

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085552.D
 Acq On : 19 Mar 2016 4:17
 Operator : UM/SJ
 Sample : PB88981BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

Quant Time: Mar 19 03:38:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127623	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	523071	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	241797	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	443843	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	391736	20.00	ng	0.00
86) Perylene-d12	15.43	264	288932	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	605467	79.69	ng	0.01
7) Phenol-d6	6.48	99	737894	75.72	ng	-0.01
23) Nitrobenzene-d5	7.42	82	625701	69.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	187509	79.17	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1073730	73.13	ng	-0.01
78) Terphenyl-d14	12.96	244	1136183	69.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	112967	30.59	ng	99
3) Pyridine	3.27	79	334530	36.88	ng	99
4) n-Nitrosodimethylamine	3.21	42	134464	35.51	ng	99
6) Aniline	6.52	93	219253	16.75	ng	96
8) 2-Chlorophenol	6.64	128	324875	36.96	ng	92
9) Benzaldehyde	6.40	77	56337	9.33	ng	89
10) Phenol	6.49	94	375096	33.79	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	290257	34.69	ng	92
12) 1,3-Dichlorobenzene	7.03	146	316195	33.01	ng	99
13) 1,4-Dichlorobenzene	6.87	146	337504	34.54	ng	98
14) 1,2-Dichlorobenzene	7.03	146	316157	36.45	ng	96
15) Benzyl Alcohol	7.00	79	252553	37.84	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	379584	34.49	ng	99
17) 2-Methylphenol	7.11	107	264510	36.30	ng	99
18) Hexachloroethane	7.36	117	125494	35.57	ng	# 82
19) n-Nitroso-di-n-propylamine	7.27	70	204892	35.20	ng	94
20) 3+4-Methylphenols	7.27	107	321143	38.05	ng	94
22) Acetophenone	7.27	105	414120	33.36	ng	# 93
24) Nitrobenzene	7.44	77	349667	35.45	ng	# 88
25) Isophorone	7.68	82	631239	34.99	ng	# 94
26) 2-Nitrophenol	7.75	139	167158	34.29	ng	# 84
27) 2,4-Dimethylphenol	7.80	122	313421	36.36	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	364048	35.47	ng	98
29) 2,4-Dichlorophenol	8.00	162	265699	37.32	ng	94
30) 1,2,4-Trichlorobenzene	8.08	180	277400	34.79	ng	98
31) Naphthalene	8.16	128	920018	34.85	ng	99
32) Benzoic acid	7.91	122	203046	28.17	ng	99
33) 4-Chloroaniline	8.21	127	89901	8.31	ng	# 95
34) Hexachlorobutadiene	8.28	225	141891	33.39	ng	98
35) Caprolactam	8.62	113	24316	9.93	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	300485	36.14	ng	96
37) 2-Methylnaphthalene	8.85	142	615844	38.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	238478	32.51	ng	98
40) Hexachlorocyclopentadiene	9.01	237	271092	82.01	ng	99

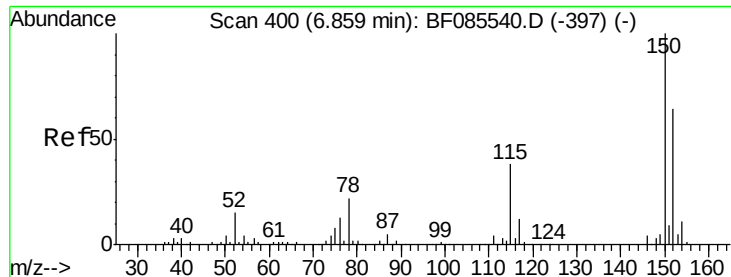
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	189917	37.83	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	188352	36.86	ng	99
45) 1,1'-Biphenyl	9.32	154	684255	32.80	ng	98
46) 2-Chloronaphthalene	9.34	162	518480	34.03	ng	93
47) 2-Nitroaniline	9.44	65	167967	36.44	ng	# 73
48) Acenaphthylene	9.75	152	877061	35.57	ng	99
49) Dimethylphthalate	9.62	163	658676	36.10	ng	98
50) 2,6-Dinitrotoluene	9.68	165	153291	39.79	ng	# 79
51) Acenaphthene	9.92	154	613572	39.65	ng	100
52) 3-Nitroaniline	9.84	138	67805	14.05	ng	92
53) 2,4-Dinitrophenol	9.96	184	153855	65.20	ng	90
54) Dibenzofuran	10.10	168	808575	42.91	ng	96
55) 4-Nitrophenol	10.01	139	239601	64.26	ng	97
56) 2,4-Dinitrotoluene	10.08	165	173088	34.32	ng	# 54
57) Fluorene	10.45	166	576610	36.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	154985	42.13	ng	97
59) Diethylphthalate	10.32	149	666288	36.73	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	288869	37.67	ng	90
61) 4-Nitroaniline	10.46	138	144689	30.43	ng	90
62) Azobenzene	10.60	77	707120	40.62	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	109072	38.40	ng	# 71
65) n-Nitrosodiphenylamine	10.55	169	481707	34.84	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	169678	38.27	ng	# 87
67) Hexachlorobenzene	10.98	284	171961	36.51	ng	# 67
68) Atrazine	11.09	200	173226	41.15	ng	94
69) Pentachlorophenol	11.18	266	196638	68.76	ng	98
70) Phenanthrene	11.41	178	893116	38.16	ng	99
71) Anthracene	11.45	178	888742	36.22	ng	100
72) Carbazole	11.61	167	825126	38.98	ng	97
73) Di-n-butylphthalate	11.94	149	1001868	37.79	ng	98
74) Fluoranthene	12.59	202	846281	34.54	ng	97
76) Benzidine	12.71	184	236096	17.92	ng	98
77) Pyrene	12.81	202	873779	31.07	ng	99
79) Butylbenzylphthalate	13.43	149	411516	30.69	ng	# 75
80) Benzo(a)anthracene	14.00	228	799565	35.16	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	69299	8.32	ng	# 95
82) Chrysene	14.04	228	615899	28.15	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	506825	30.43	ng	# 98
84) Di-n-octyl phthalate	14.61	149	940967	34.67	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	549852	30.08	ng	100
87) Benzo(b)fluoranthene	15.03	252	1288338	68.34	ng	# 97
88) Benzo(k)fluoranthene	15.03	252	1289191	83.00	ng	99
89) Benzo(a)pyrene	15.37	252	594974	37.23	ng	97
90) Dibenzo(a,h)anthracene	16.85	278	462652	34.71	ng	99
91) Benzo(g,h,i)perylene	17.25	276	448160	34.73	ng	99

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

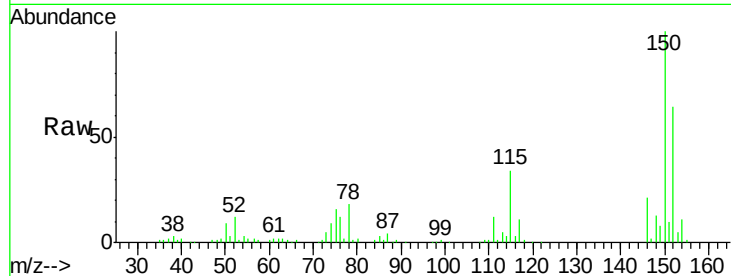


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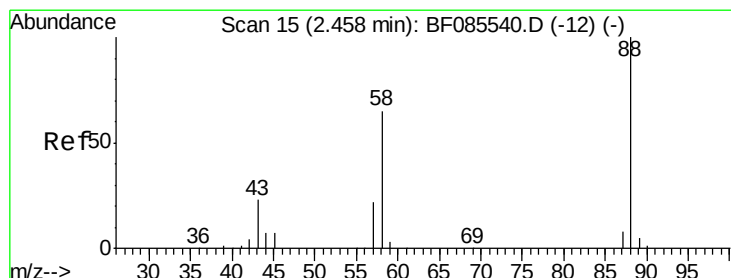
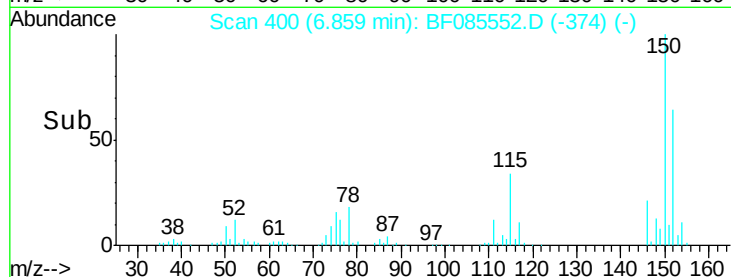
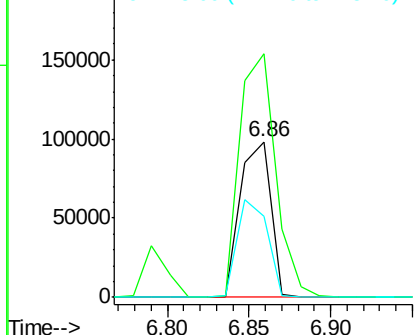
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB88981BSD

Tgt Ion:152 Resp: 127623
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 52.5 47.0 70.6



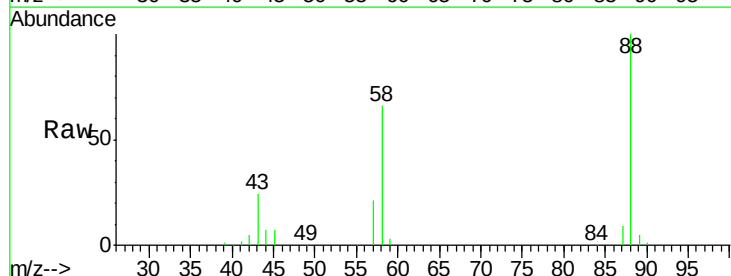
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



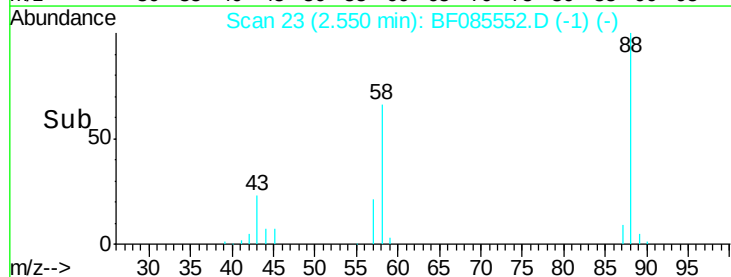
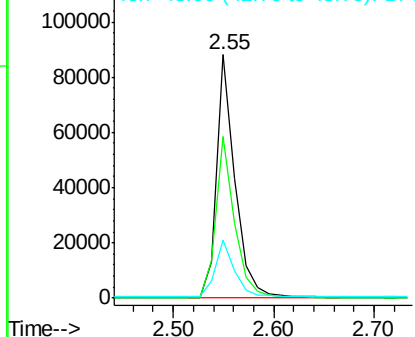
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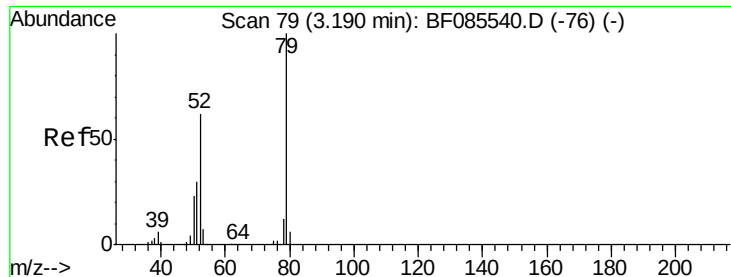
1,4-Dioxane
Concen: 30.59 ng
RT: 2.55 min Scan# 23
Delta R.T. 0.09 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion: 88 Resp: 112967
Ion Ratio Lower Upper
88 100
58 68.5 54.2 81.2
43 24.6 19.3 28.9



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





#3

Pyridine

Concen: 36.88 ng

RT: 3.27 min Scan# 86

Delta R.T. 0.08 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

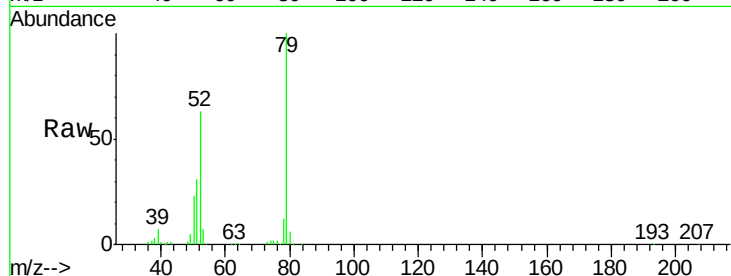
Tgt Ion: 79 Resp: 334530

Ion Ratio Lower Upper

79 100

52 62.9 49.8 74.6

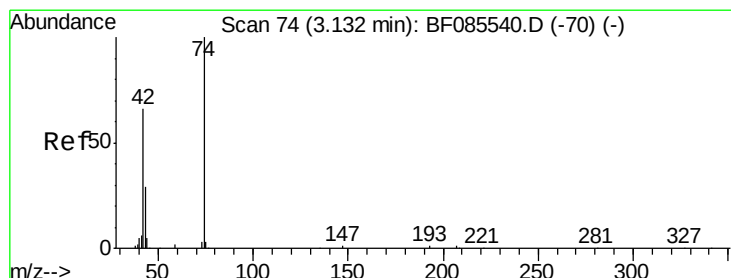
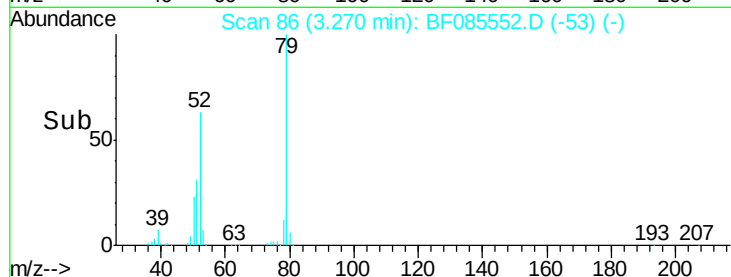
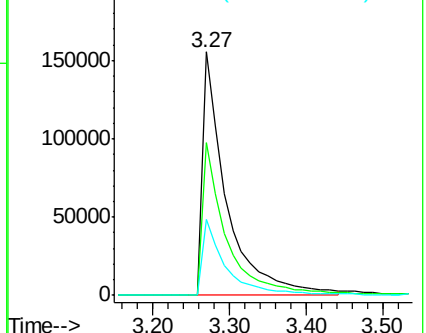
51 31.3 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.51 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

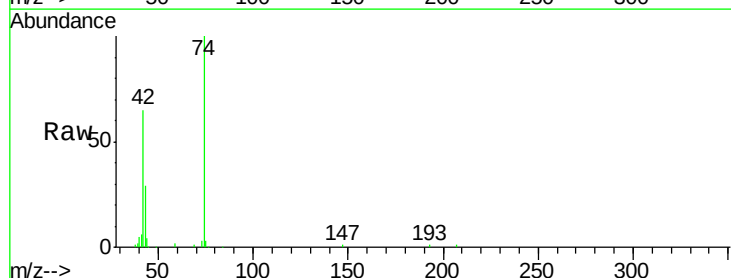
Tgt Ion: 42 Resp: 134464

Ion Ratio Lower Upper

42 100

74 153.3 121.4 182.2

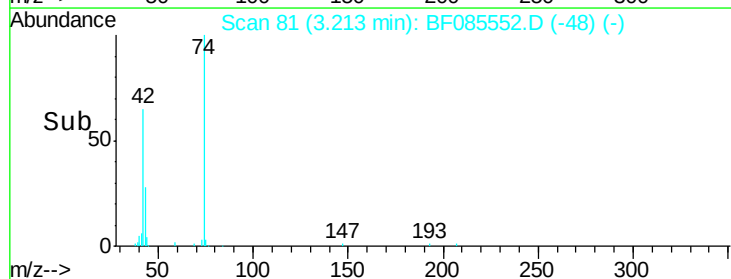
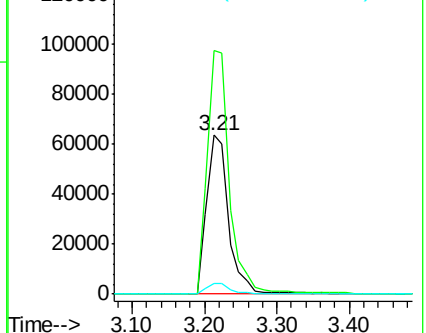
44 6.5 5.6 8.4

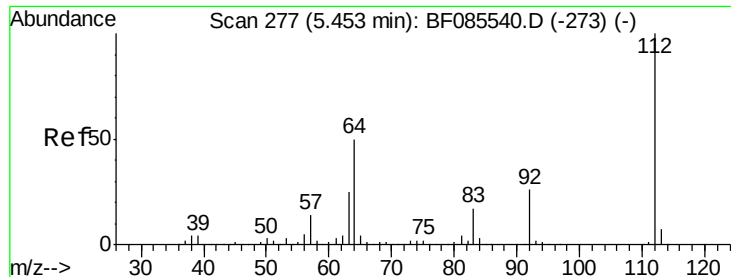


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.69 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

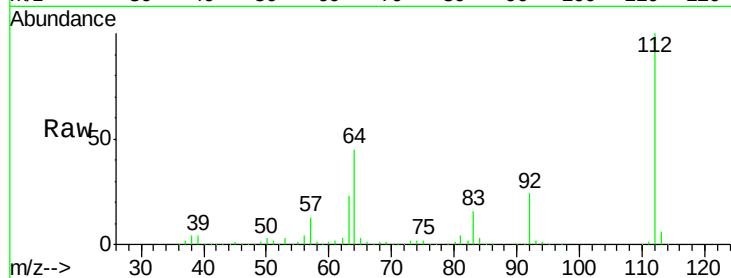
Tgt Ion: 112 Resp: 605467

Ion Ratio Lower Upper

112 100

64 45.0 39.9 59.9

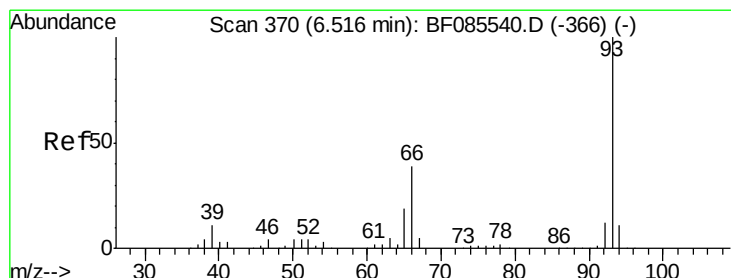
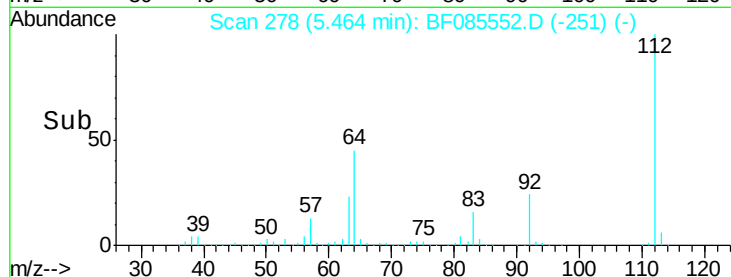
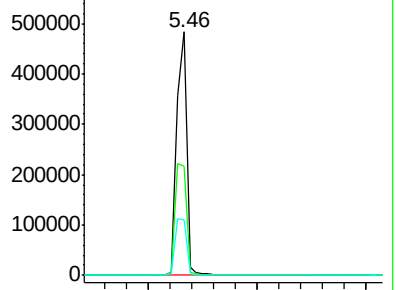
63 22.7 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.75 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

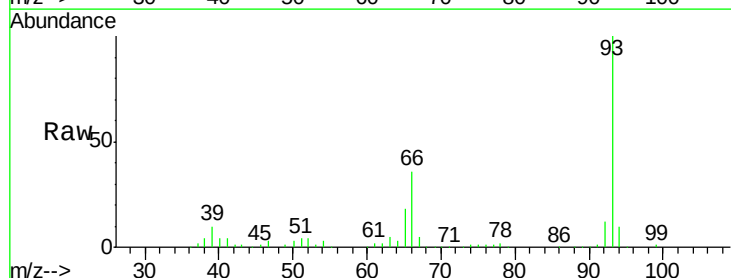
Tgt Ion: 93 Resp: 219253

Ion Ratio Lower Upper

93 100

66 36.5 31.4 47.2

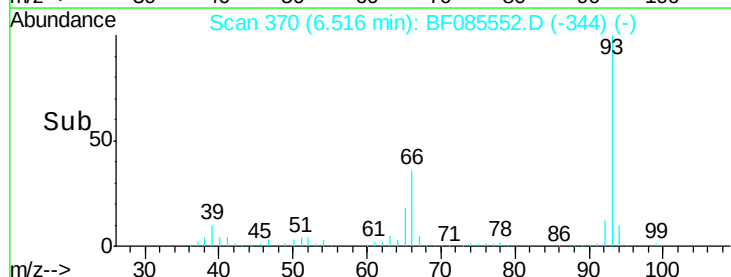
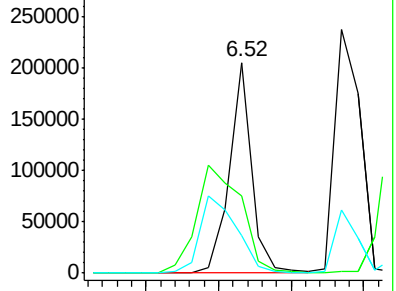
65 18.0 15.7 23.5

