

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082683.D
 Acq On : 4 Nov 2015 4:38
 Operator : UM/IZ
 Sample : G4229-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Quant Time: Nov 04 06:05:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172720	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	688897	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	354871	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	638283	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	463208	20.00	ng	-0.01
86) Perylene-d12	15.48	264	425545	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1254567	109.40	ng	0.02
7) Phenol-d6	6.51	99	1794094	117.76	ng	0.00
23) Nitrobenzene-d5	7.45	82	1455663	86.29	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	580976	149.59	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2253335	90.15	ng	0.00
78) Terphenyl-d14	12.99	244	2251154	106.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	193061	36.42	ng	# 80
3) Pyridine	3.33	79	365728	23.53	ng	96
4) n-Nitrosodimethylamine	3.25	42	284249	32.49	ng	91
6) Aniline	6.54	93	324963	15.32	ng	97
8) 2-Chlorophenol	6.67	128	507724	40.92	ng	97
9) Benzaldehyde	6.42	77	140332	13.49	ng	94
10) Phenol	6.53	94	551860	31.97	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	537708	42.22	ng	95
12) 1,3-Dichlorobenzene	6.82	146	534804	37.80	ng	93
13) 1,4-Dichlorobenzene	6.90	146	581689	41.45	ng	94
14) 1,2-Dichlorobenzene	7.05	146	493737	37.91	ng	93
15) Benzyl Alcohol	7.02	79	599958	42.23	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	806622	39.85	ng	97
17) 2-Methylphenol	7.14	107	458791	43.49	ng	98
18) Hexachloroethane	7.40	117	207359	37.86	ng	# 78
19) n-Nitroso-di-n-propylamine	7.30	70	441170	38.20	ng	91
20) 3+4-Methylphenols	7.29	107	526647	38.41	ng	# 85
22) Acetophenone	7.29	105	784453	38.68	ng	# 86
24) Nitrobenzene	7.46	77	608771	35.70	ng	# 88
25) Isophorone	7.71	82	1212608	39.07	ng	96
26) 2-Nitrophenol	7.78	139	265010	42.54	ng	# 82
27) 2,4-Dimethylphenol	7.82	122	527182	43.36	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	648020	38.17	ng	98
29) 2,4-Dichlorophenol	8.02	162	441993	39.88	ng	87
30) 1,2,4-Trichlorobenzene	8.11	180	504375	41.00	ng	96
31) Naphthalene	8.19	128	1547368	41.51	ng	100
32) Benzoic acid	7.94	122	318174	36.07	ng	99
33) 4-Chloroaniline	8.24	127	126419	7.94	ng	# 89
34) Hexachlorobutadiene	8.32	225	330615	42.26	ng	99
35) Caprolactam	8.60	113	90644	26.66	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	515794	39.52	ng	95
37) 2-Methylnaphthalene	8.88	142	997981	41.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	456583	38.56	ng	98
40) Hexachlorocyclopentadiene	9.05	237	607941	81.66	ng	96

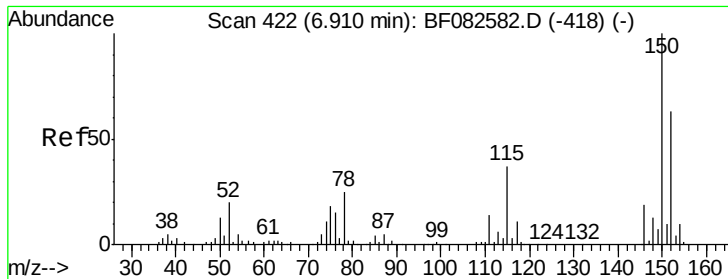
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082683.D
 Acq On : 4 Nov 2015 4:38
 Operator : UM/IZ
 Sample : G4229-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Quant Time: Nov 04 06:05:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	370324	43.31	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	349176	40.99	ng #	78
45) 1,1'-Biphenyl	9.34	154	1180123	39.37	ng	97
46) 2-Chloronaphthalene	9.37	162	936946	40.03	ng	95
47) 2-Nitroaniline	9.46	65	351615	38.64	ng	89
48) Acenaphthylene	9.79	152	1588296	42.42	ng	97
49) Dimethylphthalate	9.65	163	1321379	45.59	ng	98
50) 2,6-Dinitrotoluene	9.71	165	269823	44.92	ng #	56
51) Acenaphthene	9.96	154	1133772	47.70	ng	98
52) 3-Nitroaniline	9.87	138	149278	22.34	ng #	74
53) 2,4-Dinitrophenol	9.97	184	273941	85.14	ng #	33
54) Dibenzofuran	10.13	168	1462099	45.34	ng	90
55) 4-Nitrophenol	10.03	139	343082	68.23	ng #	85
56) 2,4-Dinitrotoluene	10.11	165	404273	49.77	ng #	76
57) Fluorene	10.48	166	1126348	43.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	330139	45.85	ng	90
59) Diethylphthalate	10.35	149	1222215	41.42	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	549872	43.49	ng #	89
61) 4-Nitroaniline	10.49	138	266575	41.80	ng #	82
62) Azobenzene	10.62	77	1419355	42.66	ng	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	192557	50.02	ng #	46
65) n-Nitrosodiphenylamine	10.58	169	933029	42.52	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	366747	50.70	ng #	88
67) Hexachlorobenzene	11.02	284	396421	49.43	ng #	67
68) Atrazine	11.12	200	368375	51.31	ng	93
69) Pentachlorophenol	11.22	266	474092	89.64	ng	98
70) Phenanthrene	11.44	178	1742078	48.39	ng	98
71) Anthracene	11.48	178	1623020	44.78	ng	100
72) Carbazole	11.63	167	1318667	41.76	ng	99
73) Di-n-butylphthalate	11.97	149	1787277	44.47	ng	100
74) Fluoranthene	12.61	202	1612773	43.82	ng	98
76) Benzidine	12.74	184	176228	8.44	ng	96
77) Pyrene	12.84	202	1562877	45.56	ng	98
79) Butylbenzylphthalate	13.47	149	745554	49.63	ng	98
80) Benzo(a)anthracene	14.03	228	1309048	44.49	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	308455	30.42	ng #	98
82) Chrysene	14.08	228	1259291	47.22	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1162671	59.70	ng #	99
84) Di-n-octyl phthalate	14.65	149	1658289	54.59	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1276666	58.01	ng	100
87) Benzo(b)fluoranthene	15.07	252	1080843	36.83	ng	98
88) Benzo(k)fluoranthene	15.07	252	1080843	48.35	ng #	97
89) Benzo(a)pyrene	15.43	252	1026246	44.41	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	1083482	50.25	ng	98
91) Benzo(g,h,i)perylene	17.32	276	1063684	50.90	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

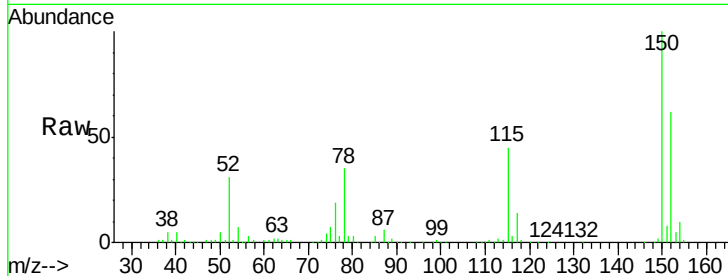
Tgt Ion: 152 Resp: 172720

Ion Ratio Lower Upper

152 100

150 160.3 127.0 190.4

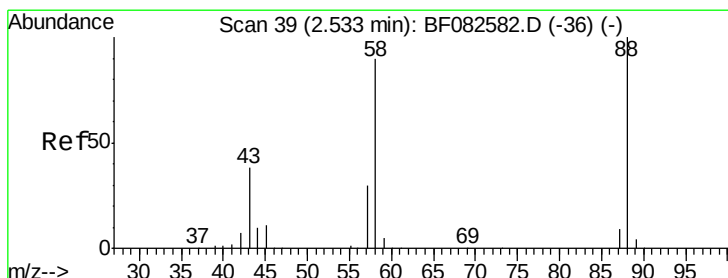
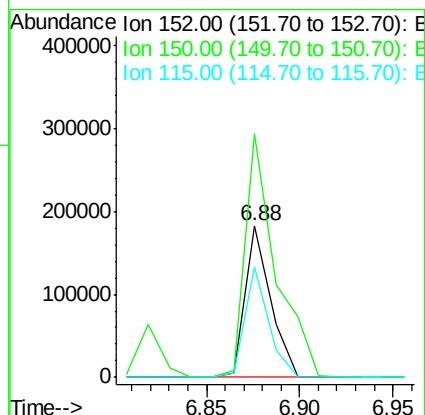
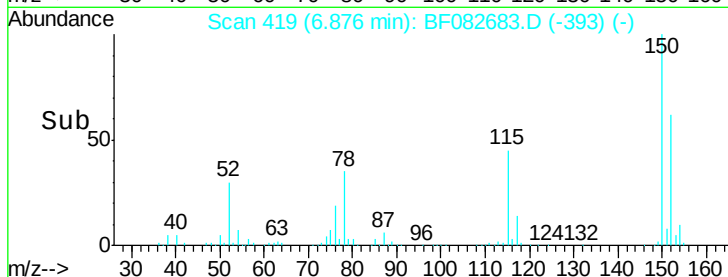
115 72.8 47.0 70.6#



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: 36.42 ng

RT: 2.64 min Scan# 48

Delta R.T. 0.17 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

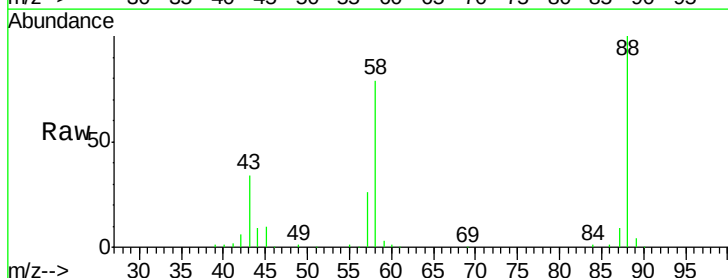
Tgt Ion: 88 Resp: 193061

Ion Ratio Lower Upper

88 100

58 80.2 62.0 93.0

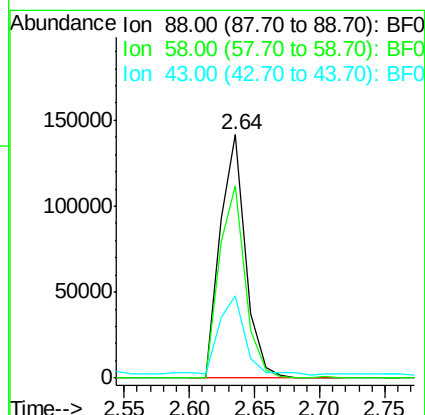
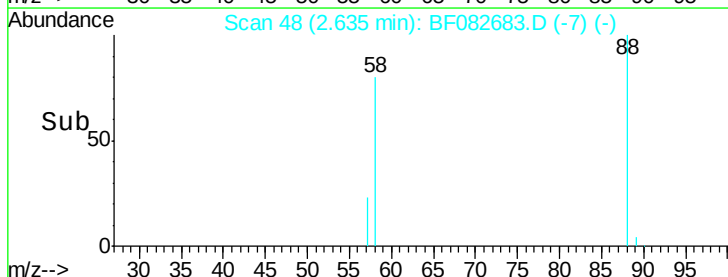
43 0.0 26.6 40.0#

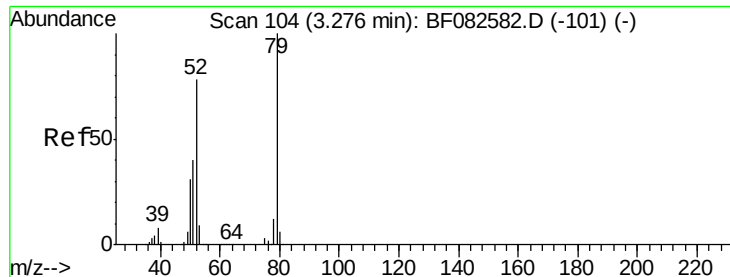


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.53 ng

RT: 3.33 min Scan# 109

Delta R.T. 0.14 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

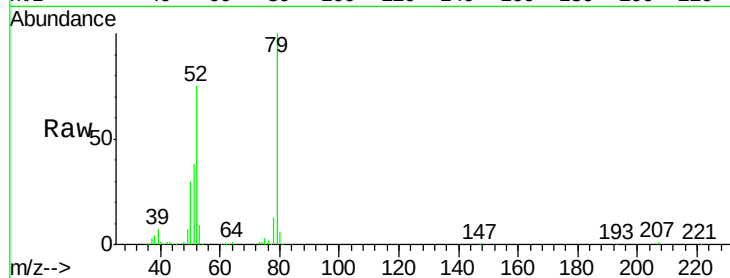
Tgt Ion: 79 Resp: 365728

Ion Ratio Lower Upper

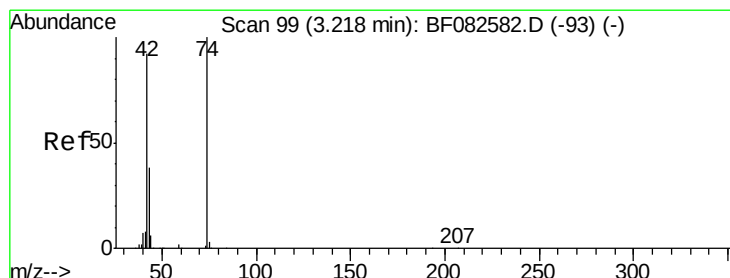
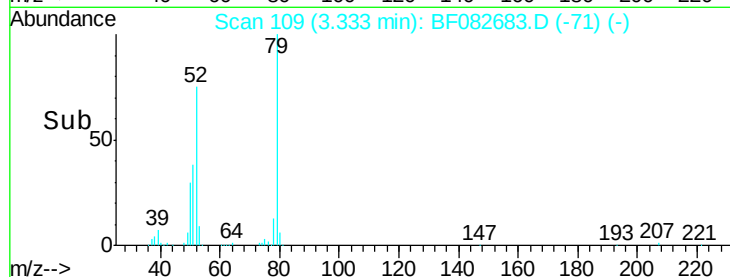
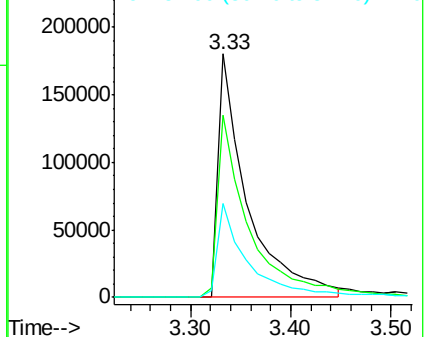
79 100

52 74.8 62.8 94.2

51 38.5 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.49 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.11 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

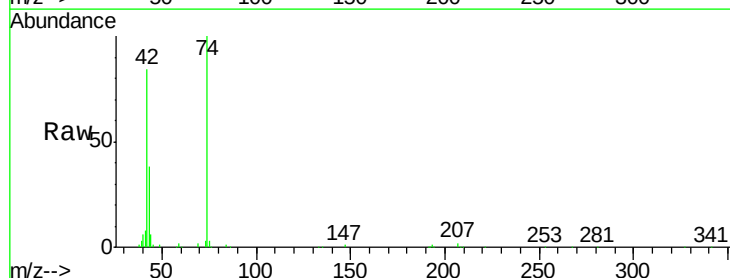
Tgt Ion: 42 Resp: 284249

Ion Ratio Lower Upper

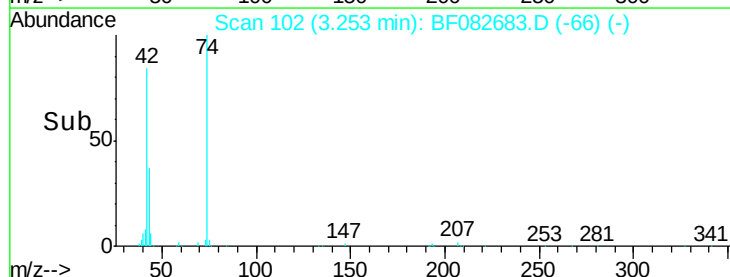
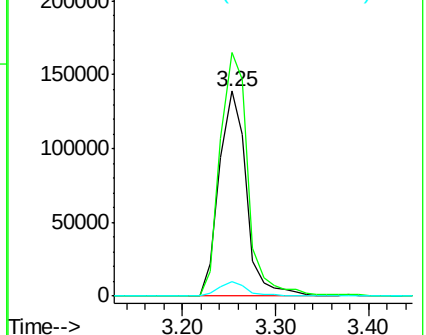
42 100

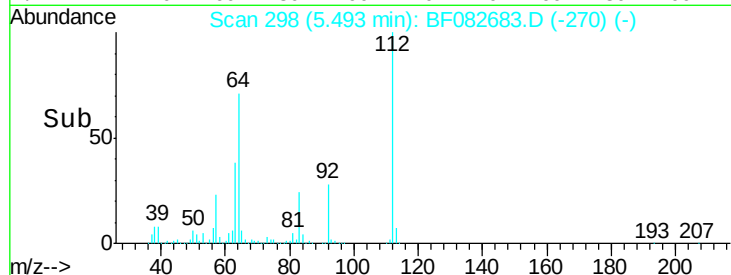
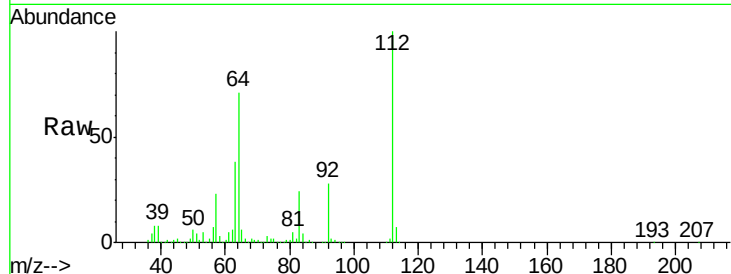
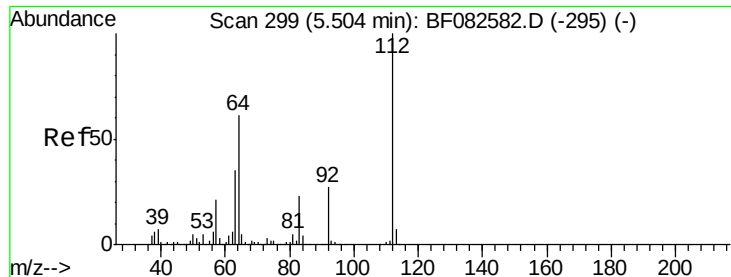
74 118.7 87.0 130.4

44 6.9 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0

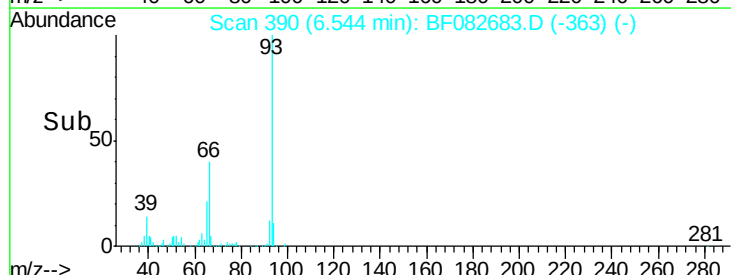
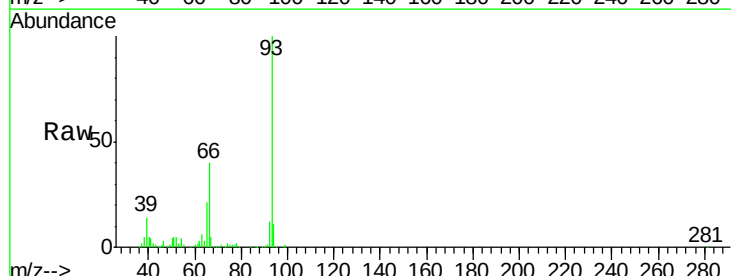
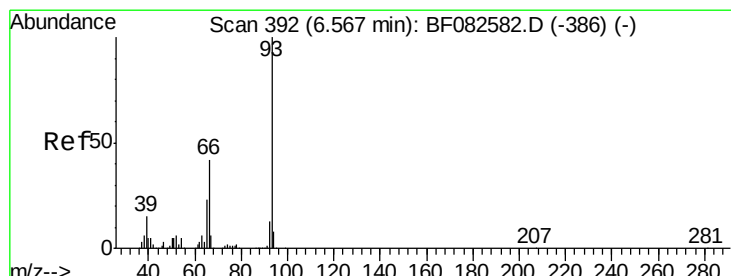
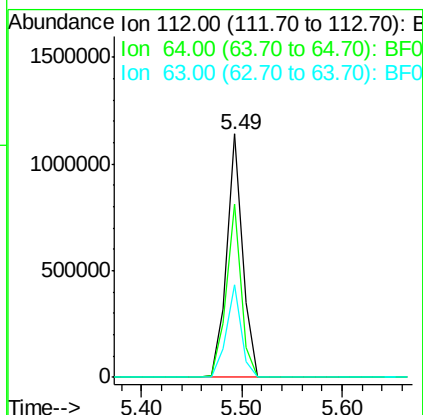




#5
2-Fluorophenol
Concen: 109.40 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.02 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

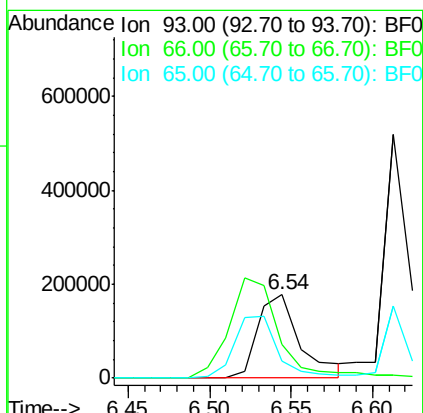
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

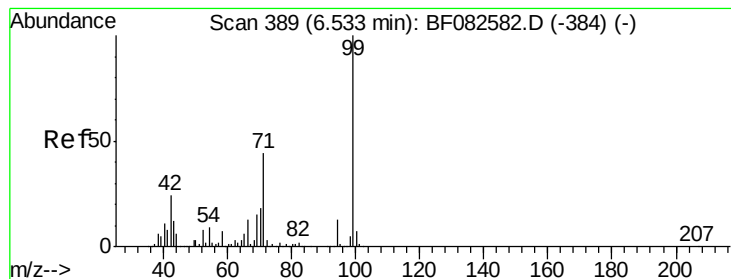
Tgt Ion: 112 Resp: 1254567
Ion Ratio Lower Upper
112 100
64 70.9 48.9 73.3
63 38.1 28.1 42.1



#6
Aniline
Concen: 15.32 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion: 93 Resp: 324963
Ion Ratio Lower Upper
93 100
66 39.7 33.6 50.4
65 21.1 18.1 27.1





#7

Phenol-d6

Concen: 117.76 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

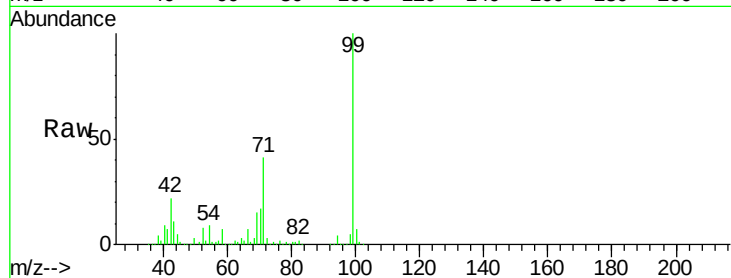
Tgt Ion: 99 Resp: 1794094

Ion Ratio Lower Upper

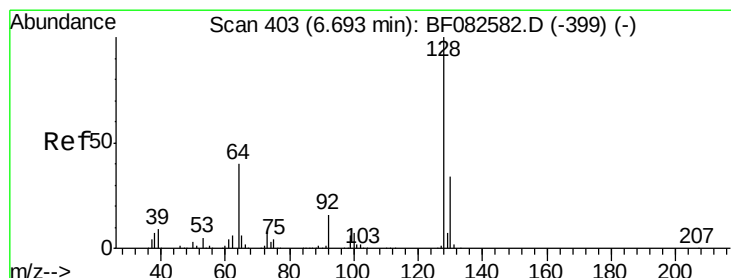
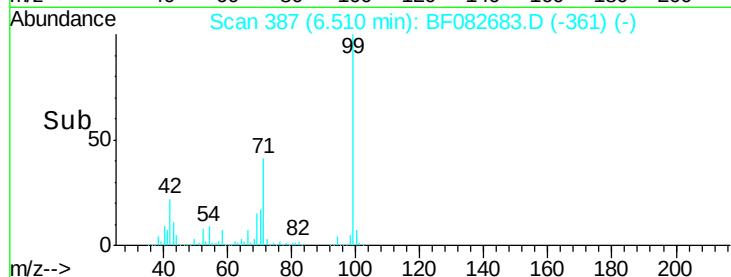
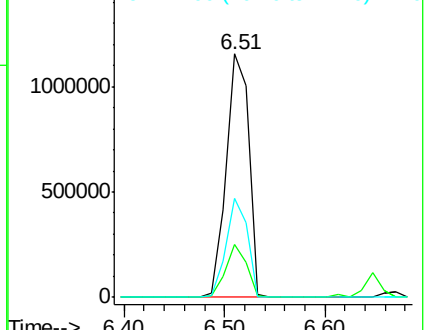
99 100

42 21.8 19.2 28.8

71 40.6 35.0 52.4



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: 40.92 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

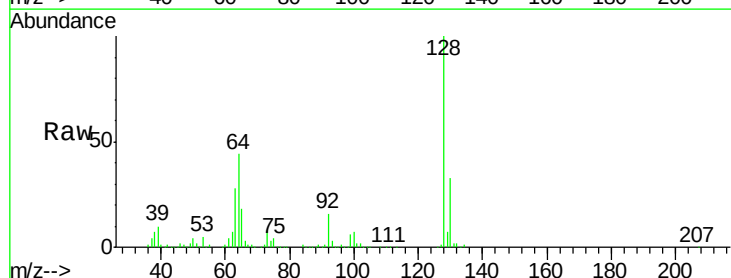
Tgt Ion: 128 Resp: 507724

Ion Ratio Lower Upper

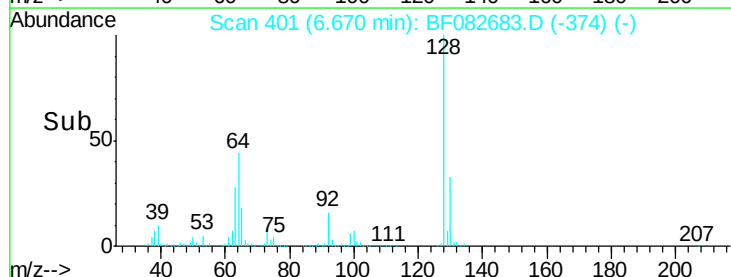
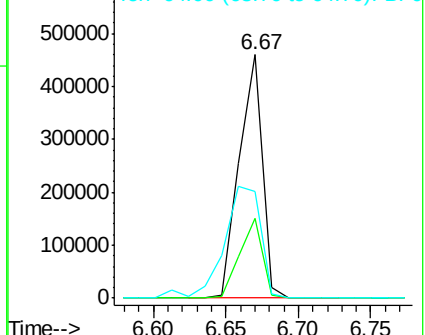
128 100

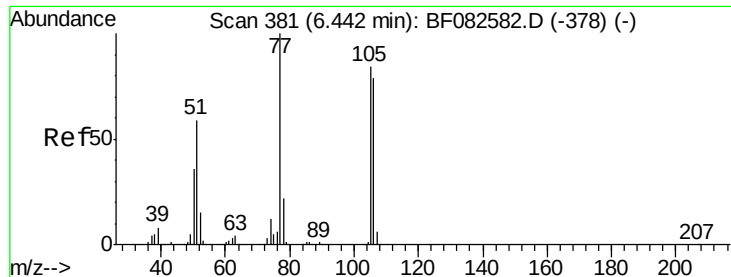
130 33.0 13.5 53.5

64 43.8 21.1 61.1



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: 13.49 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

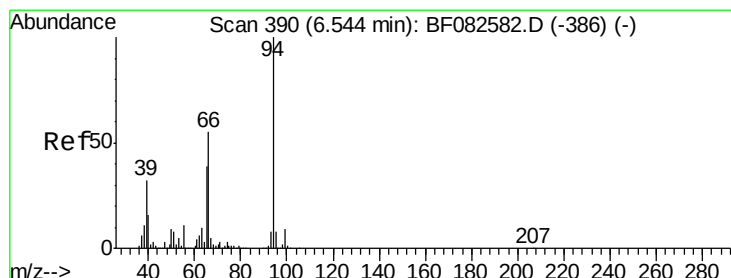
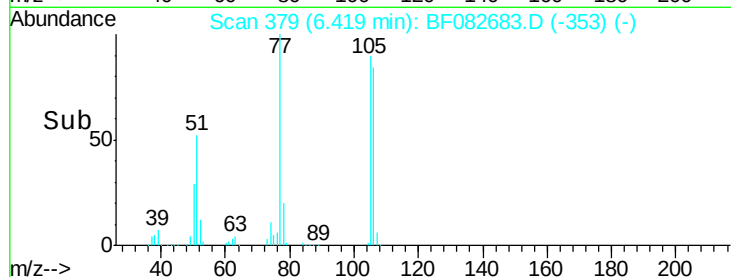
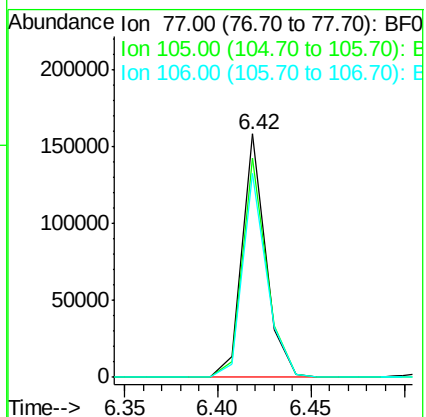
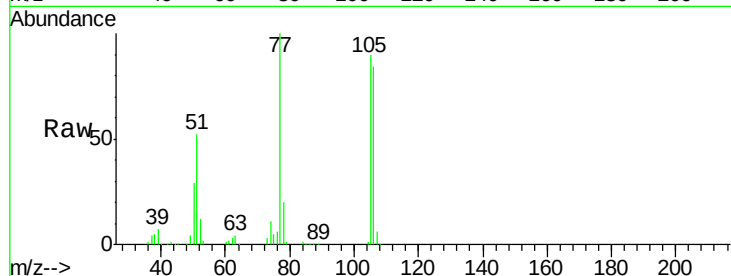
Tgt Ion: 77 Resp: 140332

