

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
 Data File : BF082683.D
 Acq On : 4 Nov 2015 4:38
 Operator : UM/IZ
 Sample : G4209-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Quant Time: Nov 04 06:54:55 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	371392m	17.51	ng	
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	509942m	40.04	ng	
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	129168m	37.98	ng	
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

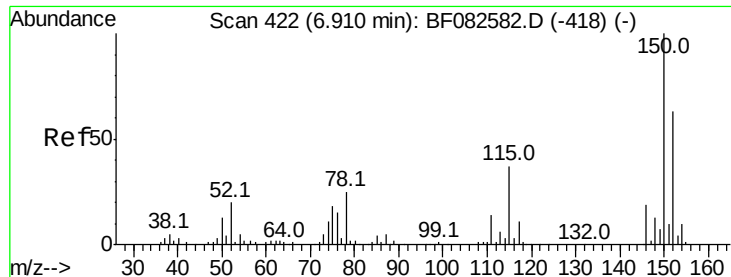
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	370324	43.31	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	378234m	44.40	nq	
45) 1,1'-Biphenyl	9.34	154	1180123	39.37	nq	97
46) 2-Chloronaphthalene	9.37	162	936946	40.03	nq	95
47) 2-Nitroaniline	9.46	65	351615	38.64	nq	89
48) Acenaphthylene	9.79	152	1588296	42.42	nq	97
49) Dimethylphthalate	9.65	163	1321379	45.59	nq	98
50) 2,6-Dinitrotoluene	9.71	165	269823	44.92	nq	# 56
51) Acenaphthene	9.96	154	1133772	47.70	nq	98
52) 3-Nitroaniline	9.87	138	149278	22.34	nq	# 74
53) 2,4-Dinitrophenol	9.97	184	273941	85.14	nq	# 33
54) Dibenzofuran	10.13	168	1462099	45.34	nq	90
55) 4-Nitrophenol	10.03	139	343082	68.23	nq	# 85
56) 2,4-Dinitrotoluene	10.11	165	404273	49.77	nq	# 76
57) Fluorene	10.48	166	1126348	43.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	330139	45.85	nq	90
59) Diethylphthalate	10.35	149	1222215	41.42	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	549872	43.49	nq	# 89
61) 4-Nitroaniline	10.49	138	266575	41.80	nq	# 82
62) Azobenzene	10.62	77	1419355	42.66	nq	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	192557	50.02	nq	# 46
65) n-Nitrosodiphenylamine	10.58	169	933029	42.52	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	366747	50.70	nq	# 88
67) Hexachlorobenzene	11.02	284	396421	49.43	nq	# 67
68) Atrazine	11.12	200	368375	51.31	nq	93
69) Pentachlorophenol	11.22	266	474092	89.64	nq	98
70) Phenanthrene	11.44	178	1742078	48.39	nq	98
71) Anthracene	11.48	178	1623020	44.78	nq	100
72) Carbazole	11.63	167	1318667	41.76	nq	99
73) Di-n-butylphthalate	11.97	149	1787277	44.47	nq	100
74) Fluoranthene	12.61	202	1612773	43.82	nq	98
76) Benzidine	12.74	184	176228	8.44	nq	96
77) Pyrene	12.84	202	1562877	45.56	nq	98
79) Butylbenzylphthalate	13.47	149	745554	49.63	nq	98
80) Benzo(a)anthracene	14.03	228	1309048	44.49	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	308455	30.42	nq	# 98
82) Chrysene	14.08	228	1259291	47.22	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1162671	59.70	nq	# 99
84) Di-n-octyl phthalate	14.65	149	1658289	54.59	nq	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1276666	58.01	nq	100
87) Benzo(b)fluoranthene	15.07	252	1080843	36.83	nq	98
88) Benzo(k)fluoranthene	15.11	252	1089598m	48.74	nq	
89) Benzo(a)pyrene	15.43	252	1026246	44.41	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	1083482	50.25	nq	98
91) Benzo(g,h,i)perylene	17.32	276	1063684	50.90	nq	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

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BNA_F

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GACMEDIA-151029MSD

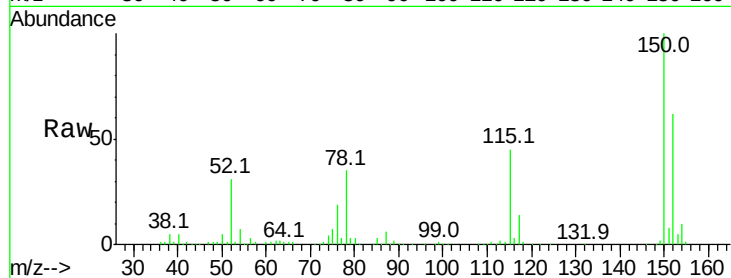
Tot Ion:152 Resp: 172720

Ion Ratio Lower Upper

152 100

150 160.3 127.0 190.4

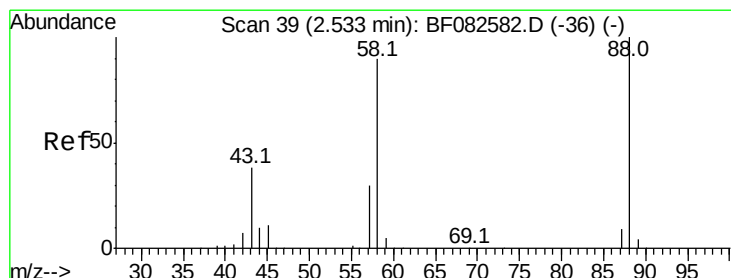
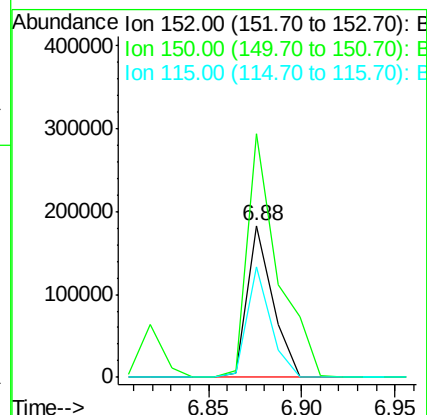
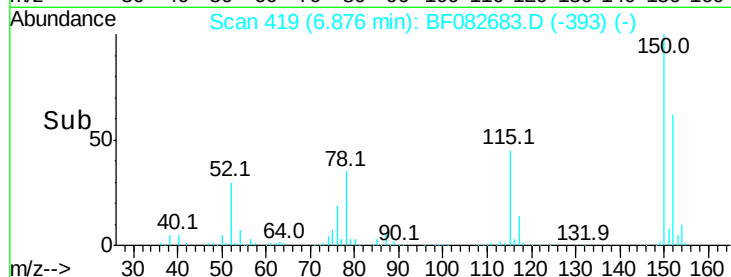
115 72.8 47.0 70.6#



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

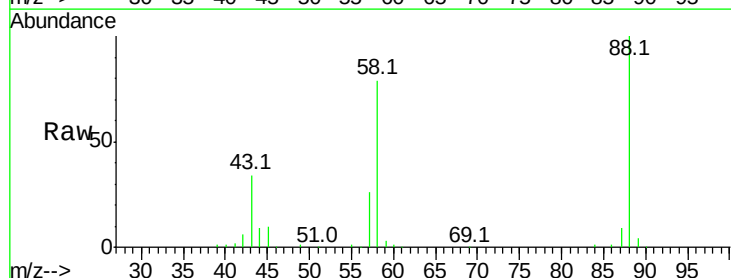
Tgt Ion: 88 Resp: 193061

Ion Ratio Lower Upper

88 100

58 80.2 62.0 93.0

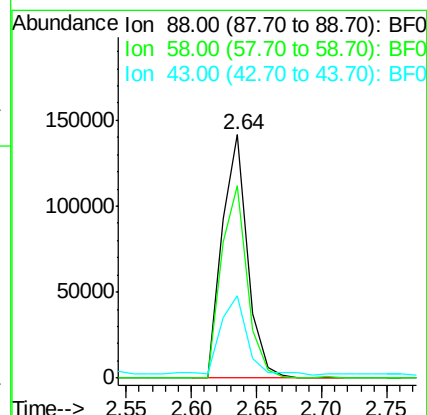
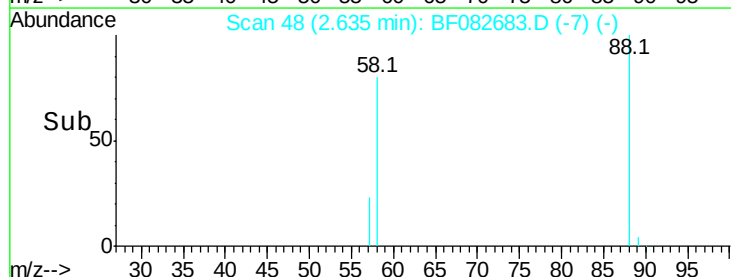
43 0.0 26.6 40.0#

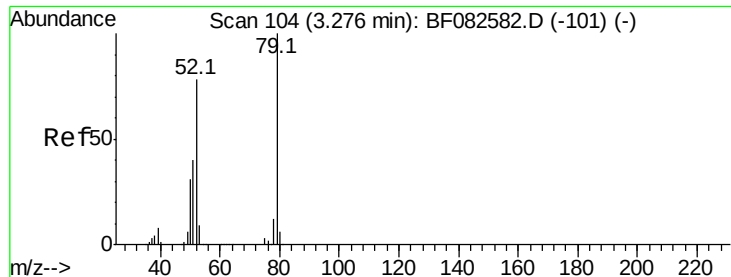


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

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

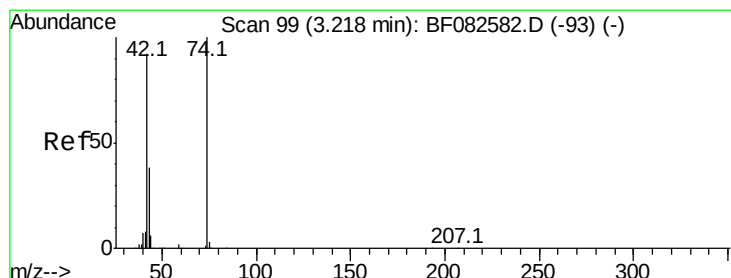
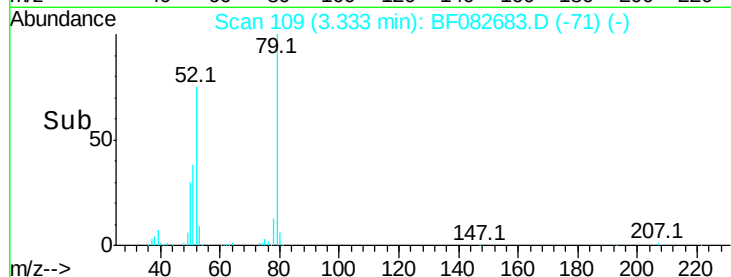
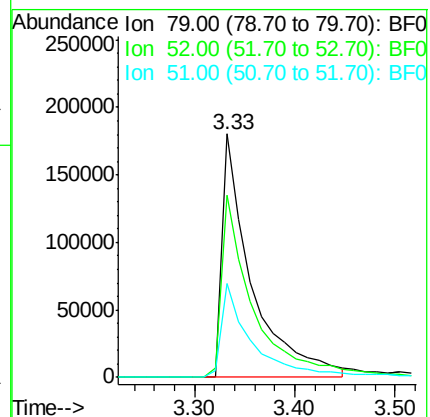
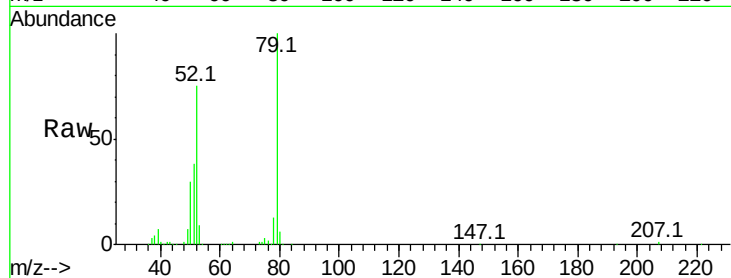
Tot Ion: 79 Resp: 365728

Ion Ratio Lower Upper

79 100

52 74.8 62.8 94.2

51 38.5 32.0 48.0



#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

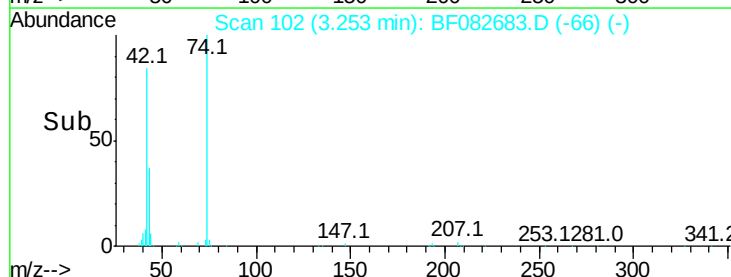
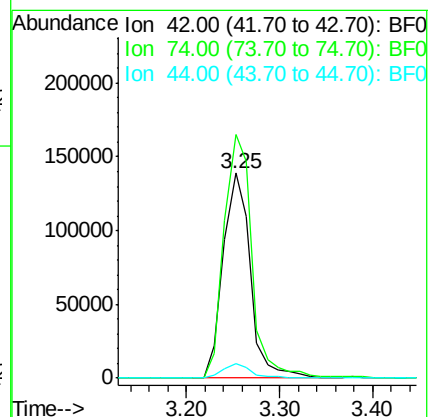
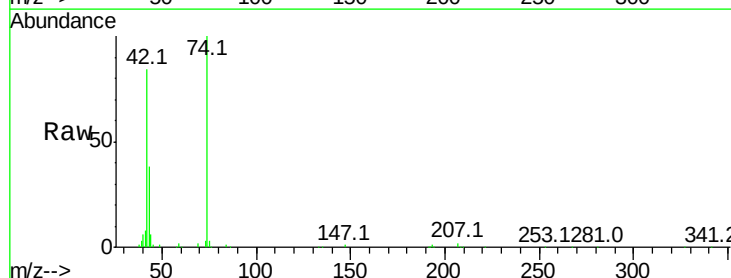
Tgt Ion: 42 Resp: 284249

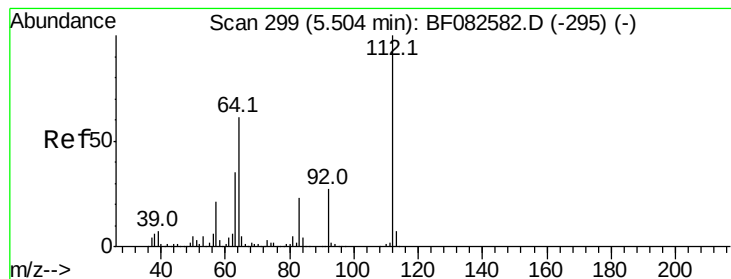
Ion Ratio Lower Upper

42 100

74 118.7 87.0 130.4

44 6.9 5.8 8.8





#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 :

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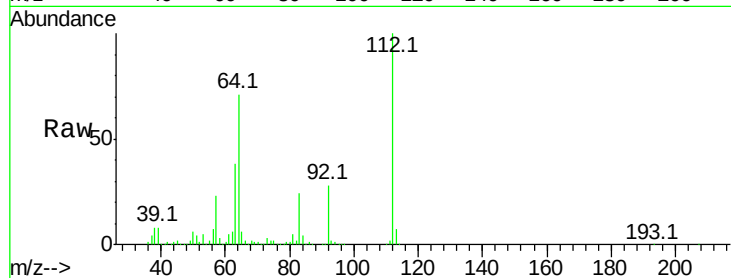
Tot Ion:112 Resp: 1254567

Ion Ratio Lower Upper

112 100

64 70.9 48.9 73.3

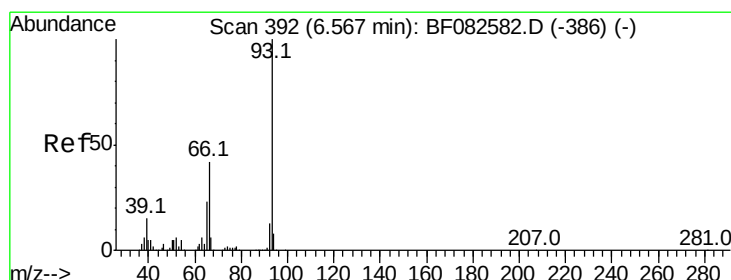
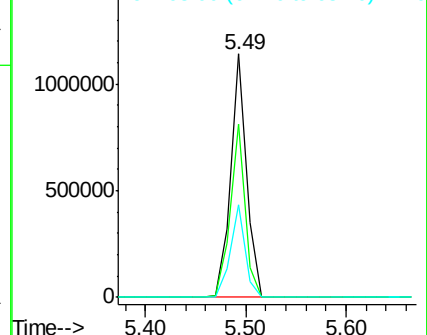
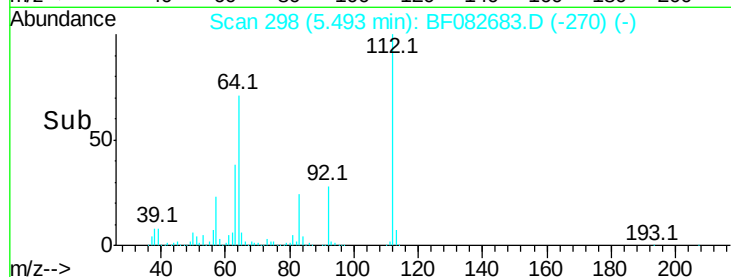
63 38.1 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.51 ng m

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

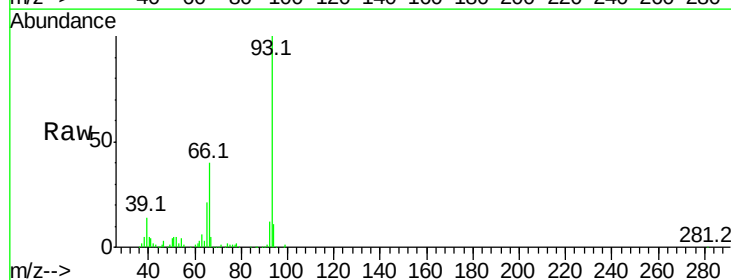
Tgt Ion: 93 Resp: 371392

Ion Ratio Lower Upper

93 100

66 39.7 33.6 50.4

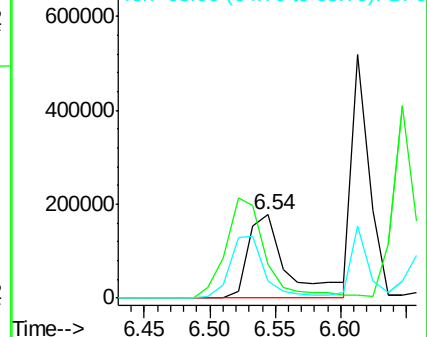
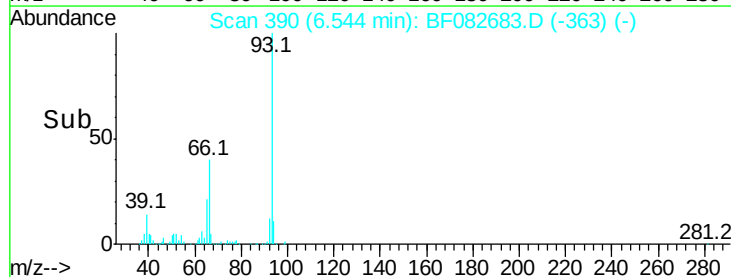
65 21.1 18.1 27.1

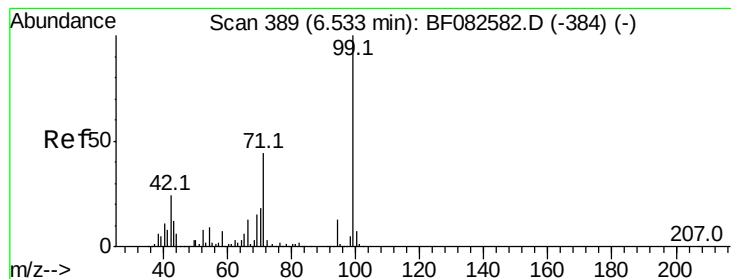


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 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 :

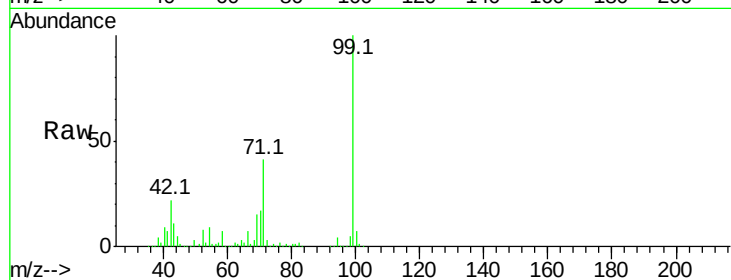
BNA_F

ClientSampleId :

GACMEDIA-151029MSD

Tot Ion: 99 Resp: 1794094

Ion	Ratio	Lower	Upper
99	100		
42	21.8	19.2	28.8
71	40.6	35.0	52.4

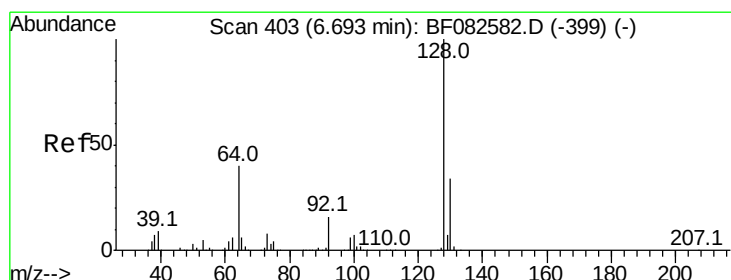
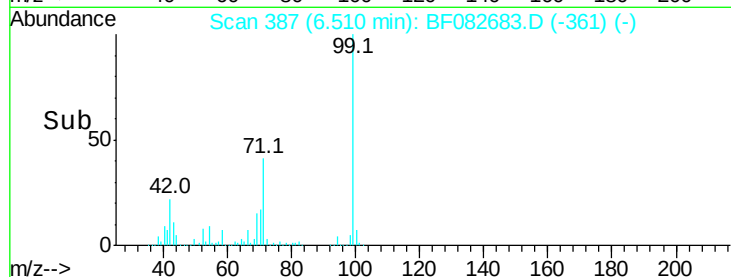
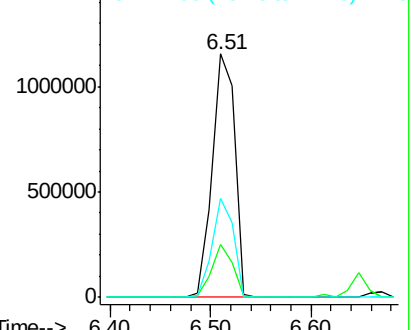


Abundance

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

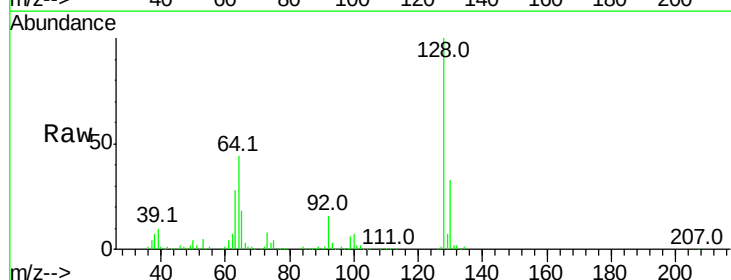
Delta R.T. 0.01 min

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

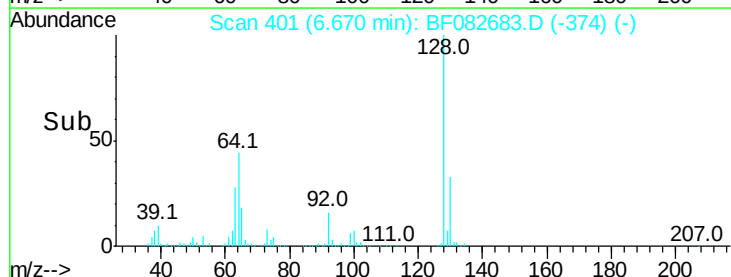
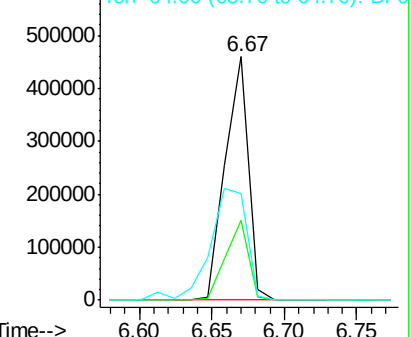


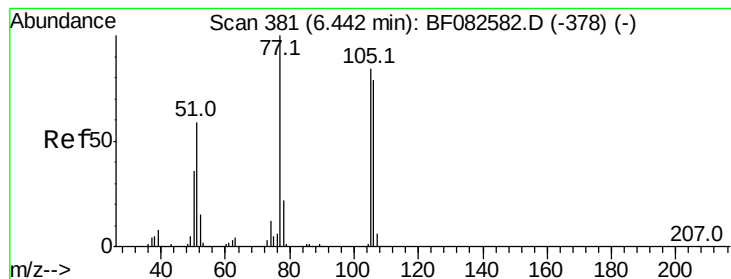
Abundance

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

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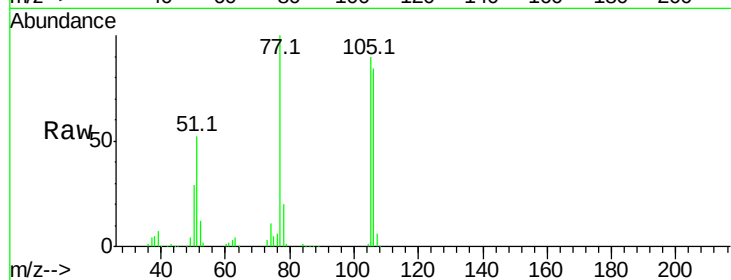
Tot Ion: 77 Resp: 140332

Ion Ratio Lower Upper

77 100

105 89.9 63.5 103.5

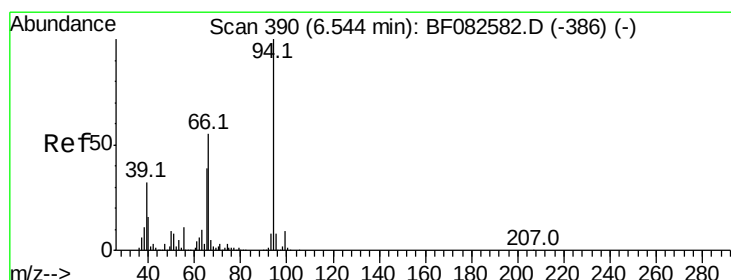
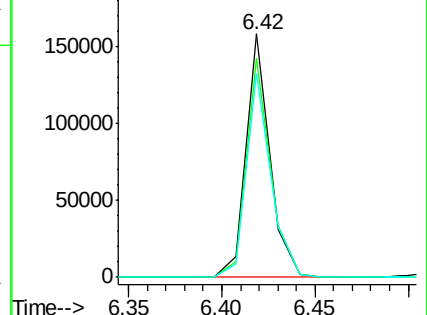
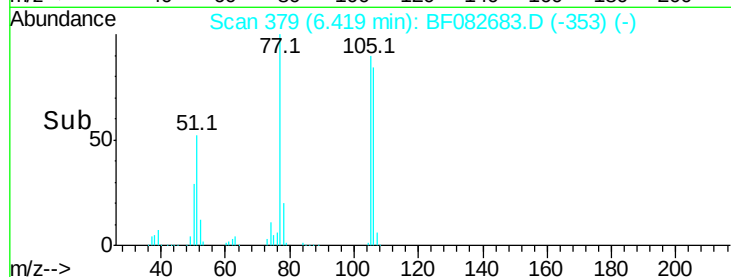
106 83.6 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 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

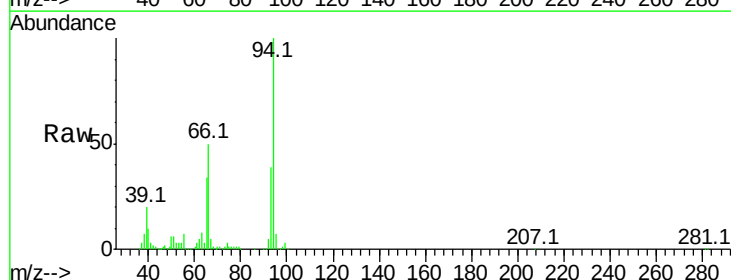
Tgt Ion: 94 Resp: 551860

Ion Ratio Lower Upper

94 100

65 33.7 18.9 58.9

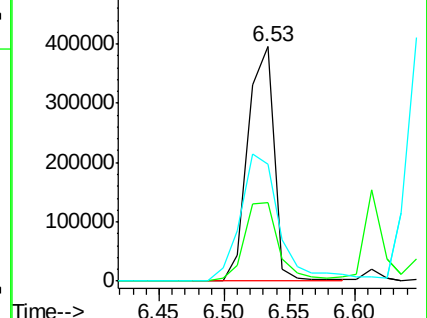
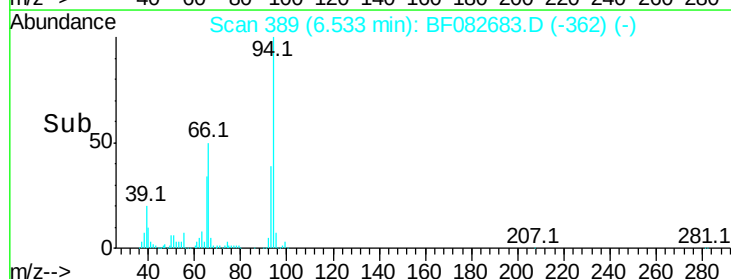
66 50.0 34.9 74.9