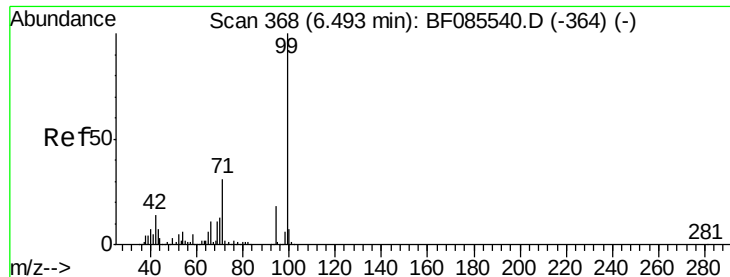


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.72 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

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ClientSampleId :

PB88981BSD

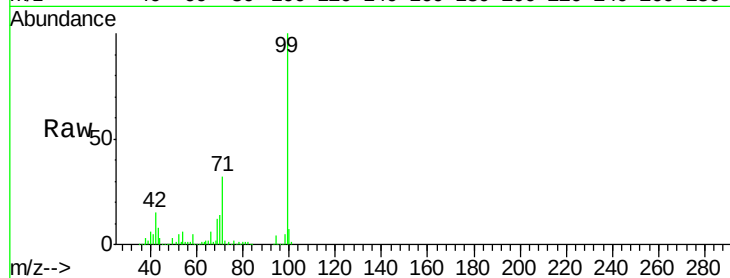
Tgt Ion: 99 Resp: 737894

Ion Ratio Lower Upper

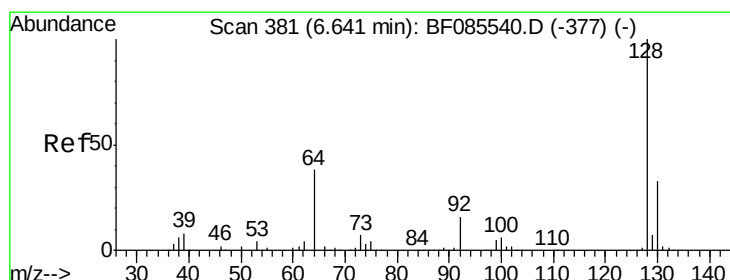
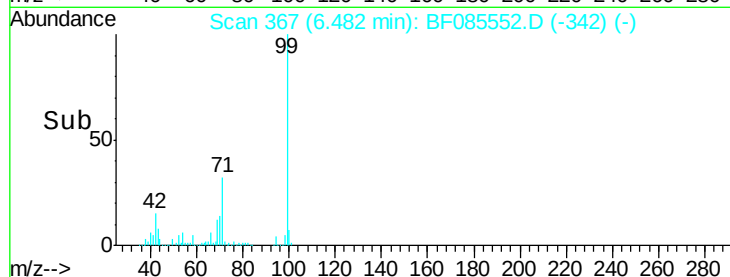
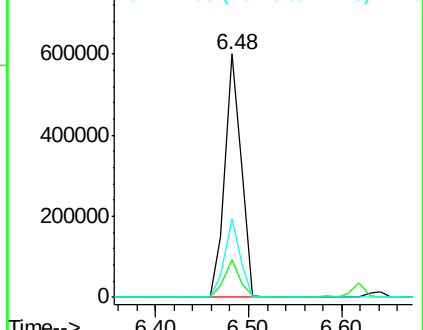
99 100

42 15.4 11.1 16.7

71 32.2 24.9 37.3



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



#8

2-Chlorophenol

Concen: 36.96 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

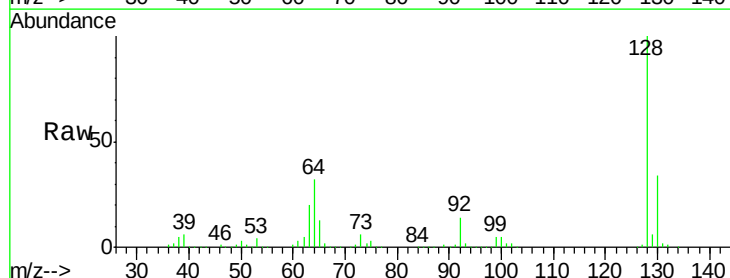
Tgt Ion: 128 Resp: 324875

Ion Ratio Lower Upper

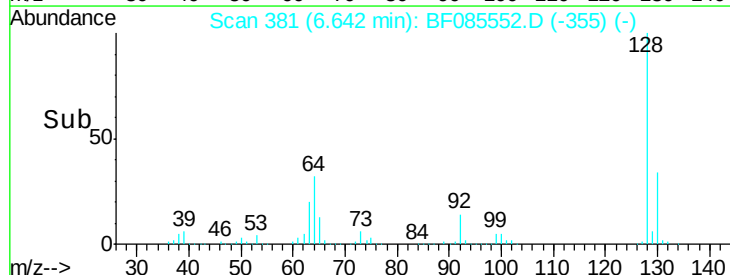
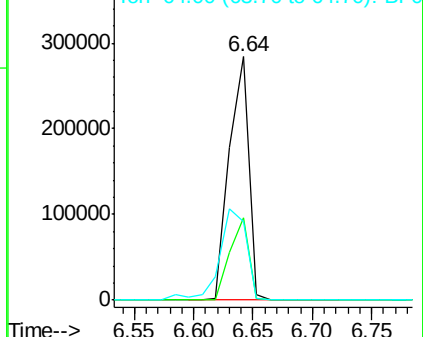
128 100

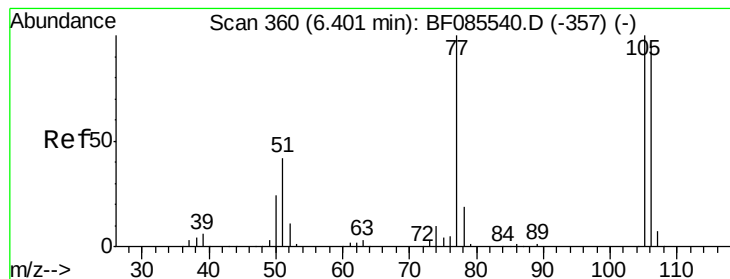
130 33.6 12.9 52.9

64 32.2 20.2 60.2



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: 9.33 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

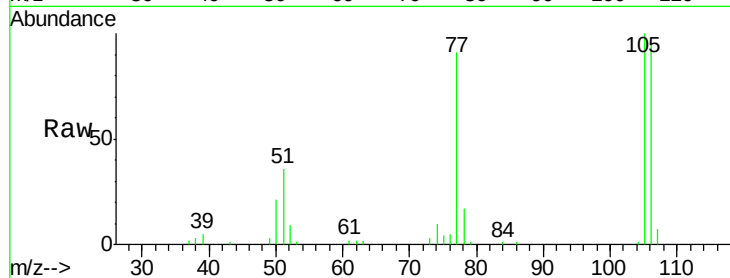
Tgt Ion: 77 Resp: 56337

Ion Ratio Lower Upper

77 100

105 110.4 80.1 120.1

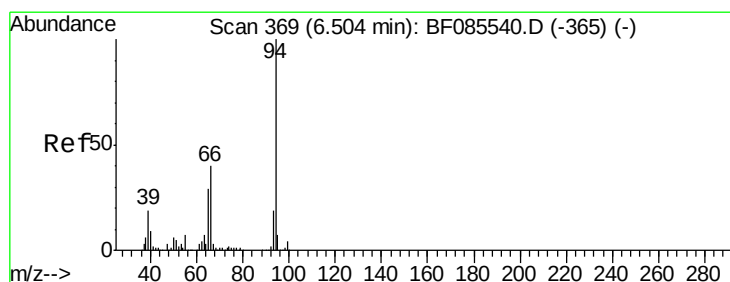
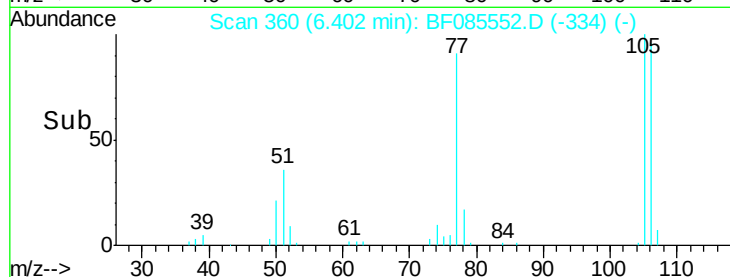
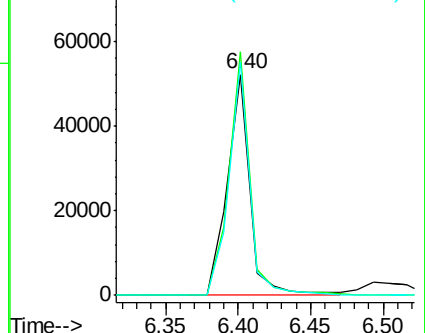
106 106.0 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.79 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

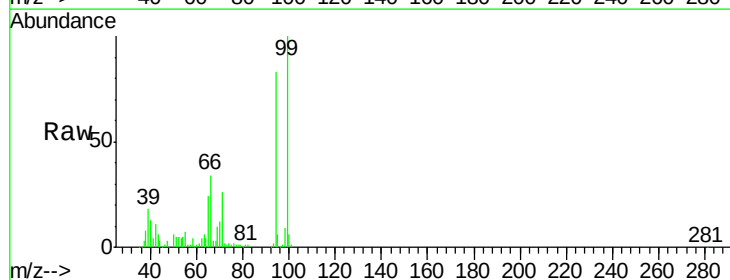
Tgt Ion: 94 Resp: 375096

Ion Ratio Lower Upper

94 100

65 29.1 8.6 48.6

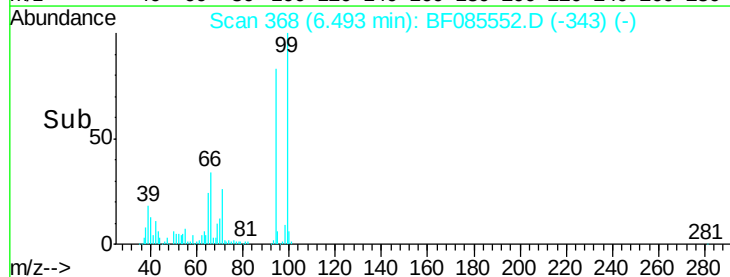
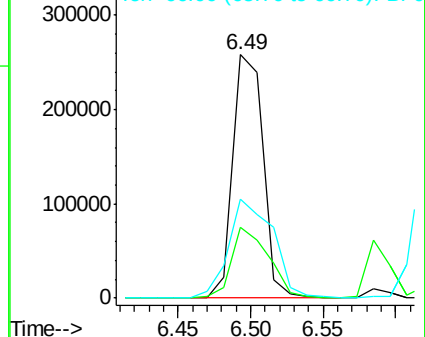
66 40.8 20.0 60.0

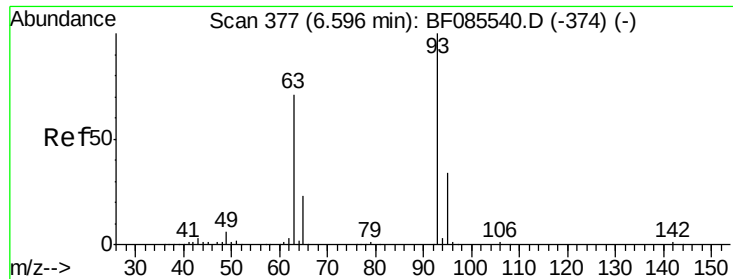


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

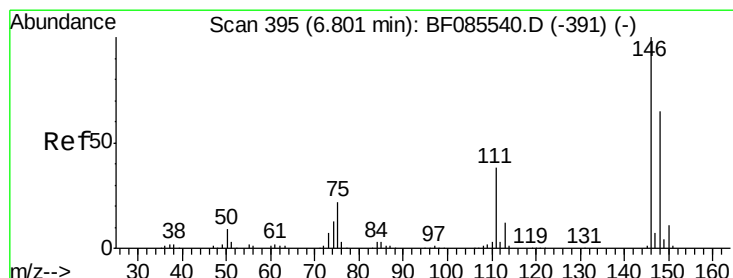
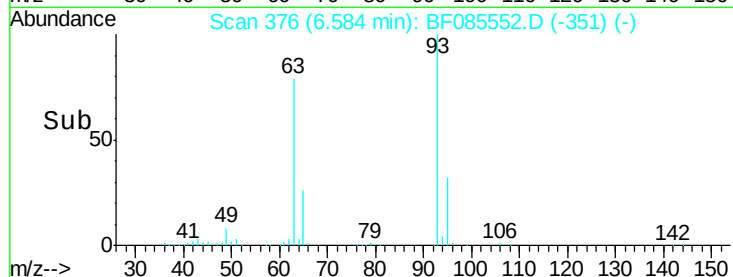
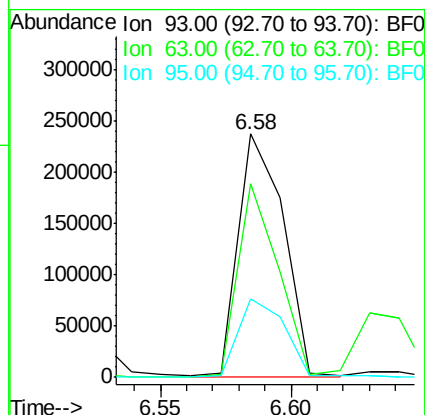
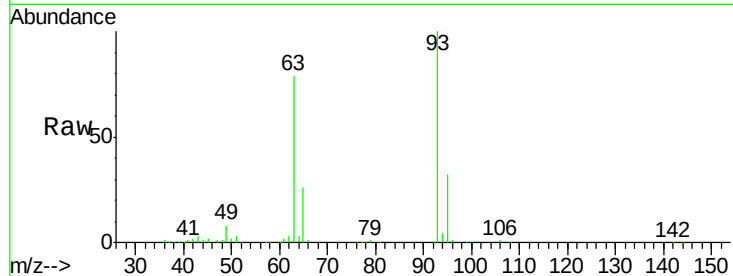




#11
bis(2-Chloroethyl)ether
Concen: 34.69 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

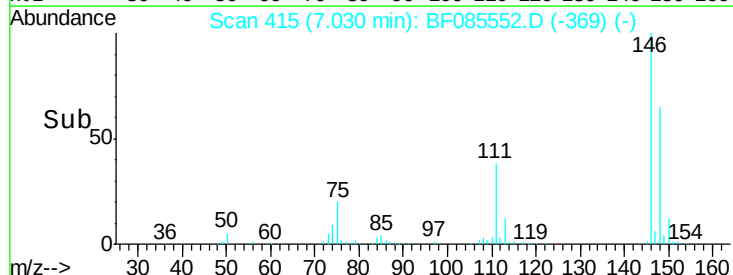
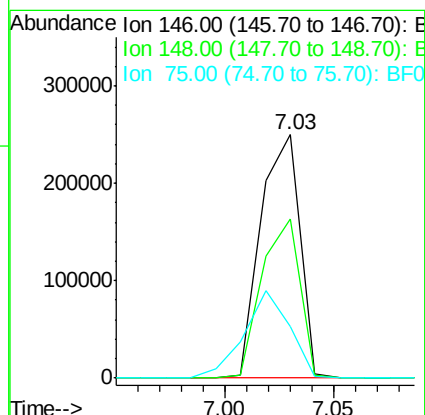
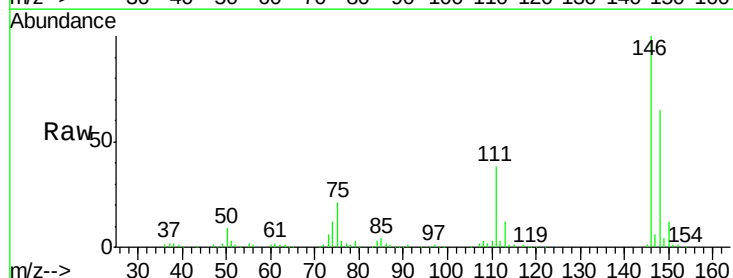
Instrument :
BNA_F
ClientSampleId :
PB88981BSD

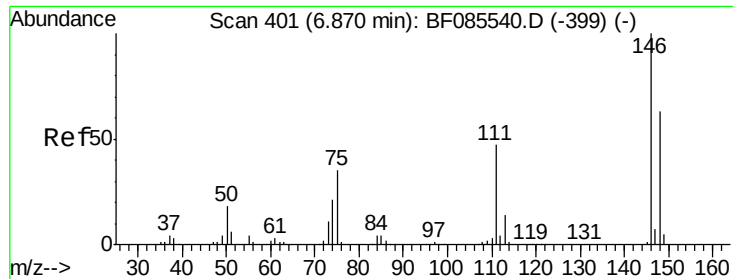
Tgt Ion: 93 Resp: 290257
Ion Ratio Lower Upper
93 100
63 79.4 50.9 90.9
95 32.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 33.01 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion: 146 Resp: 316195
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 21.0 17.4 26.2

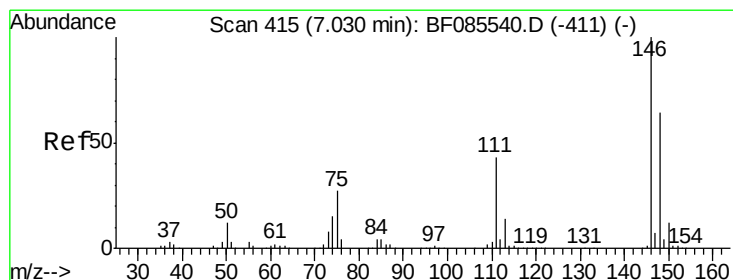
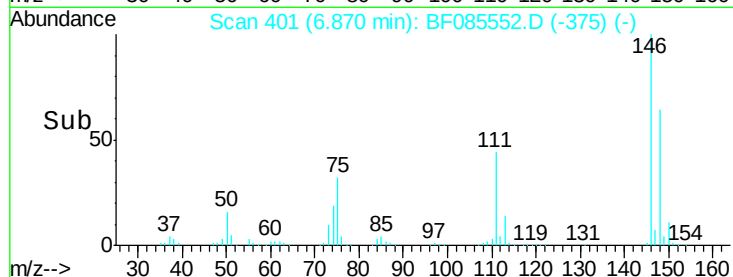
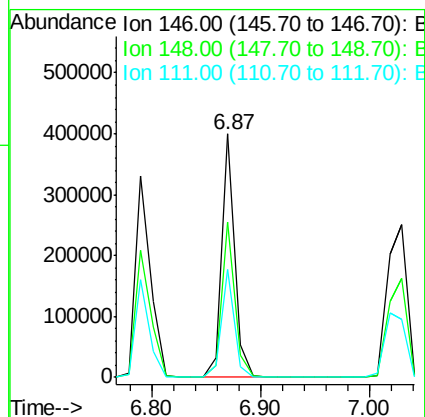
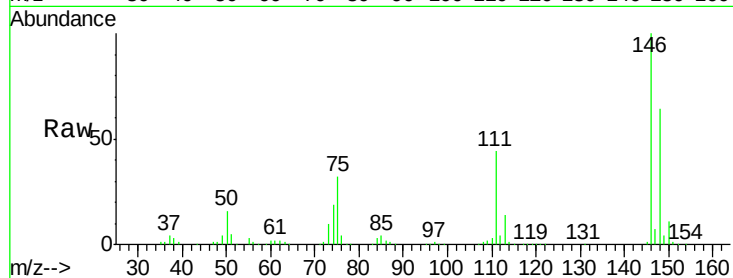




#13
 1,4-Dichlorobenzene
 Concen: 34.54 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

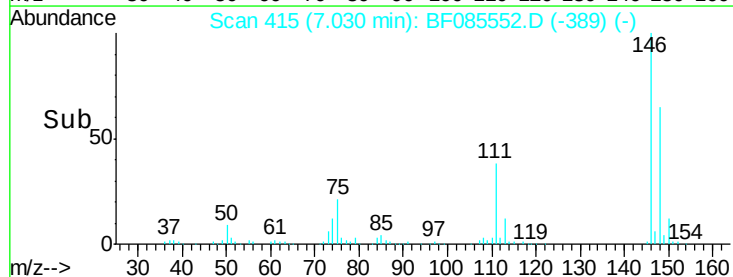
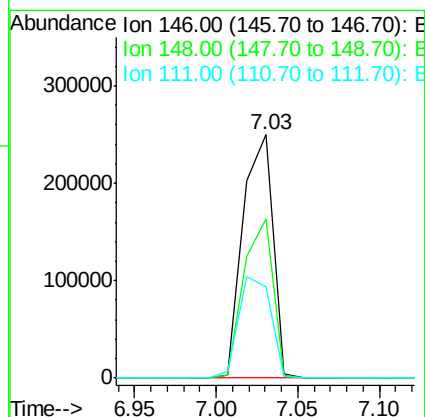
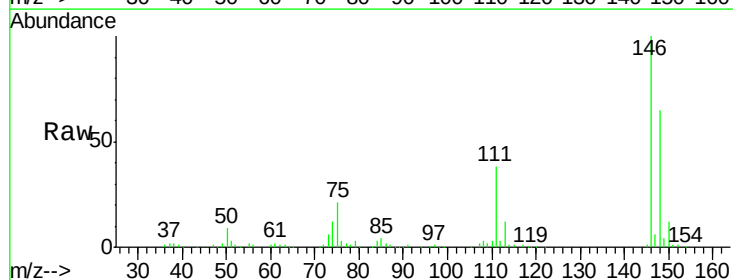
Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

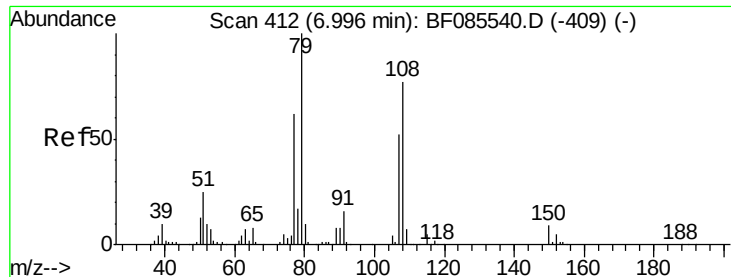
Tgt Ion:146 Resp: 337504
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 76.0
 111 44.3 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 36.45 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion:146 Resp: 316157
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.2
 111 37.8 34.6 52.0