Ion Ratio Lower Upper

77 100

105 89.9 63.5 103.5

106 83.6 59.3 99.3



#10

Phenol

Concen: 31.97 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

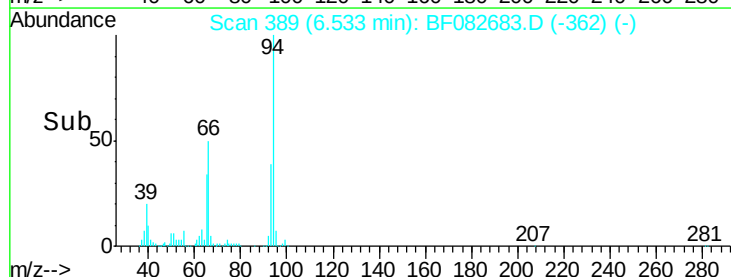
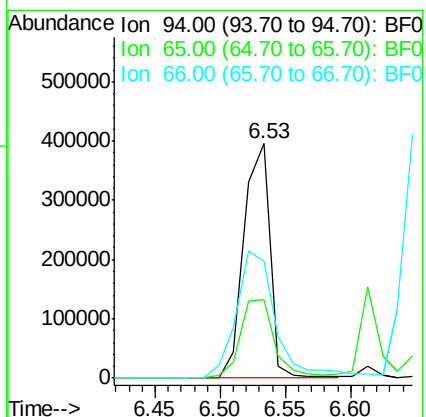
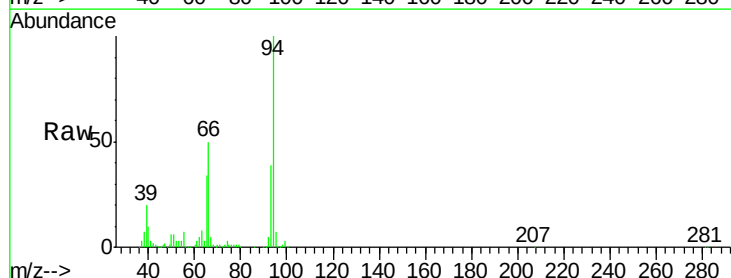
Tgt Ion: 94 Resp: 551860

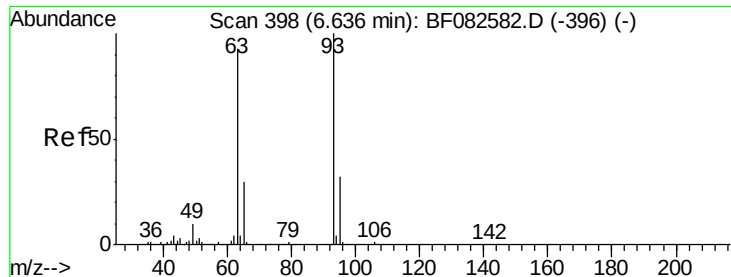
Ion Ratio Lower Upper

94 100

65 33.7 18.9 58.9

66 50.0 34.9 74.9

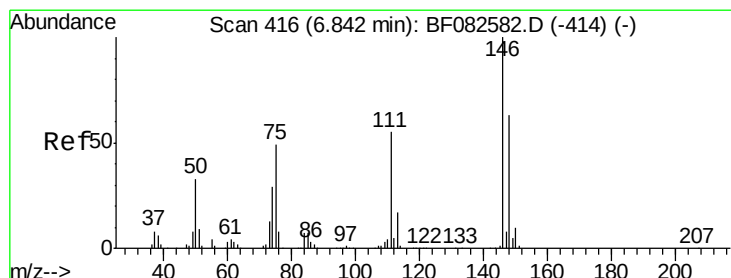
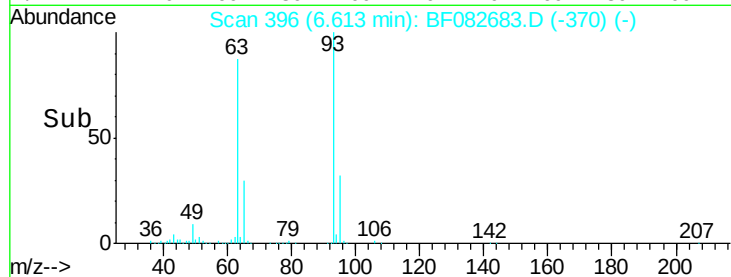
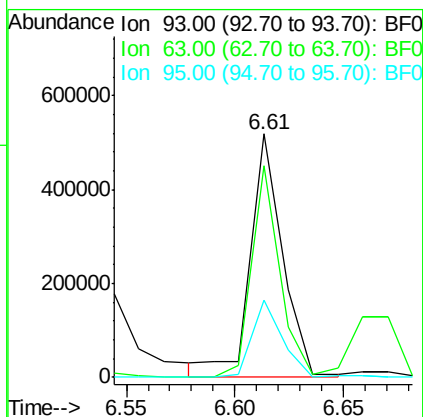
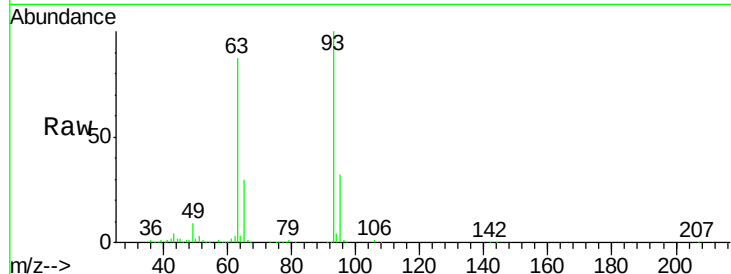




#11
bis(2-Chloroethyl)ether
Concen: 42.22 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

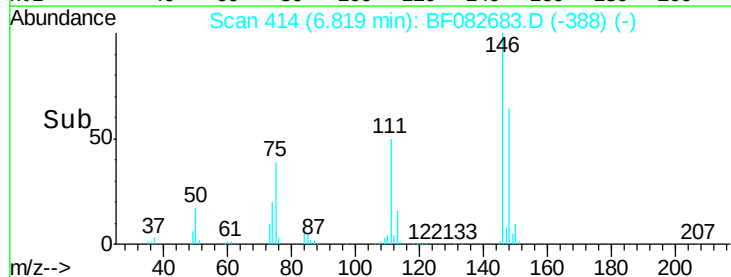
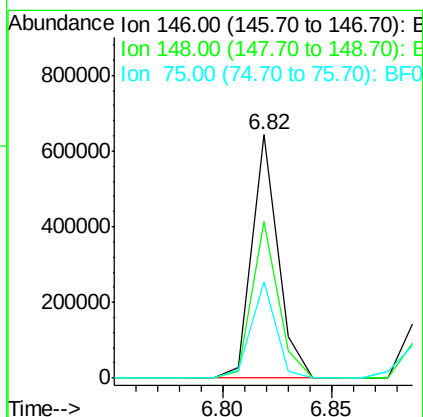
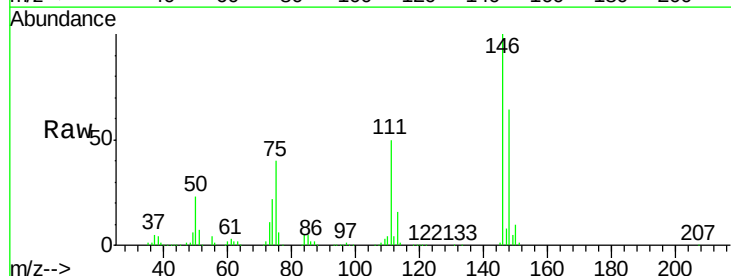
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

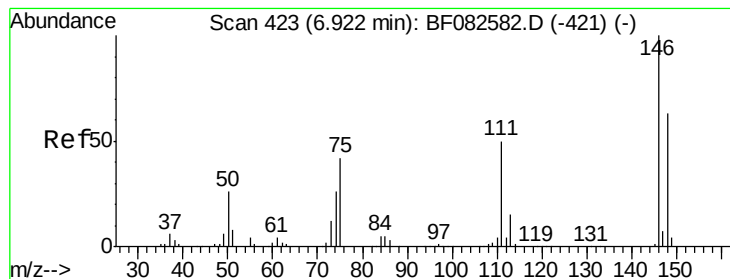
Tgt Ion: 93 Resp: 537708
Ion Ratio Lower Upper
93 100
63 87.0 72.7 112.7
95 31.7 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 37.80 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion: 146 Resp: 534804
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 39.6 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 41.45 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

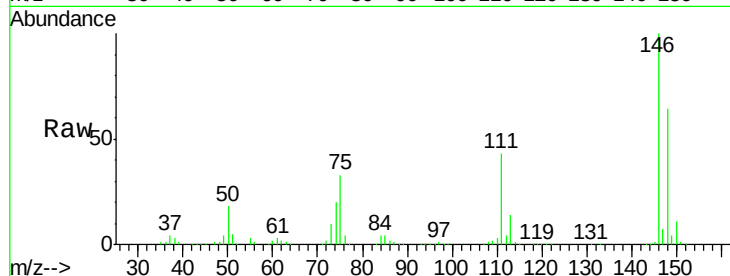
Tgt Ion:146 Resp: 581689

Ion Ratio Lower Upper

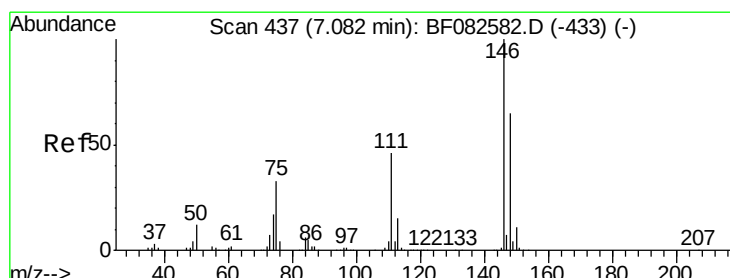
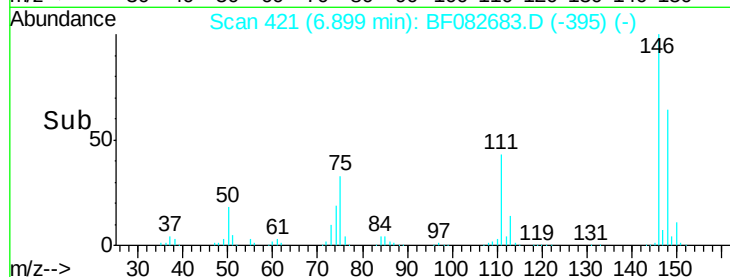
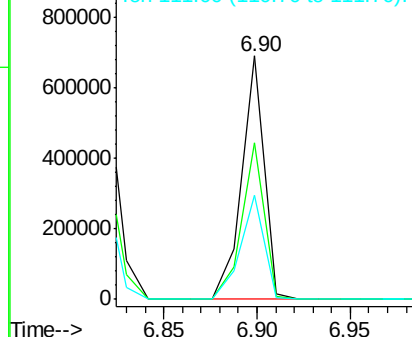
146 100

148 64.2 50.8 76.2

111 42.9 40.6 60.8



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



#14

1,2-Dichlorobenzene

Concen: 37.91 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

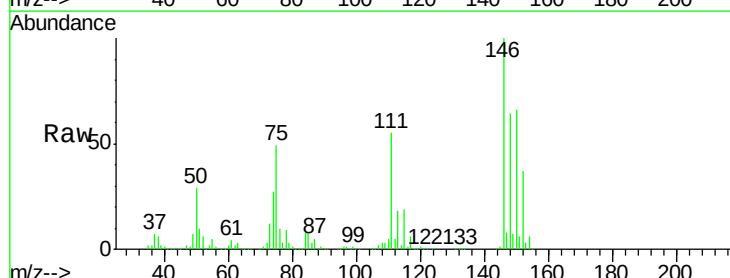
Tgt Ion:146 Resp: 493737

Ion Ratio Lower Upper

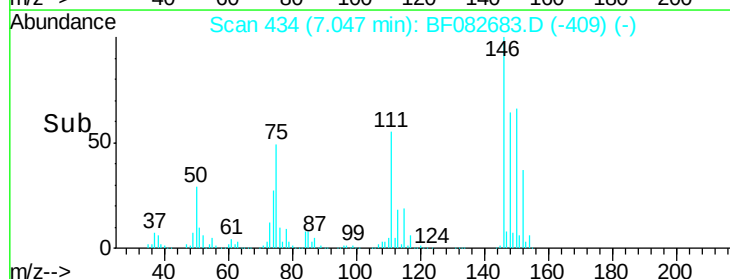
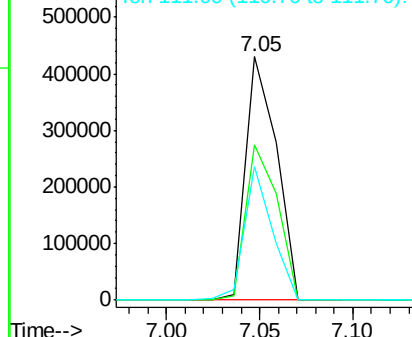
146 100

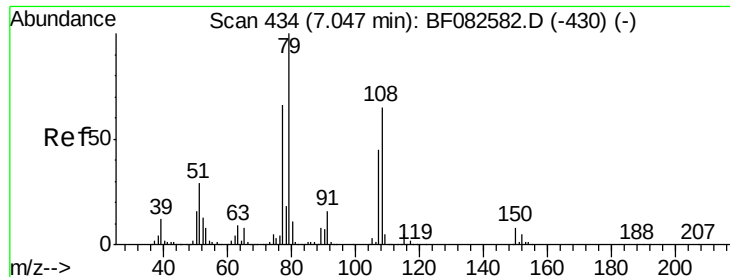
148 63.6 52.2 78.4

111 54.6 36.6 55.0



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: 42.23 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

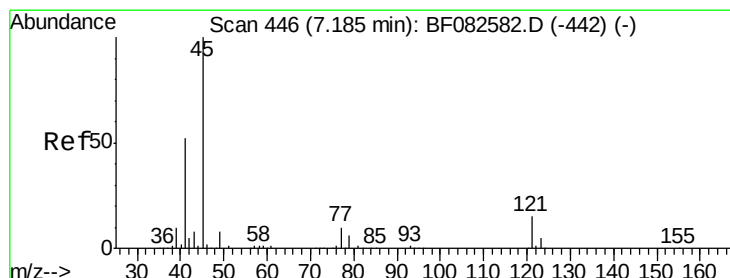
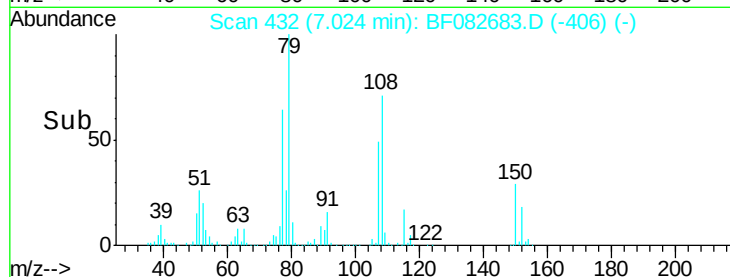
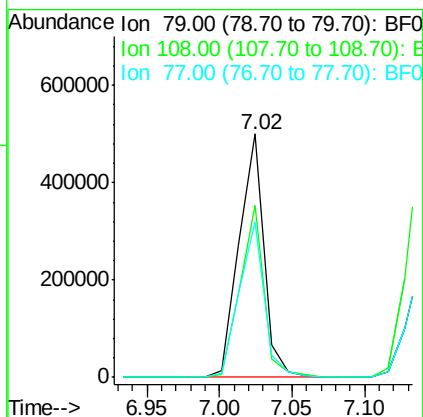
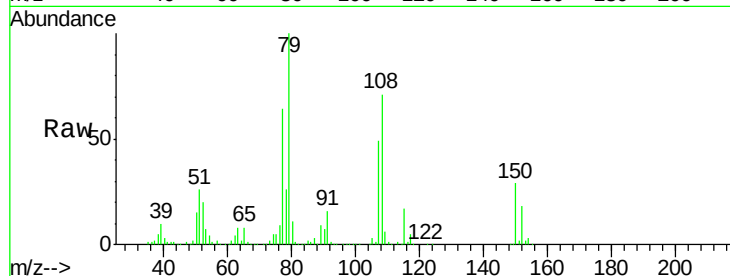
Tgt Ion: 79 Resp: 599958

Ion Ratio Lower Upper

79 100

108 70.8 52.2 78.4

77 63.9 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.85 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

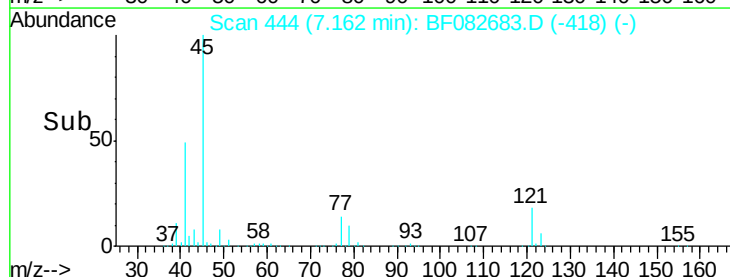
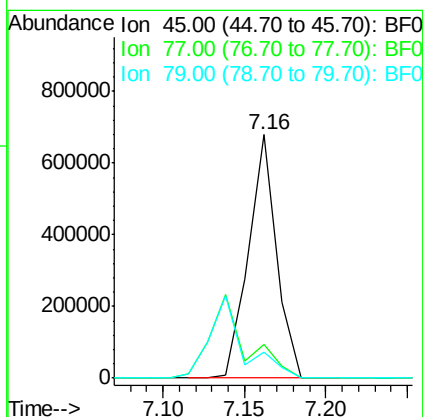
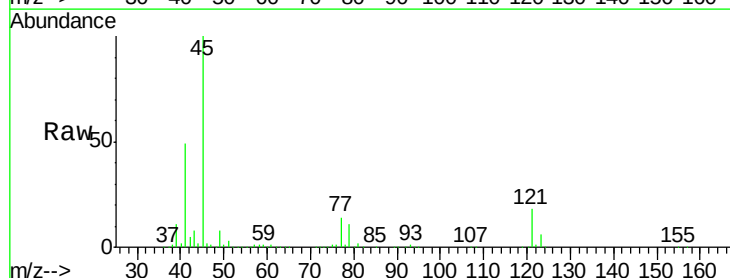
Tgt Ion: 45 Resp: 806622

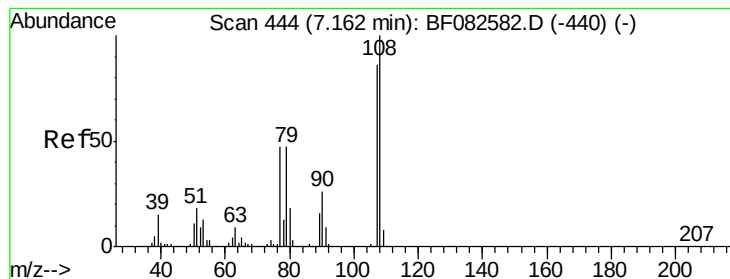
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.6

79 10.6 0.0 29.2





#17

2-Methylphenol

Concen: 43.49 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

Tgt Ion:107 Resp: 458791

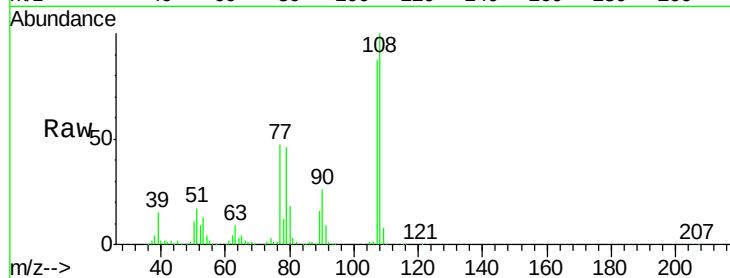
Ion Ratio Lower Upper

107 100

108 114.6 93.0 139.4

77 53.7 44.1 66.1

79 53.3 43.6 65.4

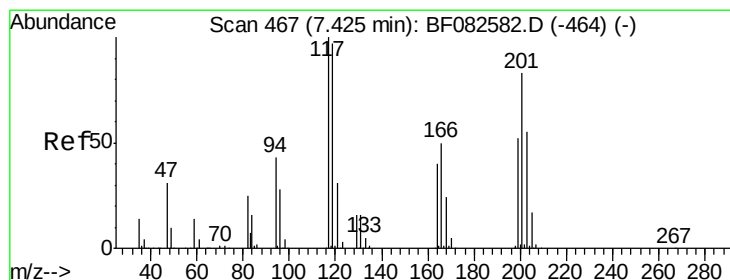
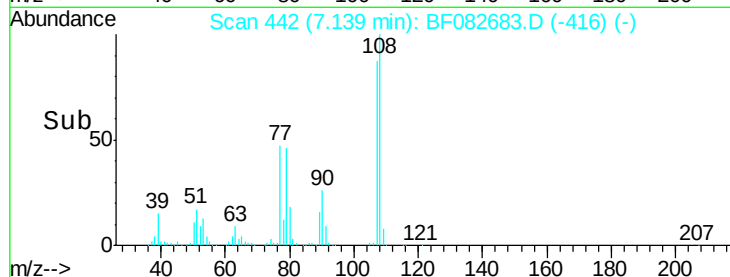
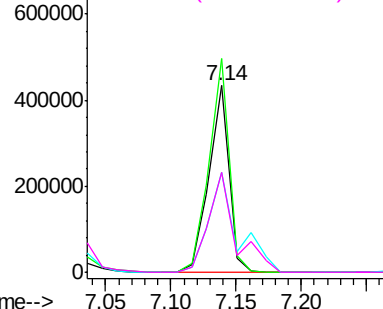


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.86 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

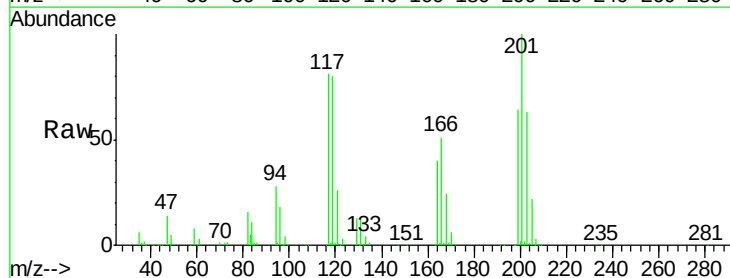
Tgt Ion:117 Resp: 207359

Ion Ratio Lower Upper

117 100

119 99.1 77.7 116.5

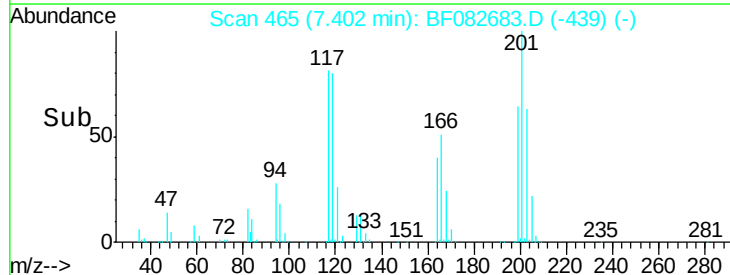
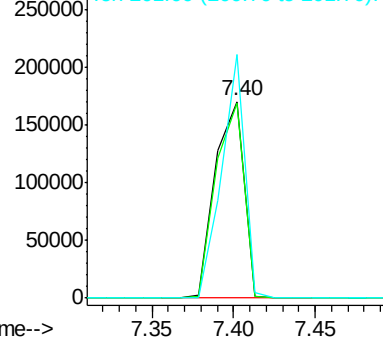
201 123.9 66.7 100.1#

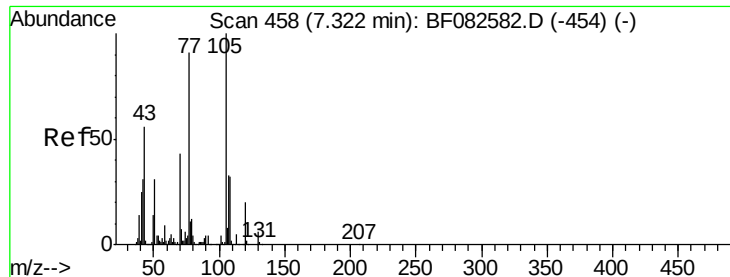


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

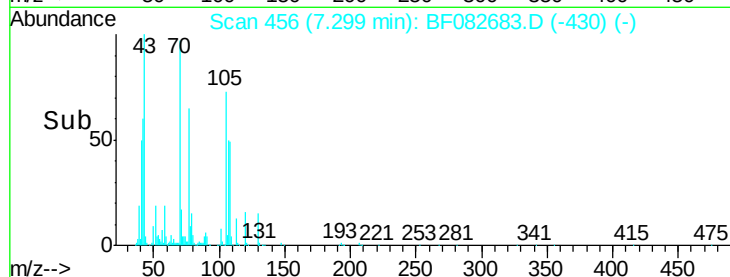
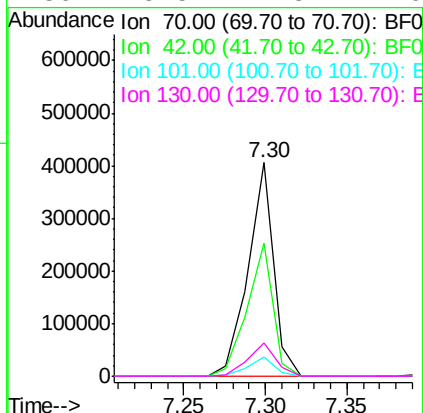
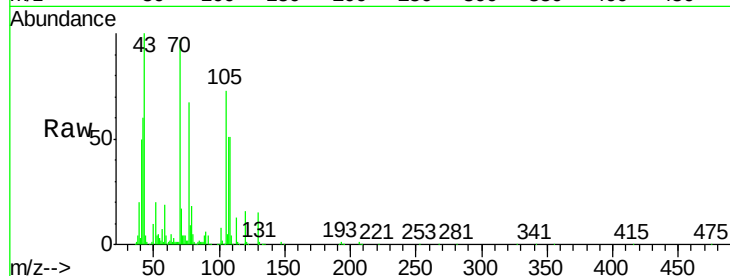




#19
n-Nitroso-di-n-propylamine
Concen: 38.20 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

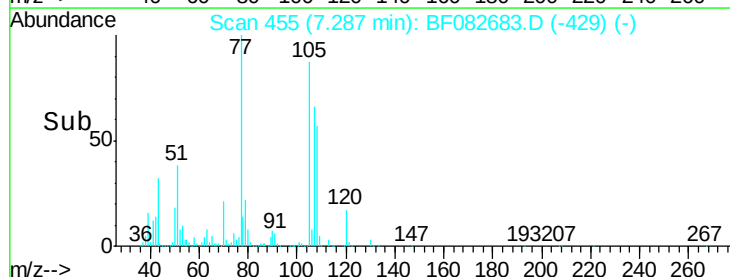
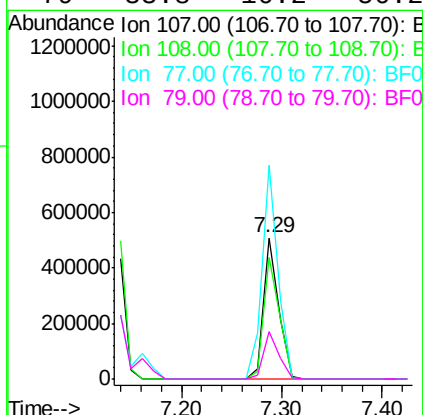
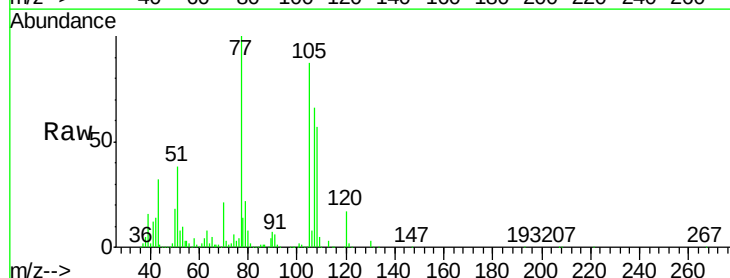
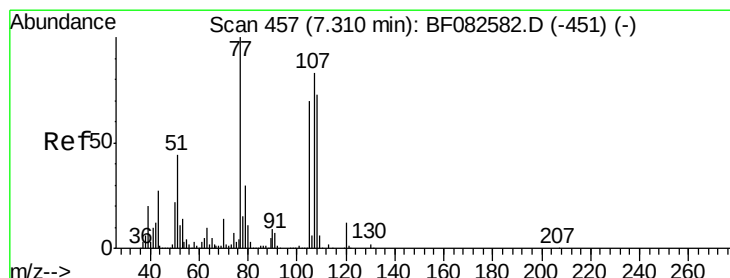
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

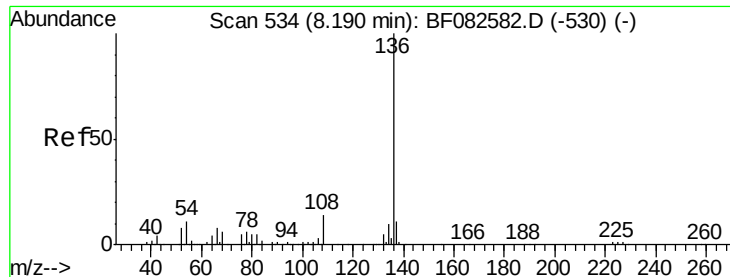
Tgt Ion: 70 Resp: 441170
Ion Ratio Lower Upper
70 100
42 62.4 57.7 86.5
101 8.7 7.0 10.6
130 15.5 11.8 17.6



#20
3+4-Methylphenols
Concen: 38.41 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion: 107 Resp: 526647
Ion Ratio Lower Upper
107 100
108 86.0 67.3 107.3
77 151.1 100.3 140.3#
79 33.8 16.2 56.2