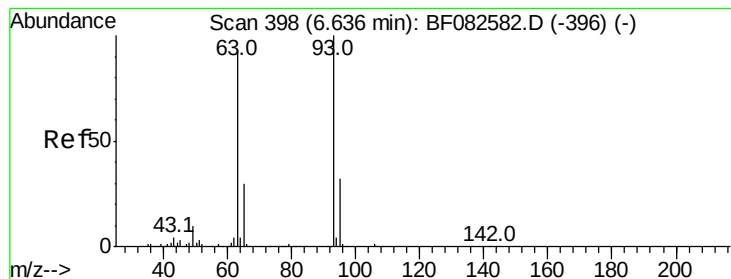


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.04 ng/mL

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

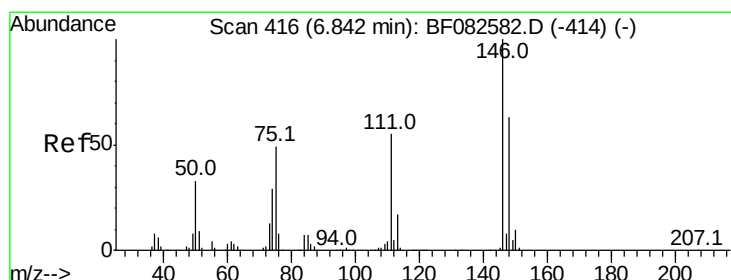
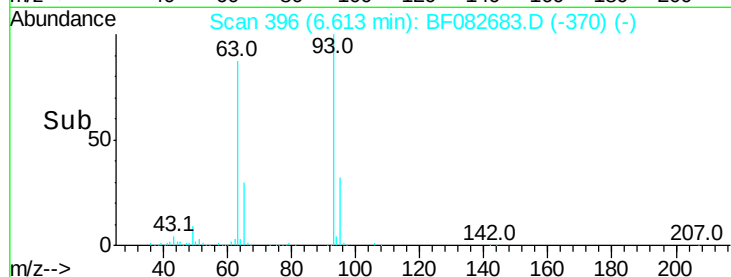
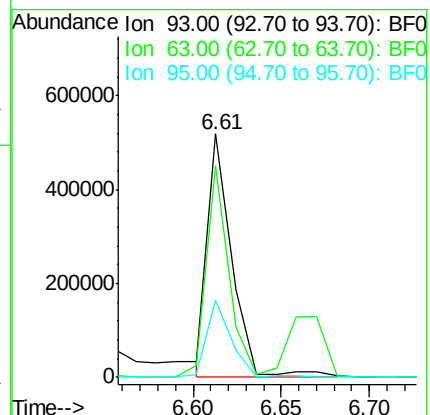
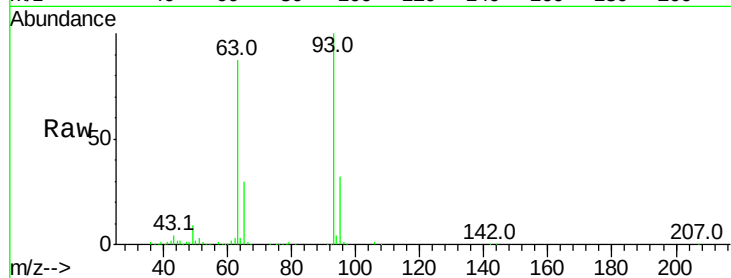
Tot Ion: 93 Resp: 509942

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/mL

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

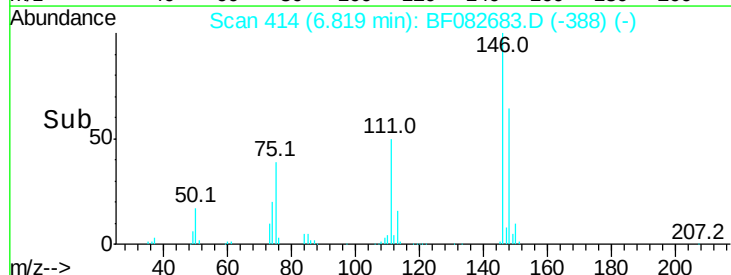
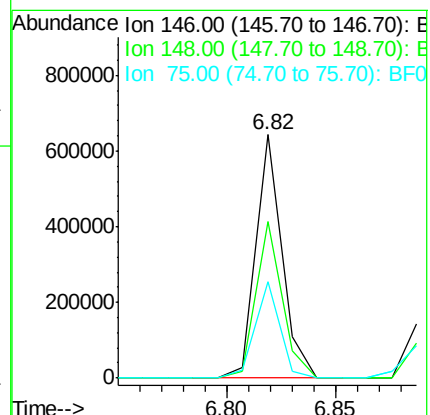
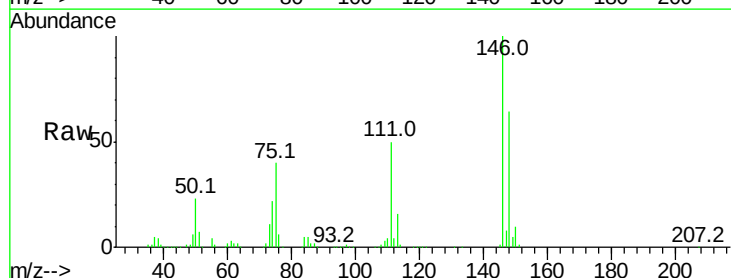
Tgt Ion: 146 Resp: 534804

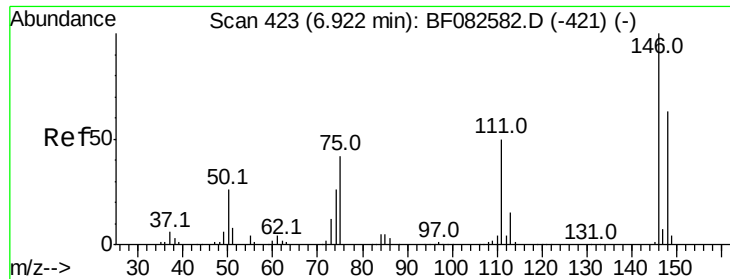
Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

75 39.6 39.5 59.3

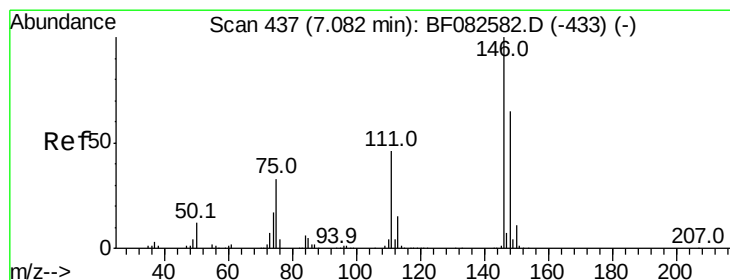
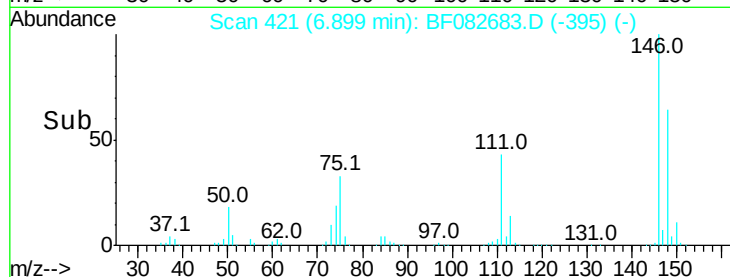
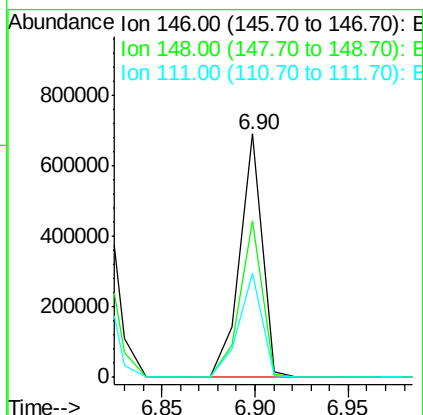
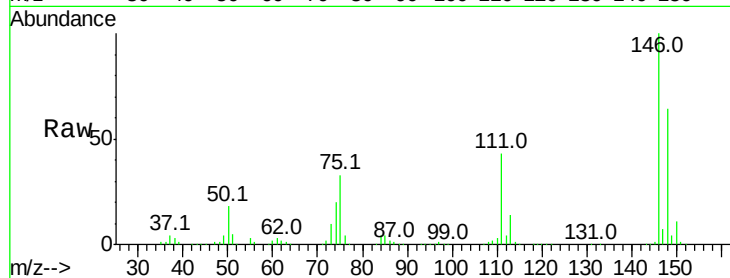




#13
 1,4-Dichlorobenzene
 Concen: 41.45 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

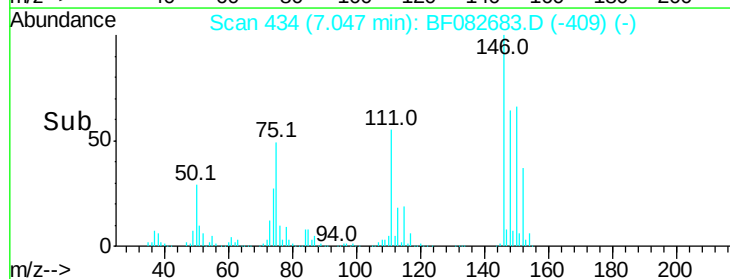
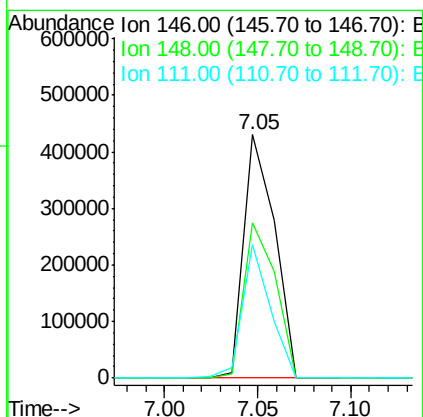
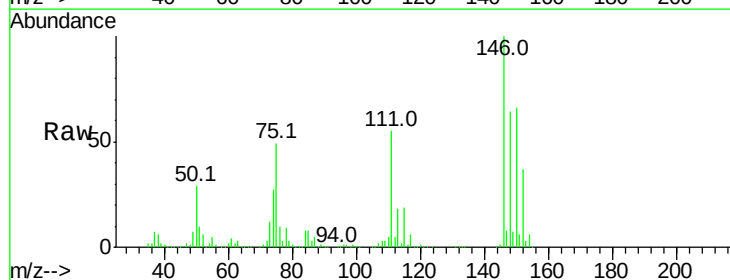
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

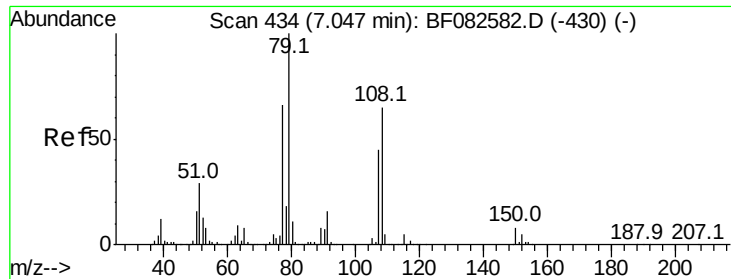
Tot Ion:146 Resp: 581689
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 42.9 40.6 60.8



#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





#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

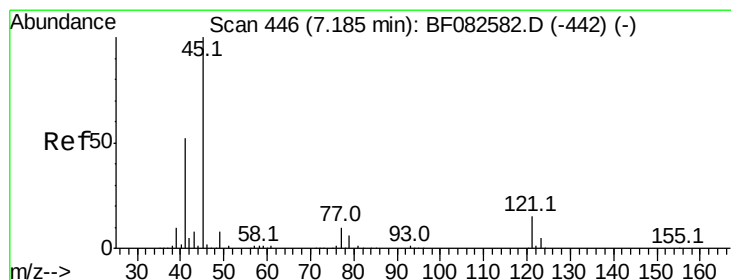
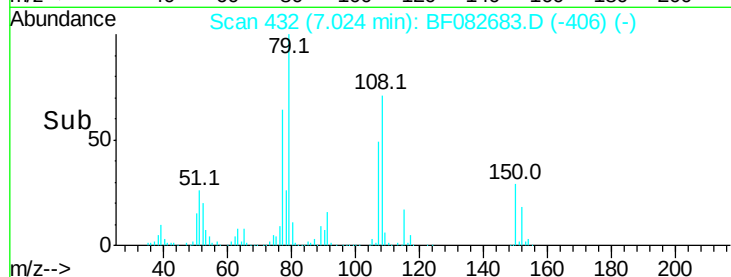
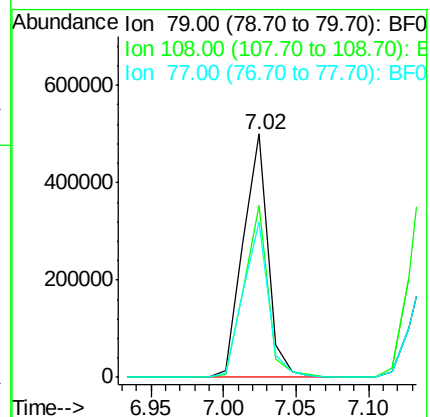
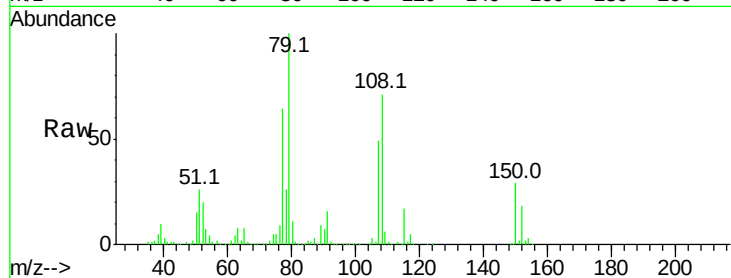
Tot Ion: 79 Resp: 599958

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

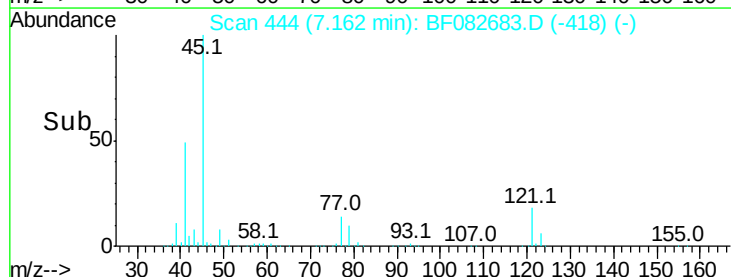
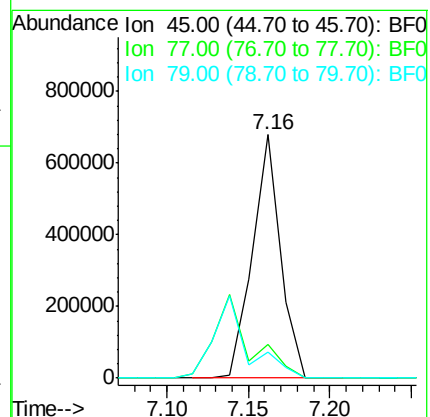
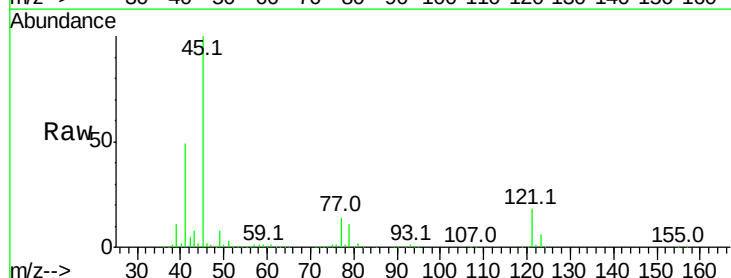
Tgt Ion: 45 Resp: 806622

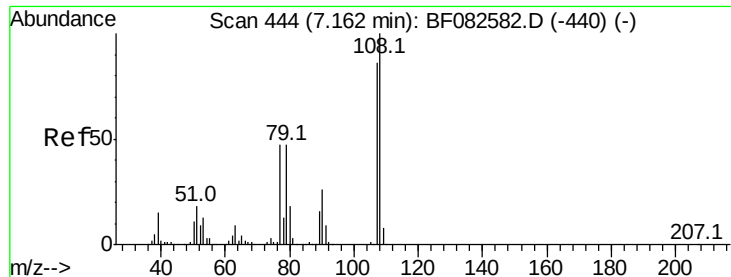
Ion Ratio Lower Upper

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

Tot Ion:107 Resp: 458791

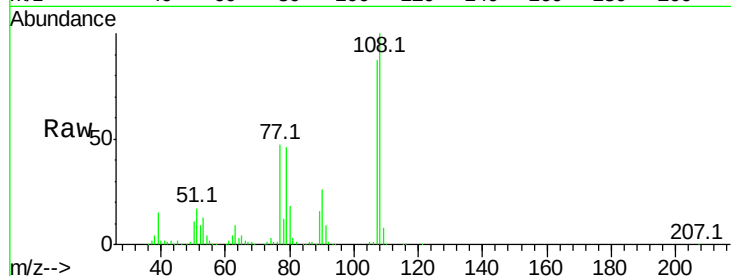
Ion Ratio Lower Upper

107 100

108 114.6 93.0 139.4

77 53.7 44.1 66.1

79 53.3 43.6 65.4

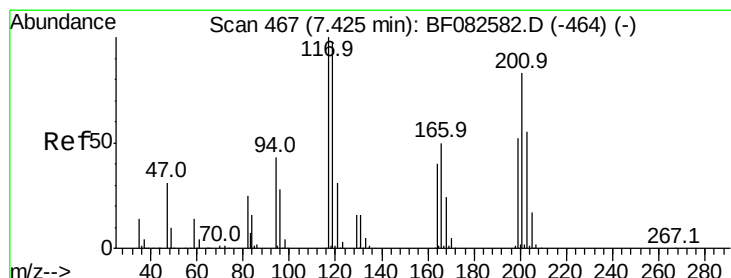
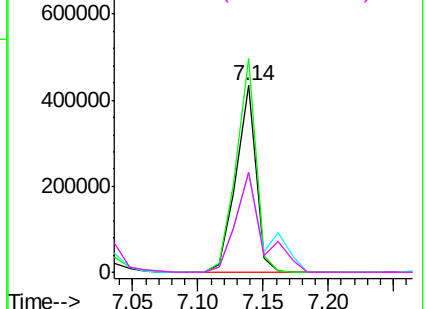
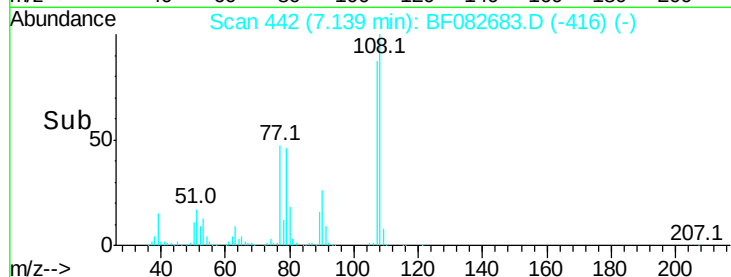


Abundance Ion 107.00 (106.70 to 107.70): E

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

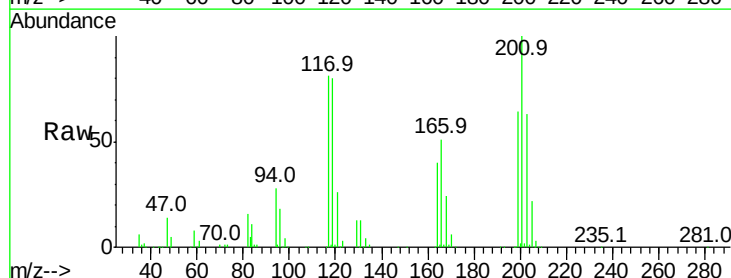
Tgt Ion:117 Resp: 207359

Ion Ratio Lower Upper

117 100

119 99.1 77.7 116.5

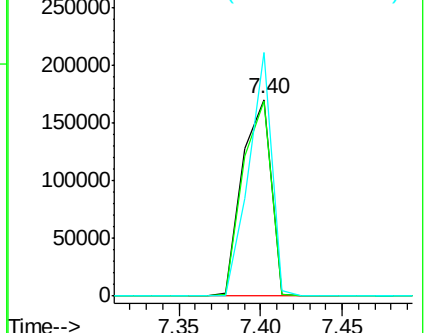
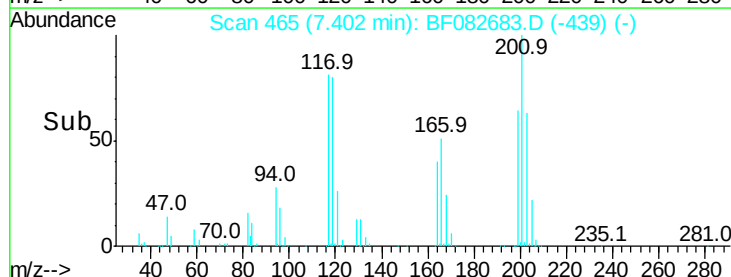
201 123.9 66.7 100.1#

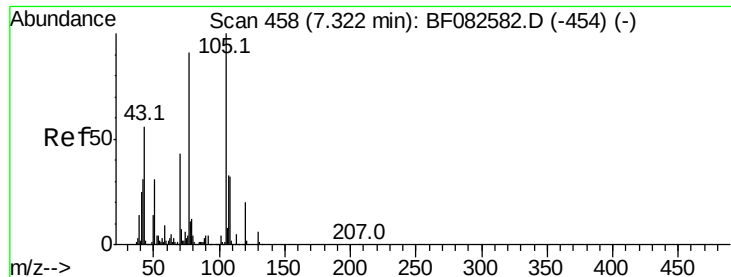


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

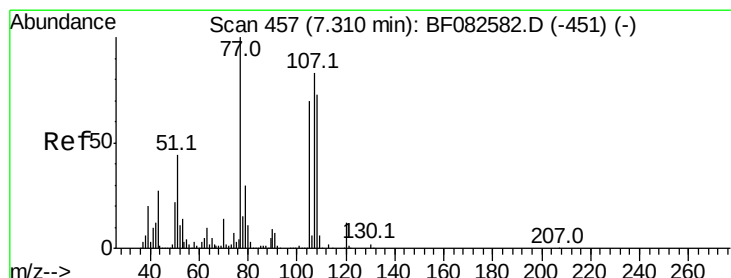
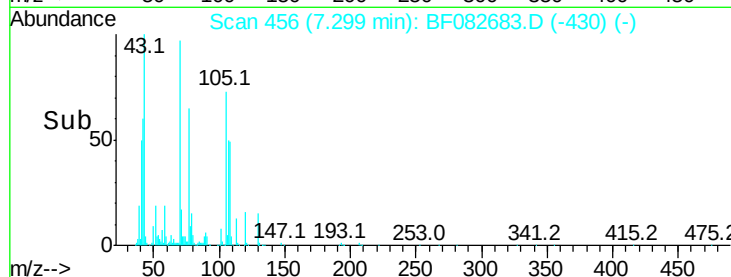
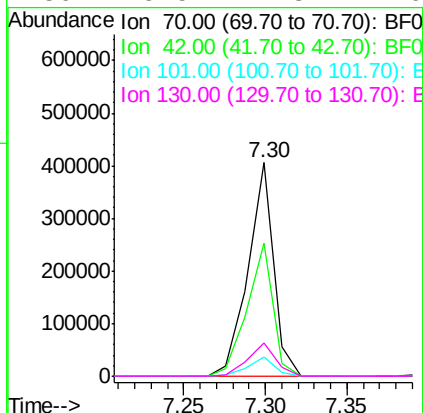
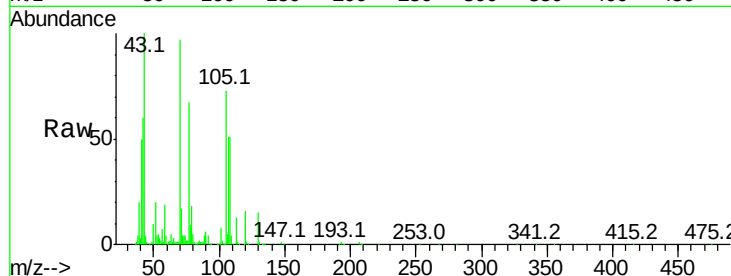




#19
n-Nitroso-di-n-propylamine
Concen: 38.20 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

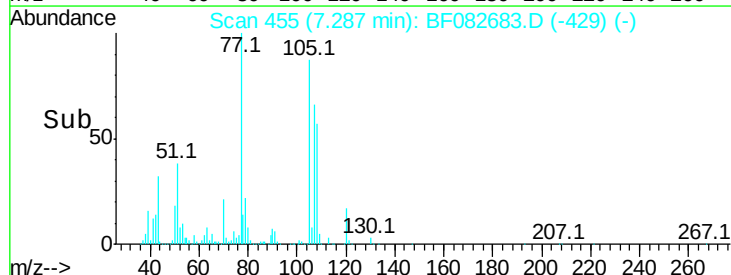
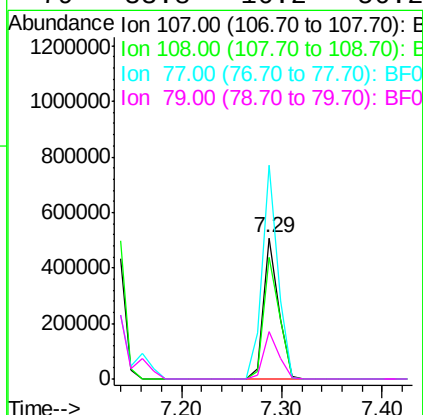
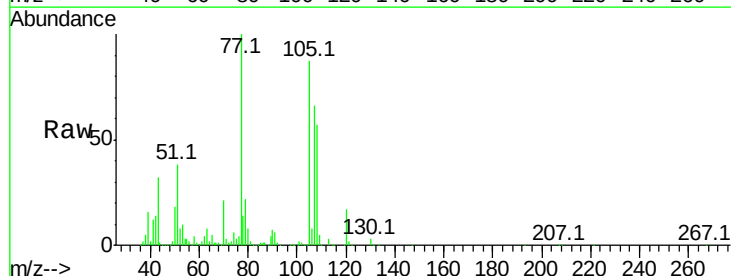
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

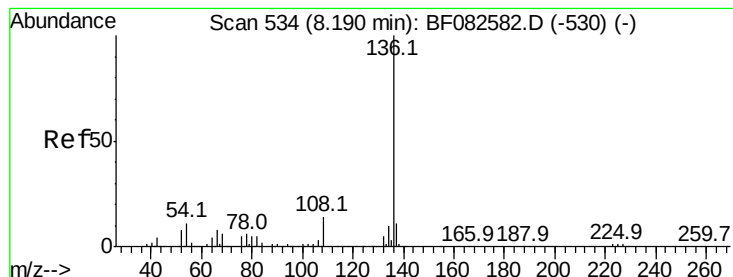
Tot Ion: 70 Resp: 441170
Ion Ratio Lower Upper
70 100
42 62.4 57.7 86.5
101 8.7 7.0 10.6
130 15.5 11.8 17.6



#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

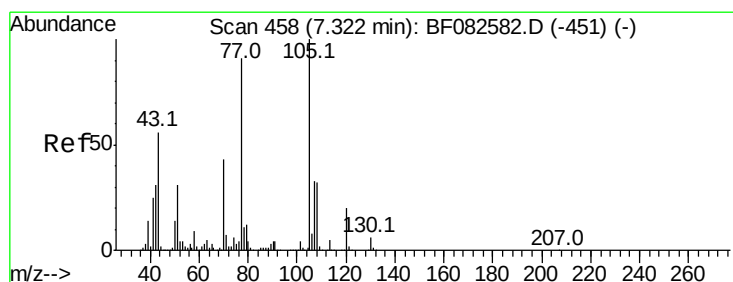
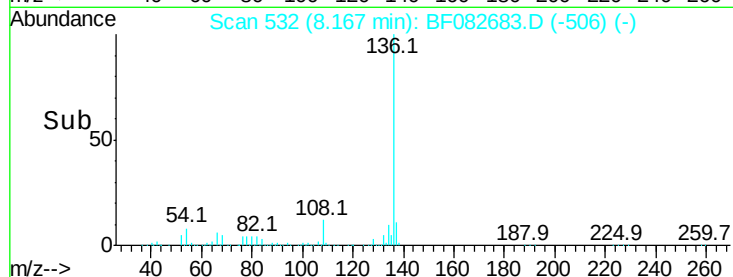
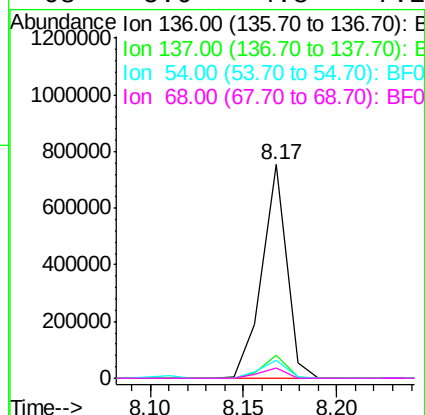
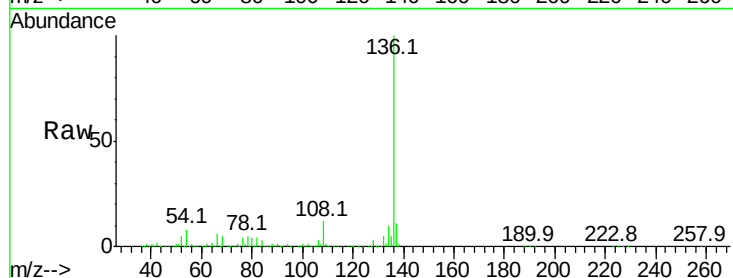
Instrument :

BNA_F

ClientSampleId :