#15

Benzyl Alcohol

Concen: 37.84 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

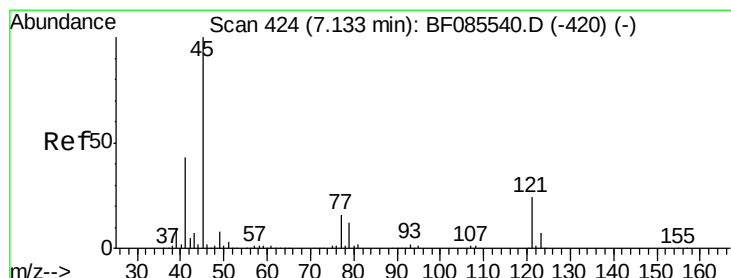
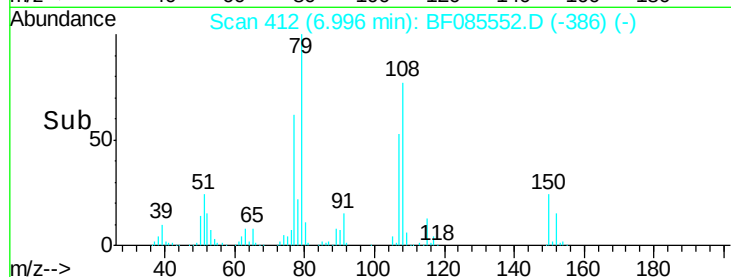
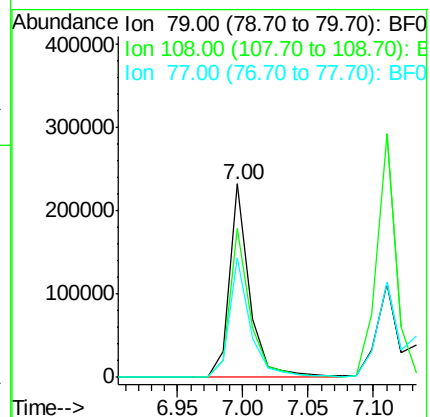
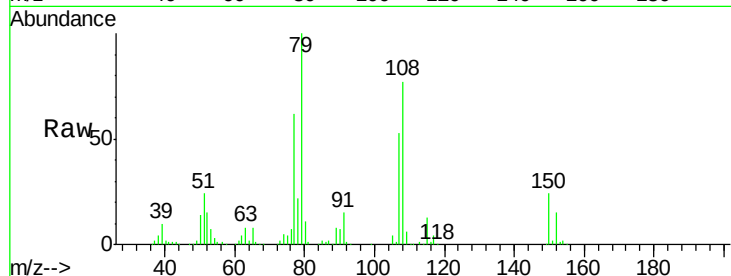
Tgt Ion: 79 Resp: 252553

Ion Ratio Lower Upper

79 100

108 77.2 61.8 92.6

77 61.8 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.49 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

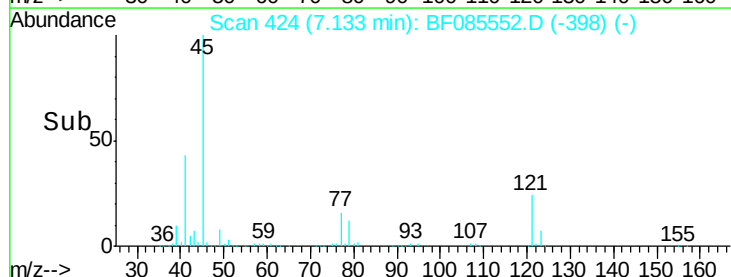
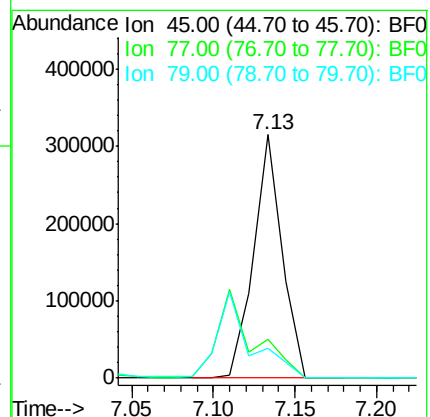
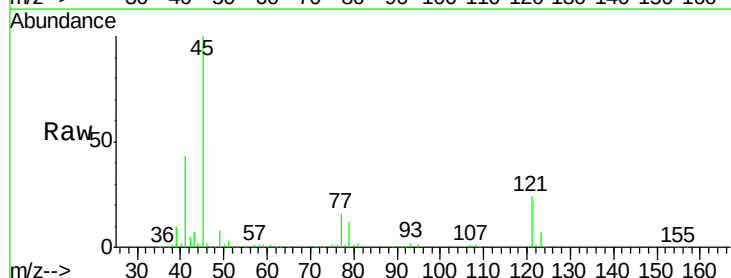
Tgt Ion: 45 Resp: 379584

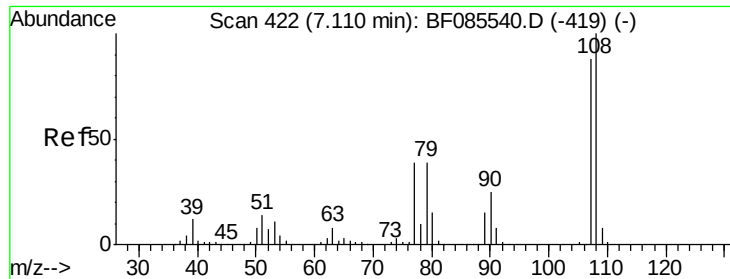
Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.7

79 12.5 0.0 32.2

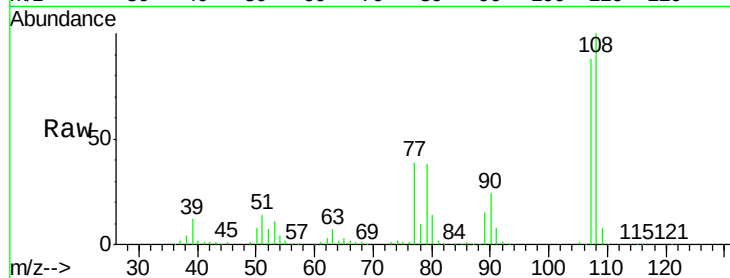




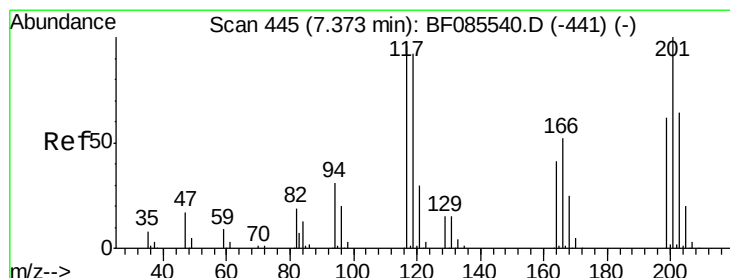
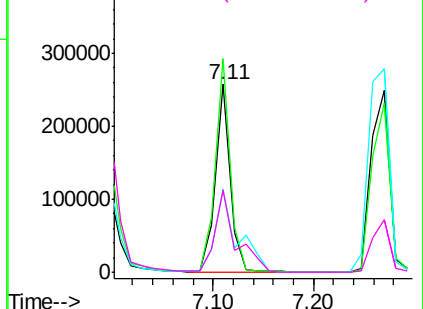
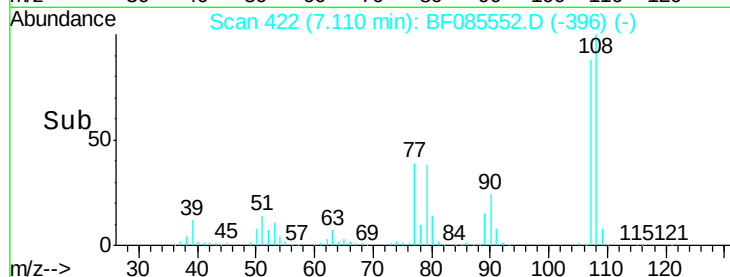
#17
2-Methylphenol
Concen: 36.30 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB88981BSD

Tgt Ion:107 Resp: 264510
Ion Ratio Lower Upper
107 100
108 113.8 91.4 137.0
77 44.6 36.2 54.2
79 43.6 35.8 53.8

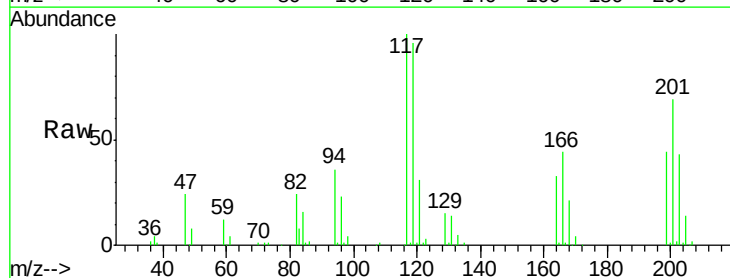


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

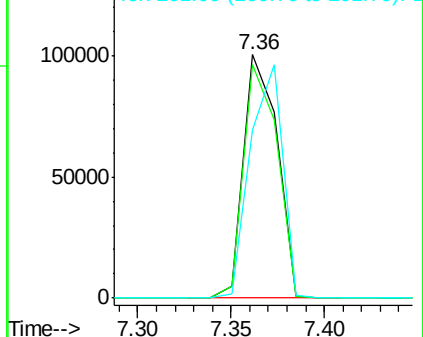
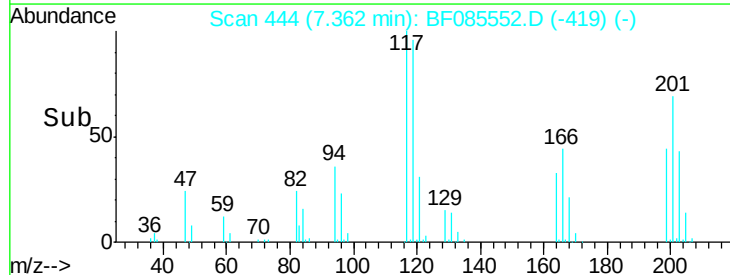


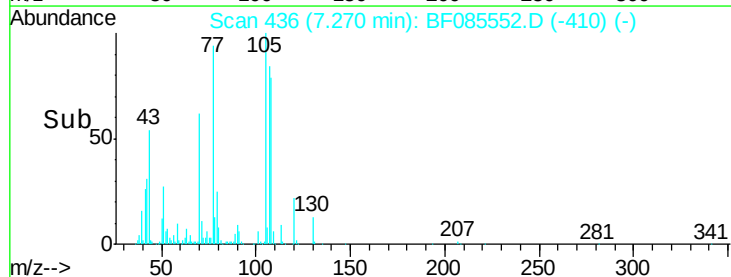
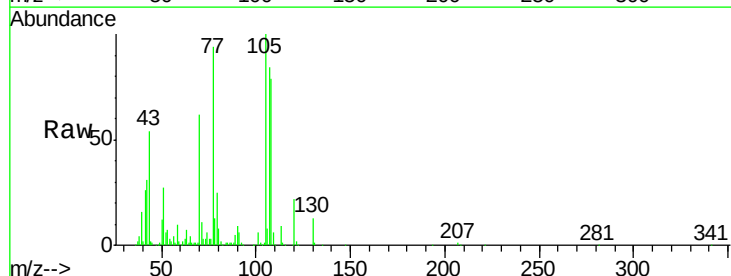
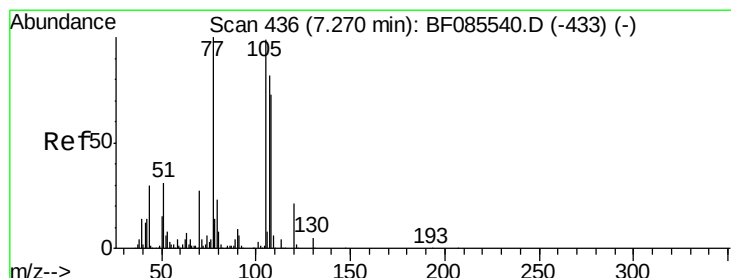
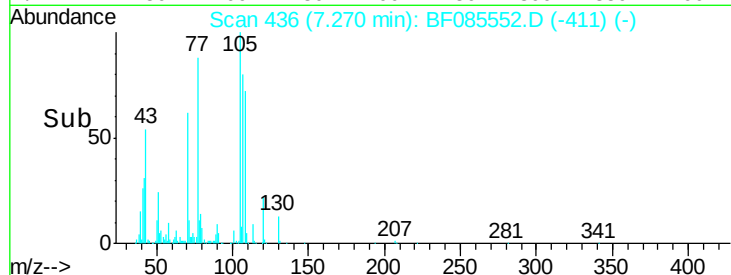
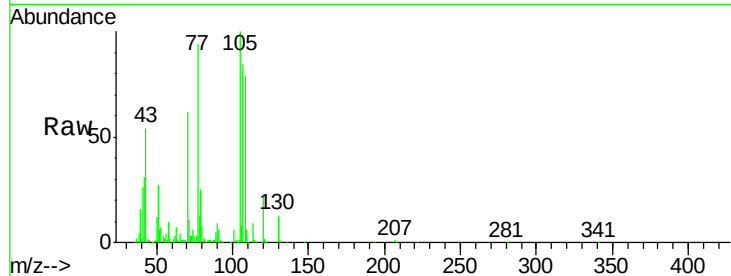
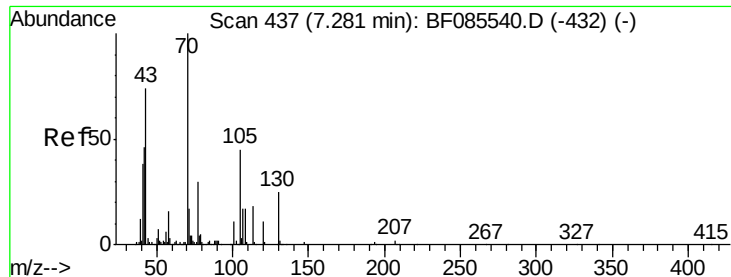
#18
Hexachloroethane
Concen: 35.57 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion:117 Resp: 125494
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
201 69.0 83.3 124.9#



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

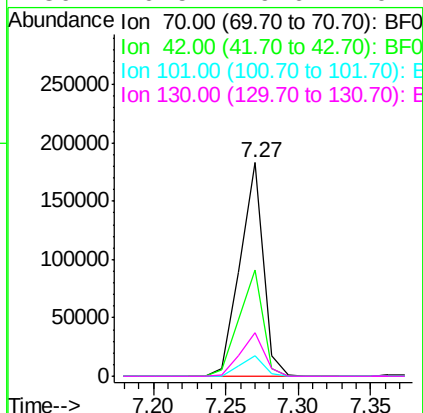




#19
n-Nitroso-di-n-propylamine
Concen: 35.20 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

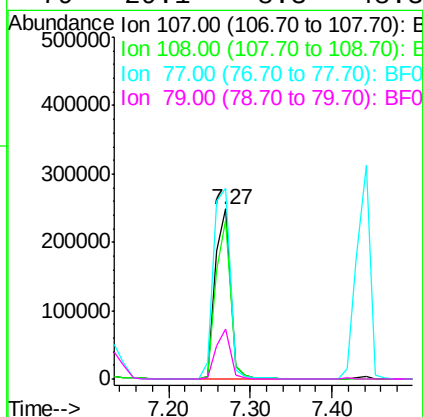
Instrument :
BNA_F
ClientSampleId :
PB88981BSD

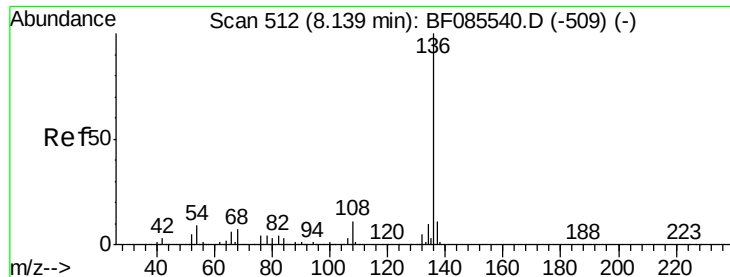
Tgt Ion: 70 Resp: 204892
Ion Ratio Lower Upper
70 100
42 49.9 37.1 55.7
101 9.7 8.6 12.8
130 20.5 19.6 29.4



#20
3+4-Methylphenols
Concen: 38.05 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion: 107 Resp: 321143
Ion Ratio Lower Upper
107 100
108 93.3 69.3 109.3
77 111.9 101.7 141.7
79 29.1 8.3 48.3

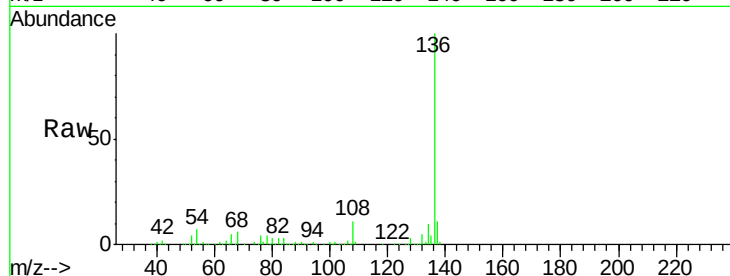




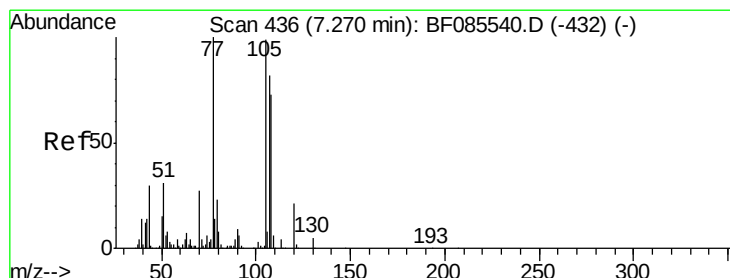
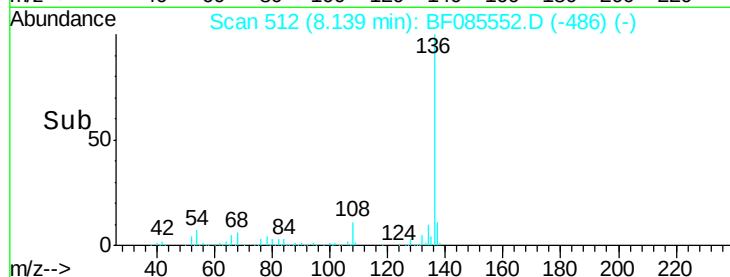
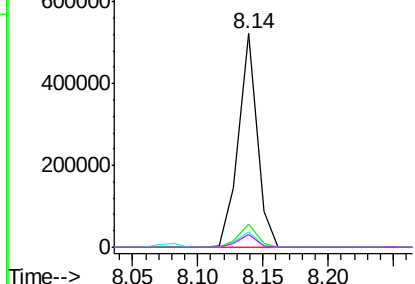
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB88981BSD

Tgt Ion:	136	Resp:	523071
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	7.4	11.0#
68	6.3	5.8	8.8

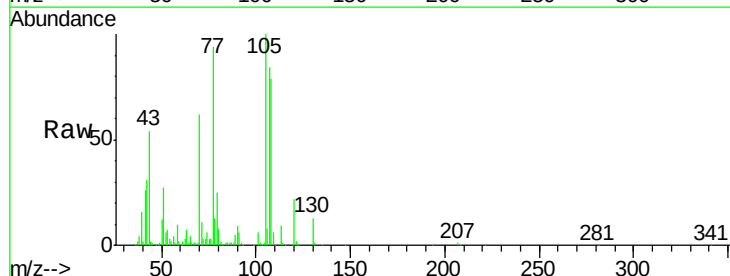


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

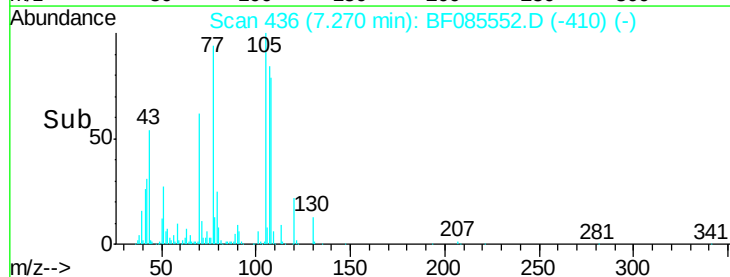
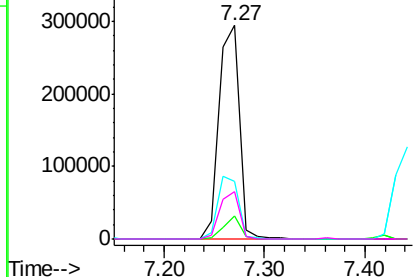


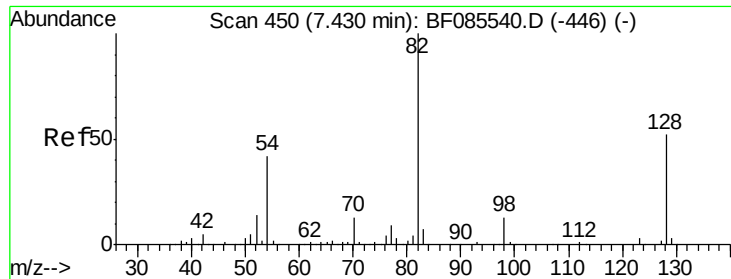
#22
Acetophenone
Concen: 33.36 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion:	105	Resp:	414120
Ion	Ratio	Lower	Upper
105	100		
71	10.5	3.6	5.4#
51	27.1	25.4	38.0
120	22.2	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