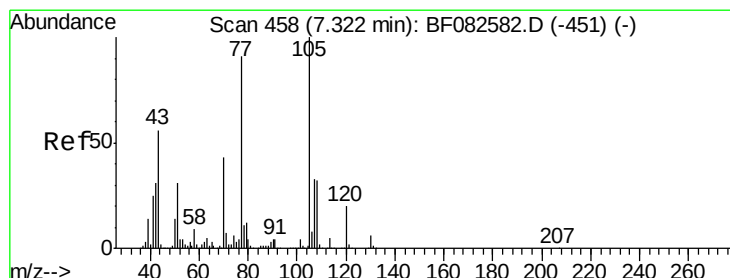
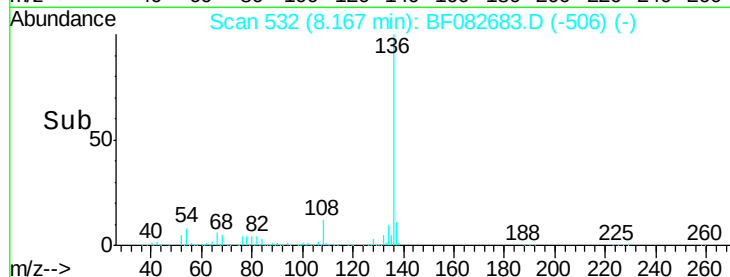
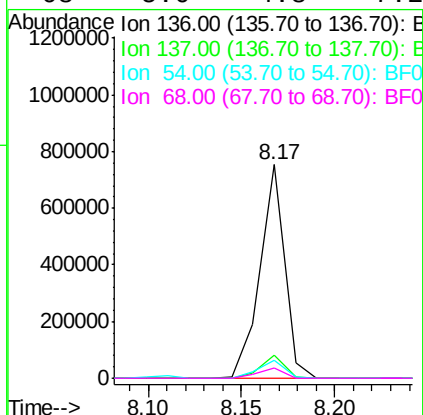
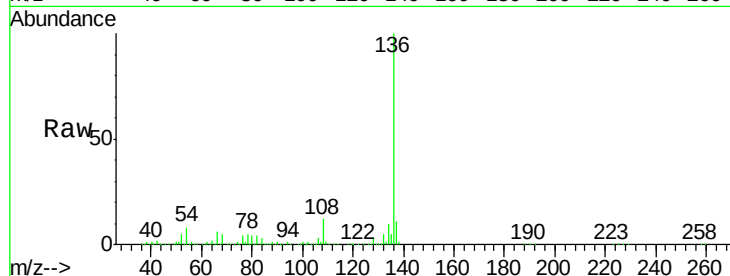




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

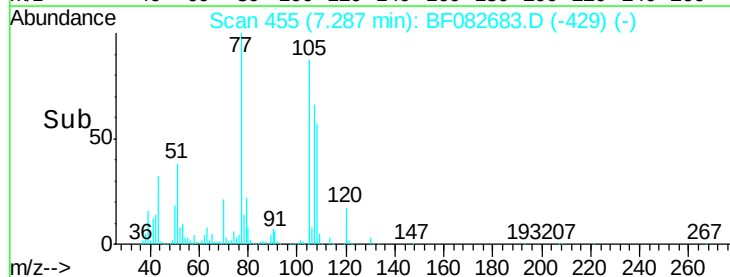
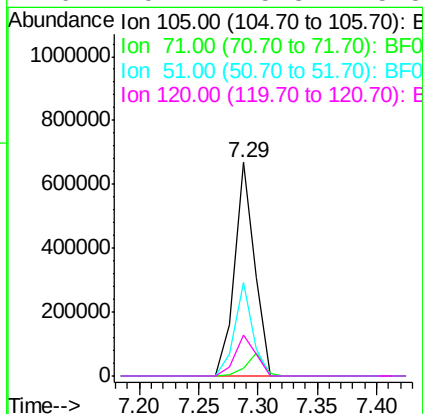
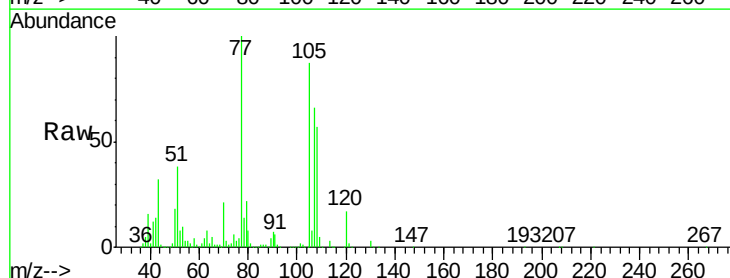
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

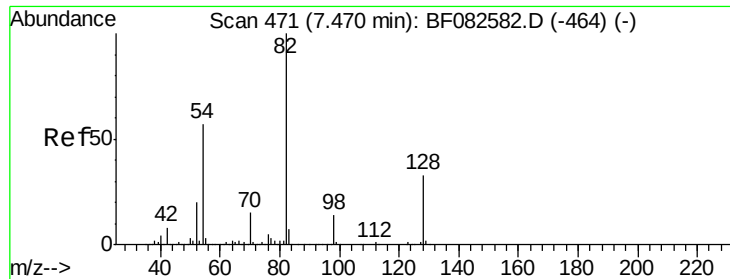
Tgt Ion:	136	Resp:	688897
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	8.4	9.1	13.7#
68	5.0	4.8	7.2



#22
Acetophenone
Concen: 38.68 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion:	105	Resp:	784453
Ion Ratio	Lower	Upper	
105	100		
71	3.9	5.6	8.4#
51	44.0	24.9	37.3#
120	19.4	15.8	23.8

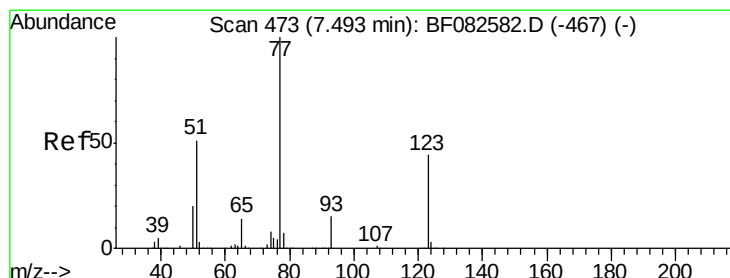
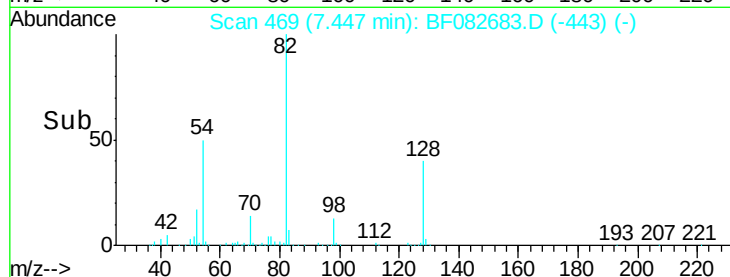
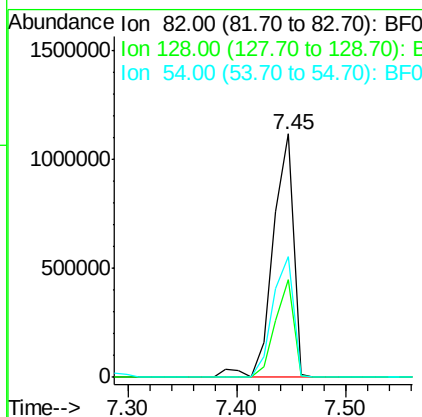
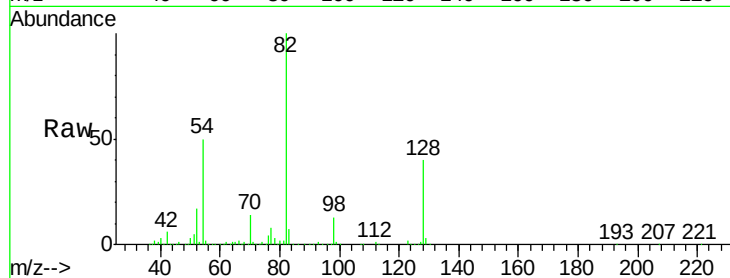




#23
 Nitrobenzene-d5
 Concen: 86.29 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

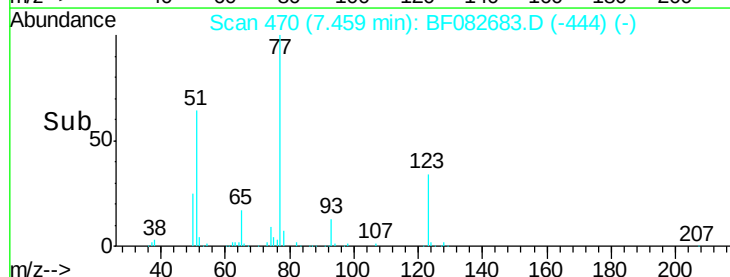
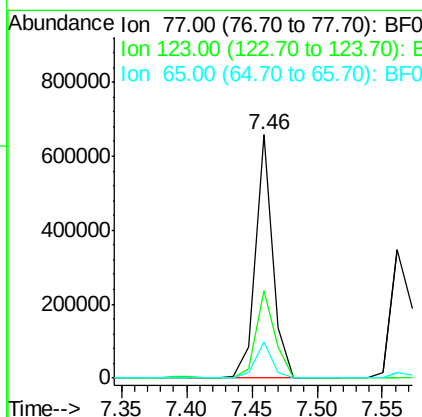
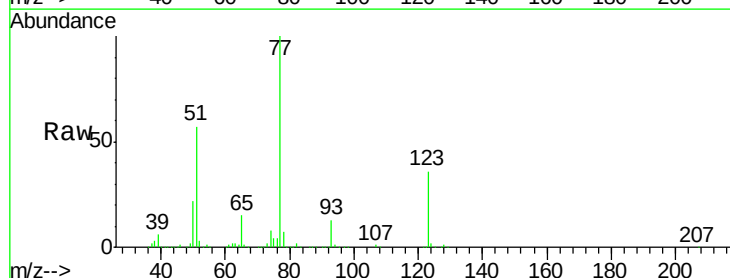
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

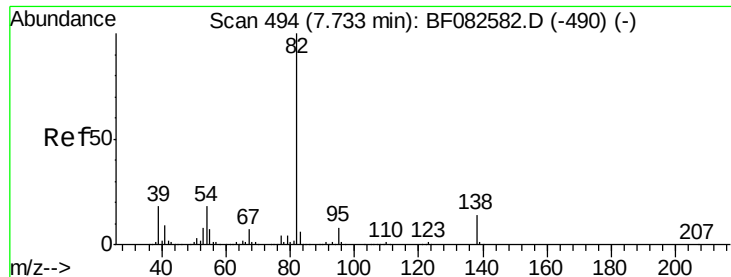
Tgt Ion: 82 Resp: 1455663
 Ion Ratio Lower Upper
 82 100
 128 40.1 26.8 40.2
 54 49.8 45.7 68.5



#24
 Nitrobenzene
 Concen: 35.70 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion: 77 Resp: 608771
 Ion Ratio Lower Upper
 77 100
 123 35.7 36.4 54.6#
 65 15.1 11.5 17.3





#25

Isophorone

Concen: 39.07 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

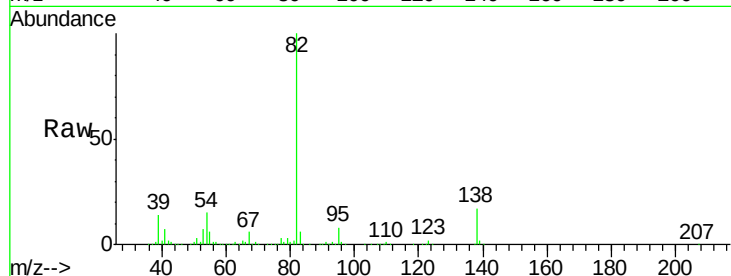
Tgt Ion: 82 Resp: 1212608

Ion Ratio Lower Upper

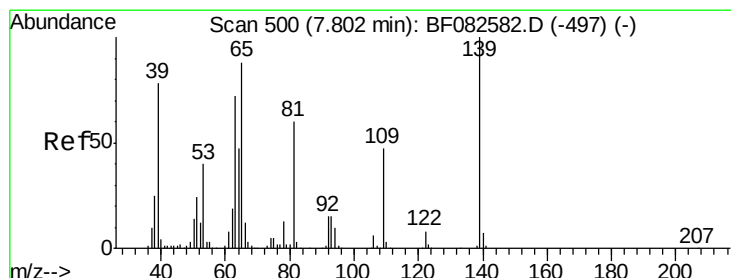
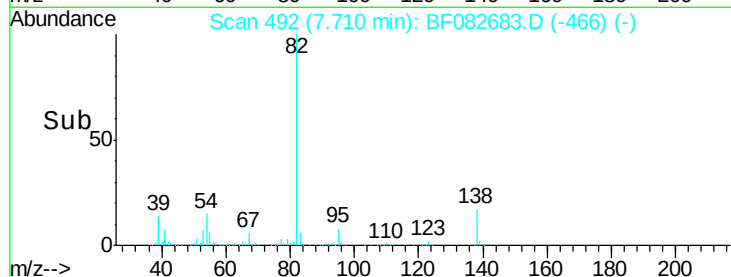
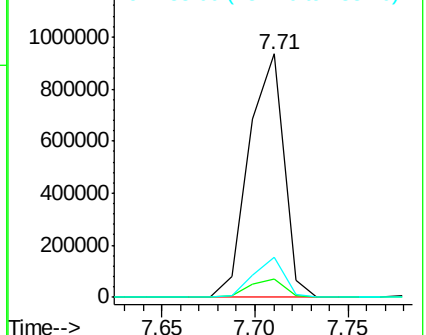
82 100

95 7.8 6.6 9.8

138 16.6 11.4 17.0



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



#26

2-Nitrophenol

Concen: 42.54 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

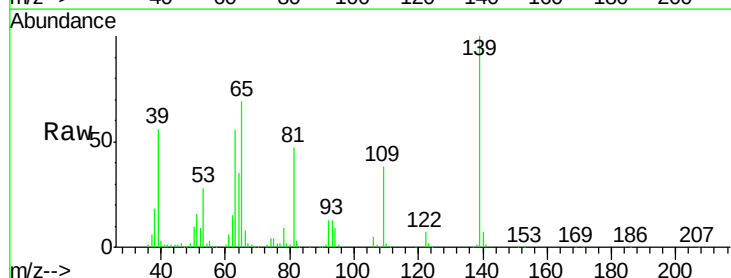
Tgt Ion: 139 Resp: 265010

Ion Ratio Lower Upper

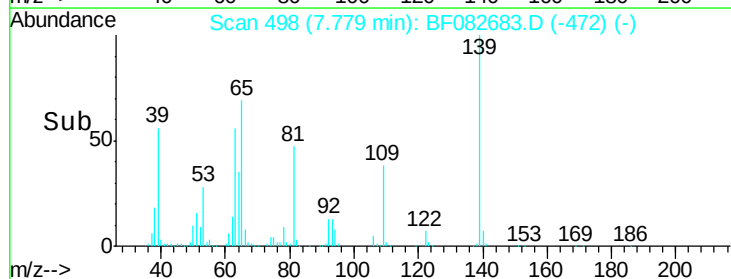
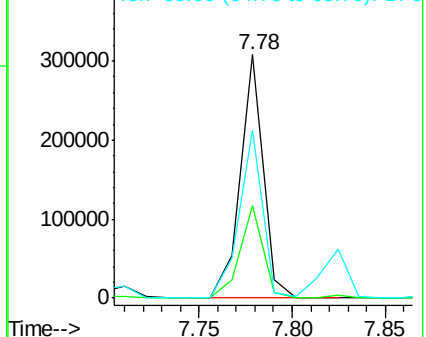
139 100

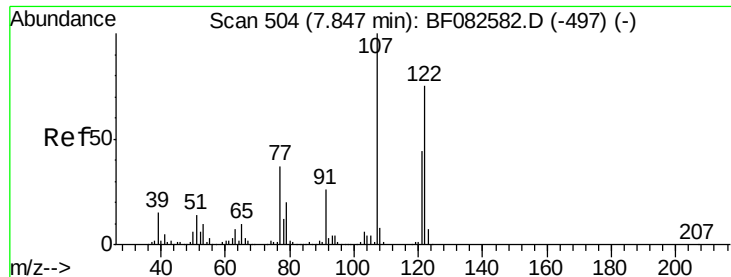
109 38.1 37.6 56.4

65 69.2 70.6 105.8#



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

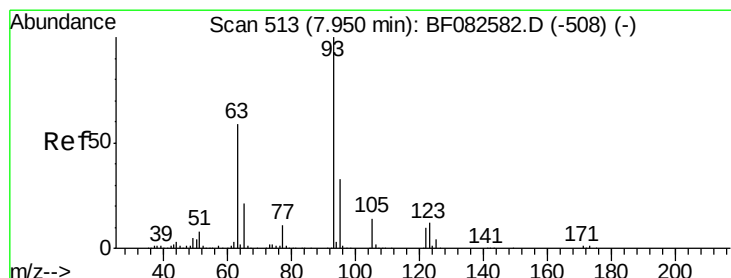
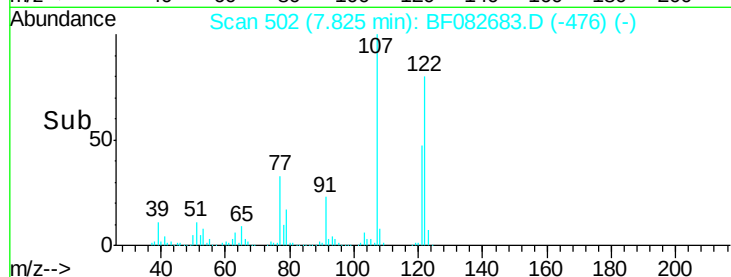
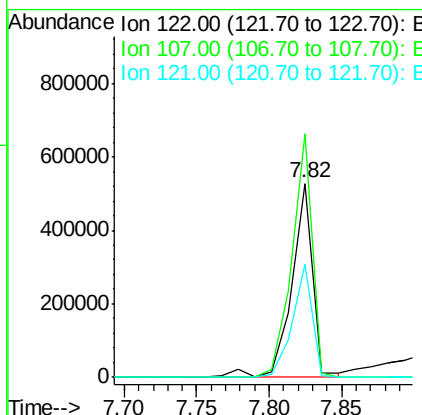
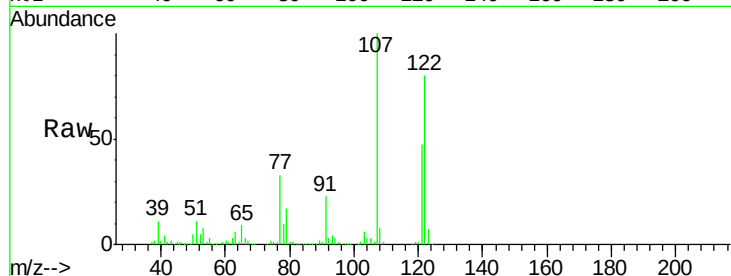




#27
 2,4-Dimethylphenol
 Concen: 43.36 ng
 RT: 7.82 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

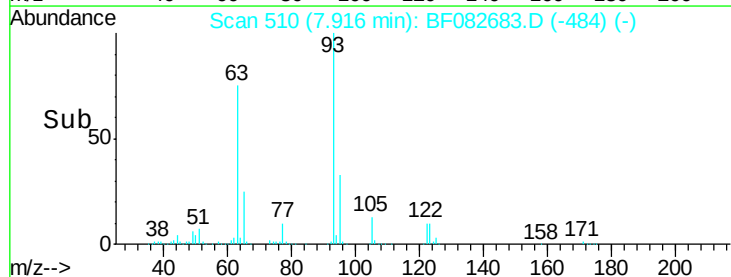
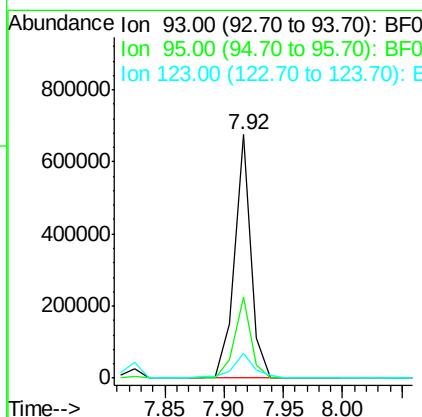
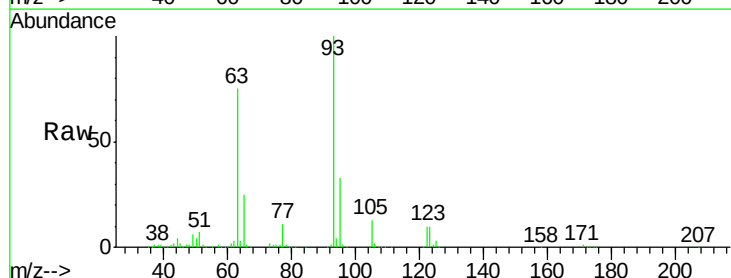
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

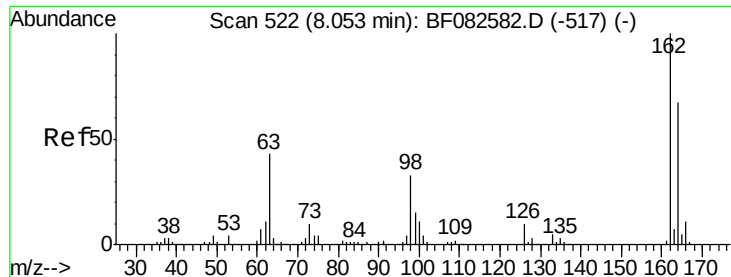
Tgt Ion:122 Resp: 527182
 Ion Ratio Lower Upper
 122 100
 107 125.5 106.0 159.0
 121 58.4 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.17 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion: 93 Resp: 648020
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 40.0
 123 9.9 9.7 14.5

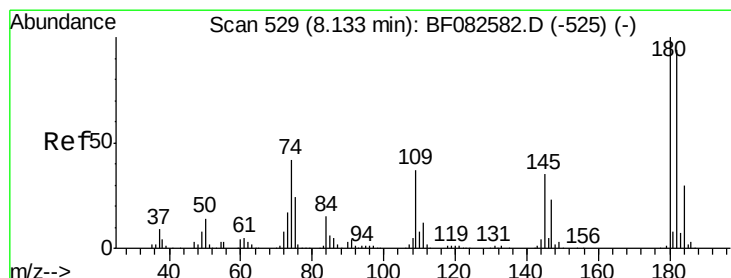
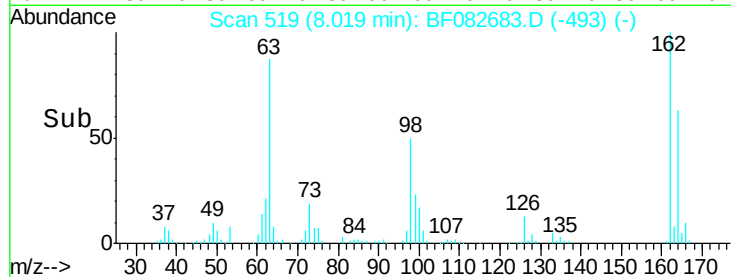
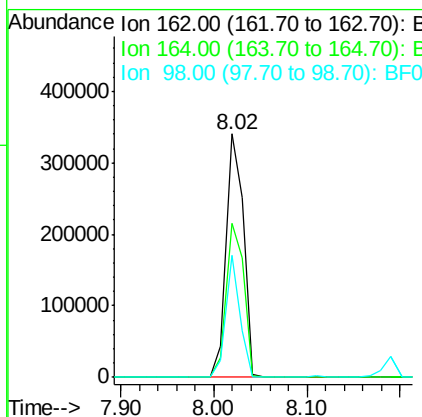
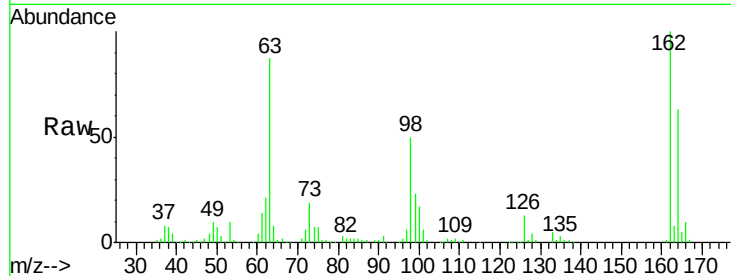




#29
2,4-Dichlorophenol
Concen: 39.88 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

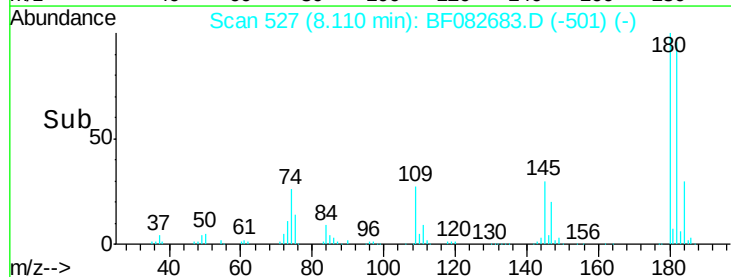
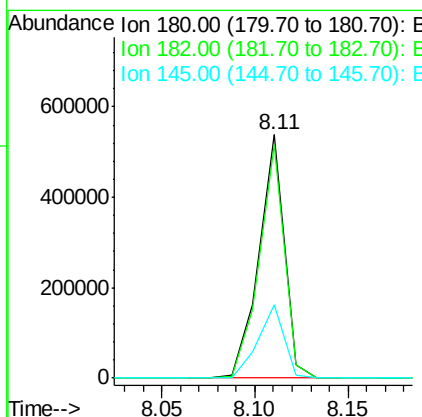
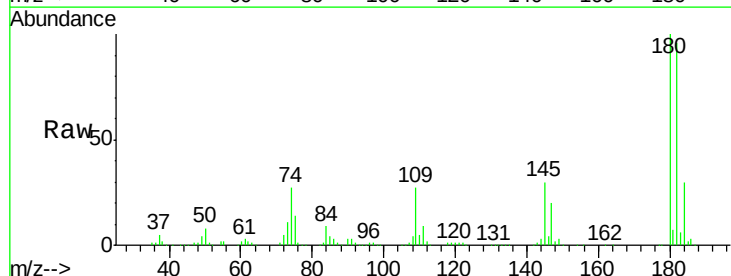
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

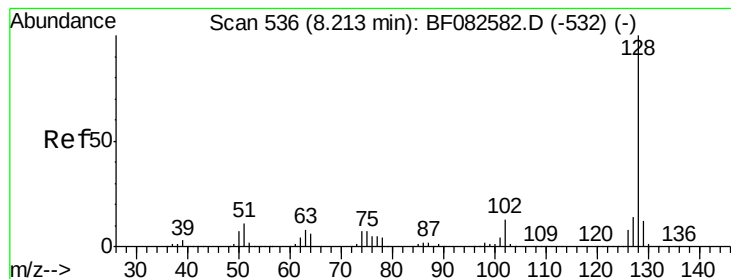
Tgt Ion:162 Resp: 441993
Ion Ratio Lower Upper
162 100
164 63.1 46.8 86.8
98 49.9 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 41.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion:180 Resp: 504375
Ion Ratio Lower Upper
180 100
182 95.7 74.9 112.3
145 30.0 27.8 41.8





#31

Naphthalene

Concen: 41.51 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

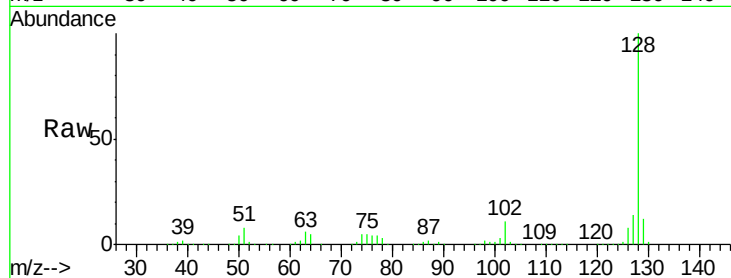
Tgt Ion:128 Resp: 1547368

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

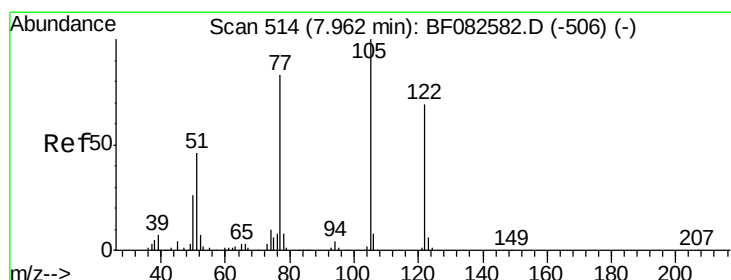
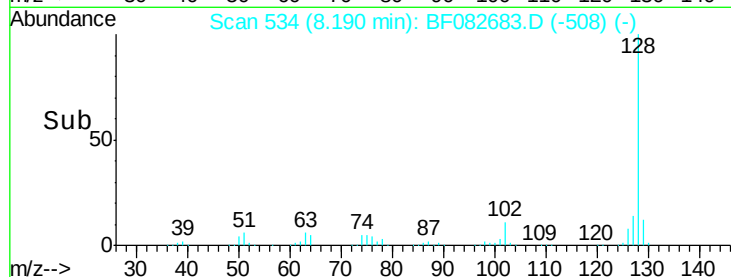
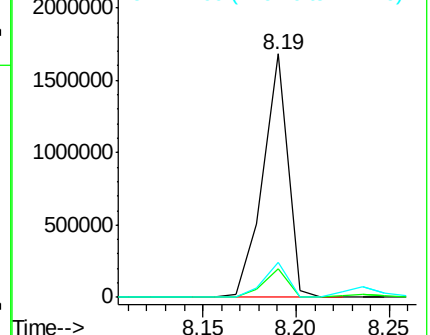
127 14.2 11.4 17.0



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: 36.07 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

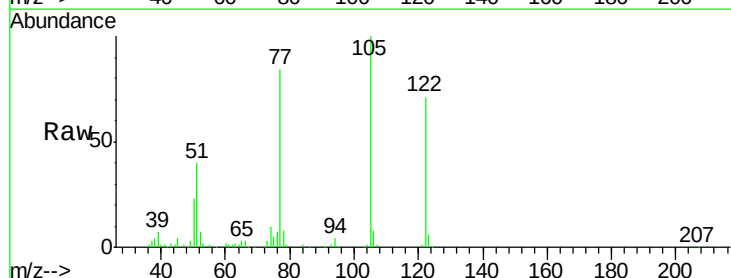
Tgt Ion:122 Resp: 318174

Ion Ratio Lower Upper

122 100

105 141.7 122.6 162.6

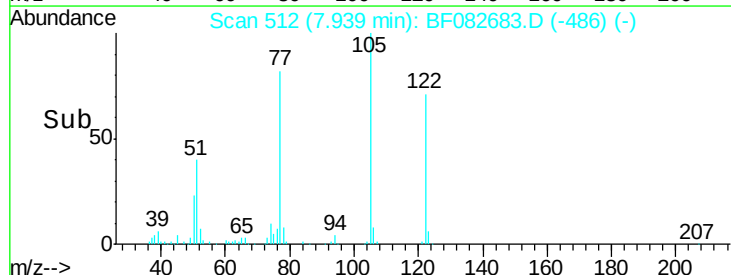
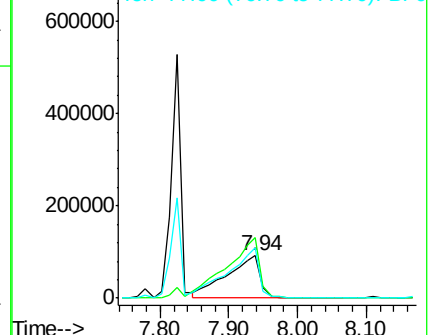
77 119.0 100.9 140.9