GACMEDIA-151029MSD

Tot 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

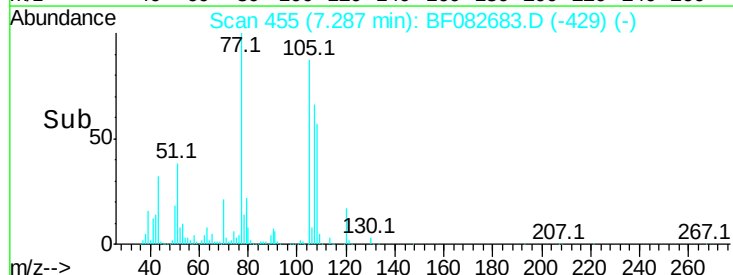
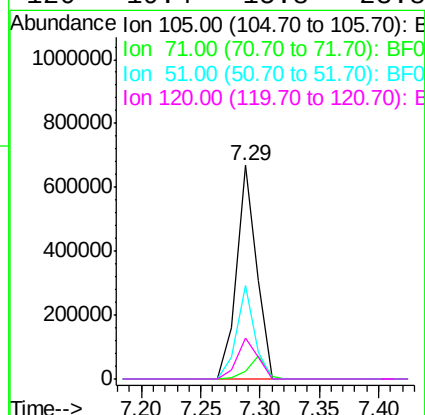
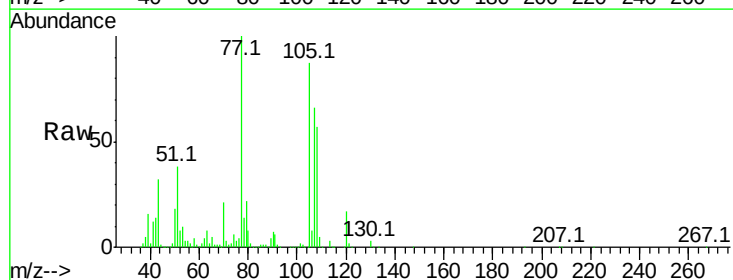
RT: 7.29 min Scan# 455

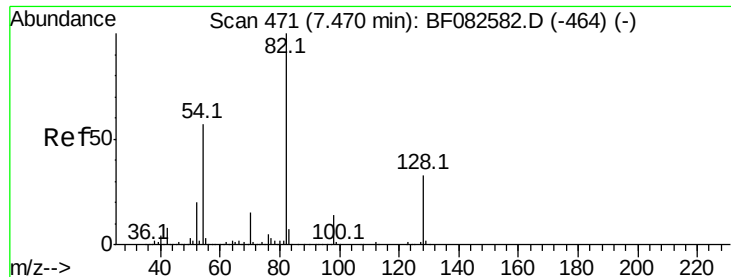
Delta R.T. 0.00 min

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

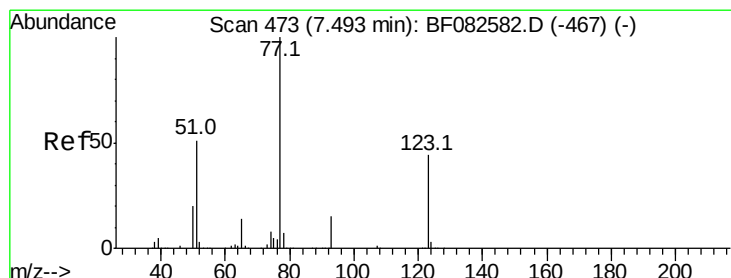
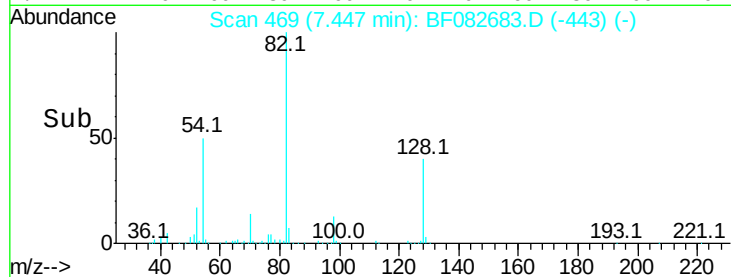
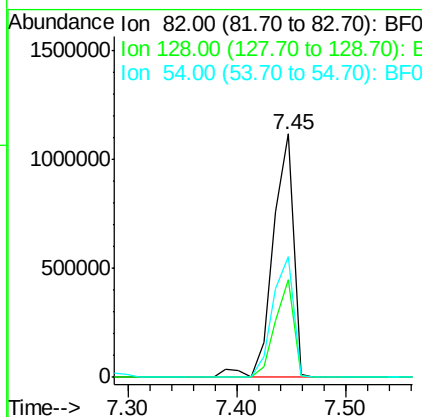
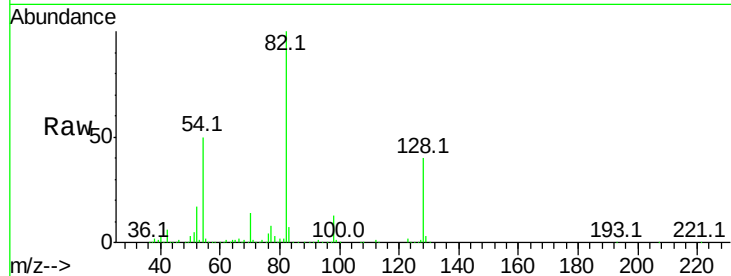




#23
 Nitrobenzene-d5
 Concen: 86.29 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

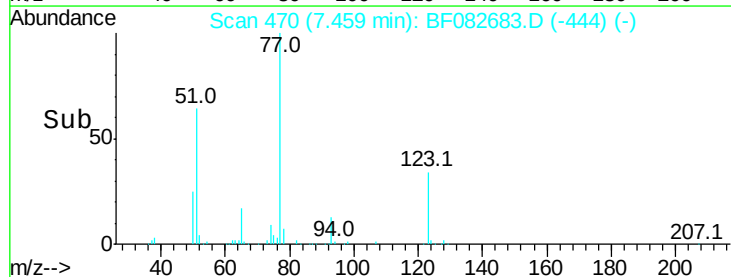
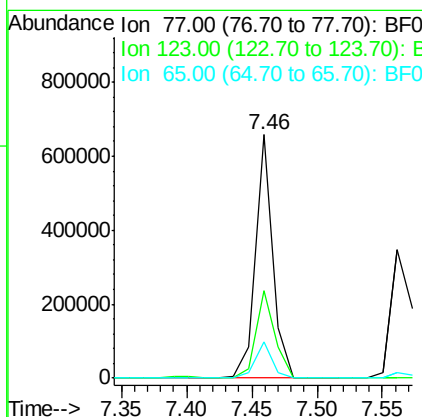
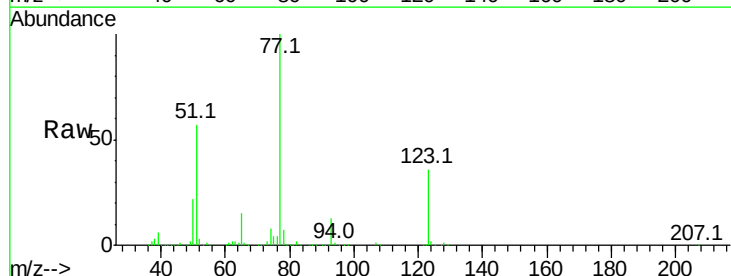
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

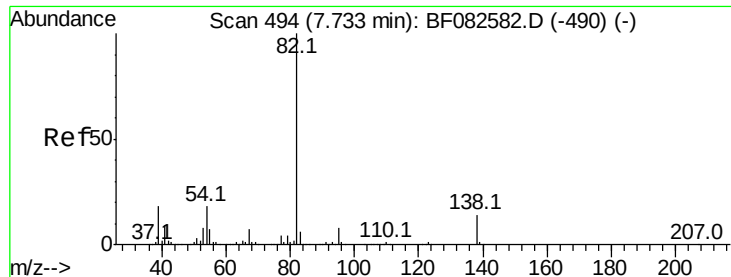
Tot Ion: 82 Resp: 1455663
 Ion Ratio Lower Upper
 82 100
 128 40.1 26.8 40.2
 54 49.8 45.7 68.5



#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

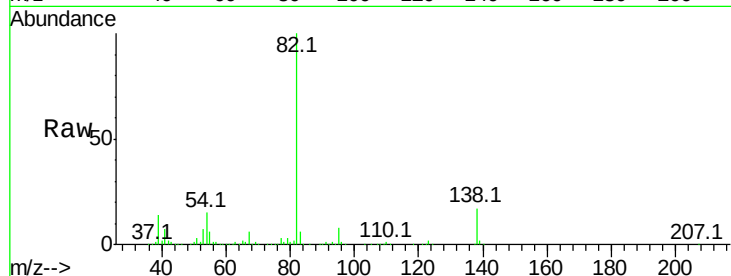
Tot Ion: 82 Resp: 1212608

Ion Ratio Lower Upper

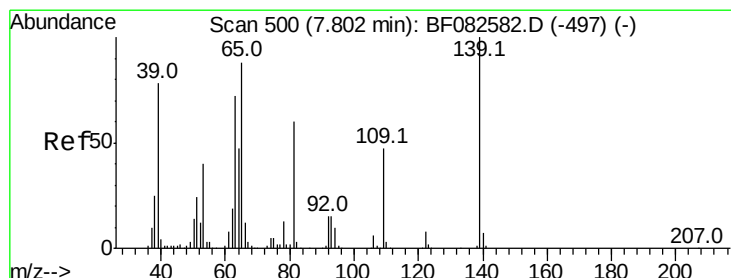
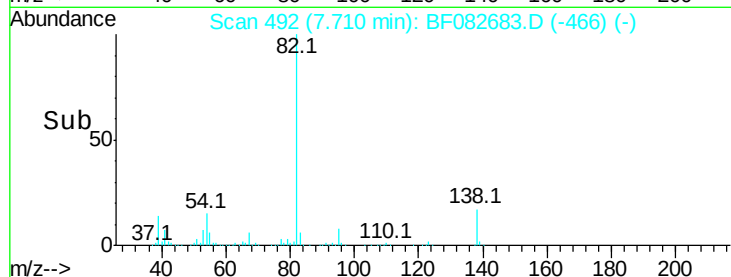
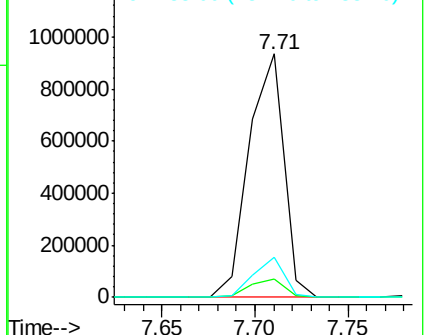
82 100

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

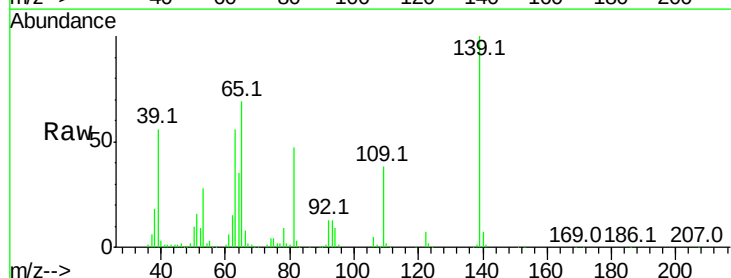
Tgt Ion: 139 Resp: 265010

Ion Ratio Lower Upper

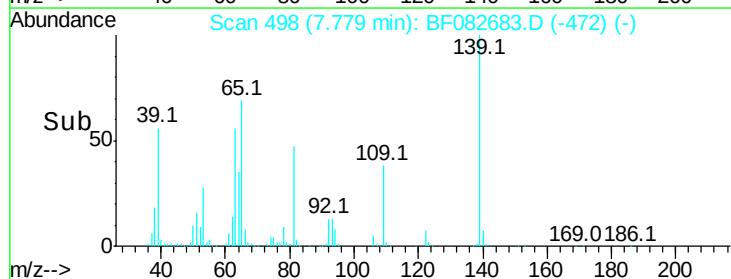
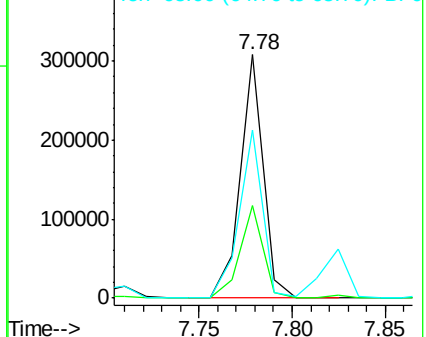
139 100

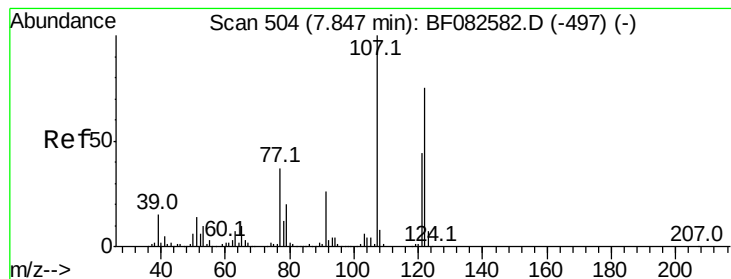
109 38.1 37.6 56.4

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

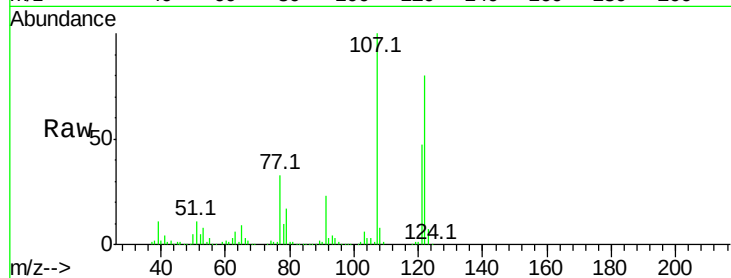
Tot Ion:122 Resp: 527182

Ion Ratio Lower Upper

122 100

107 125.5 106.0 159.0

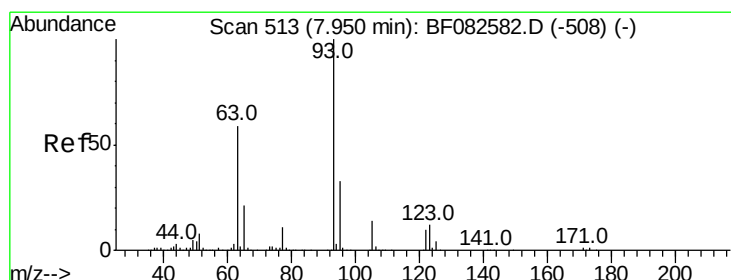
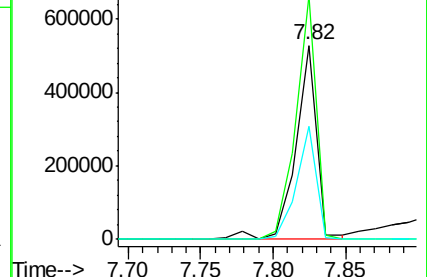
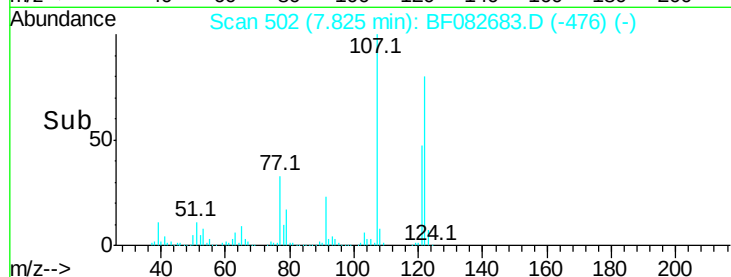
121 58.4 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

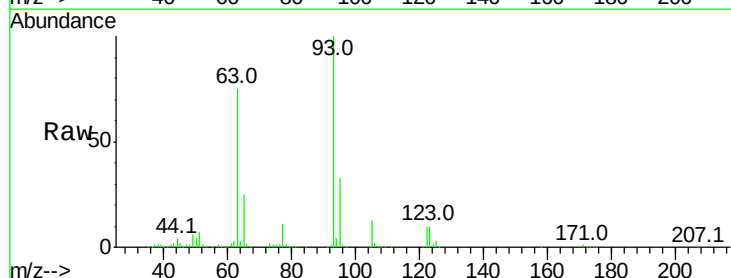
Tgt Ion: 93 Resp: 648020

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

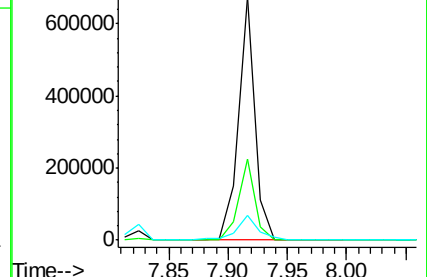
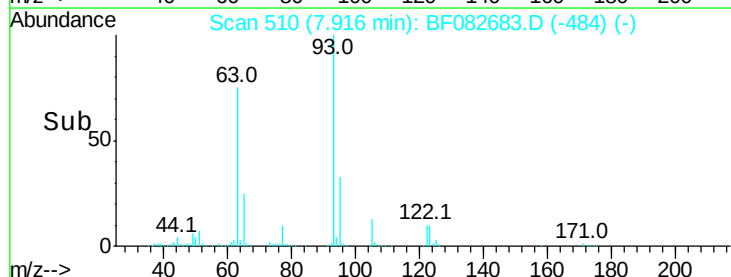
123 9.9 9.7 14.5

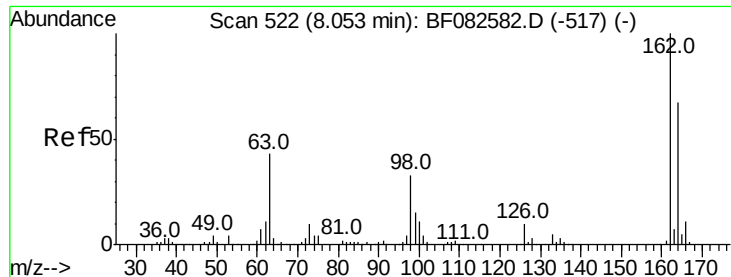


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

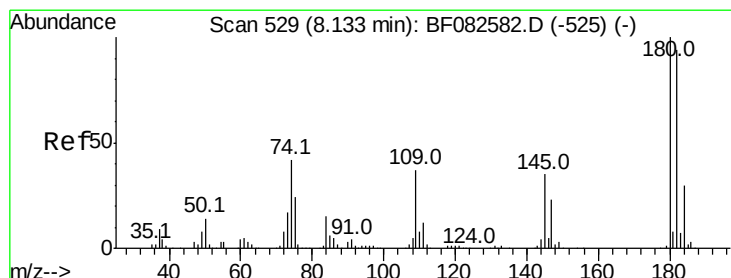
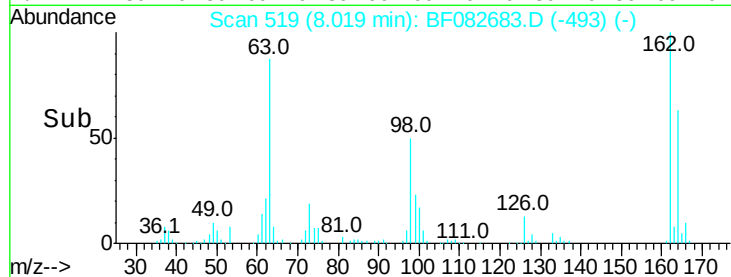
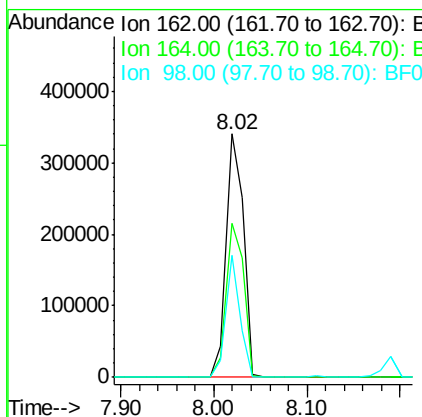
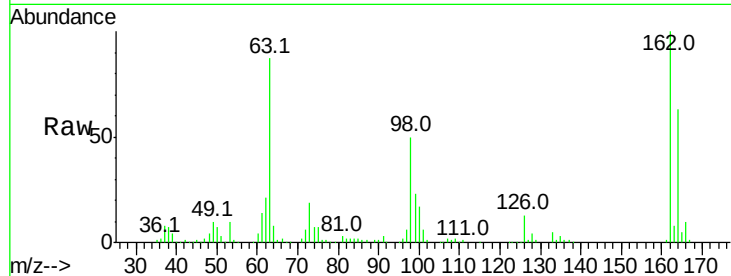




#29
 2,4-Dichlorophenol
 Concen: 39.88 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

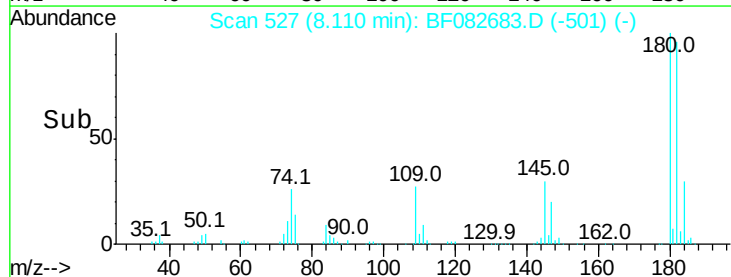
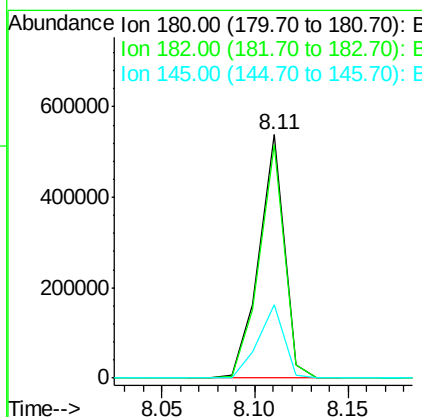
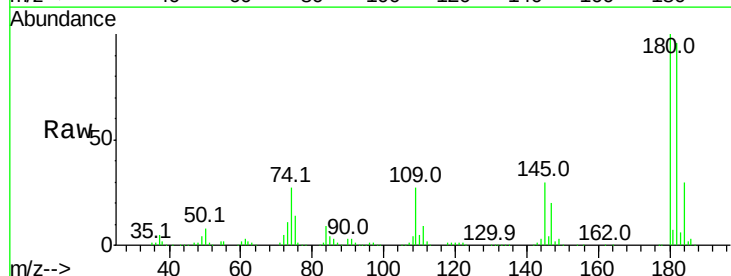
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

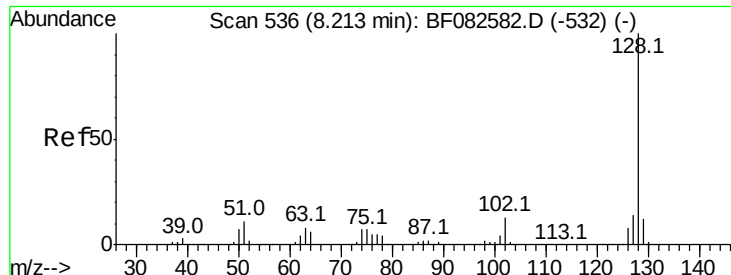
Tot Ion:162 Resp: 441993
 Ion Ratio Lower Upper
 162 100
 164 63.1 46.8 86.8
 98 49.9 12.5 52.5



#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

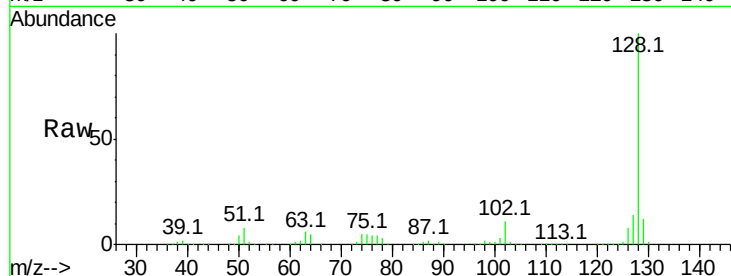




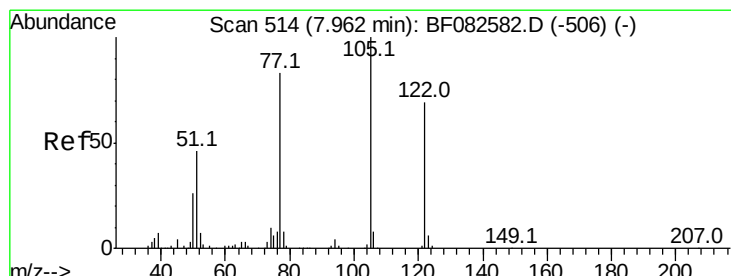
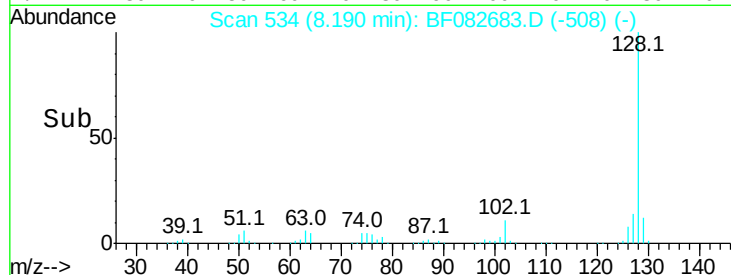
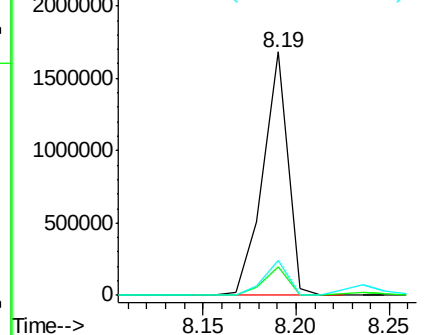
#31
Naphthalene
Concen: 41.51 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

Tot Ion:128 Resp: 1547368
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 14.2 11.4 17.0

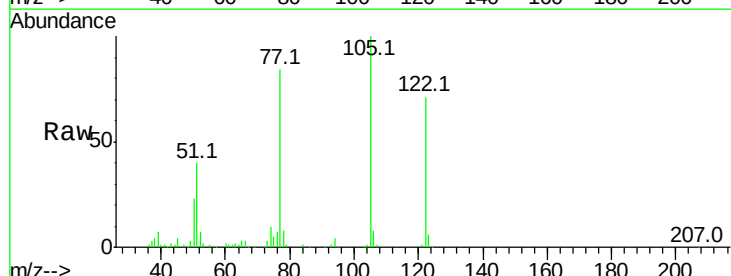


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

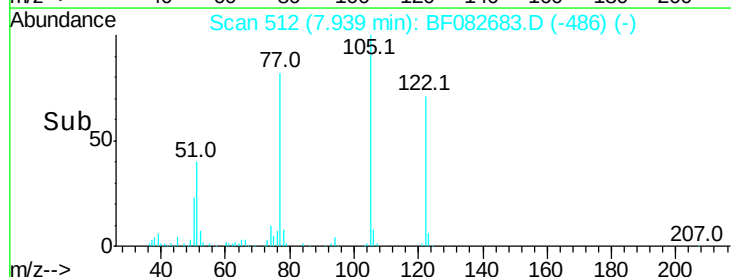
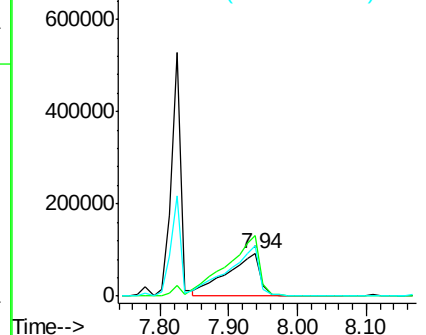


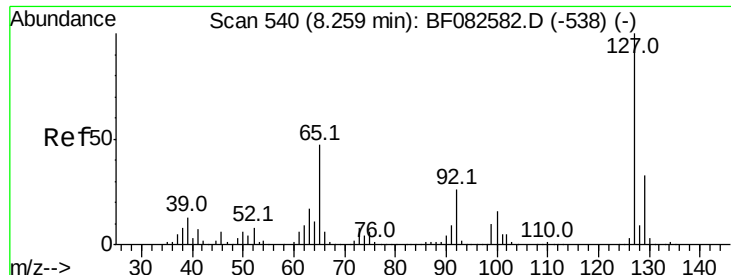
#32
Benzoic acid
Concen: 36.07 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

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

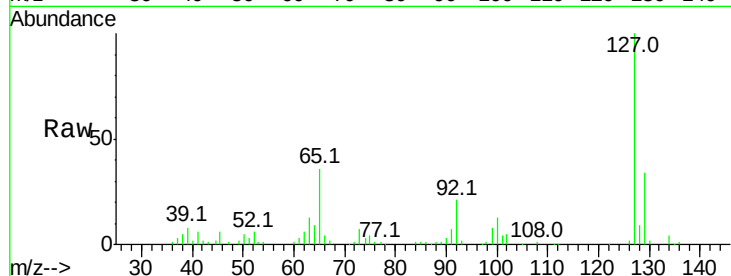




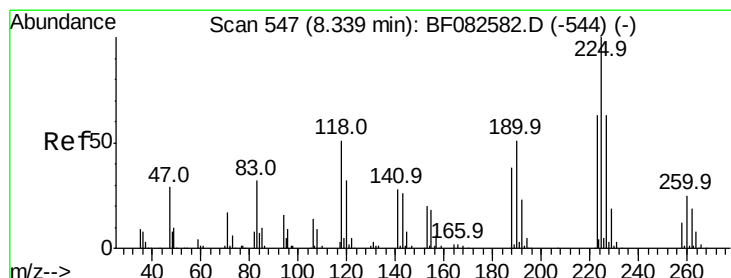
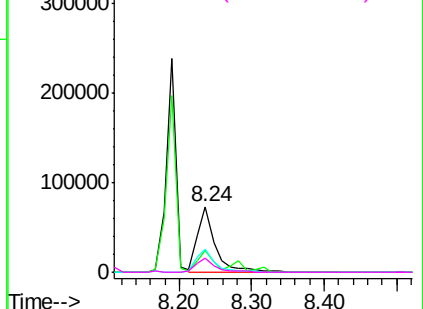
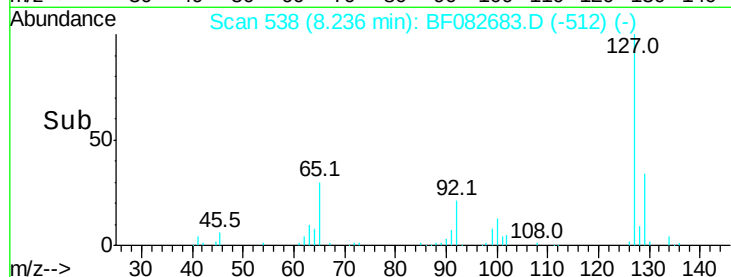
#33
4-Chloroaniline
Concen: 7.94 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