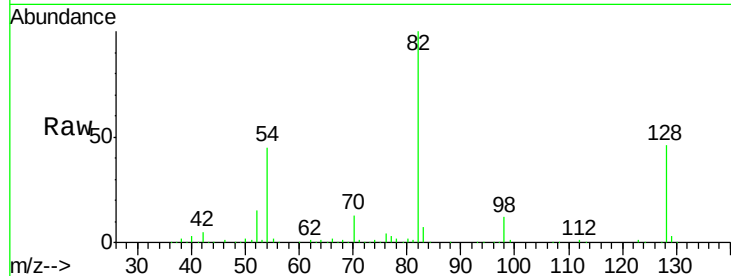




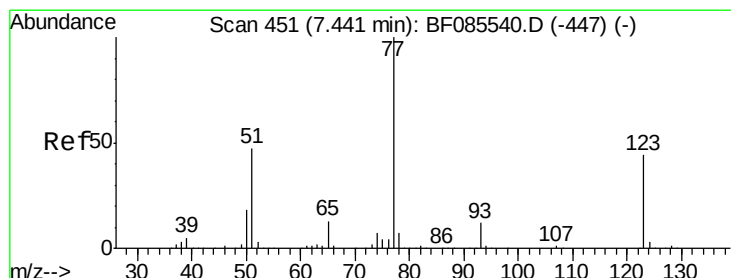
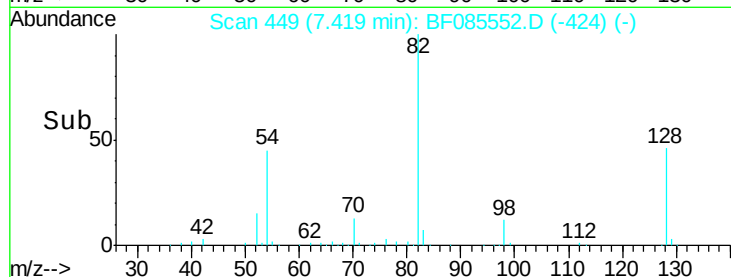
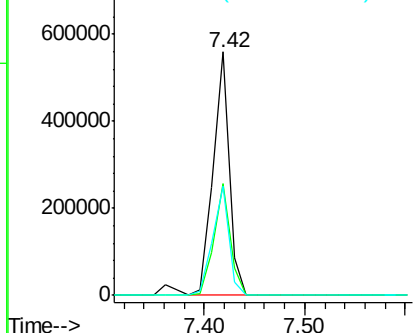
#23
 Nitrobenzene-d5
 Concen: 69.44 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

Tgt Ion: 82 Resp: 625701
 Ion Ratio Lower Upper
 82 100
 128 45.8 41.8 62.8
 54 45.0 33.4 50.0

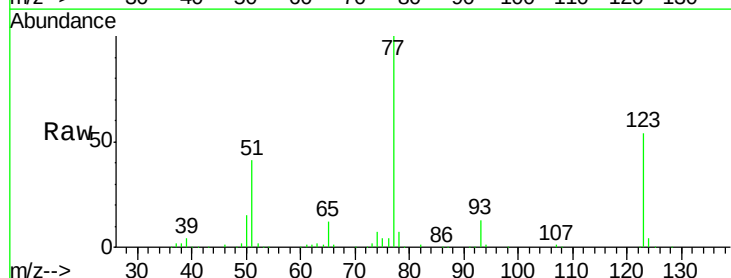


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

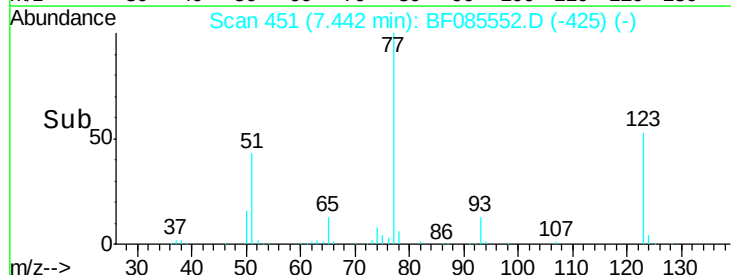
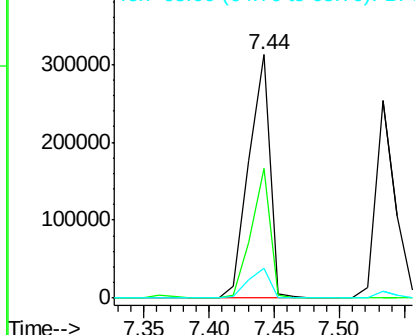


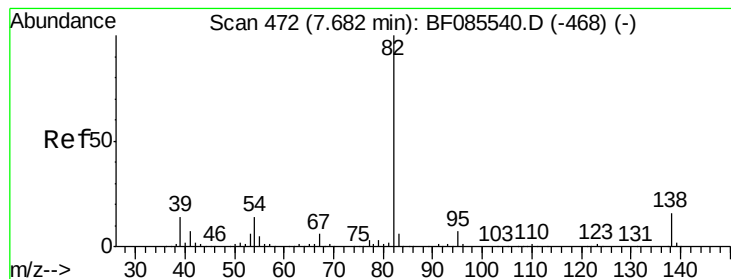
#24
 Nitrobenzene
 Concen: 35.45 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion: 77 Resp: 349667
 Ion Ratio Lower Upper
 77 100
 123 53.5 35.0 52.4#
 65 12.2 10.6 16.0



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





#25

Isophorone

Concen: 34.99 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

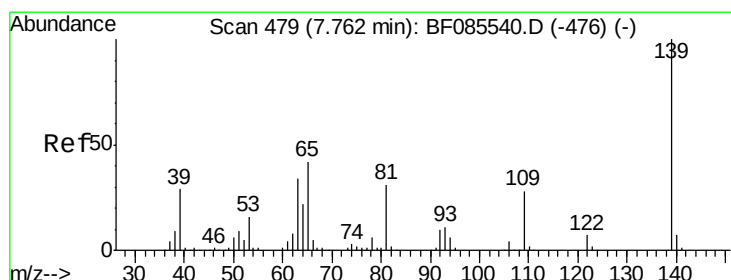
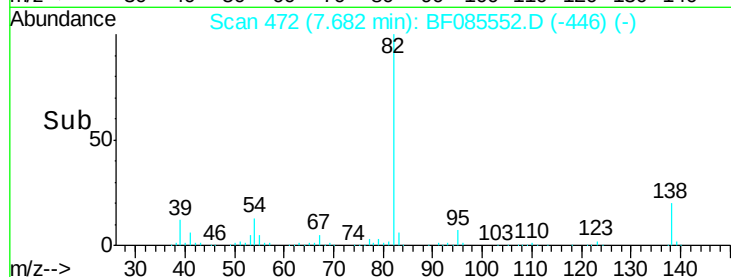
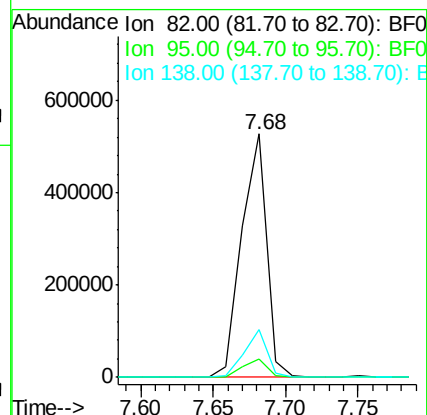
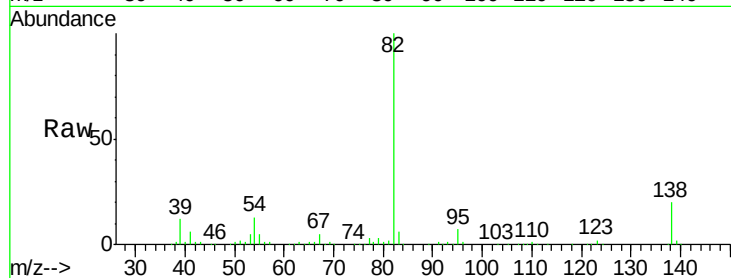
Tgt Ion: 82 Resp: 631239

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 19.7 12.9 19.3#



#26

2-Nitrophenol

Concen: 34.29 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

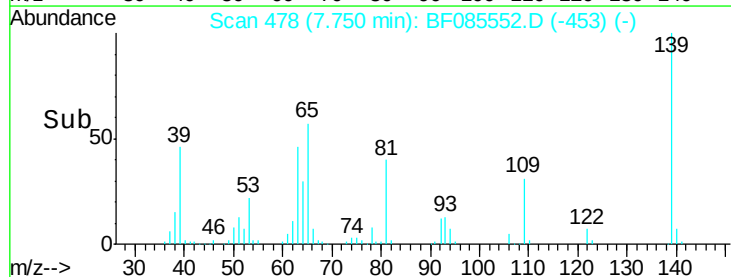
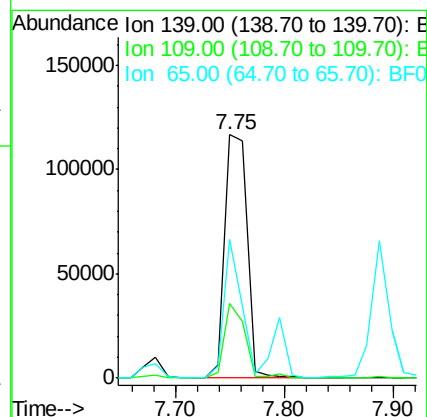
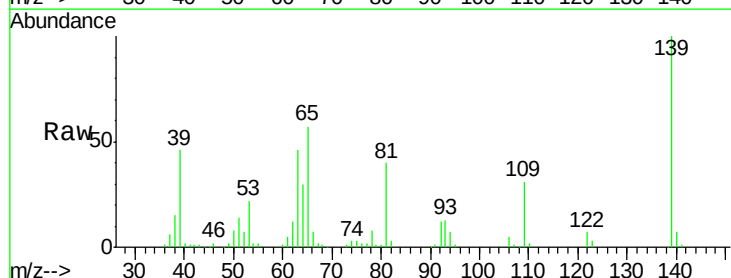
Tgt Ion: 139 Resp: 167158

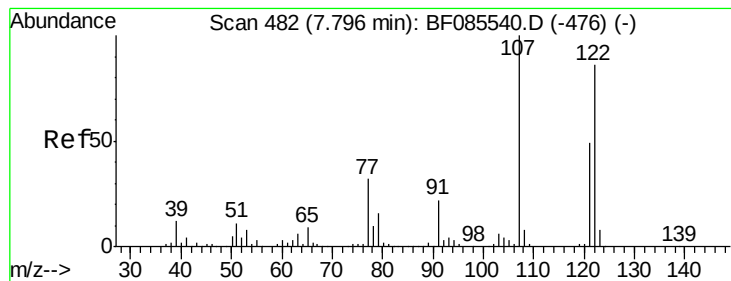
Ion Ratio Lower Upper

139 100

109 30.8 22.1 33.1

65 56.9 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 36.36 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

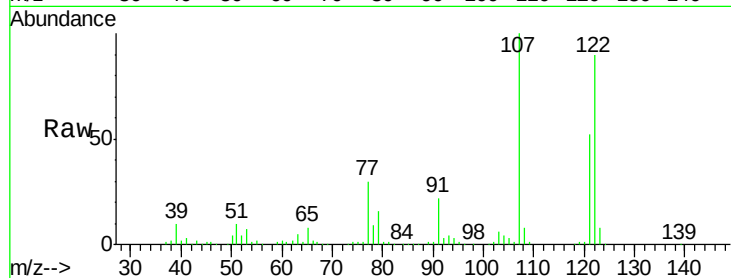
Tgt Ion:122 Resp: 313421

Ion Ratio Lower Upper

122 100

107 111.7 93.0 139.6

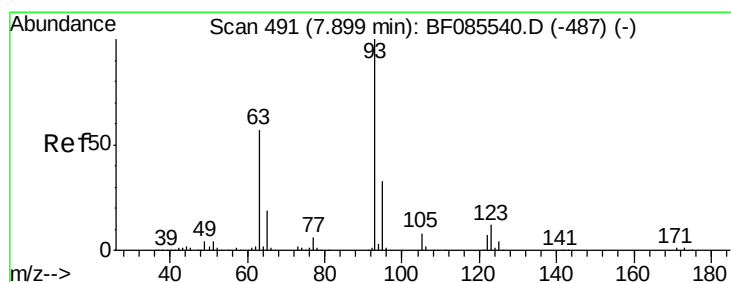
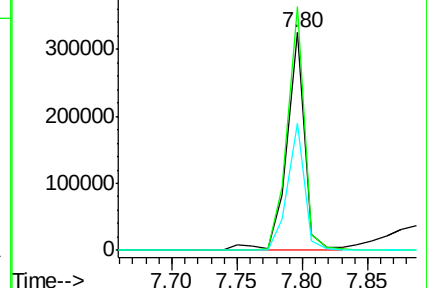
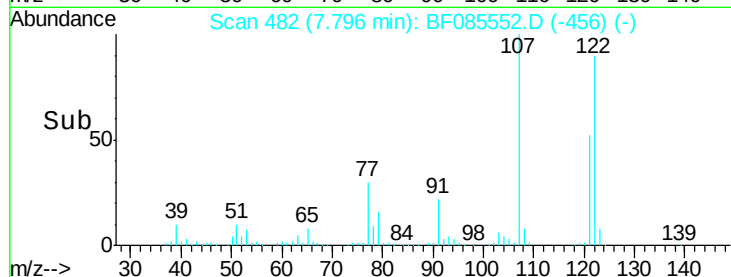
121 58.4 45.9 68.9



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: 35.47 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

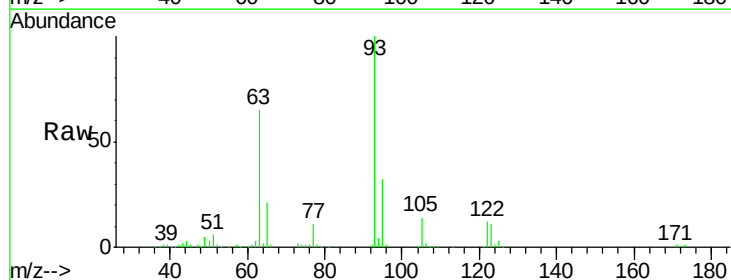
Tgt Ion: 93 Resp: 364048

Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

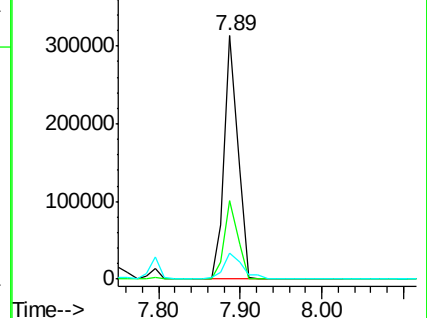
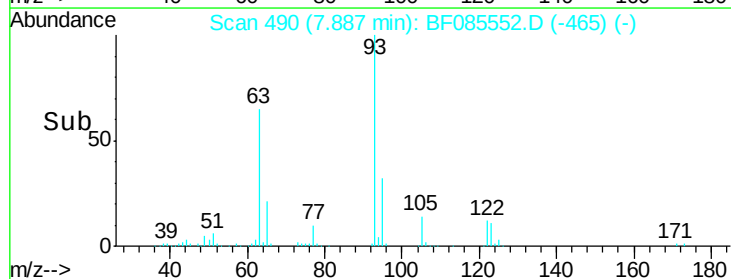
123 10.8 9.8 14.6

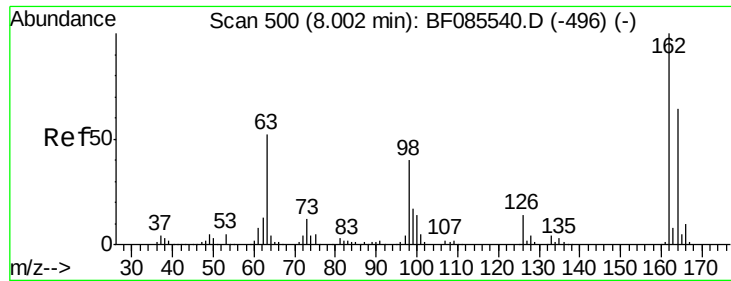


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

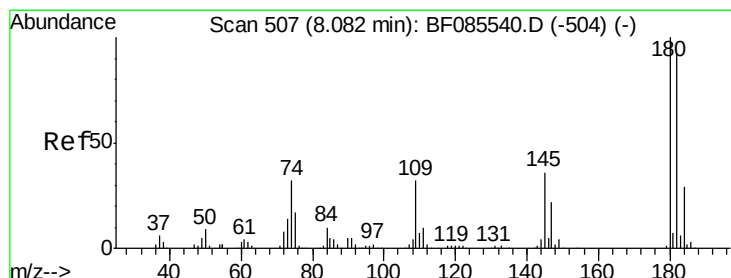
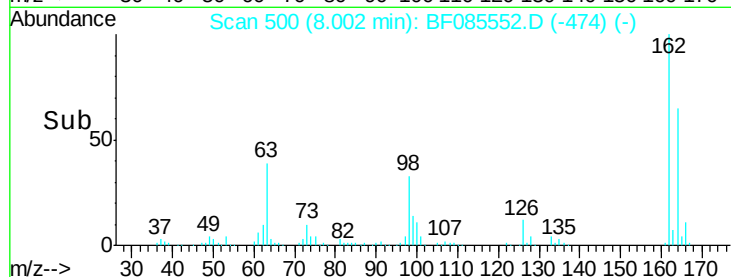
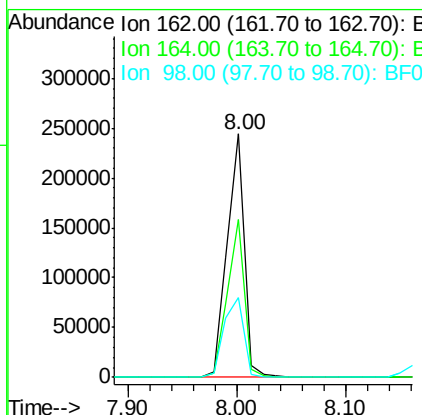
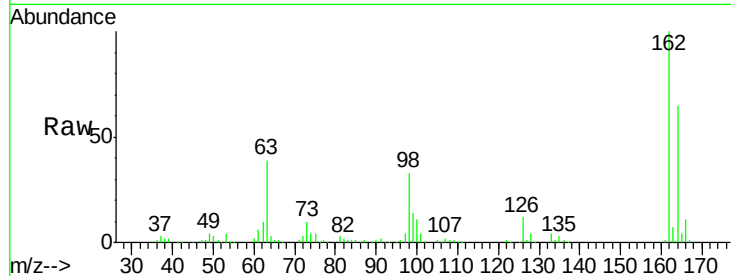




#29
 2,4-Dichlorophenol
 Concen: 37.32 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

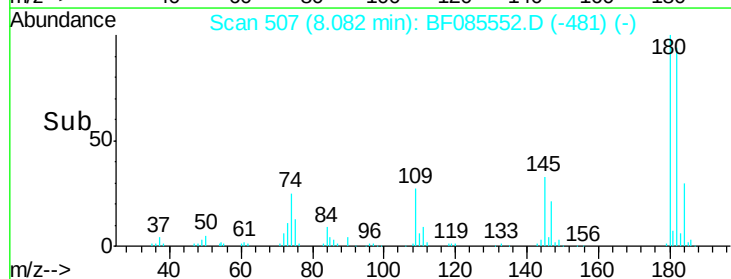
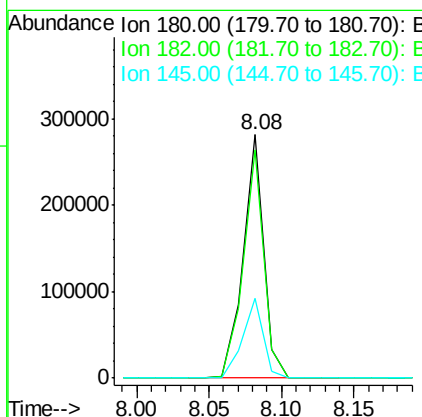
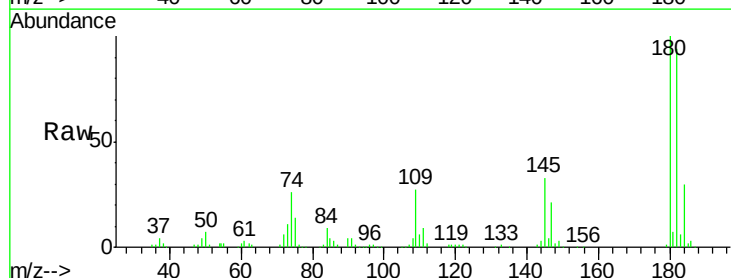
Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

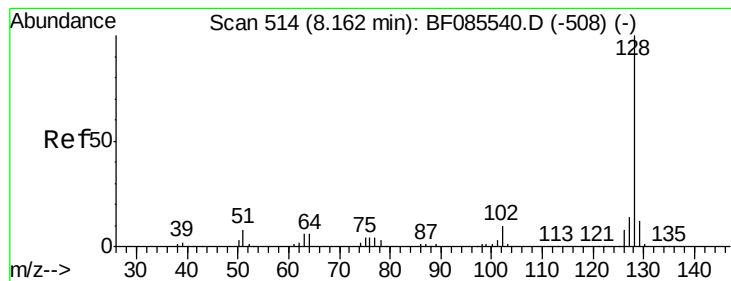
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.7	83.7
98	32.7	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 34.79 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	73.8	110.8
145	32.8	28.4	42.6





