	417948	25.37	ng	96
4) n-Nitrosodimethylamine	2.58	42	284699	35.11	ng	98
6) Aniline	6.21	93	542646	23.83	ng	97
8) 2-Chlorophenol	6.34	128	489983	36.52	ng	98
9) Benzaldehyde	6.09	77	225875	25.96	ng	96
10) Phenol	6.24	94	715274	35.71	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	512508	35.17	ng	98
12) 1,3-Dichlorobenzene	6.49	146	502209	33.68	ng	99
13) 1,4-Dichlorobenzene	6.57	146	527576	34.23	ng	98
14) 1,2-Dichlorobenzene	6.57	146	527576	37.31	ng	96
15) Benzyl Alcohol	6.72	79	485888	37.76	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	915395	35.80	ng	# 35
17) 2-Methylphenol	6.84	107	433723	38.78	ng	99
18) Hexachloroethane	7.06	117	178024	33.25	ng	98
19) n-Nitroso-di-n-propylamine	6.99	70	409797	34.44	ng	97
20) 3+4-Methylphenols	7.00	107	564926	37.30	ng	99
22) Acetophenone	6.98	105	713062	34.23	ng	# 98
24) Nitrobenzene	7.14	77	542067	32.05	ng	# 86
25) Isophorone	7.39	82	1092793	35.62	ng	99
26) 2-Nitrophenol	7.46	139	242482	35.12	ng	94
27) 2,4-Dimethylphenol	7.53	122	458056	39.58	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	647994	37.09	ng	100
29) 2,4-Dichlorophenol	7.71	162	426427	38.31	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	414015	34.17	ng	95
31) Naphthalene	7.86	128	1339934	35.47	ng	100
32) Benzoic acid	7.68	122	271308	33.99	ng	96
33) 4-Chloroaniline	7.93	127	233017	14.31	ng	99
34) Hexachlorobutadiene	7.98	225	236997	34.45	ng	99
35) Caprolactam	8.30	113	88298	25.11	ng	96
36) 4-Chloro-3-methylphenol	8.43	107	488514	39.13	ng	93
37) 2-Methylnaphthalene	8.54	142	883132	34.98	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	380386	32.27	ng	97
40) Hexachlorocyclopentadiene	8.70	237	391207	69.86	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
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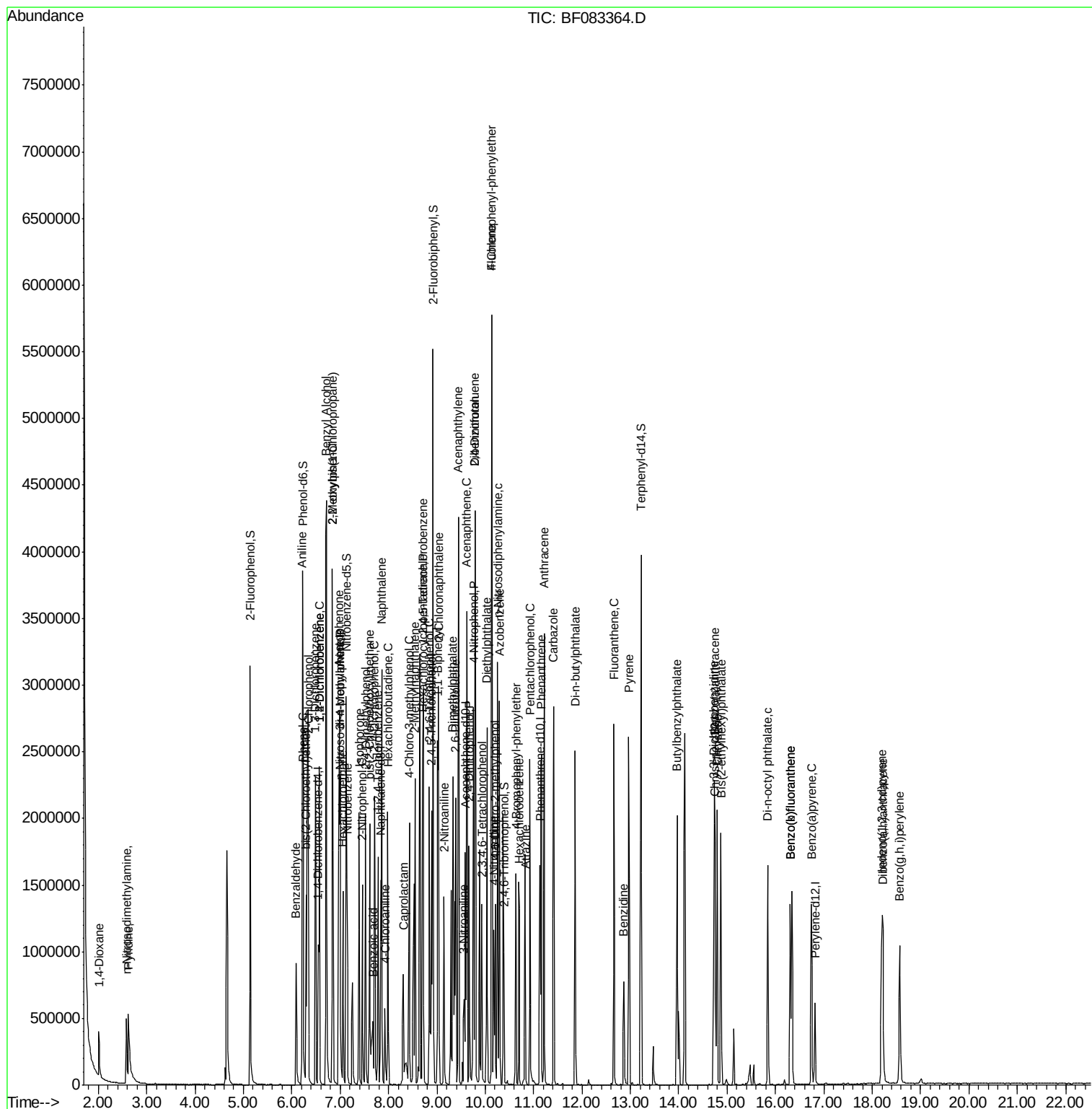
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	294184	35.58	ng	100
43) 2,4,5-Trichlorophenol	8.89	196	319279	37.27	ng	96
45) 1,1'-Biphenyl	9.01	154	1075128	32.97	ng	94
46) 2-Chloronaphthalene	9.04	162	865282	34.82	ng	100
47) 2-Nitroaniline	9.15	65	347913	35.35	ng	95
48) Acenaphthylene	9.45	152	1357251	34.24	ng	99
49) Dimethylphthalate	9.33	163	993006	32.86	ng	99
50) 2,6-Dinitrotoluene	9.39	165	238021	36.88	ng	98
51) Acenaphthene	9.62	154	787757	33.79	ng	99
52) 3-Nitroaniline	9.56	138	128997	17.05	ng	86
53) 2,4-Dinitrophenol	9.66	184	207714	55.62	ng	91
54) Dibenzofuran	9.79	168	1179095	34.51	ng	99
55) 4-Nitrophenol	9.76	139	349080	73.77	ng	# 73
56) 2,4-Dinitrotoluene	9.79	165	280990	34.31	ng	90
57) Fluorene	10.13	166	921323	34.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	252184	36.48	ng	98
59) Diethylphthalate	10.03	149	975214	33.85	ng	100
60) 4-Chlorophenyl-phenylether	10.13	204	453725	36.60	ng	100
61) 4-Nitroaniline	10.18	138	246050	32.51	ng	97
62) Azobenzene	10.29	77	1331353	38.26	ng	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	171983	37.48	ng	98
65) n-Nitrosodiphenylamine	10.26	169	900285	37.49	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	290038	38.80	ng	99
67) Hexachlorobenzene	10.70	284	316081	38.24	ng	98
68) Atrazine	10.83	200	294375	44.32	ng	96
69) Pentachlorophenol	10.92	266	322038	74.38	ng	99
70) Phenanthrene	11.16	178	1492476	36.91	ng	99
71) Anthracene	11.22	178	1526698	37.50	ng	100
72) Carbazole	11.41	167	1329907	36.36	ng	99
73) Di-n-butylphthalate	11.86	149	1646640	37.99	ng	99
74) Fluoranthene	12.66	202	1464900	34.95	ng	99
76) Benzidine	12.87	184	423879	27.39	ng	98
77) Pyrene	12.97	202	1511309	41.65	ng	98
79) Butylbenzylphthalate	13.96	149	618410	40.17	ng	95
80) Benzo(a)anthracene	14.74	228	1151499	36.17	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	220301	22.16	ng	99
82) Chrysene	14.80	228	1088142	35.38	ng	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	818671	39.65	ng	100
84) Di-n-octyl phthalate	15.84	149	1163764	37.85	ng	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	979640	43.73	ng	99
87) Benzo(b)fluoranthene	16.31	252	959339	39.26	ng	97
88) Benzo(k)fluoranthene	16.31	252	959339	41.58	ng	99
89) Benzo(a)pyrene	16.74	252	797582	38.00	ng	# 96
90) Dibenzo(a,h)anthracene	18.23	278	813567	44.49	ng	98
91) Benzo(g,h,i)perylene	18.57	276	836602	46.61	ng	96

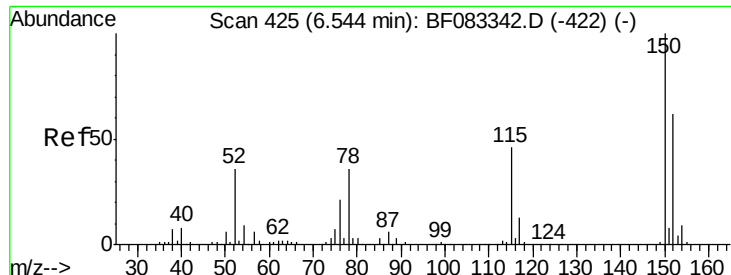
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : PB86921BSD  
Misc      :  
ALS Vial  : 25    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

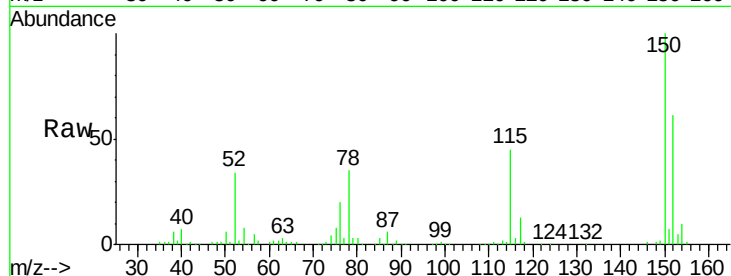
Tgt Ion:152 Resp: 182505

Ion Ratio Lower Upper

152 100

150 163.7 129.8 194.8

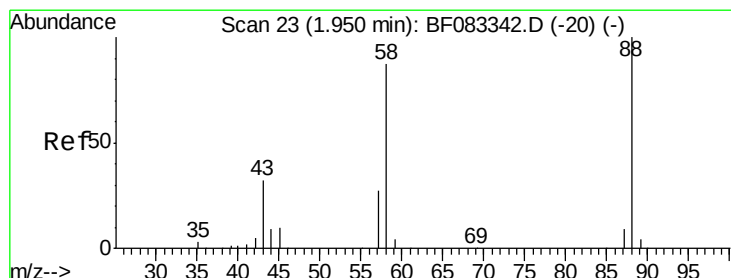
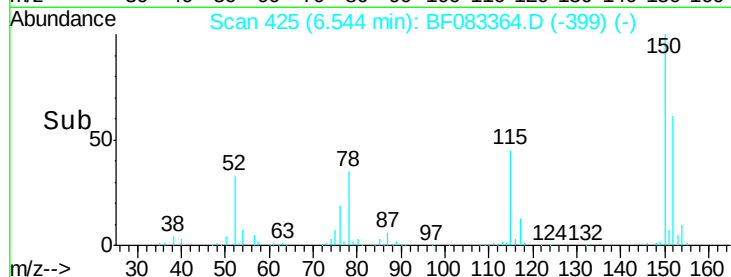
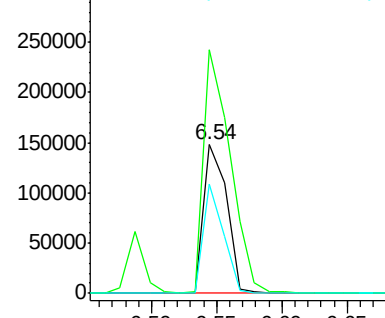
115 73.3 59.2 88.8



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: 25.40 ng

RT: 2.01 min Scan# 28

Delta R.T. 0.06 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

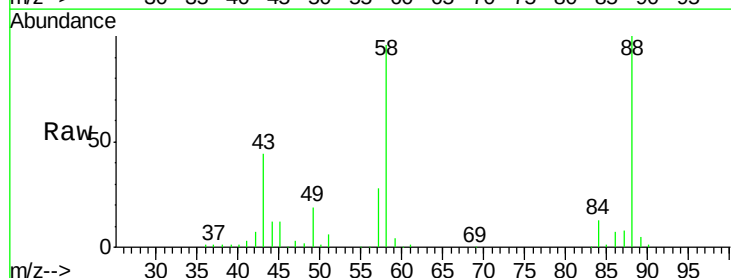
Tgt Ion: 88 Resp: 167274

Ion Ratio Lower Upper

88 100

58 91.9 66.6 100.0

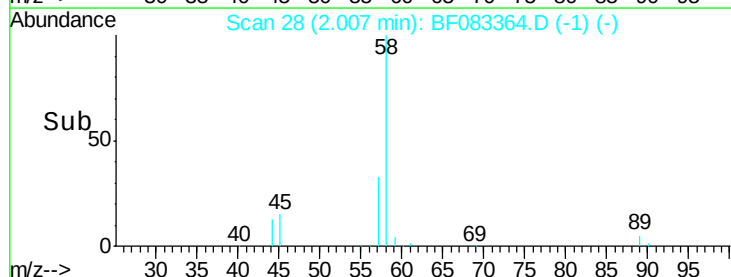
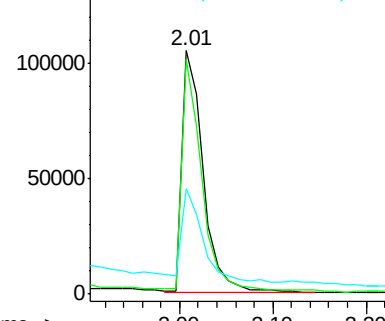
43 39.4 27.1 40.7

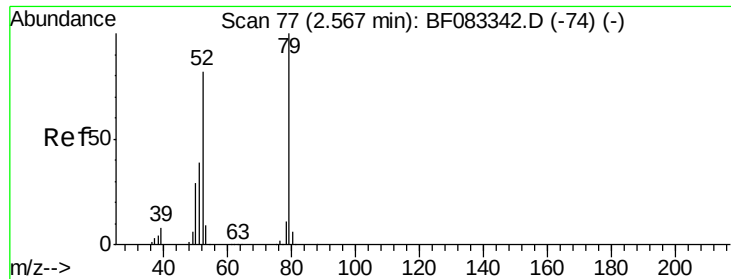


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

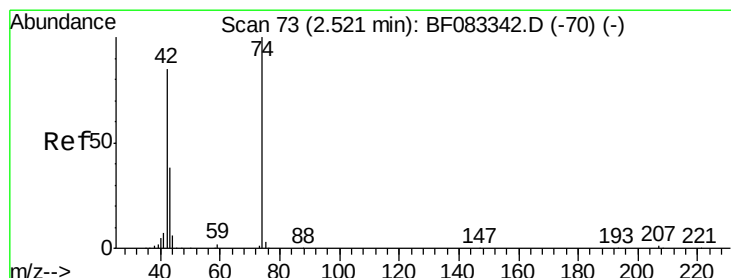
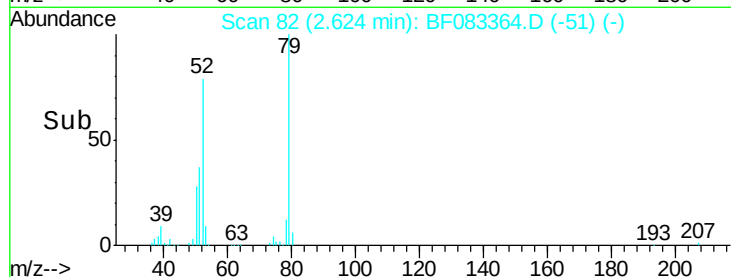
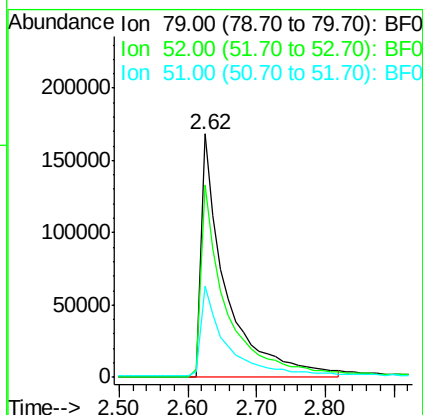
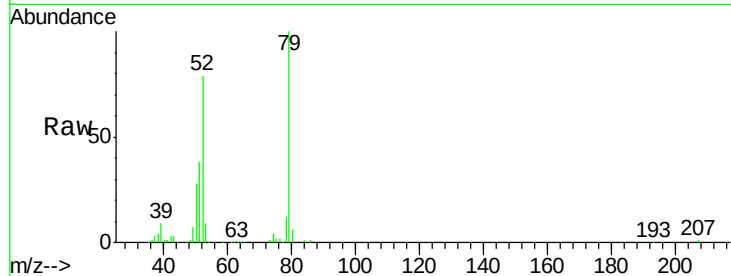




#3
 Pyridine
 Concen: 25.37 ng
 RT: 2.62 min Scan# 82
 Delta R.T. 0.06 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

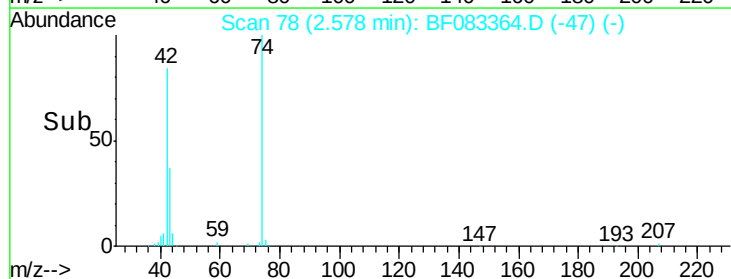
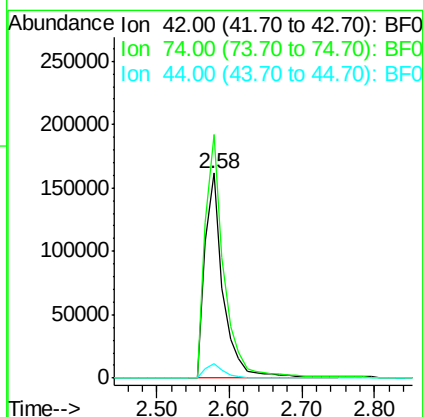
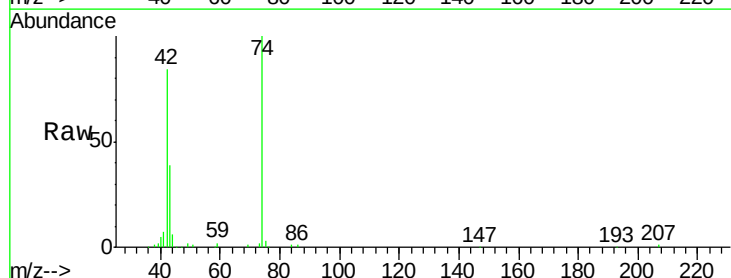
Instrument :
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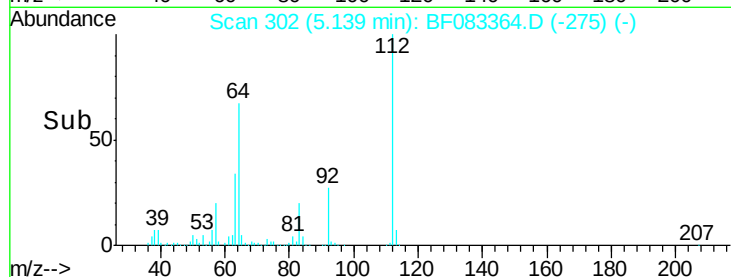
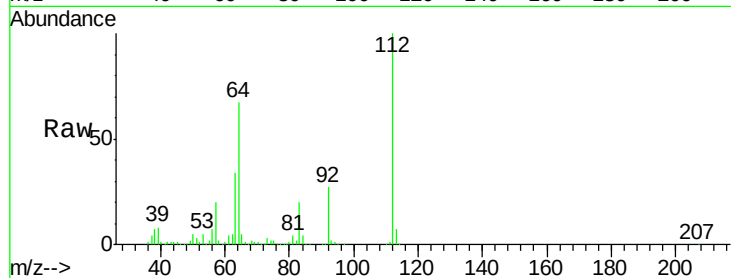
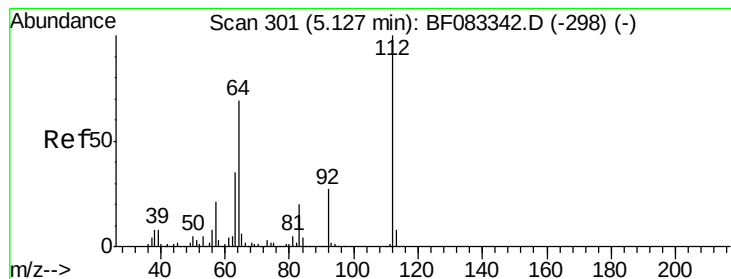
Tgt Ion: 79 Resp: 417948
 Ion Ratio Lower Upper
 79 100
 52 79.1 65.9 98.9
 51 37.7 32.3 48.5



#4
 n-Nitrosodimethylamine
 Concen: 35.11 ng
 RT: 2.58 min Scan# 78
 Delta R.T. 0.06 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion: 42 Resp: 284699
 Ion Ratio Lower Upper
 42 100
 74 119.0 93.7 140.5
 44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 74.67 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

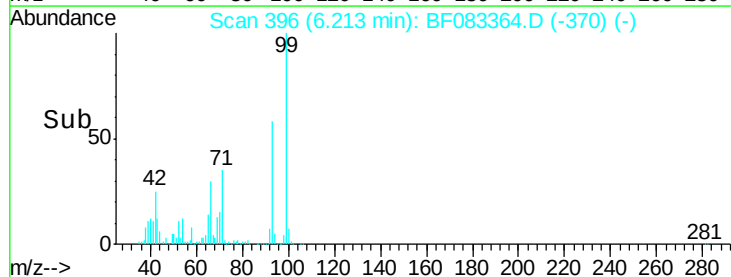
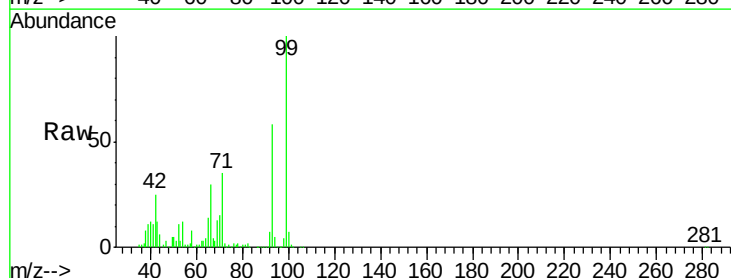
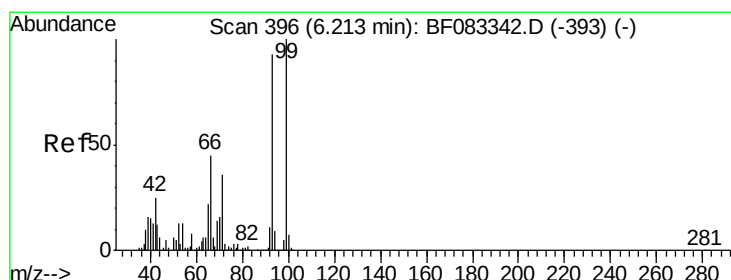
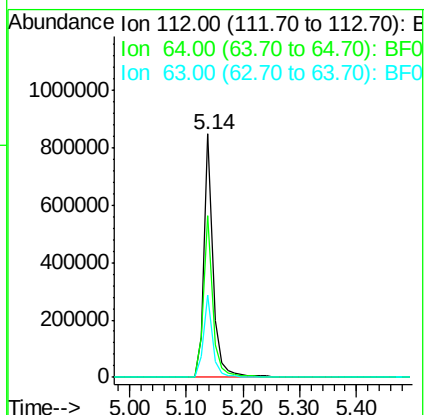
Tgt Ion: 112 Resp: 908128

Ion Ratio Lower Upper

112 100

64 66.5 55.6 83.4

63 33.8 28.2 42.2



#6

Aniline

Concen: 23.83 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

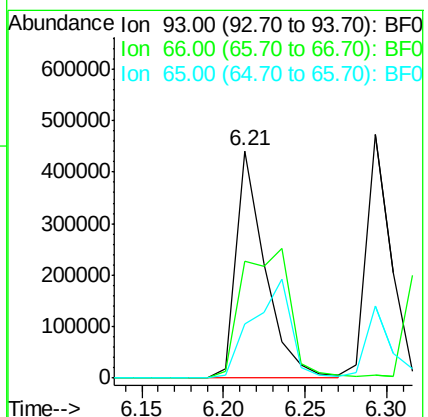
Tgt Ion: 93 Resp: 542646

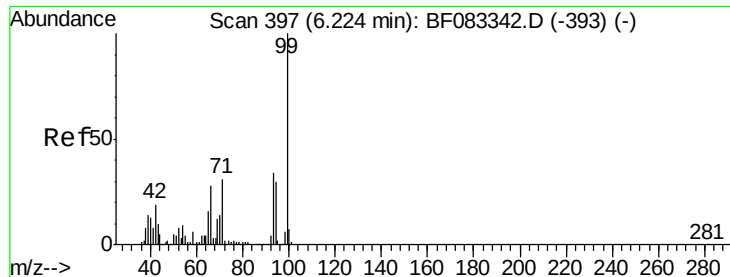
Ion Ratio Lower Upper

93 100

66 51.4 38.7 58.1

65 23.9 19.0 28.6





#7

Phenol-d6

Concen: 74.86 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

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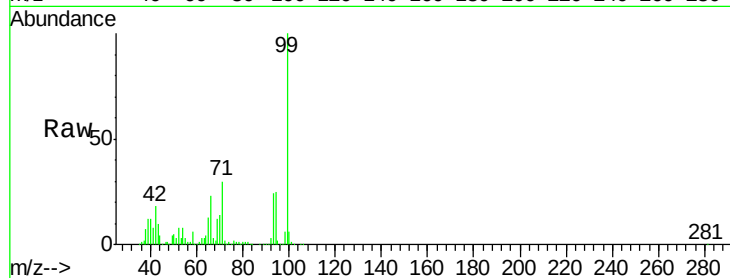
Tgt Ion: 99 Resp: 1246284

Ion Ratio Lower Upper

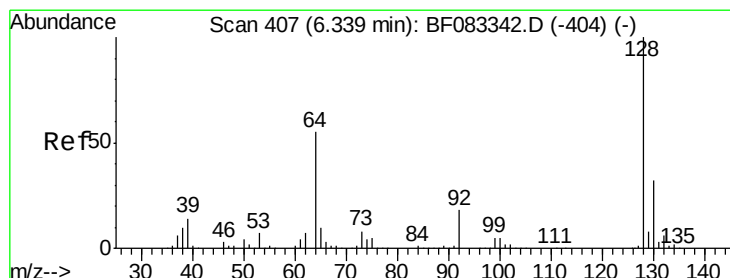
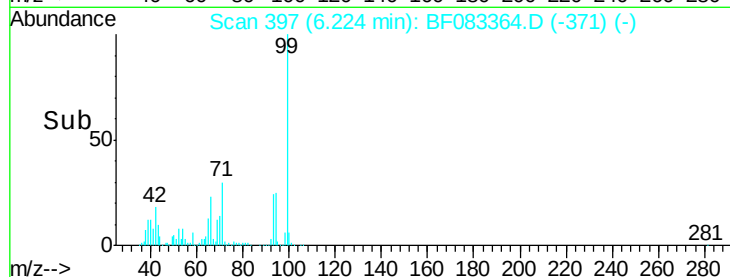
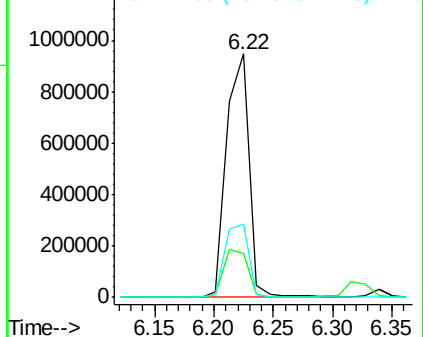
99 100