Tot 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#

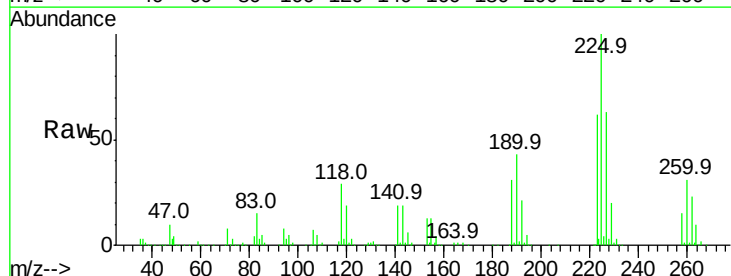


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

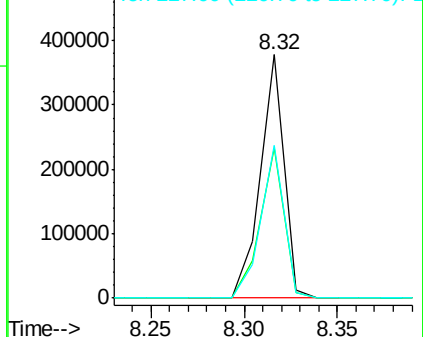
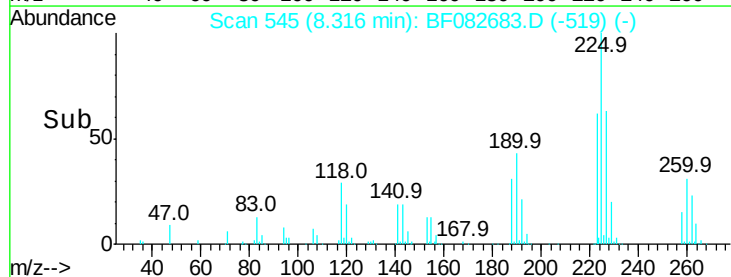


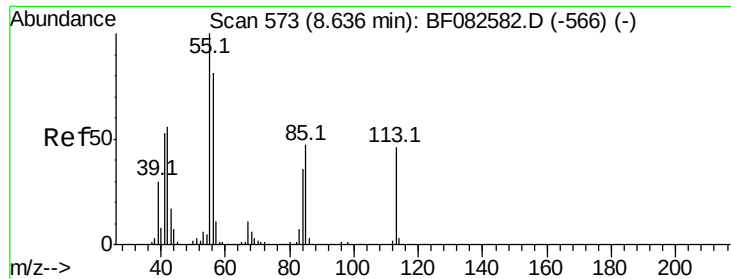
#34
Hexachlorobutadiene
Concen: 42.26 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

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

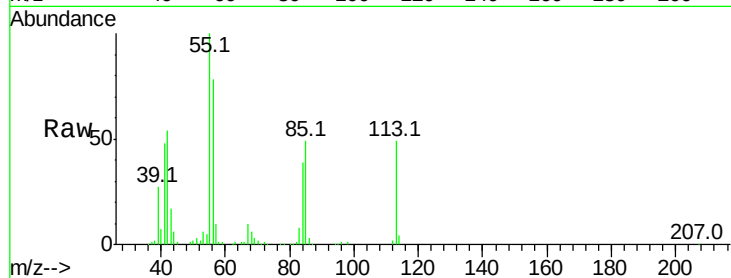




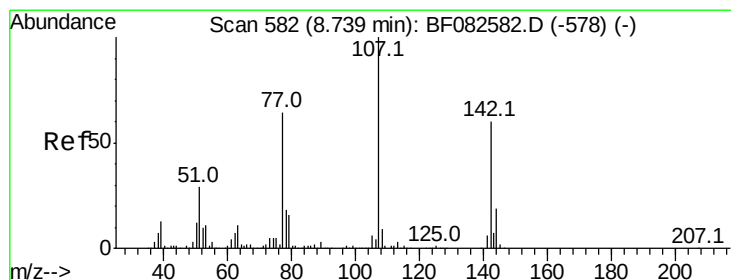
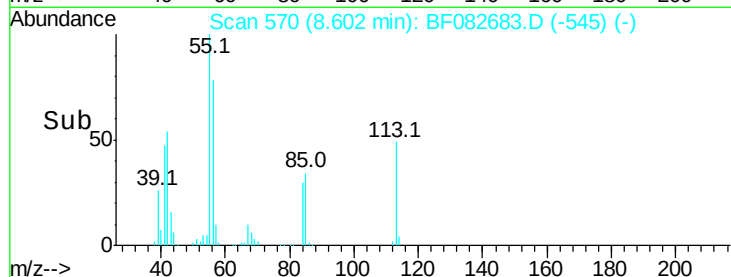
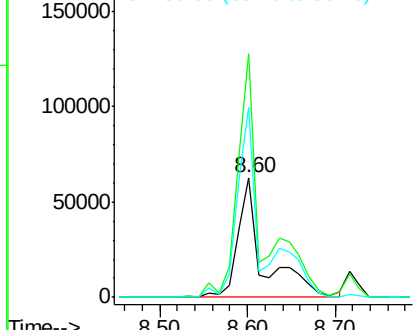
#35
 Caprolactam
 Concen: 37.98 ng/ml
 RT: 8.60 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tot Ion:113 Resp: 129168
 Ion Ratio Lower Upper
 113 100
 55 203.7 195.5 235.5
 56 159.3 153.5 193.5

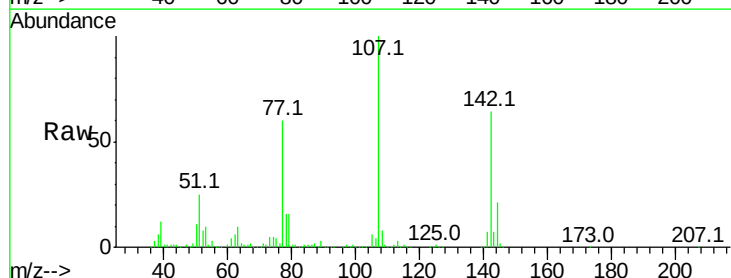


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

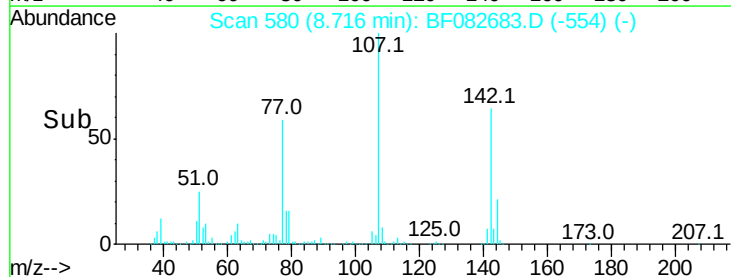
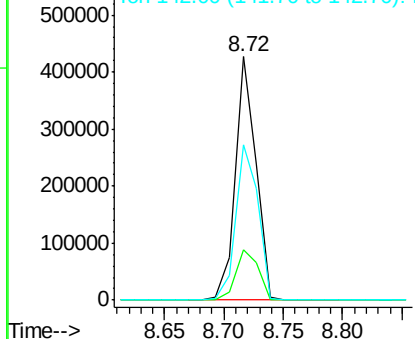


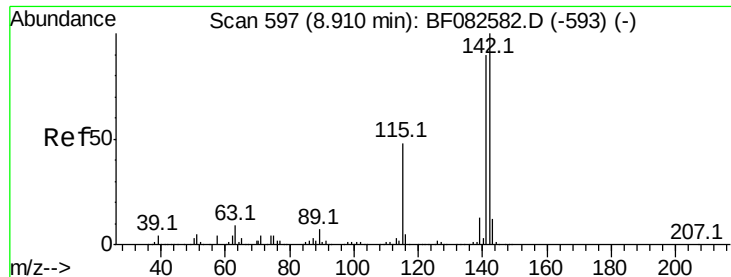
#36
 4-Chloro-3-methylphenol
 Concen: 39.52 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

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



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





#37

2-Methylnaphthalene

Concen: 41.31 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

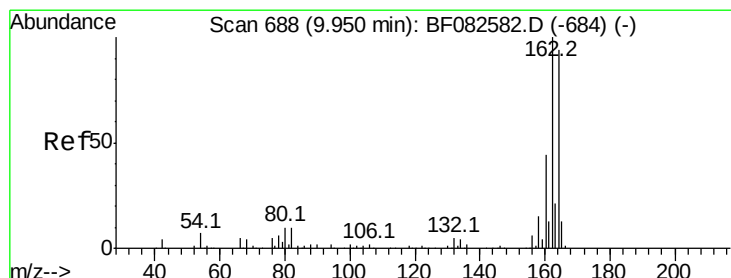
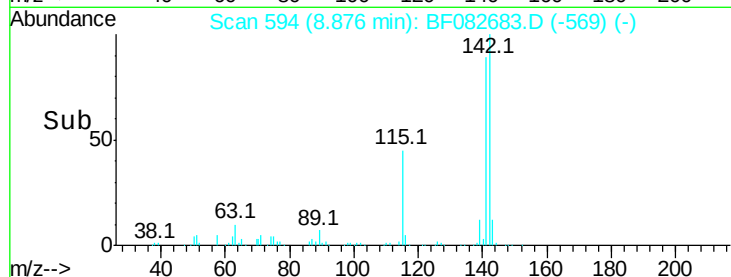
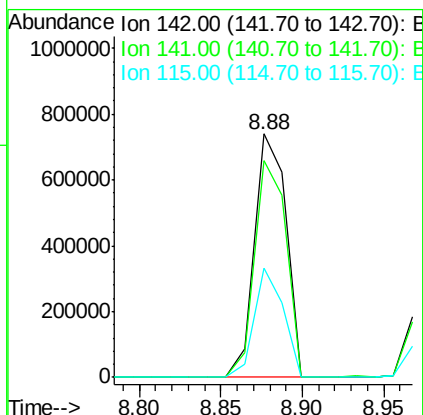
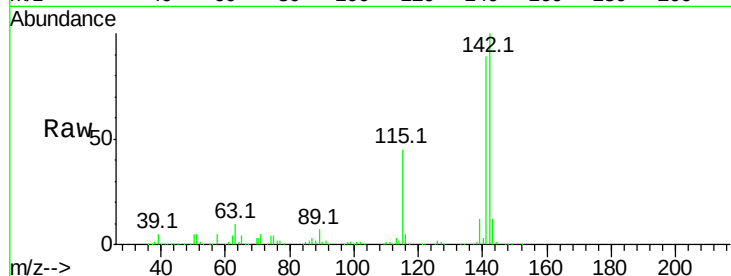
Lab File: BF082683.D

Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

Tot 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

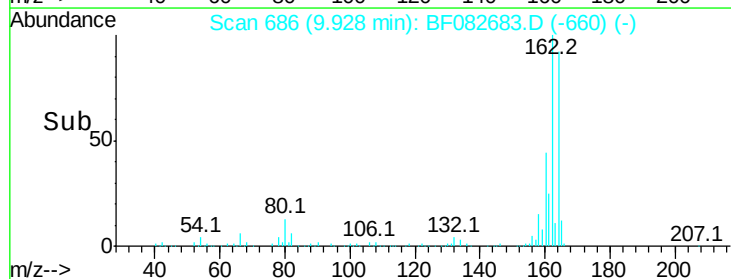
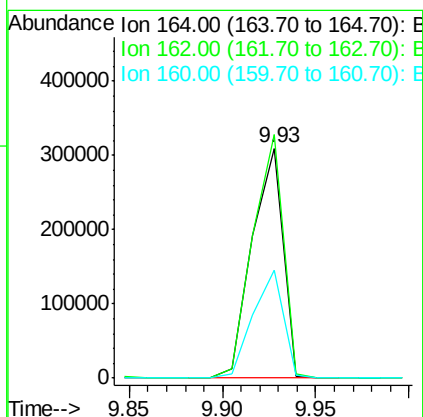
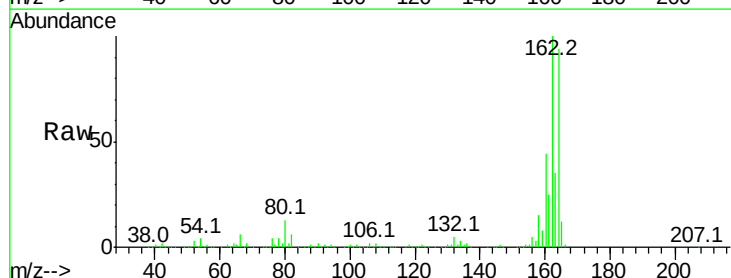
Delta R.T. 0.00 min

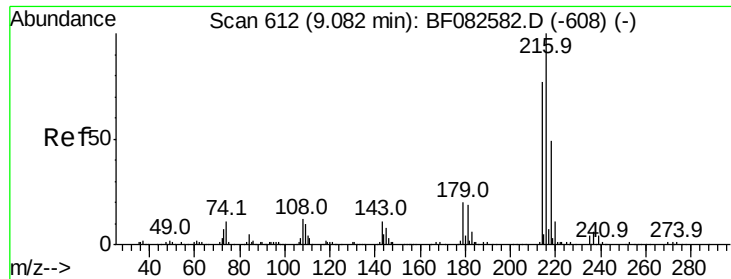
Lab File: BF082683.D

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

Tot Ion:216 Resp: 456583

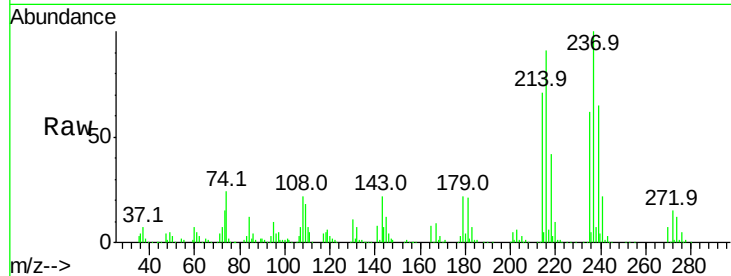
Ion Ratio Lower Upper

216 100

214 77.9 62.2 93.2

179 22.5 18.1 27.1

108 24.6 16.6 25.0

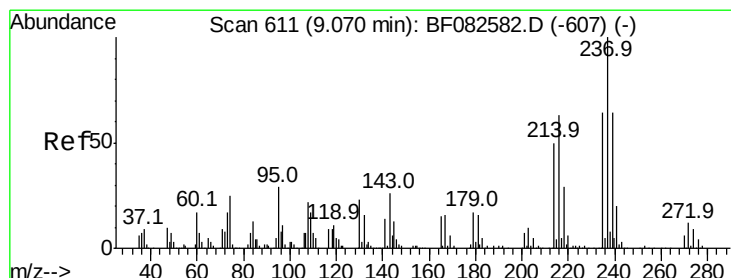
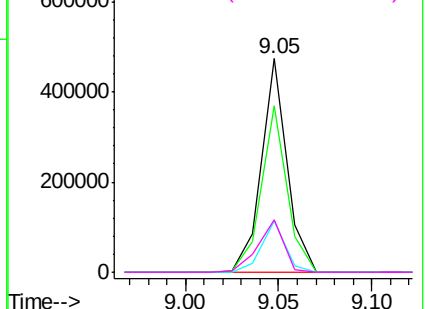
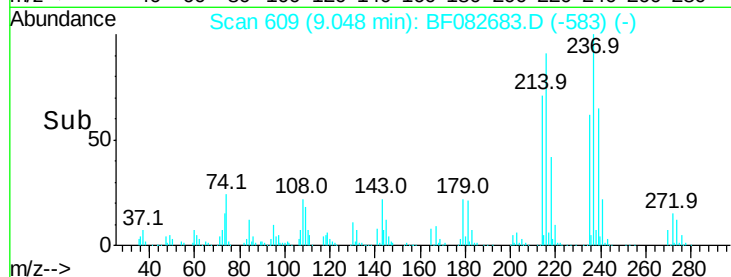


Abundance Ion 216.00 (215.70 to 216.70): E

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

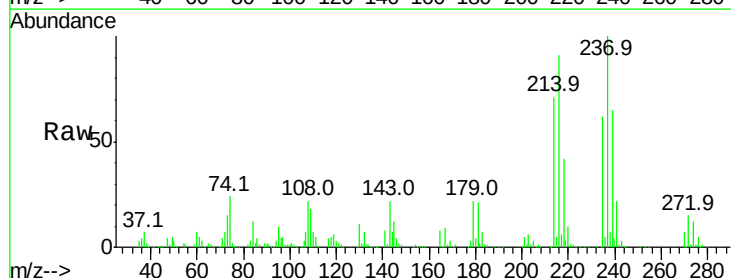
Tgt Ion:237 Resp: 607941

Ion Ratio Lower Upper

237 100

235 61.8 44.3 84.3

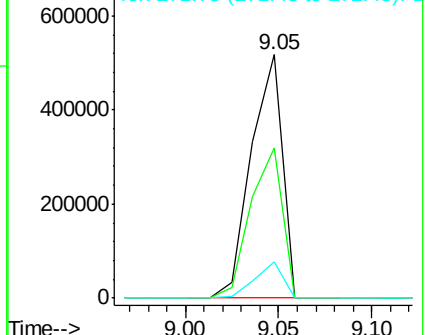
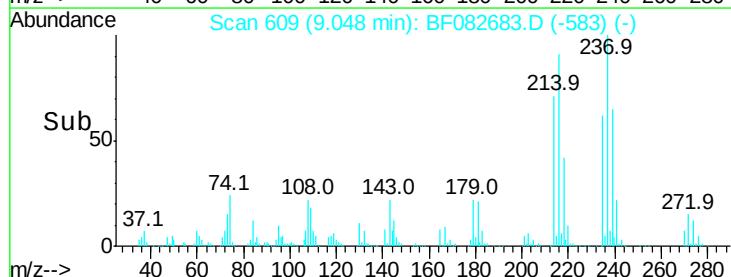
272 15.0 0.0 31.9

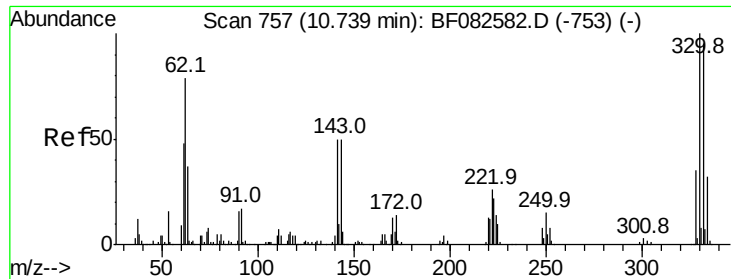


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

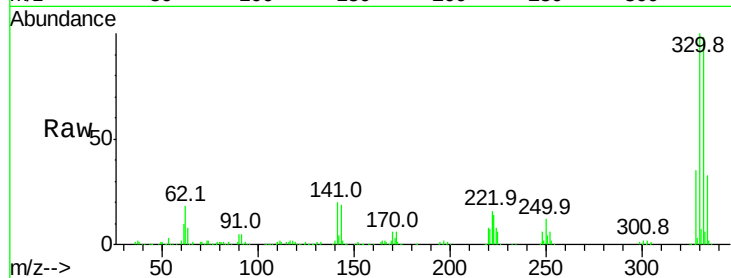




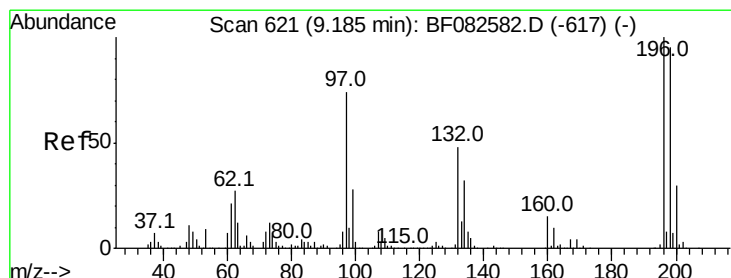
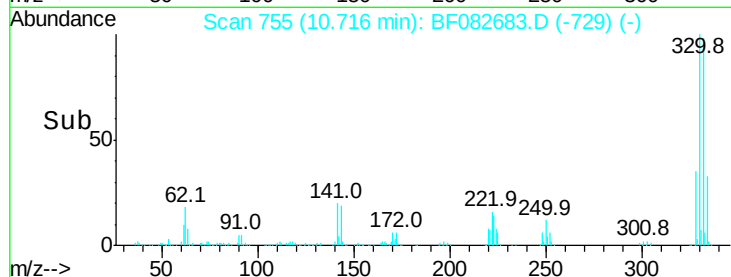
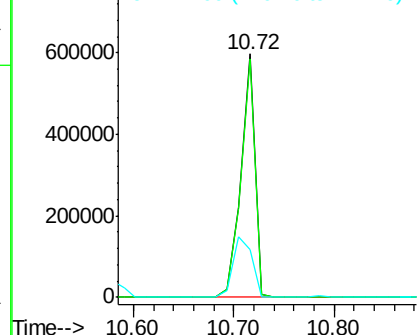
#41
 2,4,6-Tribromophenol
 Concen: 149.59 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

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

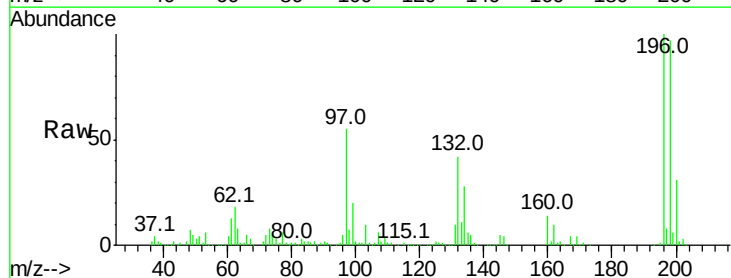


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

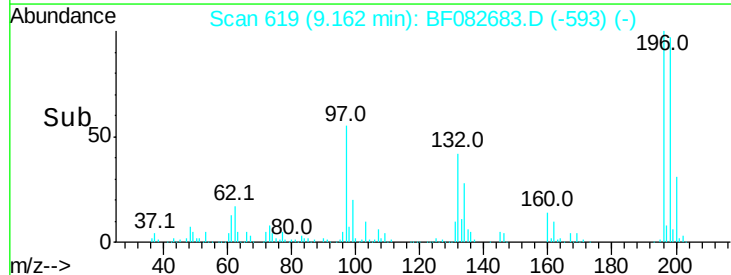
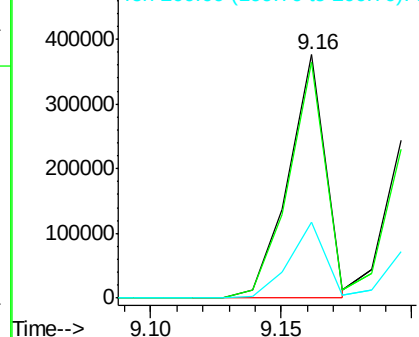


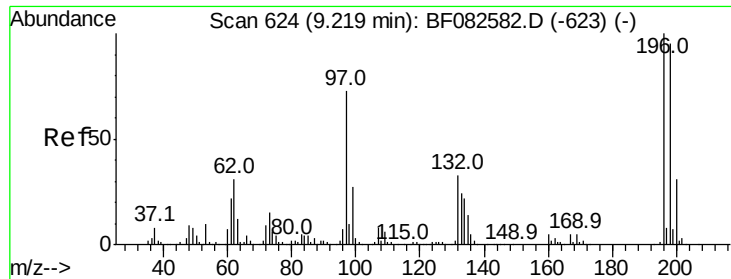
#42
 2,4,6-Trichlorophenol
 Concen: 43.31 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

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

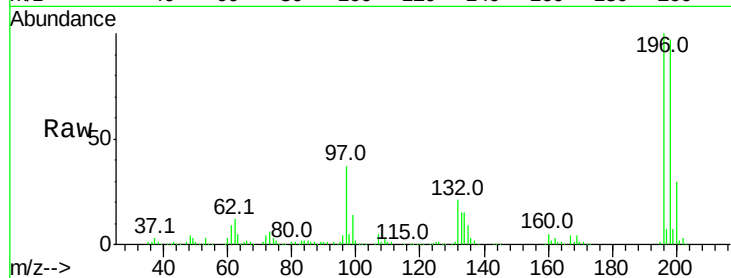




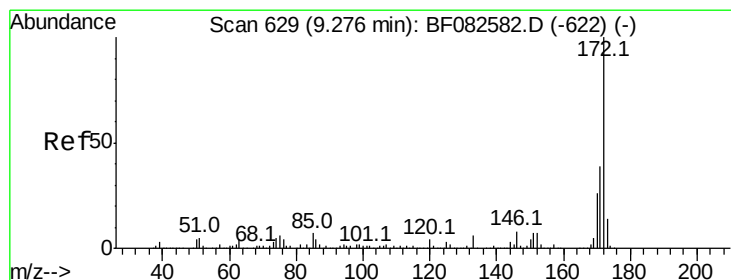
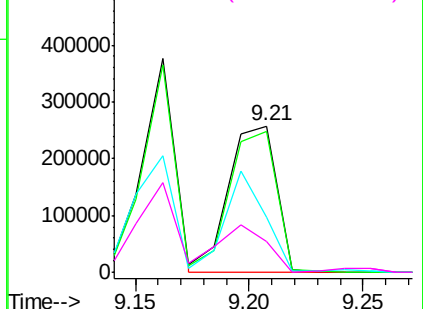
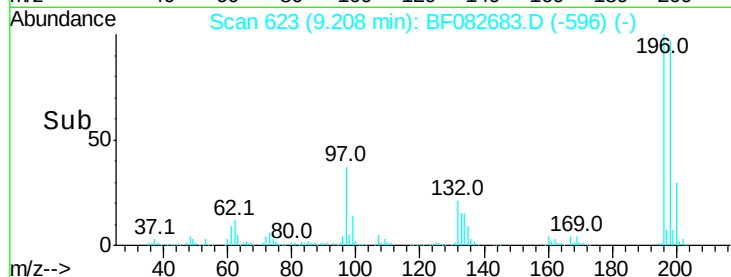
#43
 2,4,5-Trichlorophenol
 Concen: 44.40 ng/mL
 RT: 9.21 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

Tot Ion:196 Resp: 378234
 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#

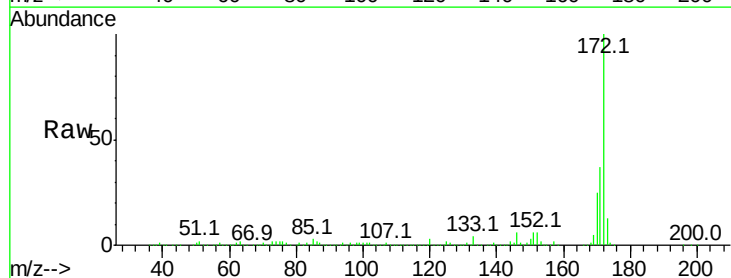


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

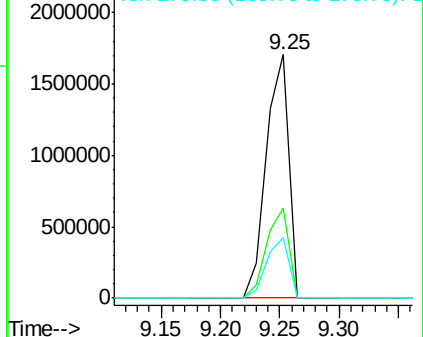
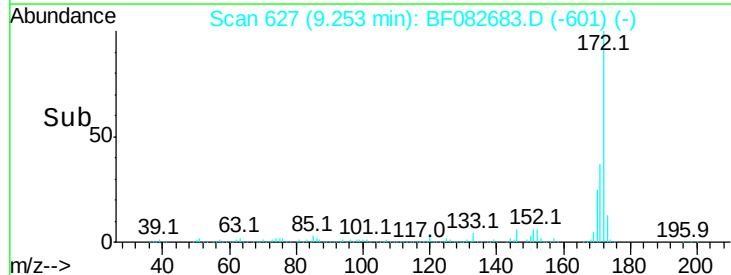


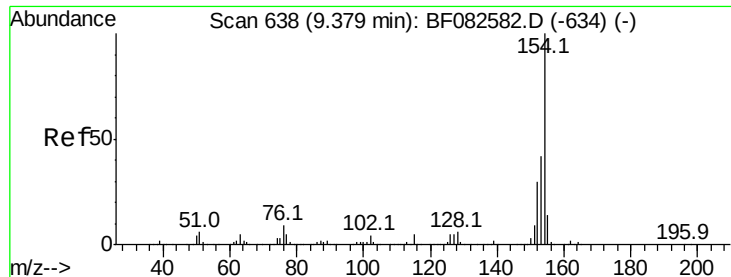
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng/mL
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