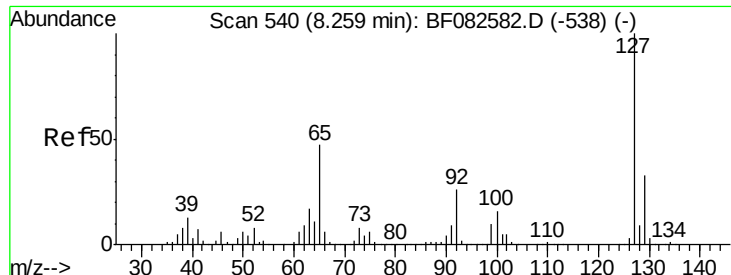


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

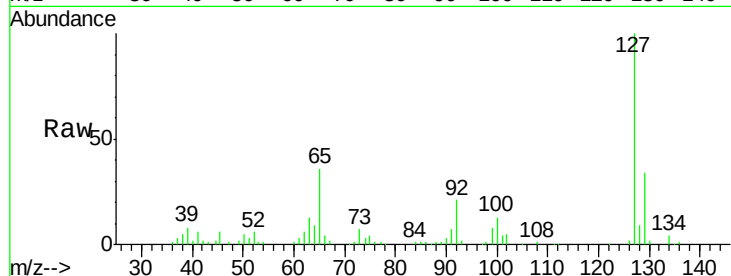




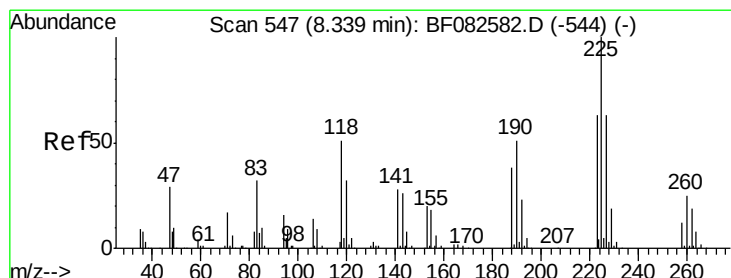
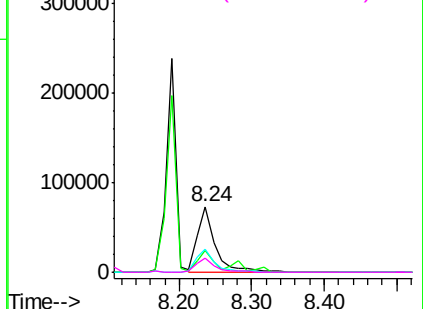
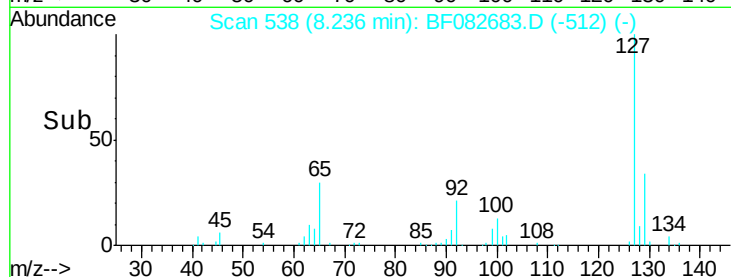
#33
4-Chloroaniline
Concen: 7.94 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

Tgt Ion:	127	Resp:	126419
Ion Ratio	Lower	Upper	
127	100		
129	33.8	26.3	39.5
65	35.9	37.8	56.8#
92	20.5	20.6	31.0#

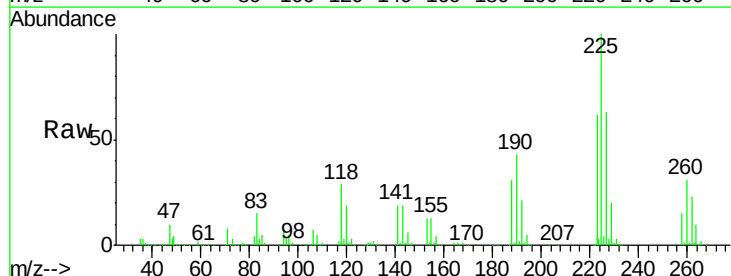


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

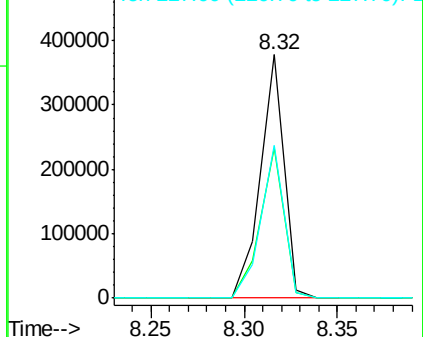
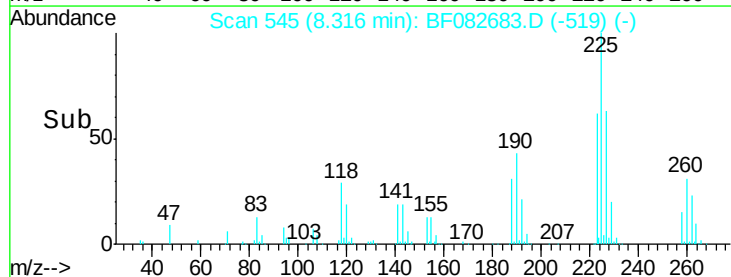


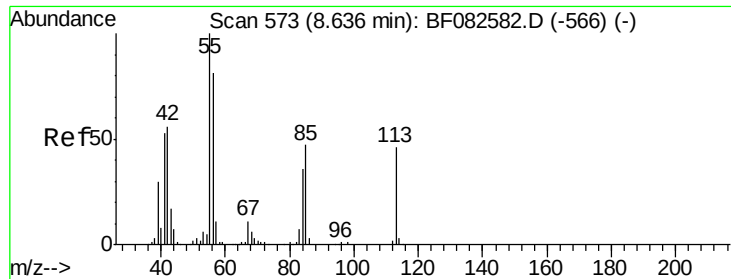
#34
Hexachlorobutadiene
Concen: 42.26 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion:	225	Resp:	330615
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.5	75.7
227	62.9	50.2	75.2



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

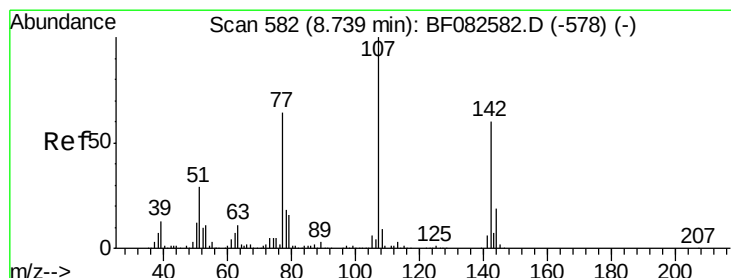
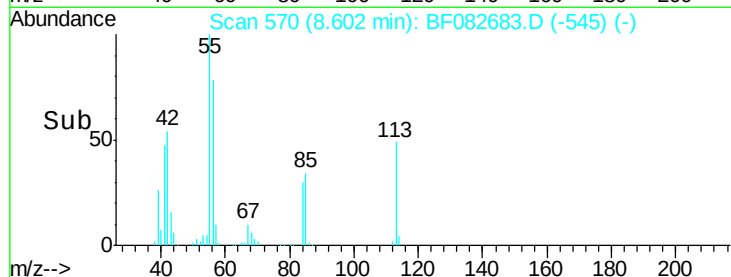
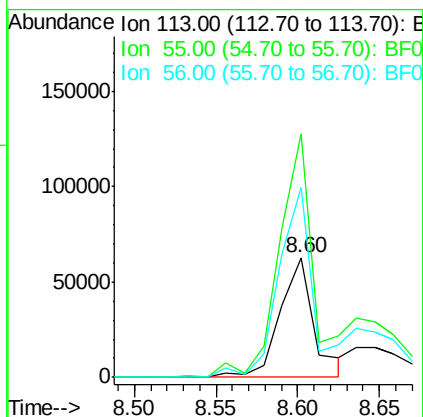
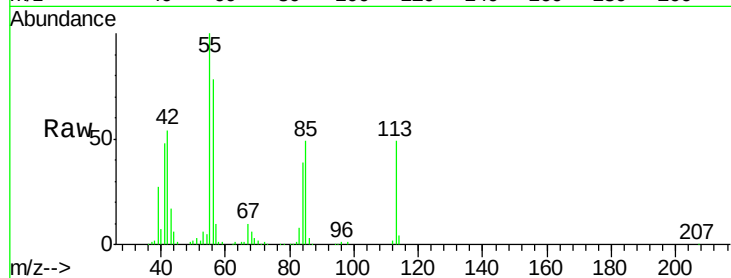




#35
 Caprolactam
 Concen: 26.66 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

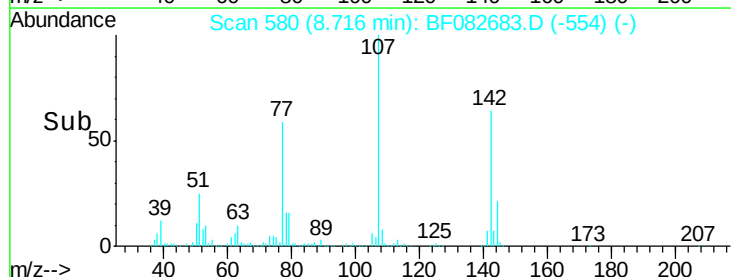
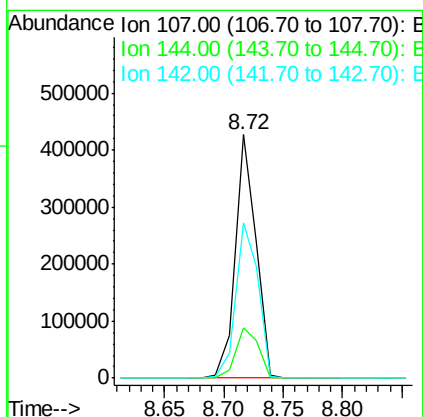
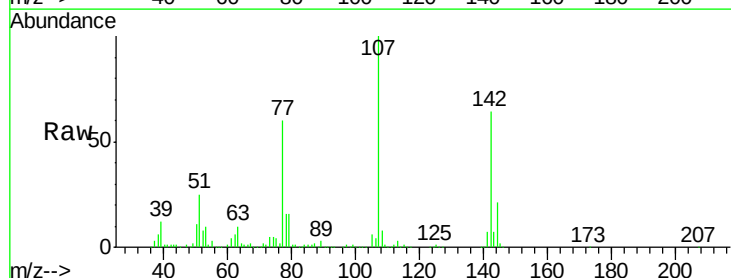
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

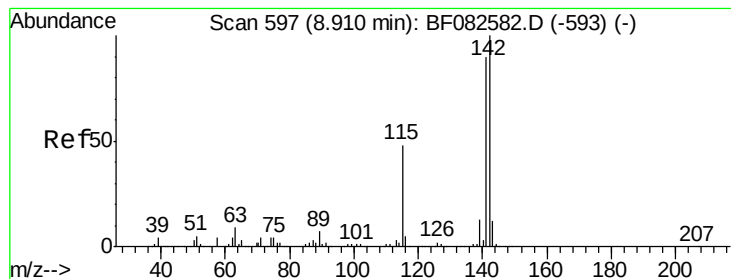
Tgt Ion:113 Resp: 90644
 Ion Ratio Lower Upper
 113 100
 55 203.7 195.5 235.5
 56 159.3 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.52 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:107 Resp: 515794
 Ion Ratio Lower Upper
 107 100
 144 20.7 15.4 23.0
 142 63.8 47.8 71.8

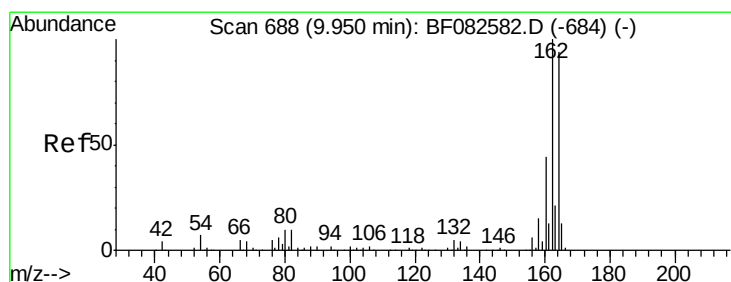
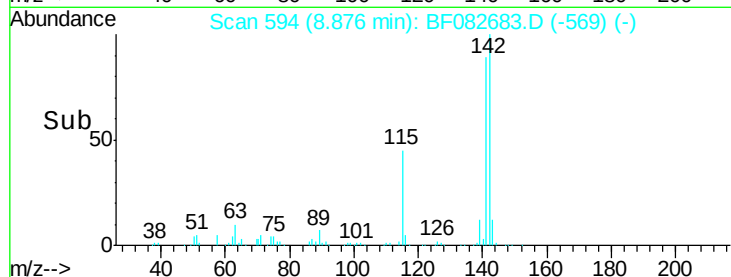
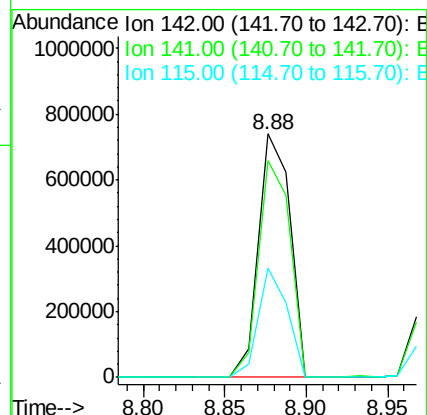
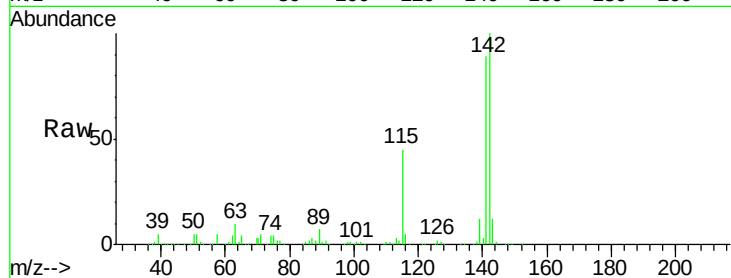




#37
 2-Methylnaphthalene
 Concen: 41.31 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

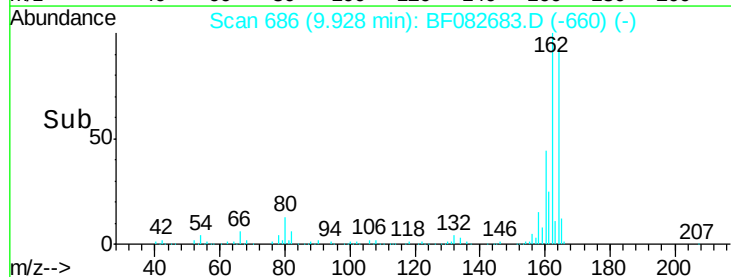
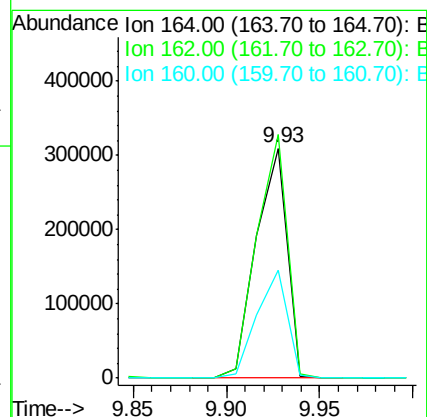
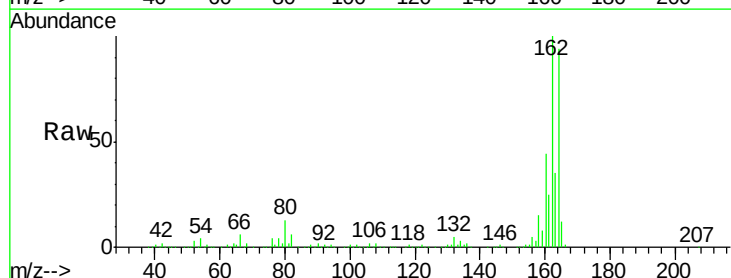
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

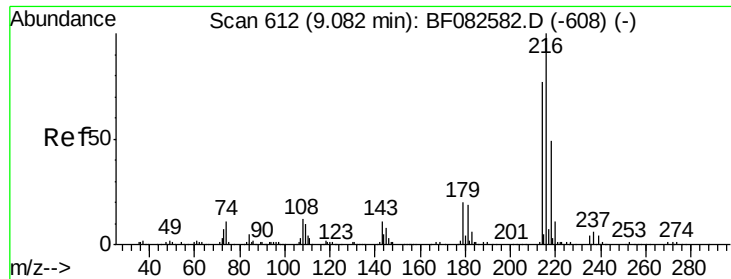
Tgt Ion:142 Resp: 997981
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.3 108.5
 115 45.0 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:164 Resp: 354871
 Ion Ratio Lower Upper
 164 100
 162 106.0 84.9 127.3
 160 46.9 37.5 56.3

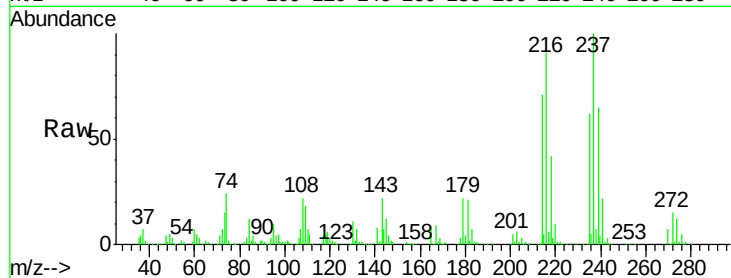




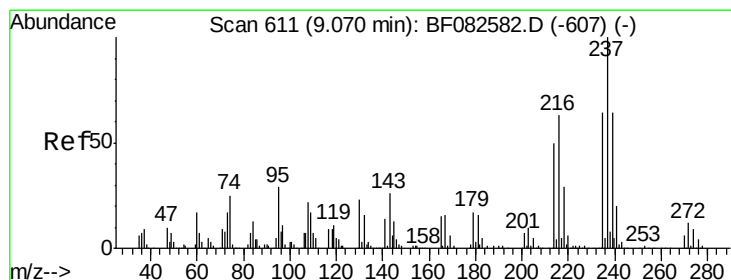
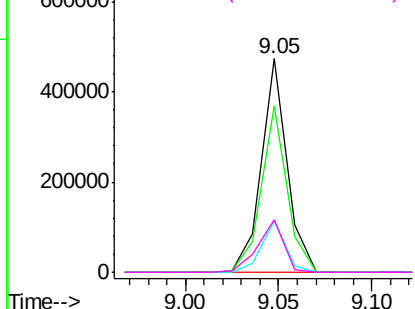
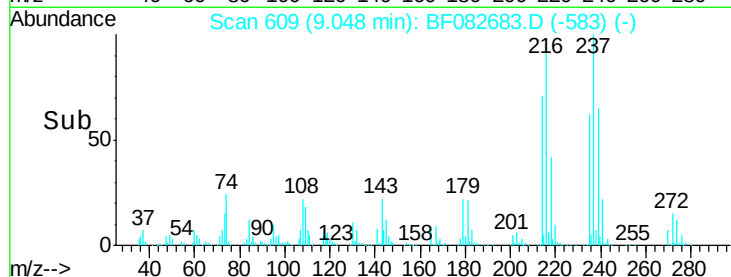
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.56 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tgt Ion:	216	Resp:	456583
Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.2	93.2
179	22.5	18.1	27.1
108	24.6	16.6	25.0

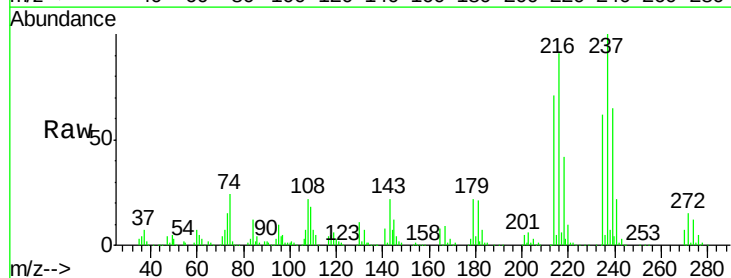


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

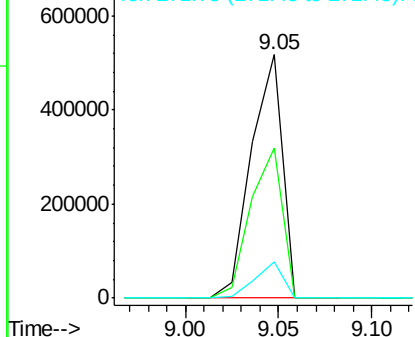
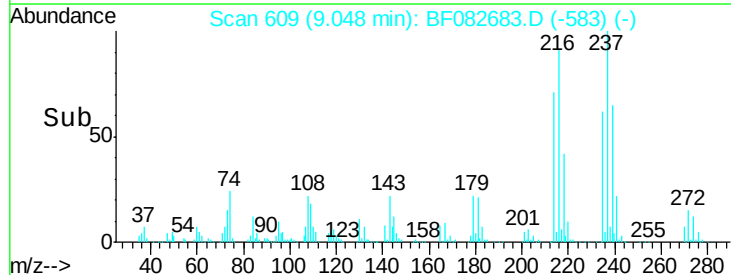


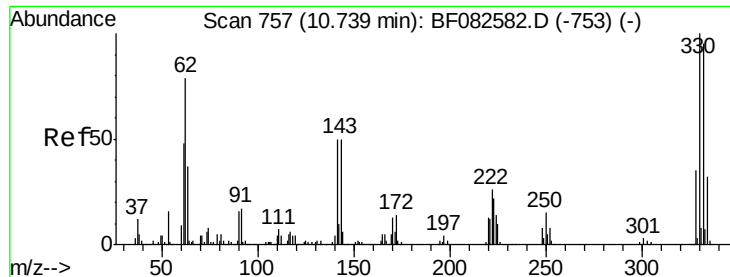
#40
 Hexachlorocyclopentadiene
 Concen: 81.66 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:	237	Resp:	607941
Ion	Ratio	Lower	Upper
237	100		
235	61.8	44.3	84.3
272	15.0	0.0	31.9



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

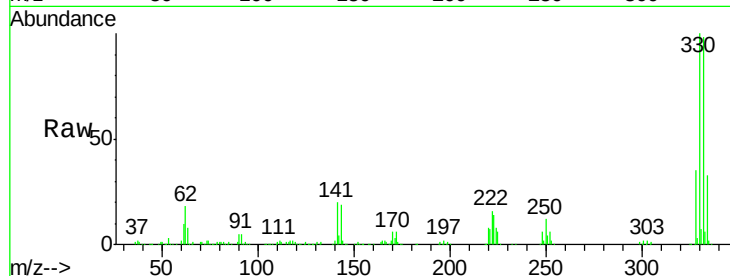




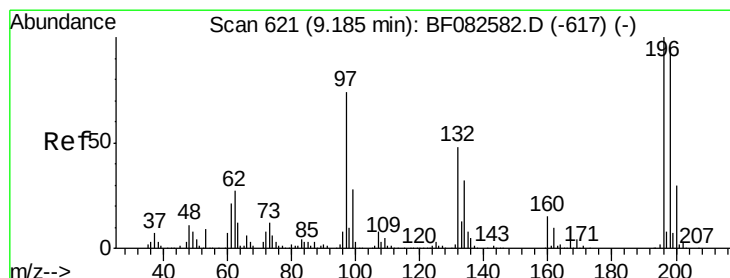
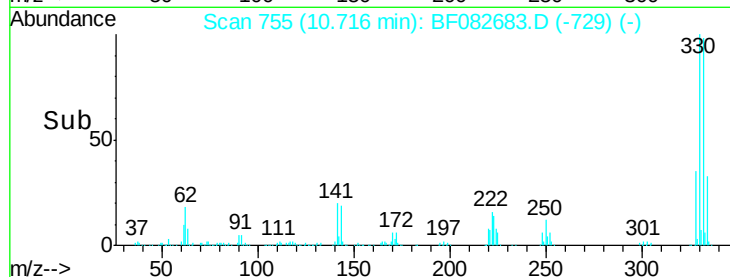
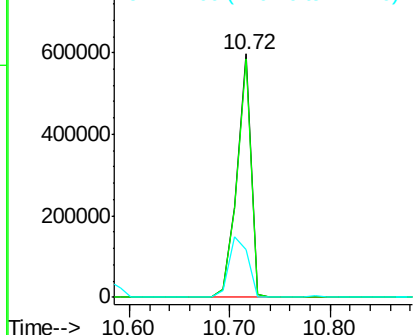
#41
 2,4,6-Tribromophenol
 Concen: 149.59 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tgt Ion:330 Resp: 580976
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 34.2 41.2 61.8#

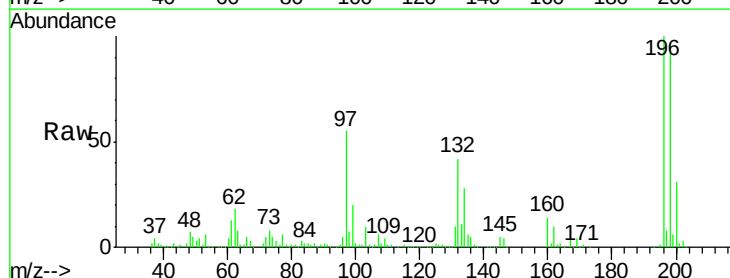


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

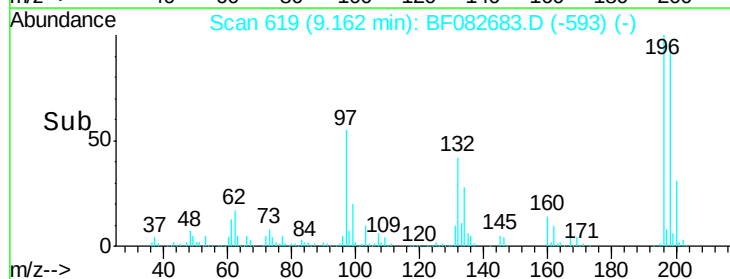
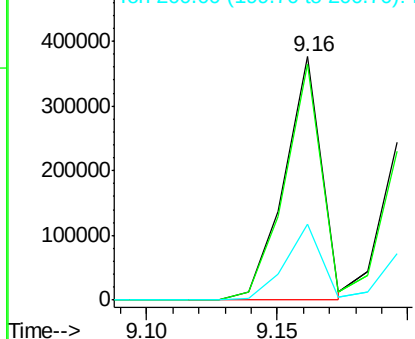


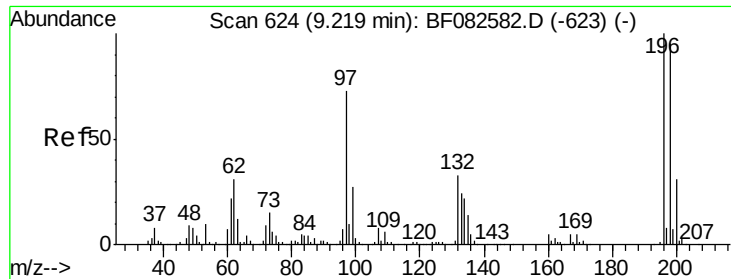
#42
 2,4,6-Trichlorophenol
 Concen: 43.31 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:196 Resp: 370324
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.3 114.5
 200 31.4 23.9 35.9



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

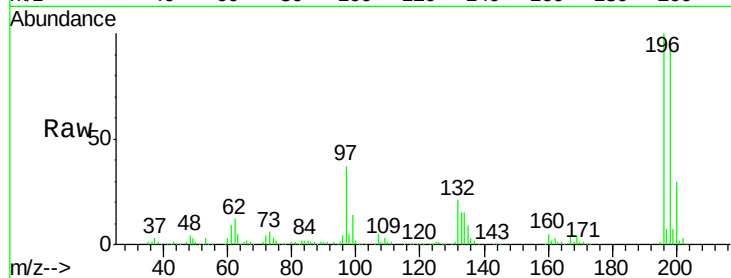




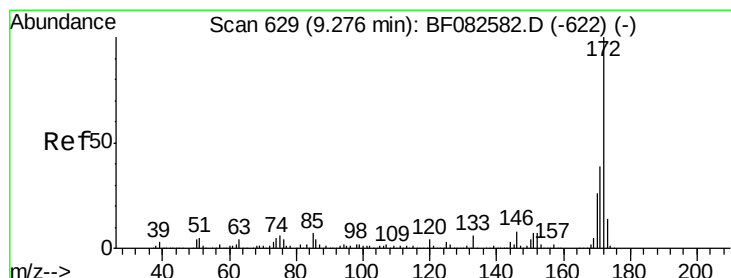
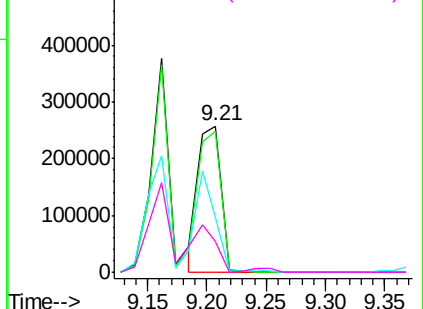
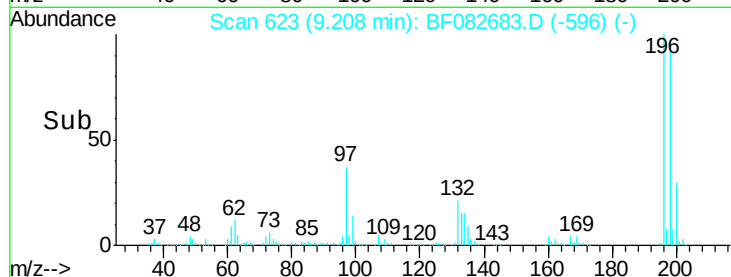
#43
 2,4,5-Trichlorophenol
 Concen: 40.99 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tgt Ion:196 Resp: 349176
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.8 113.8
 97 37.4 62.3 93.5#
 132 21.2 27.4 41.2#