42 18.0 14.9 22.3

71 29.9 24.7 37.1



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



#8

2-Chlorophenol

Concen: 36.52 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

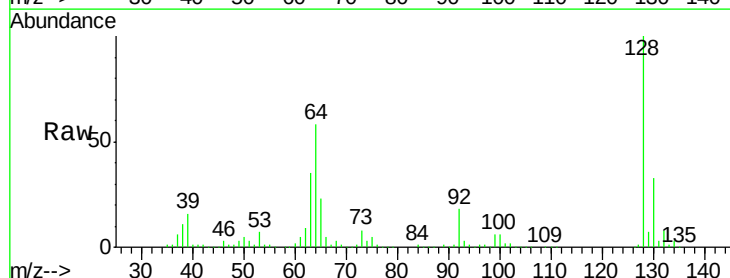
Tgt Ion: 128 Resp: 489983

Ion Ratio Lower Upper

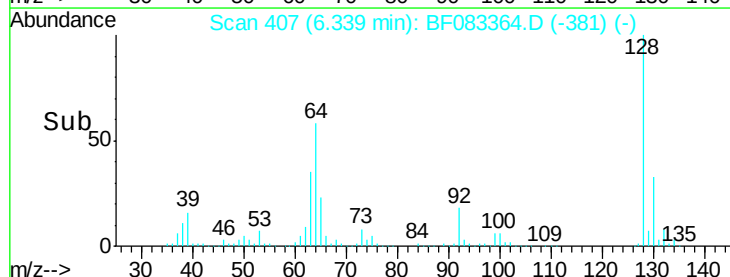
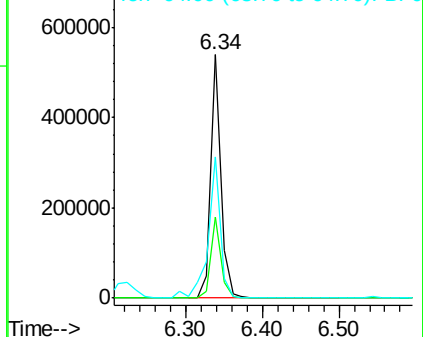
128 100

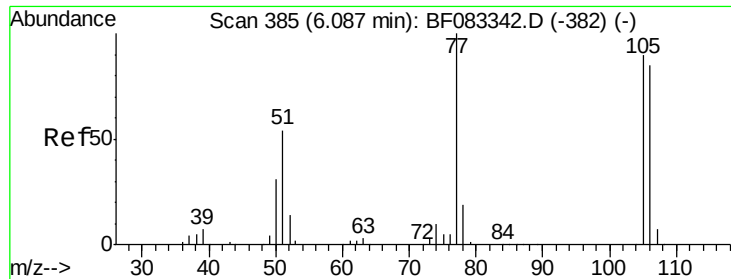
130 33.1 12.3 52.3

64 58.0 36.4 76.4



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: 25.96 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

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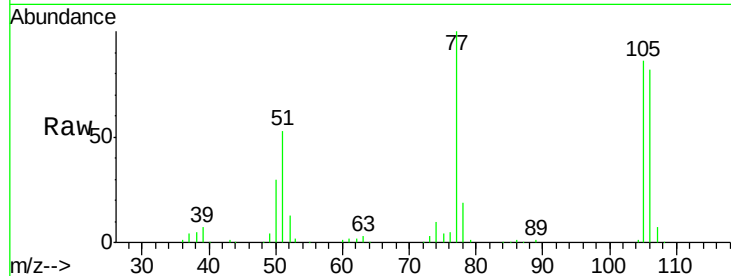
Tgt Ion: 77 Resp: 225875

Ion Ratio Lower Upper

77 100

105 85.6 70.0 110.0

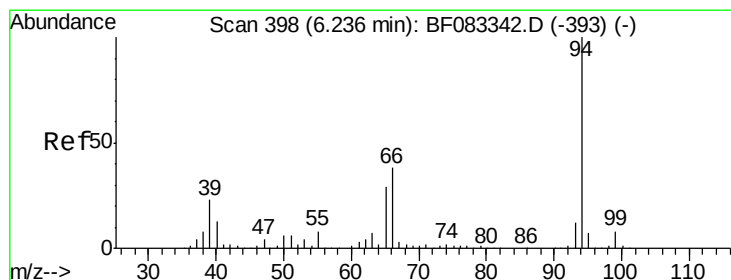
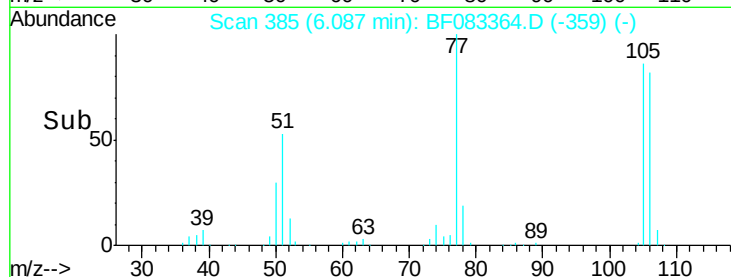
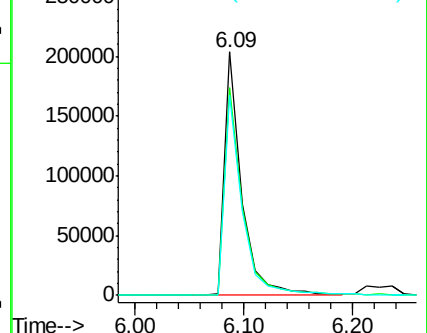
106 82.3 65.0 105.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.71 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

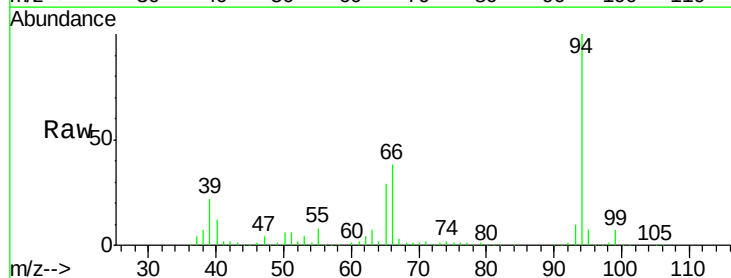
Tgt Ion: 94 Resp: 715274

Ion Ratio Lower Upper

94 100

65 28.8 9.5 49.5

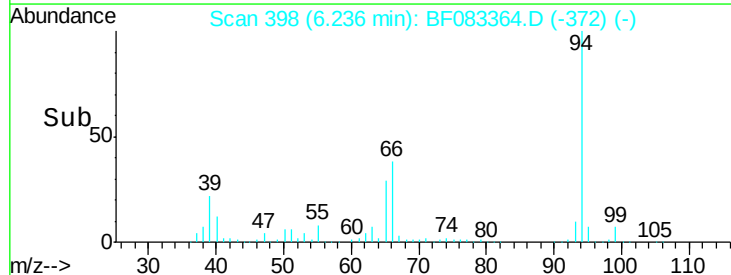
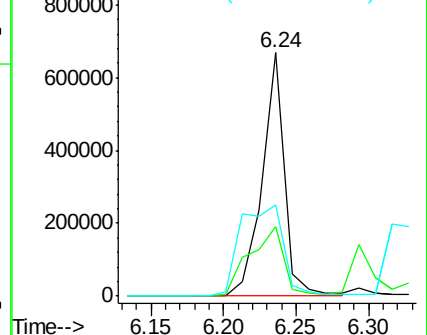
66 37.6 17.9 57.9

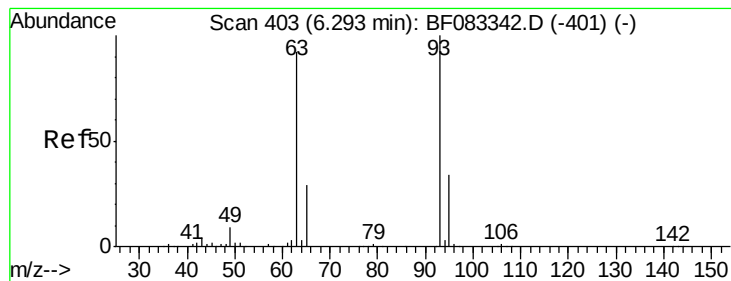


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

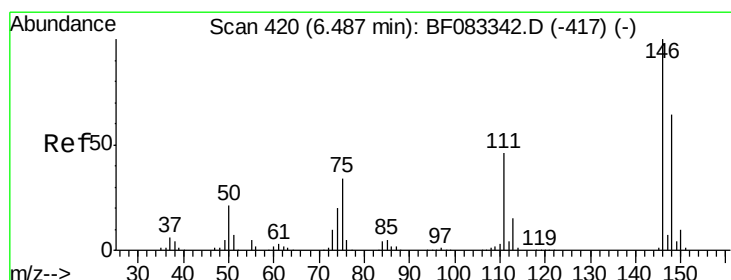
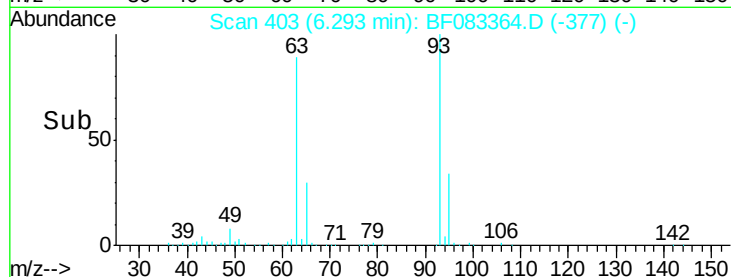
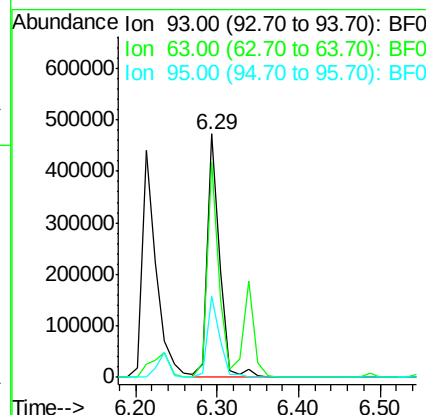
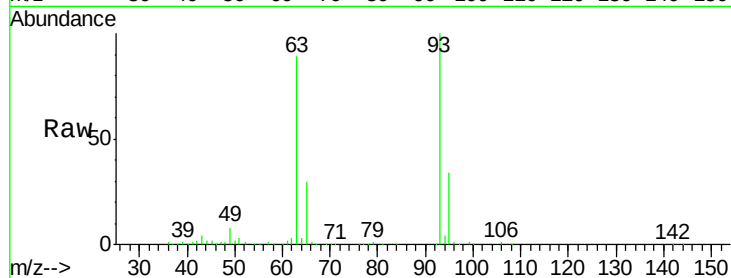




#11
bis(2-Chloroethyl)ether
Concen: 35.17 ng
RT: 6.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

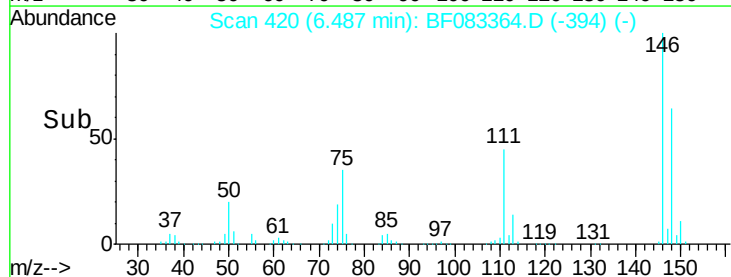
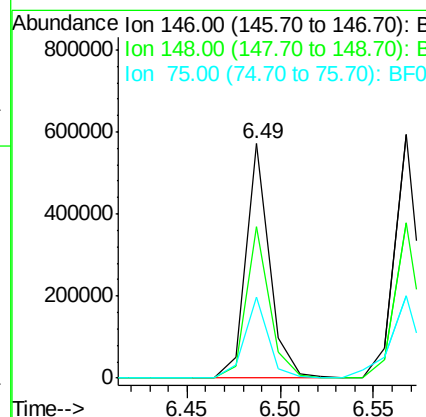
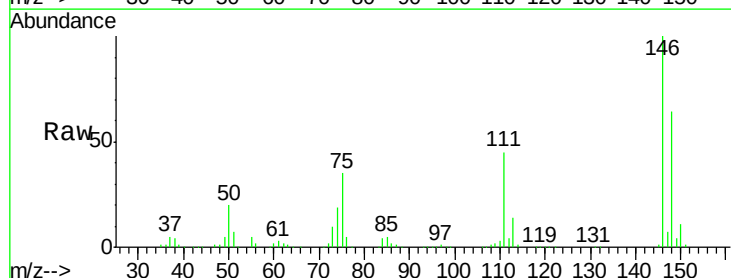
Instrument :
BNA_F
ClientSampleId :
PB86921BSD

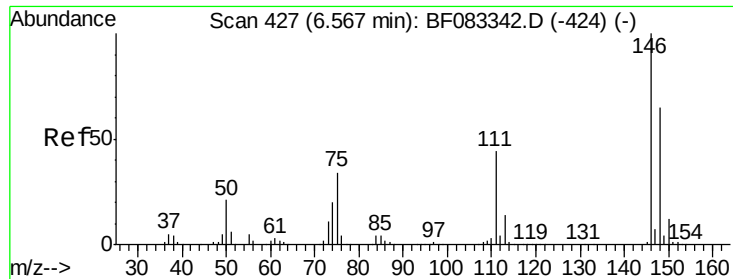
Tgt Ion: 93 Resp: 512508
Ion Ratio Lower Upper
93 100
63 88.7 71.4 111.4
95 33.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 33.68 ng
RT: 6.49 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion: 146 Resp: 502209
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
75 34.6 27.5 41.3

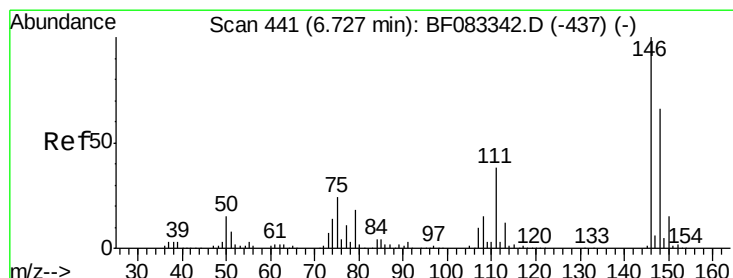
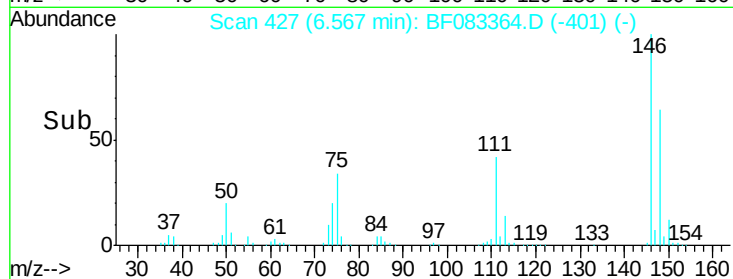
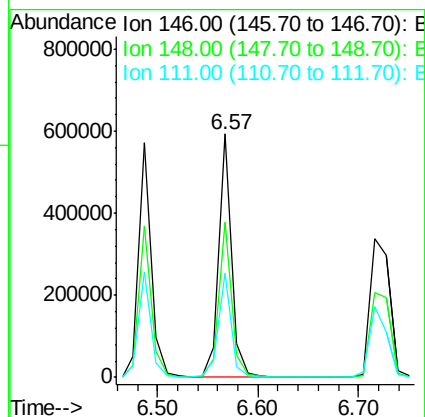
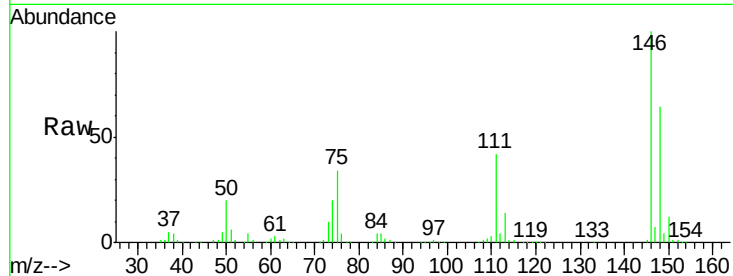




#13
 1,4-Dichlorobenzene
 Concen: 34.23 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

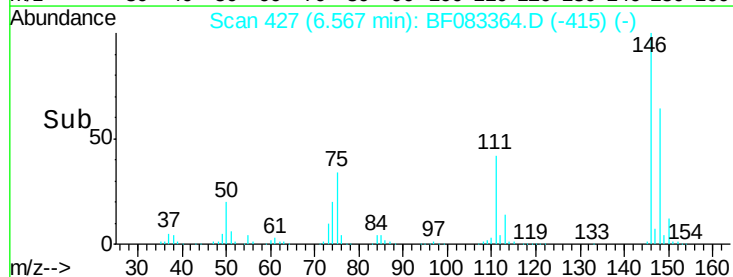
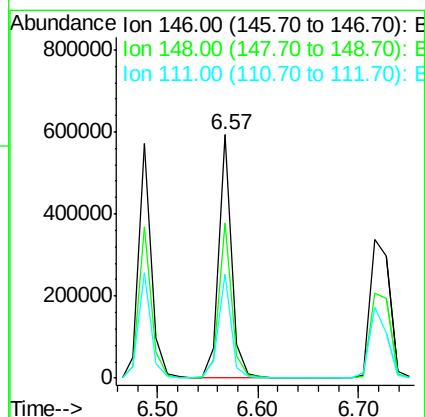
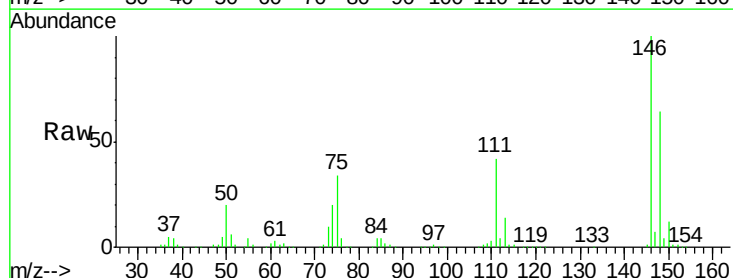
Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

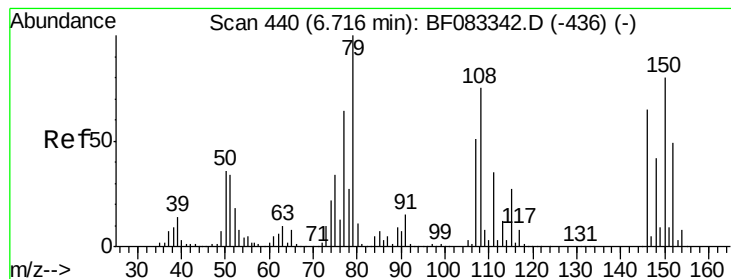
Tgt Ion:146 Resp: 527576
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.1 78.1
 111 42.5 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 37.31 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.16 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion:146 Resp: 527576
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.5 78.7
 111 42.5 30.6 46.0





#15

Benzyl Alcohol

Concen: 37.76 ng

RT: 6.72 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

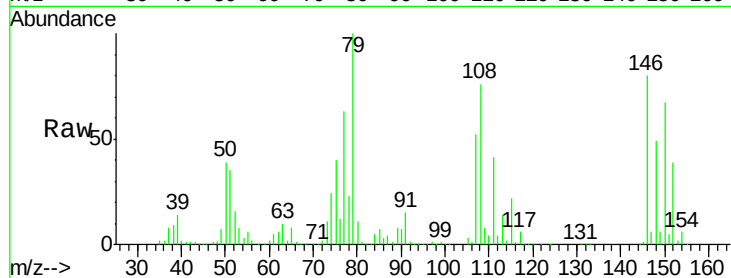
Tgt Ion: 79 Resp: 485888

Ion Ratio Lower Upper

79 100

108 75.9 59.9 89.9

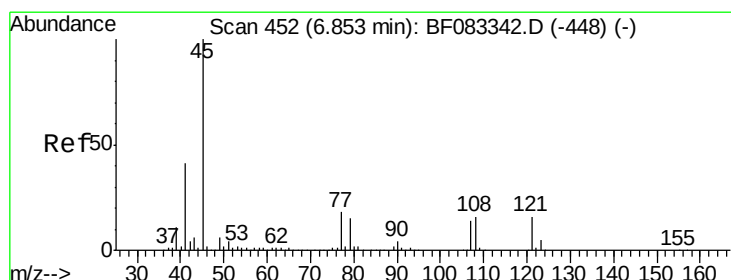
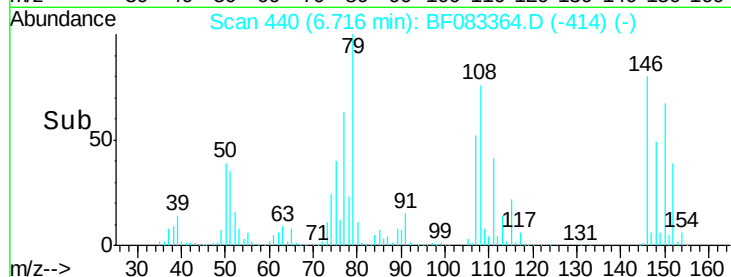
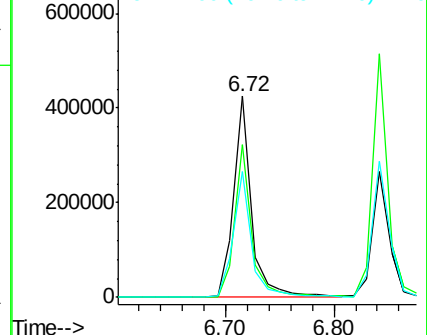
77 62.6 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.80 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

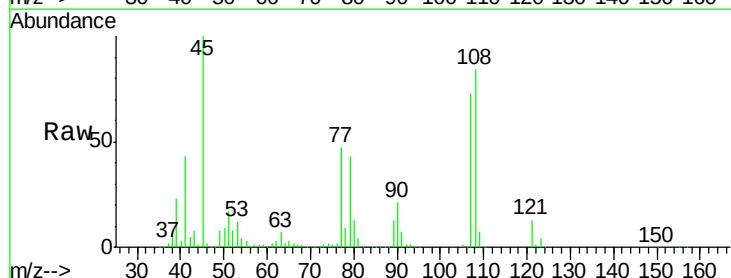
Tgt Ion: 45 Resp: 915395

Ion Ratio Lower Upper

45 100

77 46.7 0.0 38.3#

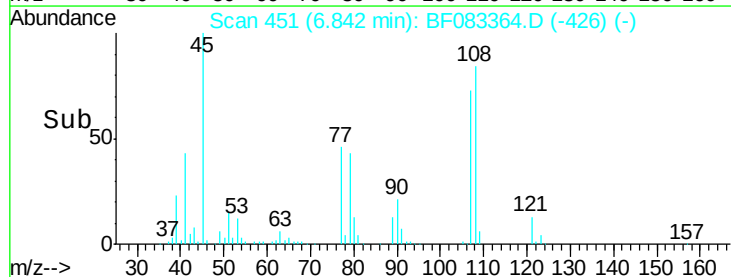
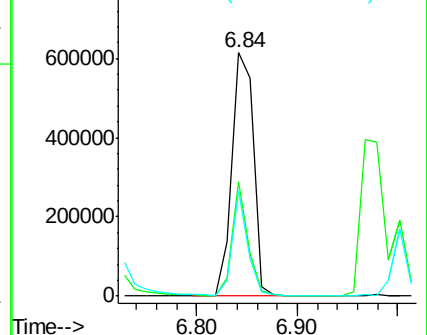
79 43.1 0.0 35.4#

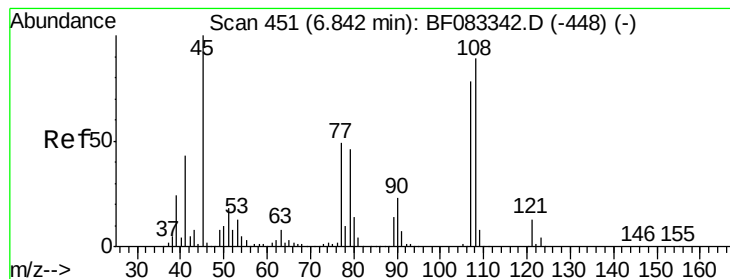


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.78 ng

RT: 6.84 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

Tgt Ion:107 Resp: 433723

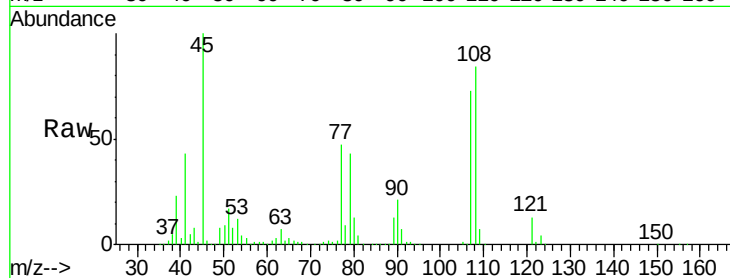
Ion Ratio Lower Upper

107 100

108 114.0 91.6 137.4

77 63.6 49.9 74.9

79 58.6 47.3 70.9

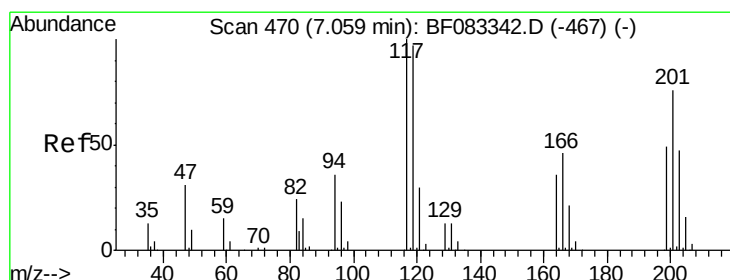
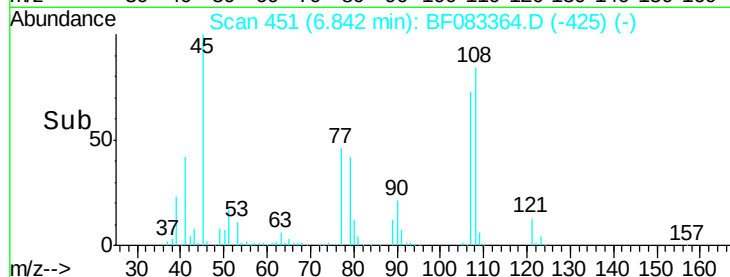
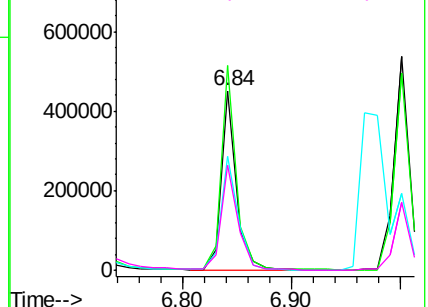


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.25 ng

RT: 7.06 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

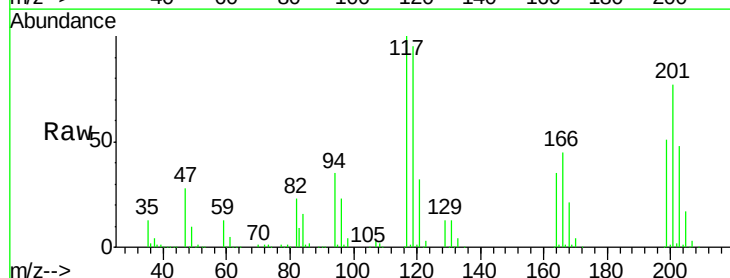
Tgt Ion:117 Resp: 178024

Ion Ratio Lower Upper

117 100

119 95.1 77.3 115.9

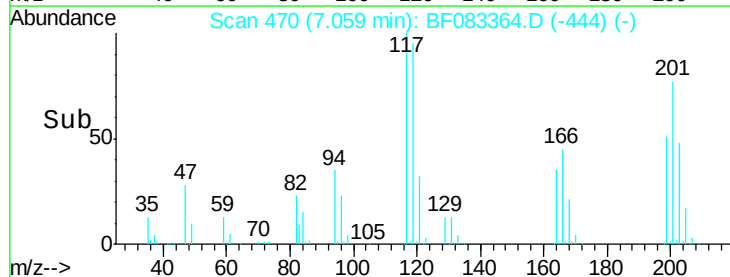
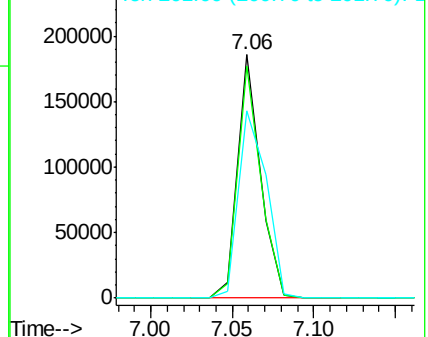
201 77.2 60.6 90.8