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

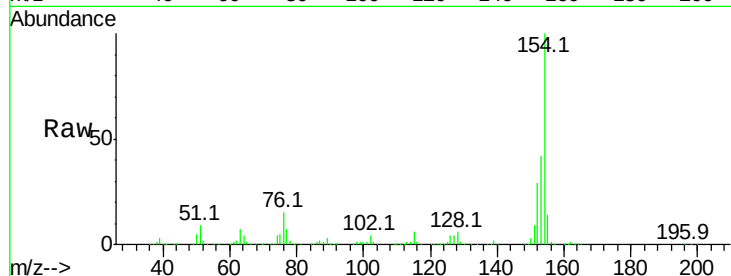




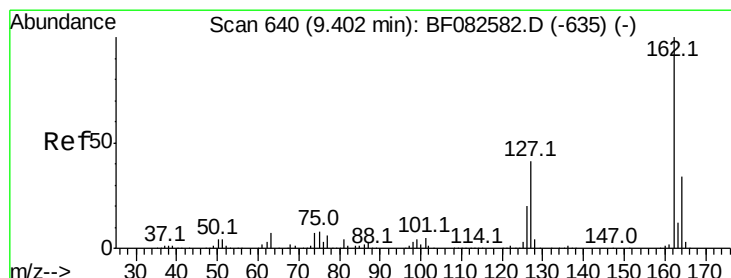
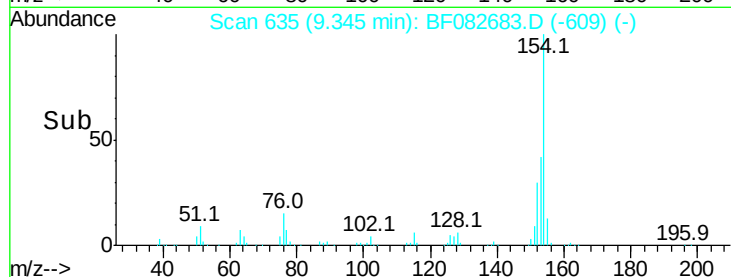
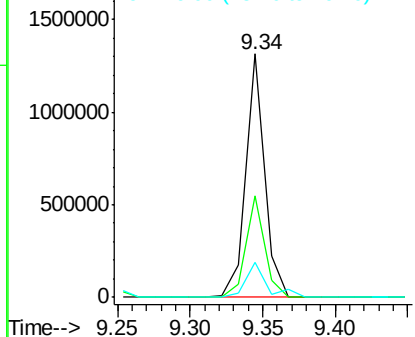
#45
1,1'-Biphenyl
Concen: 39.37 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

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

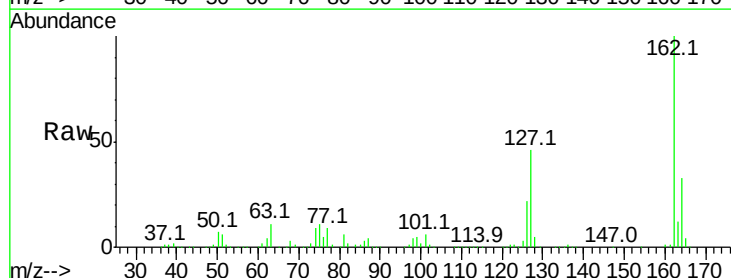


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

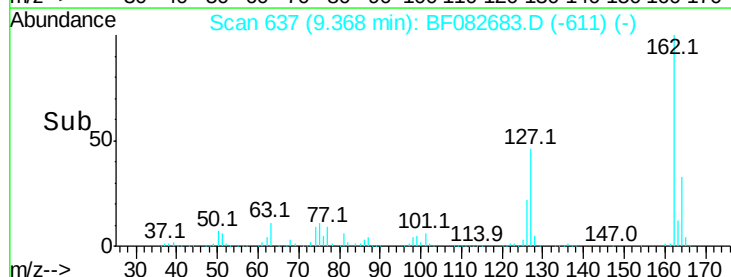
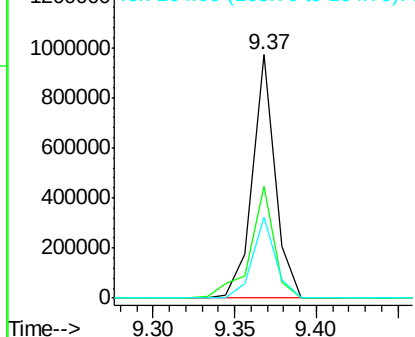


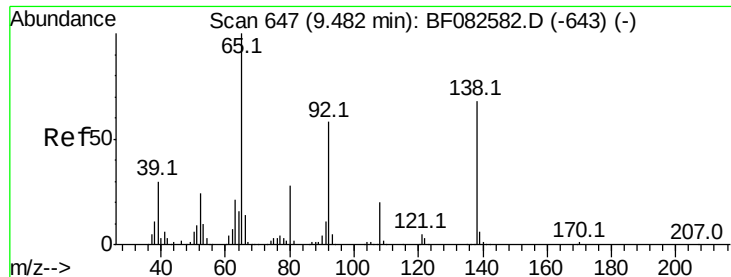
#46
2-Chloronaphthalene
Concen: 40.03 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

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

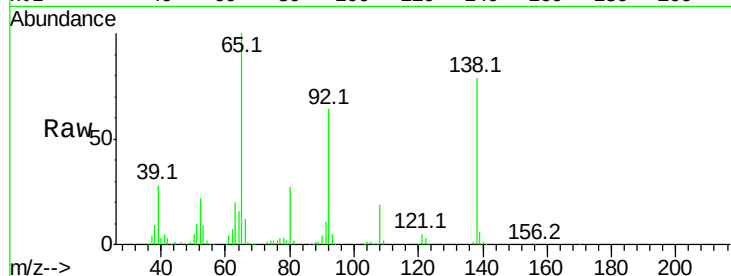
Tot Ion: 65 Resp: 351615

Ion Ratio Lower Upper

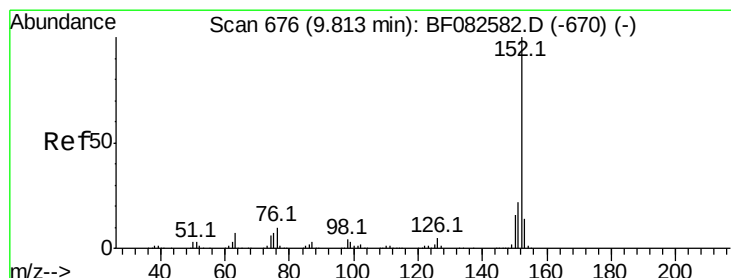
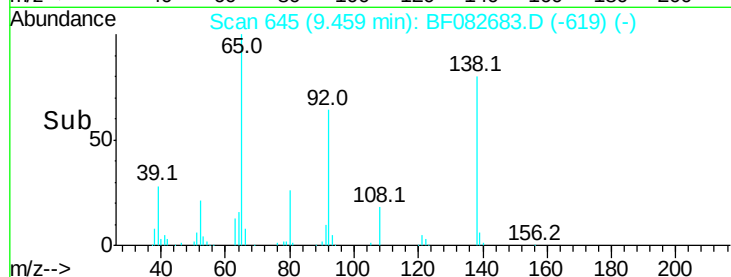
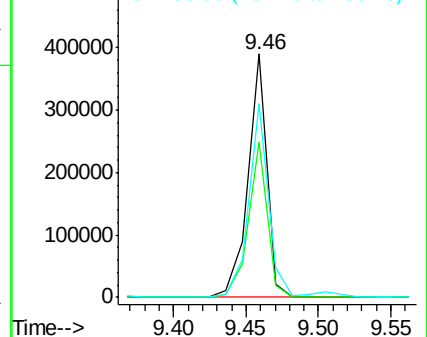
65 100

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

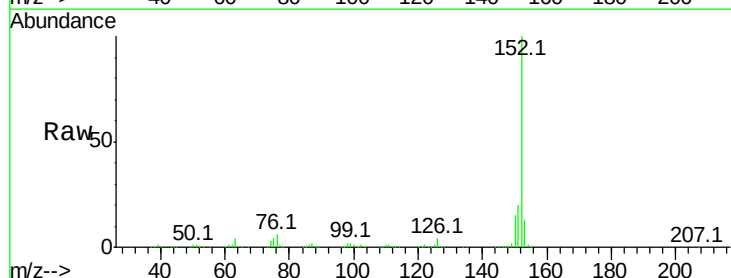
Tgt Ion: 152 Resp: 1588296

Ion Ratio Lower Upper

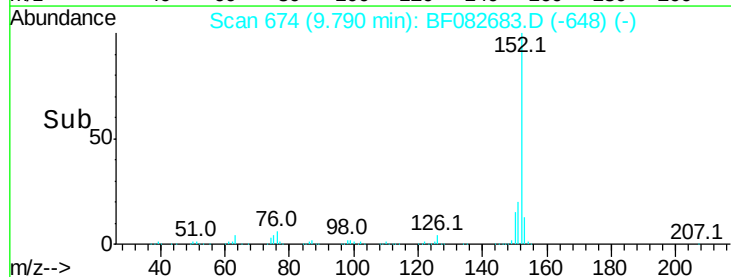
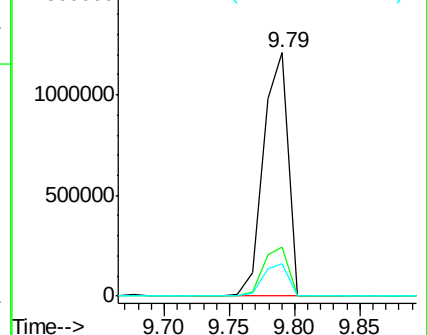
152 100

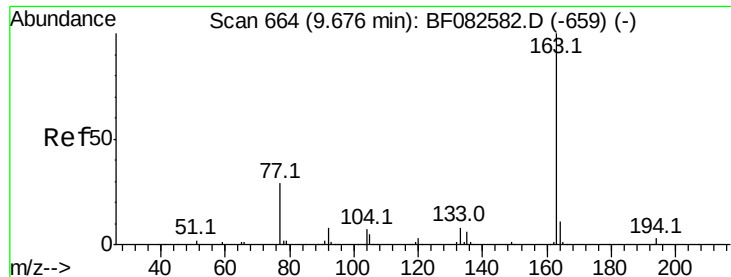
151 20.3 17.3 25.9

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

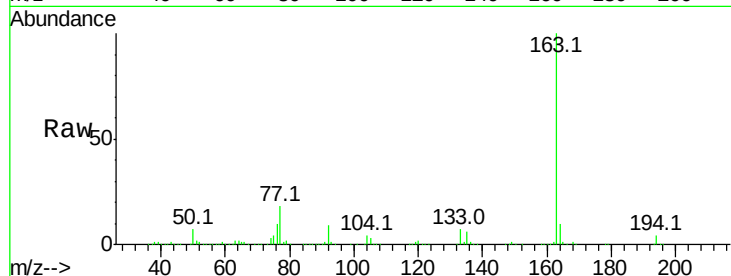
Tot Ion:163 Resp: 1321379

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

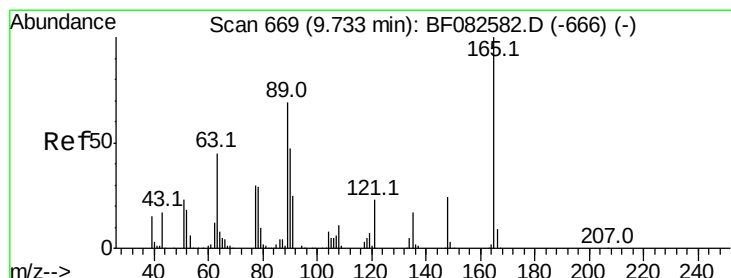
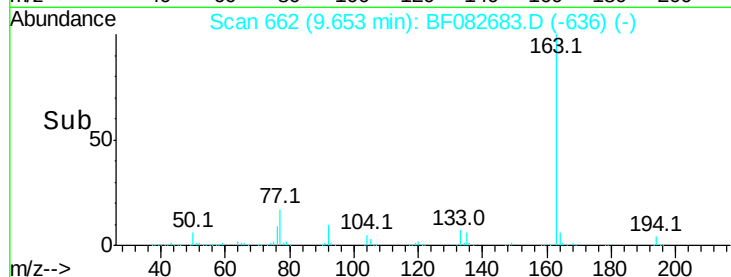
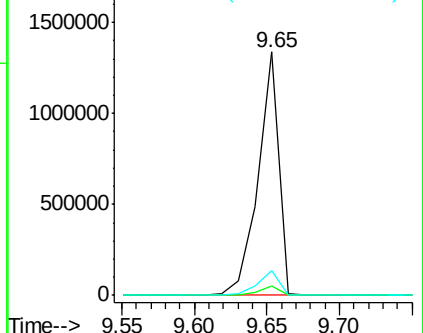
164 10.2 8.7 13.1



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

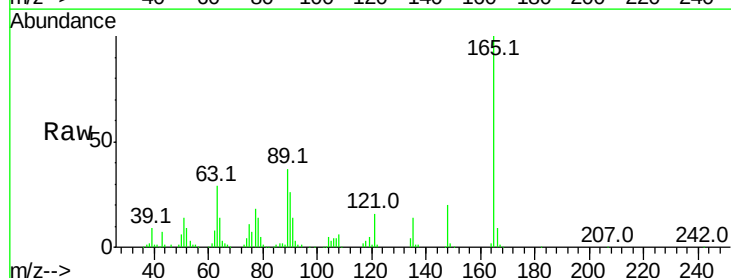
Tgt Ion:165 Resp: 269823

Ion Ratio Lower Upper

165 100

63 29.2 55.5 83.3#

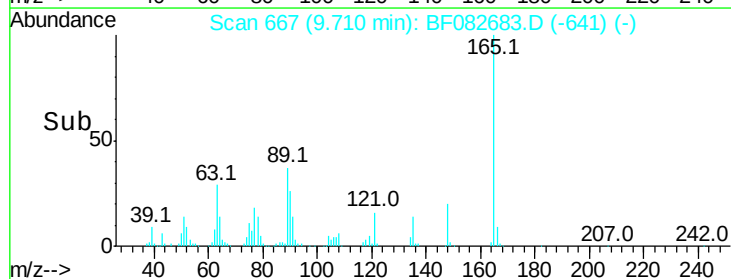
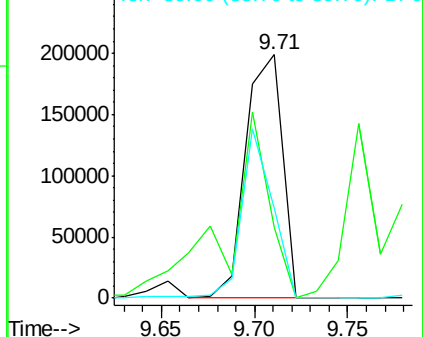
89 36.9 55.0 82.6#

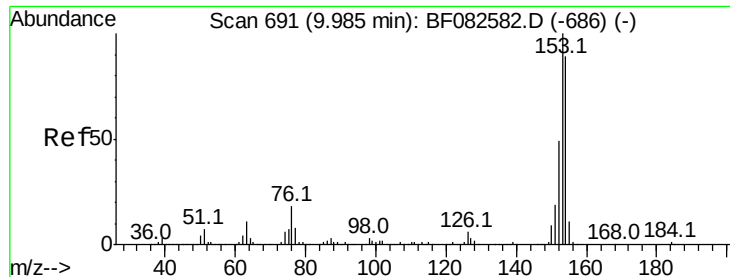


Abundance Ion 165.00 (164.70 to 165.70): E

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

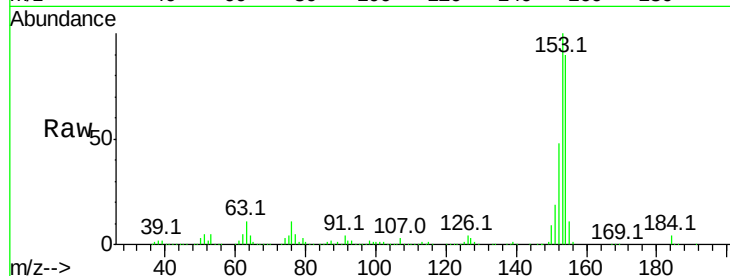
Tot Ion:154 Resp: 1133772

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

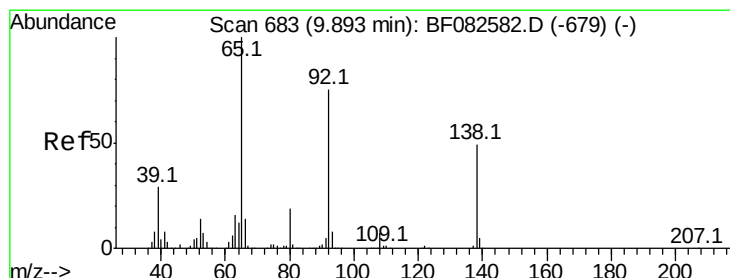
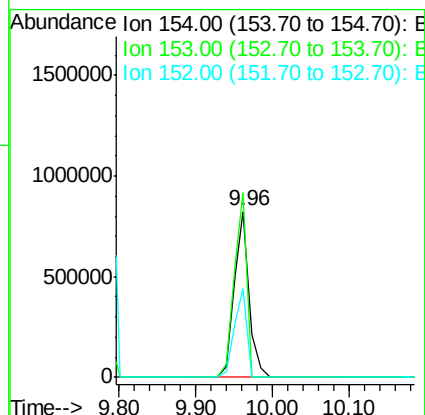
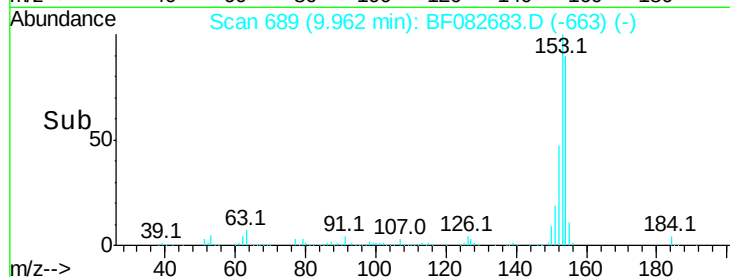
152 53.3 44.3 66.5



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

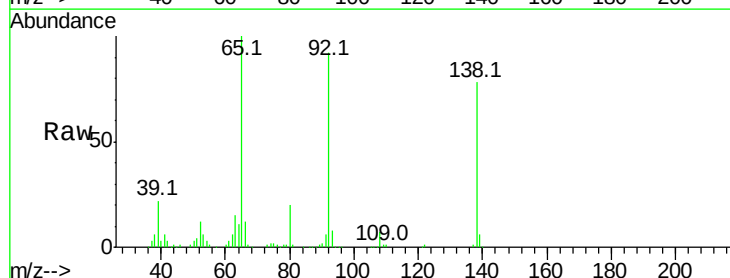
Tgt Ion:138 Resp: 149278

Ion Ratio Lower Upper

138 100

108 9.6 11.3 16.9#

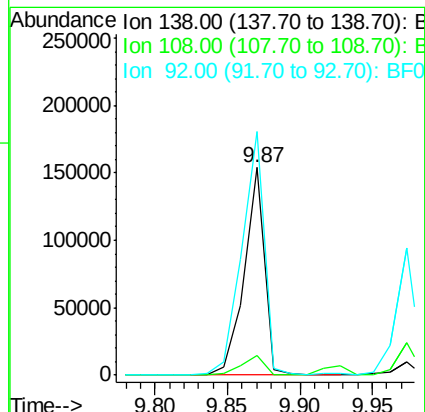
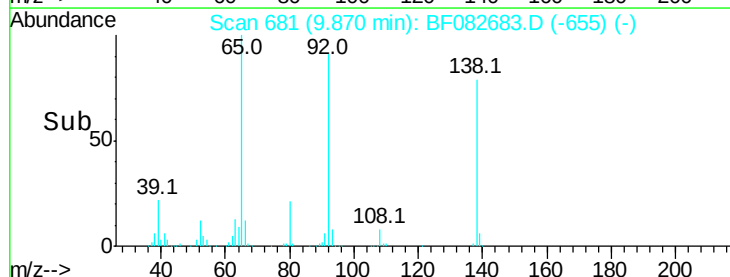
92 117.3 122.4 183.6#

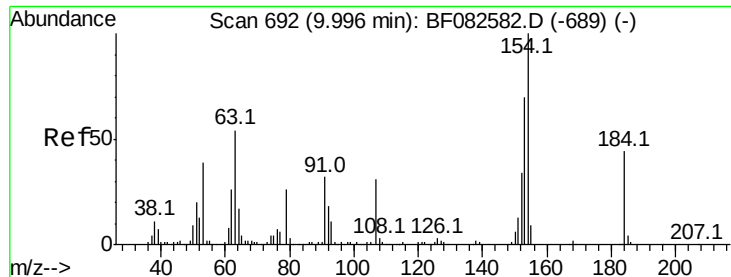


Abundance Ion 138.00 (137.70 to 138.70): E

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

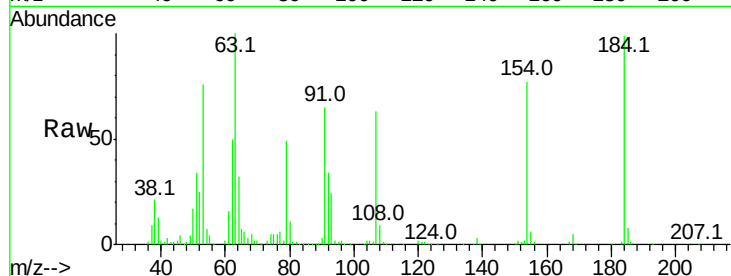
Tot Ion:184 Resp: 273941

Ion Ratio Lower Upper

184 100

63 100.7 98.6 148.0

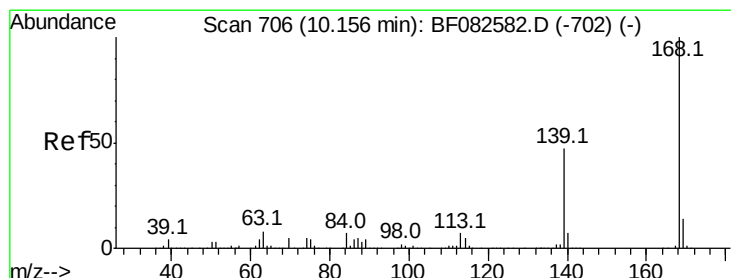
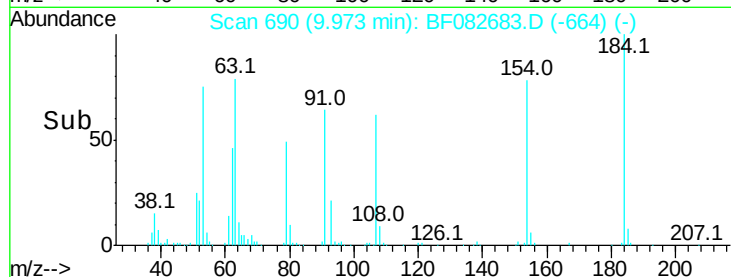
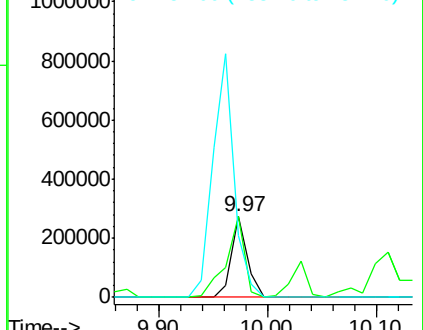
154 77.6 183.9 275.9#



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

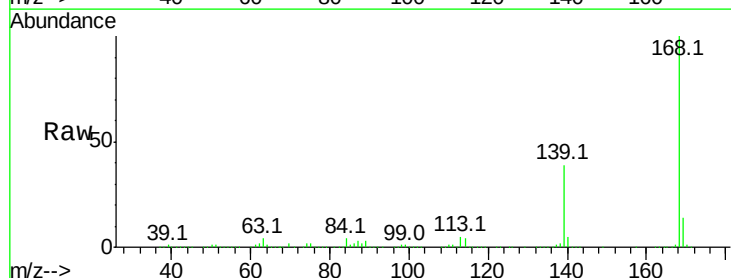
Tgt Ion:168 Resp: 1462099

Ion Ratio Lower Upper

168 100

139 39.2 37.8 56.6

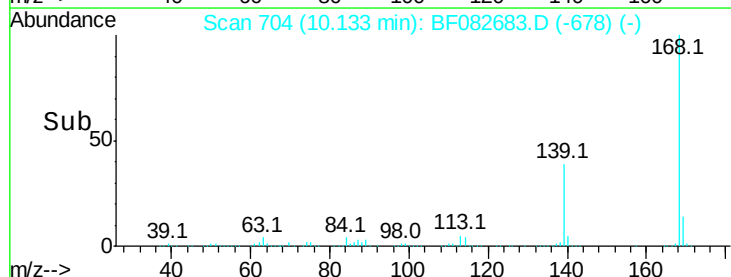
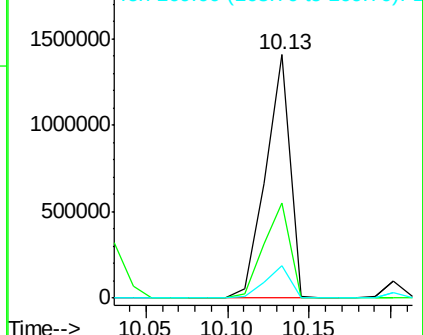
169 13.5 11.3 16.9

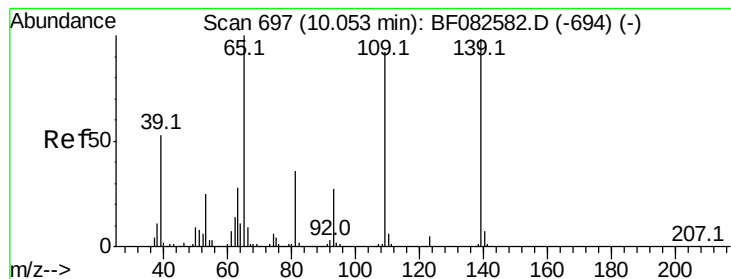


Abundance Ion 168.00 (167.70 to 168.70): E

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

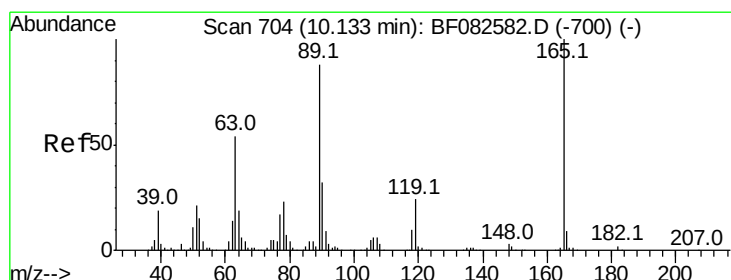
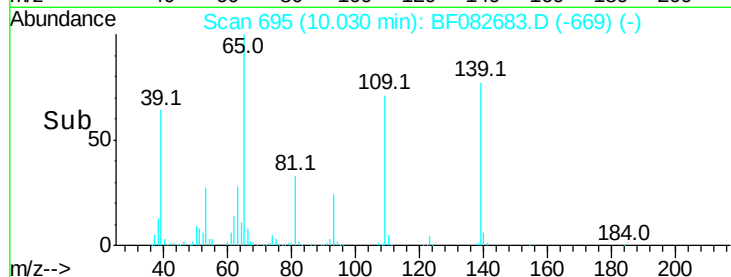
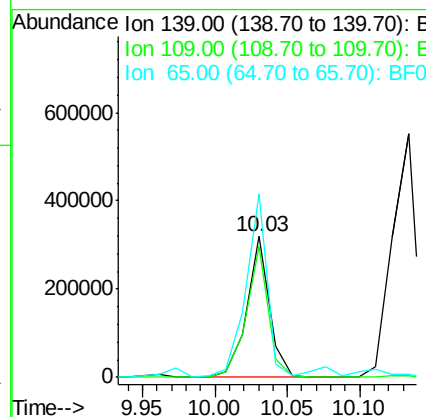
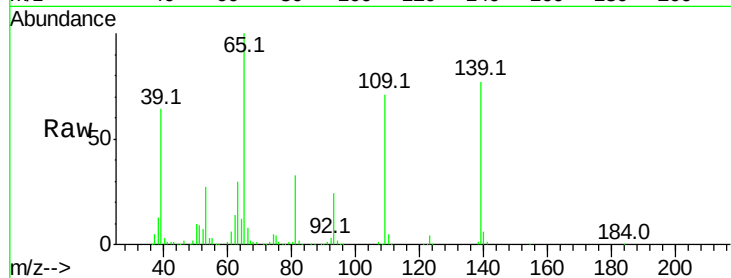
Tot Ion:139 Resp: 343082

Ion Ratio Lower Upper

139 100

109 92.8 73.7 113.7

65 130.4 82.9 122.9#



#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

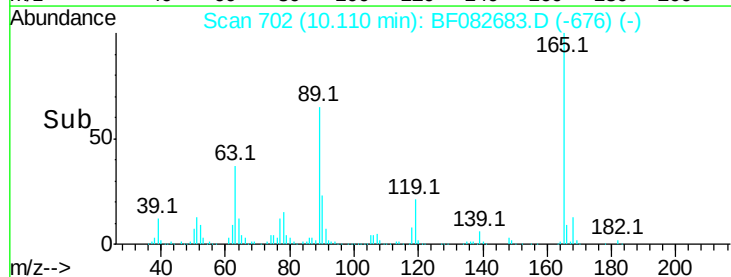
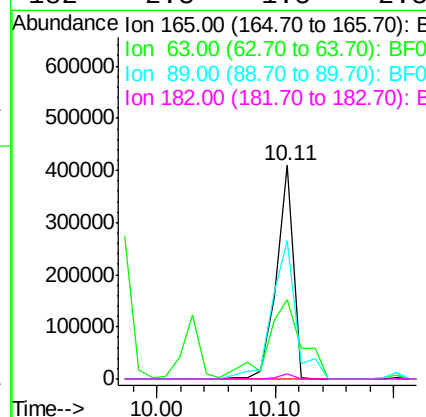
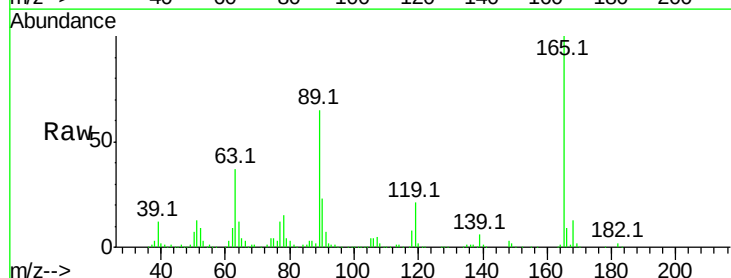
Ion Ratio Lower Upper