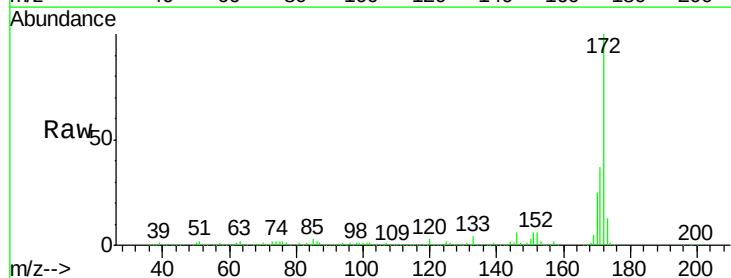


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

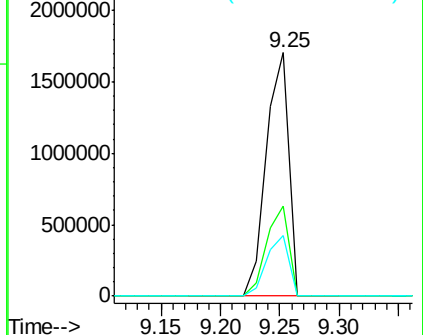
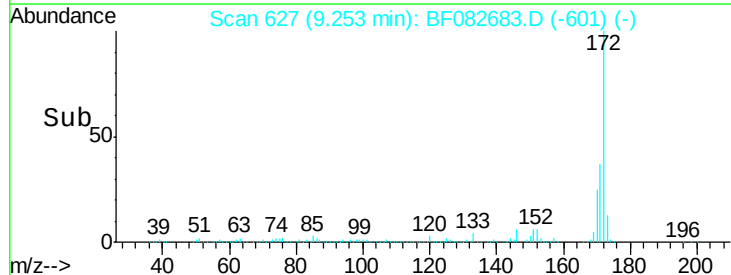


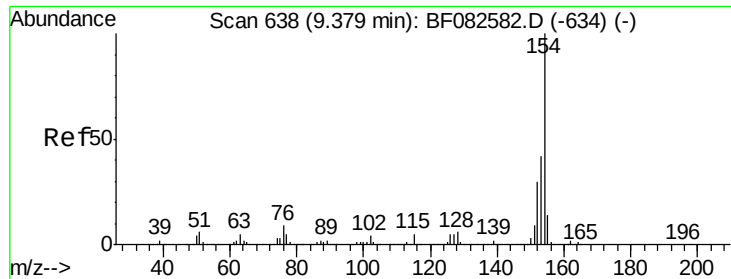
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:172 Resp: 2253335
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 24.8 21.2 31.8



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

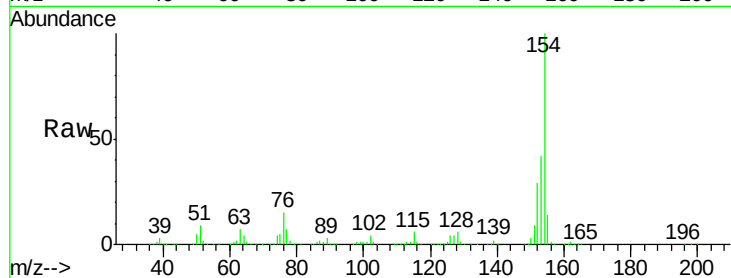




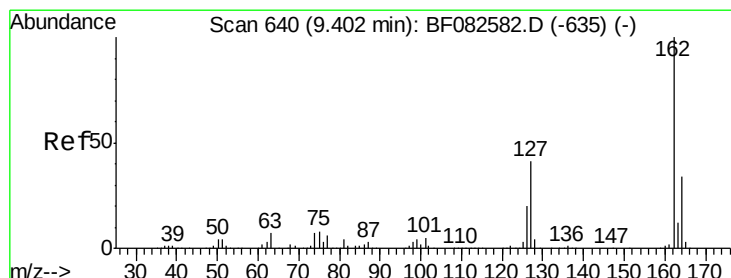
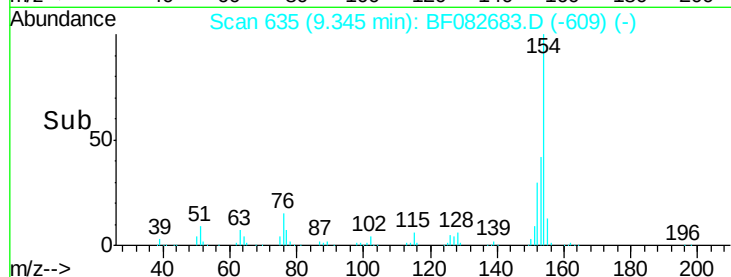
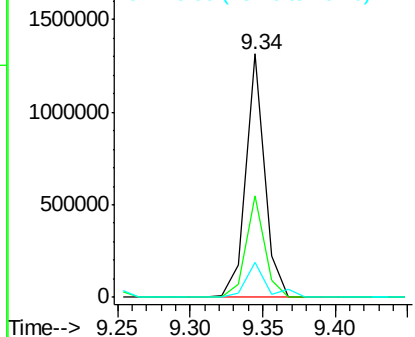
#45
 1,1'-Biphenyl
 Concen: 39.37 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tgt Ion:154 Resp: 1180123
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.0 62.0
 76 14.6 0.0 29.0

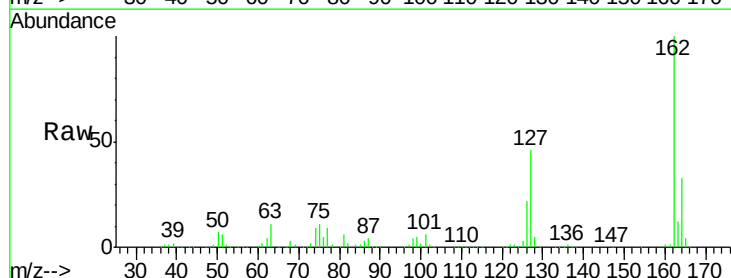


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

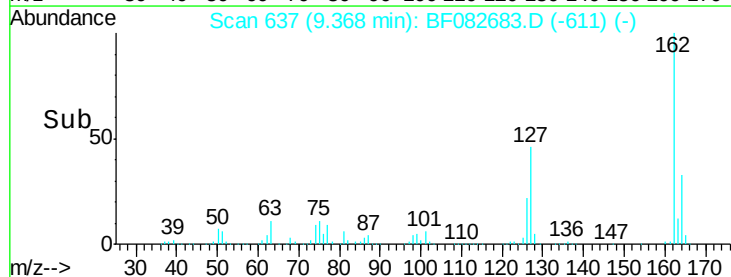
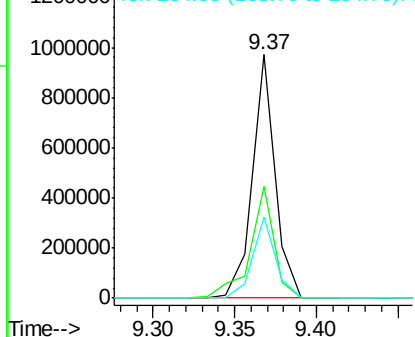


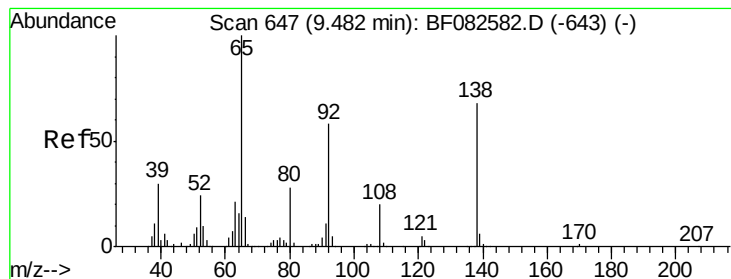
#46
 2-Chloronaphthalene
 Concen: 40.03 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:162 Resp: 936946
 Ion Ratio Lower Upper
 162 100
 127 45.8 32.7 49.1
 164 33.4 27.4 41.0



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: 38.64 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

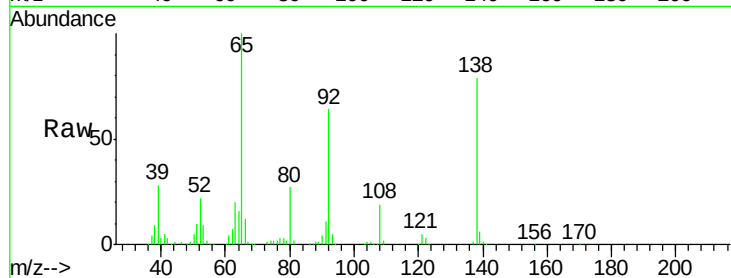
Tgt Ion: 65 Resp: 351615

Ion Ratio Lower Upper

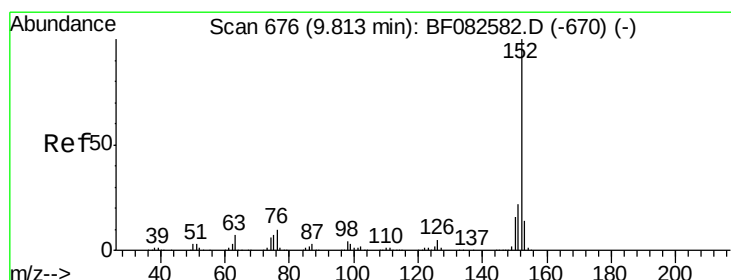
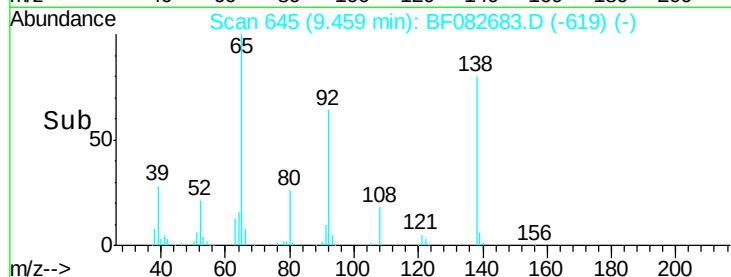
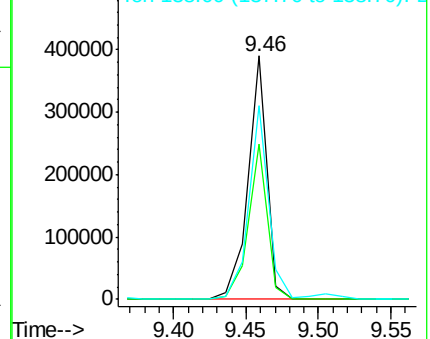
65 100

92 63.8 46.6 70.0

138 79.3 54.6 81.8



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



#48

Acenaphthylene

Concen: 42.42 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

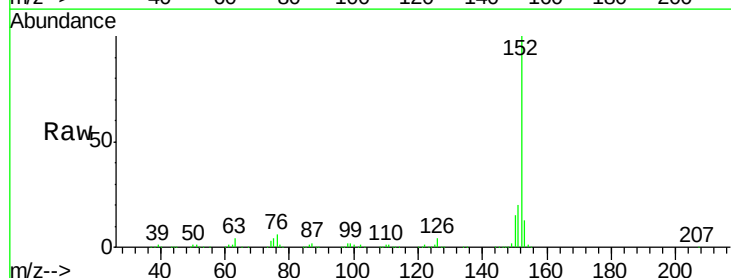
Tgt Ion: 152 Resp: 1588296

Ion Ratio Lower Upper

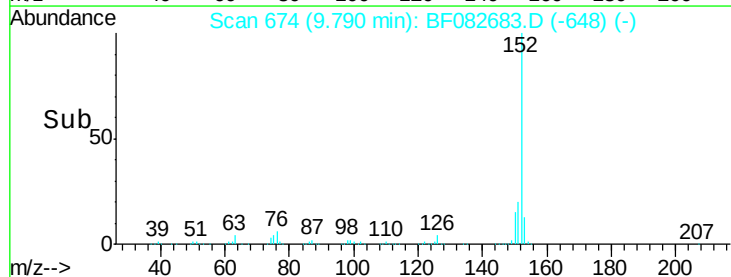
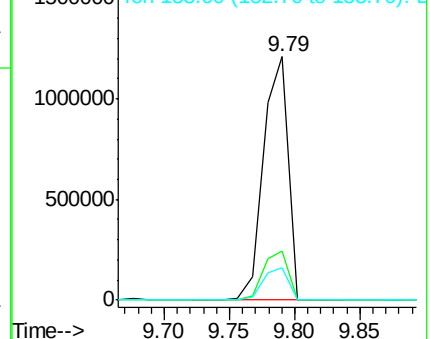
152 100

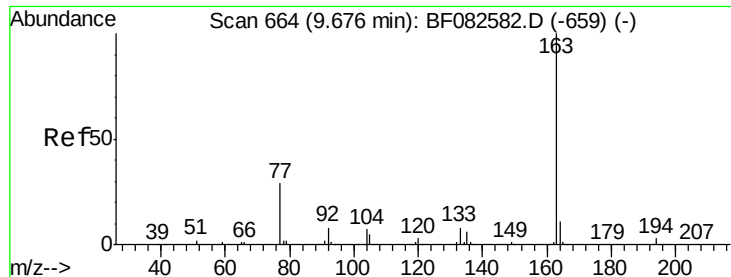
151 20.3 17.3 25.9

153 13.1 11.3 16.9



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

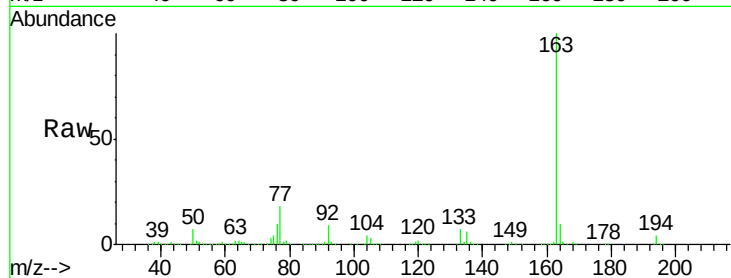




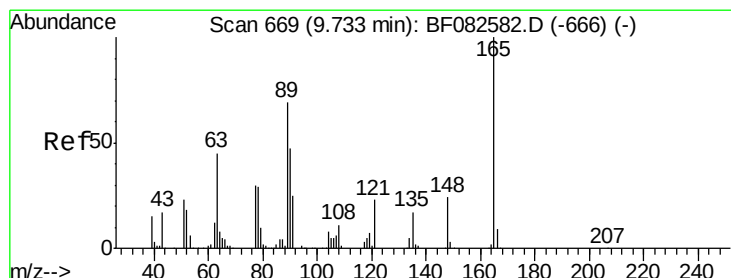
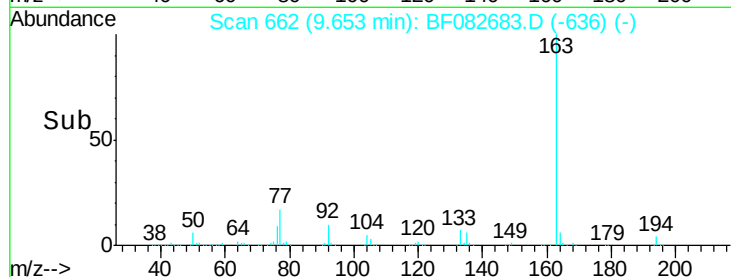
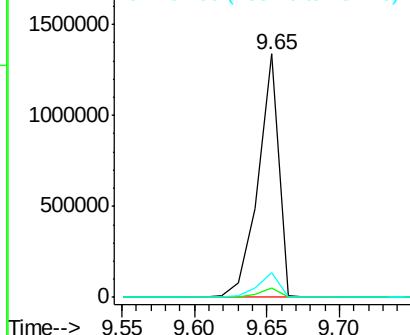
#49
Dimethylphthalate
Concen: 45.59 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

Tgt Ion:163 Resp: 1321379
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.2 8.7 13.1

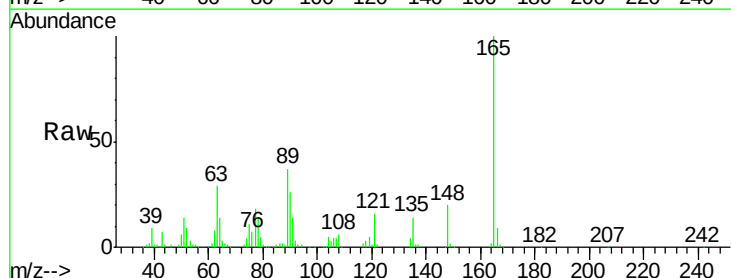


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

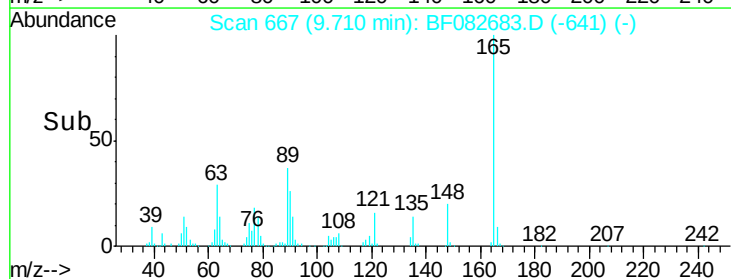
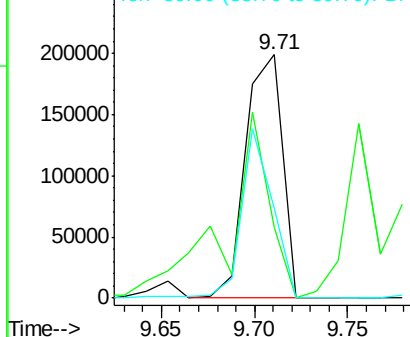


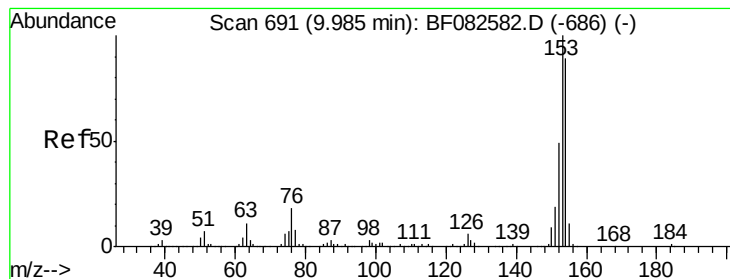
#50
2,6-Dinitrotoluene
Concen: 44.92 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion:165 Resp: 269823
Ion Ratio Lower Upper
165 100
63 29.2 55.5 83.3#
89 36.9 55.0 82.6#



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: 47.70 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

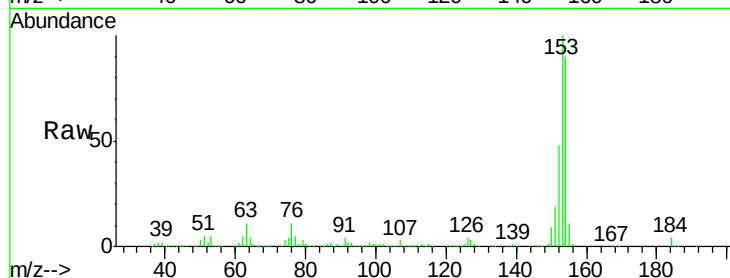
Tgt Ion:154 Resp: 1133772

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

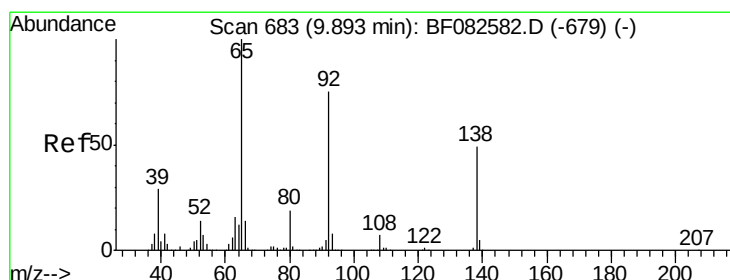
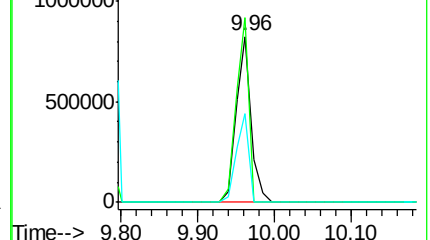
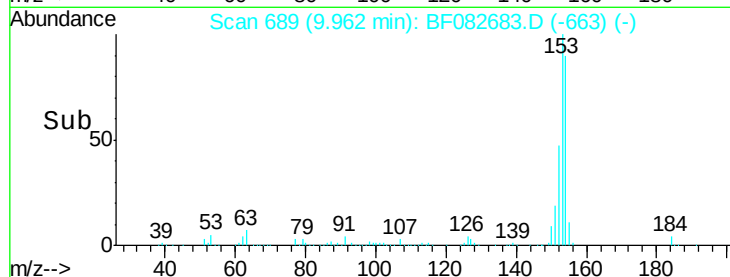
152 53.3 44.3 66.5



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: 22.34 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

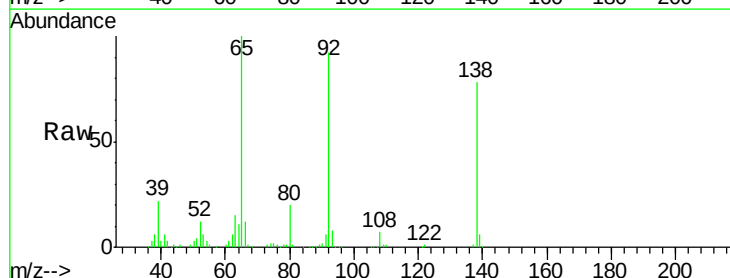
Tgt Ion:138 Resp: 149278

Ion Ratio Lower Upper

138 100

108 9.6 11.3 16.9#

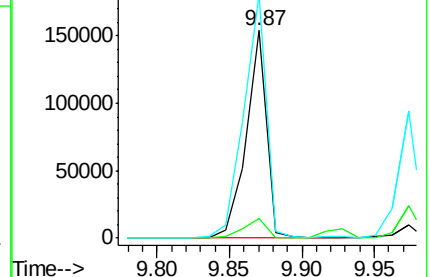
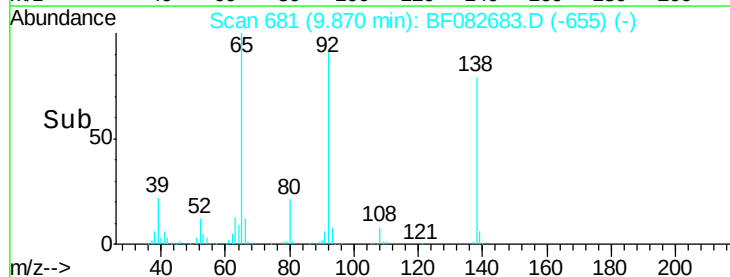
92 117.3 122.4 183.6#

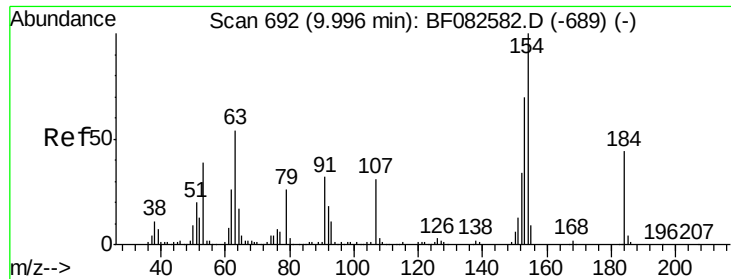


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

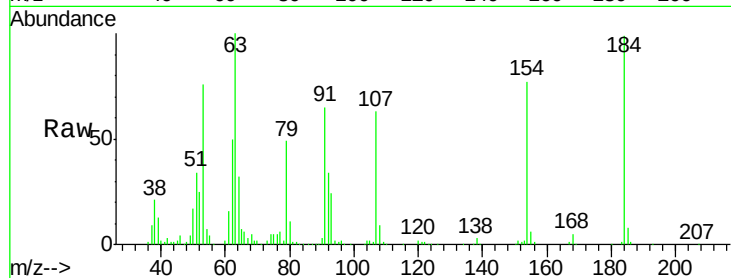




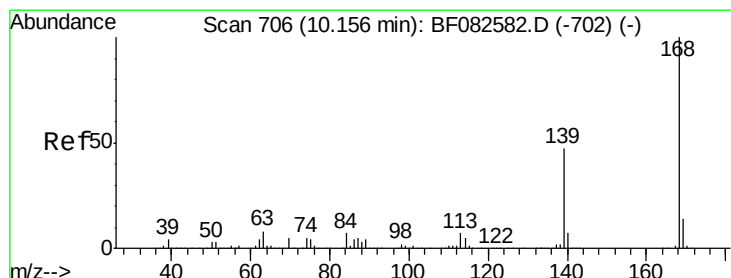
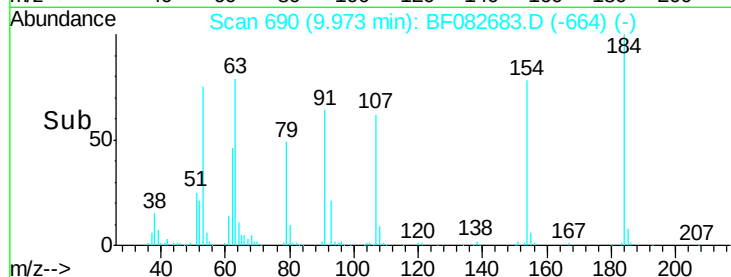
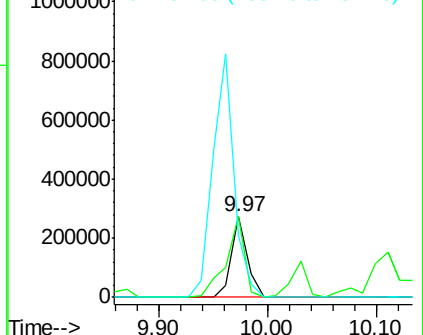
#53
2,4-Dinitrophenol
Concen: 85.14 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

Tgt Ion:184 Resp: 273941
Ion Ratio Lower Upper
184 100
63 100.7 98.6 148.0
154 77.6 183.9 275.9#

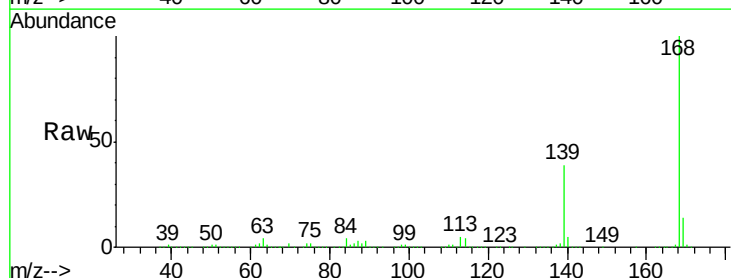


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

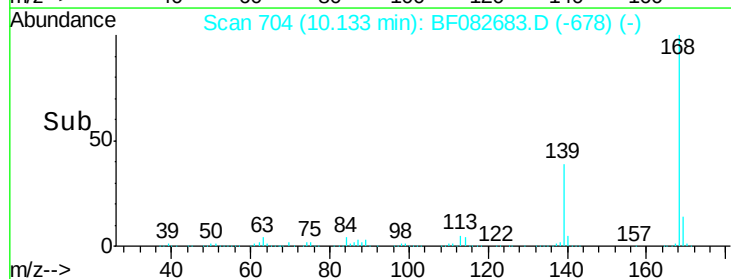
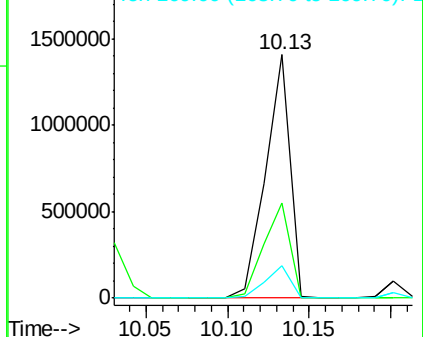


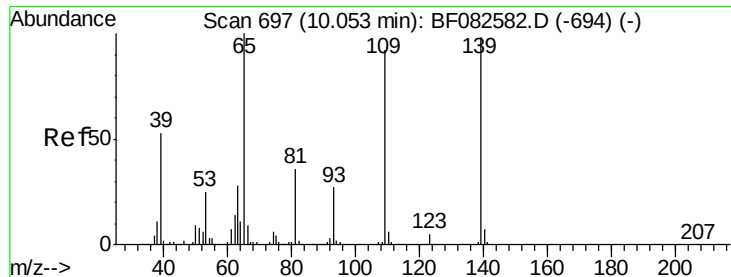
#54
Dibenzofuran
Concen: 45.34 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion:168 Resp: 1462099
Ion Ratio Lower Upper
168 100
139 39.2 37.8 56.6
169 13.5 11.3 16.9



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: 68.23 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

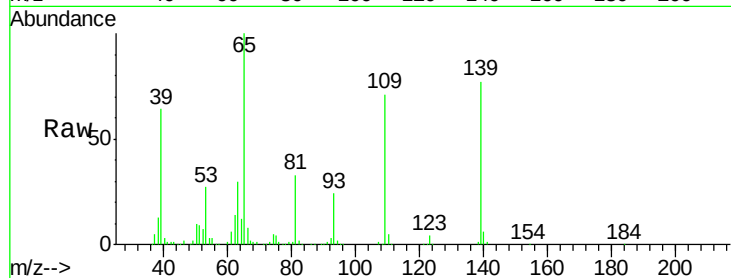
Tgt Ion:139 Resp: 343082

Ion Ratio Lower Upper

139 100

109 92.8 73.7 113.7

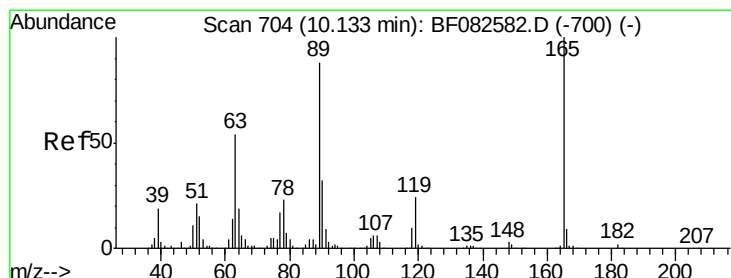
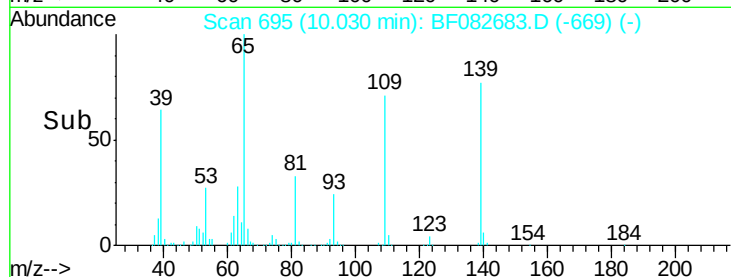
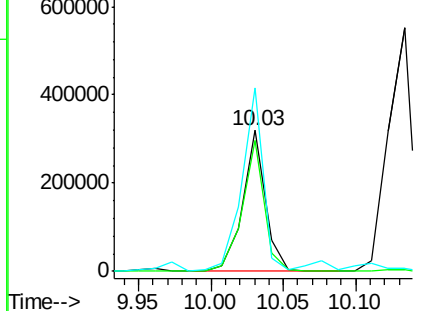
65 130.4 82.9 122.9#



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: 49.77 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Tgt Ion:165 Resp: 404273