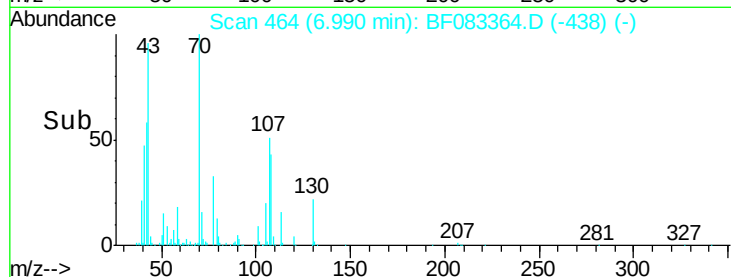
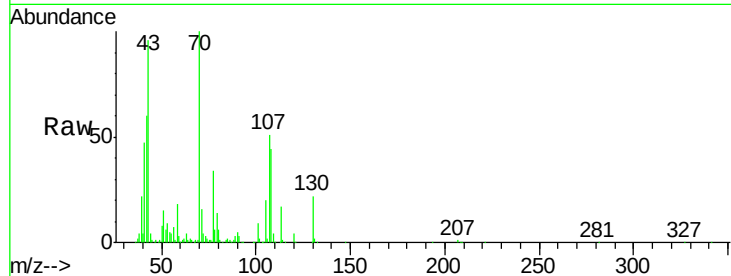
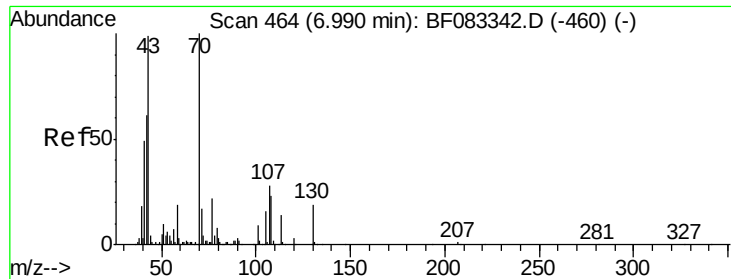


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

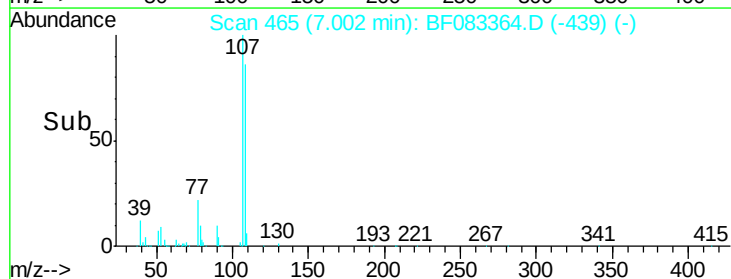
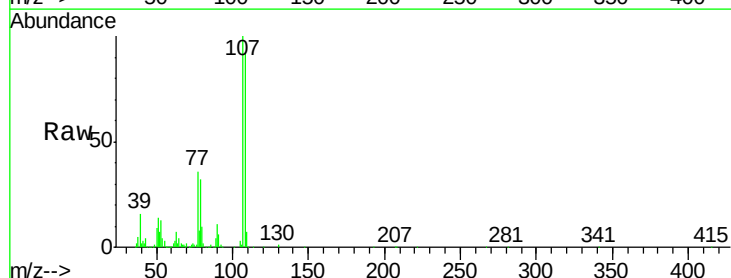
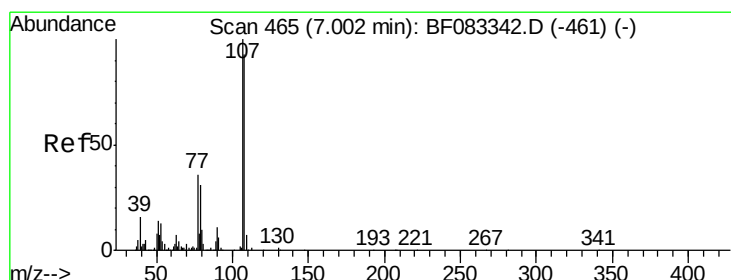
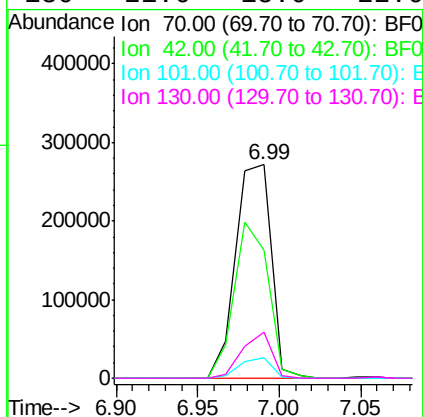




#19
n-Nitroso-di-n-propylamine
Concen: 34.44 ng
RT: 6.99 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

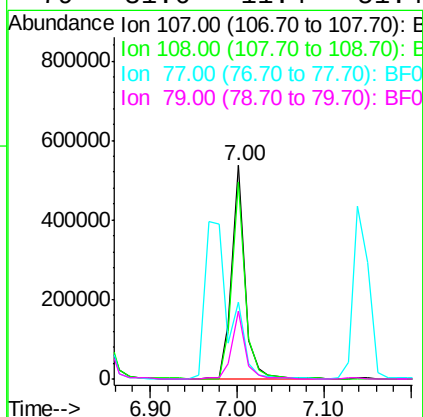
Instrument :
BNA_F
ClientSampleId :
PB86921BSD

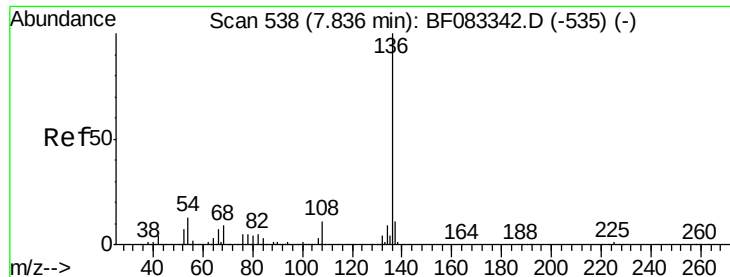
Tgt Ion:	70	Resp:	409797
Ion	Ratio	Lower	Upper
70	100		
42	59.7	48.8	73.2
101	9.4	7.1	10.7
130	21.6	15.0	22.6



#20
3+4-Methylphenols
Concen: 37.30 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion:	107	Resp:	564926
Ion	Ratio	Lower	Upper
107	100		
108	92.1	73.0	113.0
77	35.8	16.8	56.8
79	31.6	11.4	51.4

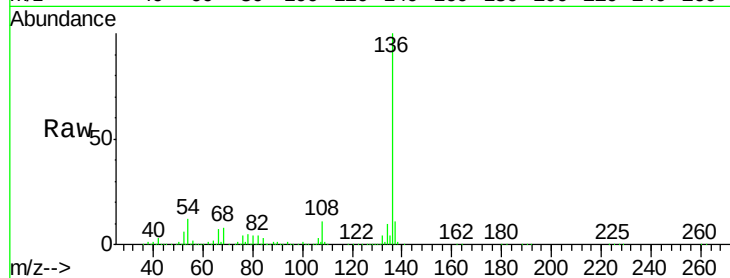




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Instrument :
BNA_F
ClientSampleId :
PB86921BSD

Tgt Ion:	136	Resp:	696219
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	11.8	10.1	15.1
68	8.0	7.1	10.7



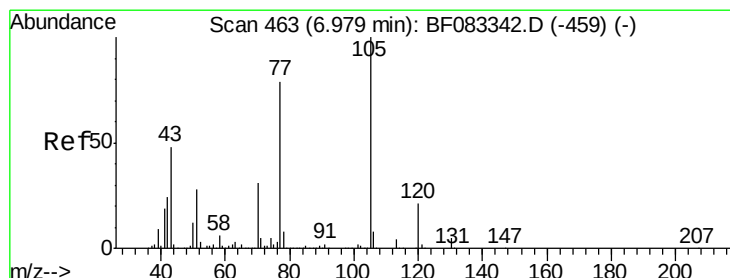
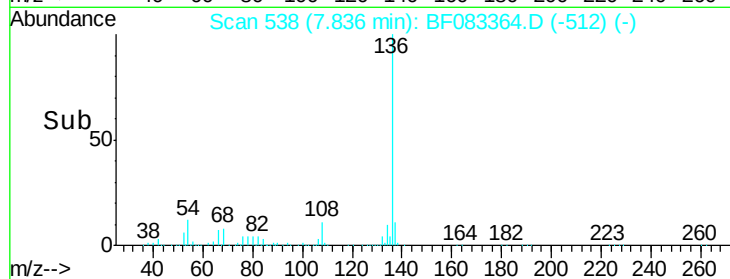
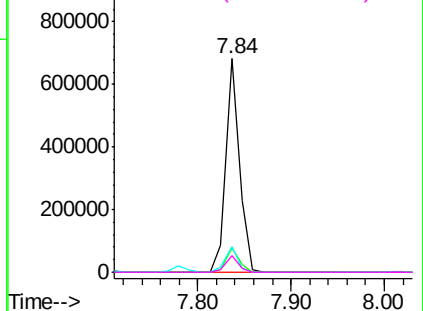
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

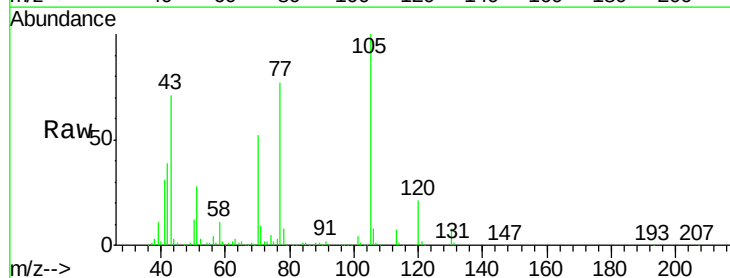
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 34.23 ng
RT: 6.98 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion:	105	Resp:	713062
Ion	Ratio	Lower	Upper
105	100		
71	8.9	4.3	6.5#
51	28.2	22.9	34.3
120	21.1	16.7	25.1



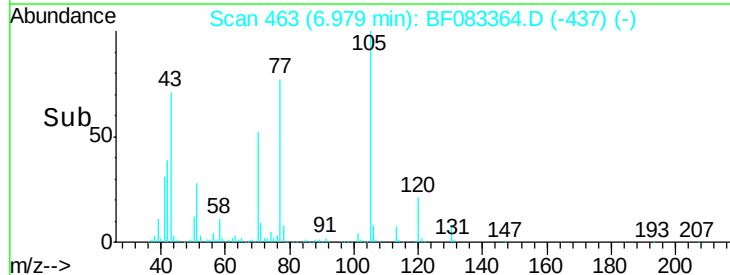
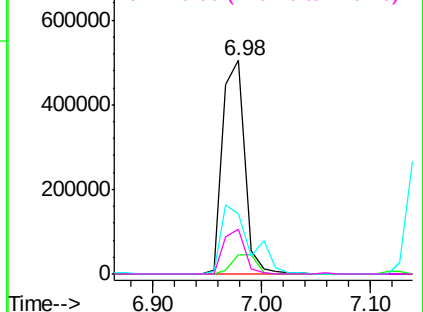
Abundance

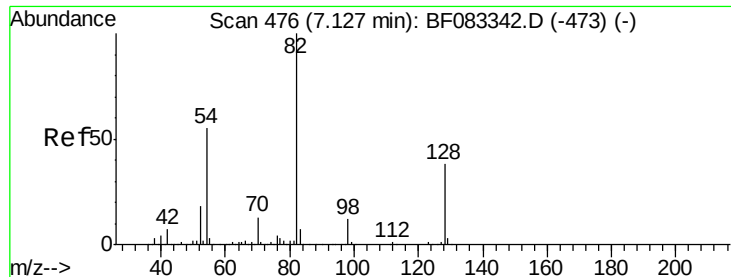
Ion 105.00 (104.70 to 105.70): E

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

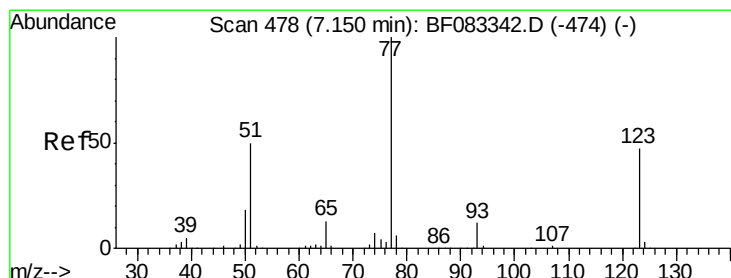
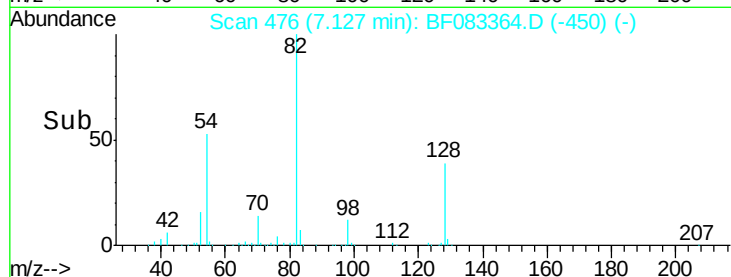
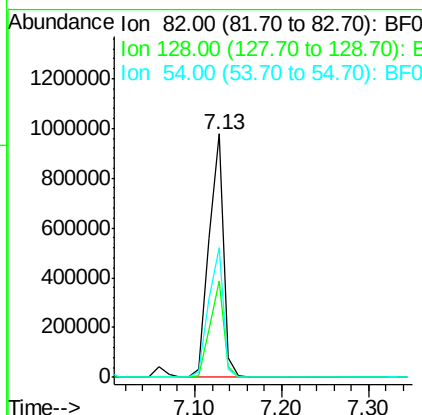
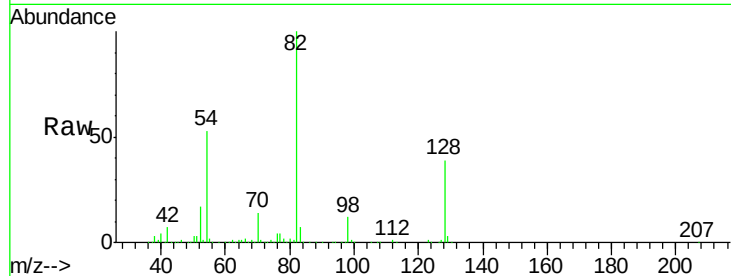




#23
 Nitrobenzene-d5
 Concen: 71.93 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

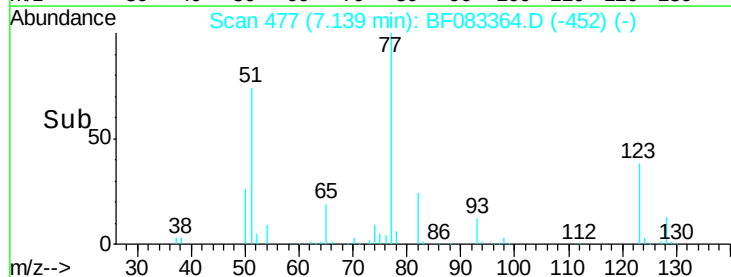
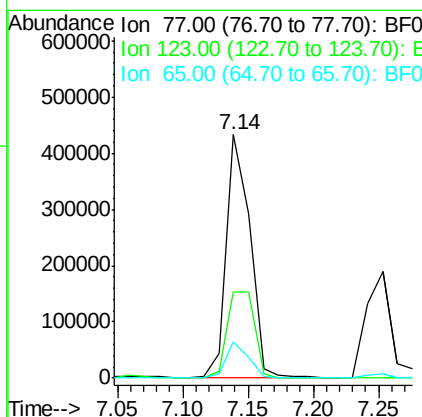
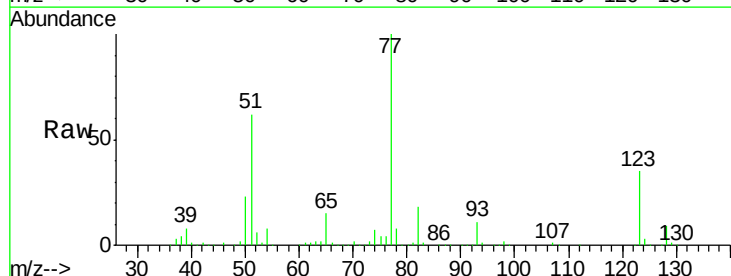
Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

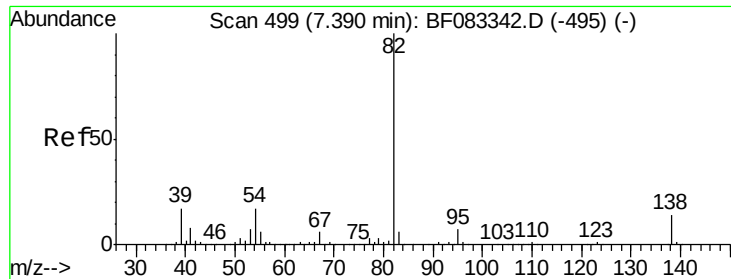
Tgt Ion: 82 Resp: 1139272
 Ion Ratio Lower Upper
 82 100
 128 39.4 30.6 46.0
 54 53.4 43.8 65.6



#24
 Nitrobenzene
 Concen: 32.05 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion: 77 Resp: 542067
 Ion Ratio Lower Upper
 77 100
 123 35.4 37.4 56.0#
 65 15.1 10.6 15.8

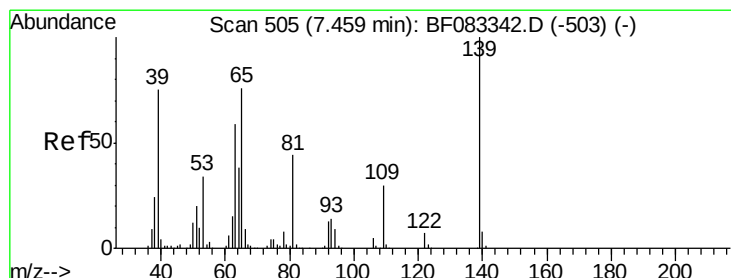
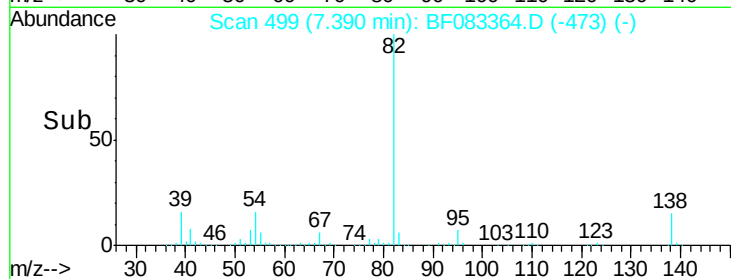
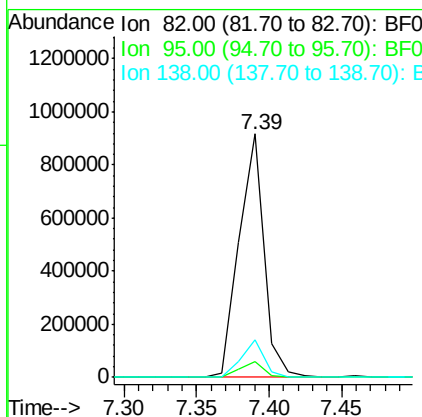
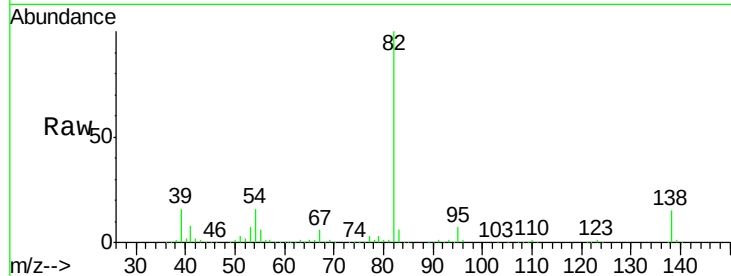




#25
Isophorone
Concen: 35.62 ng
RT: 7.39 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

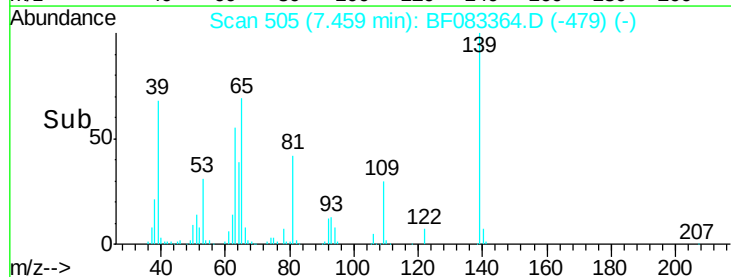
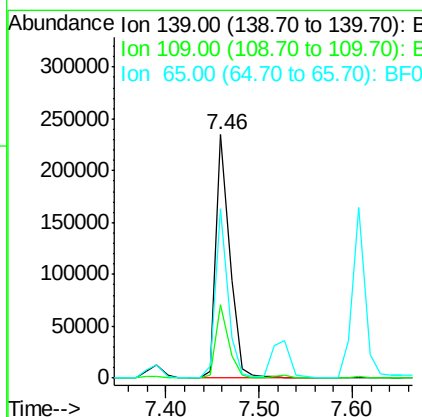
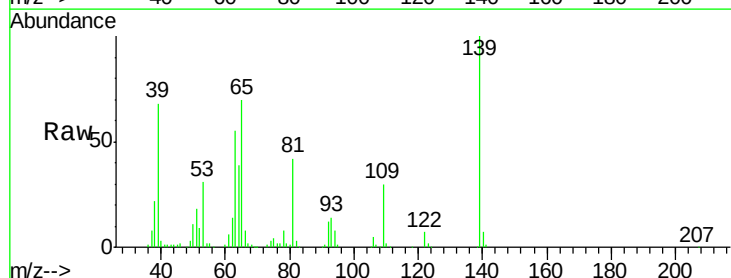
Instrument :
BNA_F
ClientSampleId :
PB86921BSD

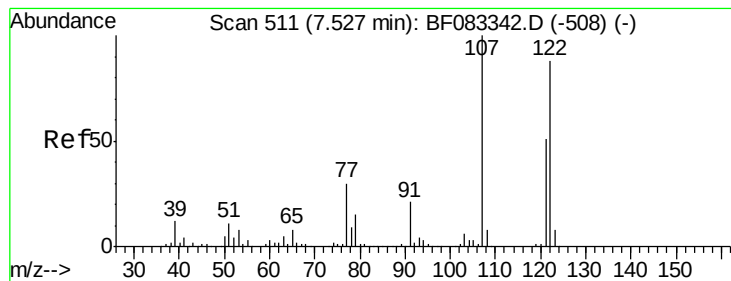
Tgt Ion: 82 Resp: 1092793
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 15.2 11.6 17.4



#26
2-Nitrophenol
Concen: 35.12 ng
RT: 7.46 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion: 139 Resp: 242482
Ion Ratio Lower Upper
139 100
109 30.2 24.2 36.4
65 69.6 61.0 91.6

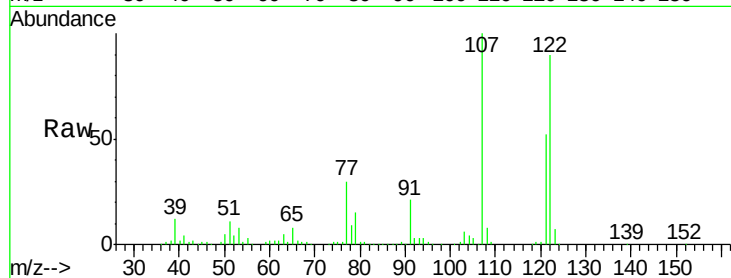




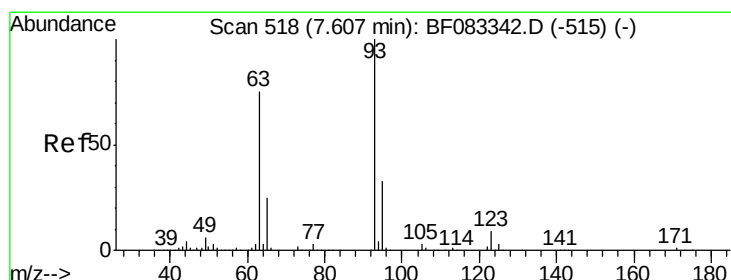
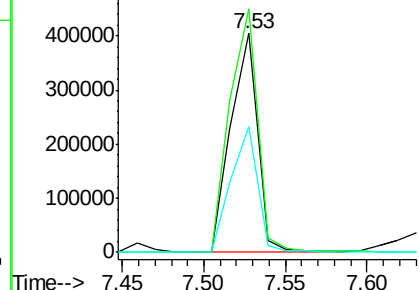
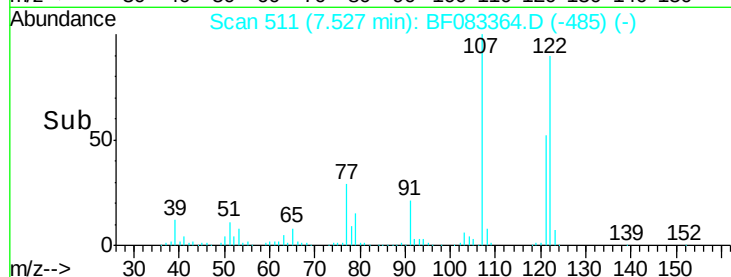
#27
 2,4-Dimethylphenol
 Concen: 39.58 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

Tgt Ion:122 Resp: 458056
 Ion Ratio Lower Upper
 122 100
 107 111.3 91.2 136.8
 121 57.8 46.4 69.6

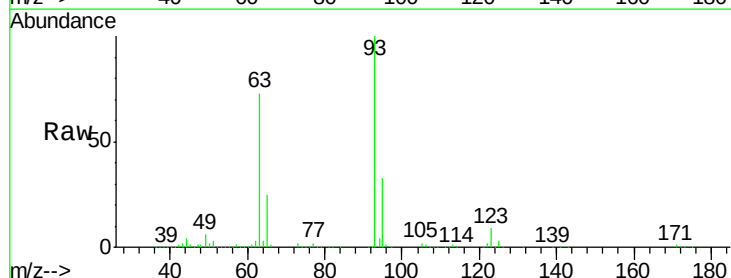


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

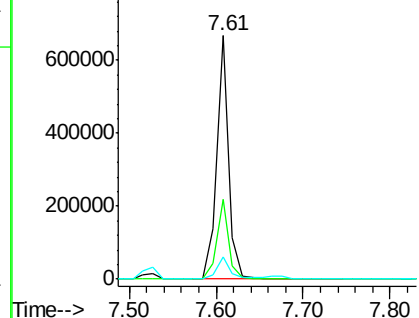
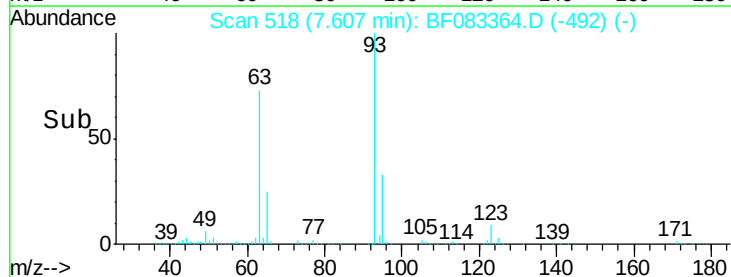


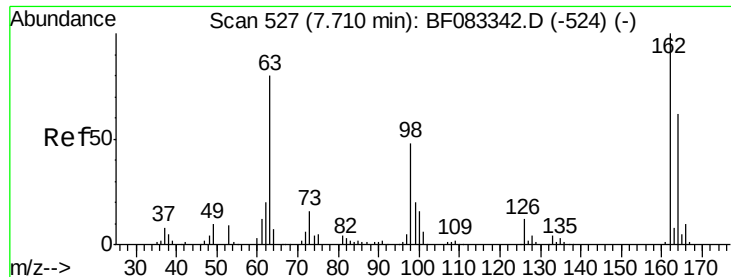
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.09 ng
 RT: 7.61 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion: 93 Resp: 647994
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.1 39.1
 123 9.2 7.4 11.0



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

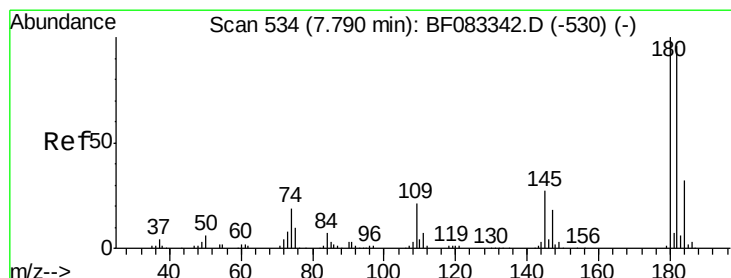
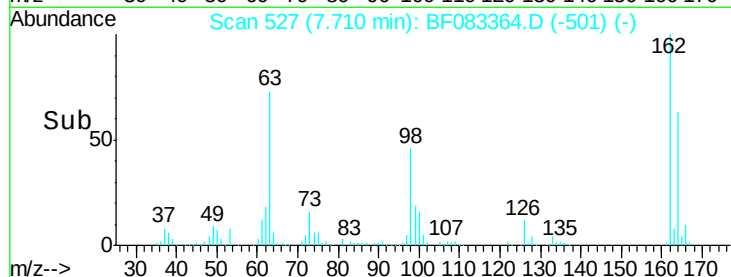
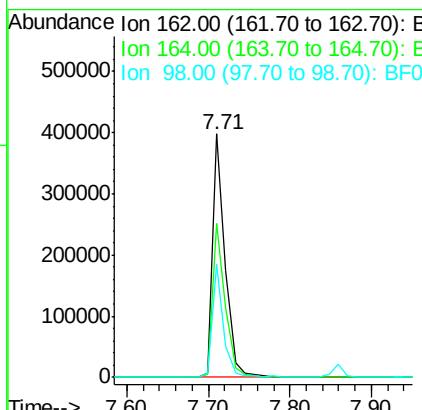
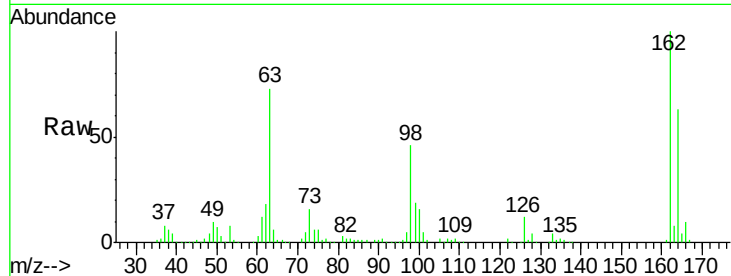