#31

Naphthalene

Concen: 34.85 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

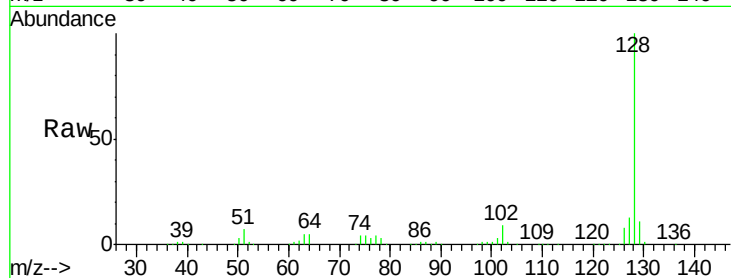
Tgt Ion:128 Resp: 920018

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

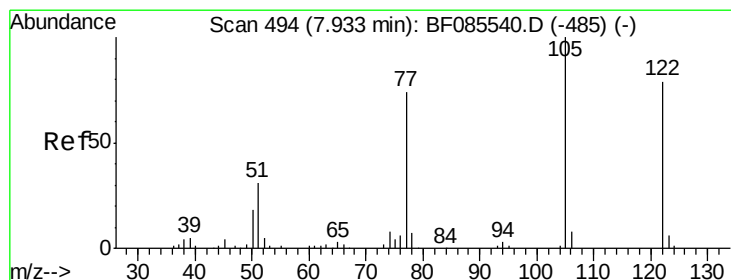
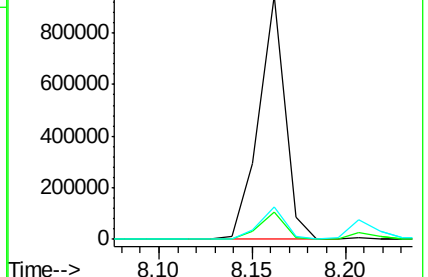
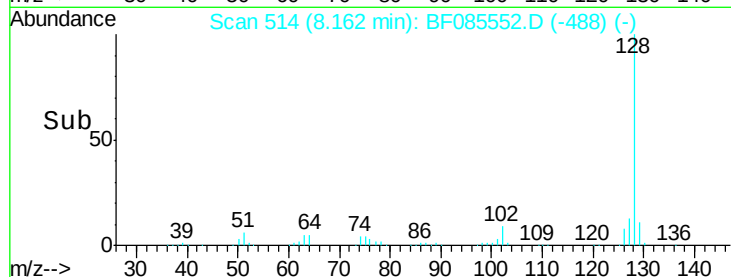
127 13.3 11.0 16.6



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: 28.17 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

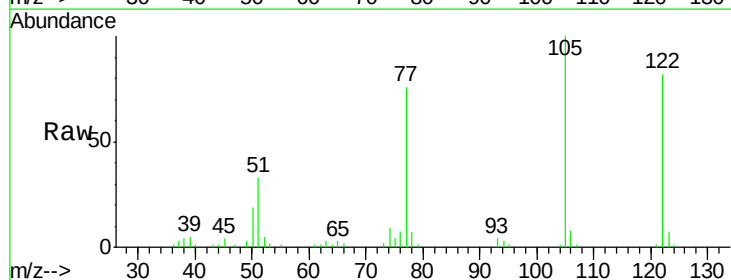
Tgt Ion:122 Resp: 203046

Ion Ratio Lower Upper

122 100

105 121.3 102.9 142.9

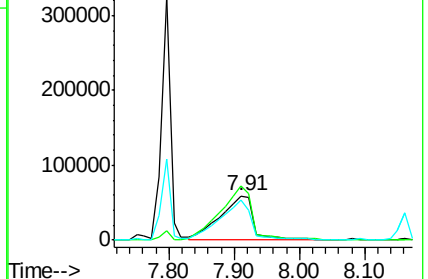
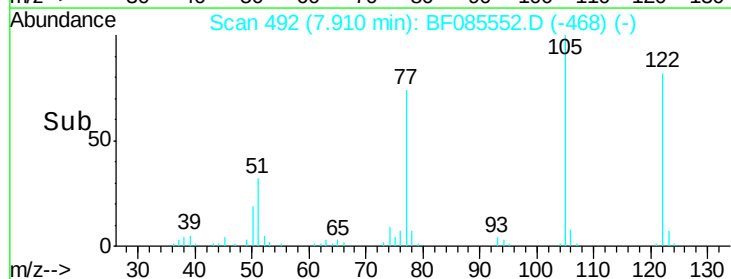
77 91.6 71.8 111.8

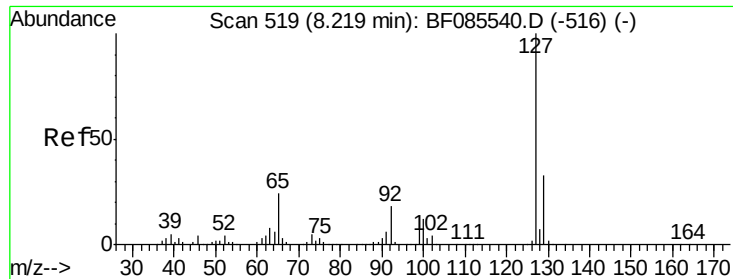


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

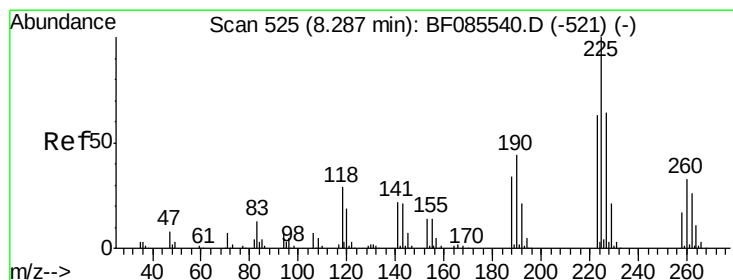
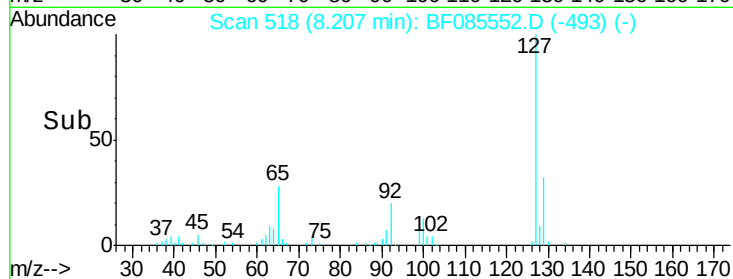
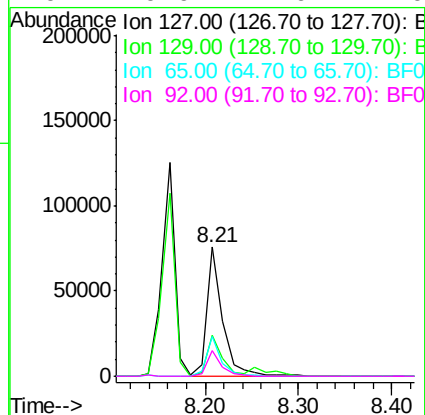
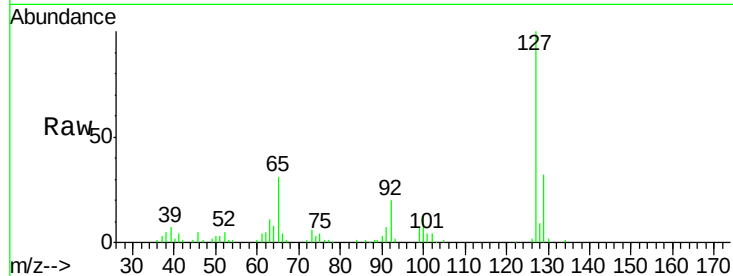




#33
4-Chloroaniline
Concen: 8.31 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

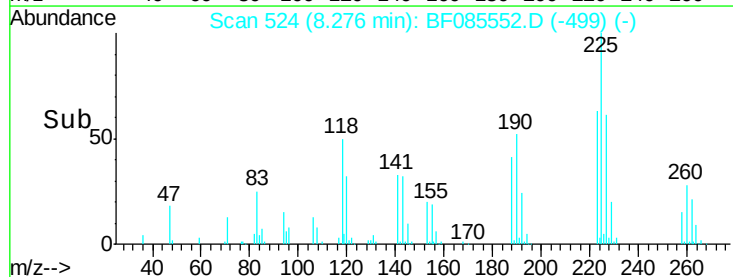
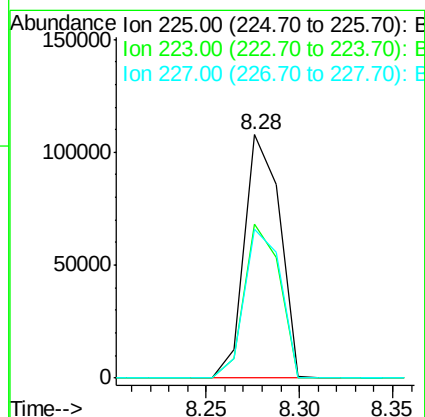
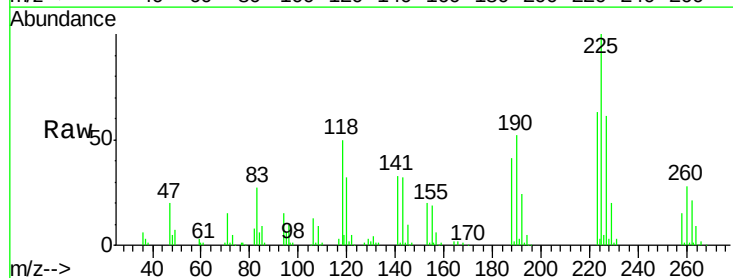
Instrument :
BNA_F
ClientSampleId :
PB88981BSD

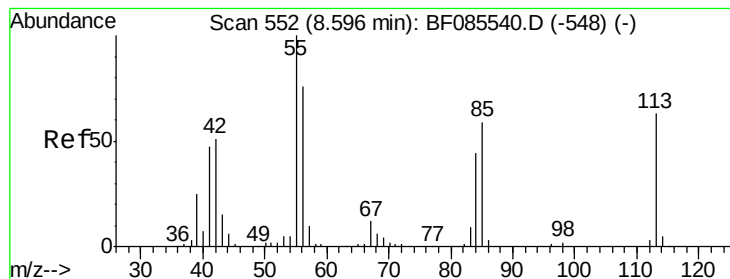
Tgt Ion:	127	Resp:	89901
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	30.5	19.5	29.3
92	19.9	14.6	22.0



#34
Hexachlorobutadiene
Concen: 33.39 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion:	225	Resp:	141891
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	61.3	51.4	77.2





#35

Caprolactam

Concen: 9.93 ng

RT: 8.62 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

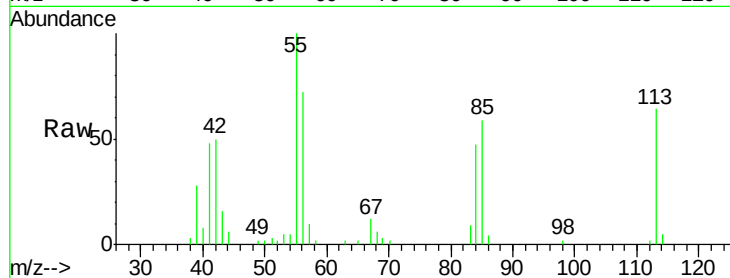
Tgt Ion:113 Resp: 24316

Ion Ratio Lower Upper

113 100

55 157.2 139.4 179.4

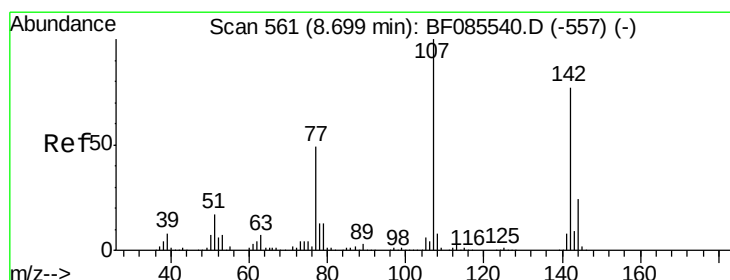
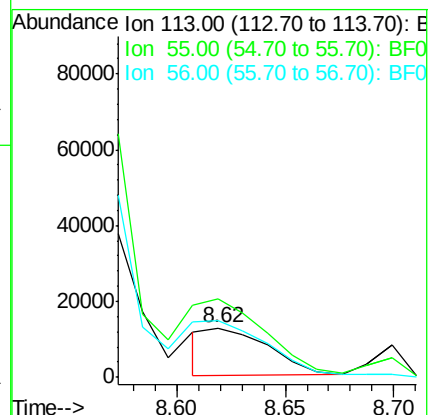
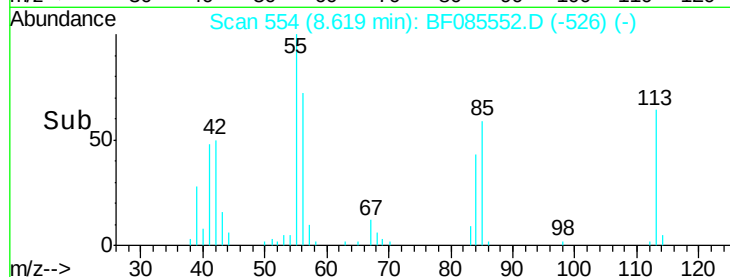
56 113.5 100.4 140.4



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: 36.14 ng

RT: 8.70 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

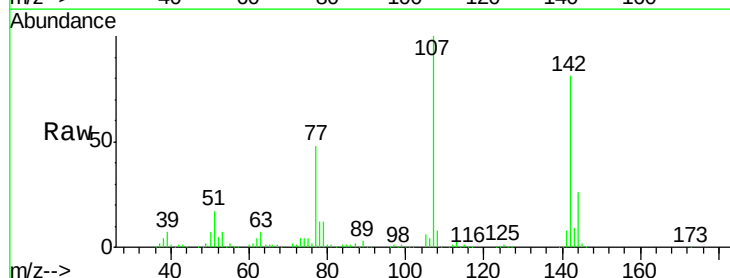
Tgt Ion:107 Resp: 300485

Ion Ratio Lower Upper

107 100

144 26.2 19.3 28.9

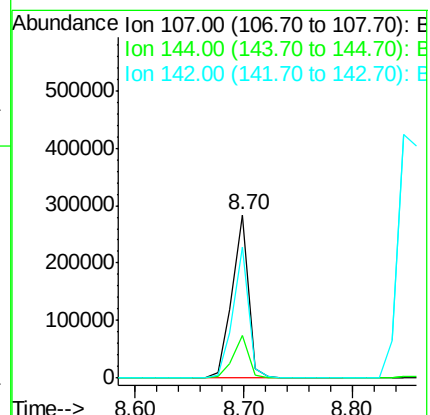
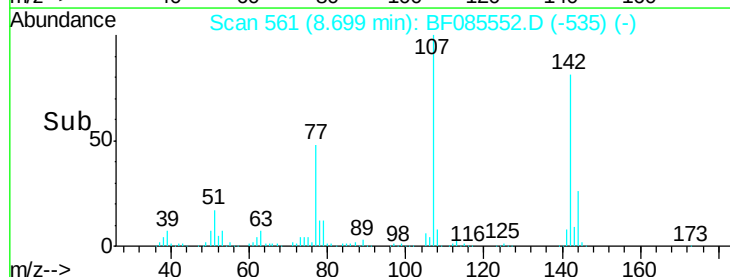
142 80.5 61.4 92.0

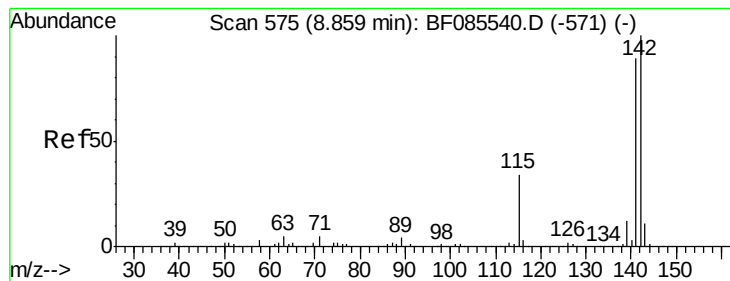


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

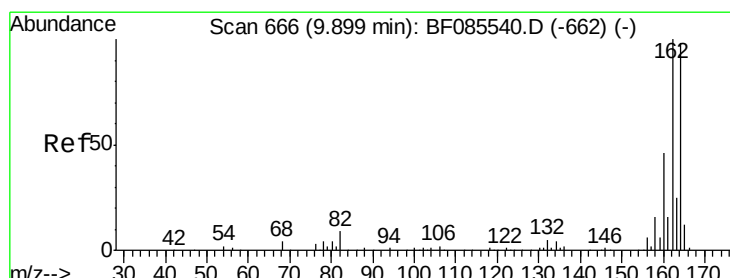
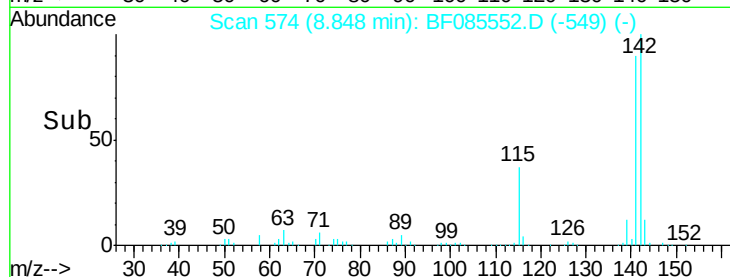
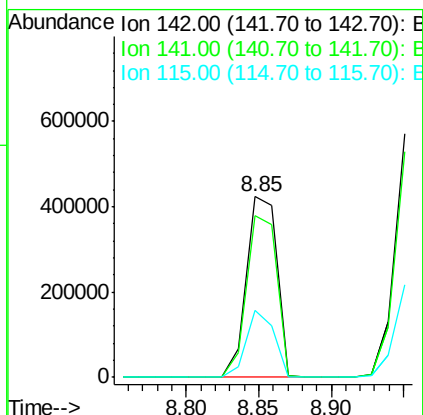
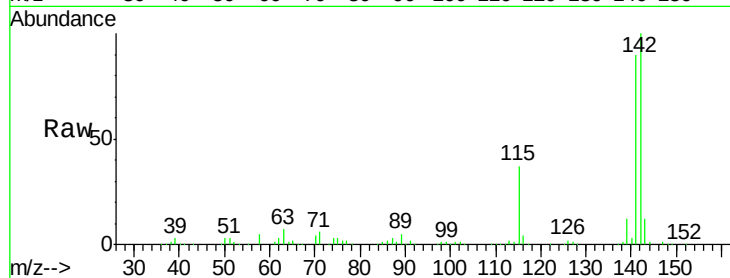




#37
 2-Methylnaphthalene
 Concen: 38.27 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

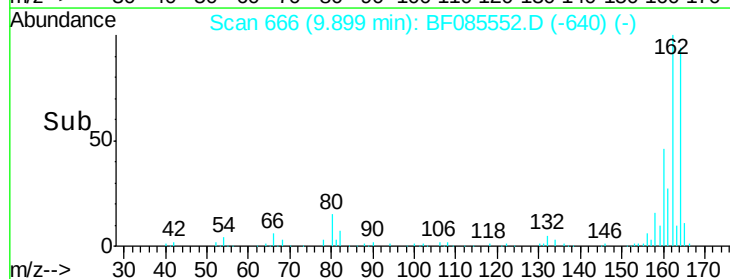
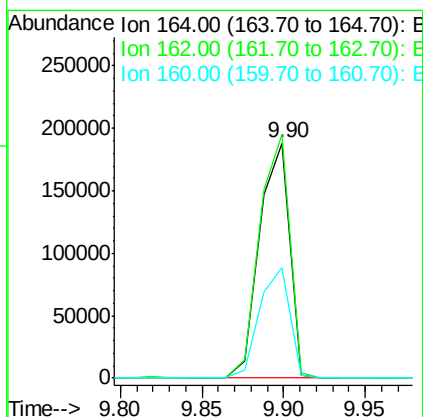
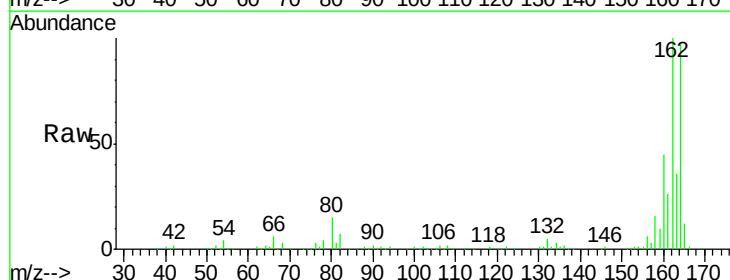
Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

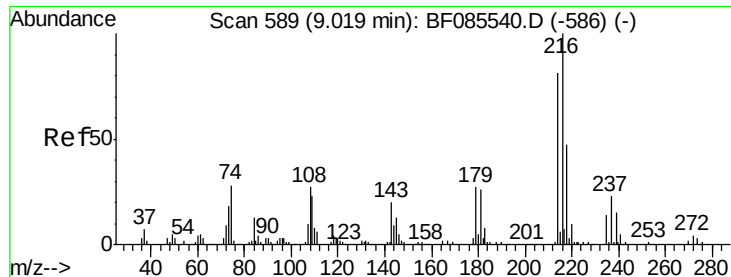
Tgt Ion:142 Resp: 615844
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.6 107.4
 115 37.0 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion:164 Resp: 241797
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.1 123.1
 160 47.0 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.51 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

Tgt Ion:216 Resp: 238478

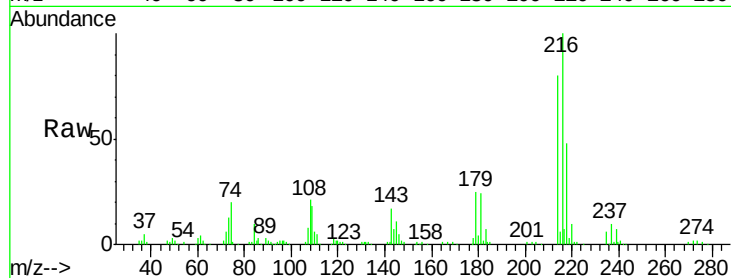
Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 23.9 18.2 27.2