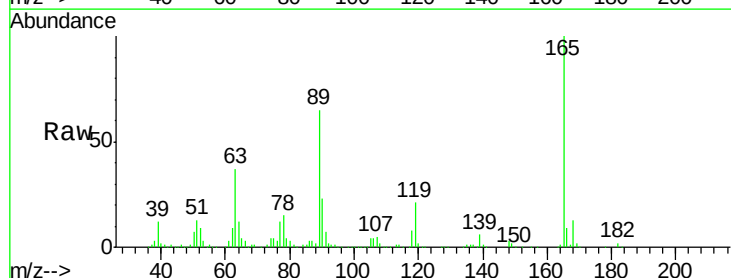
Ion Ratio Lower Upper

165 100

63 37.1 43.4 65.0#

89 65.0 70.6 106.0#

182 2.3 1.5 2.3#

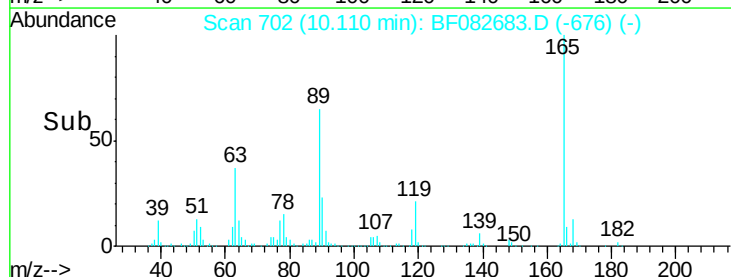
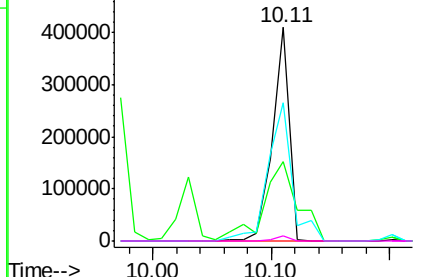


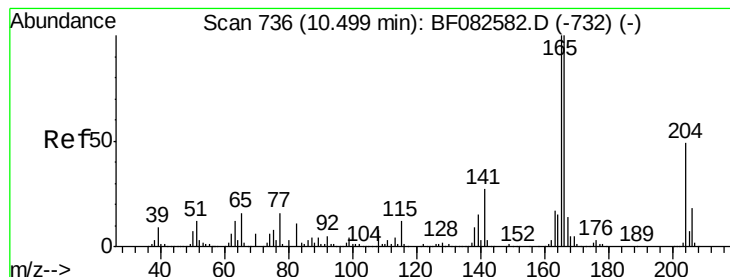
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.30 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

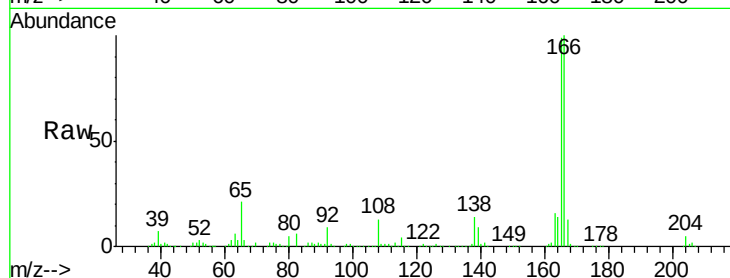
Tgt Ion:166 Resp: 1126348

Ion Ratio Lower Upper

166 100

165 99.1 80.2 120.4

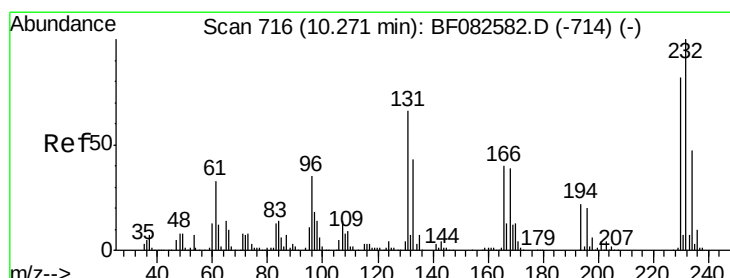
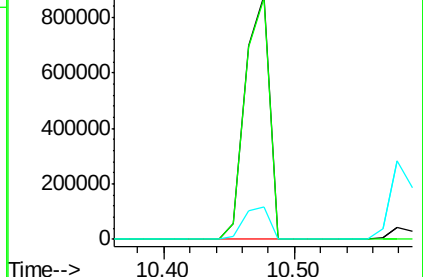
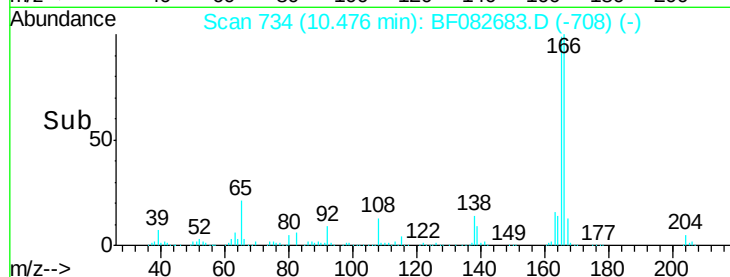
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.85 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Tgt Ion:232 Resp: 330139

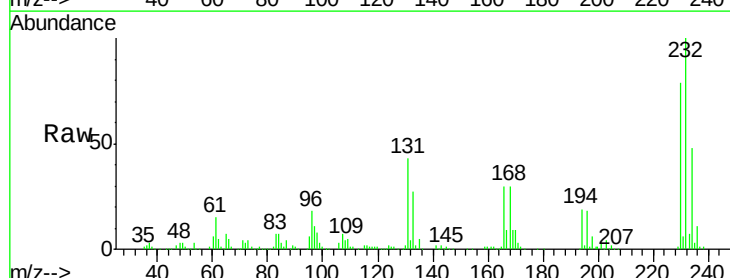
Ion Ratio Lower Upper

232 100

131 48.1 46.2 69.2

130 2.5 2.4 3.6

166 31.9 28.2 42.2

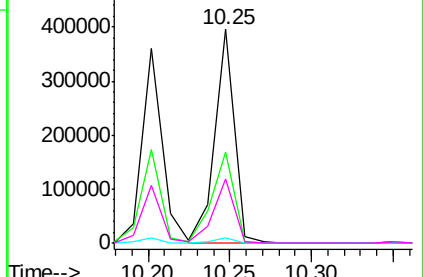
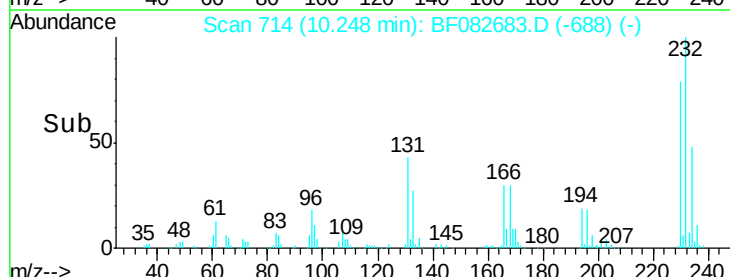


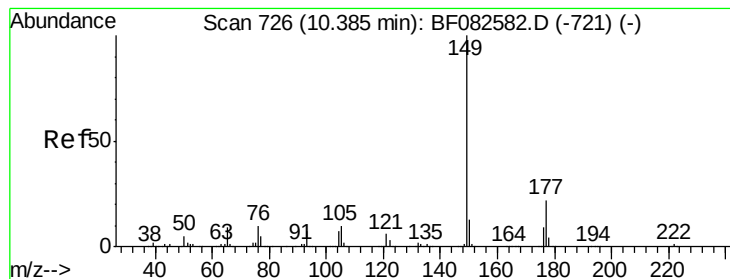
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.42 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

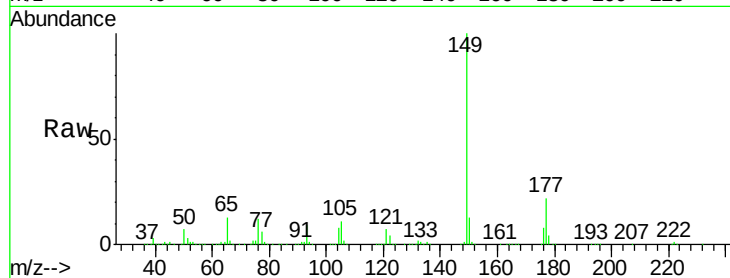
Tgt Ion:149 Resp: 1222215

Ion Ratio Lower Upper

149 100

177 21.8 17.9 26.9

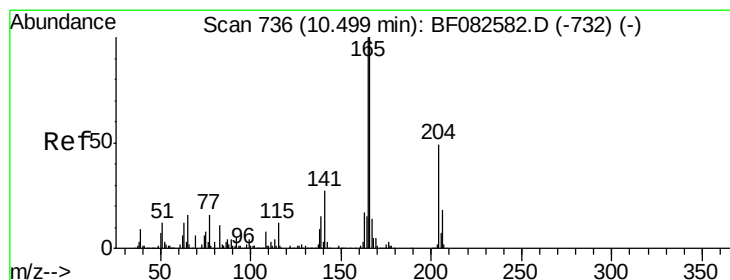
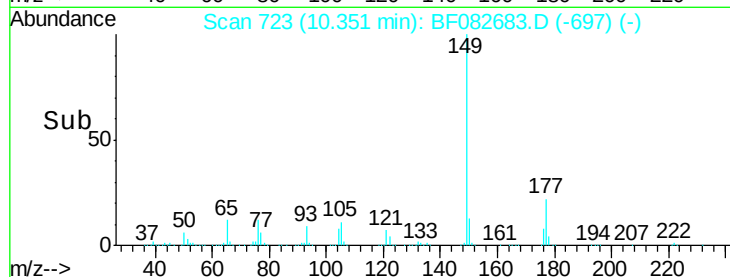
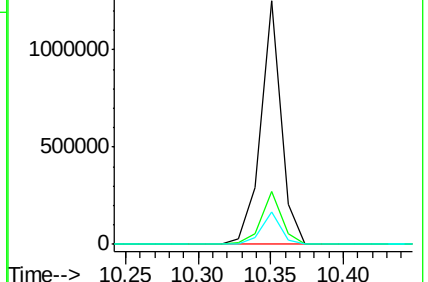
150 13.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.49 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

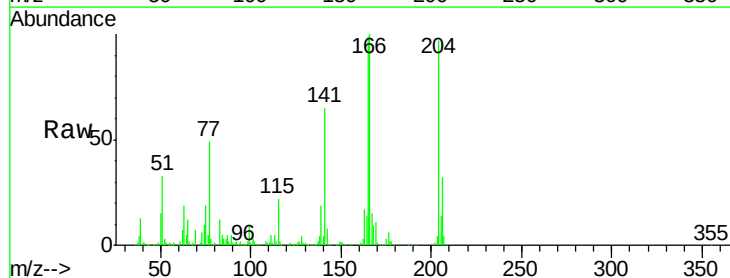
Tgt Ion:204 Resp: 549872

Ion Ratio Lower Upper

204 100

206 33.5 28.5 42.7

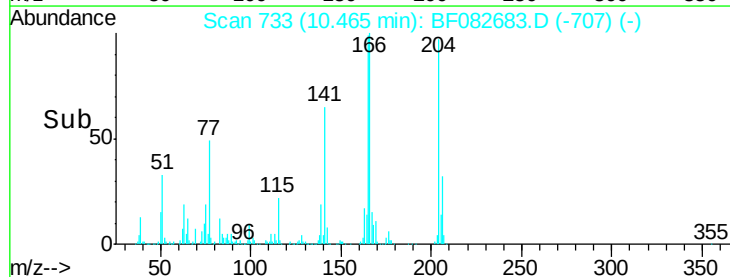
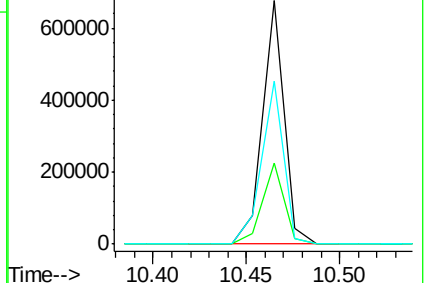
141 66.9 44.6 66.8#

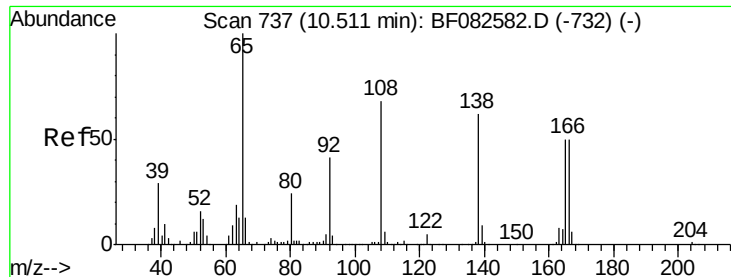


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

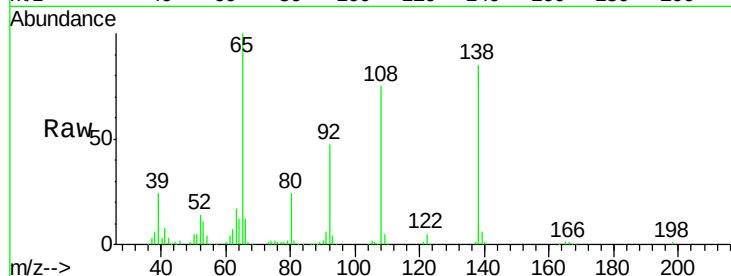




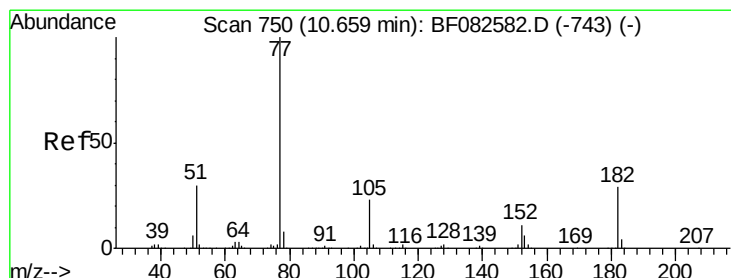
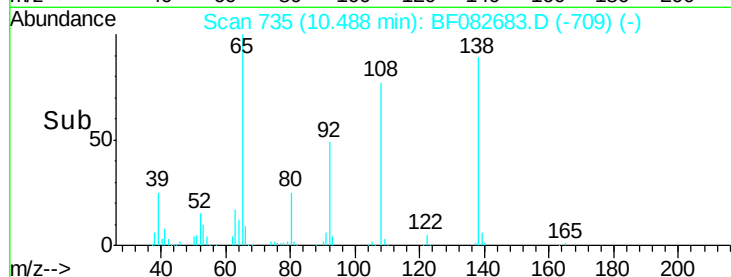
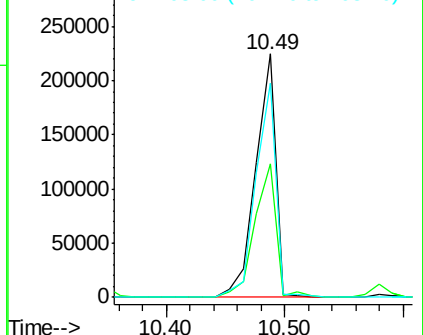
#61
4-Nitroaniline
Concen: 41.80 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

Tgt Ion:138 Resp: 266575
Ion Ratio Lower Upper
138 100
92 54.7 45.8 85.8
108 88.2 89.4 129.4#

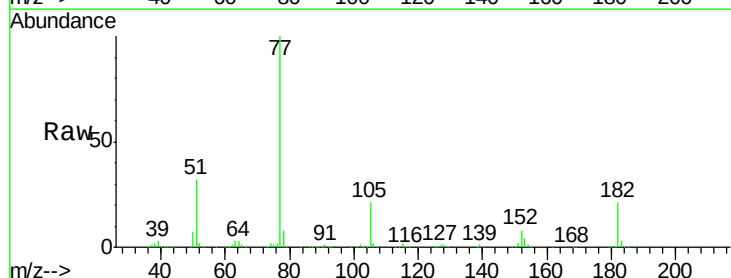


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

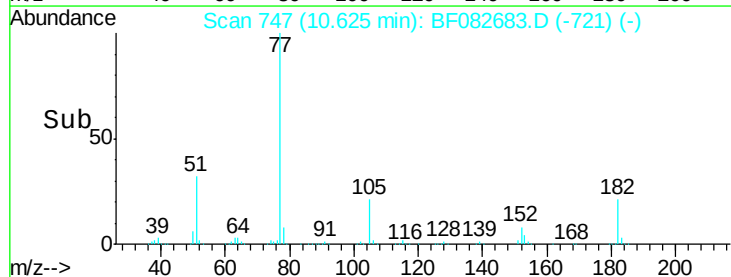
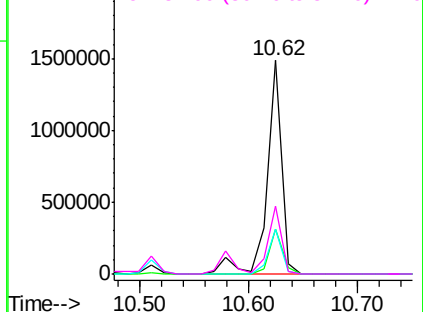


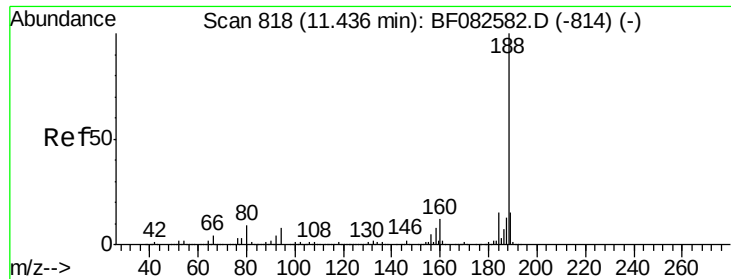
#62
Azobenzene
Concen: 42.66 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion: 77 Resp: 1419355
Ion Ratio Lower Upper
77 100
182 21.1 9.3 49.3
105 21.2 2.6 42.6
51 31.7 9.9 49.9



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: 11.40 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

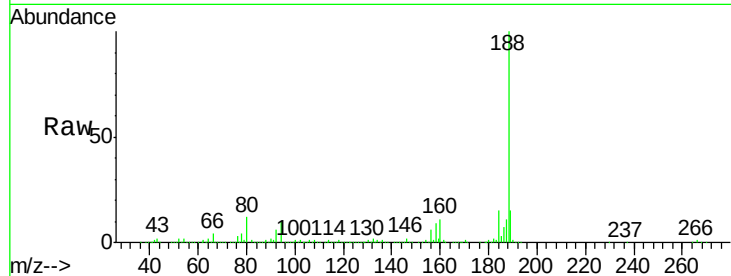
Tgt Ion:188 Resp: 638283

Ion Ratio Lower Upper

188 100

94 10.2 6.1 9.1#

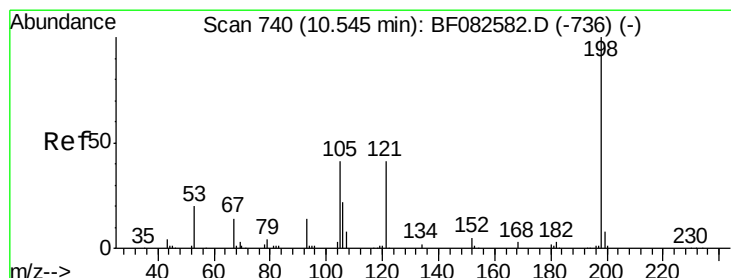
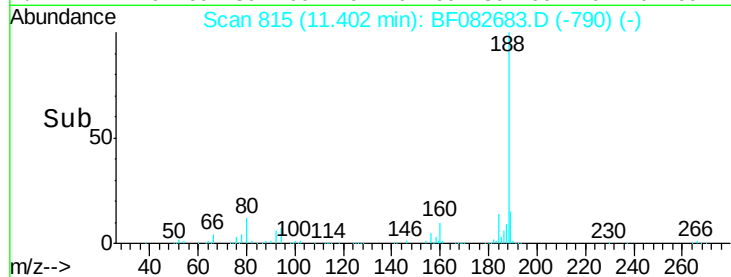
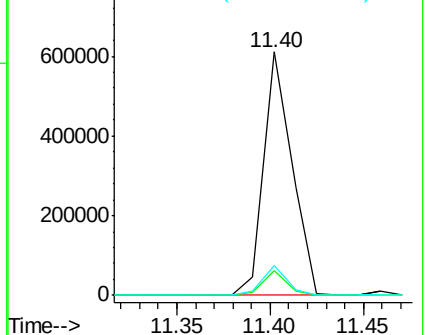
80 12.1 7.0 10.6#



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: 50.02 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

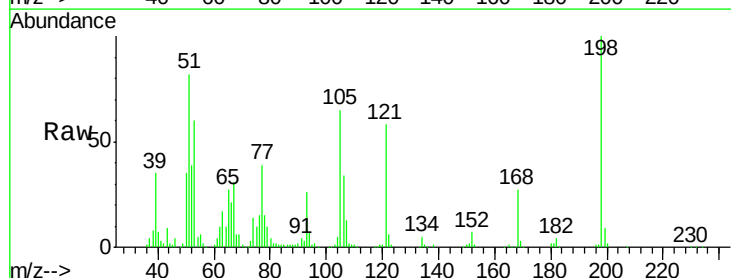
Tgt Ion:198 Resp: 192557

Ion Ratio Lower Upper

198 100

51 81.6 17.3 57.3#

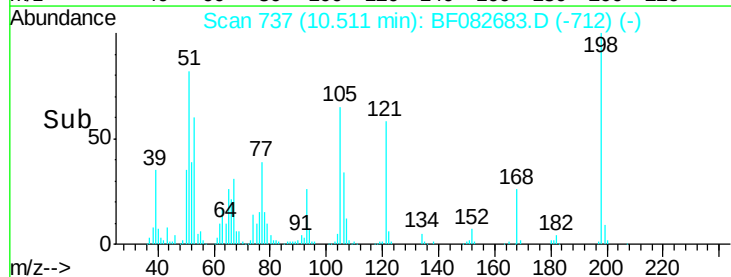
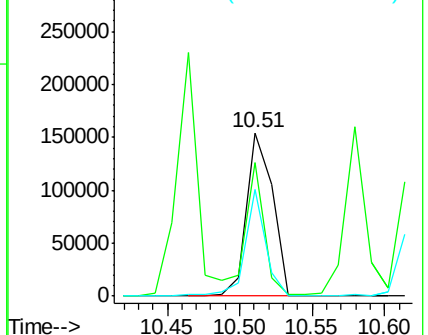
105 65.0 21.7 61.7#

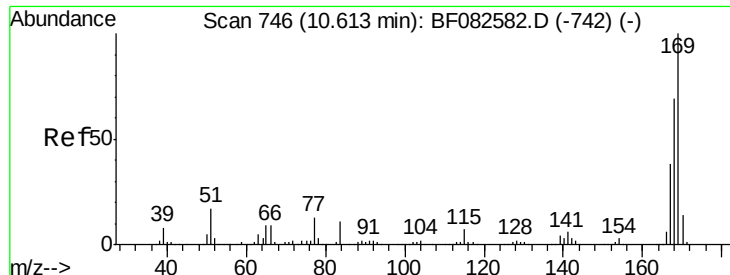


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

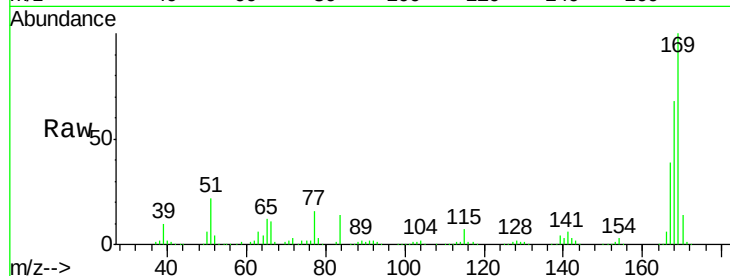




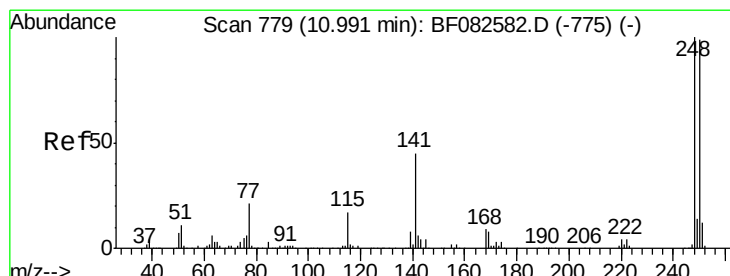
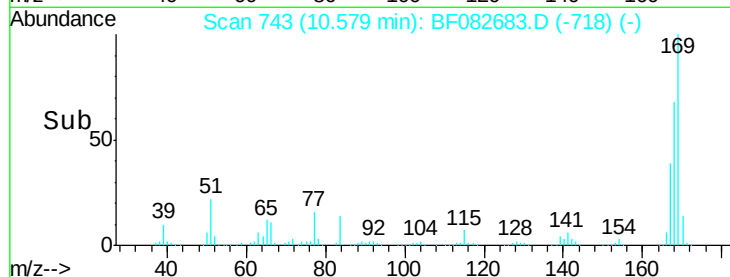
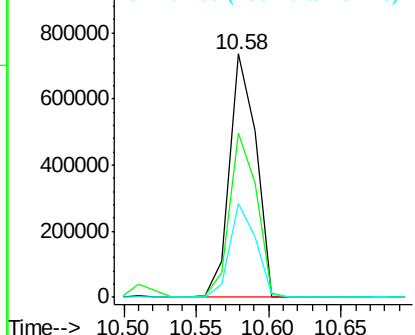
#65
 n-Nitrosodiphenylamine
 Concen: 42.52 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tgt Ion:169 Resp: 933029
 Ion Ratio Lower Upper
 169 100
 168 67.6 55.0 82.6
 167 38.5 30.5 45.7

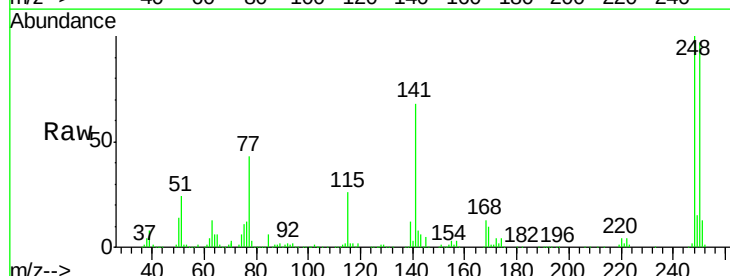


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

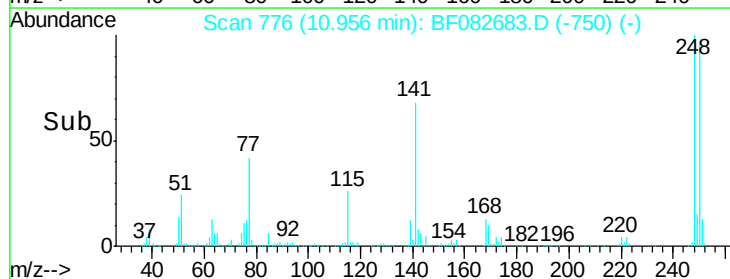
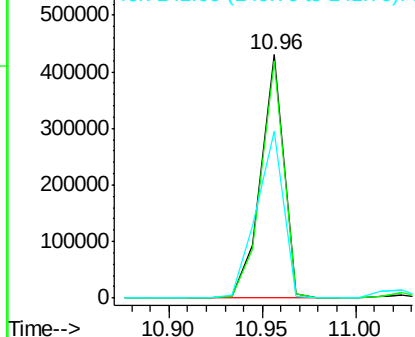


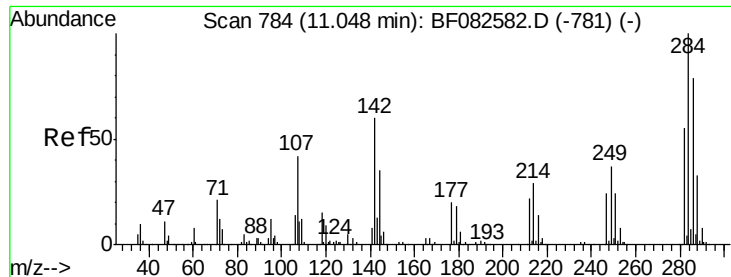
#66
 4-Bromophenyl-phenylether
 Concen: 50.70 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:248 Resp: 366747
 Ion Ratio Lower Upper
 248 100
 250 97.4 79.4 119.2
 141 68.5 36.3 54.5#



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

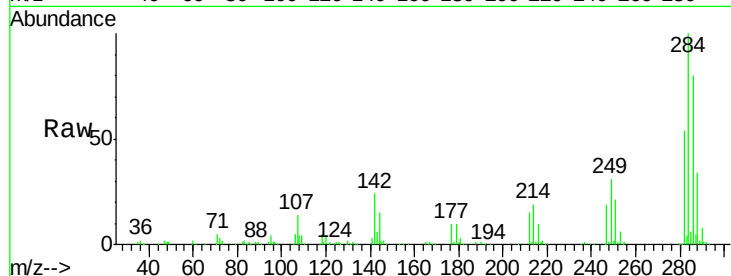




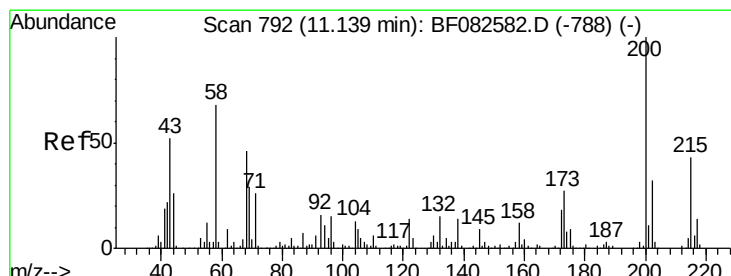
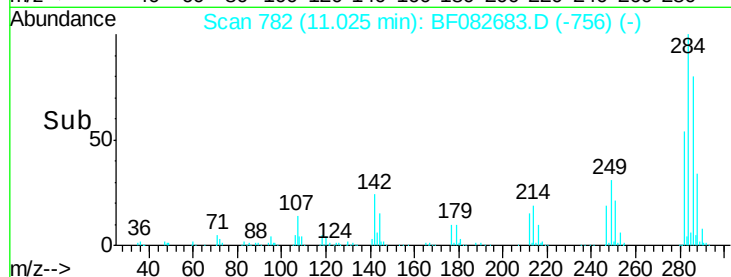
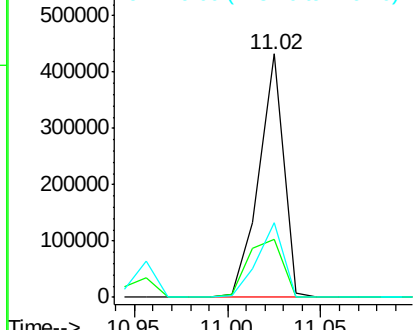
#67
Hexachlorobenzene
Concen: 49.43 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