#29
 2,4-Dichlorophenol
 Concen: 38.31 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

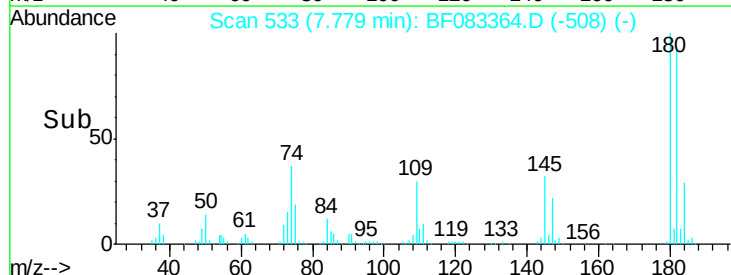
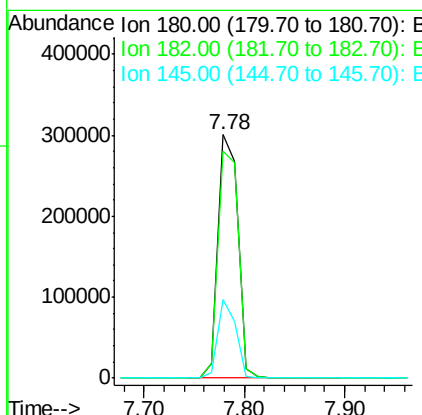
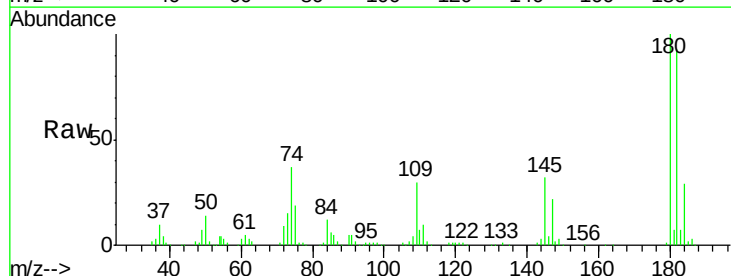
Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

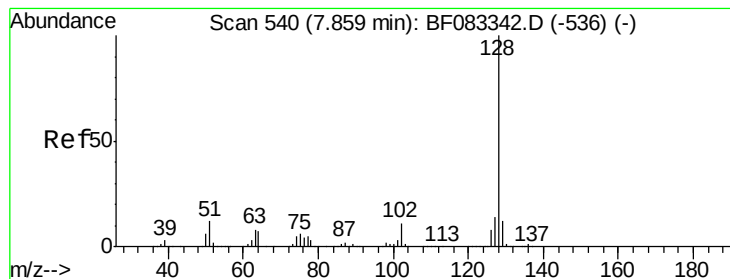
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	41.9	81.9
98	46.3	28.1	68.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.17 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.2	115.8
145	32.1	21.4	32.2





#31

Naphthalene

Concen: 35.47 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

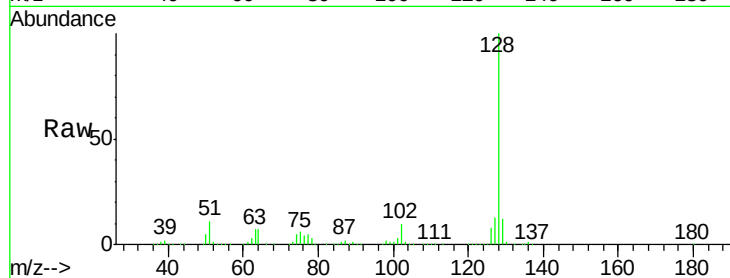
Tgt Ion:128 Resp: 1339934

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

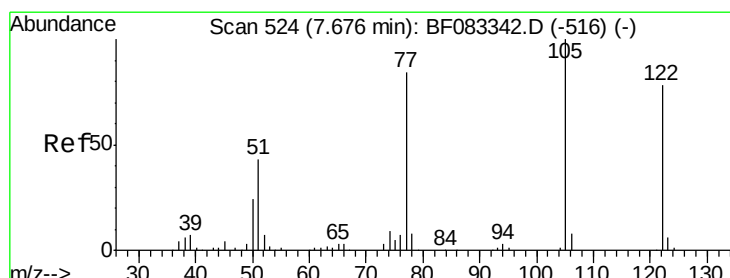
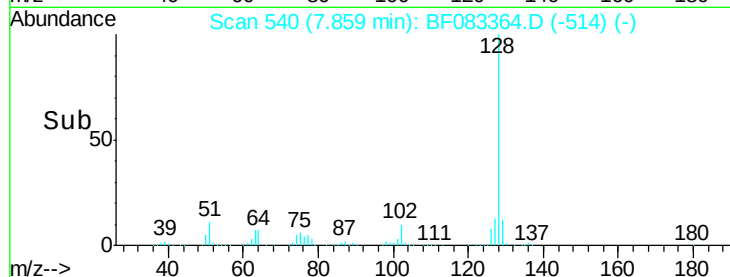
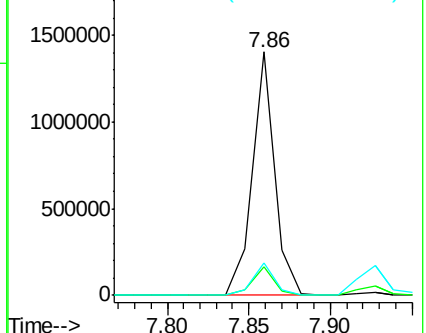
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.99 ng

RT: 7.68 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

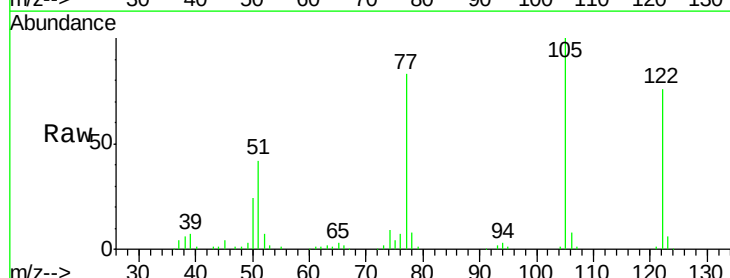
Tgt Ion:122 Resp: 271308

Ion Ratio Lower Upper

122 100

105 131.0 106.0 146.0

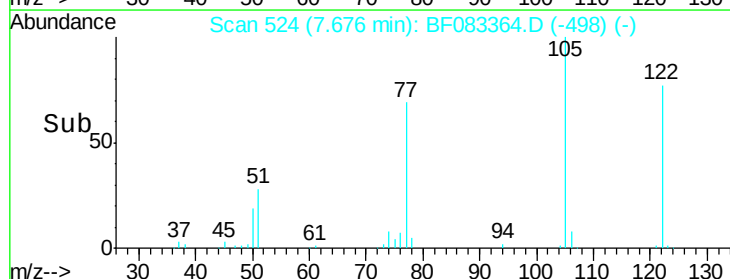
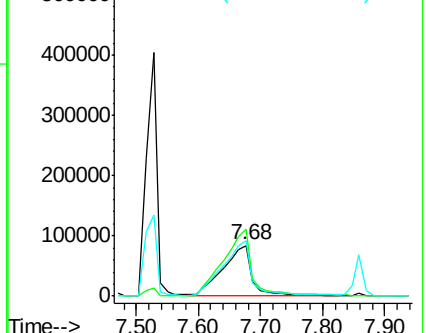
77 109.2 86.3 126.3

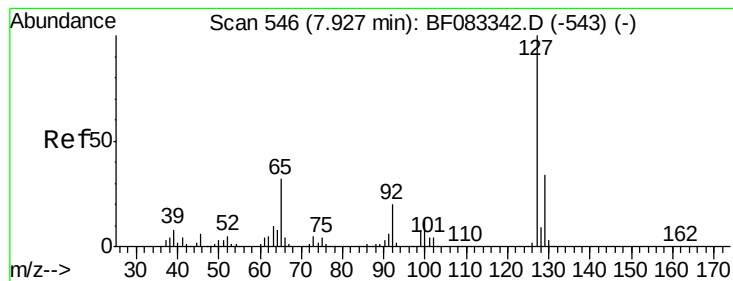


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.31 ng

RT: 7.93 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

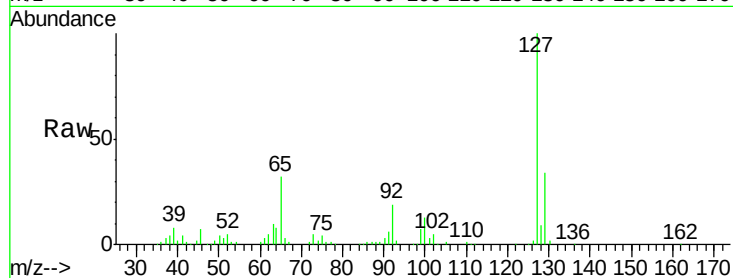
Instrument :

BNA_F

ClientSampleId :

PB86921BSD

Tgt Ion:	127	Resp:	233017
Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.0	40.4
65	31.6	25.9	38.9
92	19.5	15.8	23.8

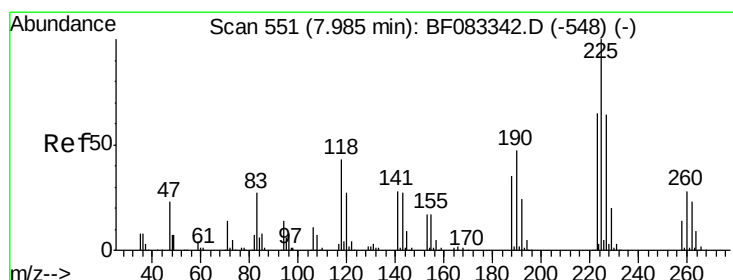
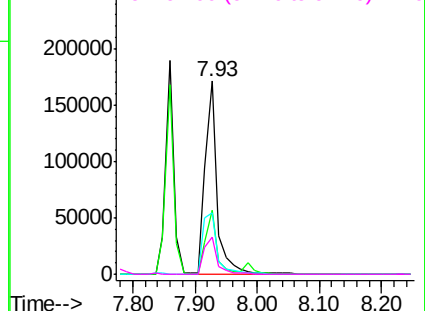
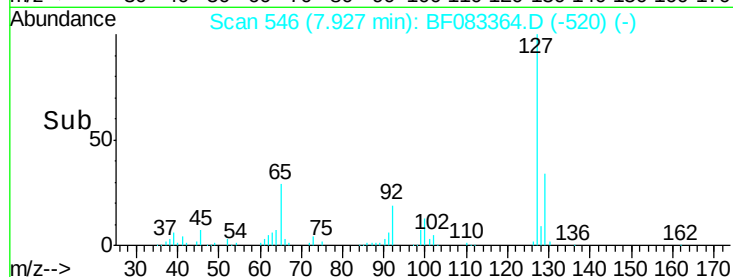


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.45 ng

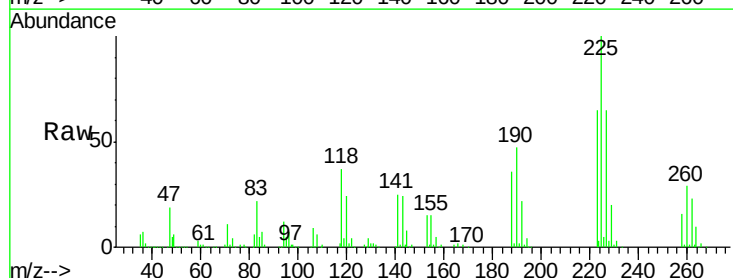
RT: 7.98 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

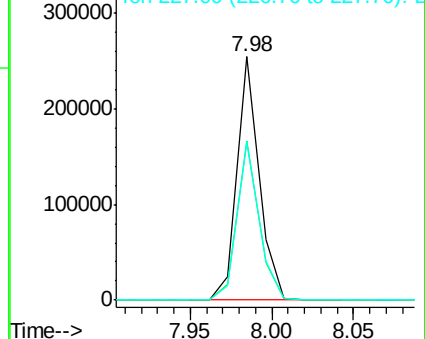
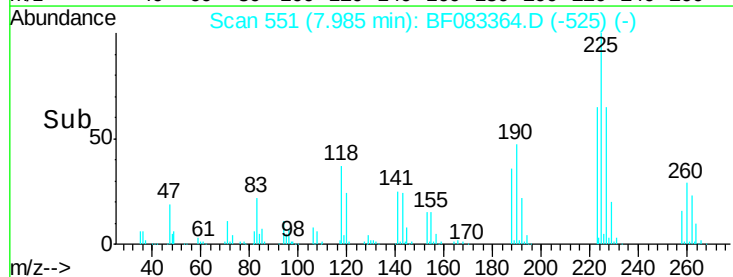
Tgt Ion:	225	Resp:	236997
Ion	Ratio	Lower	Upper
225	100		
223	65.1	52.0	78.0
227	64.8	51.1	76.7

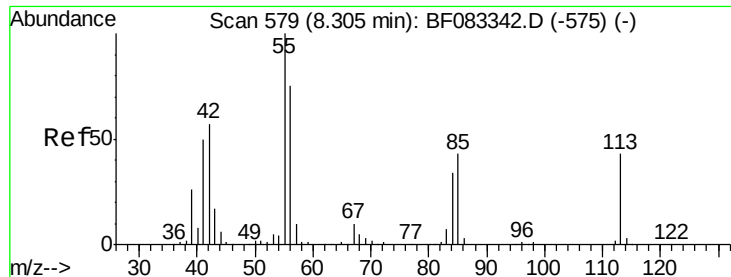


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

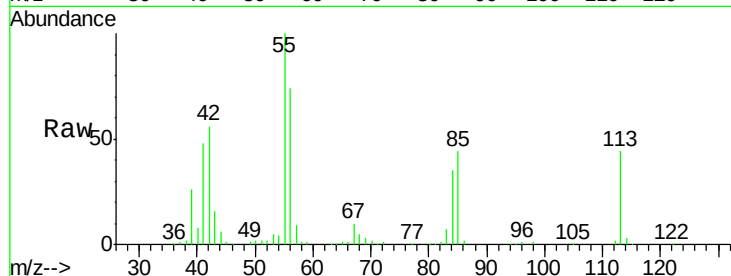




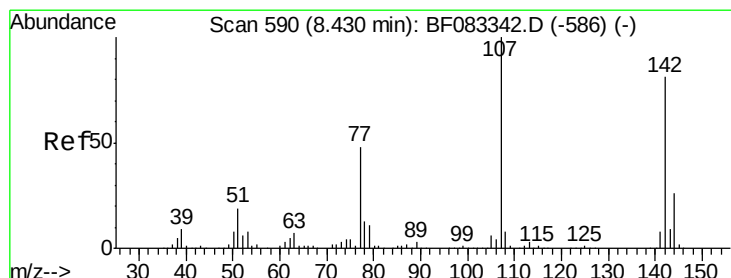
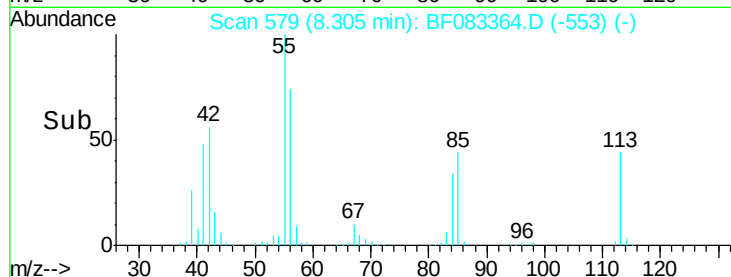
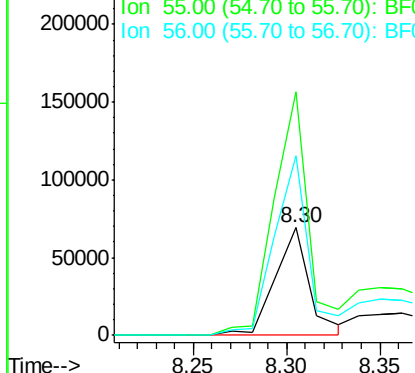
#35
 Caprolactam
 Concen: 25.11 ng
 RT: 8.30 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

Tgt Ion:113 Resp: 88298
 Ion Ratio Lower Upper
 113 100
 55 226.4 211.6 251.6
 56 166.9 153.0 193.0

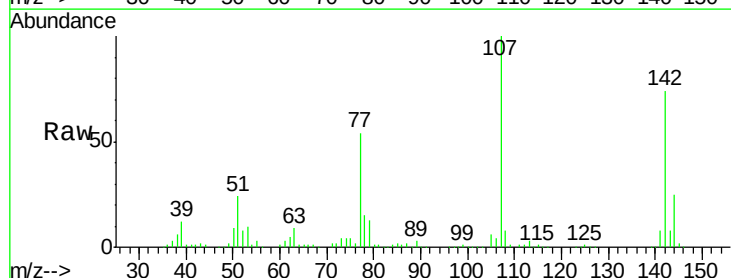


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

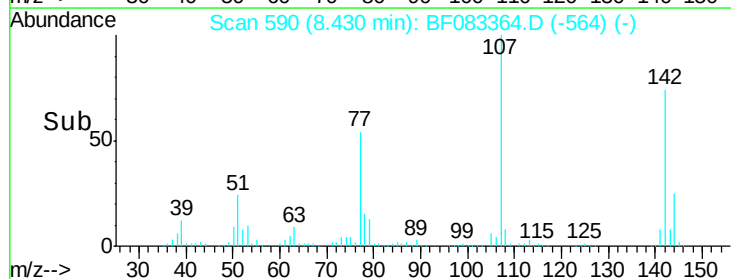
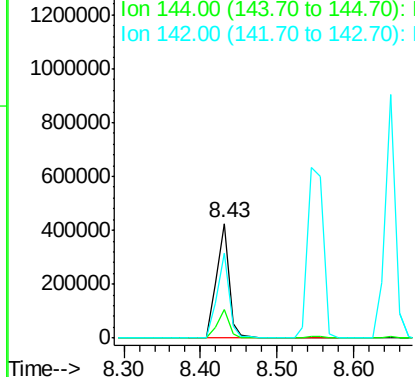


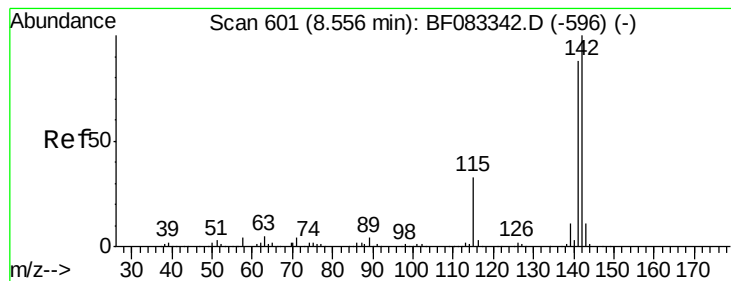
#36
 4-Chloro-3-methylphenol
 Concen: 39.13 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion:107 Resp: 488514
 Ion Ratio Lower Upper
 107 100
 144 24.6 21.1 31.7
 142 73.8 65.1 97.7



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





#37

2-Methylnaphthalene

Concen: 34.98 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

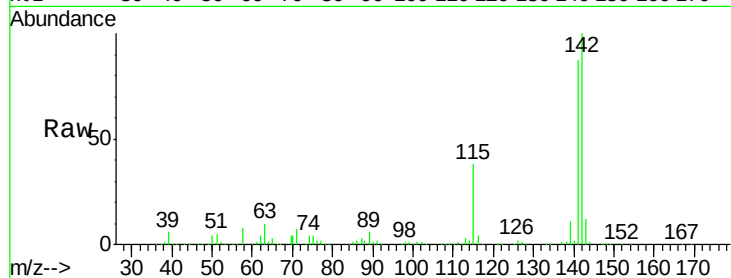
Tgt Ion:142 Resp: 883132

Ion Ratio Lower Upper

142 100

141 87.4 70.6 105.8

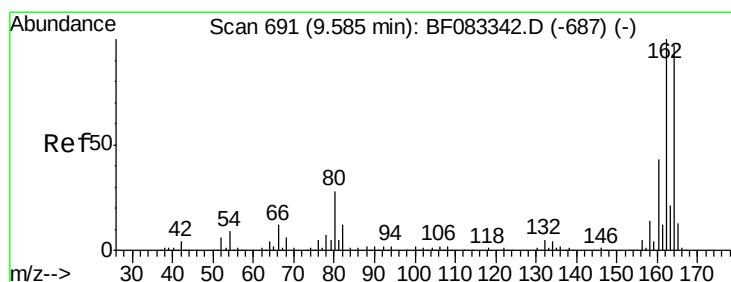
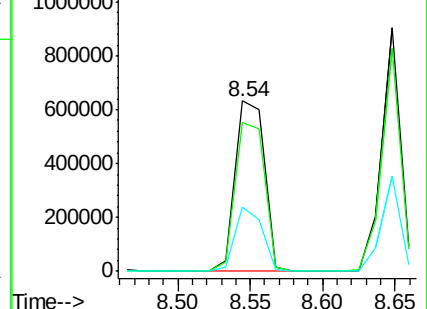
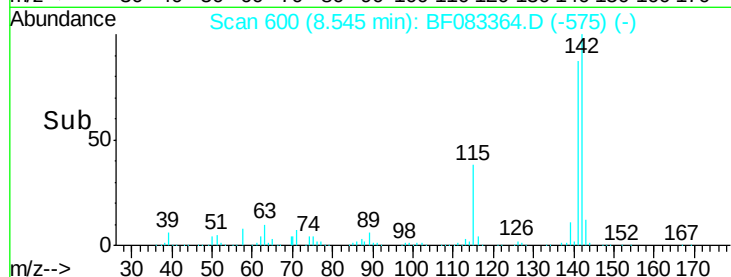
115 37.6 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

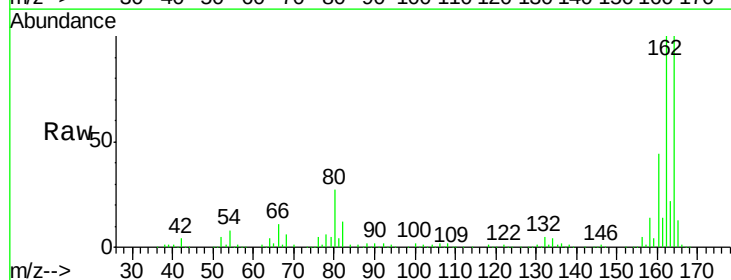
Tgt Ion:164 Resp: 371884

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

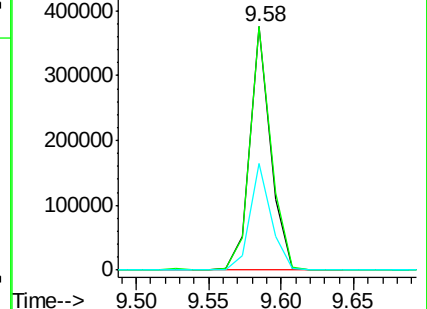
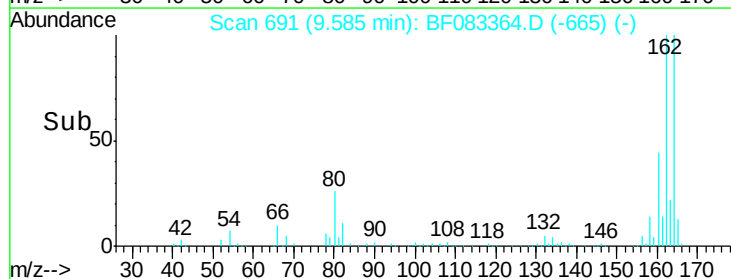
160 43.8 35.3 52.9

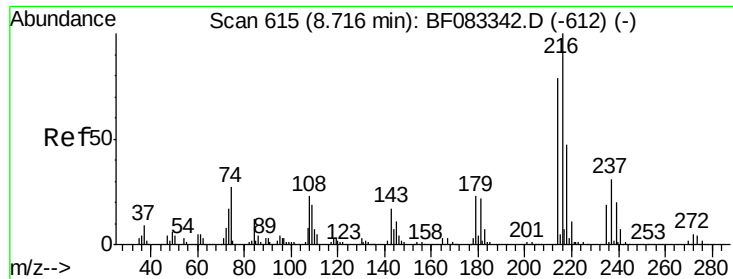


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

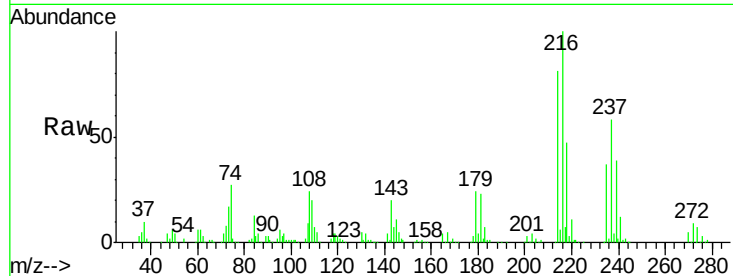




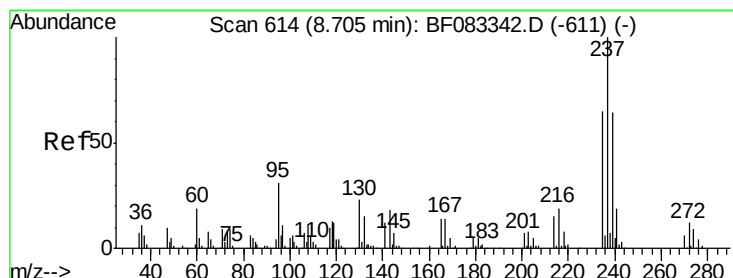
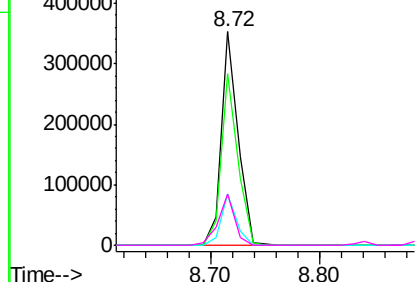
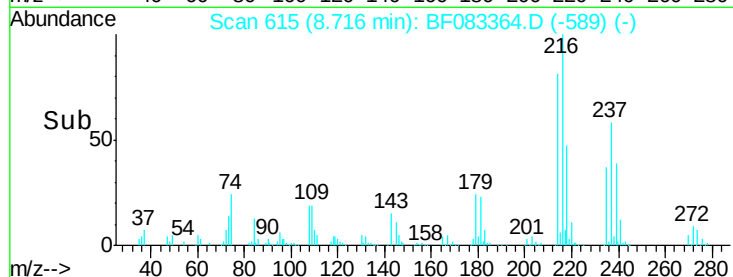
#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.27 ng
RT: 8.72 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Instrument :
BNA_F
ClientSampleId :
PB86921BSD

Tgt Ion:216 Resp: 380386
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 21.6 17.0 25.4
108 23.6 16.7 25.1

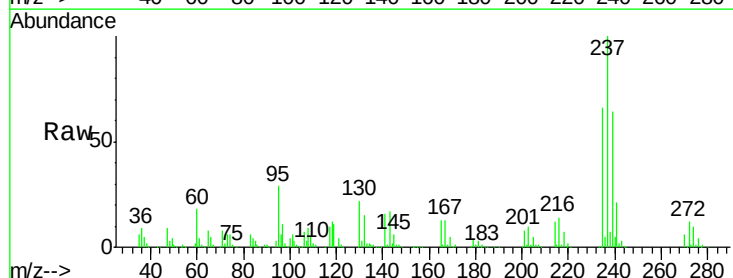


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

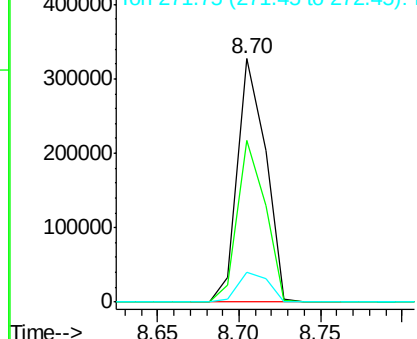
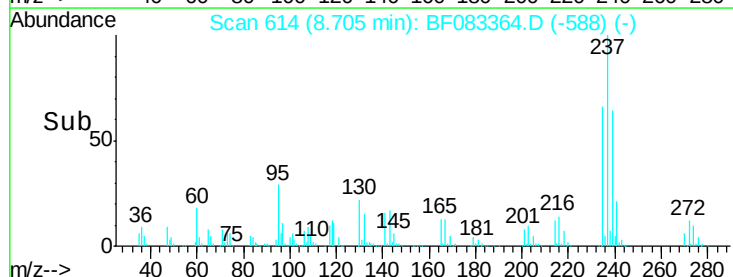