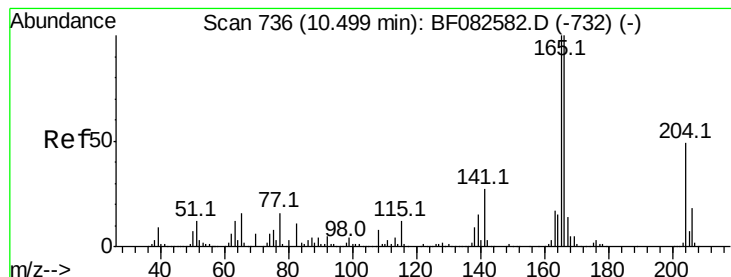
165 100

63 37.1 43.4 65.0#

89 65.0 70.6 106.0#

182 2.3 1.5 2.3#





#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

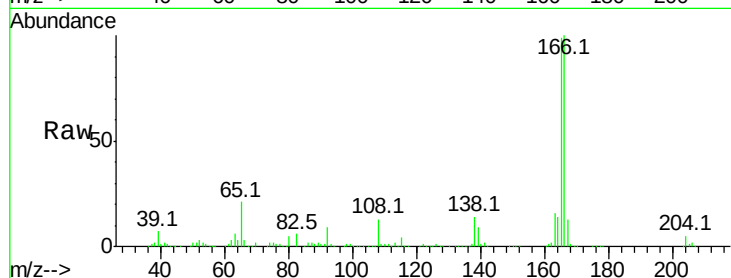
Tot Ion:166 Resp: 1126348

Ion Ratio Lower Upper

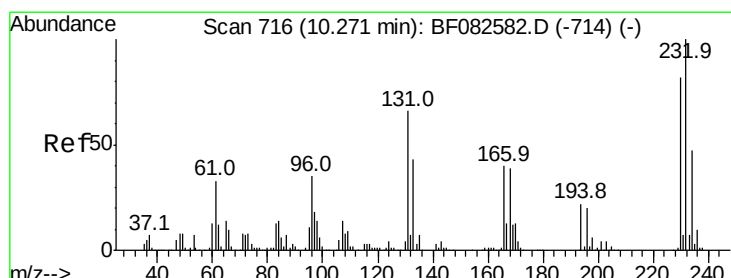
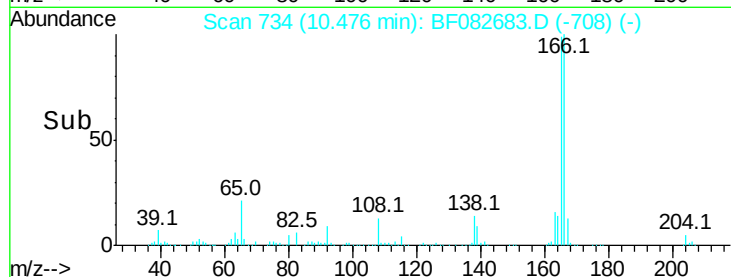
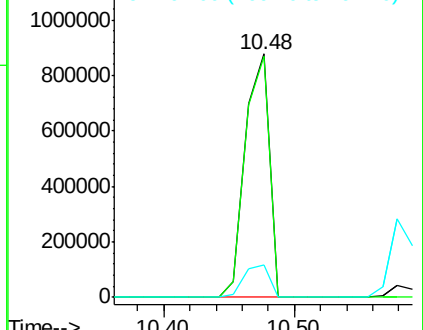
166 100

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

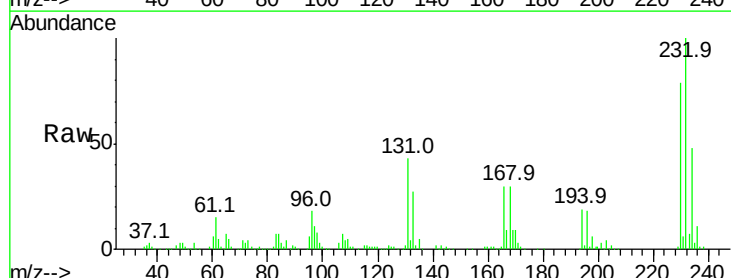
Ion Ratio Lower Upper

232 100

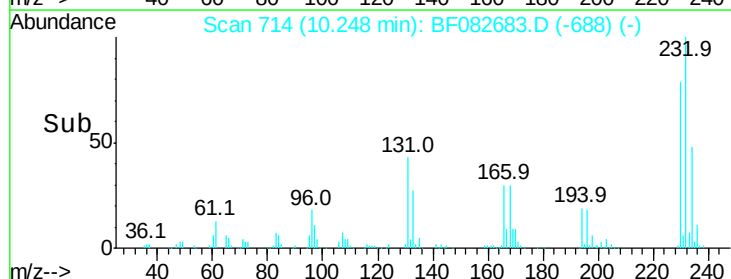
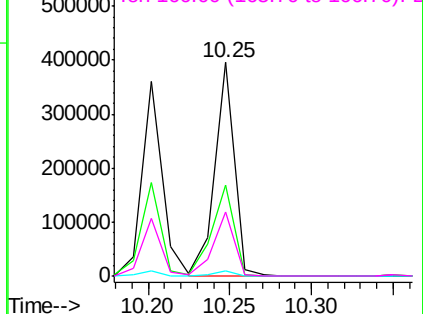
131 48.1 46.2 69.2

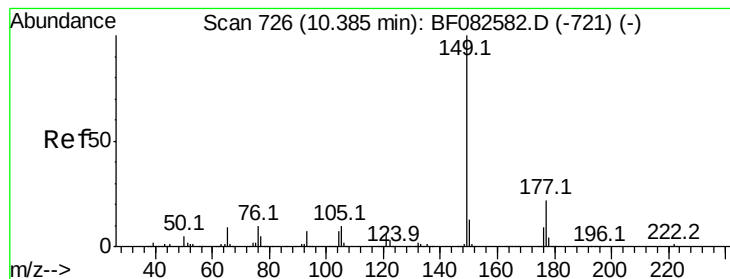
130 2.5 2.4 3.6

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

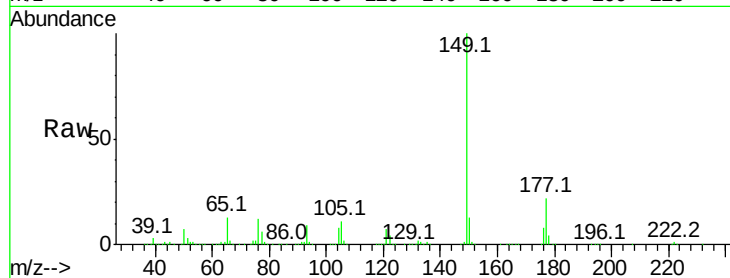
Tot Ion:149 Resp: 1222215

Ion Ratio Lower Upper

149 100

177 21.8 17.9 26.9

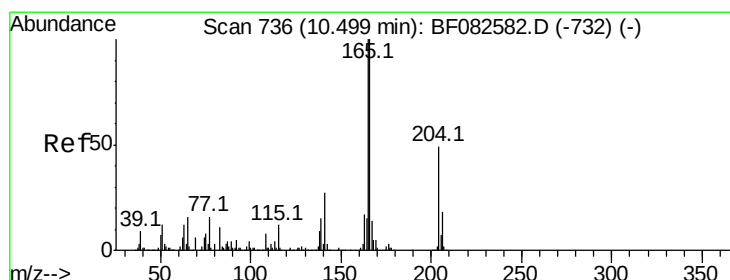
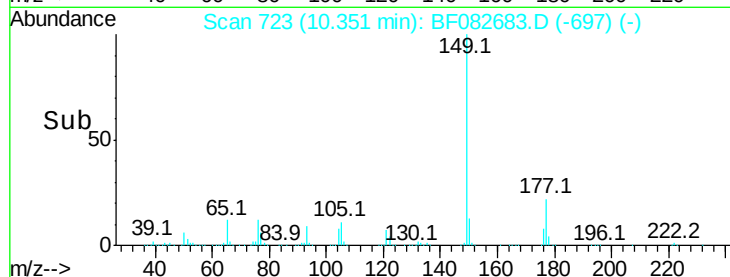
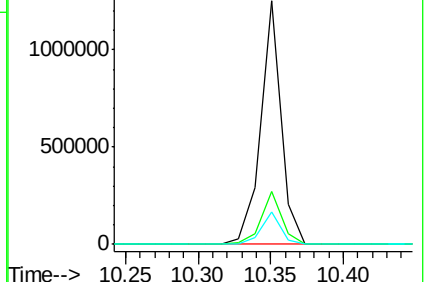
150 13.3 10.1 15.1



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

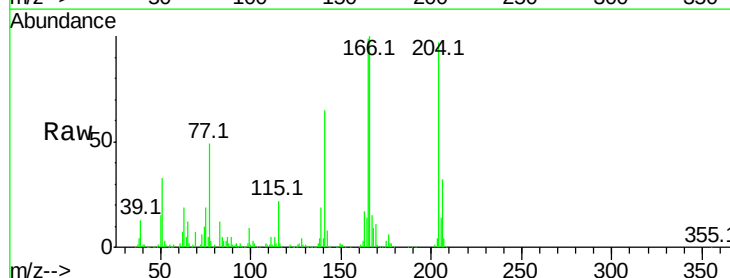
Tgt Ion:204 Resp: 549872

Ion Ratio Lower Upper

204 100

206 33.5 28.5 42.7

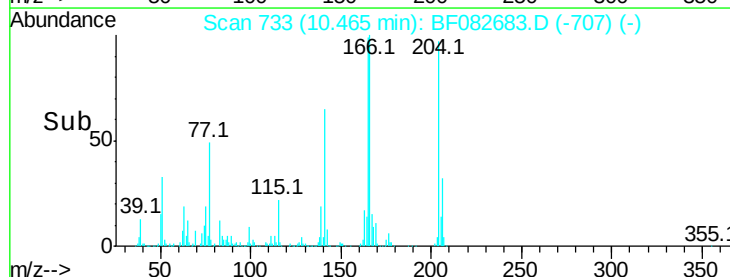
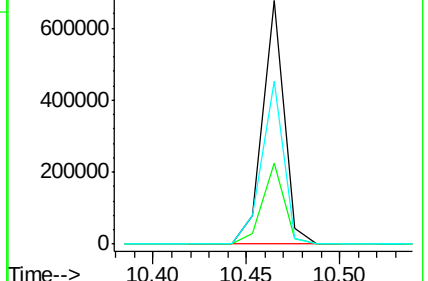
141 66.9 44.6 66.8#

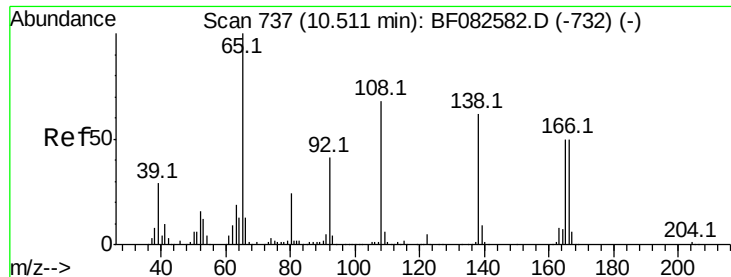


Abundance Ion 204.00 (203.70 to 204.70): E

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

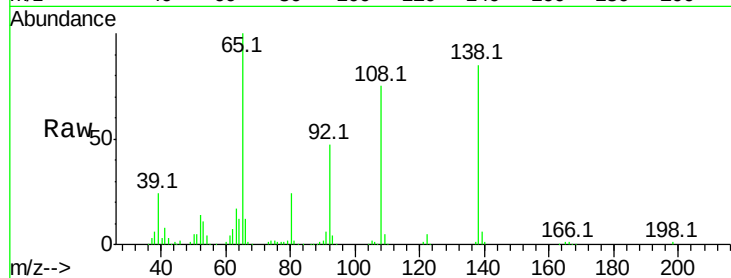
Tot Ion:138 Resp: 266575

Ion Ratio Lower Upper

138 100

92 54.7 45.8 85.8

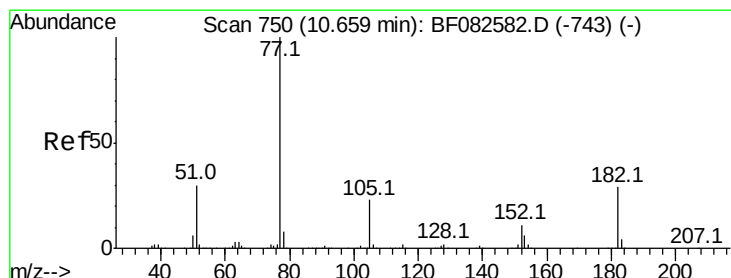
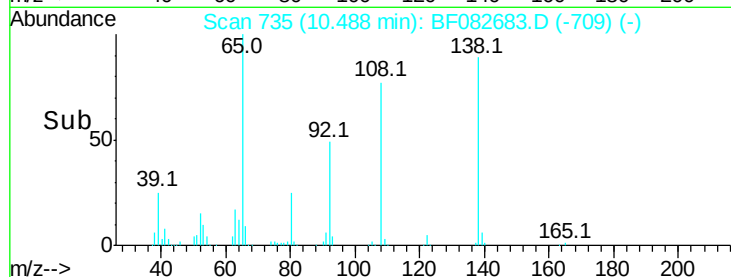
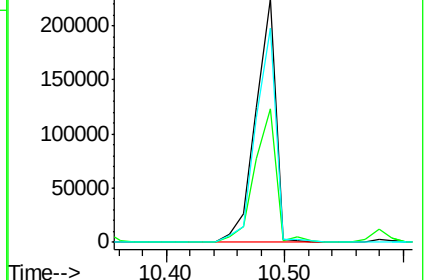
108 88.2 89.4 129.4#



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

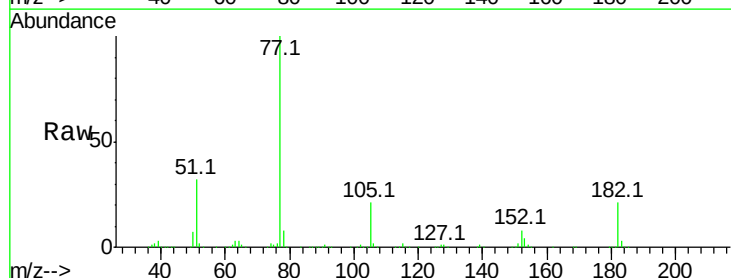
Ion Ratio Lower Upper

77 100

182 21.1 9.3 49.3

105 21.2 2.6 42.6

51 31.7 9.9 49.9

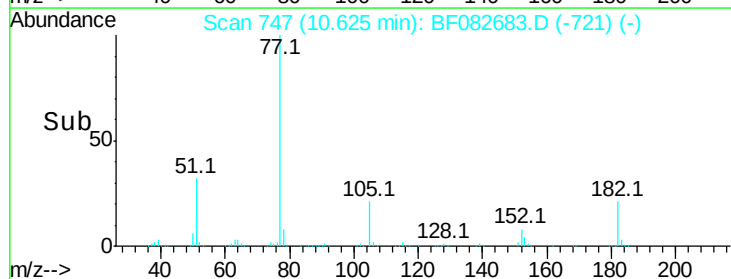
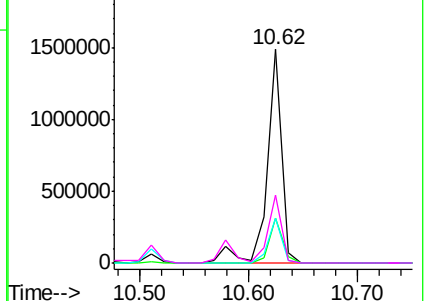


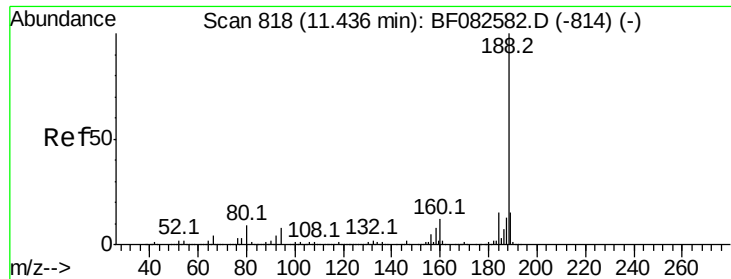
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

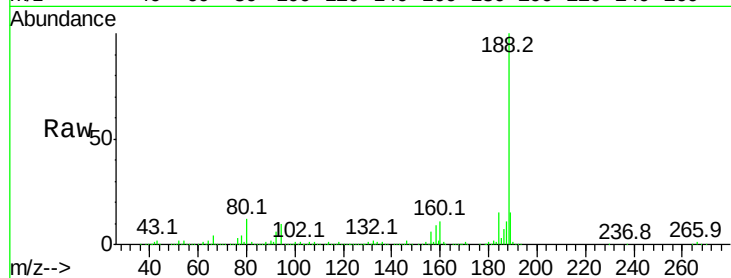
Tot Ion:188 Resp: 638283

Ion Ratio Lower Upper

188 100

94 10.2 6.1 9.1#

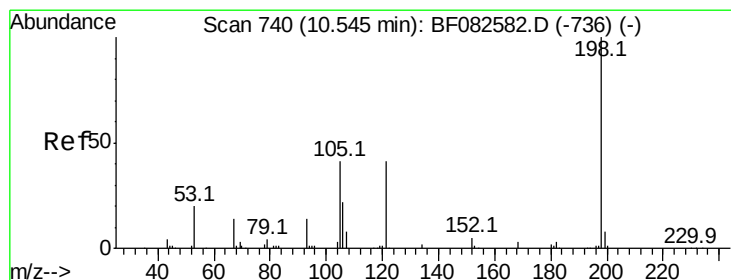
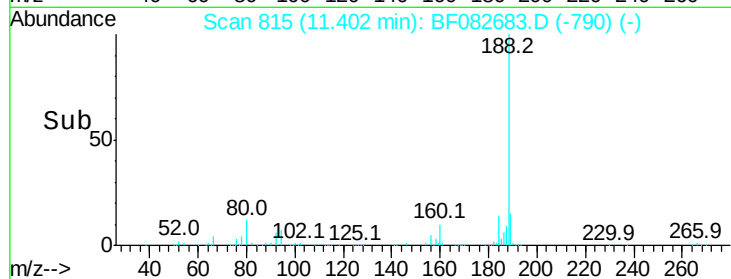
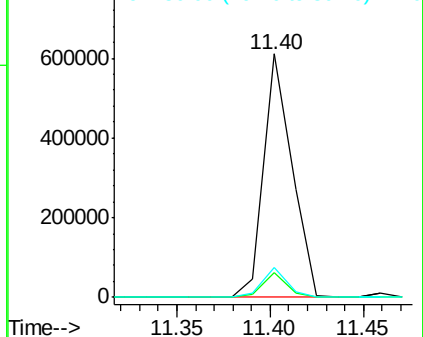
80 12.1 7.0 10.6#



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

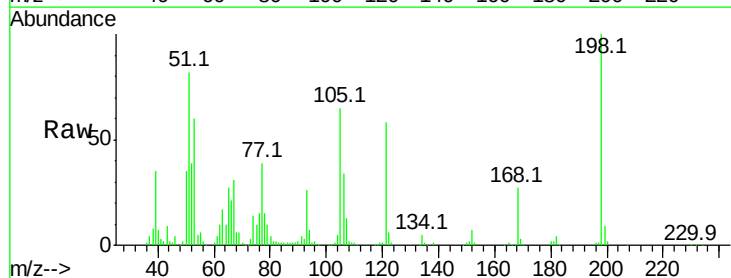
Tgt Ion:198 Resp: 192557

Ion Ratio Lower Upper

198 100

51 81.6 17.3 57.3#

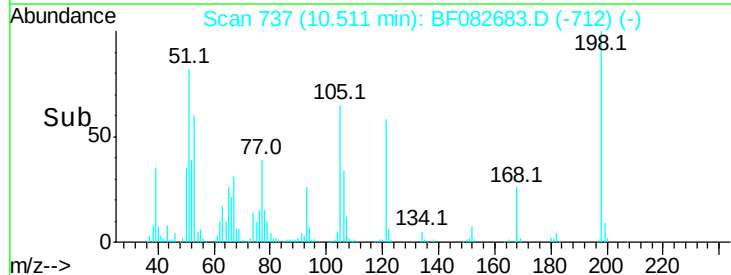
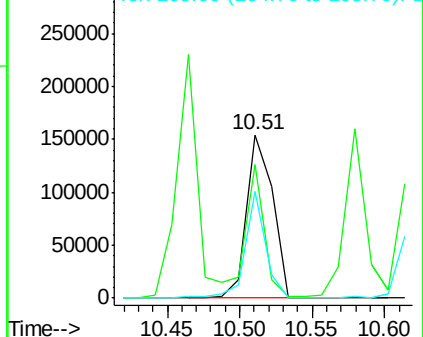
105 65.0 21.7 61.7#

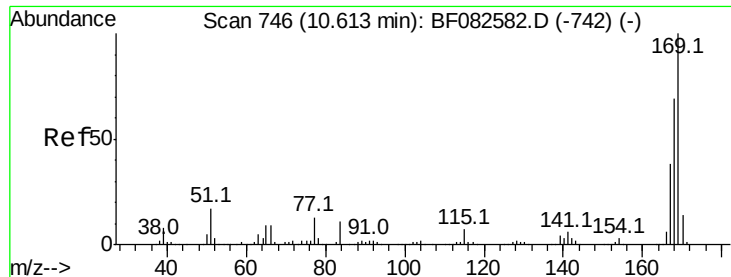


Abundance Ion 198.00 (197.70 to 198.70): E

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

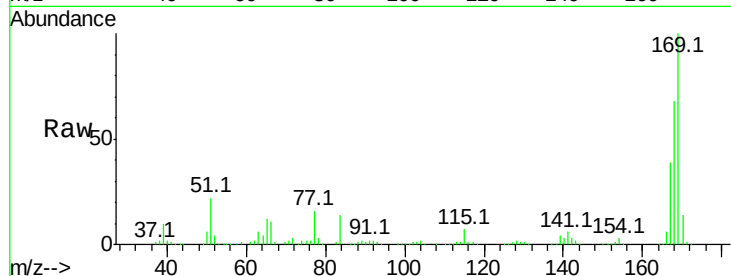
Tot Ion:169 Resp: 933029

Ion Ratio Lower Upper

169 100

168 67.6 55.0 82.6

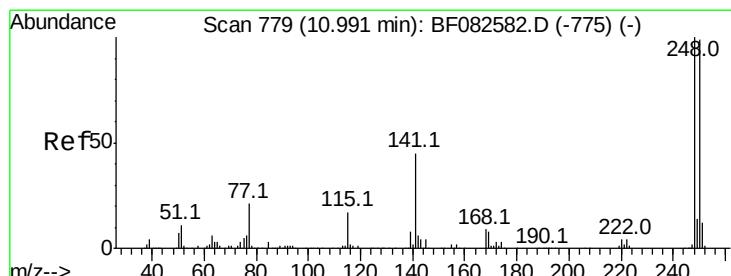
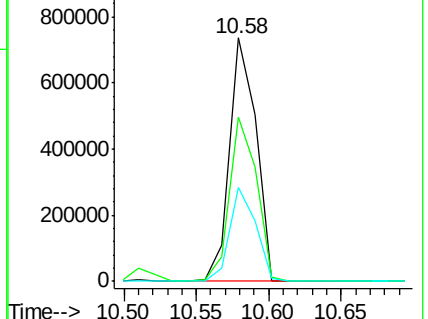
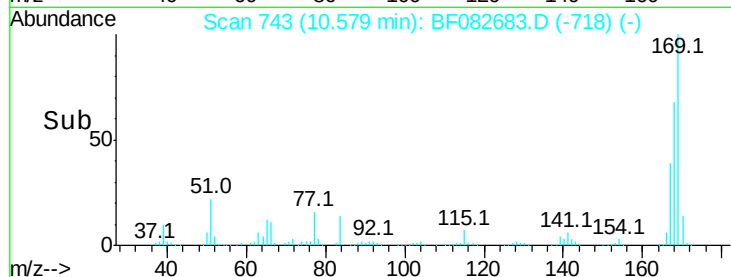
167 38.5 30.5 45.7



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

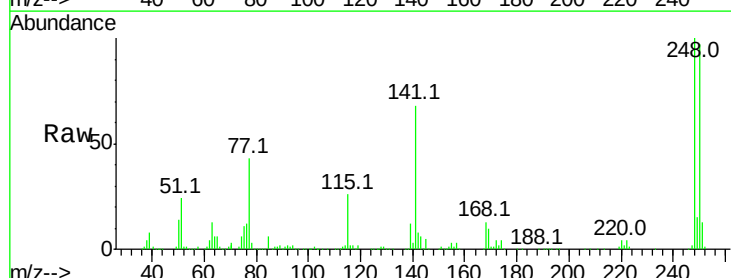
Tgt Ion:248 Resp: 366747

Ion Ratio Lower Upper

248 100

250 97.4 79.4 119.2

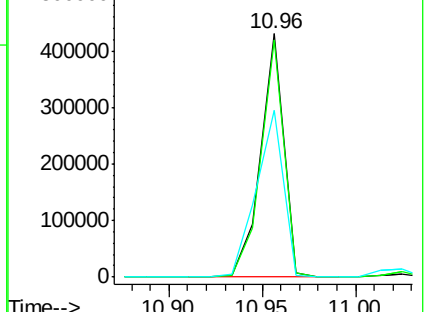
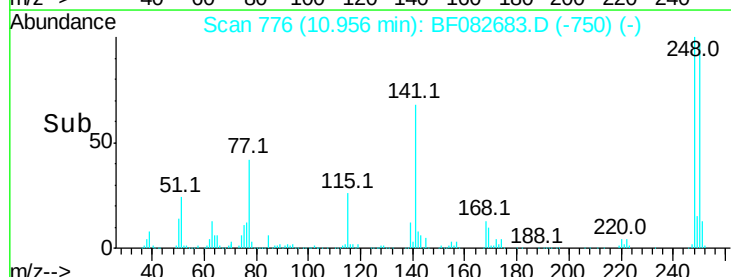
141 68.5 36.3 54.5#

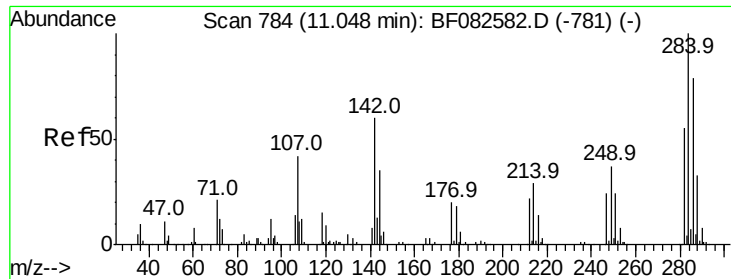


Abundance Ion 248.00 (247.70 to 248.70): E

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

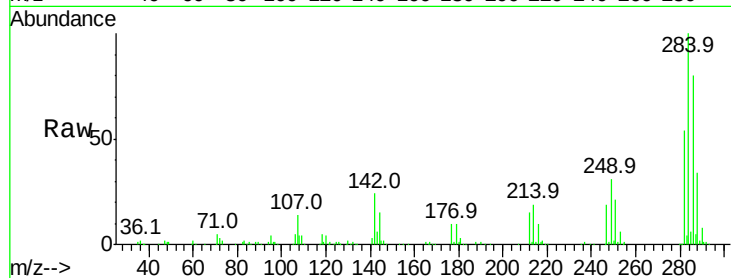
Tot Ion:284 Resp: 396421

Ion Ratio Lower Upper

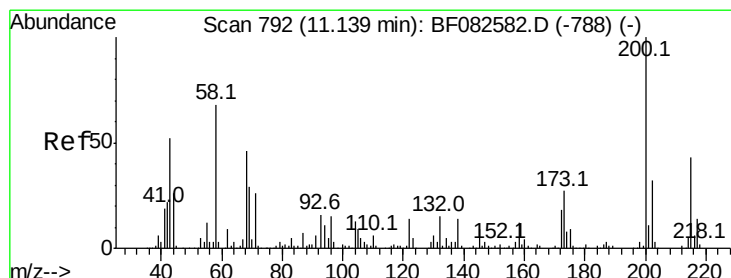
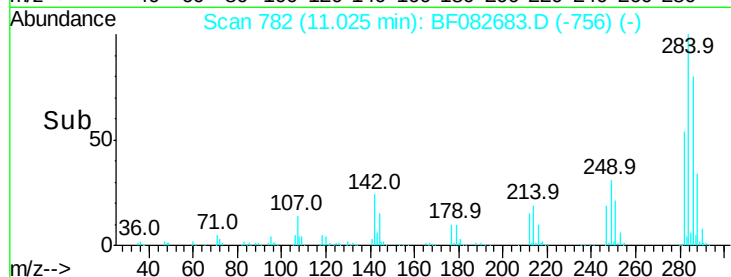
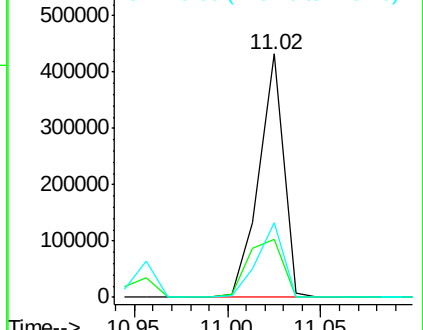
284 100