108 24.8 17.3 25.9

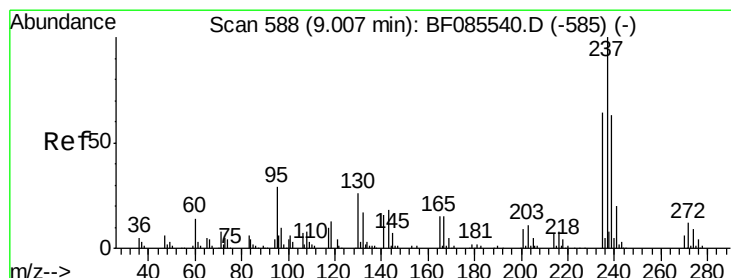
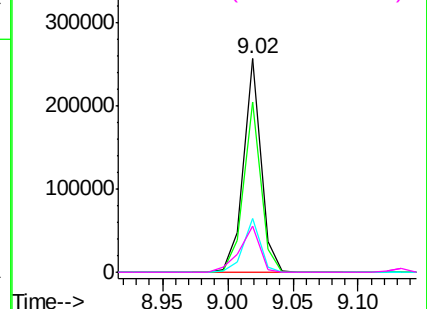
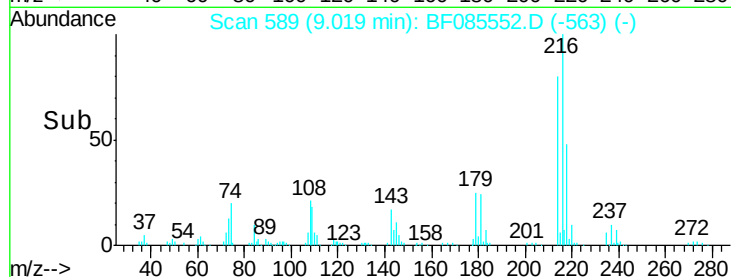


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.01 ng

RT: 9.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

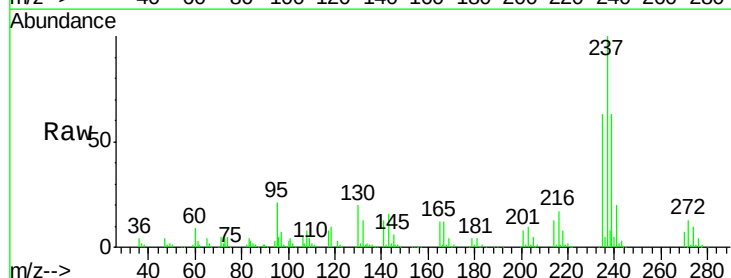
Tgt Ion:237 Resp: 271092

Ion Ratio Lower Upper

237 100

235 63.0 43.7 83.7

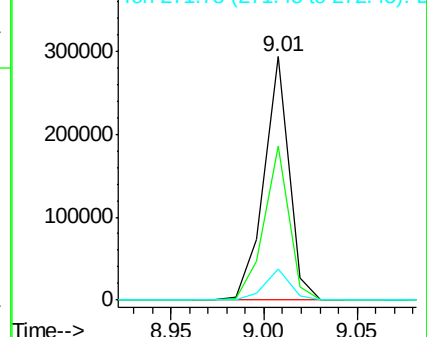
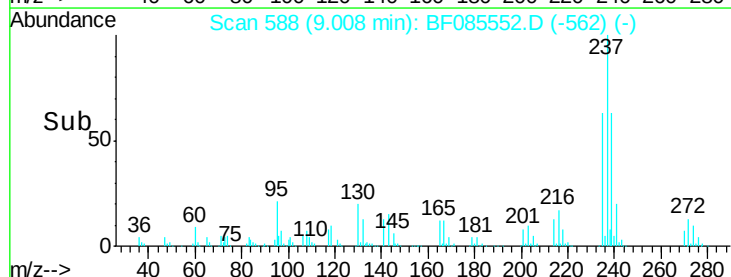
272 12.7 0.0 31.9

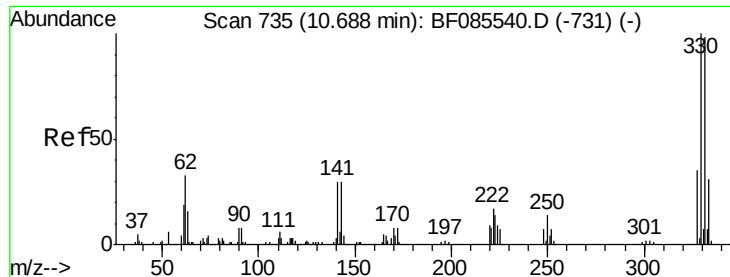


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

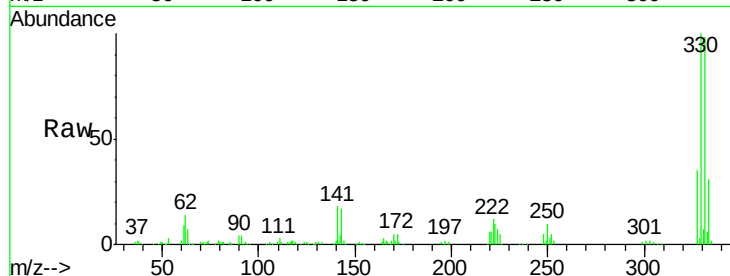




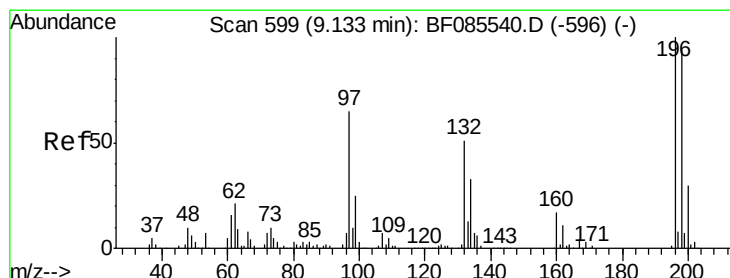
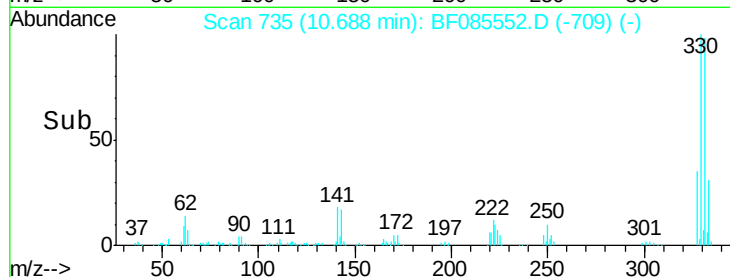
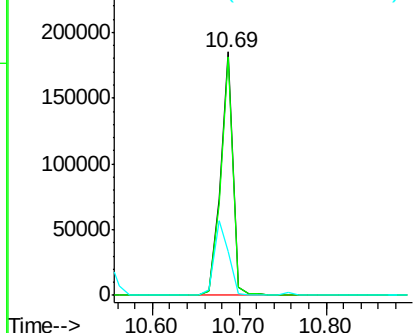
#41
 2,4,6-Tribromophenol
 Concen: 79.17 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

Tgt Ion:330 Resp: 187509
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 35.4 31.5 47.3

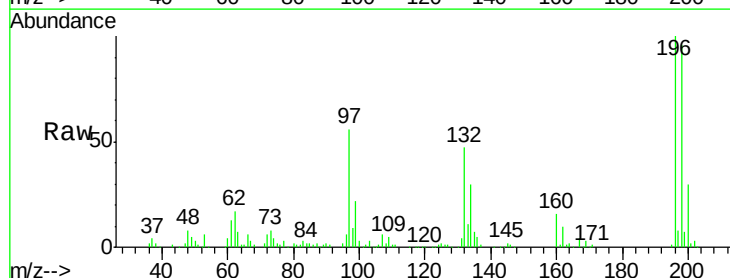


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

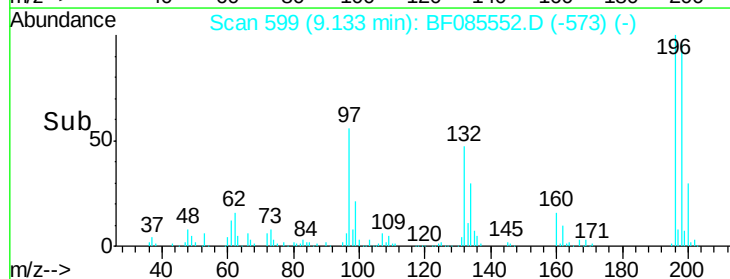
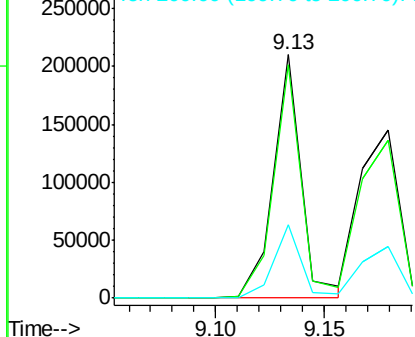


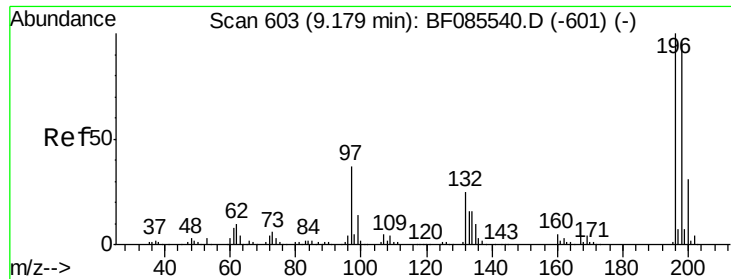
#42
 2,4,6-Trichlorophenol
 Concen: 37.83 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion:196 Resp: 189917
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.3 112.9
 200 30.0 23.7 35.5



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

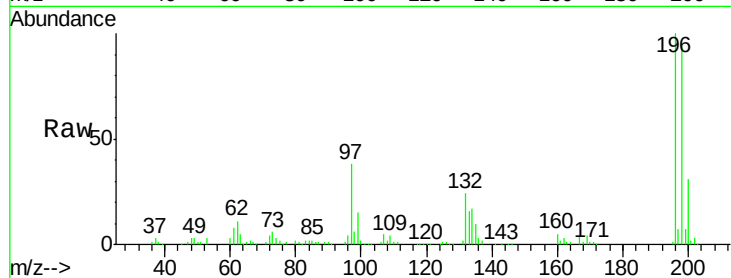




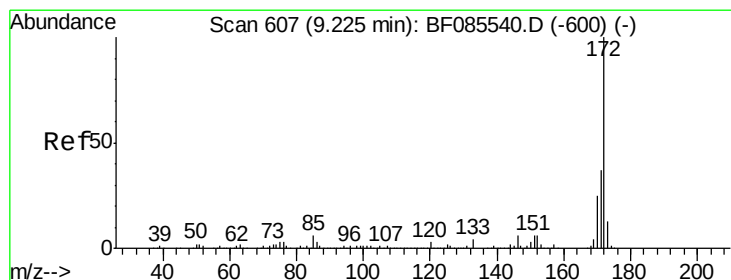
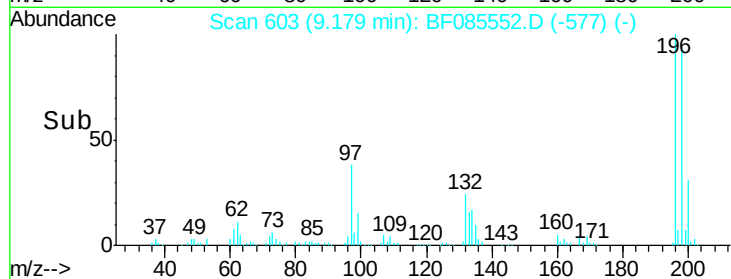
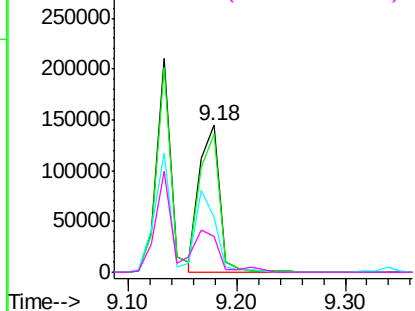
#43
 2,4,5-Trichlorophenol
 Concen: 36.86 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

Tgt Ion:196 Resp: 188352
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.6 114.8
 97 37.7 30.5 45.7
 132 24.4 20.2 30.2

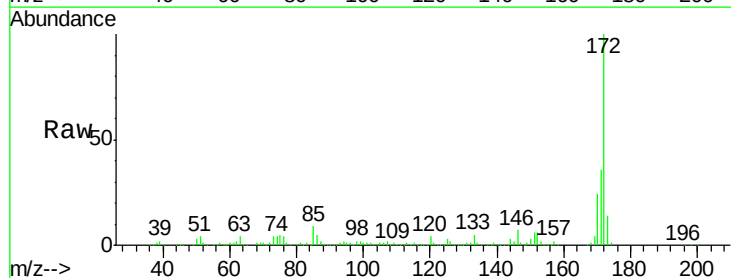


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

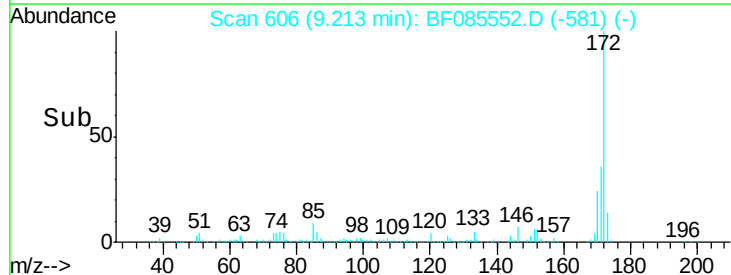
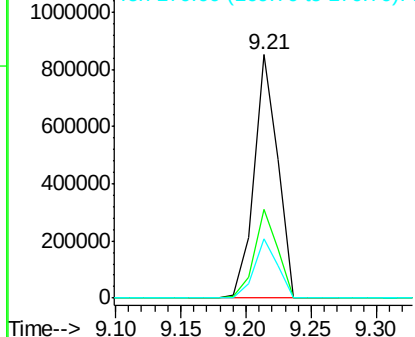


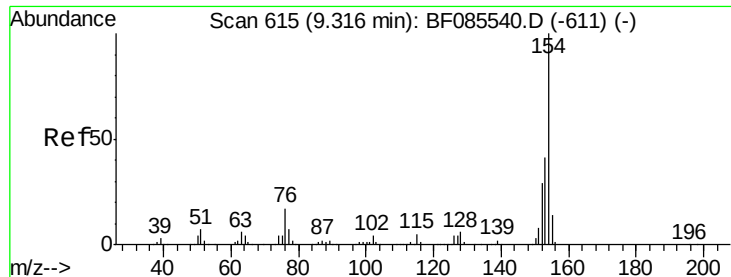
#44
 2-Fluorobiphenyl
 Concen: 73.13 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion:172 Resp: 1073730
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.4 19.8 29.6



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

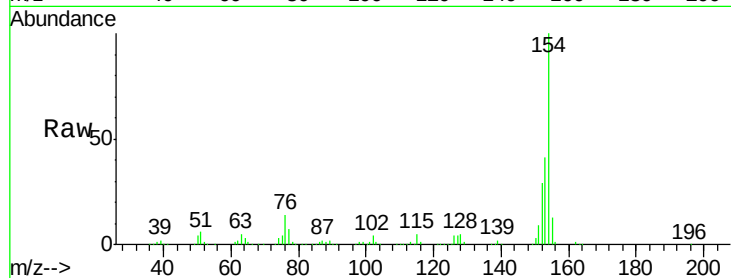




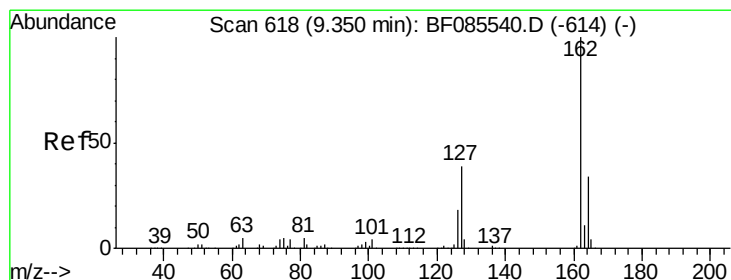
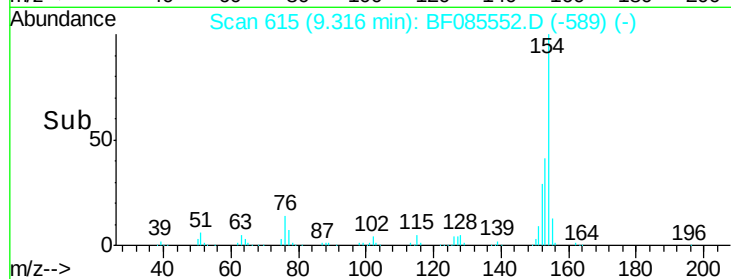
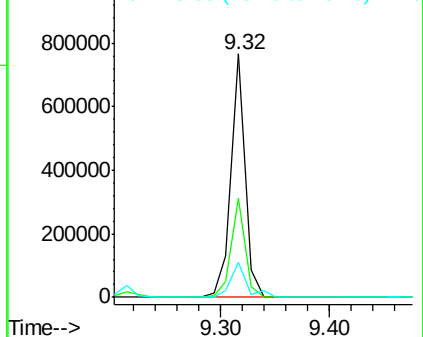
#45
1,1'-Biphenyl
Concen: 32.80 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB88981BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	14.1	0.0	36.7

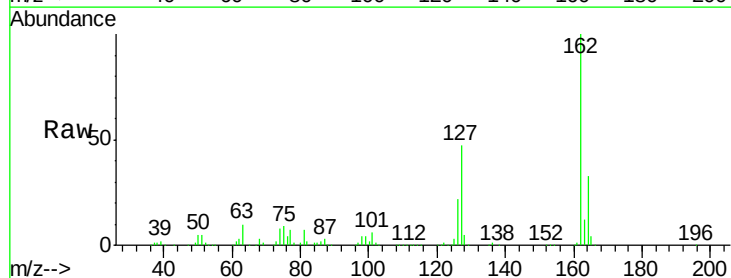


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

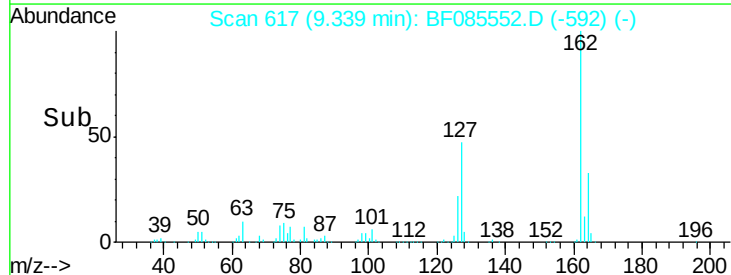
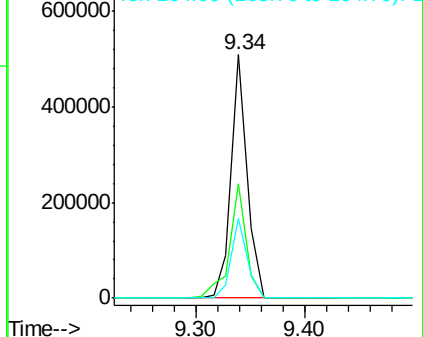


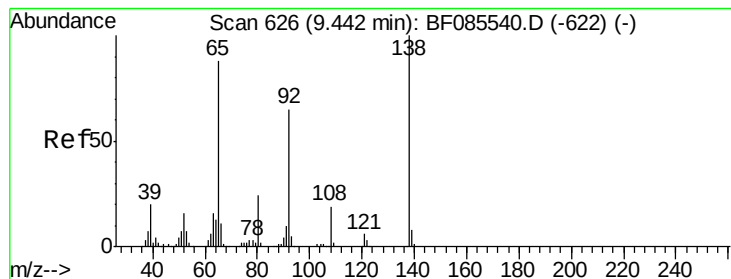
#46
2-Chloronaphthalene
Concen: 34.03 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.9	31.7	47.5
164	32.8	27.3	40.9



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: 36.44 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

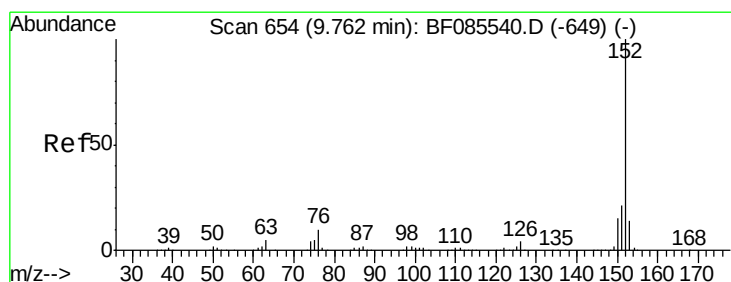
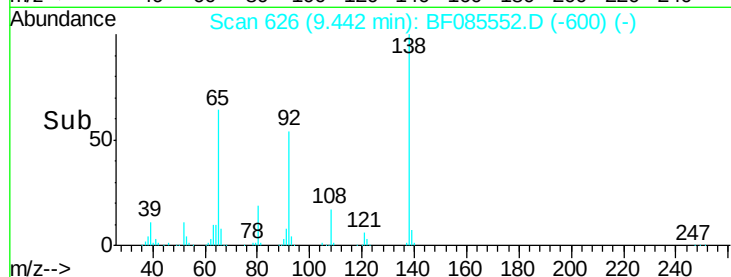
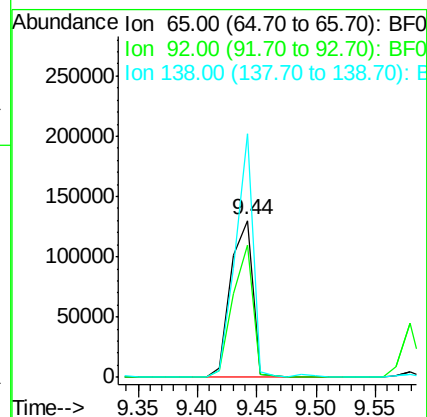
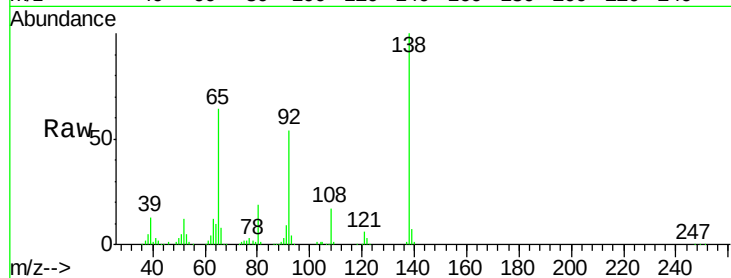
Tgt Ion: 65 Resp: 167967