Tgt Ion:284 Resp: 396421
Ion Ratio Lower Upper
284 100
142 24.1 47.9 71.9#
249 30.9 29.7 44.5

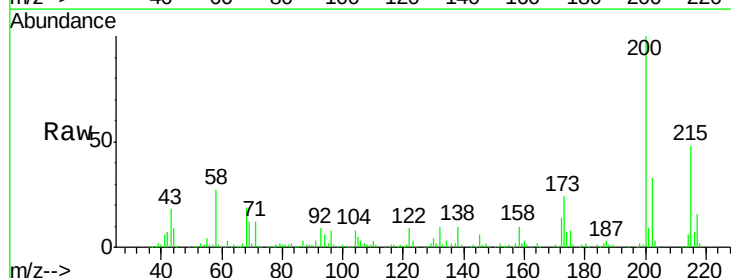


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

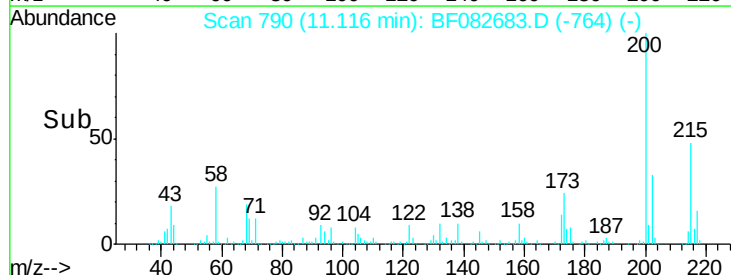
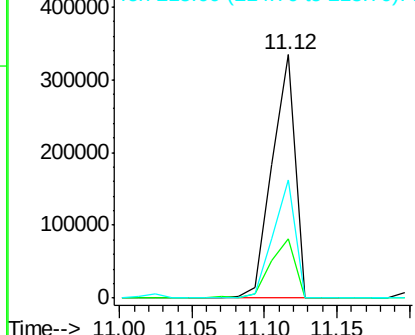


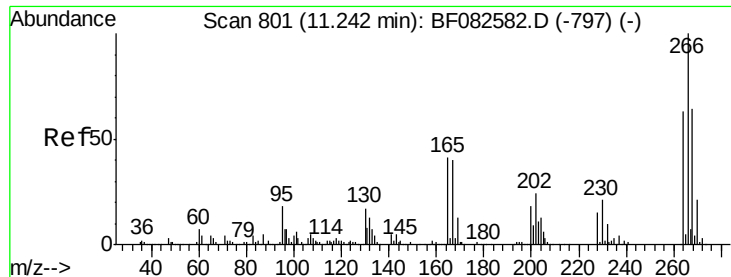
#68
Atrazine
Concen: 51.31 ng
RT: 11.12 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion:200 Resp: 368375
Ion Ratio Lower Upper
200 100
173 24.3 6.9 46.9
215 48.4 22.9 62.9



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

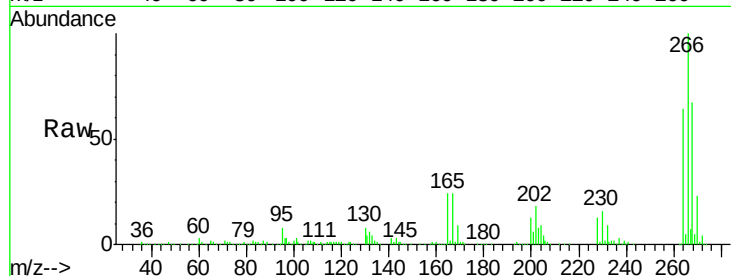




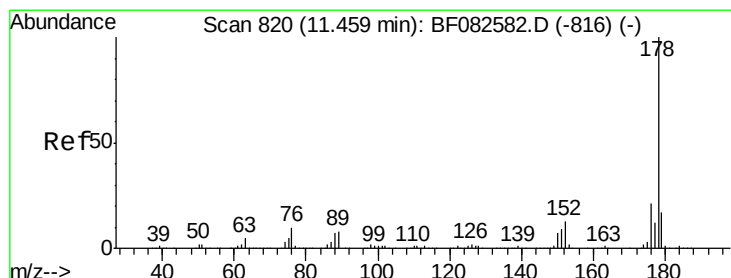
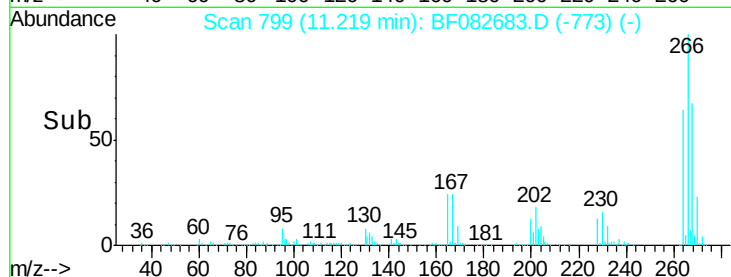
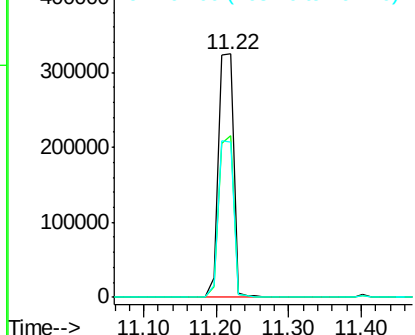
#69
 Pentachlorophenol
 Concen: 89.64 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tgt Ion:266 Resp: 474092
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.0 76.6
 264 63.8 50.6 75.8

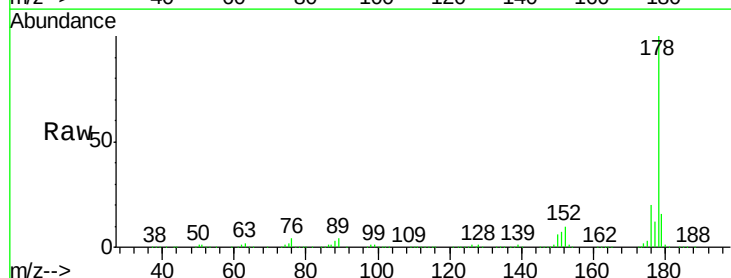


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

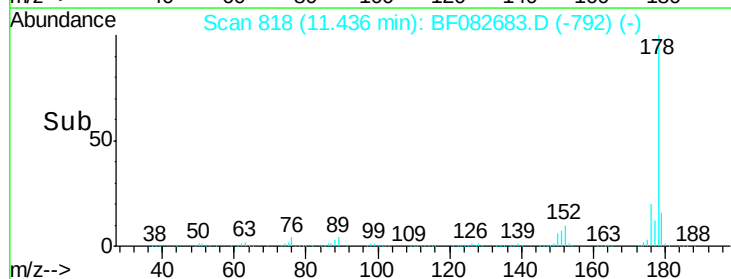
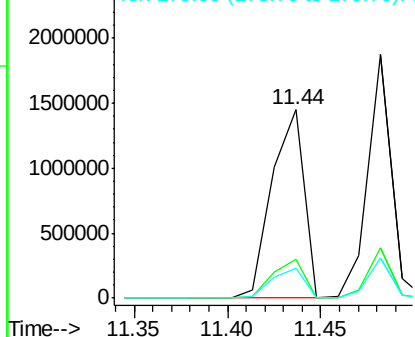


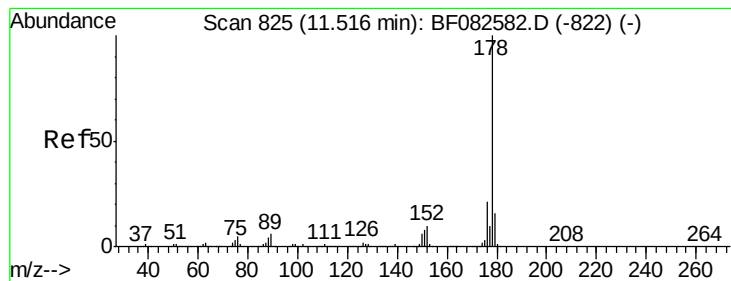
#70
 Phenanthrene
 Concen: 48.39 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:178 Resp: 1742078
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.0 25.4
 179 15.6 13.4 20.0



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: 44.78 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

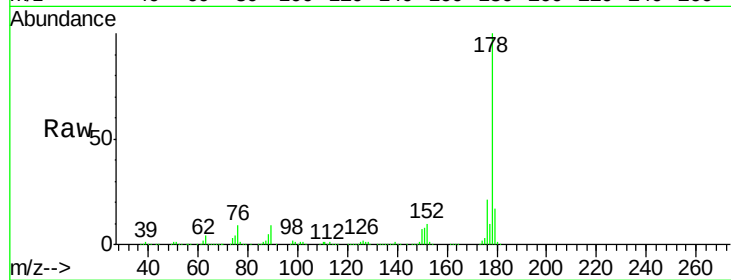
Tgt Ion:178 Resp: 1623020

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

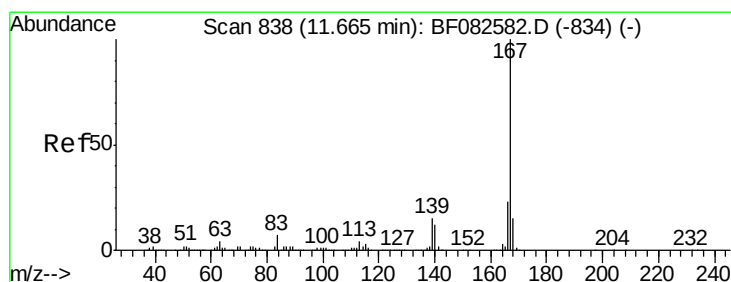
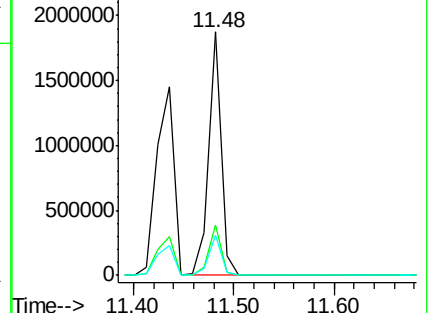
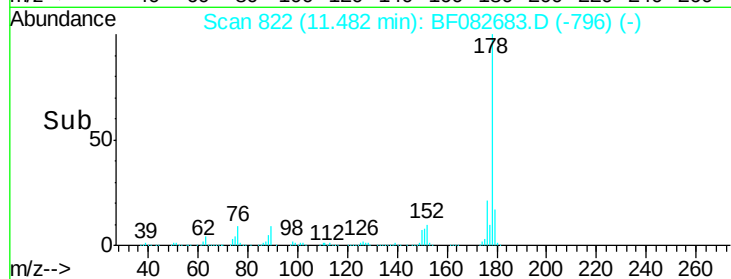
179 16.7 13.2 19.8



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: 41.76 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

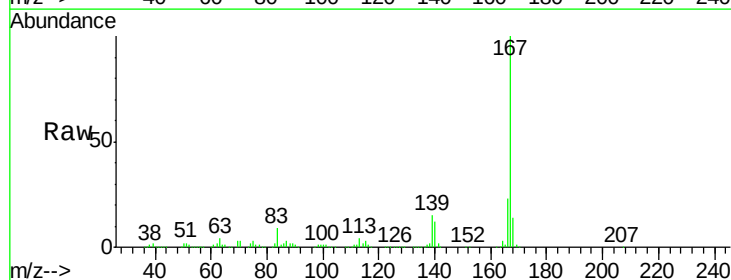
Tgt Ion:167 Resp: 1318667

Ion Ratio Lower Upper

167 100

166 22.9 18.7 28.1

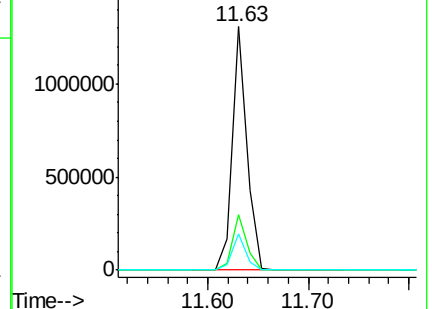
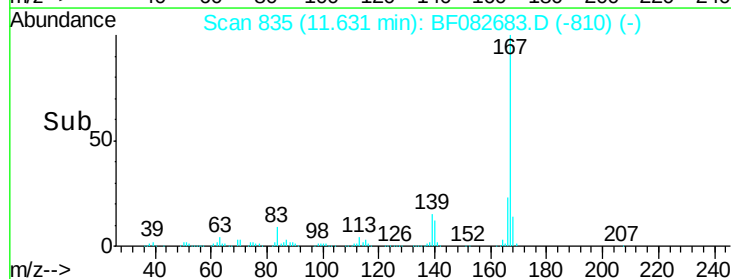
139 15.0 11.8 17.6

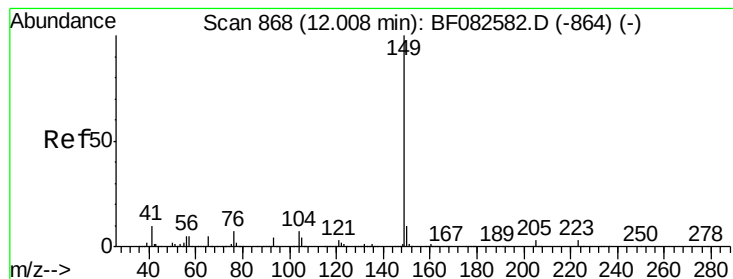


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.47 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

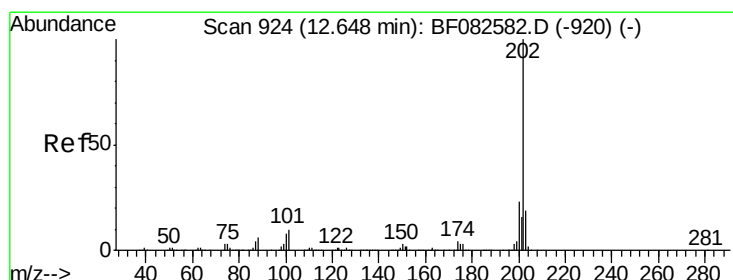
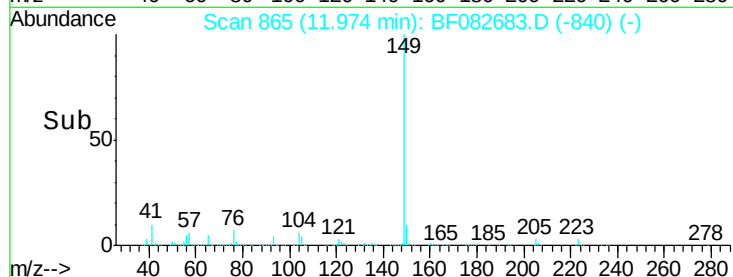
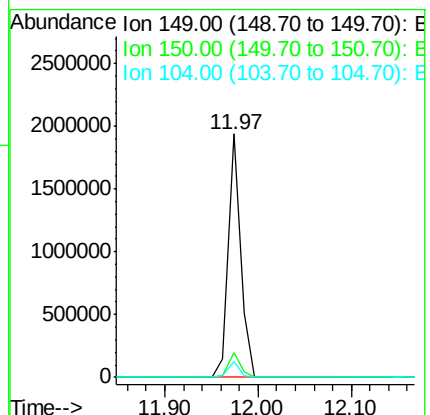
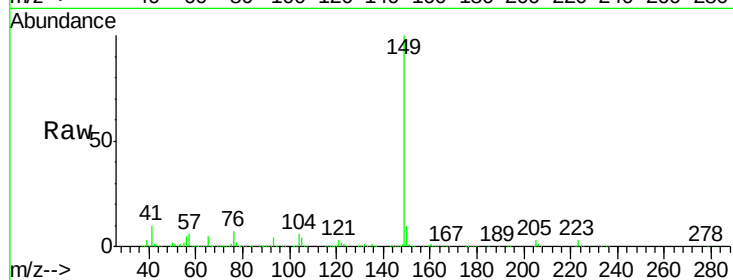
Tgt Ion:149 Resp: 1787277

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

104 6.4 5.2 7.8



#74

Fluoranthene

Concen: 43.82 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

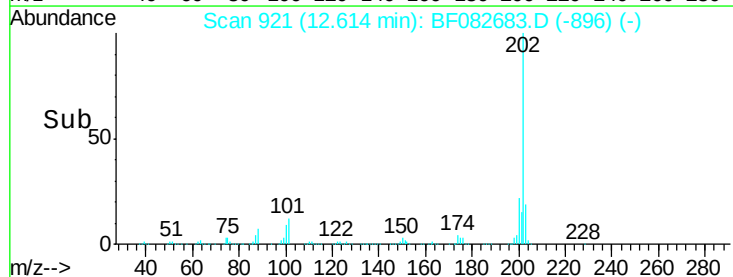
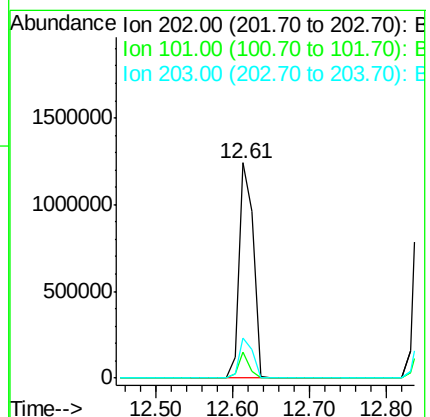
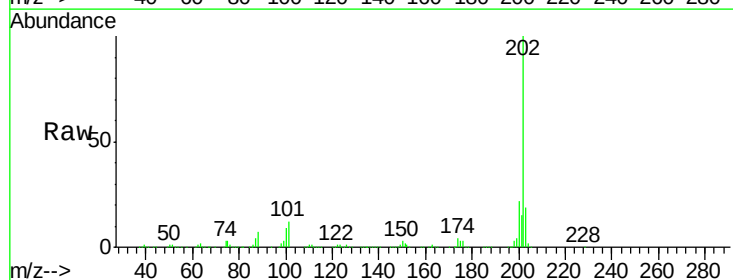
Tgt Ion:202 Resp: 1612773

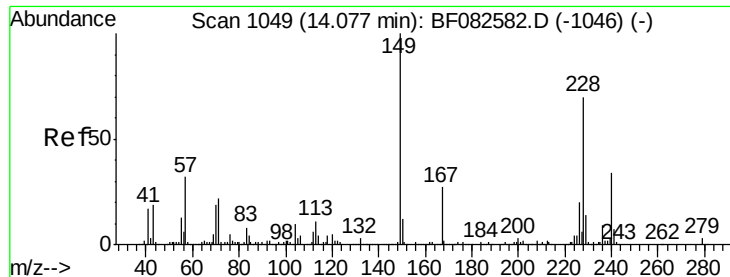
Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.5

203 18.8 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

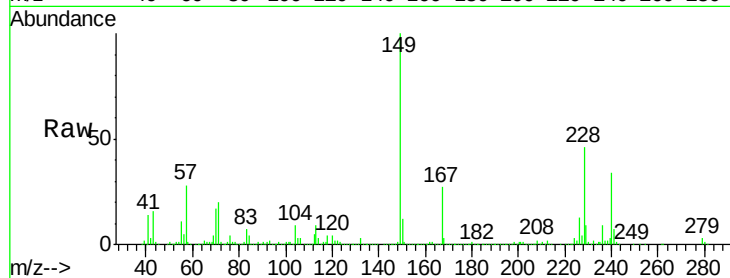
Tgt Ion:240 Resp: 463208

Ion Ratio Lower Upper

240 100

120 12.5 10.9 16.3

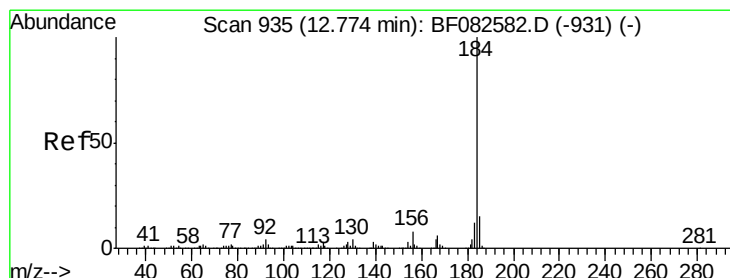
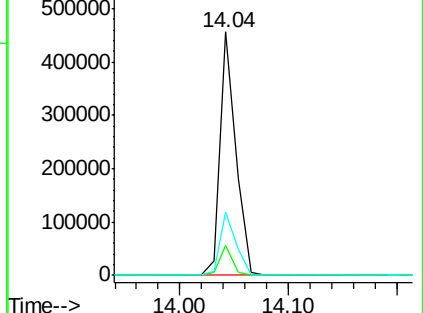
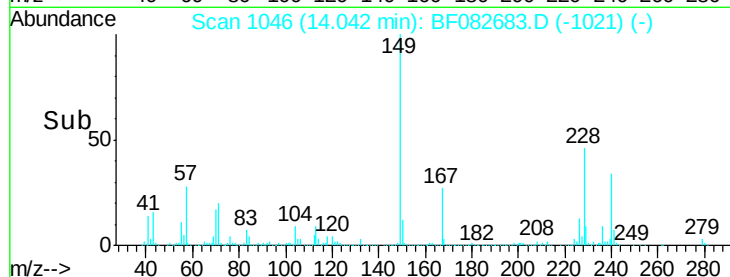
236 26.1 21.6 32.4



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: 8.44 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

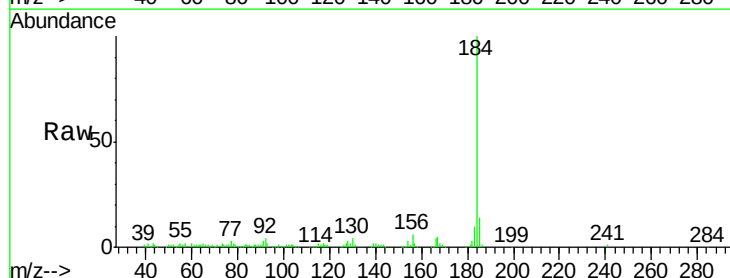
Tgt Ion:184 Resp: 176228

Ion Ratio Lower Upper

184 100

185 13.5 12.0 18.0

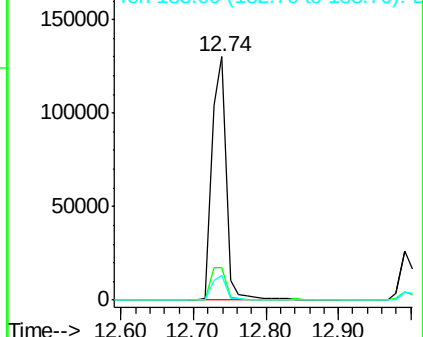
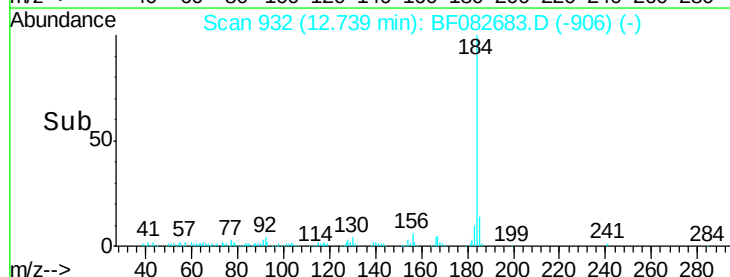
183 10.2 9.6 14.4

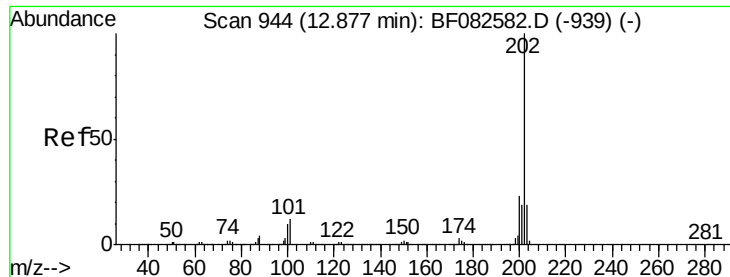


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.56 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

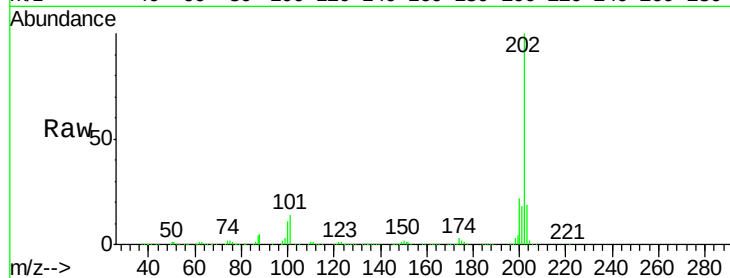
Tgt Ion:202 Resp: 1562877

Ion Ratio Lower Upper

202 100

200 22.4 18.7 28.1

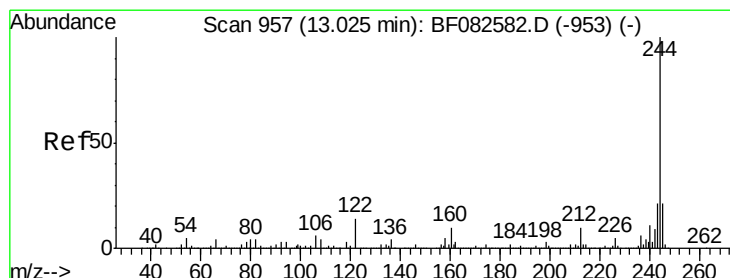
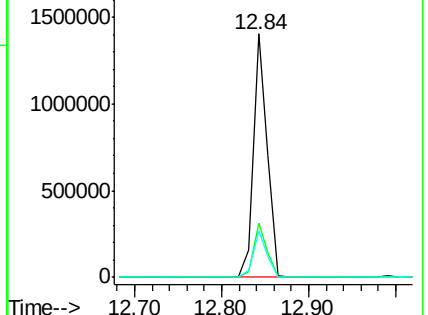
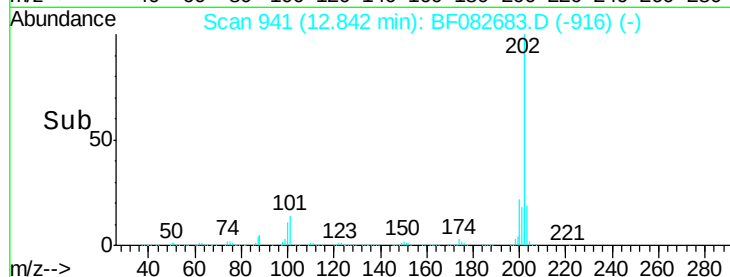
203 18.9 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.36 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

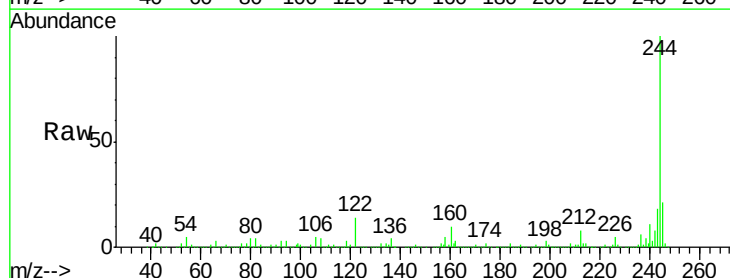
Tgt Ion:244 Resp: 2251154

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

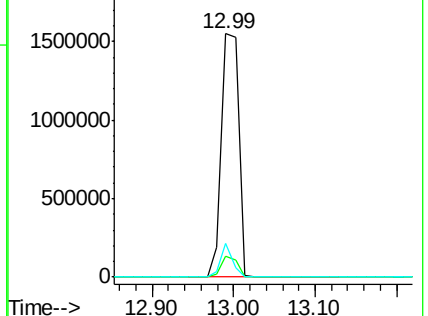
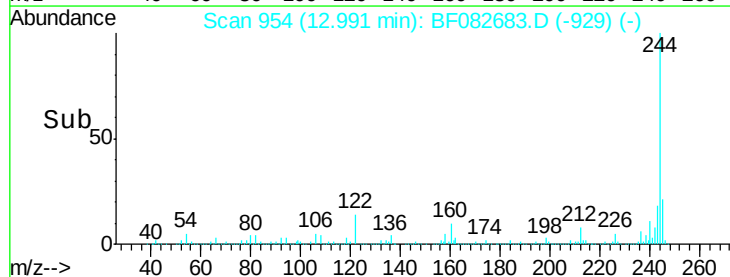
122 13.9 11.3 16.9

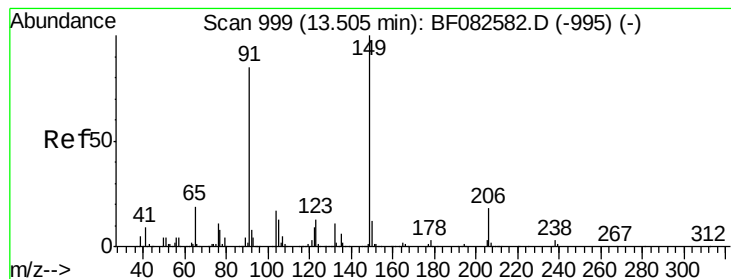


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.63 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

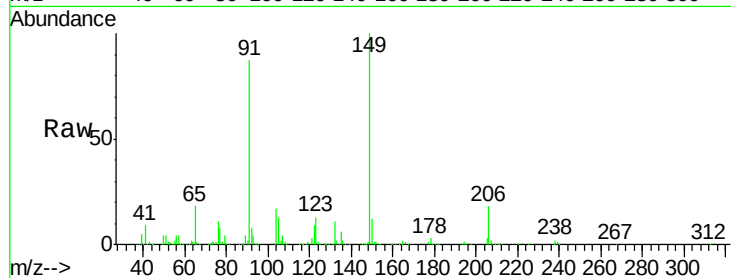
Tgt Ion:149 Resp: 745554

Ion Ratio Lower Upper

149 100

91 86.6 67.7 101.5

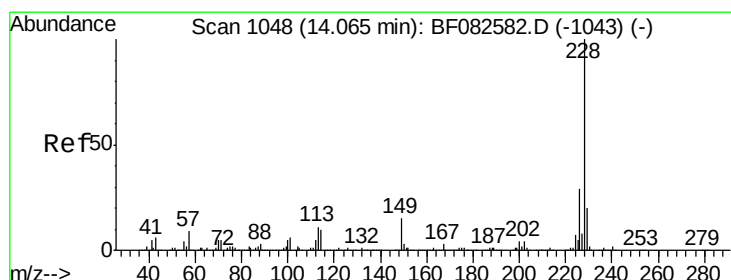
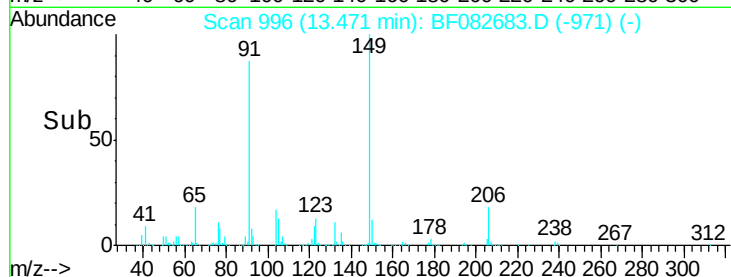
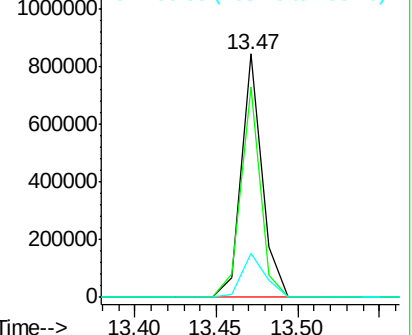
206 18.0 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.49 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