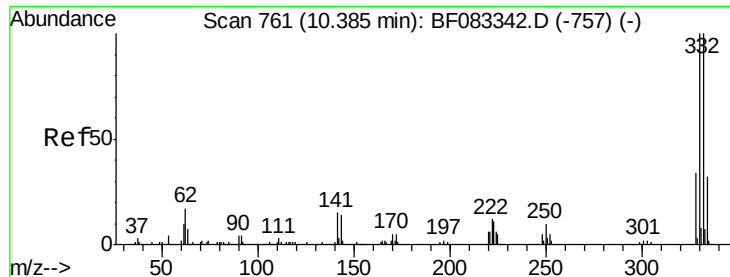
#40
Hexachlorocyclopentadiene
Concen: 69.86 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion:237 Resp: 391207
Ion Ratio Lower Upper
237 100
235 66.4 44.5 84.5
272 12.5 0.0 31.6



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

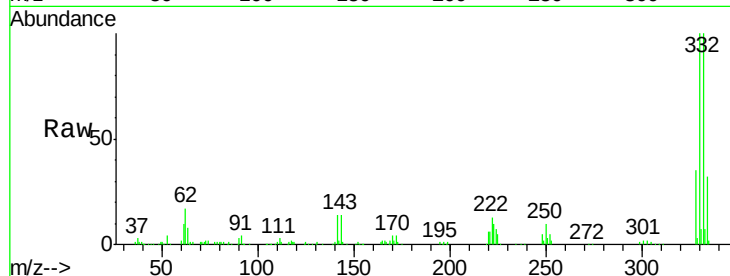




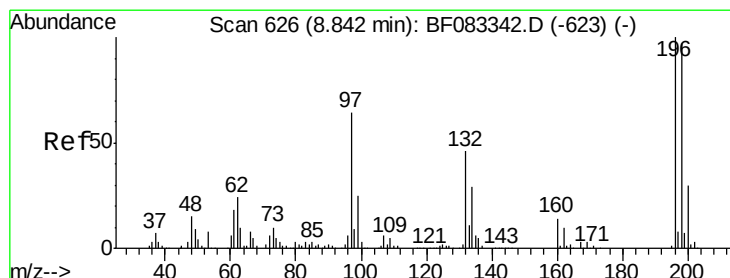
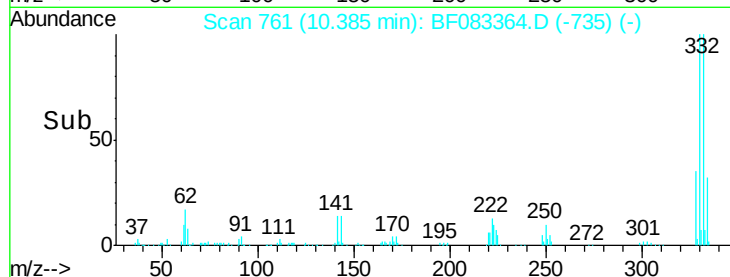
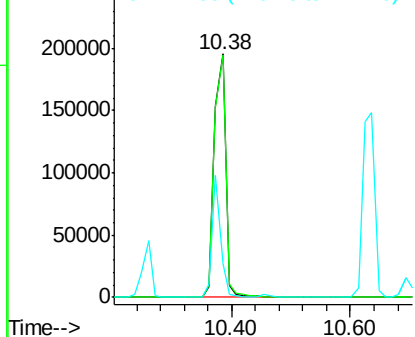
#41
 2,4,6-Tribromophenol
 Concen: 69.97 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

Tgt Ion:330 Resp: 261198
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.8 116.6
 141 37.1 29.4 44.0

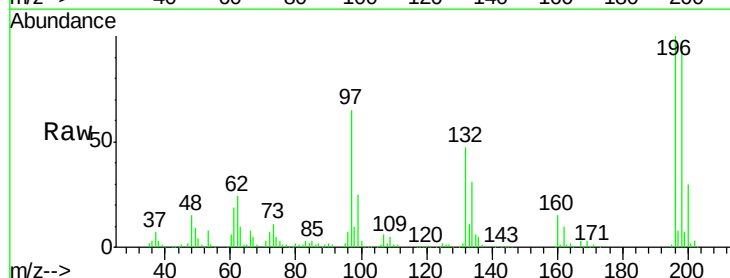


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

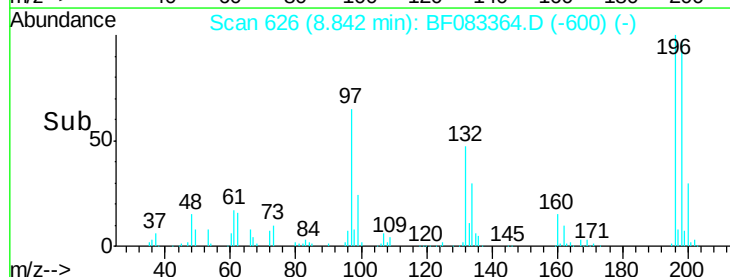
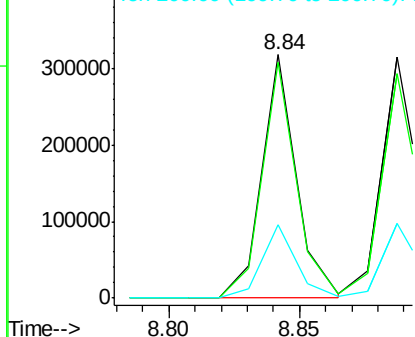


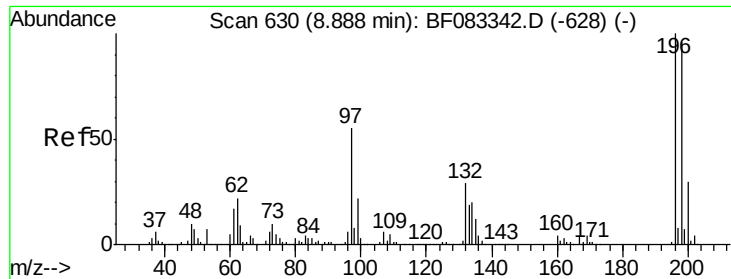
#42
 2,4,6-Trichlorophenol
 Concen: 35.58 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion:196 Resp: 294184
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.2 115.8
 200 30.3 24.2 36.4



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

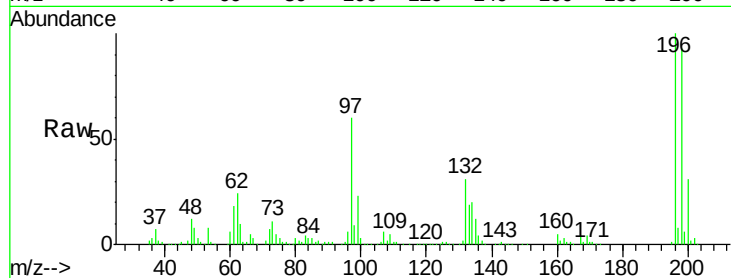




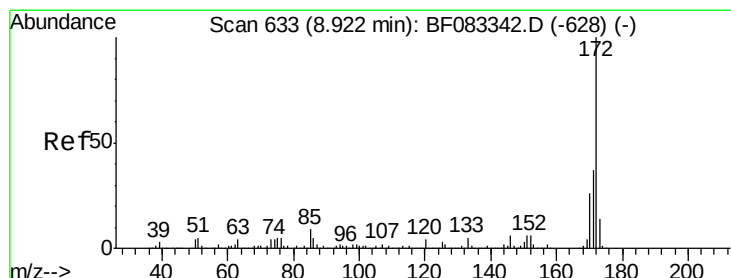
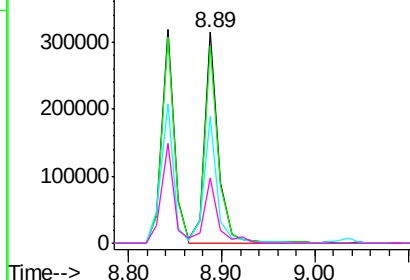
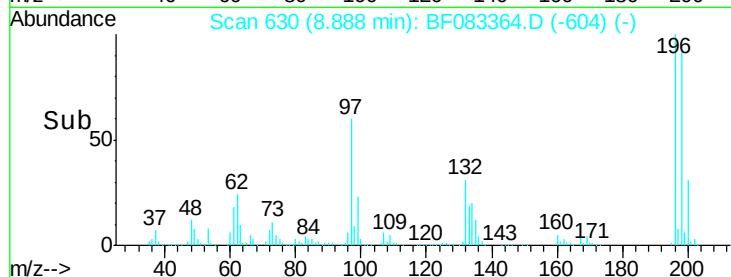
#43
 2,4,5-Trichlorophenol
 Concen: 37.27 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

Tgt Ion:196 Resp: 319279
 Ion Ratio Lower Upper
 196 100
 198 93.1 77.2 115.8
 97 60.3 44.4 66.6
 132 30.8 23.2 34.8

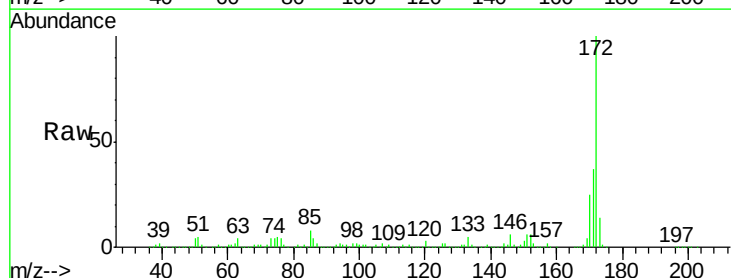


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

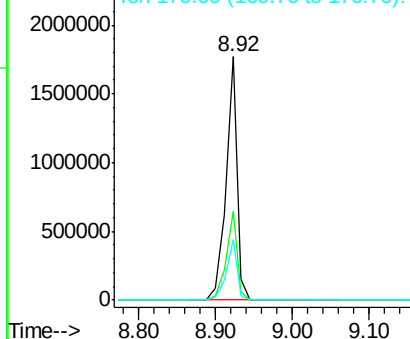
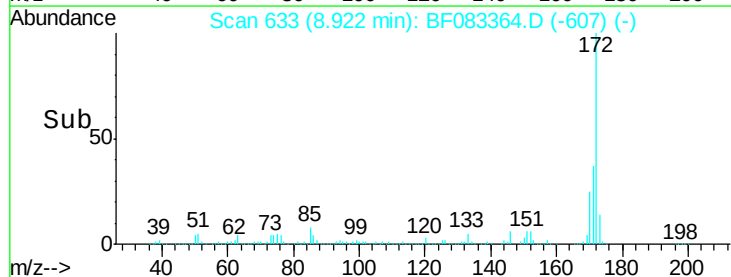


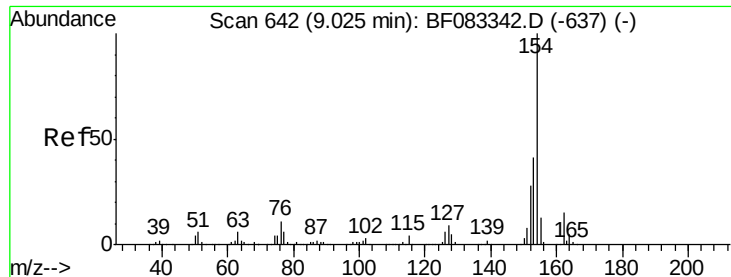
#44
 2-Fluorobiphenyl
 Concen: 69.67 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion:172 Resp: 1818097
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.0 20.4 30.6



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

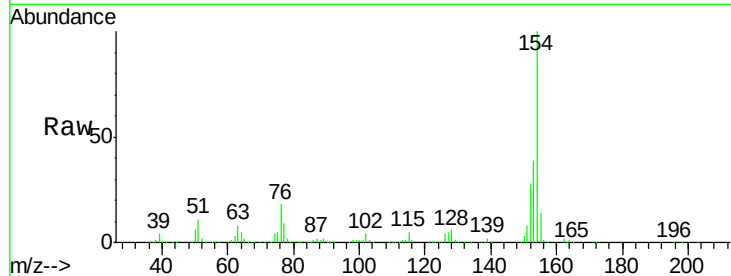




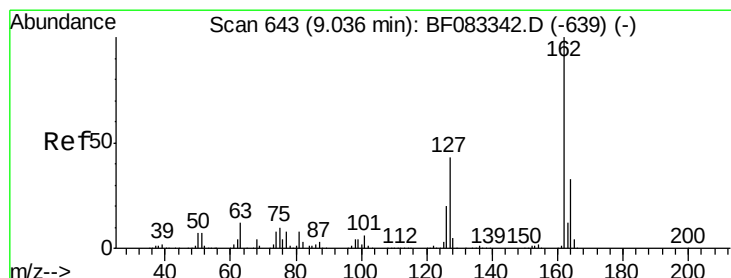
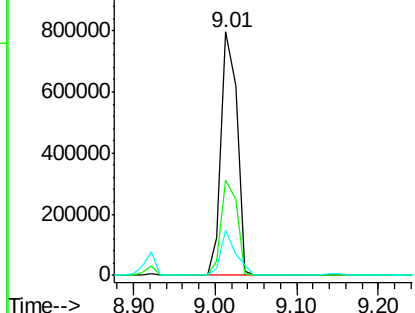
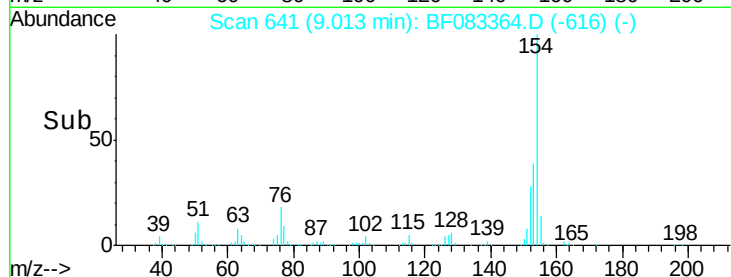
#45
 1,1'-Biphenyl
 Concen: 32.97 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

Tgt Ion:154 Resp: 1075128
 Ion Ratio Lower Upper
 154 100
 153 39.3 20.6 60.6
 76 18.4 0.0 30.5

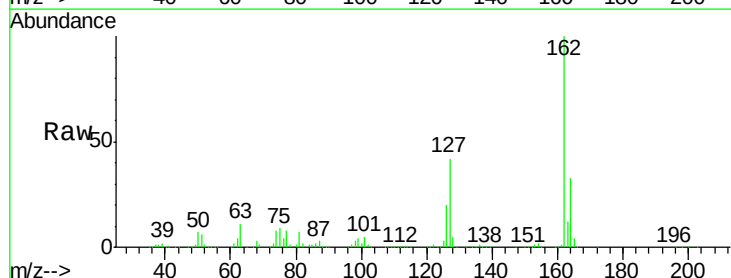


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

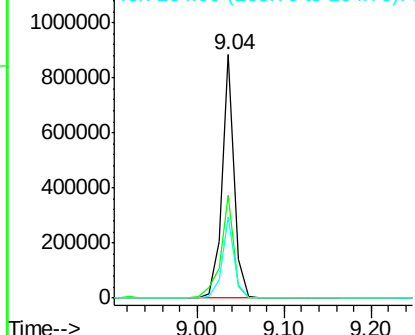
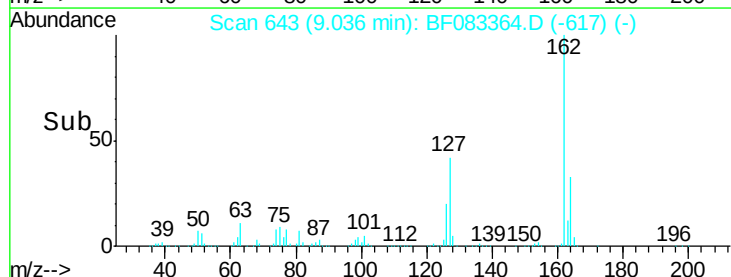


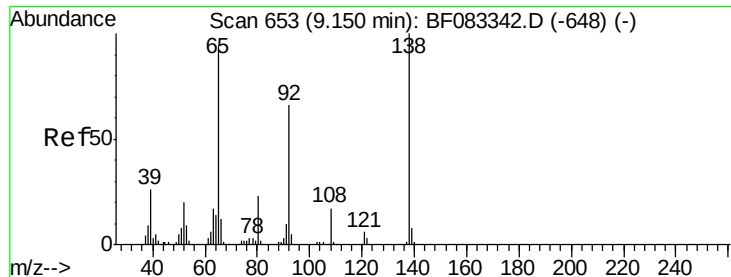
#46
 2-Chloronaphthalene
 Concen: 34.82 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion:162 Resp: 865282
 Ion Ratio Lower Upper
 162 100
 127 42.3 34.1 51.1
 164 33.4 26.6 39.8



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

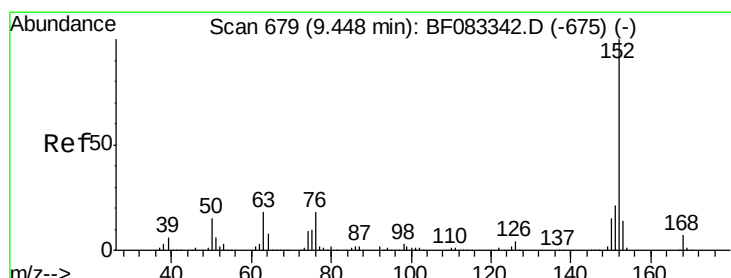
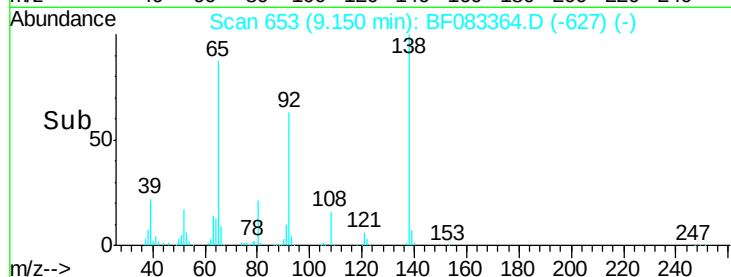
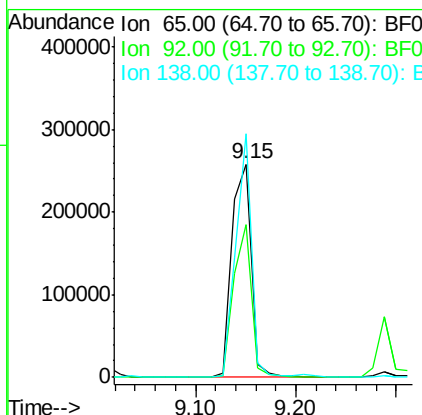
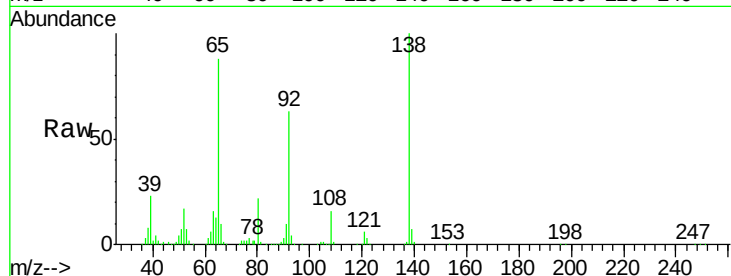




#47
2-Nitroaniline
Concen: 35.35 ng
RT: 9.15 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

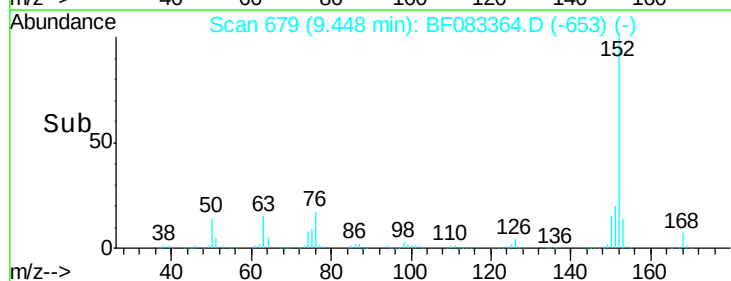
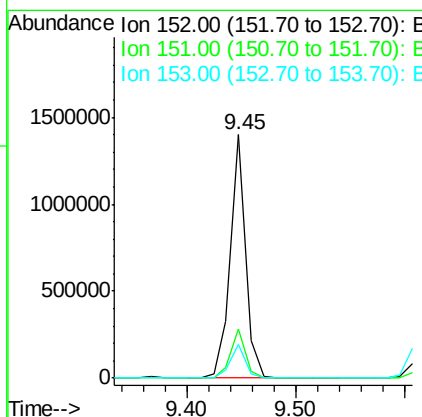
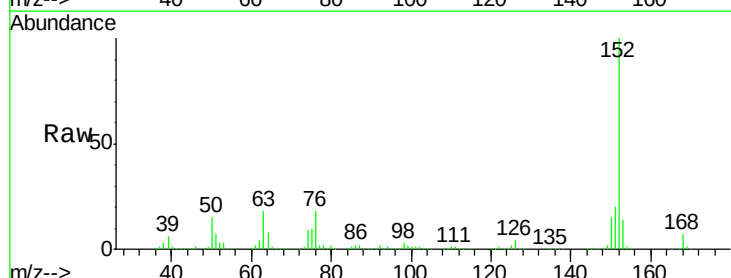
Instrument :
BNA_F
ClientSampleId :
PB86921BSD

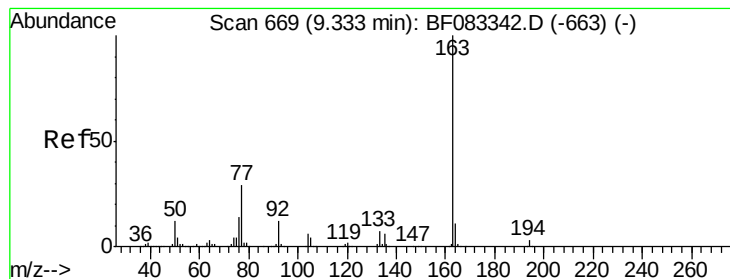
Tgt Ion: 65 Resp: 347913
Ion Ratio Lower Upper
65 100
92 71.8 56.2 84.4
138 114.0 85.4 128.0



#48
Acenaphthylene
Concen: 34.24 ng
RT: 9.45 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion: 152 Resp: 1357251
Ion Ratio Lower Upper
152 100
151 20.2 16.7 25.1
153 13.9 11.2 16.8





#49

Dimethylphthalate

Concen: 32.86 ng

RT: 9.33 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

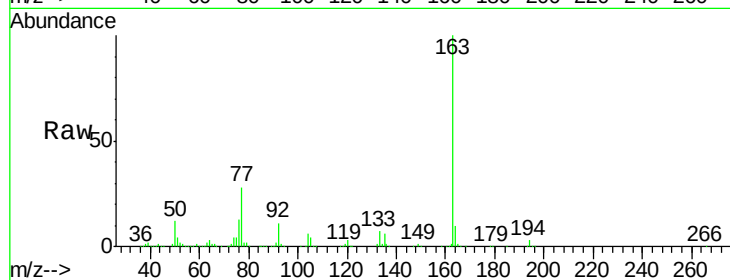
Tgt Ion:163 Resp: 993006

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

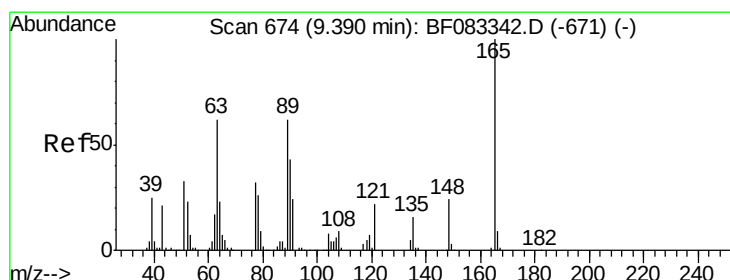
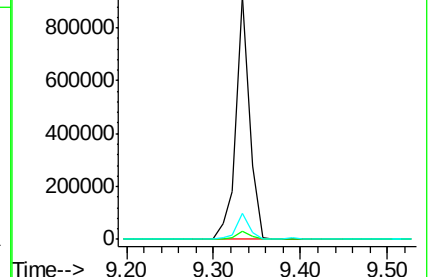
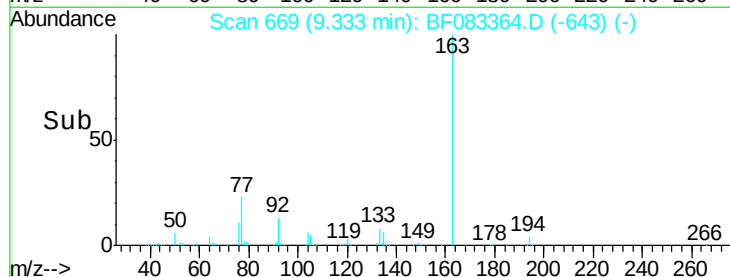
164 10.5 8.8 13.2



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: 36.88 ng

RT: 9.39 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

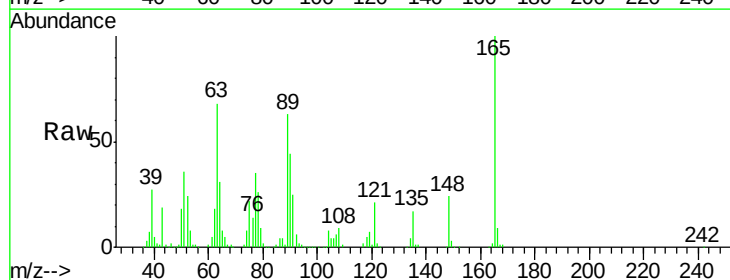
Tgt Ion:165 Resp: 238021

Ion Ratio Lower Upper

165 100

63 67.6 56.0 84.0

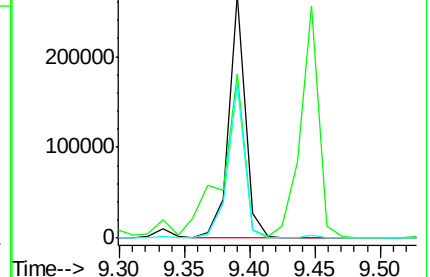
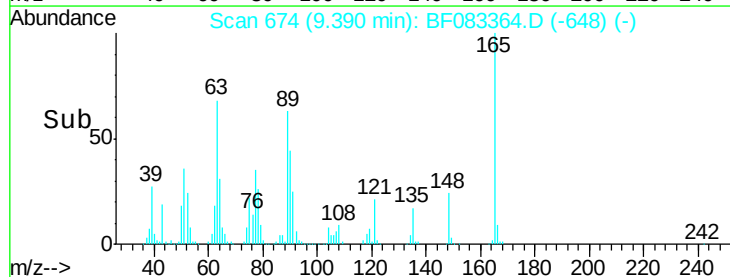
89 63.4 49.8 74.8

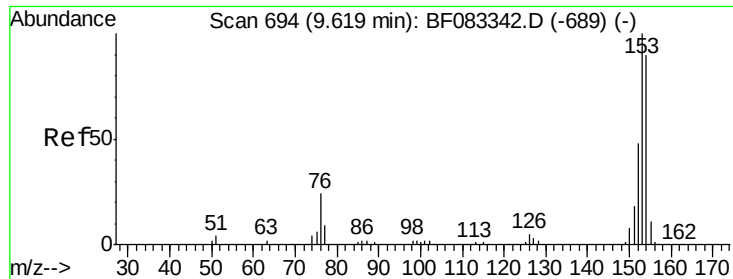


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.79 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

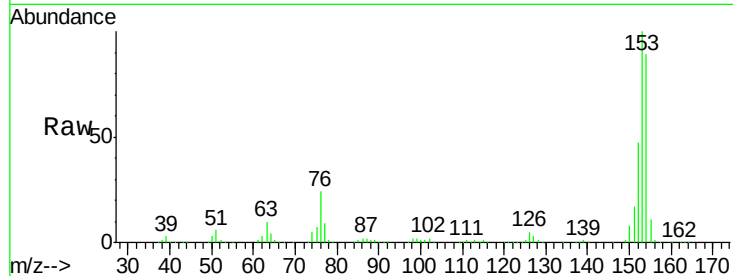
Tgt Ion:154 Resp: 787757

Ion Ratio Lower Upper

154 100

153 112.8 89.3 133.9

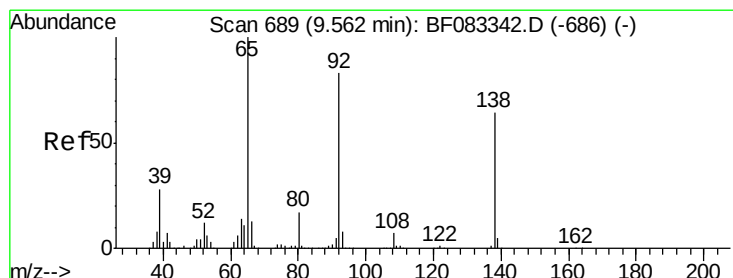
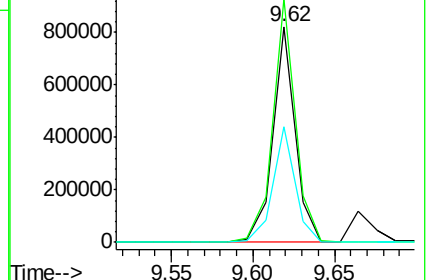
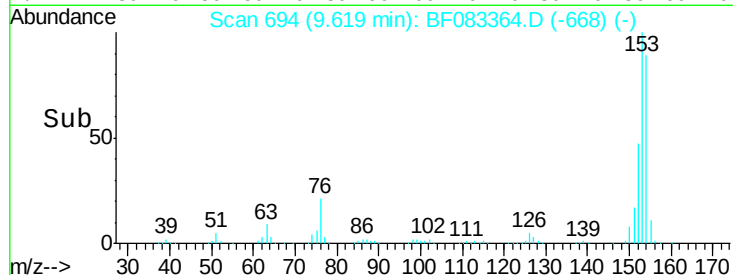
152 53.3 42.5 63.7