Ion Ratio Lower Upper

65 100

92 84.3 59.7 89.5

138 155.3 91.4 137.0#



#48

Acenaphthylene

Concen: 35.57 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

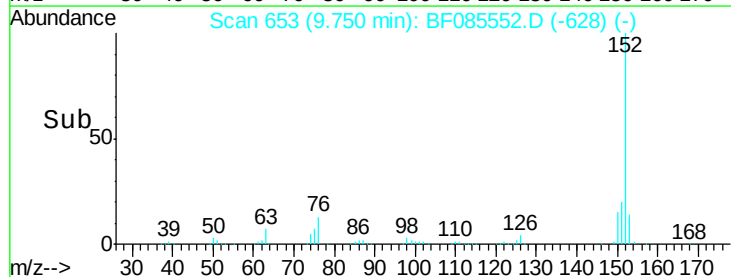
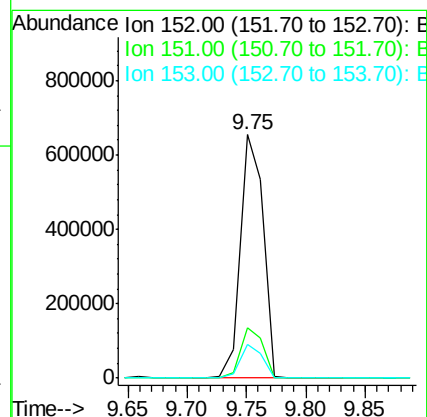
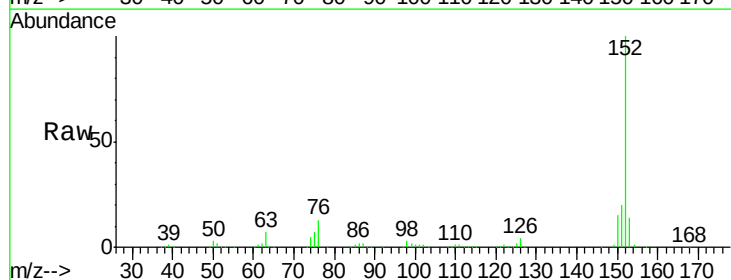
Tgt Ion: 152 Resp: 877061

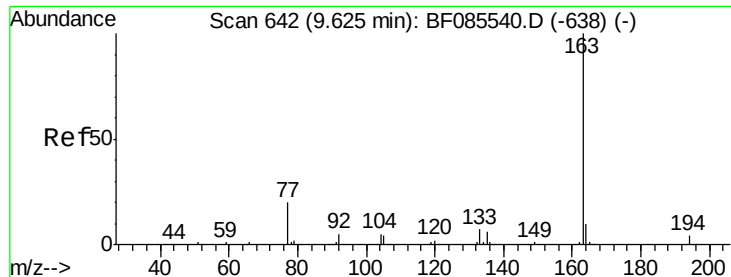
Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 13.8 10.9 16.3

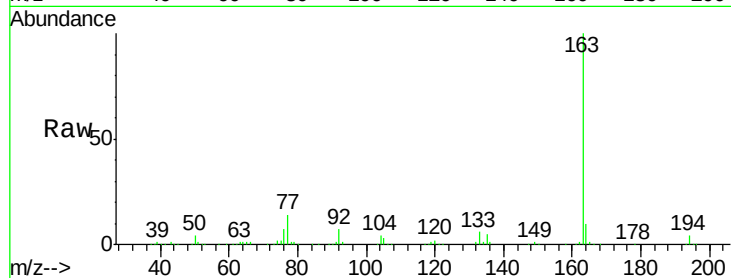




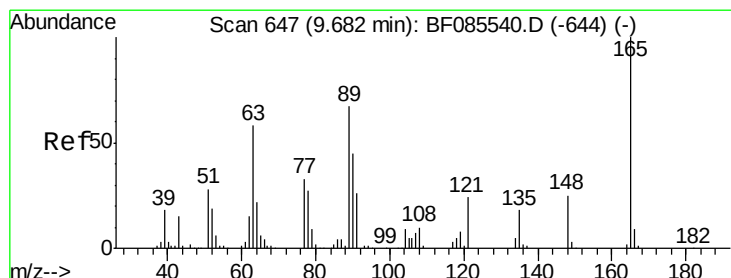
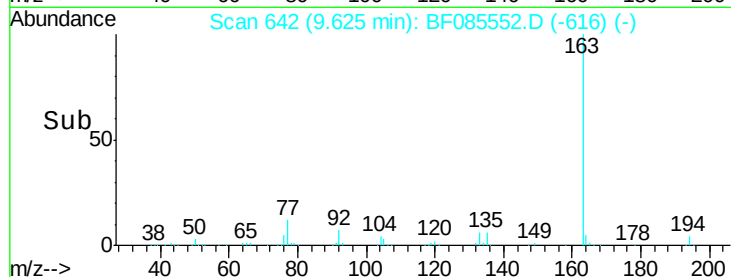
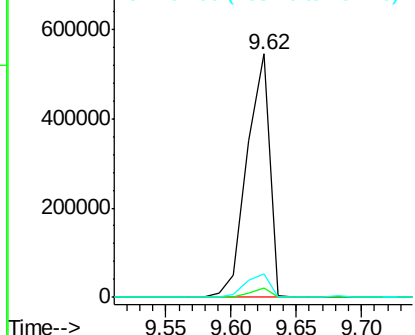
#49
Dimethylphthalate
Concen: 36.10 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB88981BSD

Tgt Ion:163 Resp: 658676
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.7 8.3 12.5

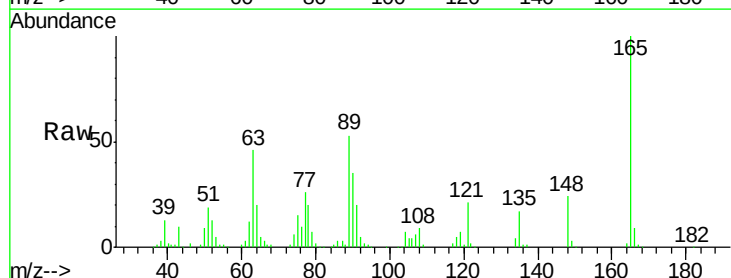


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

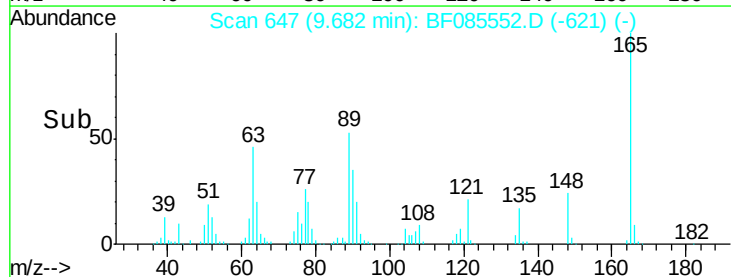
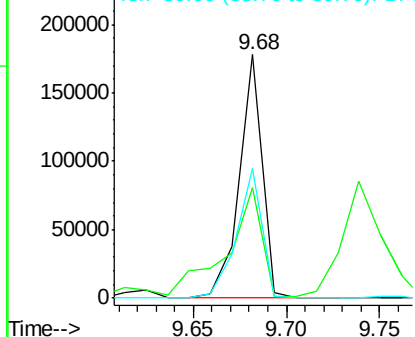


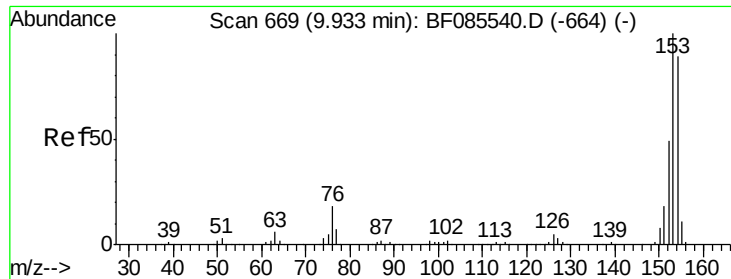
#50
2,6-Dinitrotoluene
Concen: 39.79 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion:165 Resp: 153291
Ion Ratio Lower Upper
165 100
63 45.6 51.8 77.8#
89 53.1 53.7 80.5#



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: 39.65 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

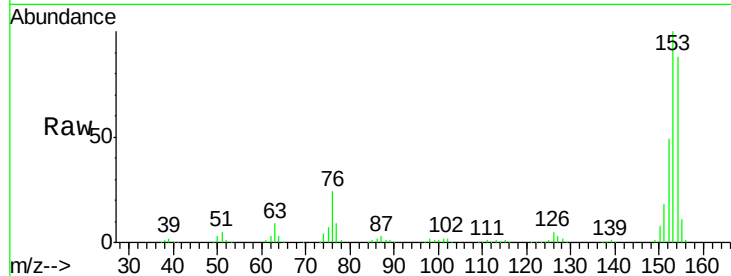
Tgt Ion:154 Resp: 613572

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

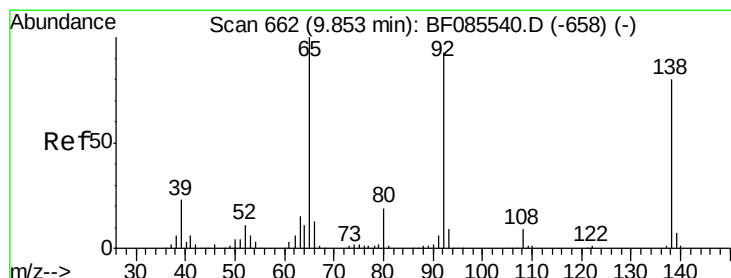
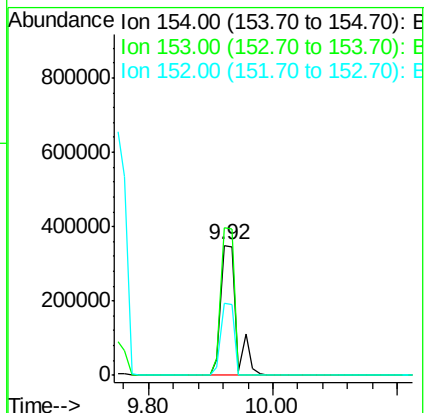
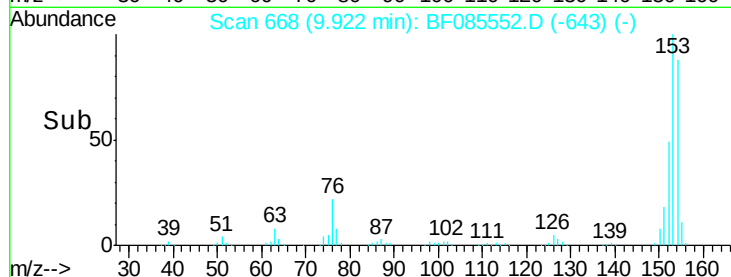
152 55.2 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.05 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

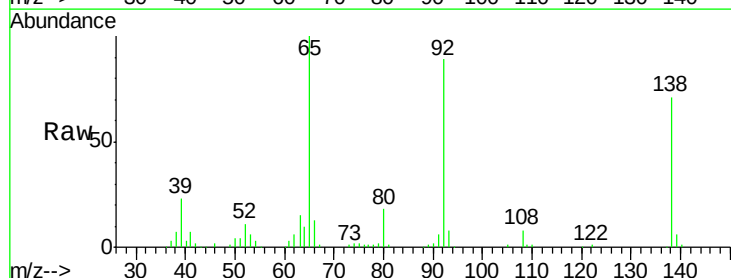
Tgt Ion:138 Resp: 67805

Ion Ratio Lower Upper

138 100

108 11.6 8.7 13.1

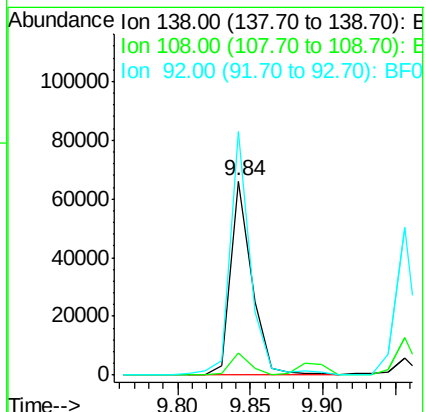
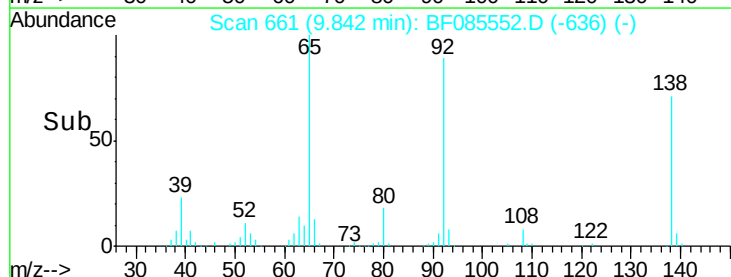
92 125.7 93.3 139.9

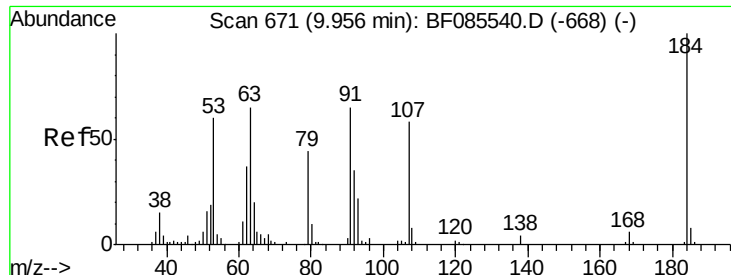


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

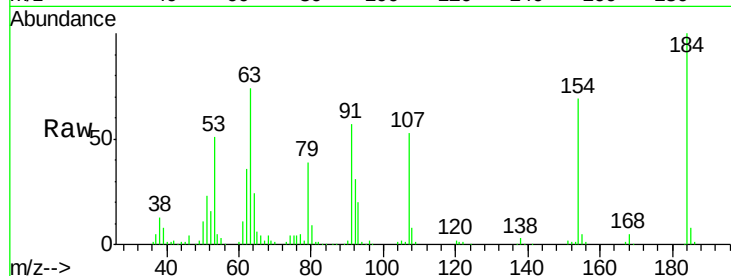




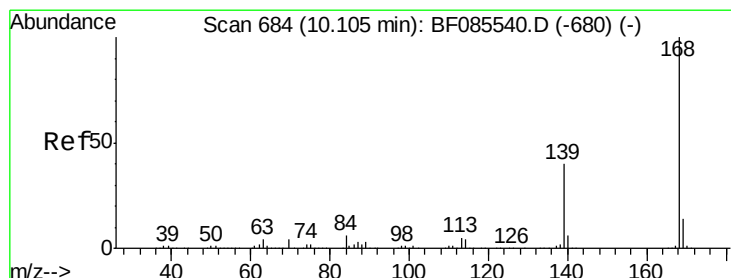
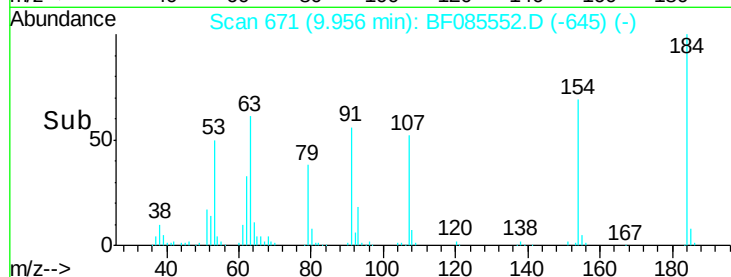
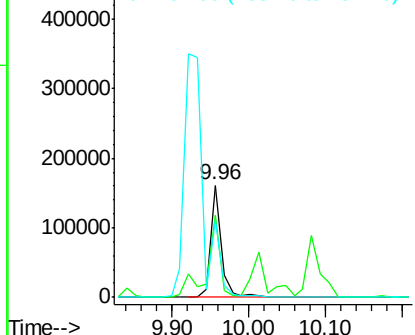
#53
 2,4-Dinitrophenol
 Concen: 65.20 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleID :
 PB88981BSD

Tgt Ion:184 Resp: 153855
 Ion Ratio Lower Upper
 184 100
 63 73.9 69.5 104.3
 154 69.0 58.3 87.5

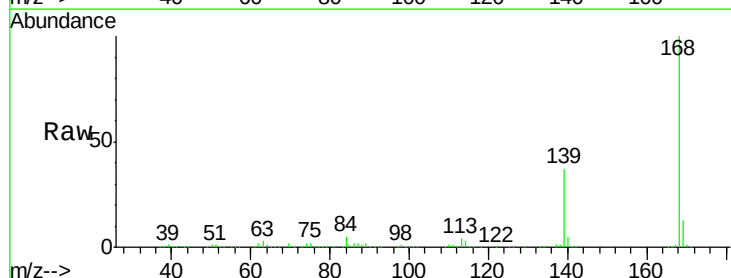


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

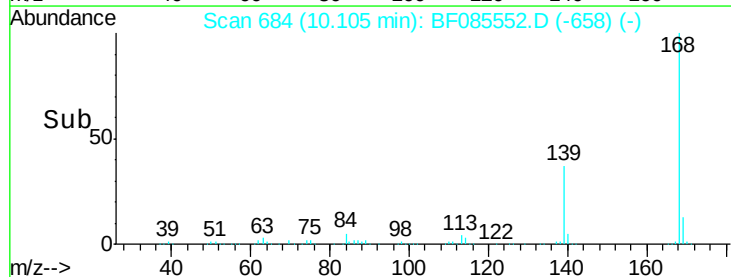
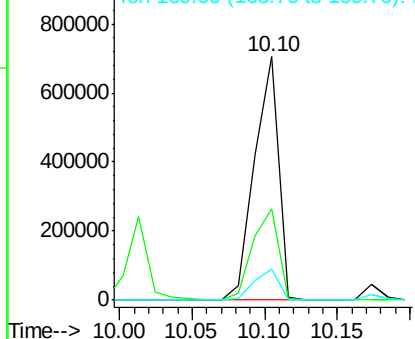


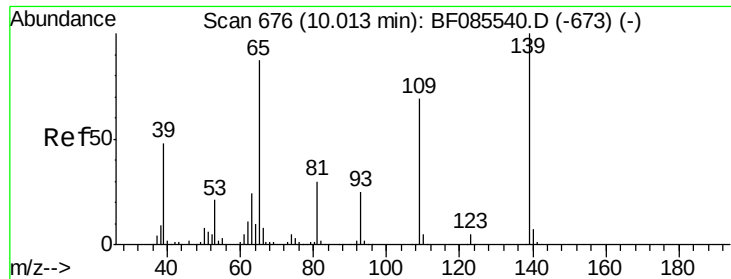
#54
 Dibenzofuran
 Concen: 42.91 ng
 RT: 10.10 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion:168 Resp: 808575
 Ion Ratio Lower Upper
 168 100
 139 37.3 31.9 47.9
 169 12.9 11.0 16.6



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

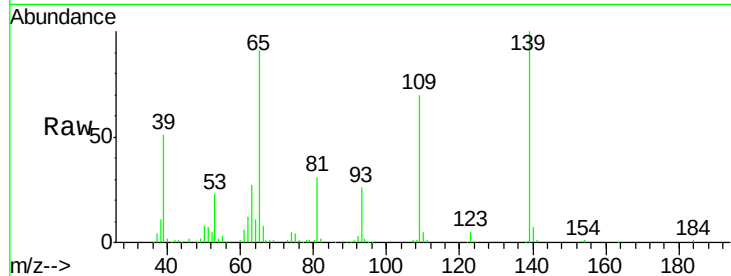




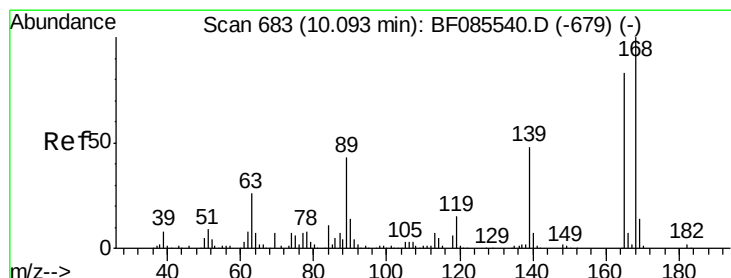
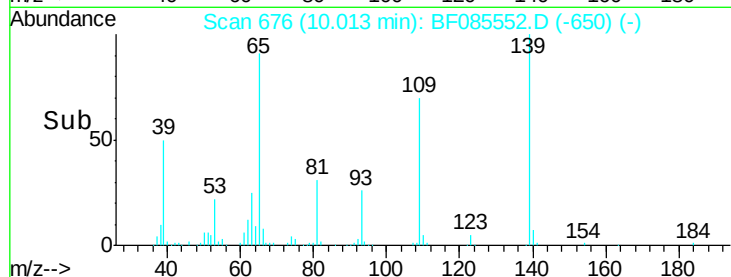
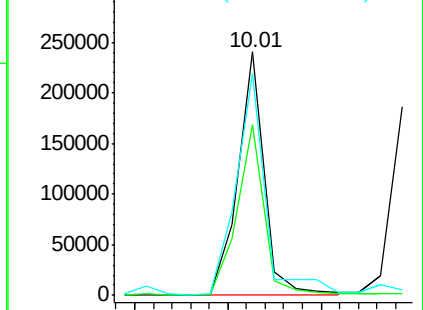
#55
4-Nitrophenol
Concen: 64.26 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB88981BSD