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

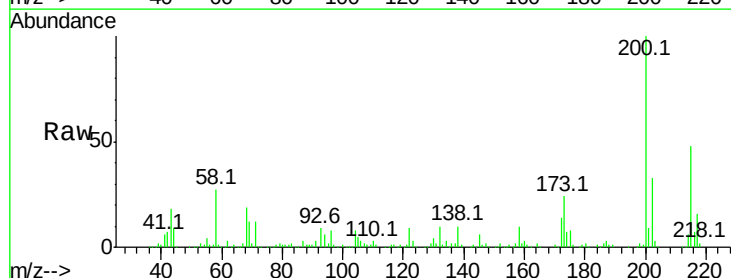
Tgt Ion:200 Resp: 368375

Ion Ratio Lower Upper

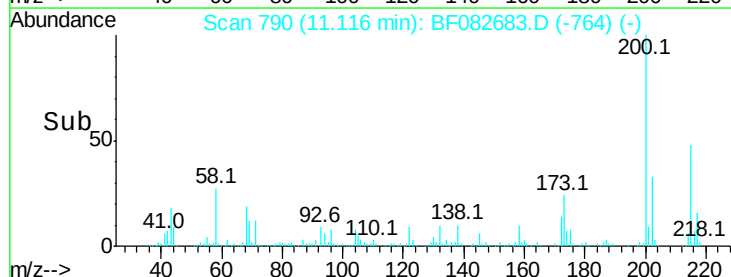
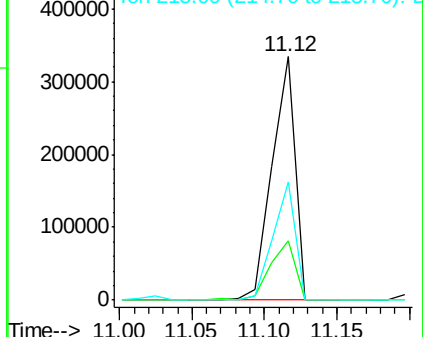
200 100

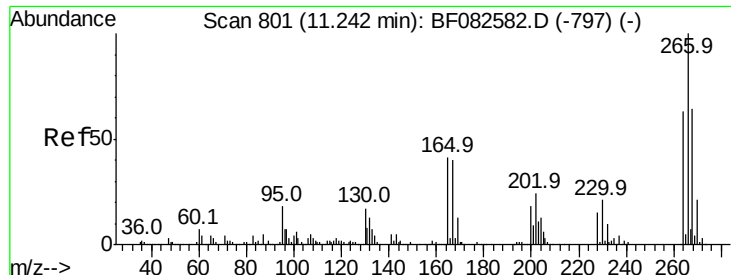
173 24.3 6.9 46.9

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

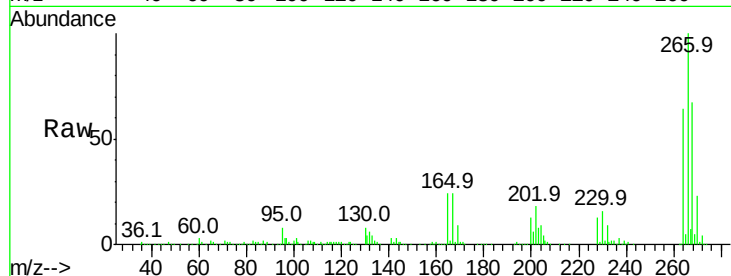




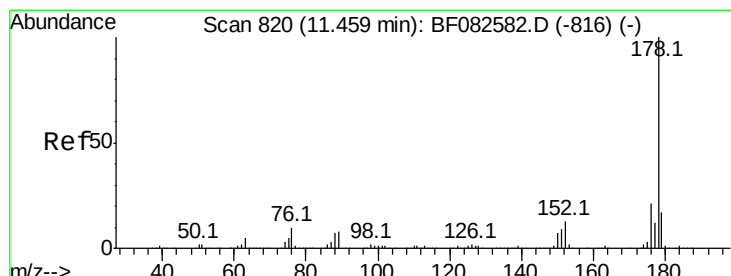
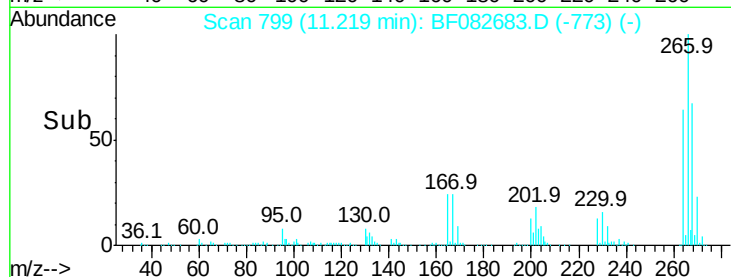
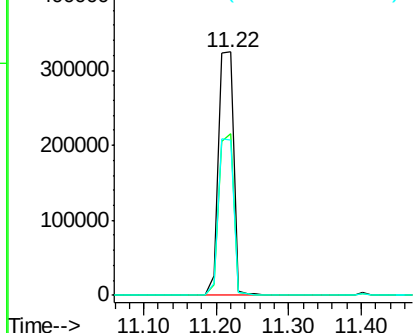
#69
 Pentachlorophenol
 Concen: 89.64 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

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

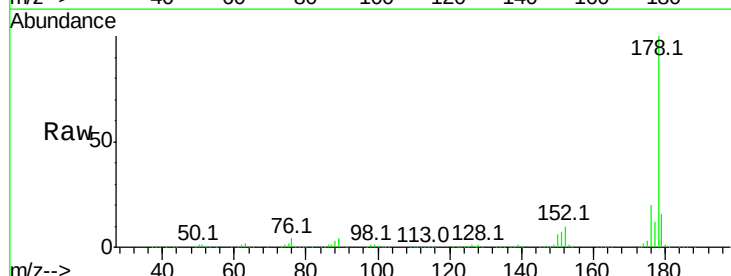


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

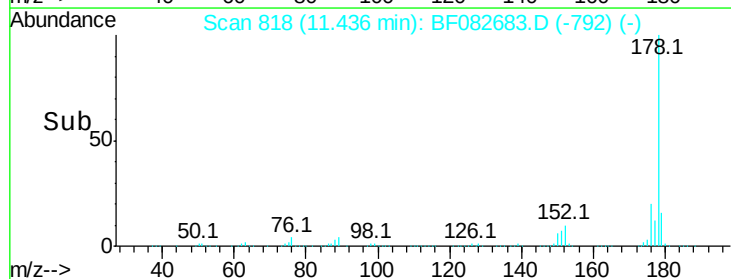
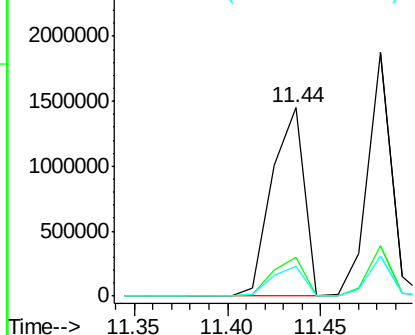


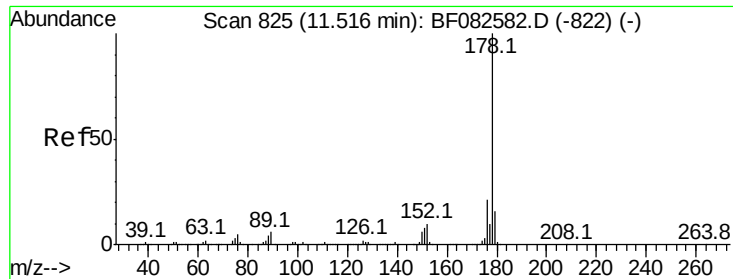
#70
 Phenanthrene
 Concen: 48.39 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

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

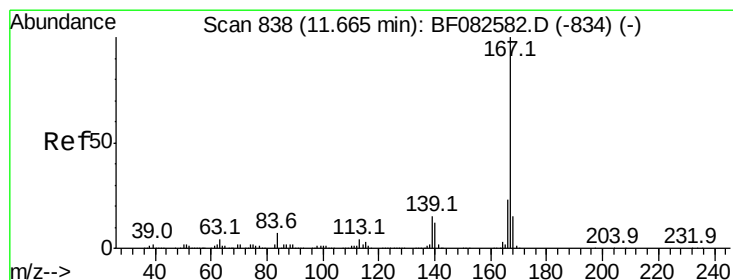
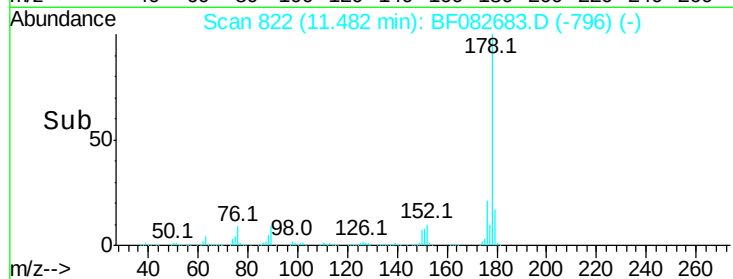
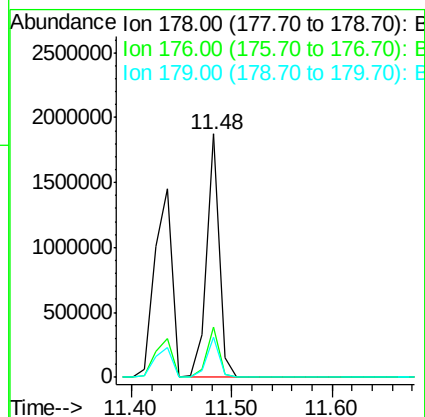
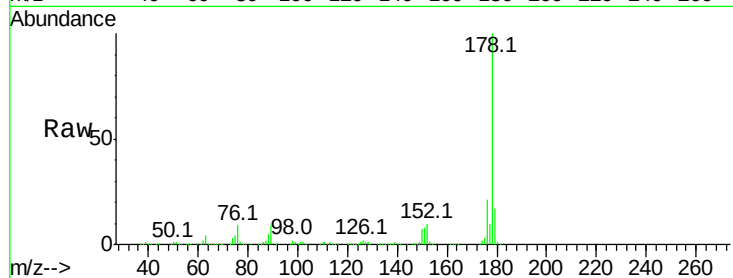




#71
 Anthracene
 Concen: 44.78 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

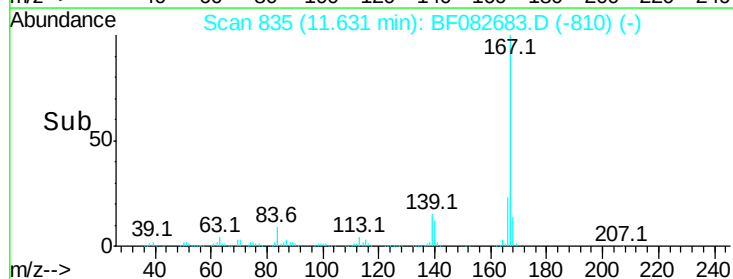
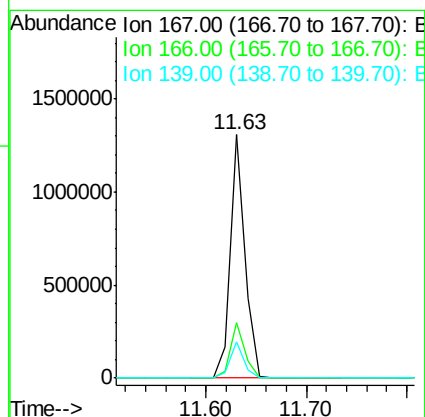
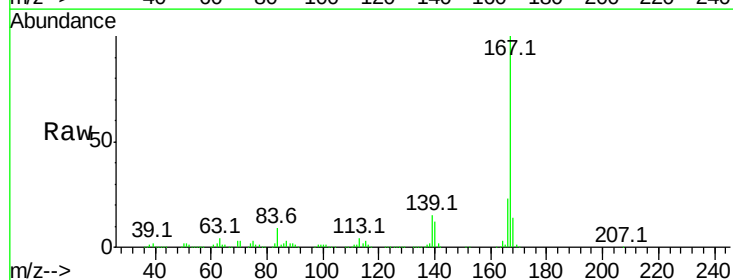
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

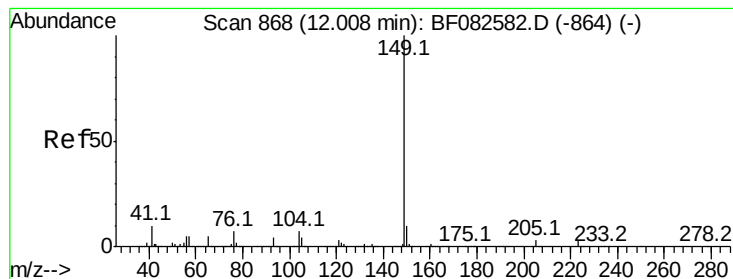
Tot Ion:178 Resp: 1623020
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.5 24.7
 179 16.7 13.2 19.8



#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





#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

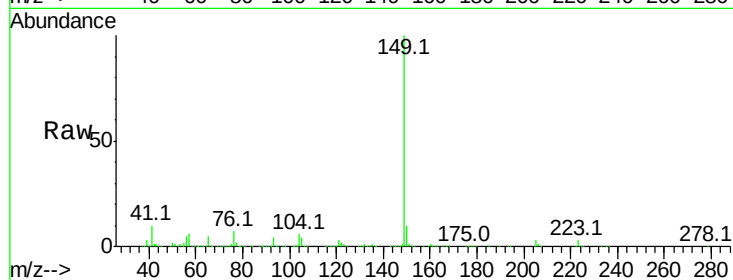
Tot Ion:149 Resp: 1787277

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

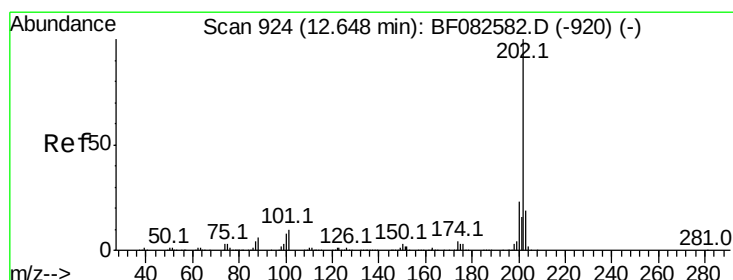
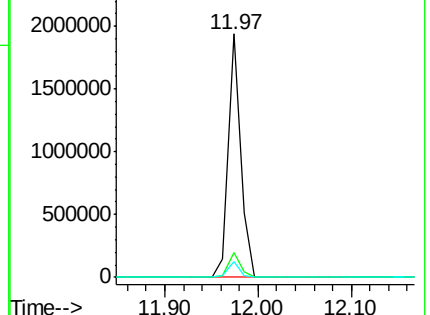
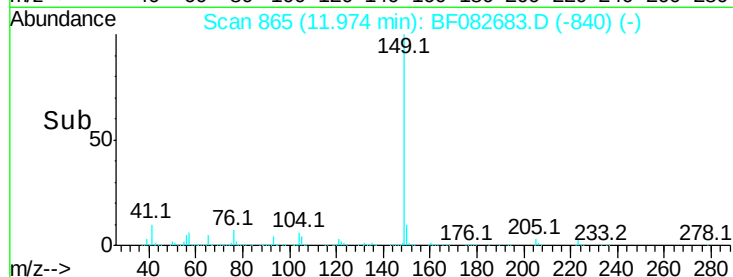
104 6.4 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

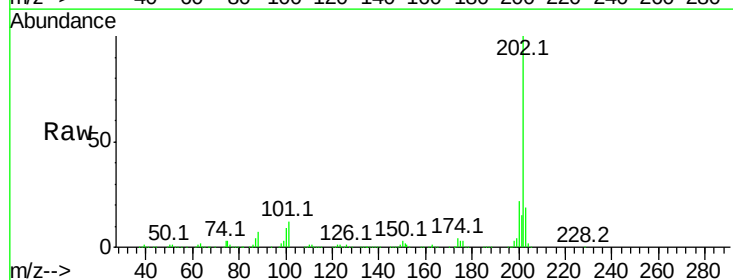
Tgt Ion:202 Resp: 1612773

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.5

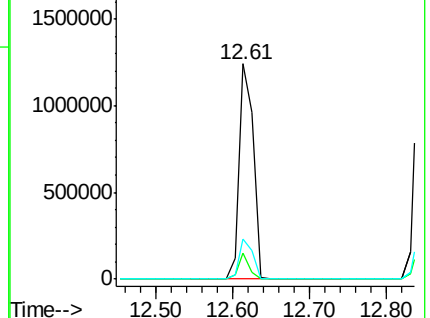
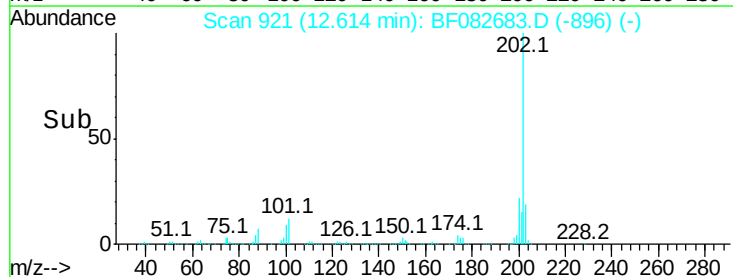
203 18.8 0.0 38.5

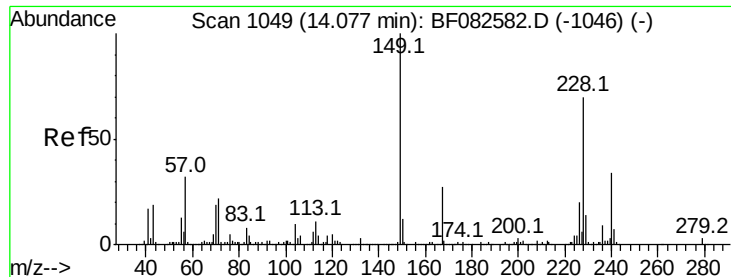


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 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

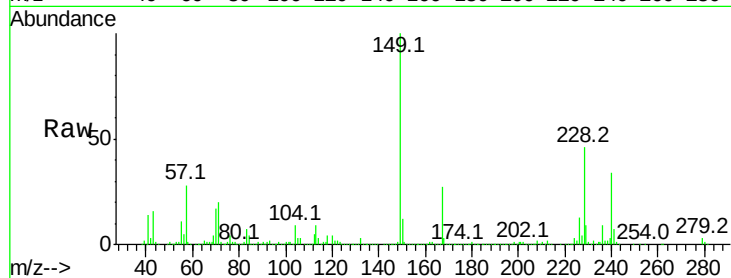
Tot Ion:240 Resp: 463208

Ion Ratio Lower Upper

240 100

120 12.5 10.9 16.3

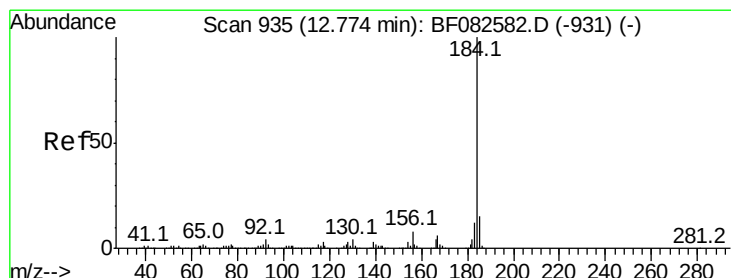
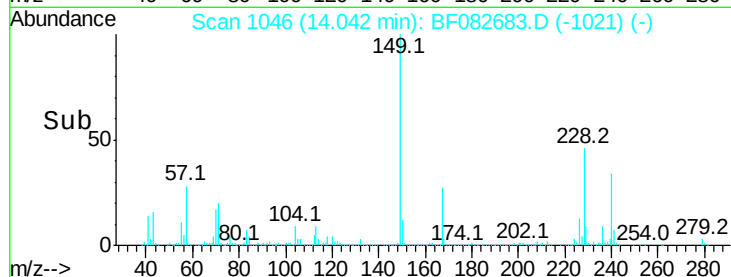
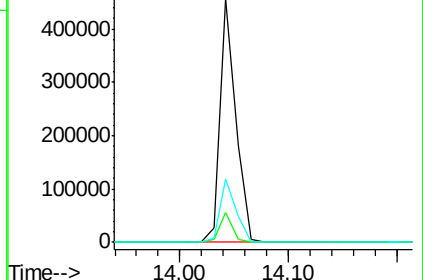
236 26.1 21.6 32.4



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

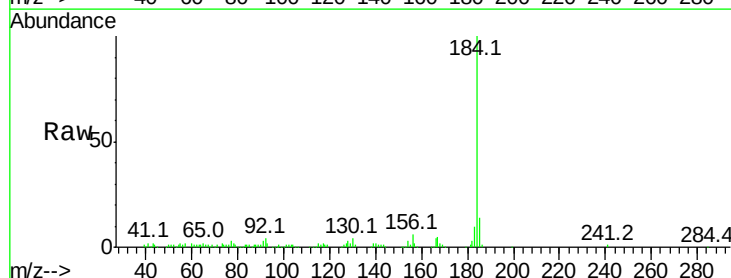
Tgt Ion:184 Resp: 176228

Ion Ratio Lower Upper

184 100

185 13.5 12.0 18.0

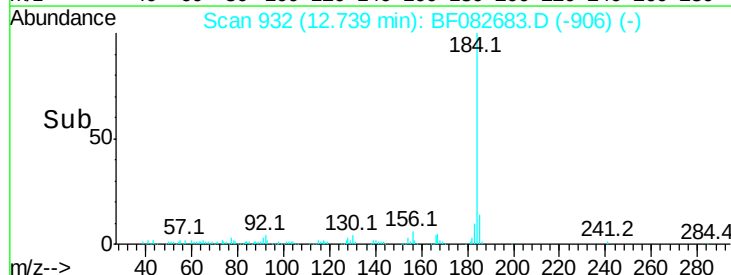
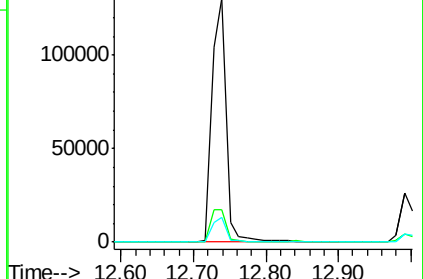
183 10.2 9.6 14.4

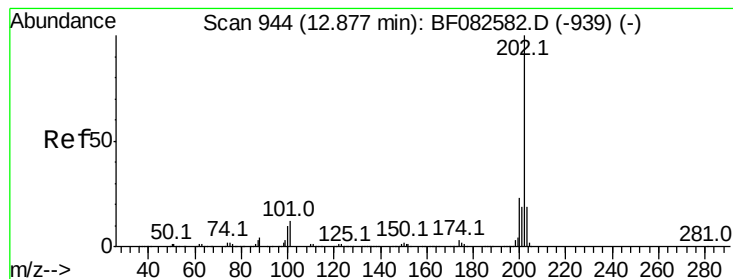


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

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

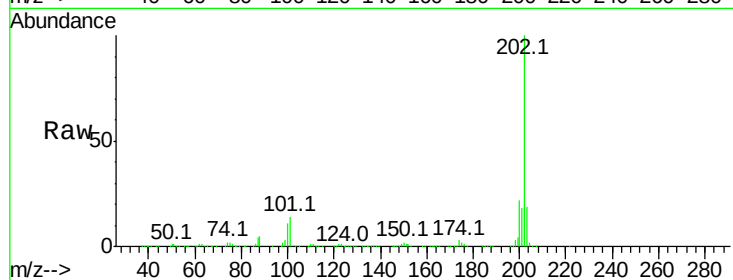
Tot Ion:202 Resp: 1562877

Ion Ratio Lower Upper

202 100

200 22.4 18.7 28.1

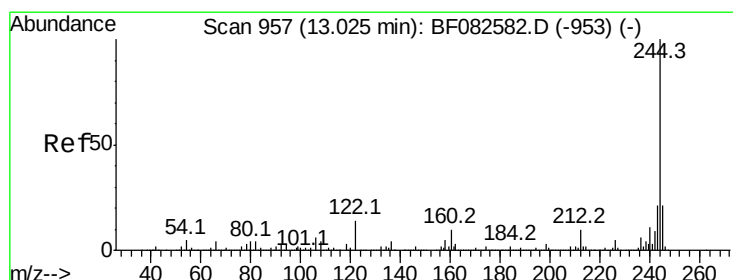
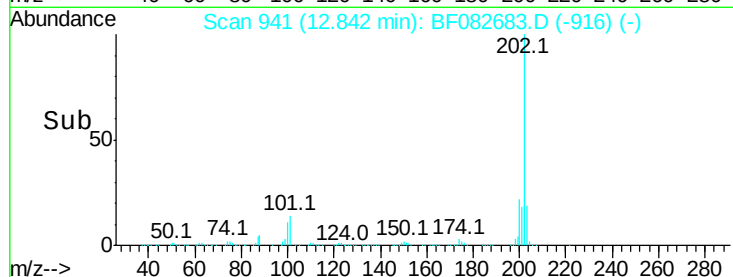
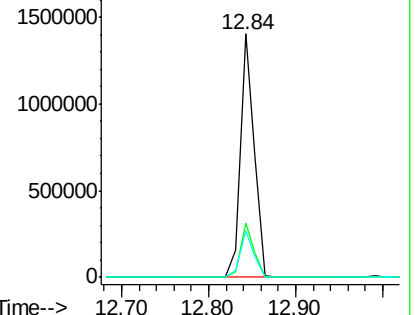
203 18.9 14.8 22.2



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

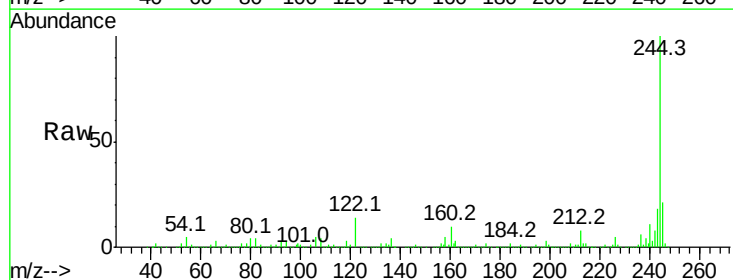
Tgt Ion:244 Resp: 2251154

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

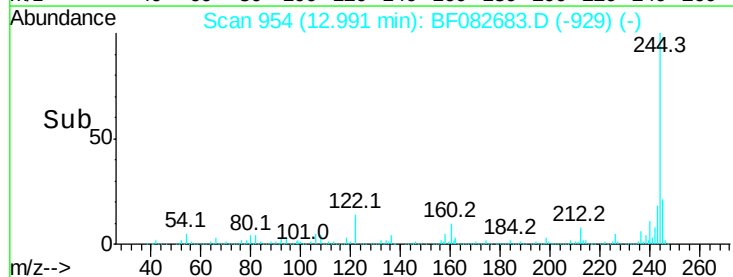
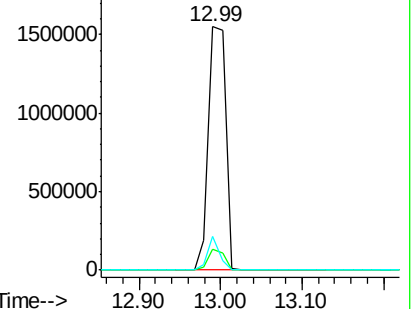
122 13.9 11.3 16.9

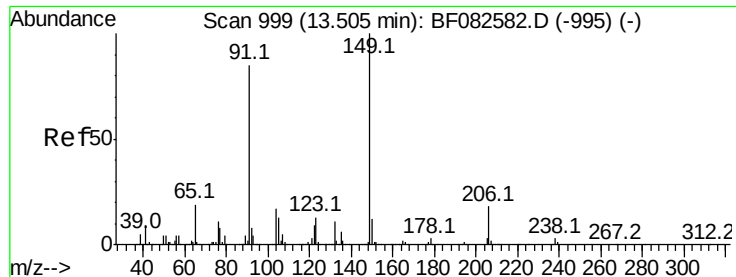


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

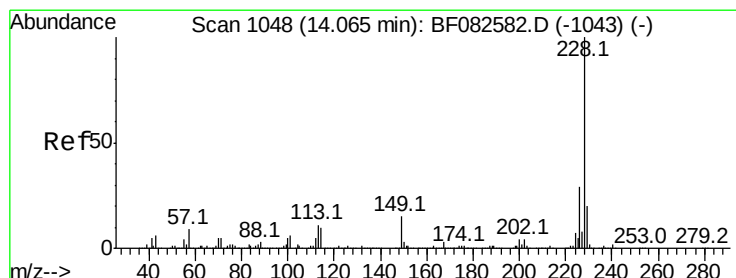
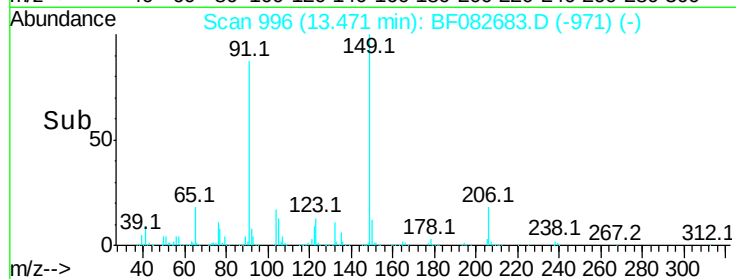
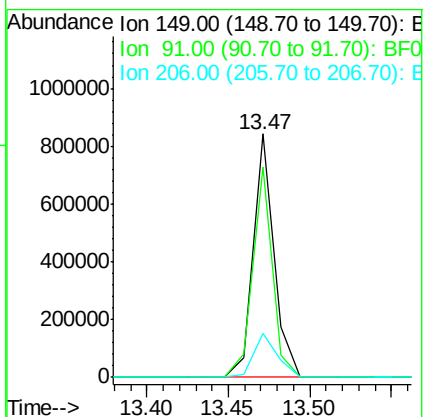
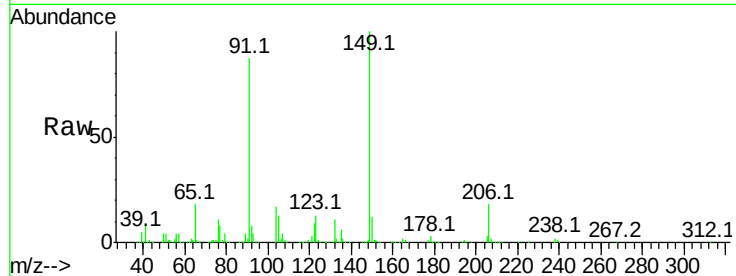




#79
Butylbenzylphthalate
Concen: 49.63 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