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: 17.05 ng

RT: 9.56 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

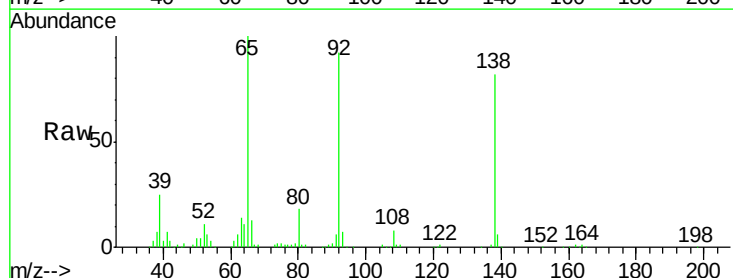
Tgt Ion:138 Resp: 128997

Ion Ratio Lower Upper

138 100

108 9.9 8.4 12.6

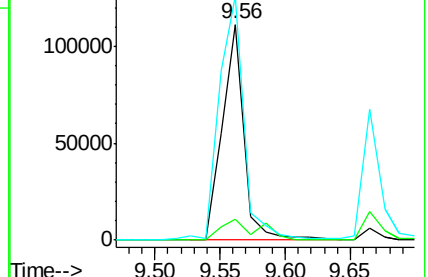
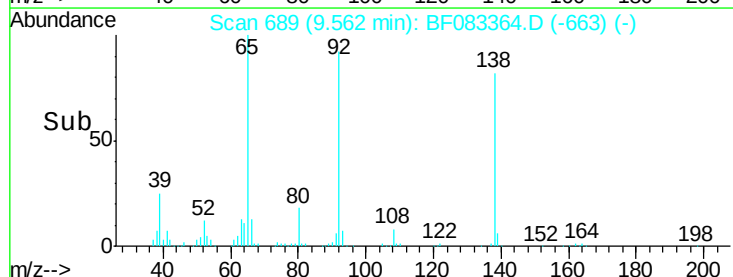
92 112.7 104.2 156.4

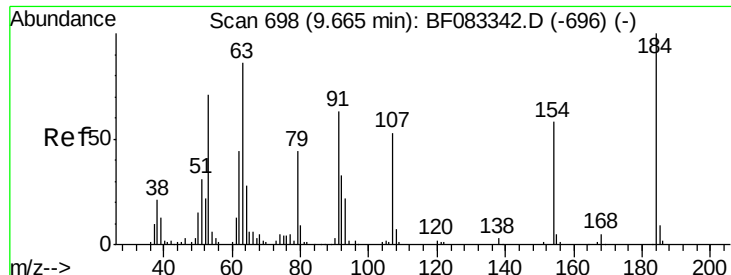


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

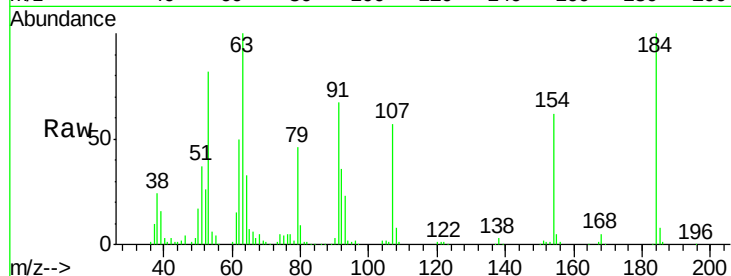




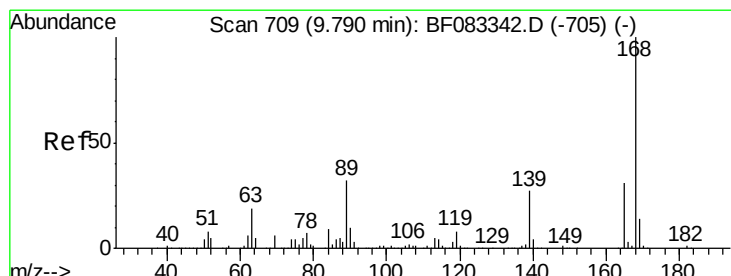
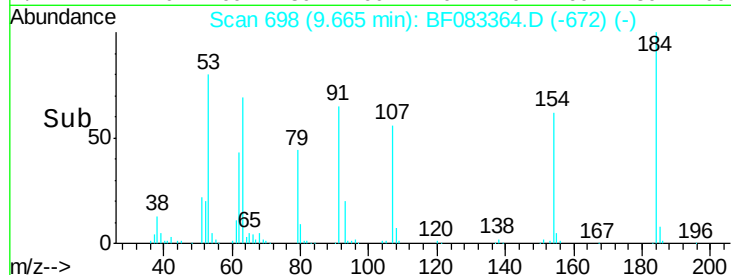
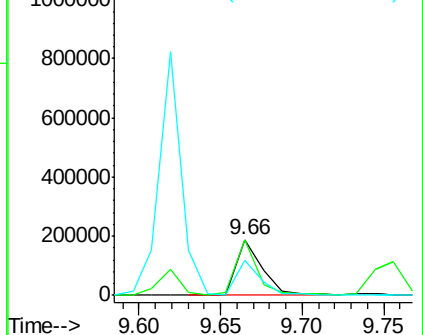
#53
2,4-Dinitrophenol
Concen: 55.62 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Instrument :
BNA_F
ClientSampleId :
PB86921BSD

Tgt Ion:184 Resp: 207714
Ion Ratio Lower Upper
184 100
63 99.9 69.0 103.6
154 62.2 50.0 75.0

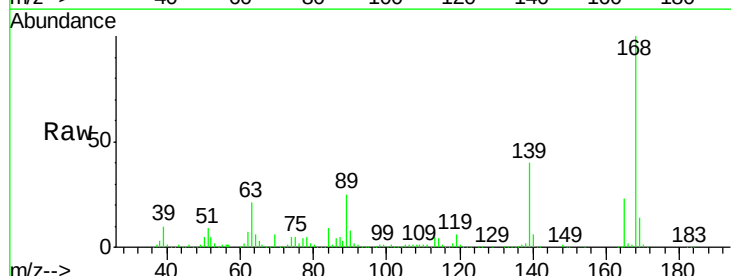


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

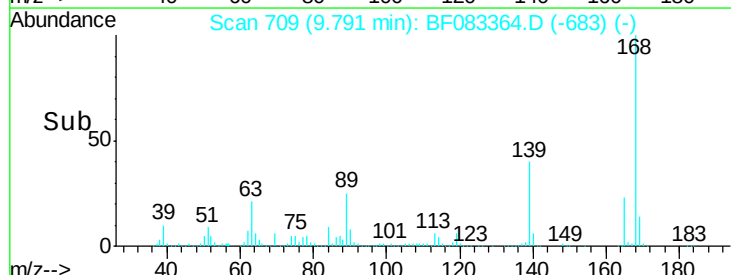
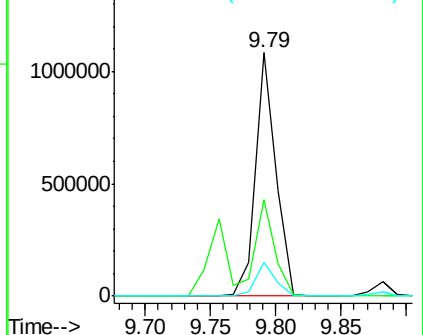


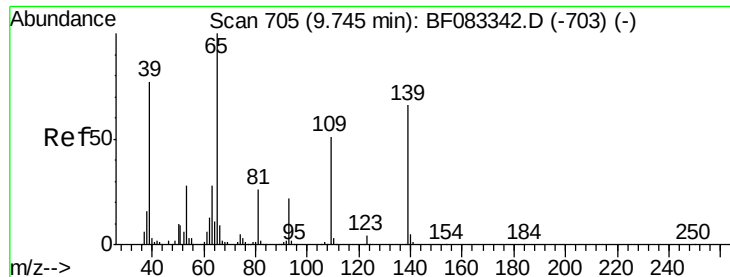
#54
Dibenzofuran
Concen: 34.51 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion:168 Resp: 1179095
Ion Ratio Lower Upper
168 100
139 39.8 32.7 49.1
169 14.0 11.1 16.7



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: 73.77 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

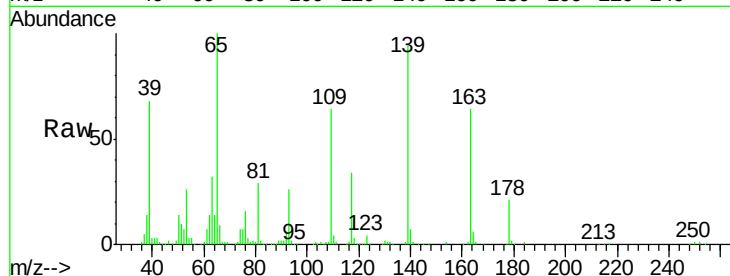
Tgt Ion:139 Resp: 349080

Ion Ratio Lower Upper

139 100

109 68.2 57.4 97.4

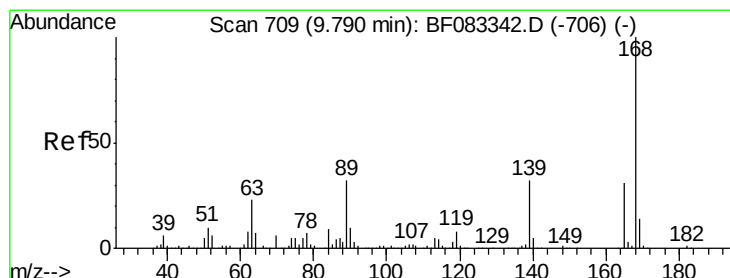
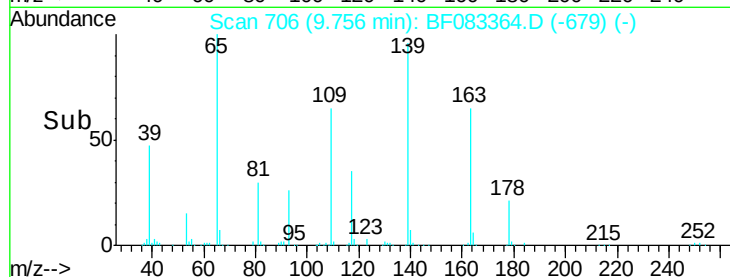
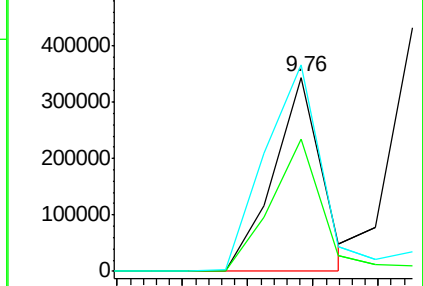
65 106.2 131.6 171.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.31 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Tgt Ion:165 Resp: 280990

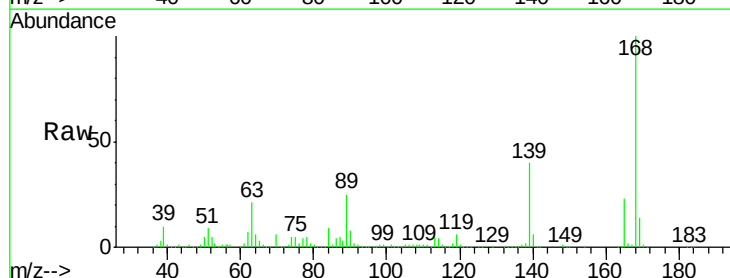
Ion Ratio Lower Upper

165 100

63 94.1 65.4 98.0

89 109.0 81.2 121.8

182 2.1 1.8 2.8

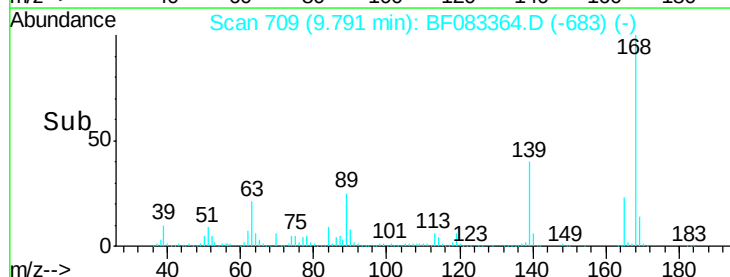
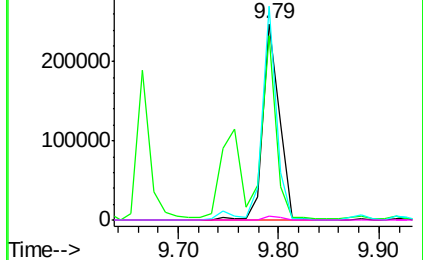


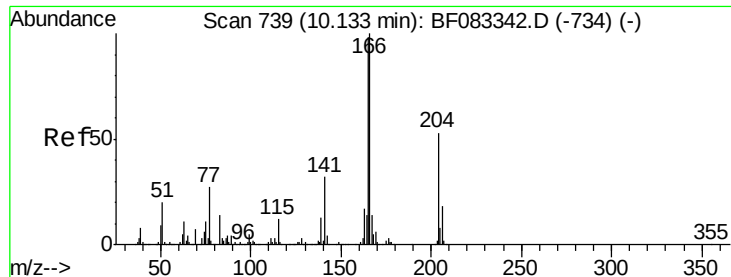
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

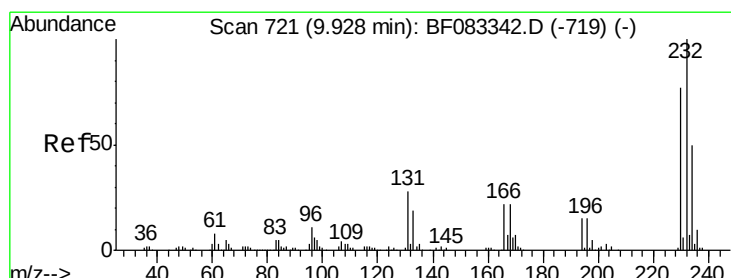
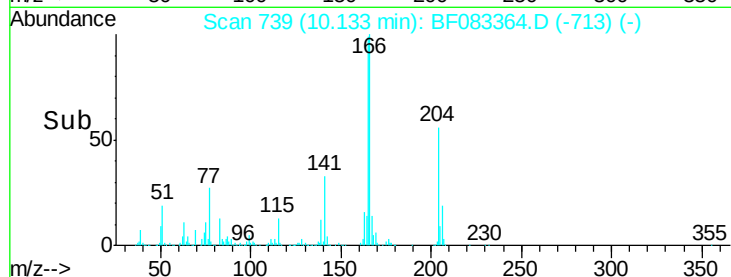
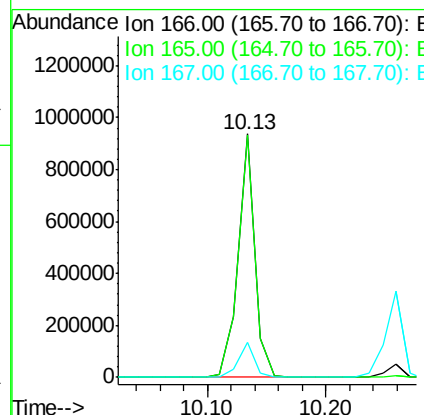
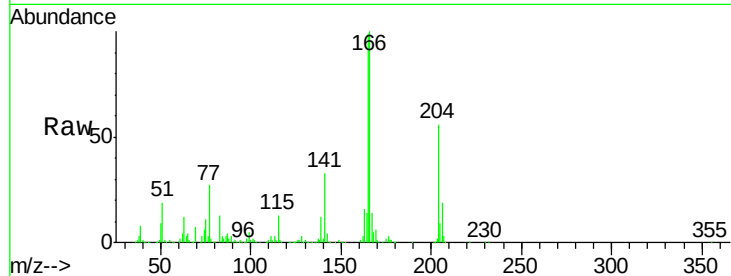




#57
 Fluorene
 Concen: 34.15 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

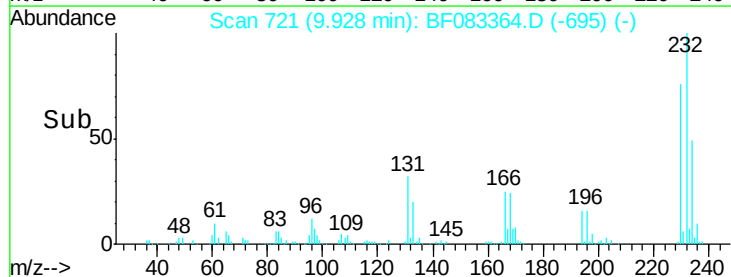
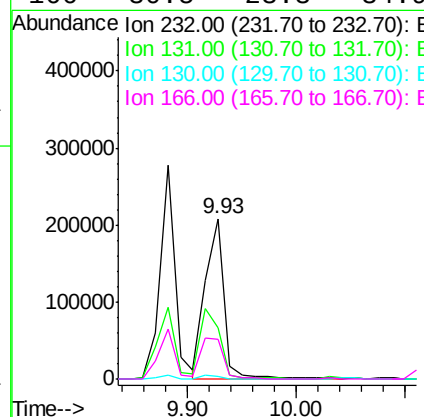
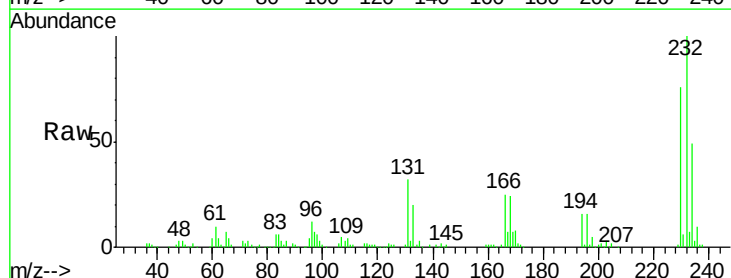
Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

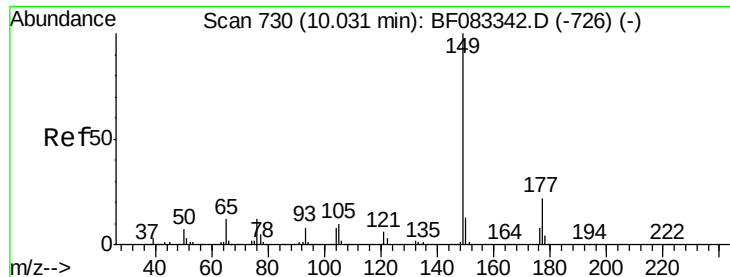
Tgt Ion:166 Resp: 921323
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.3 117.5
 167 14.1 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.48 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion:232 Resp: 252184
 Ion Ratio Lower Upper
 232 100
 131 45.7 35.4 53.2
 130 2.1 1.7 2.5
 166 30.5 23.3 34.9

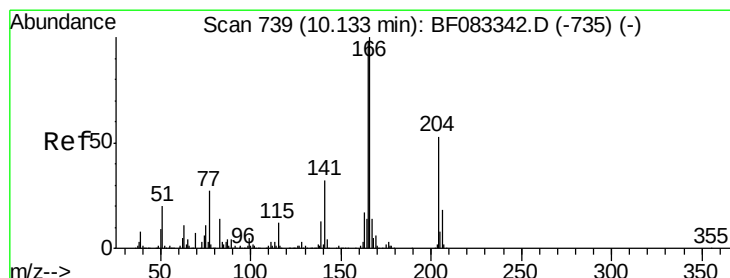
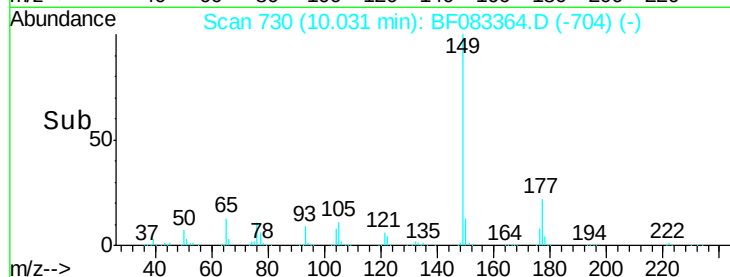
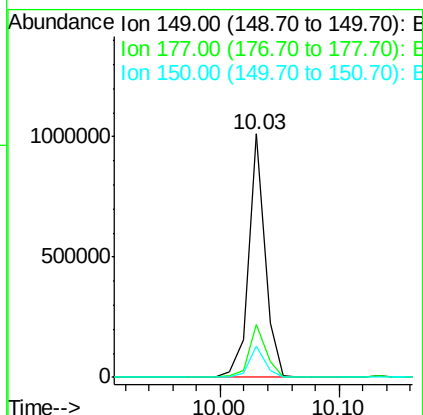
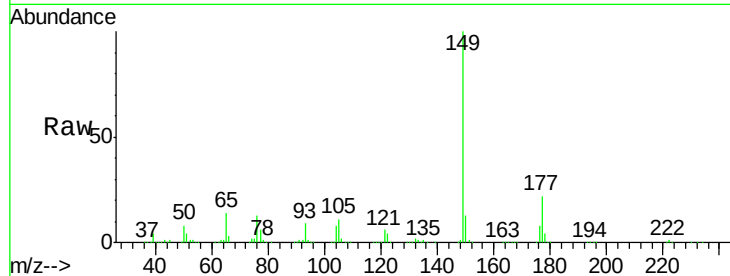




#59
Diethylphthalate
Concen: 33.85 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

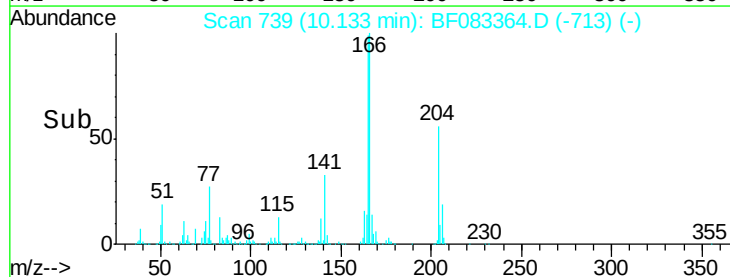
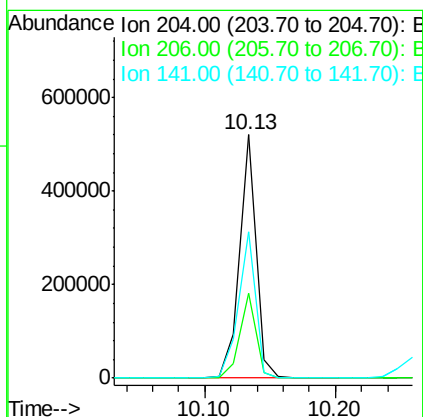
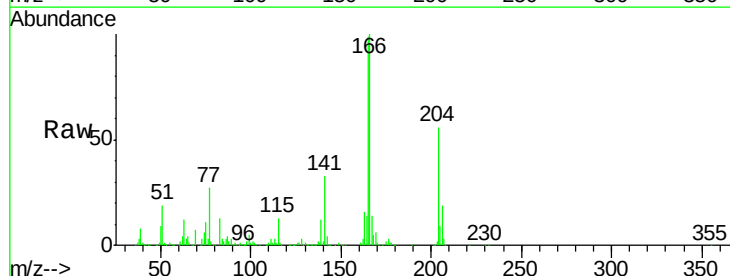
Instrument :
BNA_F
ClientSampleId :
PB86921BSD

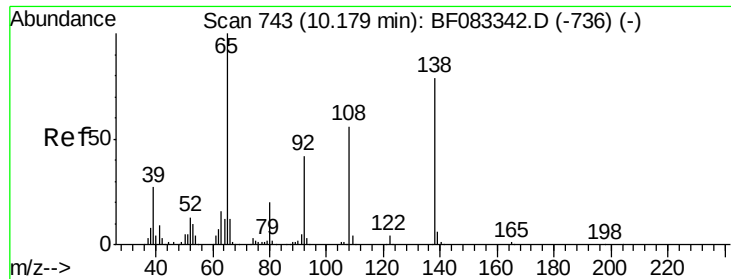
Tgt Ion:149 Resp: 975214
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 13.0 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 36.60 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion:204 Resp: 453725
Ion Ratio Lower Upper
204 100
206 34.6 27.5 41.3
141 60.2 48.1 72.1

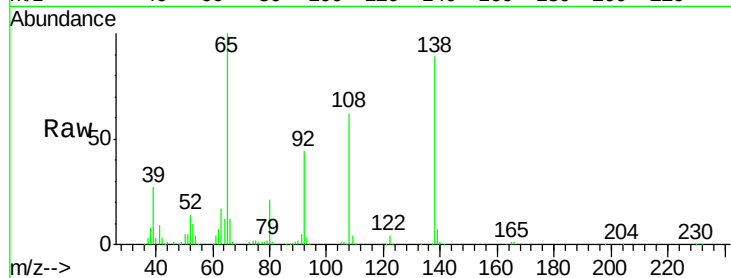




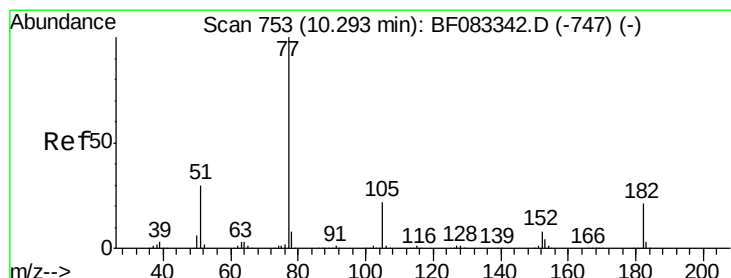
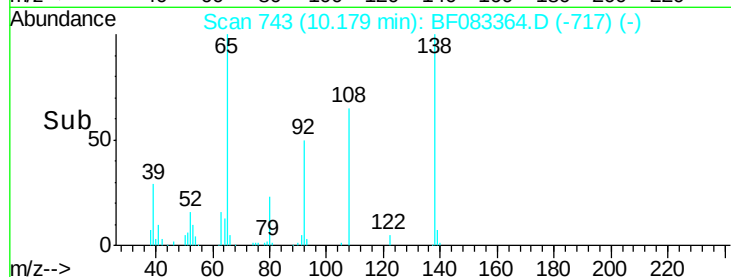
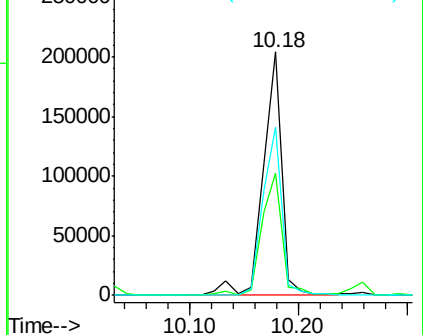
#61
4-Nitroaniline
Concen: 32.51 ng
RT: 10.18 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Instrument :
BNA_F
ClientSampleId :
PB86921BSD

Tgt Ion: 138 Resp: 246050
Ion Ratio Lower Upper
138 100
92 49.9 33.6 73.6
108 69.3 51.0 91.0

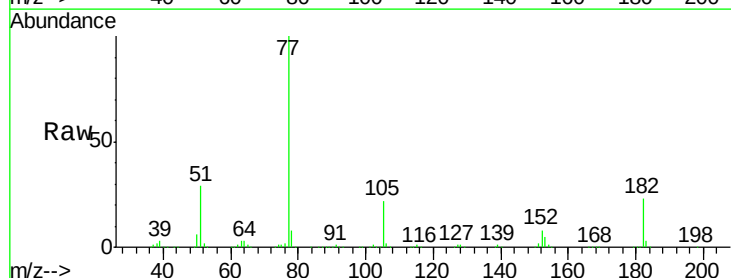


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

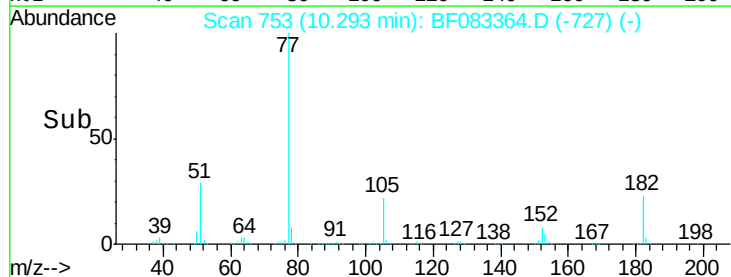
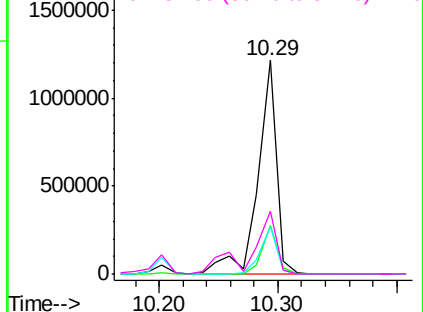