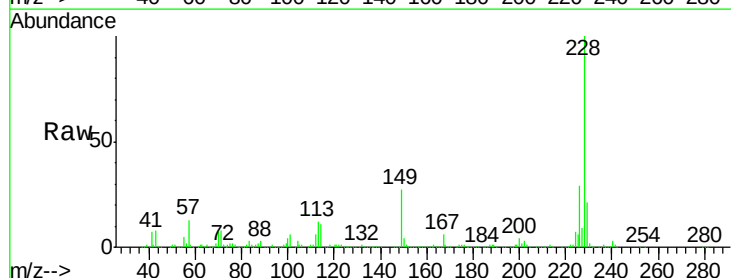
Tgt Ion:228 Resp: 1309048

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

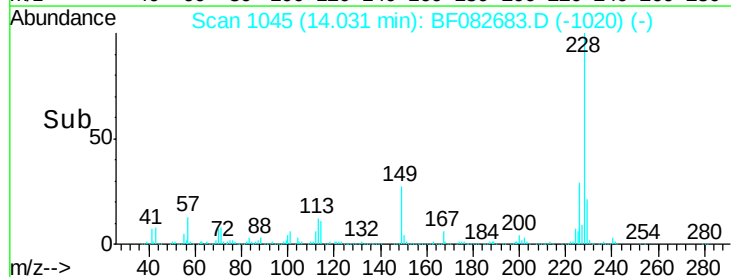
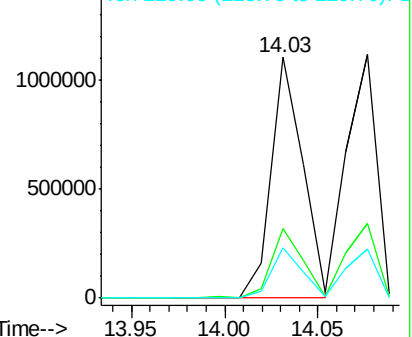
229 20.7 16.3 24.5

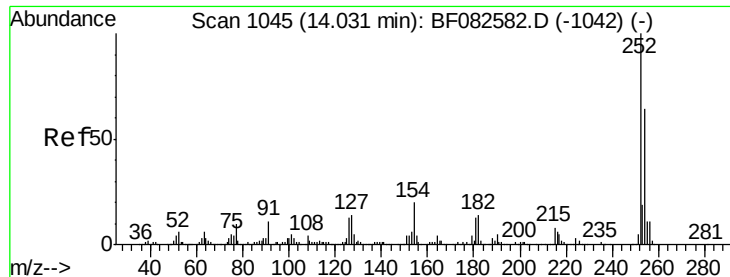


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

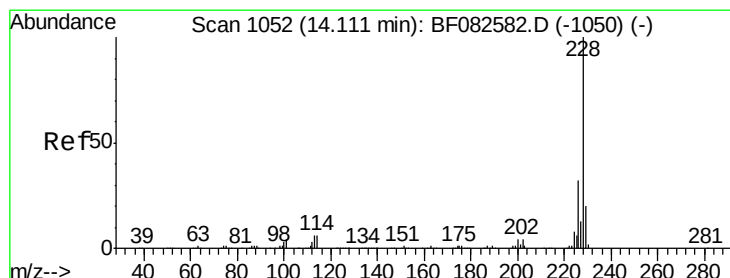
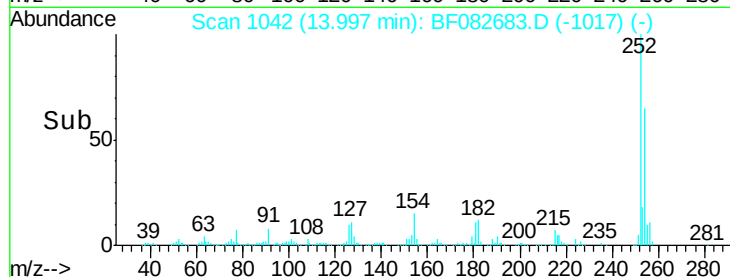
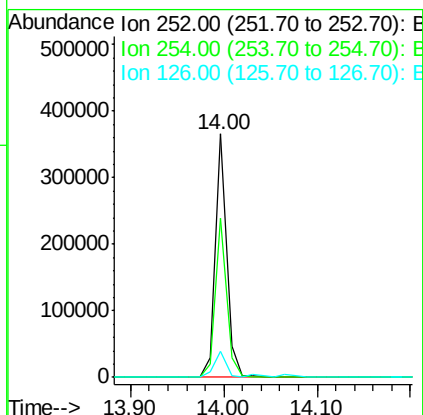
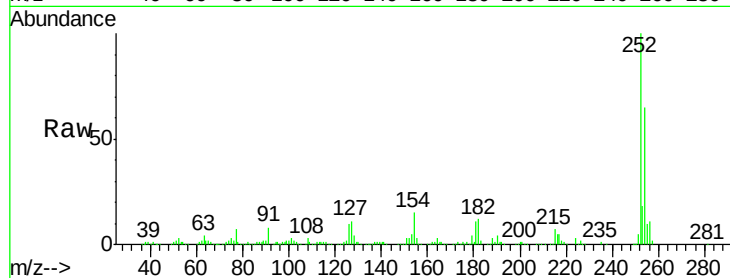




#81
 3,3'-Dichlorobenzidine
 Concen: 30.42 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

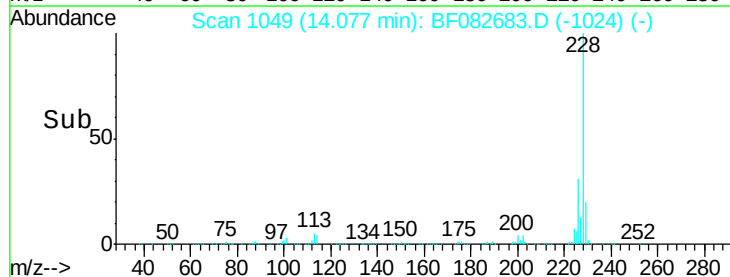
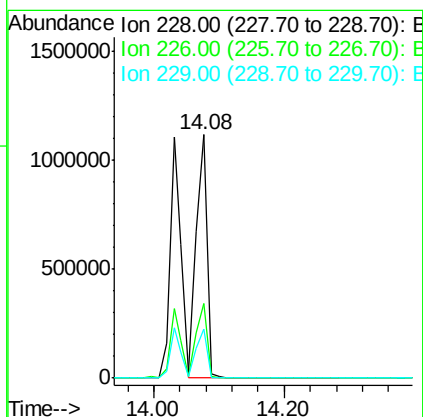
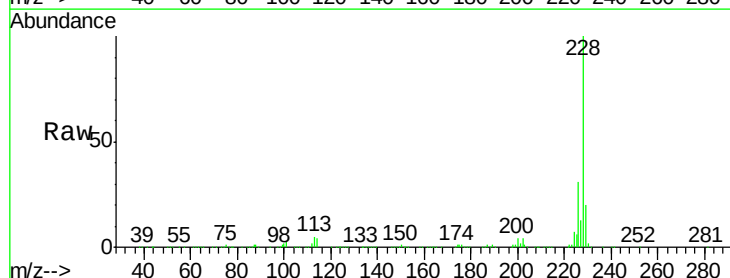
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

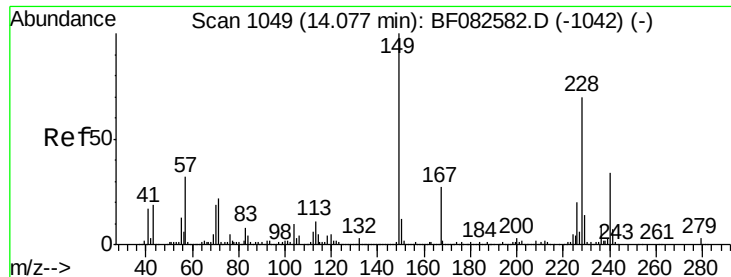
Tgt Ion:252 Resp: 308455
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.4 77.0
 126 10.4 10.7 16.1#



#82
 Chrysene
 Concen: 47.22 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion:228 Resp: 1259291
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.5 38.3
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.70 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

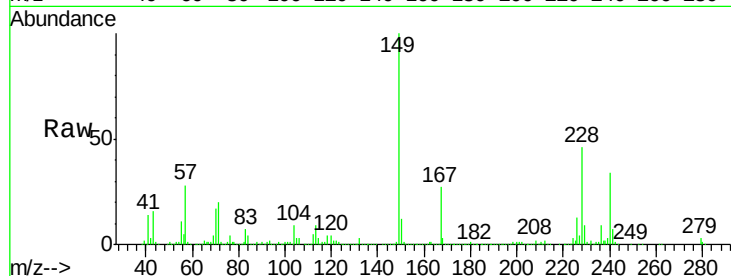
Tgt Ion:149 Resp: 1162671

Ion Ratio Lower Upper

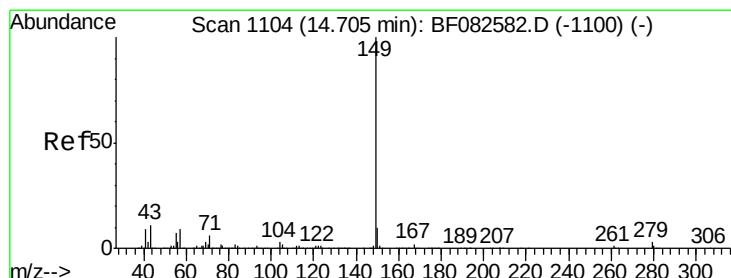
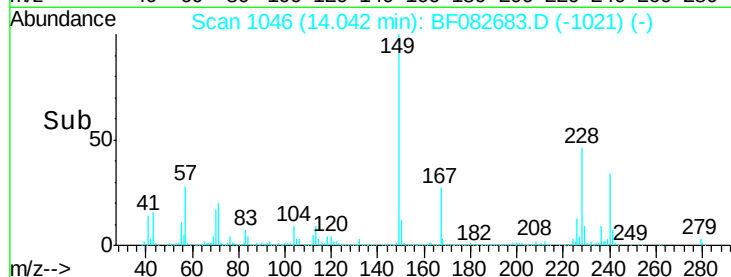
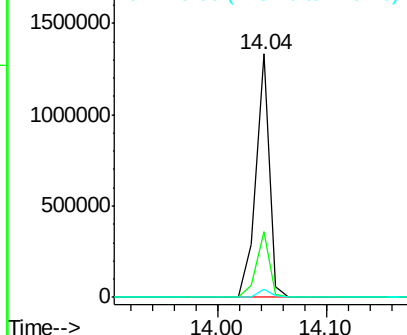
149 100

167 27.1 21.2 31.8

279 3.3 2.2 3.2#



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: 54.59 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

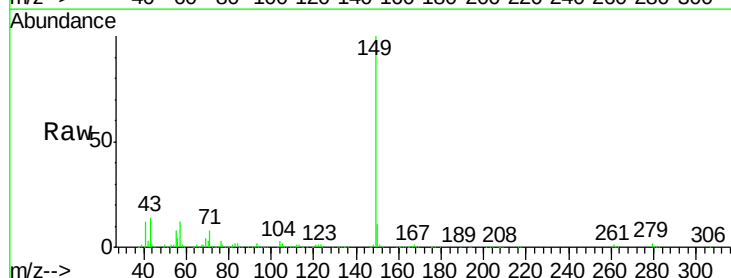
Tgt Ion:149 Resp: 1658289

Ion Ratio Lower Upper

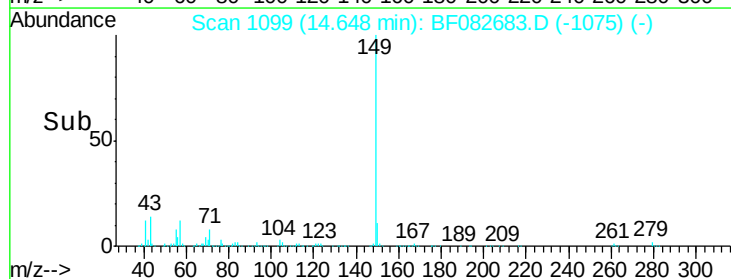
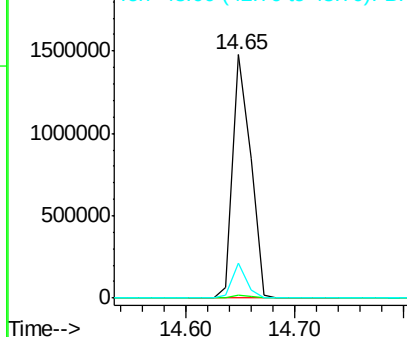
149 100

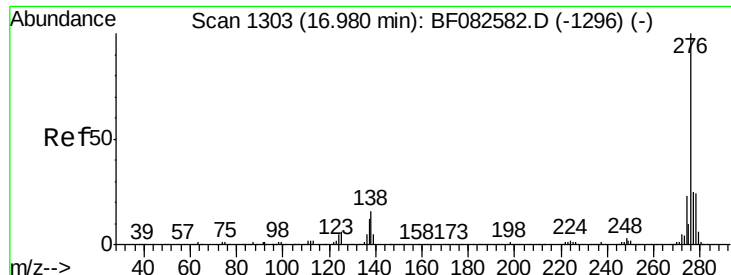
167 1.5 1.3 1.9

43 11.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



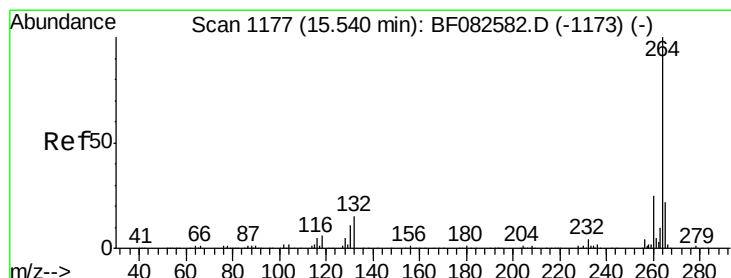
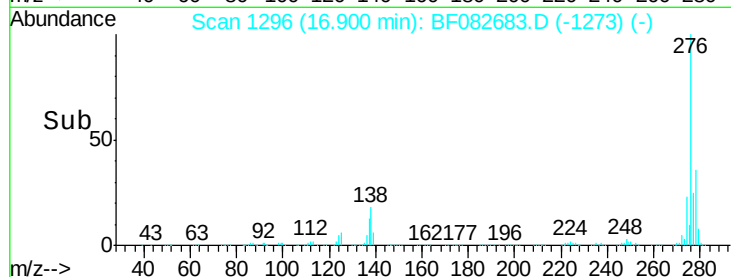
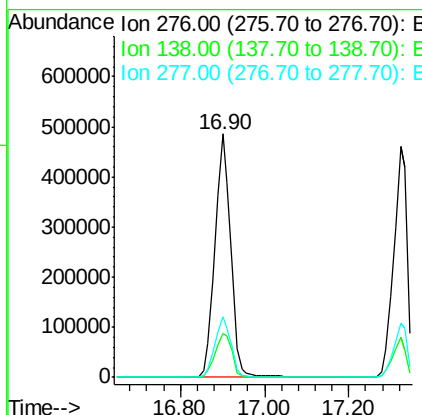
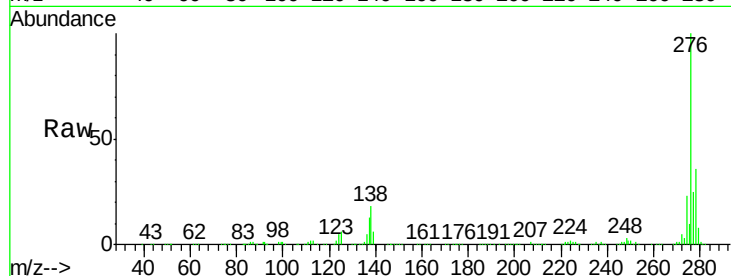


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.01 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.03 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tgt Ion: 276 Resp: 1276666

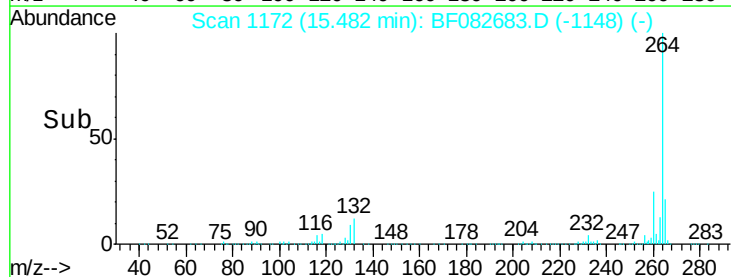
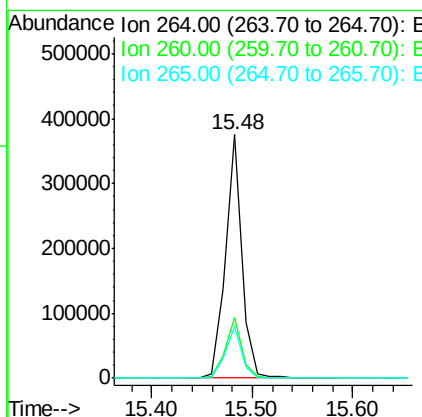
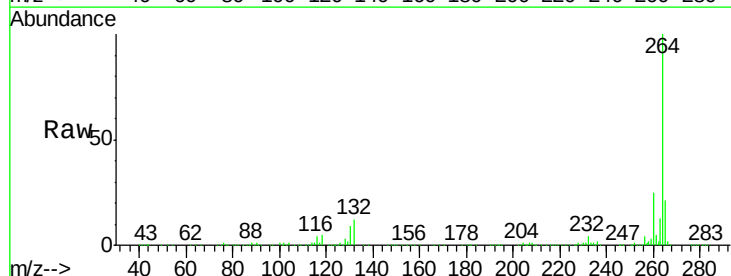
Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.3	22.9
277	25.3	20.2	30.4

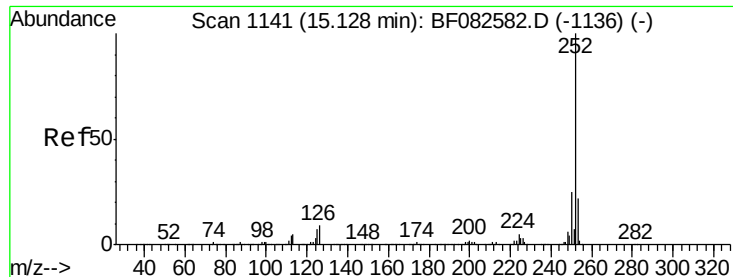


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Tgt Ion: 264 Resp: 425545

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.2	17.4	26.0

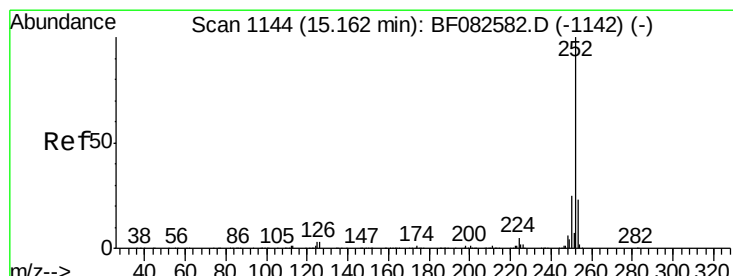
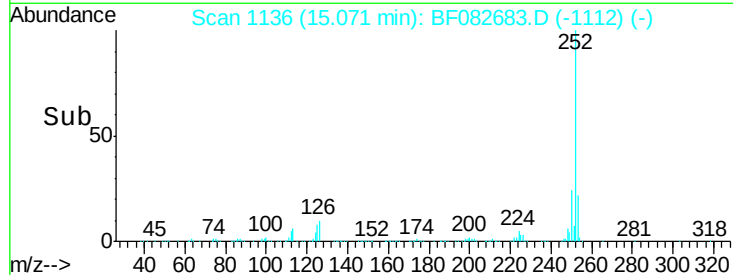
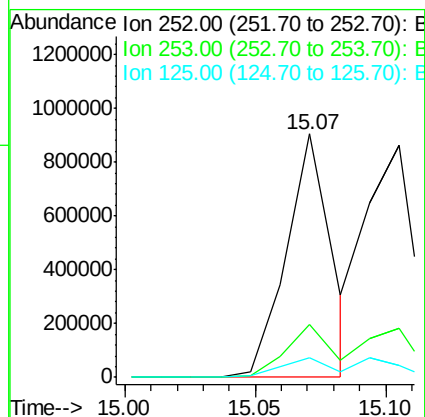
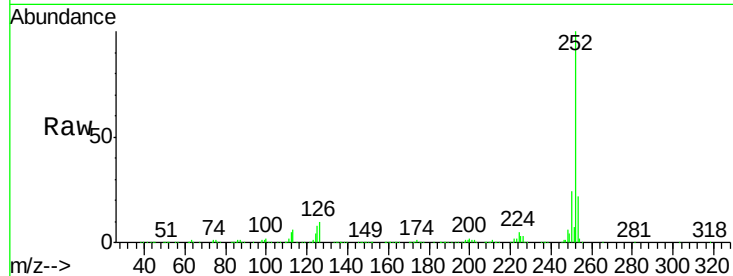




#87
Benzo(b)fluoranthene
Concen: 36.83 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

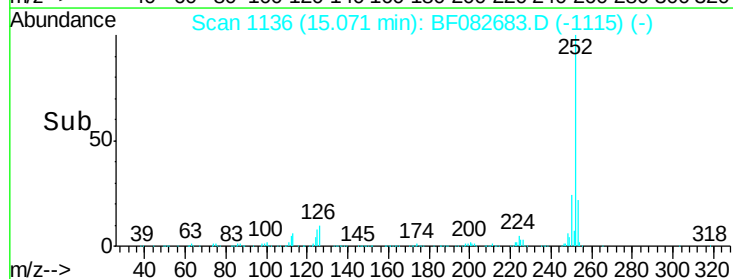
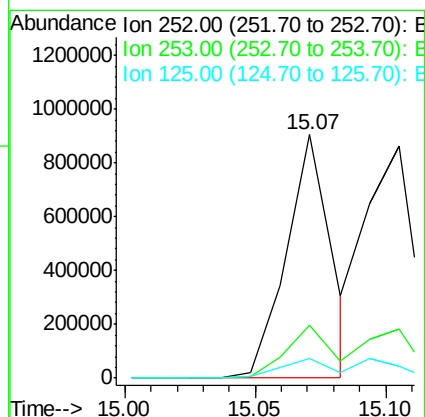
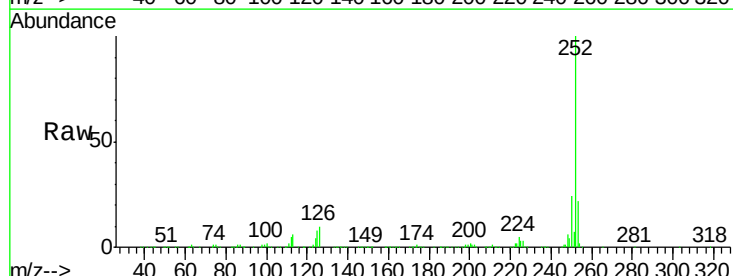
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

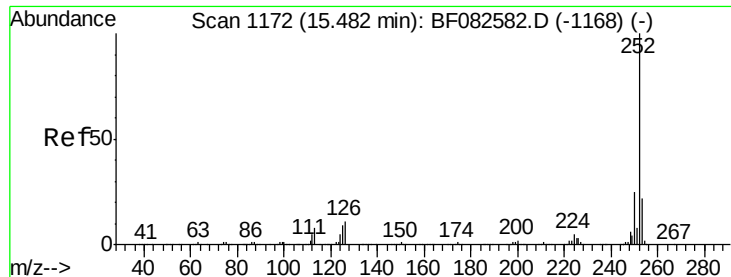
Tgt Ion:252 Resp: 1080843
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.1 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 48.35 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion:252 Resp: 1080843
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.1 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 44.41 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

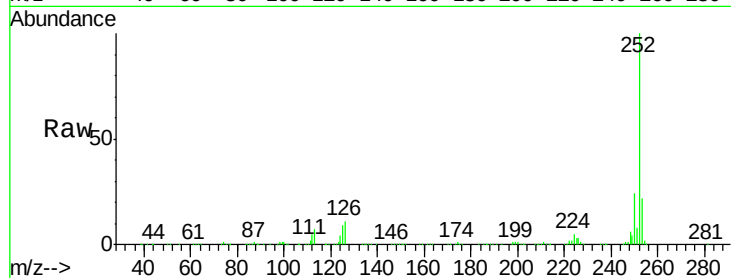
Tgt Ion:252 Resp: 1026246

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

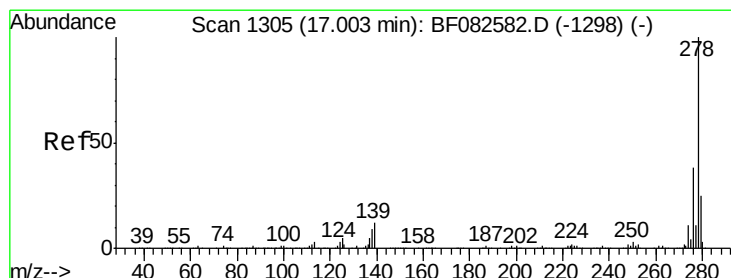
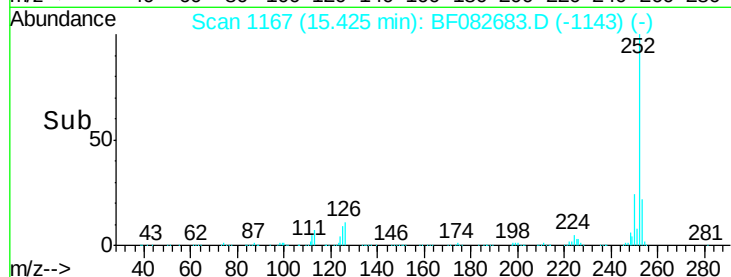
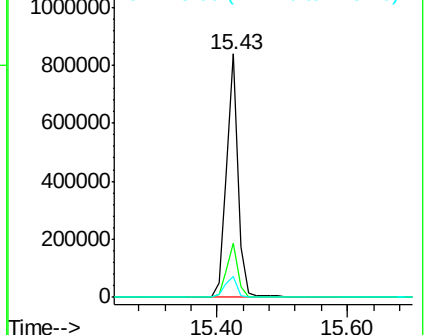
125 8.5 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.25 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

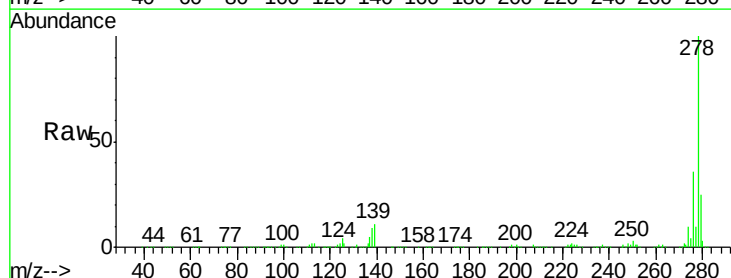
Tgt Ion:278 Resp: 1083482

Ion Ratio Lower Upper

278 100

139 10.9 9.9 14.9

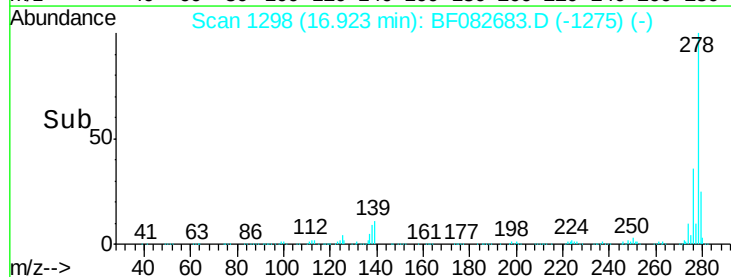
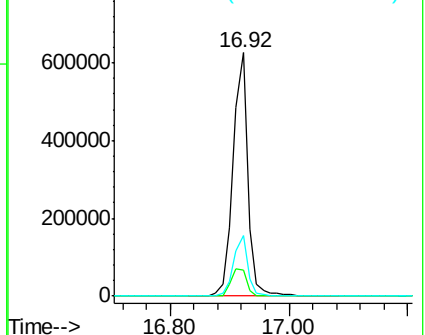
279 24.7 19.6 29.4

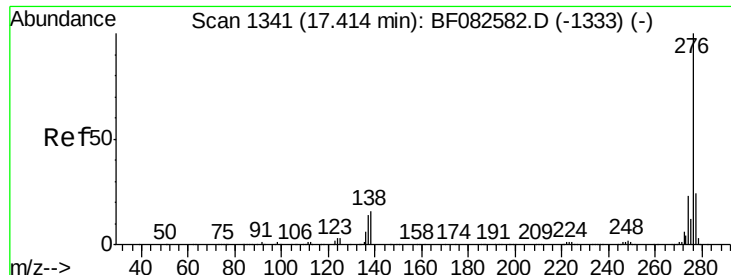


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

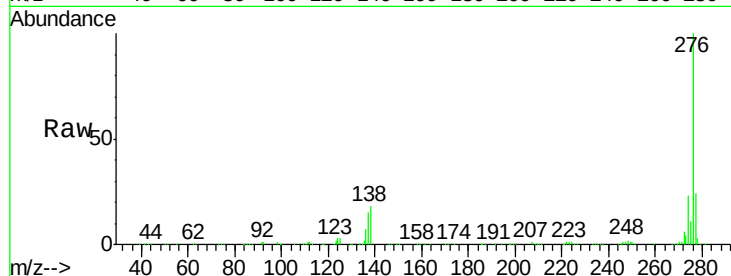




#91
 Benzo(g,h,i)perylene
 Concen: 50.90 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.03 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tgt Ion: 276 Resp: 1063684
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.2 28.8
 138 17.6 13.1 19.7



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