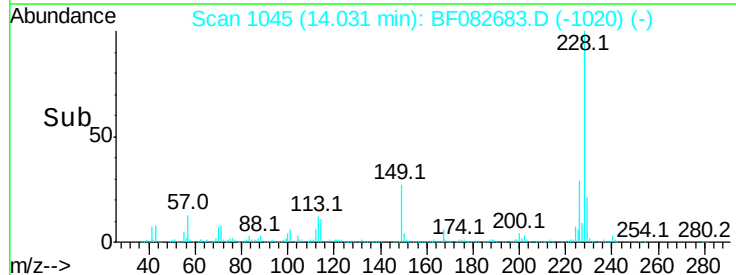
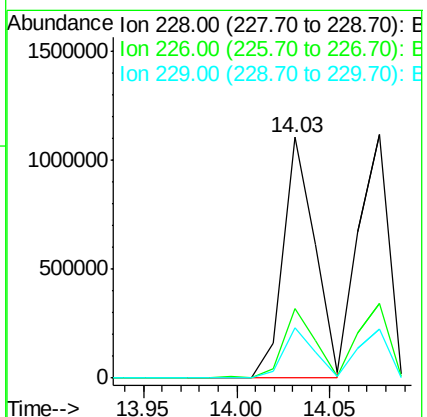
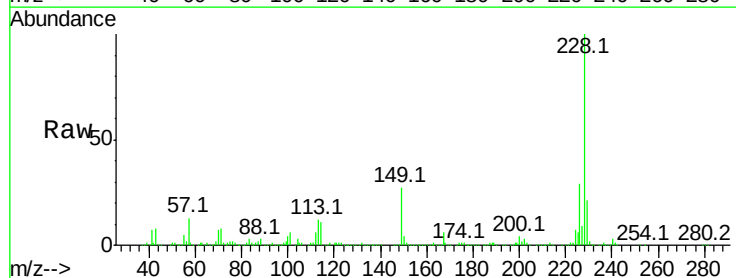
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

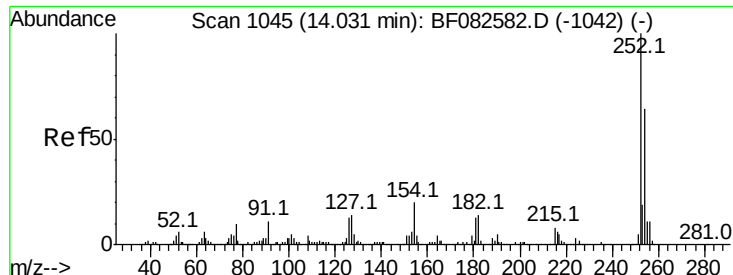
Tot Ion:149 Resp: 745554
Ion Ratio Lower Upper
149 100
91 86.6 67.7 101.5
206 18.0 14.6 22.0



#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

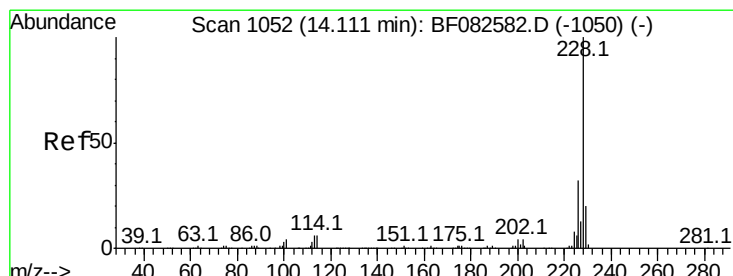
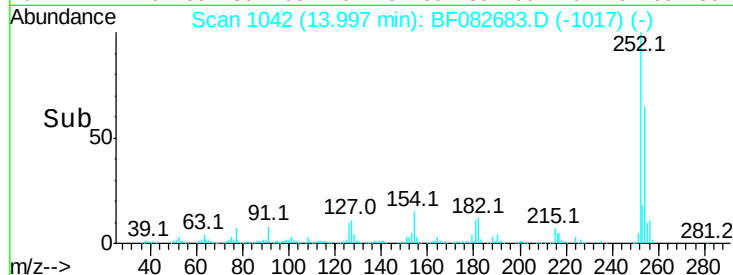
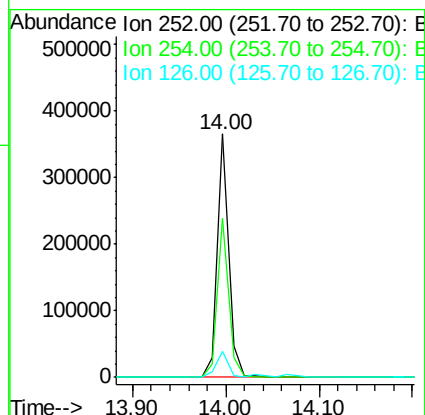
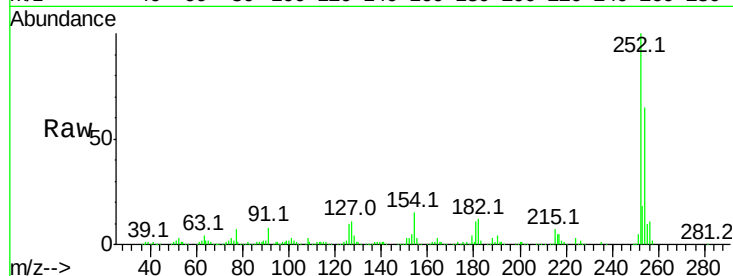




#81
 3,3'-Dichlorobenzidine
 Concen: 30.42 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

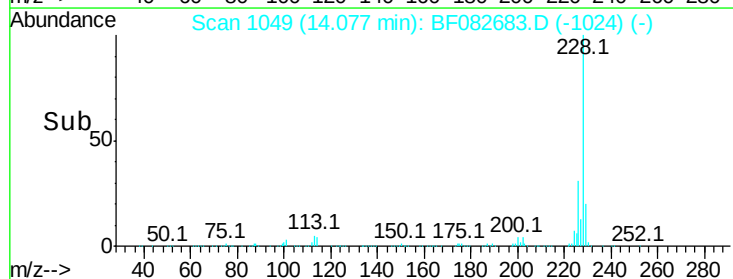
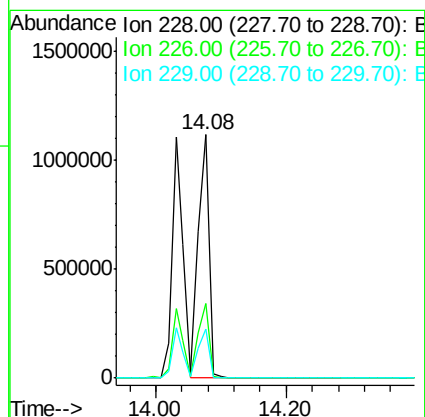
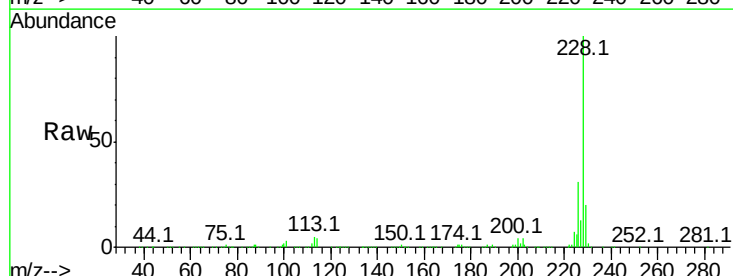
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

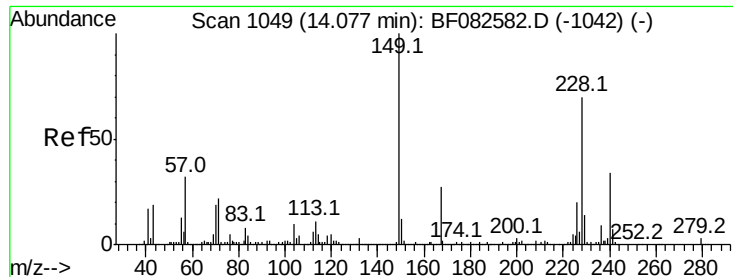
Tot Ion:252 Resp: 308455
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.4 77.0
 126 10.4 10.7 16.1#



#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

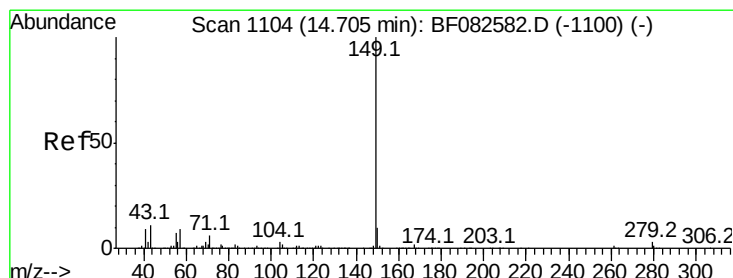
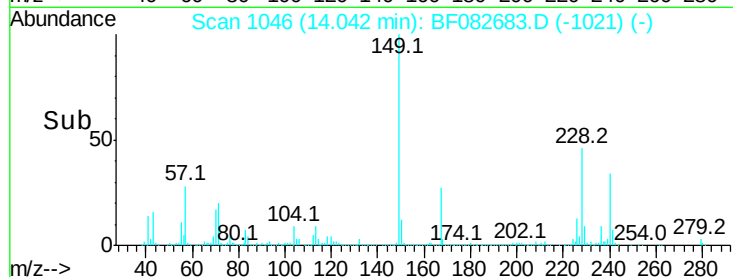
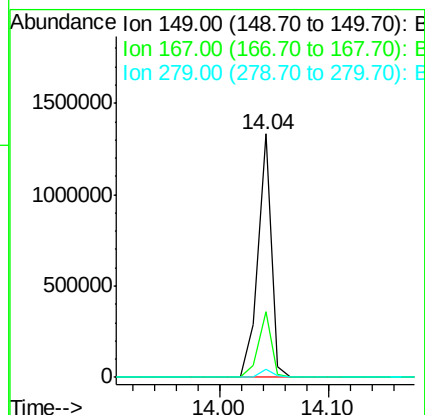
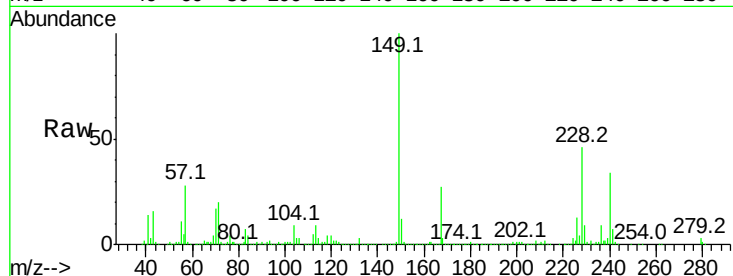




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.70 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

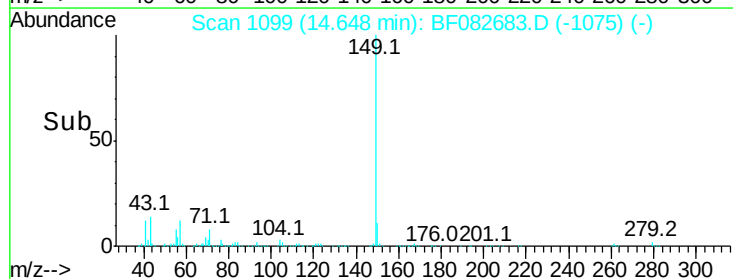
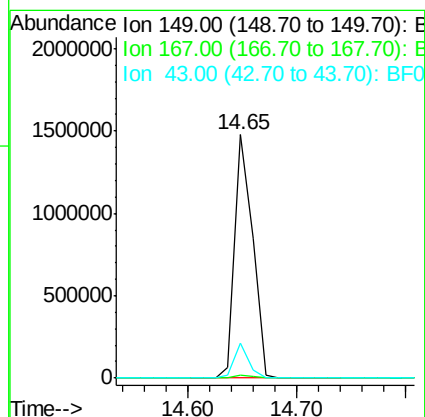
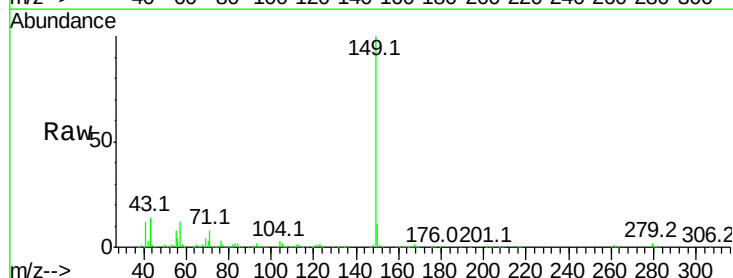
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

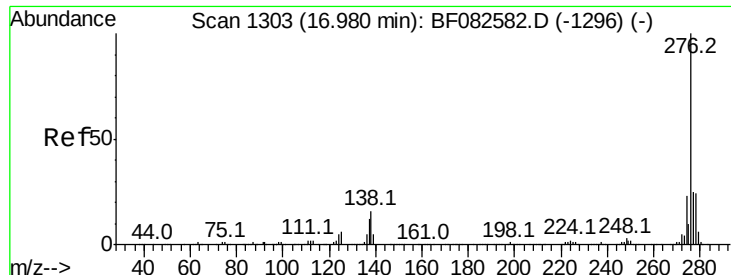
Tot Ion:149 Resp: 1162671
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.2 31.8
 279 3.3 2.2 3.2#



#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

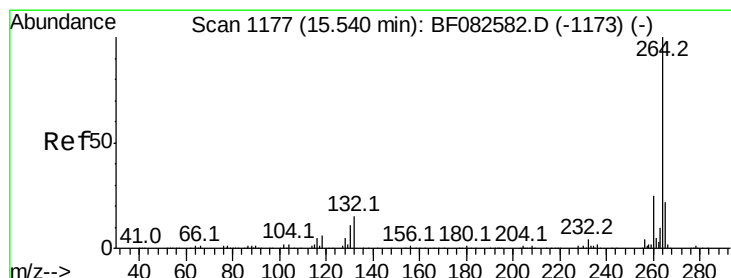
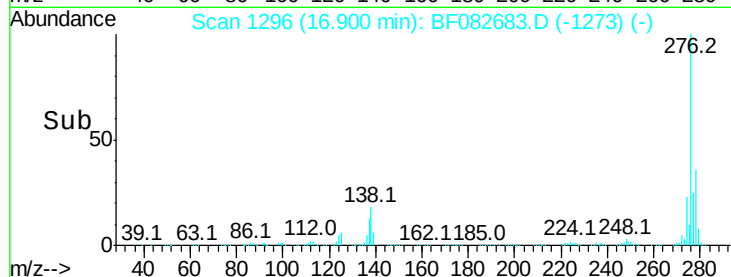
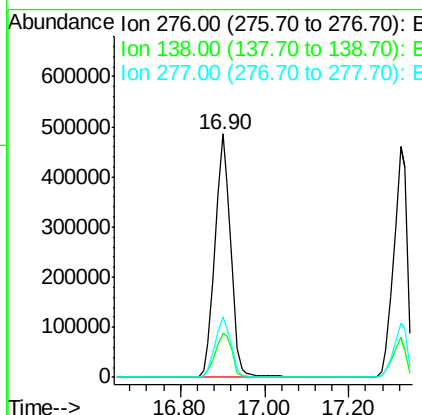
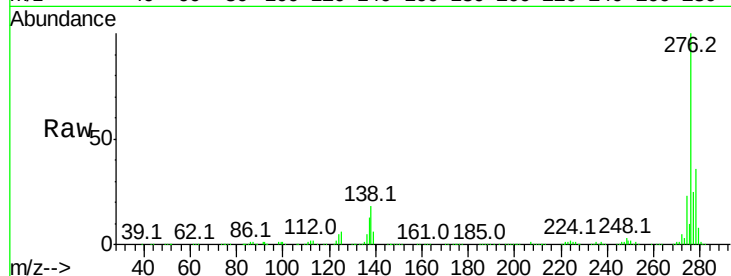




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.01 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.03 min
 Lab File: BF082683.D
 Acq: 4 Nov 2015 4:38

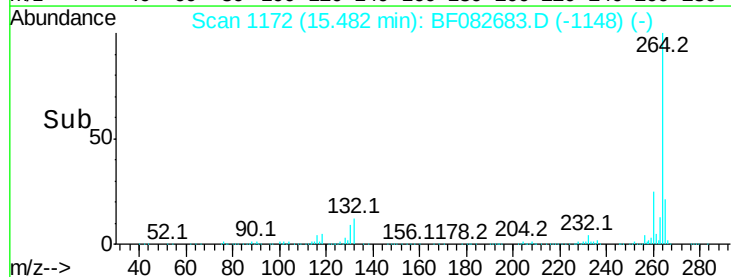
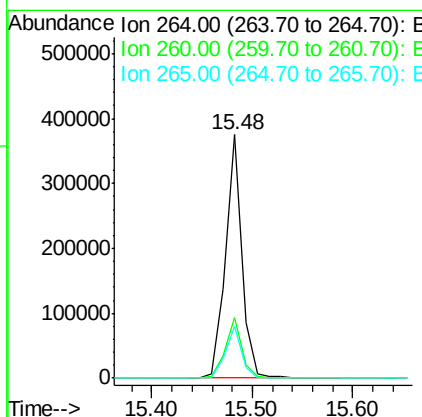
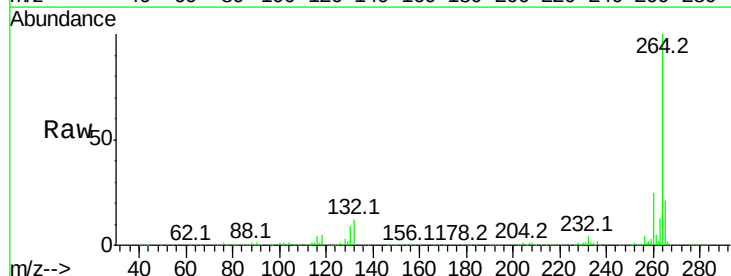
Instrument :
 BNA_F
 ClientSampleId :
 GACMEDIA-151029MSD

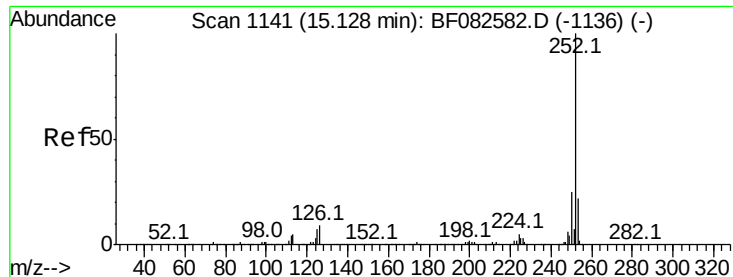
Tot Ion:276 Resp: 1276666
 Ion Ratio Lower Upper
 276 100
 138 19.5 15.3 22.9
 277 25.3 20.2 30.4



#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

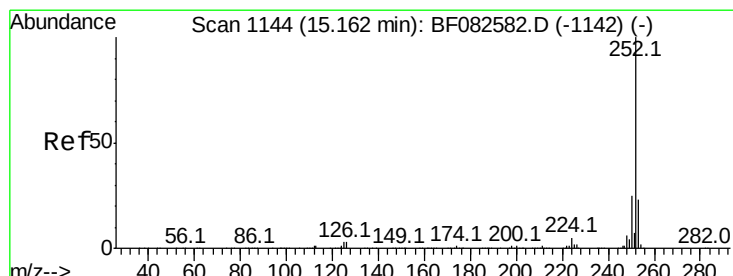
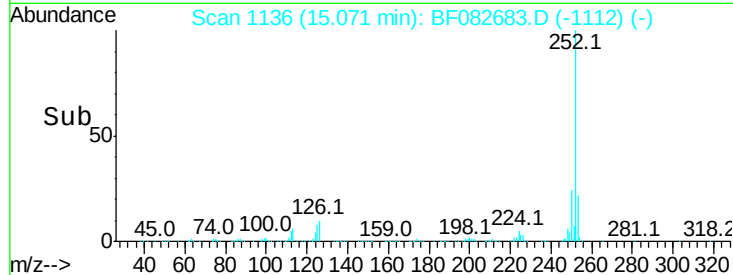
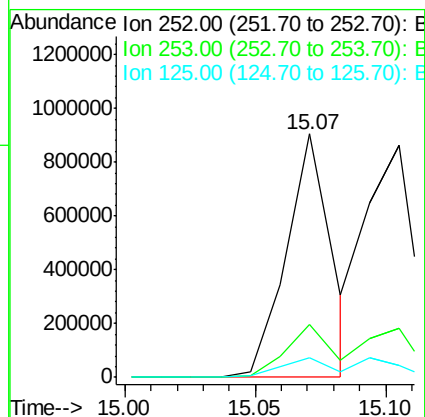
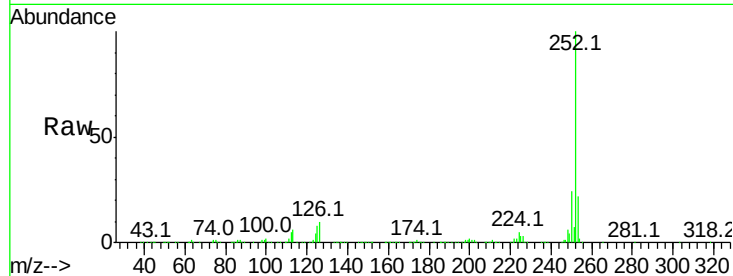




#87
Benzo(b)fluoranthene
Concen: 36.83 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

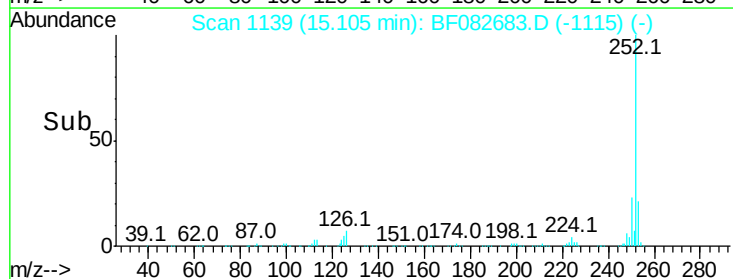
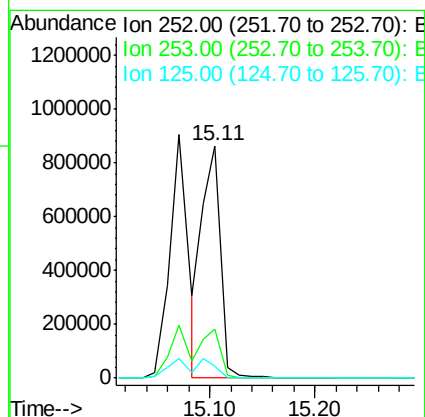
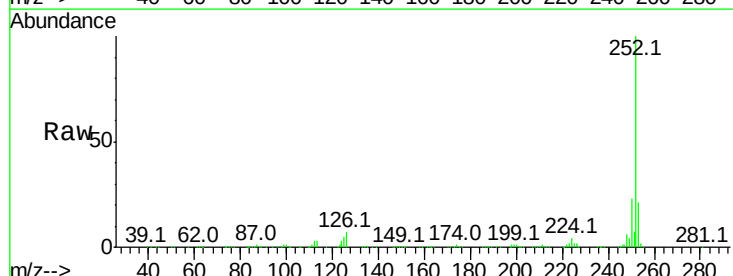
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MSD

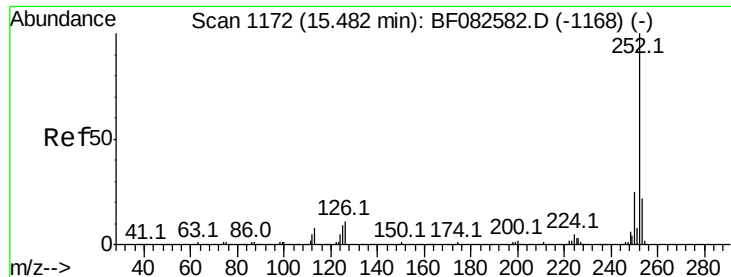
Tot Ion:252 Resp: 1080843
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.1 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 48.74 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082683.D
Acq: 4 Nov 2015 4:38

Tgt Ion:252 Resp: 1089598
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 5.0 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

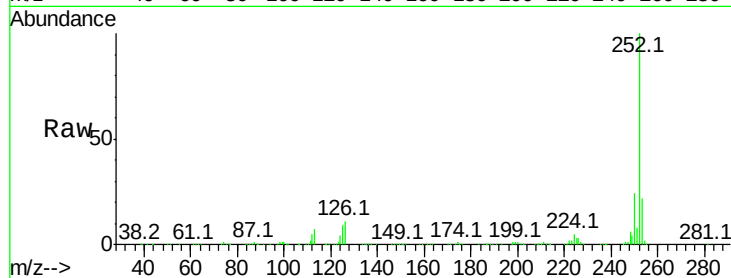
Tot Ion:252 Resp: 1026246

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

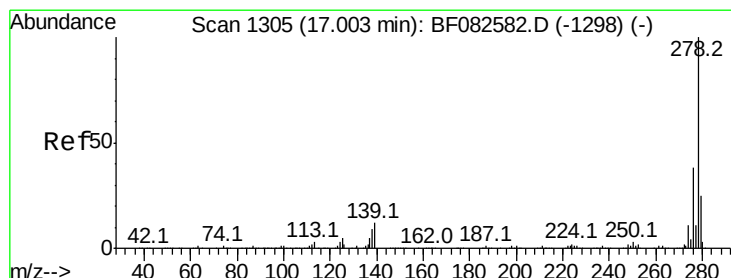
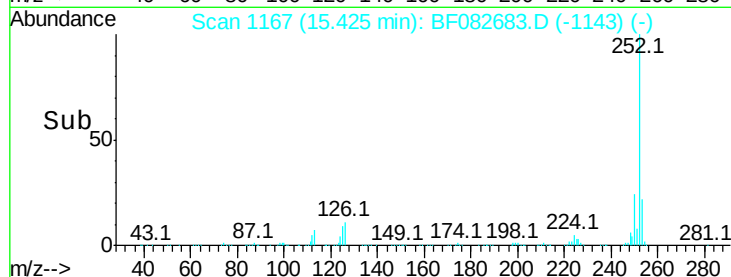
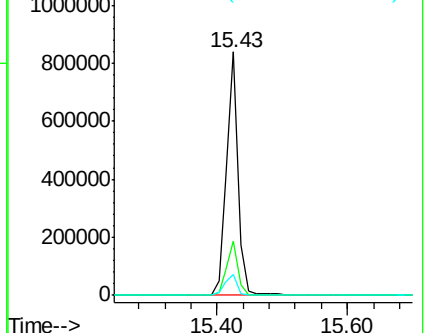
125 8.5 7.1 10.7



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

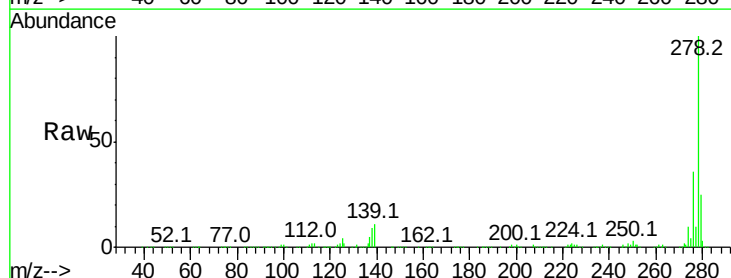
Tgt Ion:278 Resp: 1083482

Ion Ratio Lower Upper

278 100

139 10.9 9.9 14.9

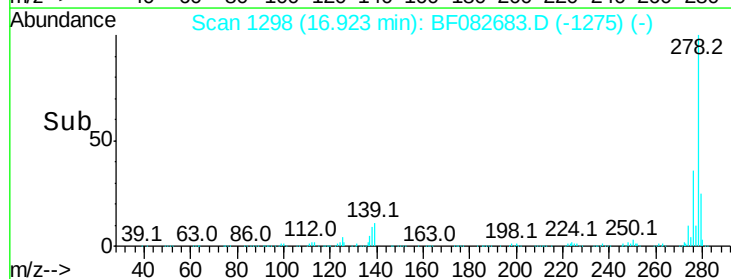
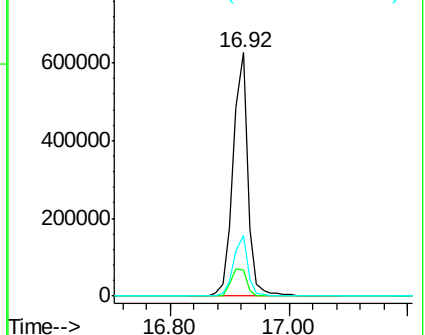
279 24.7 19.6 29.4

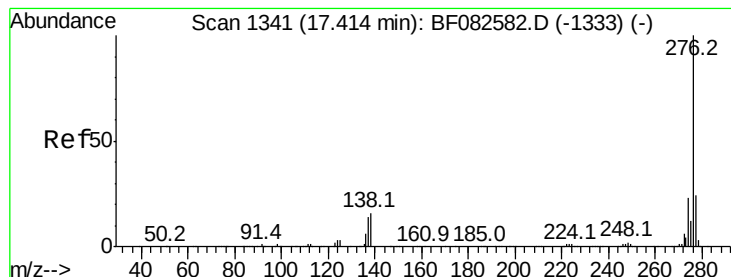


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,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

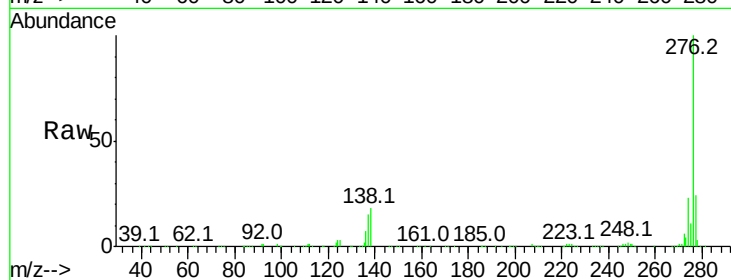
Tot Ion:276 Resp: 1063684

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