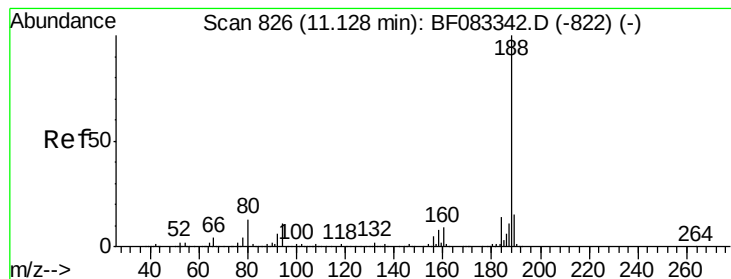
#62
Azobenzene
Concen: 38.26 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion: 77 Resp: 1331353
Ion Ratio Lower Upper
77 100
182 22.6 0.8 40.8
105 22.4 2.3 42.3
51 29.5 10.6 50.6



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

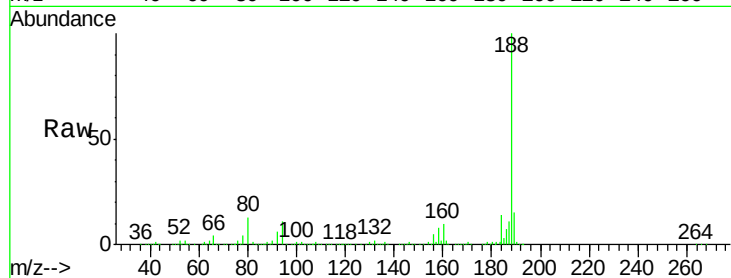
Tgt Ion:188 Resp: 683341

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

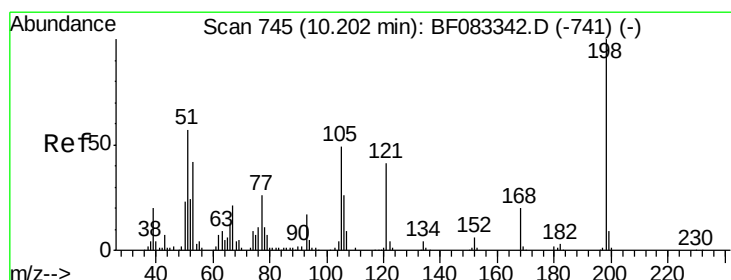
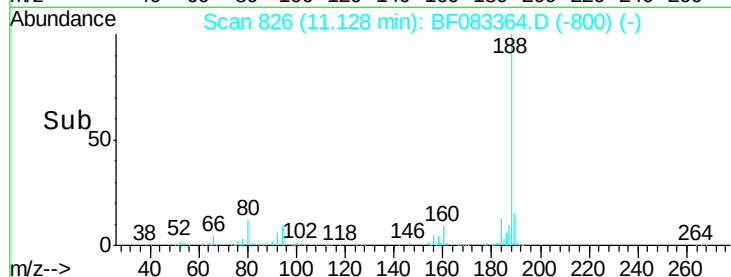
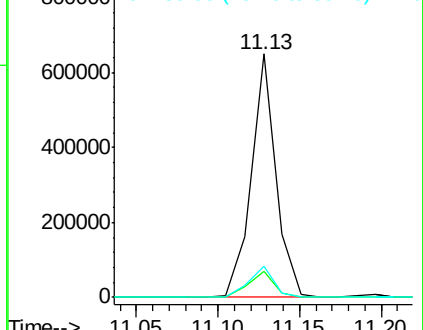
80 12.7 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.48 ng

RT: 10.20 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

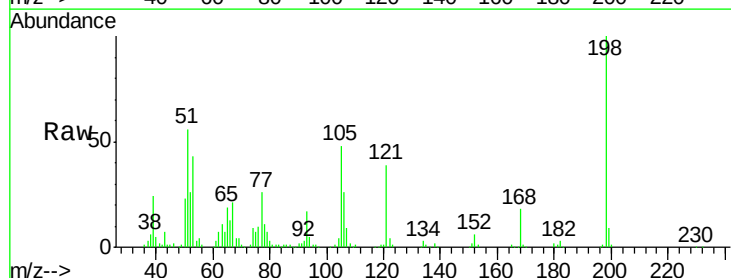
Tgt Ion:198 Resp: 171983

Ion Ratio Lower Upper

198 100

51 56.2 38.3 78.3

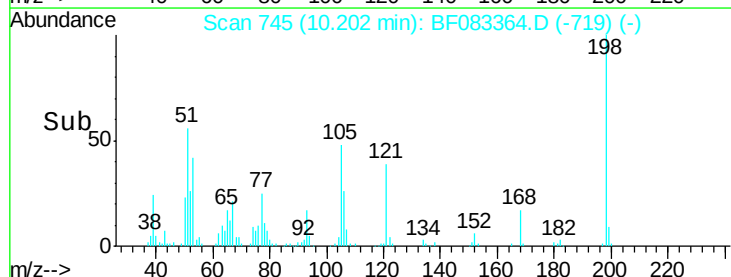
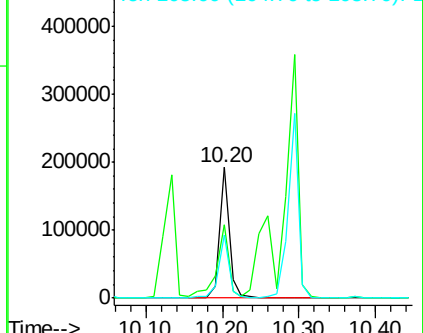
105 48.2 29.2 69.2

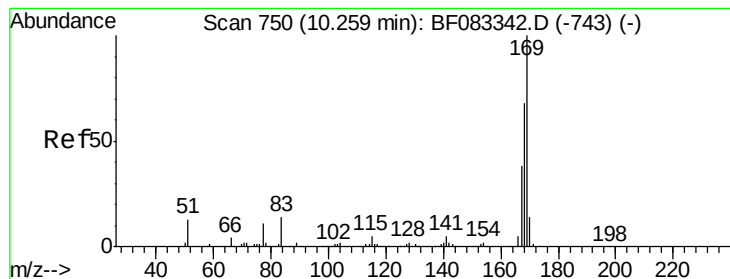


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.49 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

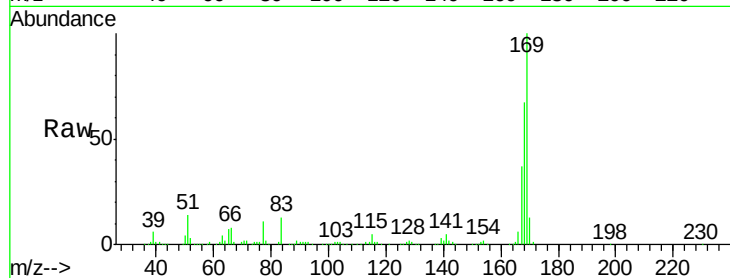
Tgt Ion:169 Resp: 900285

Ion Ratio Lower Upper

169 100

168 67.0 54.8 82.2

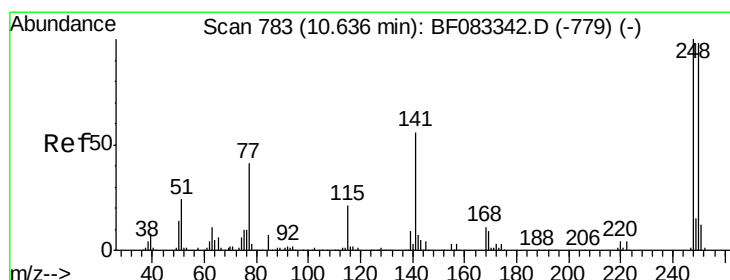
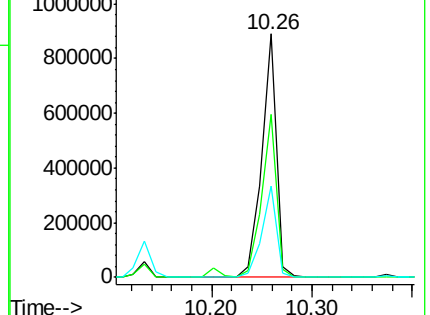
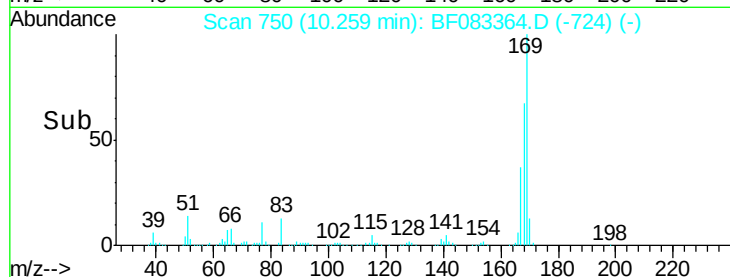
167 37.3 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.80 ng

RT: 10.64 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

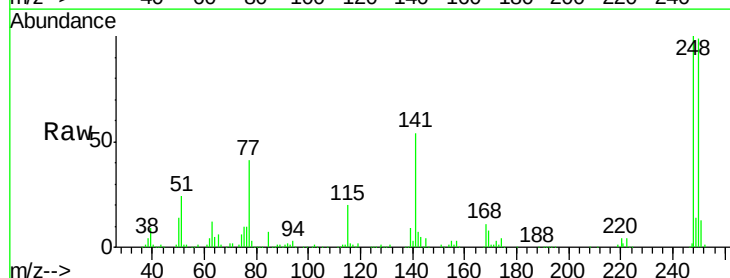
Tgt Ion:248 Resp: 290038

Ion Ratio Lower Upper

248 100

250 99.1 78.6 118.0

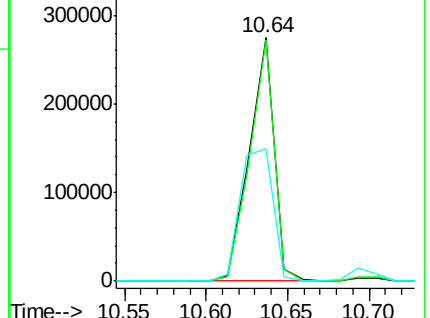
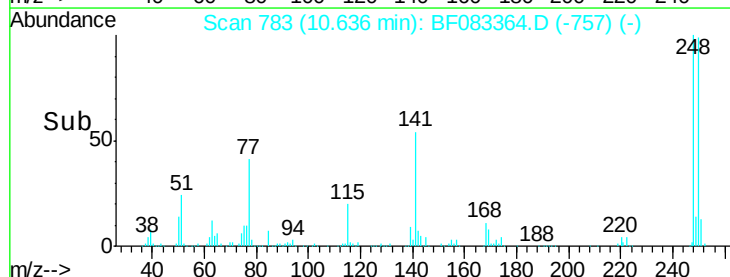
141 54.1 44.4 66.6

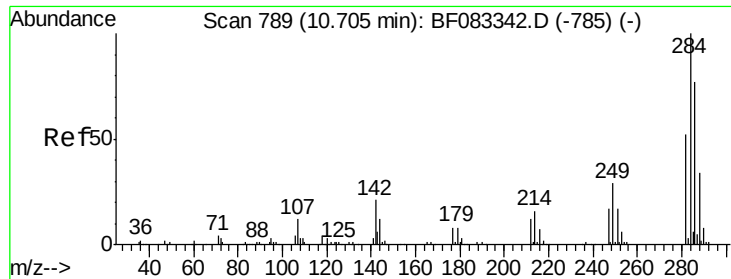


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

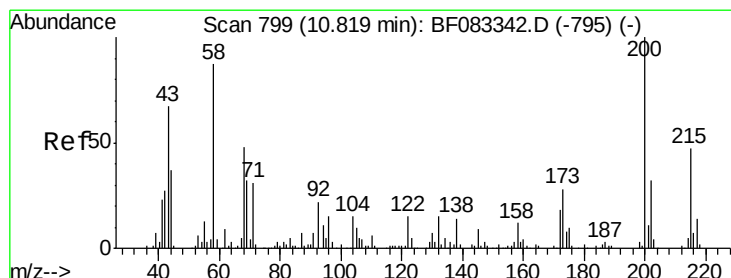
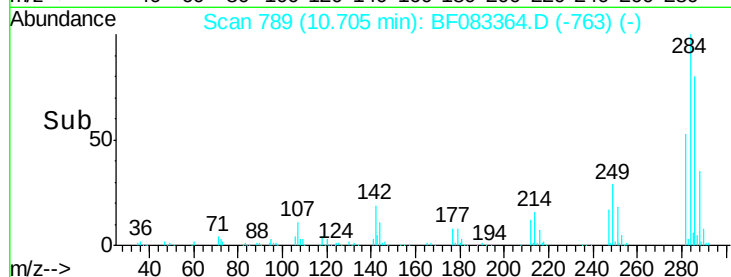
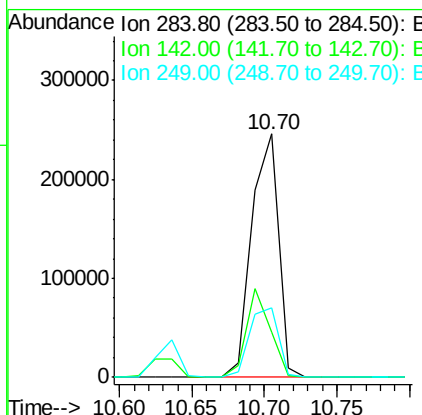
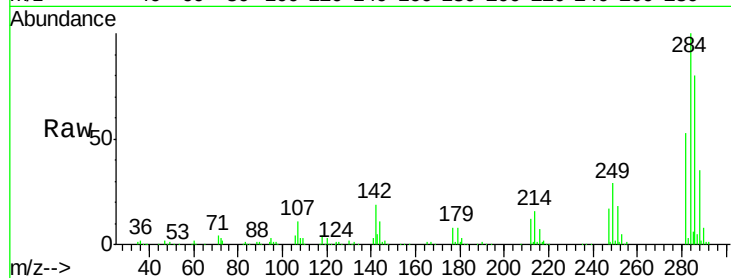




#67
Hexachlorobenzene
Concen: 38.24 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

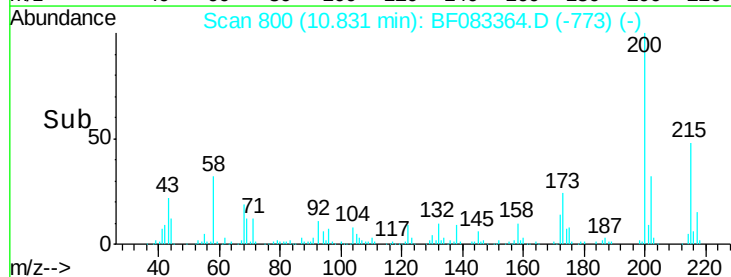
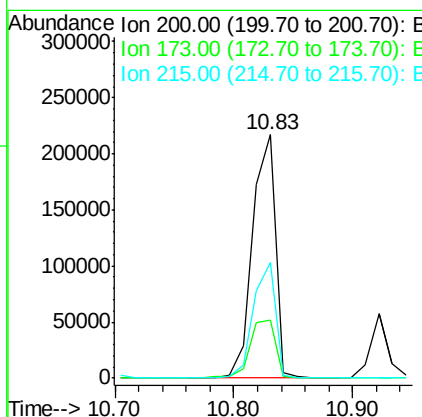
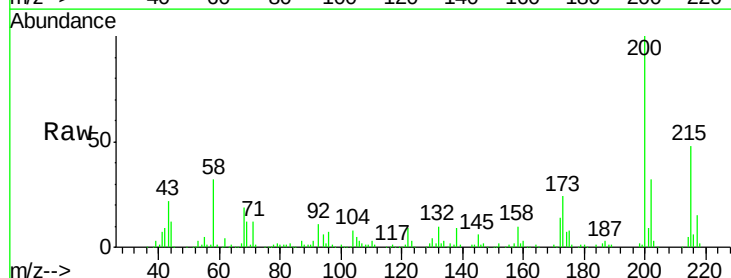
Instrument :
BNA_F
ClientSampleId :
PB86921BSD

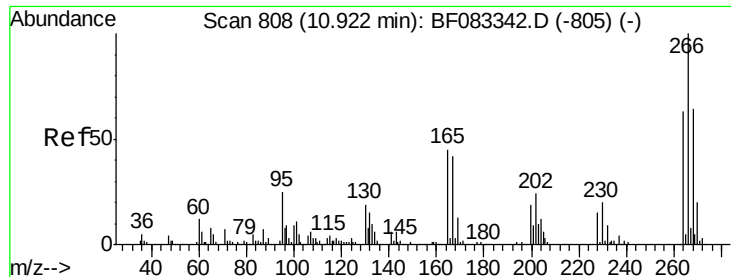
Tgt Ion:284 Resp: 316081
Ion Ratio Lower Upper
284 100
142 18.5 16.6 24.8
249 28.6 23.0 34.4



#68
Atrazine
Concen: 44.32 ng
RT: 10.83 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion:200 Resp: 294375
Ion Ratio Lower Upper
200 100
173 23.6 8.3 48.3
215 47.6 26.7 66.7

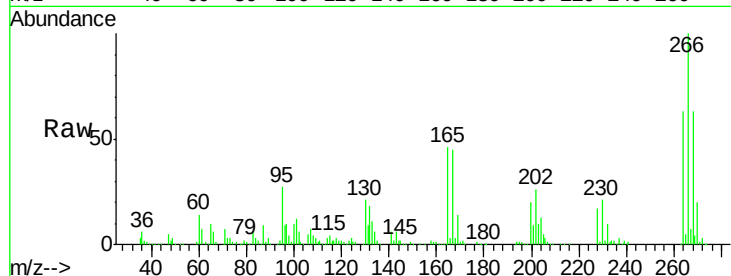




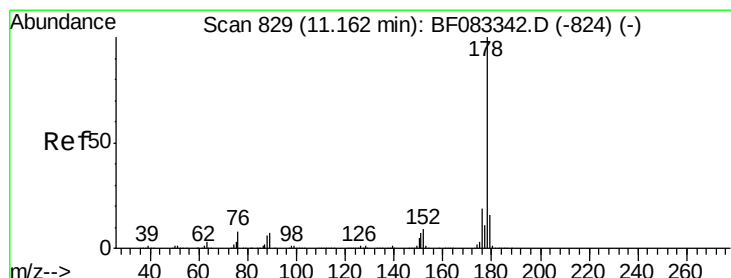
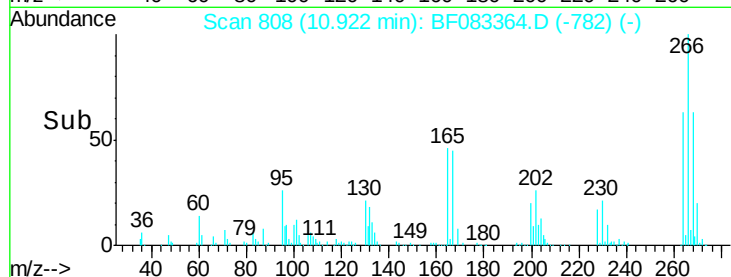
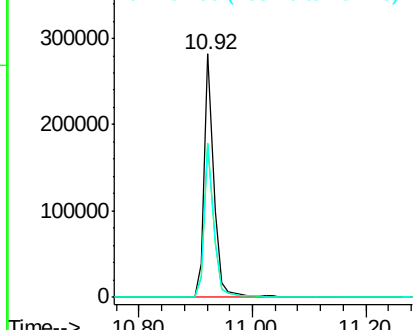
#69
 Pentachlorophenol
 Concen: 74.38 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

Tgt Ion: 266 Resp: 322038
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 63.0 50.4 75.6

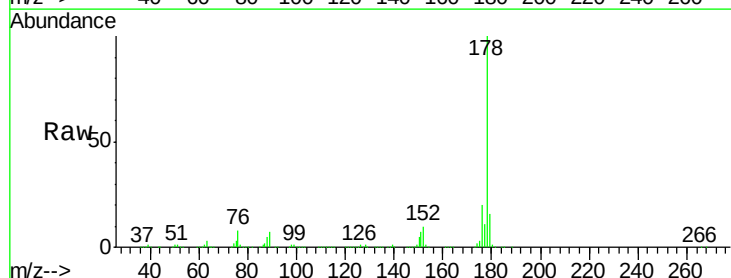


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

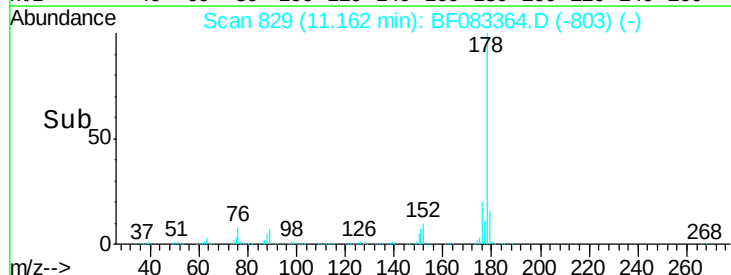
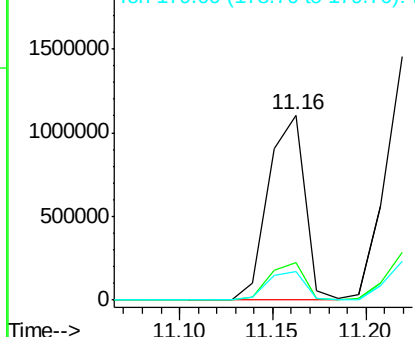


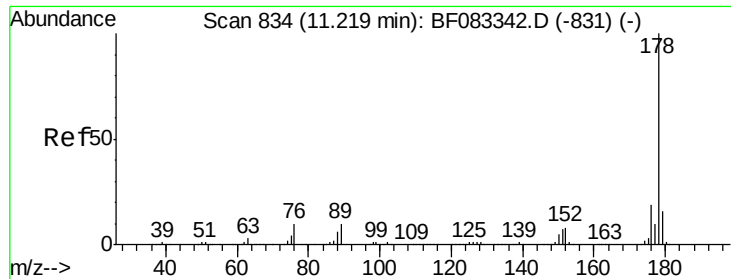
#70
 Phenanthrene
 Concen: 36.91 ng
 RT: 11.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion: 178 Resp: 1492476
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.3 22.9
 179 15.6 12.4 18.6



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

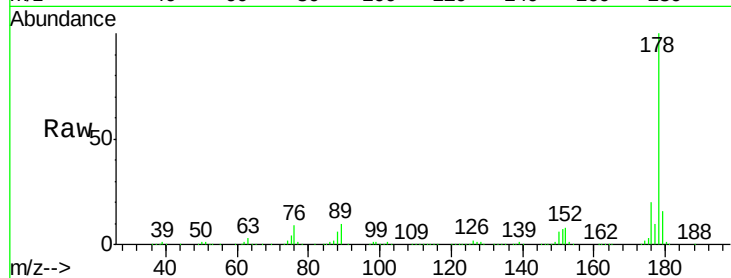




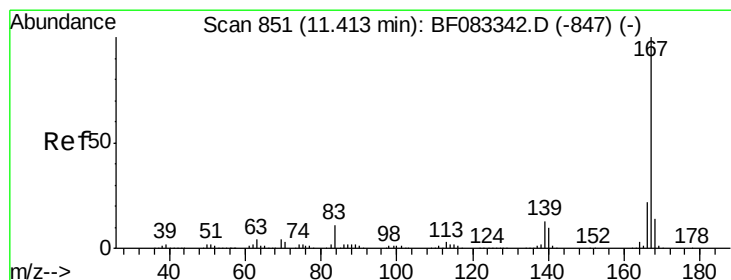
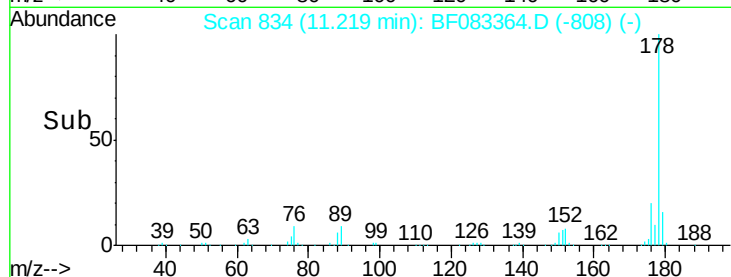
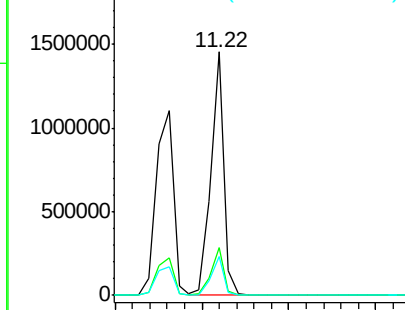
#71
 Anthracene
 Concen: 37.50 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

Tgt Ion:178 Resp: 1526698
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.9 12.8 19.2

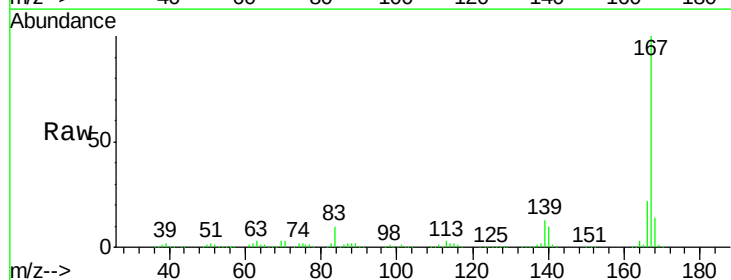


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

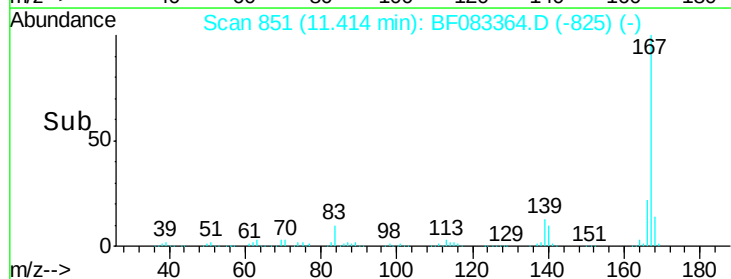
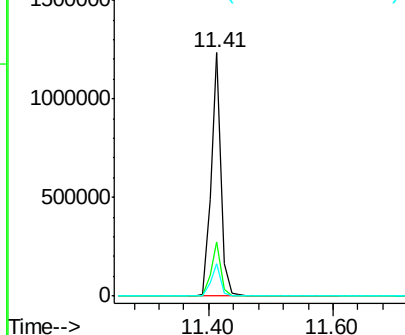


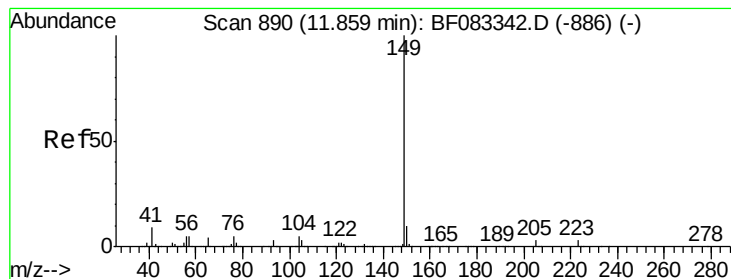
#72
 Carbazole
 Concen: 36.36 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion:167 Resp: 1329907
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.1 10.5 15.7



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: 37.99 ng

RT: 11.86 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

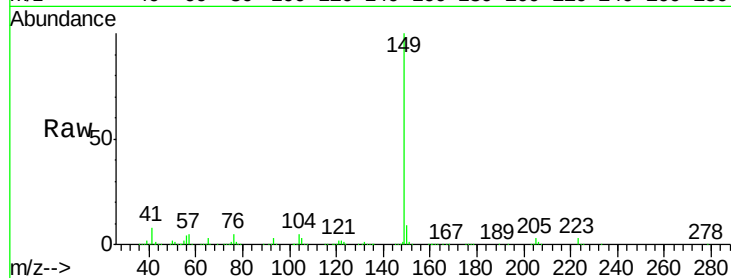
Tgt Ion:149 Resp: 1646640

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

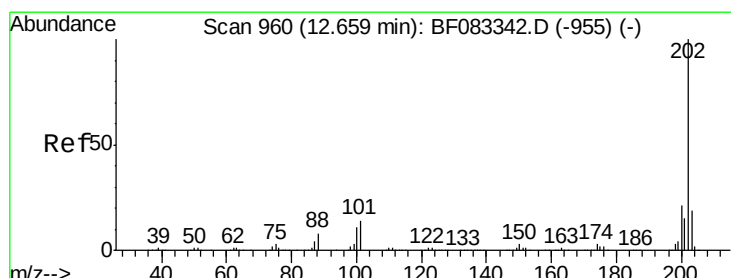
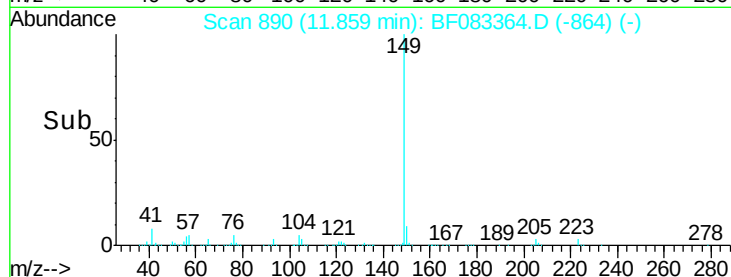
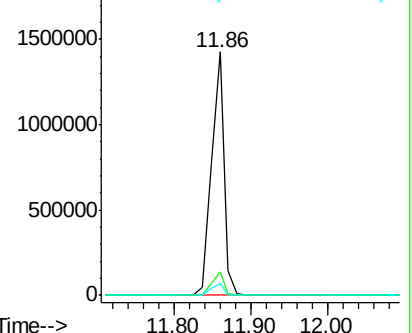
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.95 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

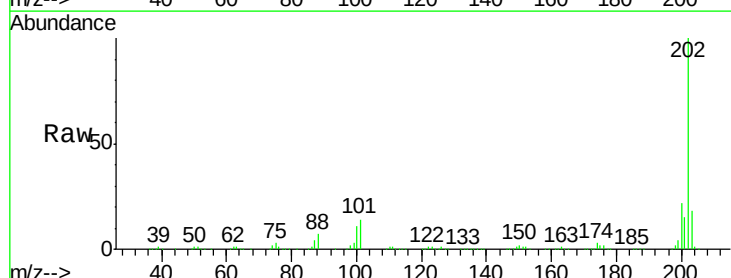
Tgt Ion:202 Resp: 1464900

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.5

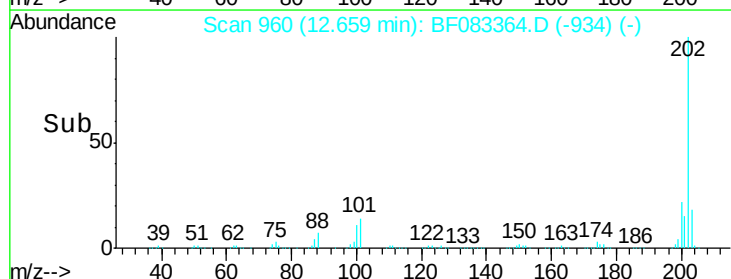
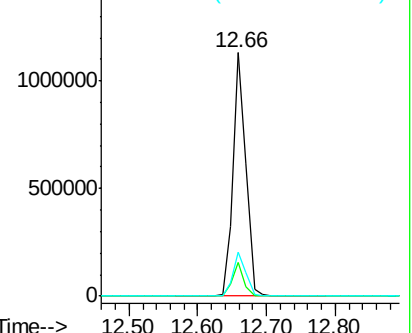
203 18.2 0.0 38.7

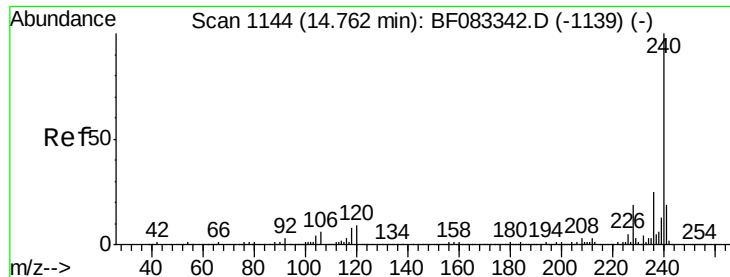


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

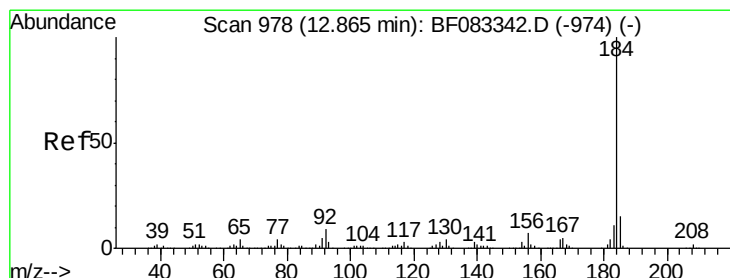
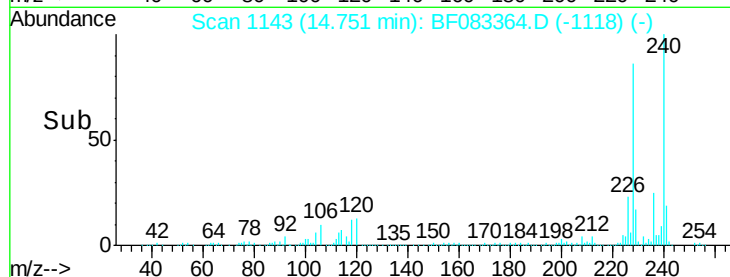
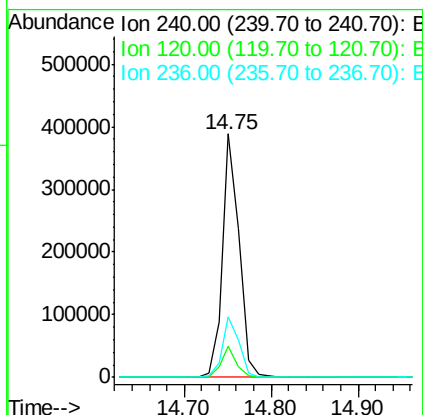
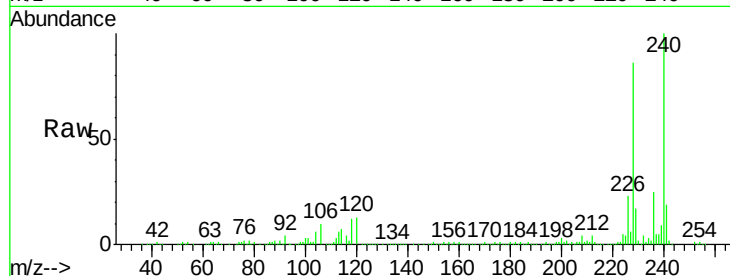




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

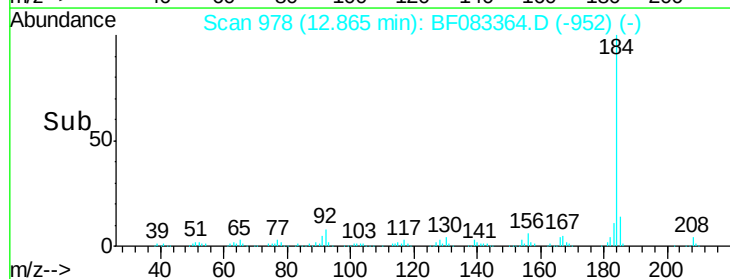
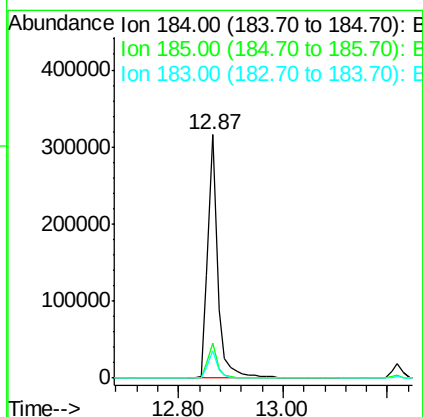
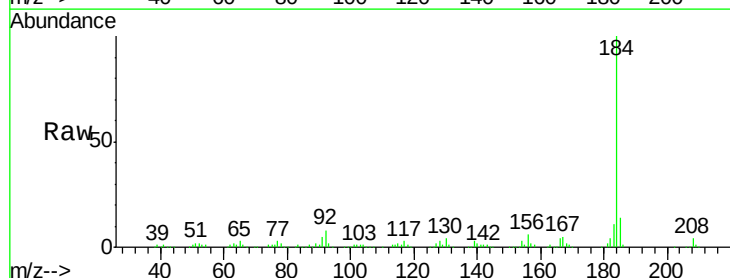
Instrument :
BNA_F
ClientSampleId :
PB86921BSD

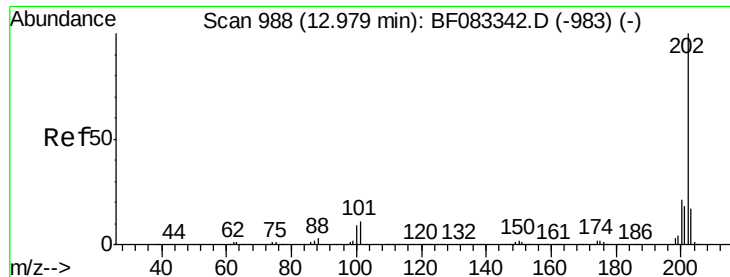
Tgt Ion:240 Resp: 519596
Ion Ratio Lower Upper
240 100
120 12.8 6.9 10.3#
236 25.1 19.8 29.6



#76
Benzidine
Concen: 27.39 ng
RT: 12.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion:184 Resp: 423879
Ion Ratio Lower Upper
184 100
185 14.3 12.4 18.6
183 11.0 9.0 13.4

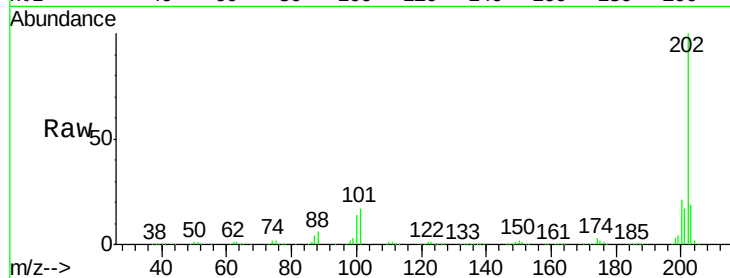




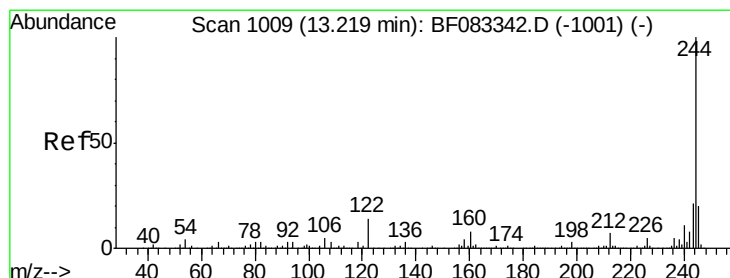
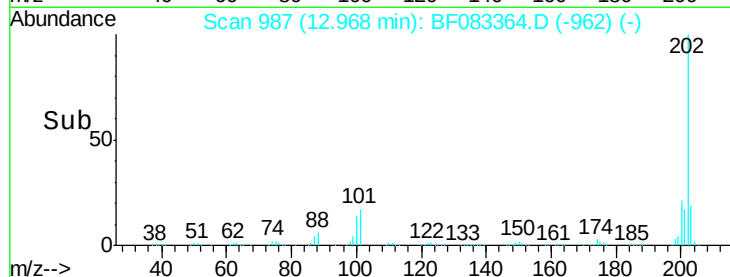
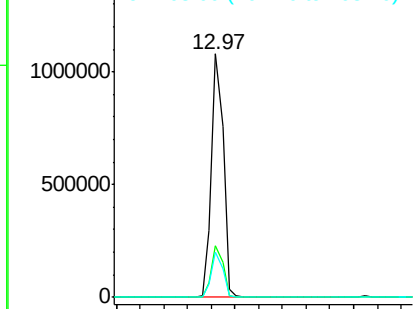
#77
Pyrene
 Concen: 41.65 ng
 RT: 12.97 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Instrument :
 BNA_F
 ClientSampled :
 PB86921BSD

Tgt Ion:202 Resp: 1511309
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.9 25.3
 203 18.7 13.9 20.9

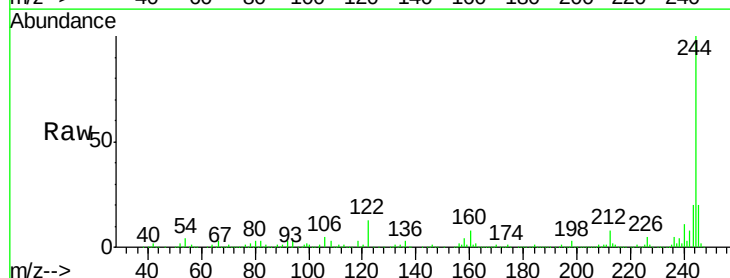


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

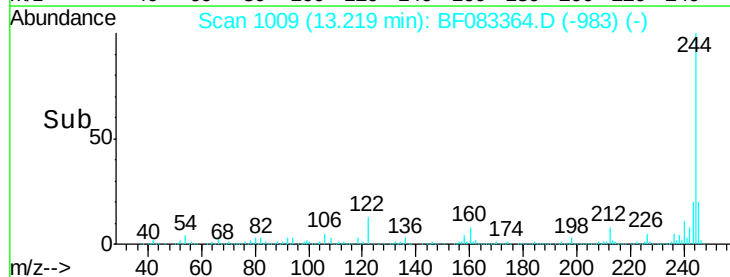
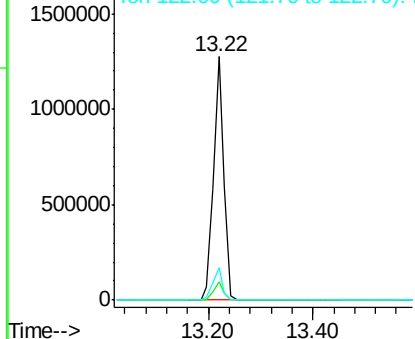


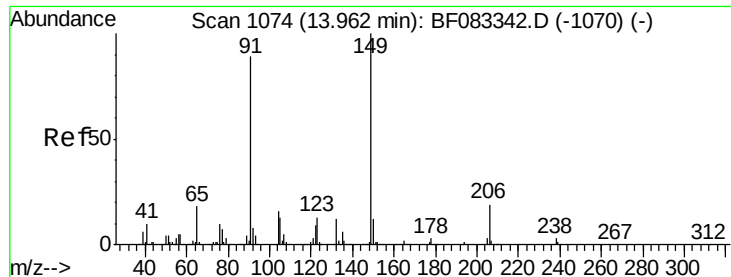
#78
Terphenyl-d14
 Concen: 80.40 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion:244 Resp: 1751644
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 13.5 11.0 16.4



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

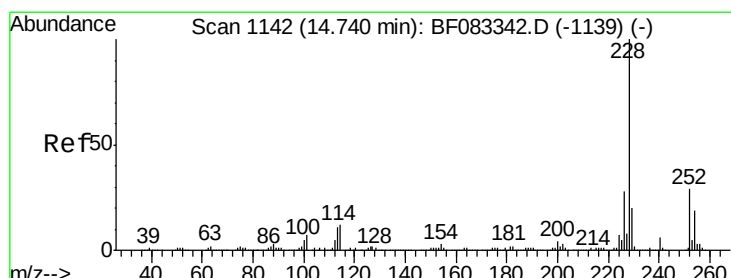
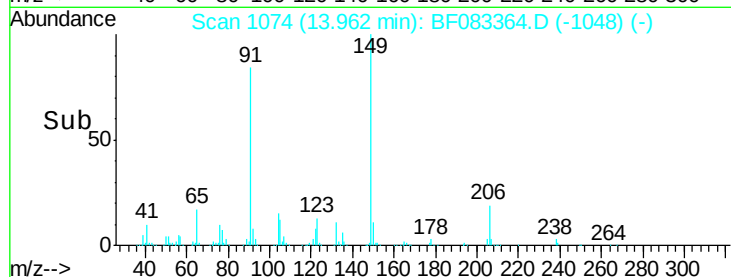
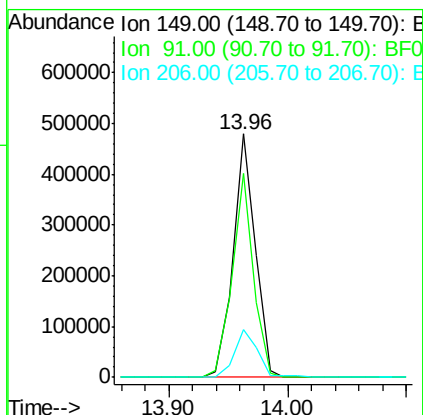
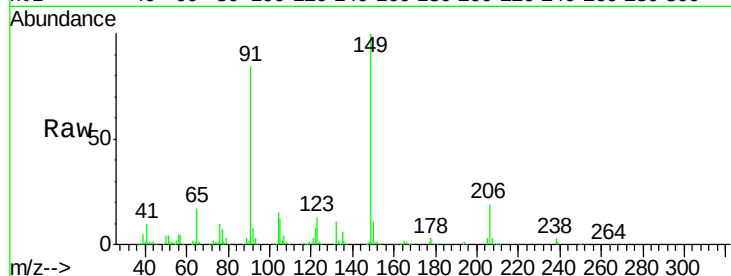




#79
Butylbenzylphthalate
Concen: 40.17 ng
RT: 13.96 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

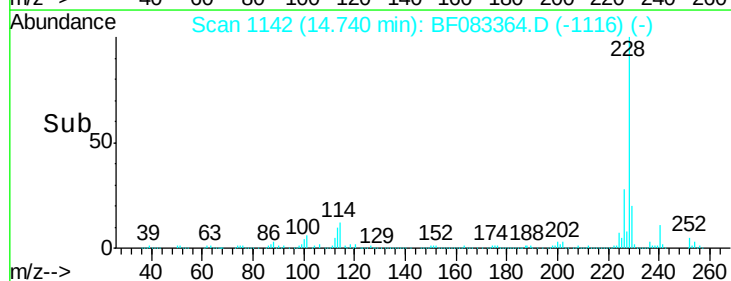
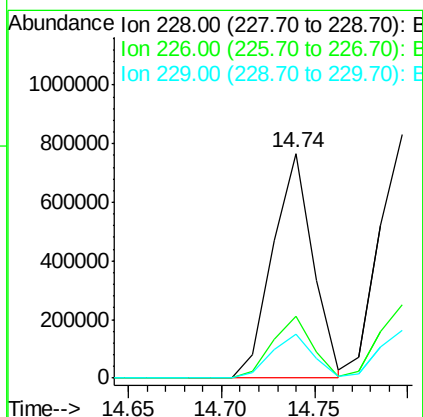
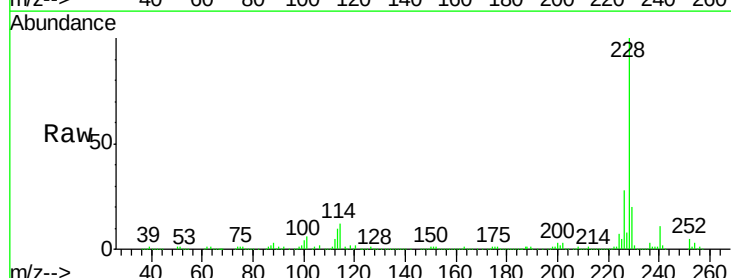
Instrument :
BNA_F
ClientSampleId :
PB86921BSD

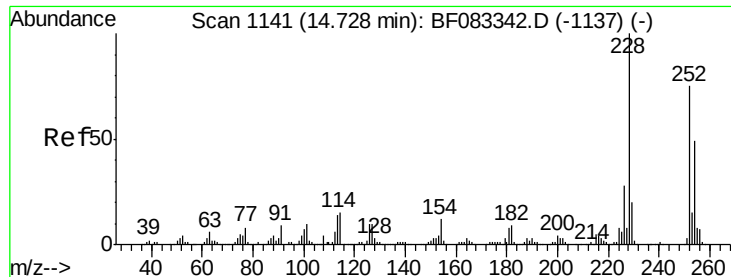
Tgt Ion:149 Resp: 618410
Ion Ratio Lower Upper
149 100
91 84.0 71.4 107.2
206 19.4 15.1 22.7



#80
Benzo(a)anthracene
Concen: 36.17 ng
RT: 14.74 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF083364.D
Acq: 1 Dec 2015 6:16

Tgt Ion:228 Resp: 1151499
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.5 16.1 24.1

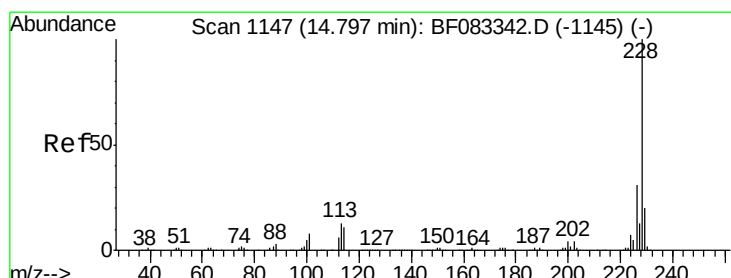
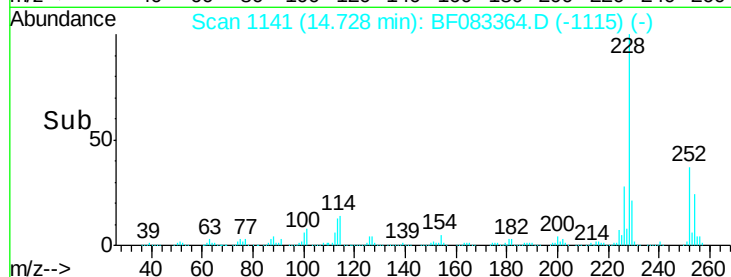
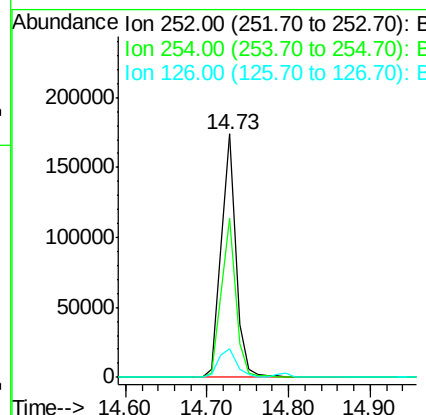
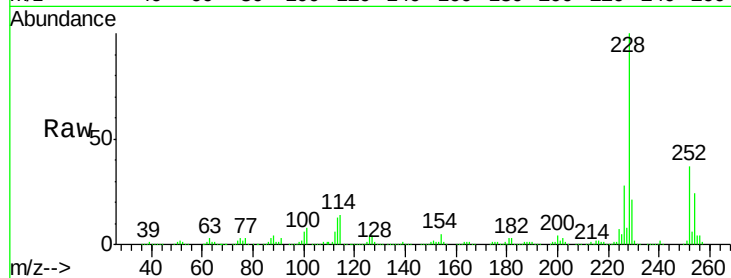




#81
 3,3'-Dichlorobenzidine
 Concen: 22.16 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

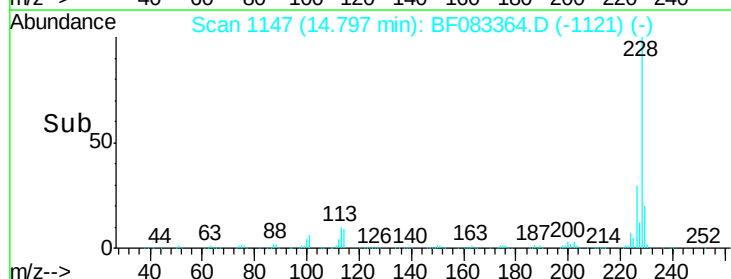
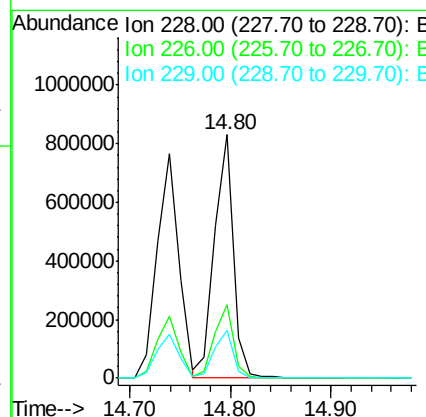
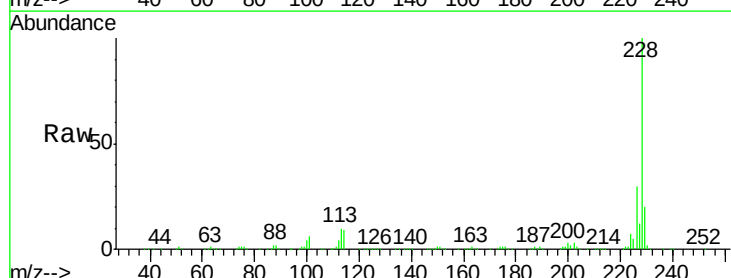
Instrument :
 BNA_F
 ClientSampleId :
 PB86921BSD

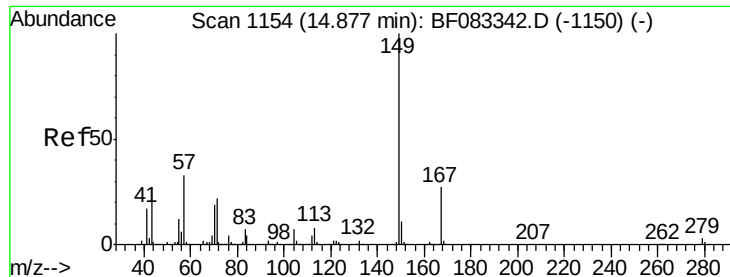
Tgt Ion: 252 Resp: 220301
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.0 78.0
 126 11.8 10.7 16.1



#82
 Chrysene
 Concen: 35.38 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF083364.D
 Acq: 1 Dec 2015 6:16

Tgt Ion: 228 Resp: 1088142
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.6 37.0
 229 19.8 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.65 ng

RT: 14.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

Instrument :

BNA_F

ClientSampleId :

PB86921BSD

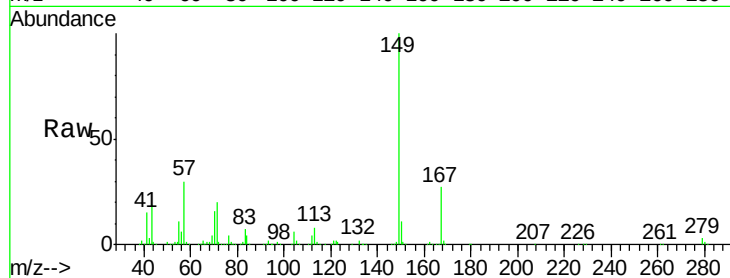
Tgt Ion:149 Resp: 818671

Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

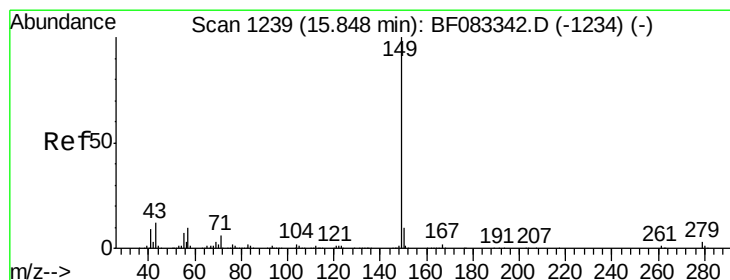
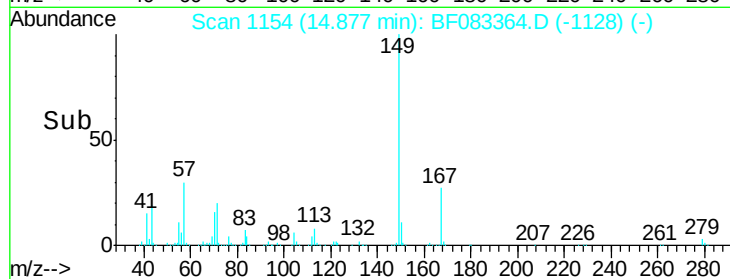
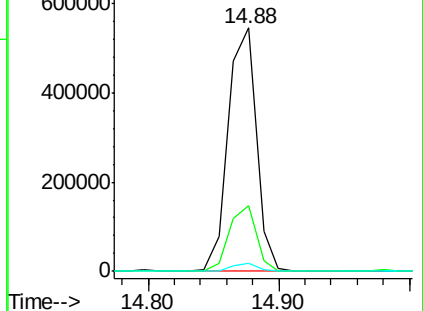
279 3.3 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.85 ng

RT: 15.84 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF083364.D

Acq: 1 Dec 2015 6:16

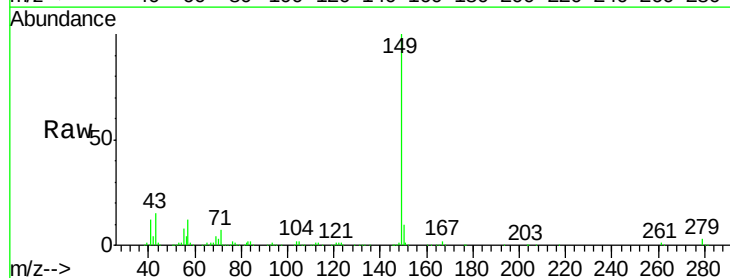
Tgt Ion:149 Resp: 1163764

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.8 11.0 16.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