Tgt Ion:139 Resp: 239601
Ion Ratio Lower Upper
139 100
109 70.2 49.2 89.2
65 91.1 66.9 106.9

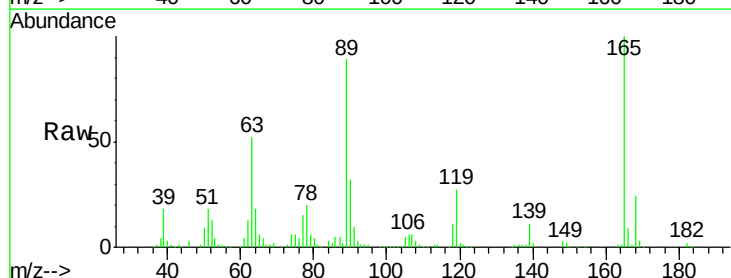


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

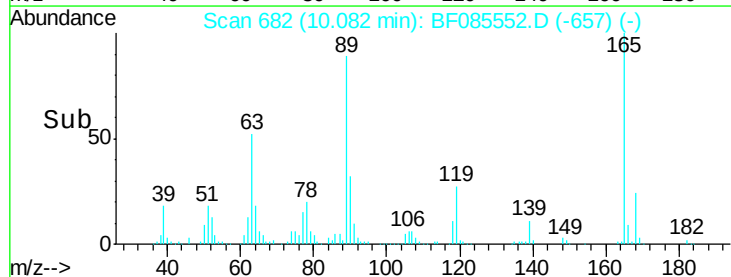
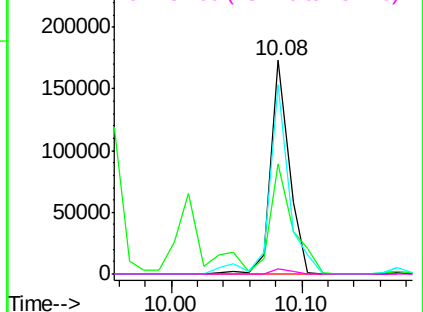


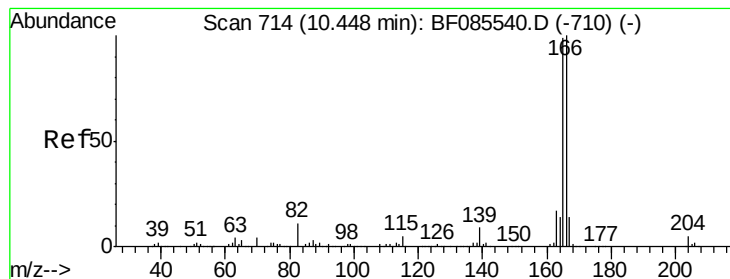
#56
2,4-Dinitrotoluene
Concen: 34.32 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion:165 Resp: 173088
Ion Ratio Lower Upper
165 100
63 51.6 24.9 37.3#
89 88.5 41.0 61.6#
182 2.3 2.1 3.1



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





#57

Fluorene

Concen: 36.72 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

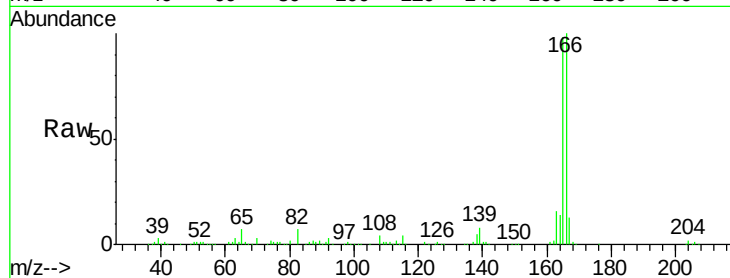
Tgt Ion:166 Resp: 576610

Ion Ratio Lower Upper

166 100

165 98.4 79.4 119.0

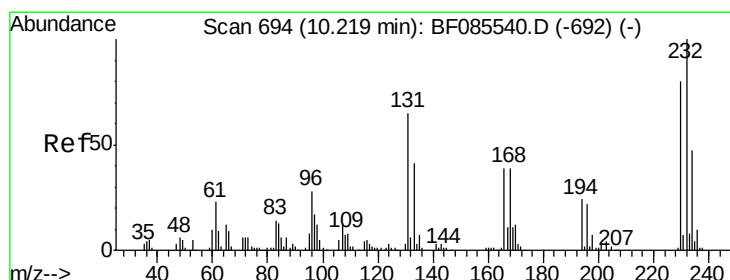
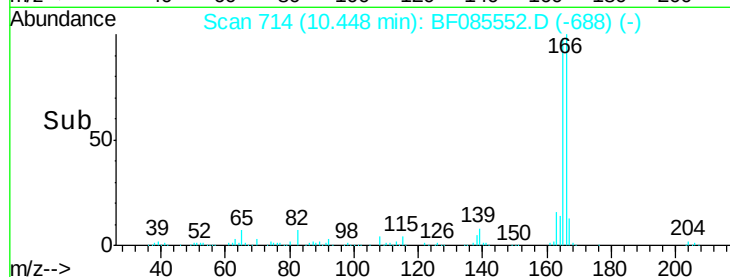
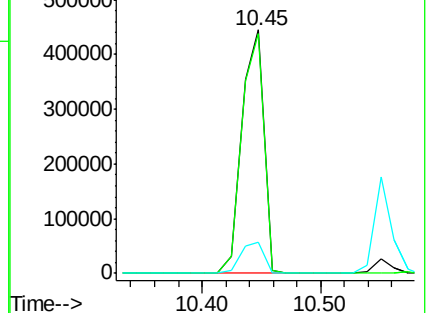
167 12.6 11.0 16.4



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: 42.13 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Tgt Ion:232 Resp: 154985

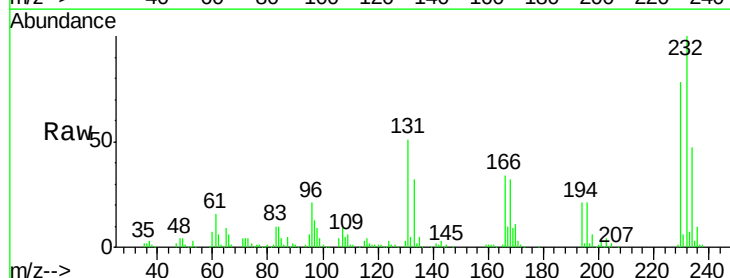
Ion Ratio Lower Upper

232 100

131 53.4 44.9 67.3

130 2.7 2.3 3.5

166 33.5 28.1 42.1

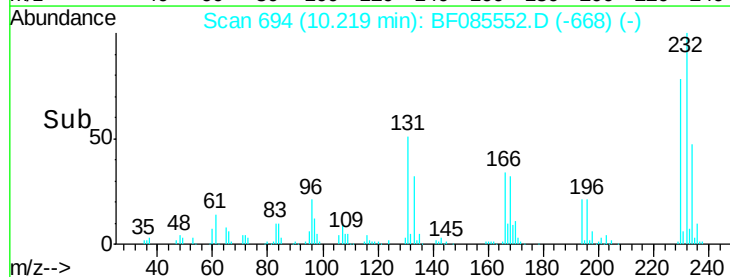
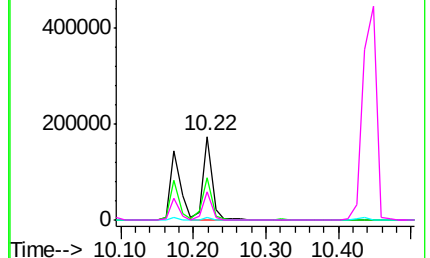


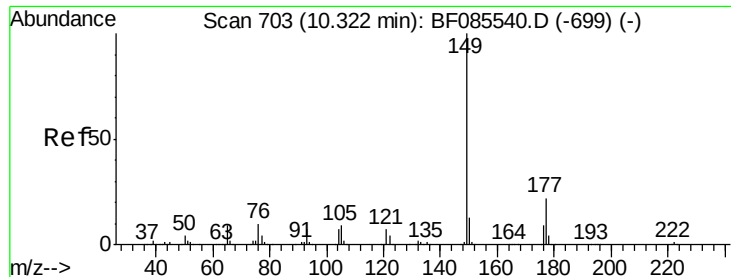
Abundance Ion 232.00 (231.70 to 232.70): E

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

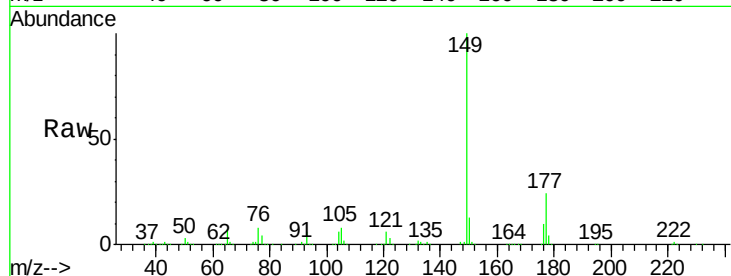




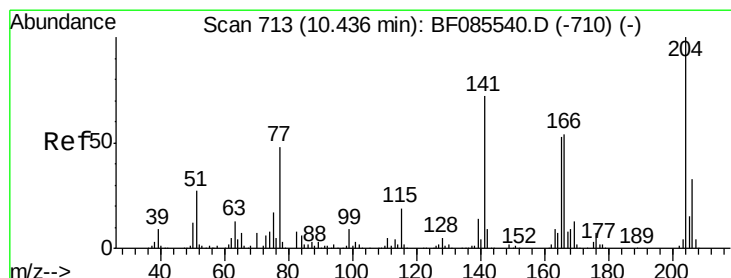
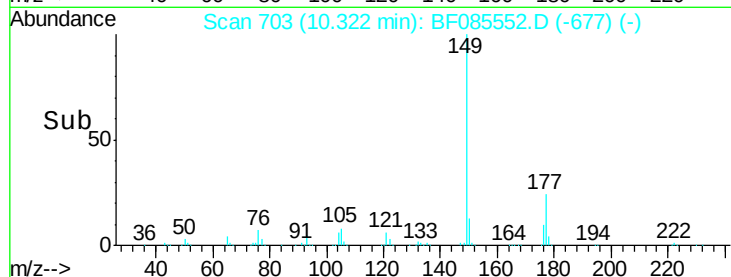
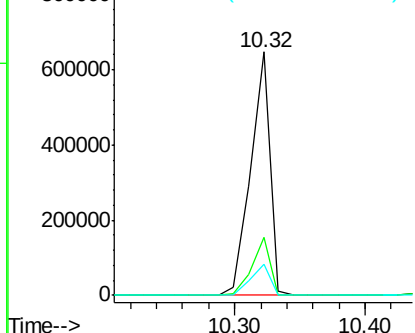
#59
Diethylphthalate
Concen: 36.73 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB88981BSD

Tgt Ion:149 Resp: 666288
Ion Ratio Lower Upper
149 100
177 23.7 17.9 26.9
150 12.6 10.2 15.2

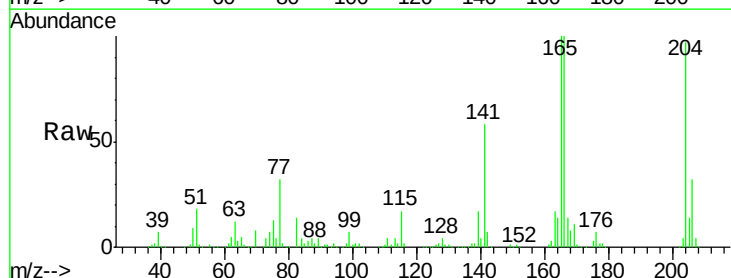


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

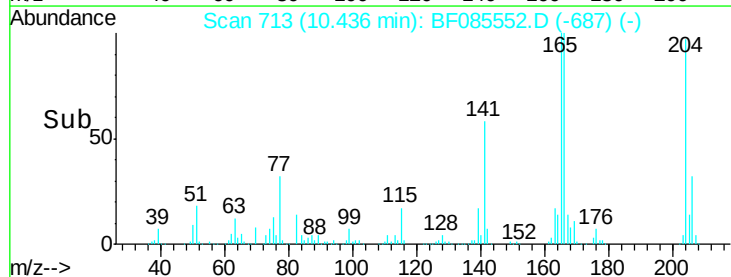
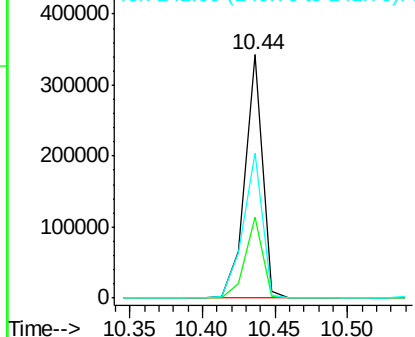


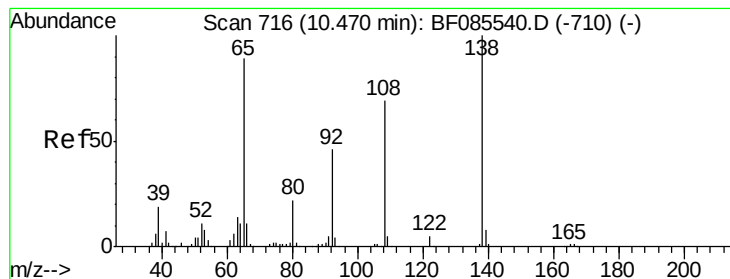
#60
4-Chlorophenyl-phenylether
Concen: 37.67 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion:204 Resp: 288869
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 59.6 57.4 86.0



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: 30.43 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

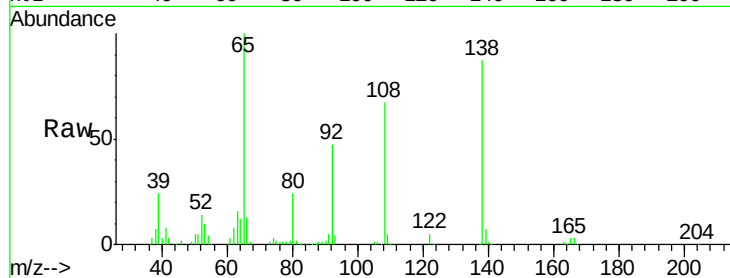
Tgt Ion:138 Resp: 144689

Ion Ratio Lower Upper

138 100

92 54.0 26.4 66.4

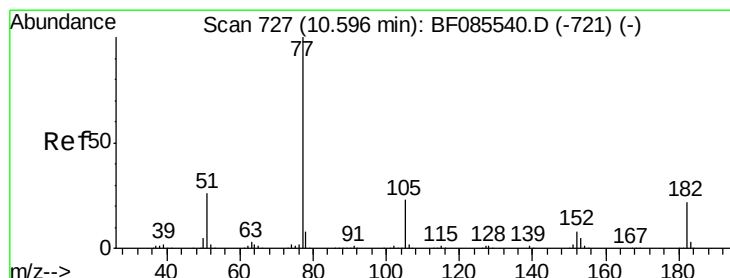
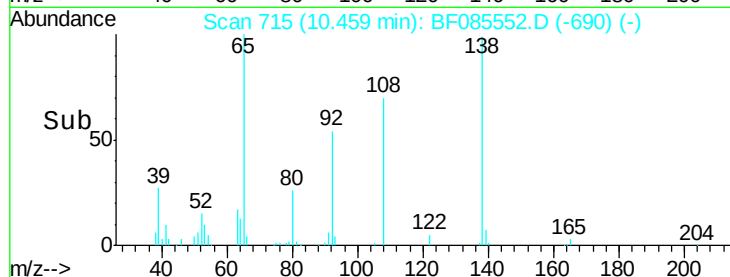
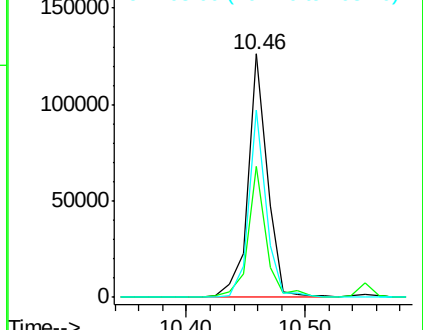
108 76.7 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.62 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Tgt Ion: 77 Resp: 707120

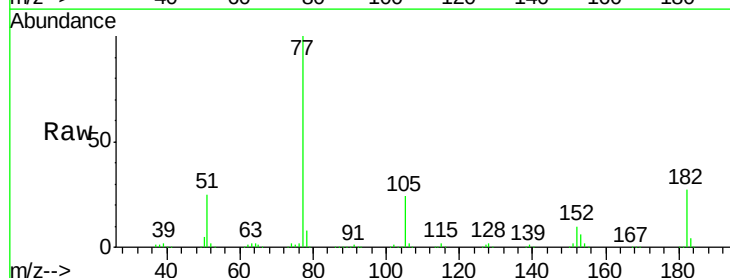
Ion Ratio Lower Upper

77 100

182 27.0 1.9 41.9

105 24.5 3.5 43.5

51 25.1 6.3 46.3

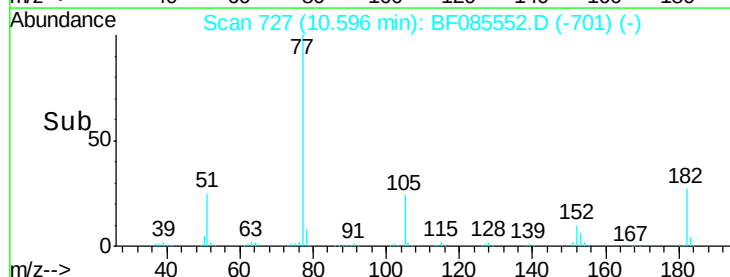
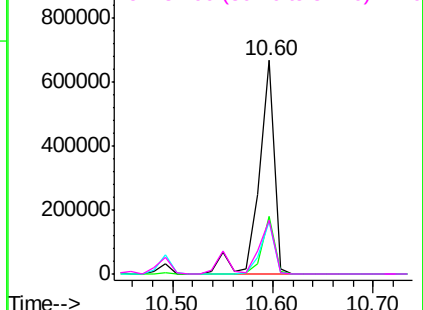


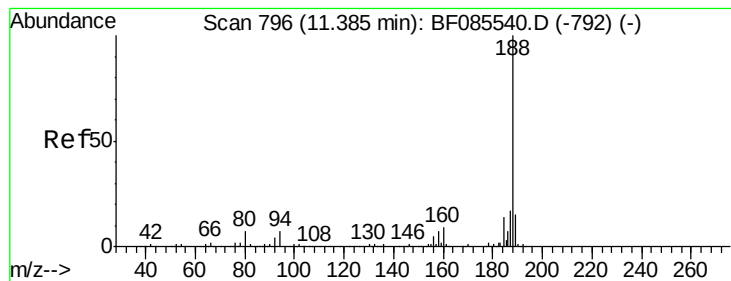
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

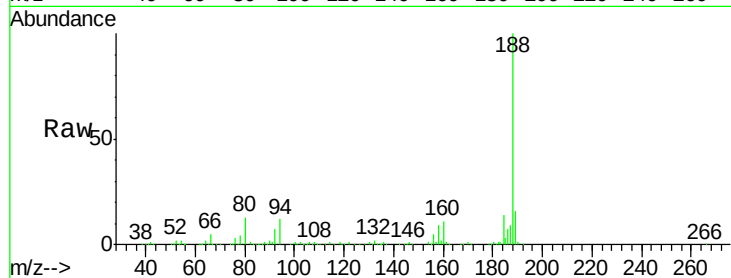
Tgt Ion:188 Resp: 443843

Ion Ratio Lower Upper

188 100

94 12.3 5.4 8.0#

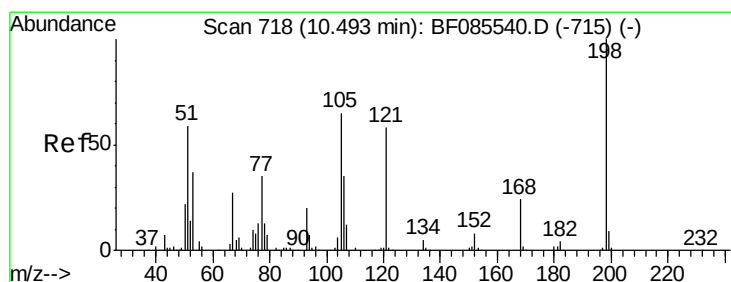
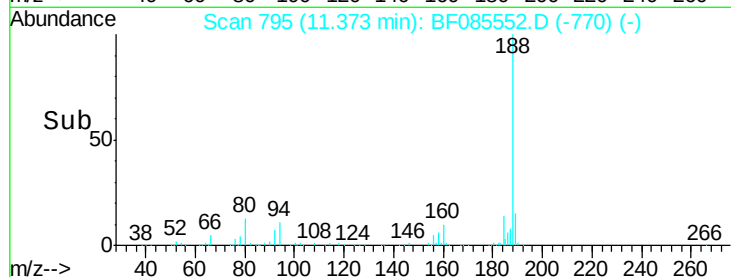
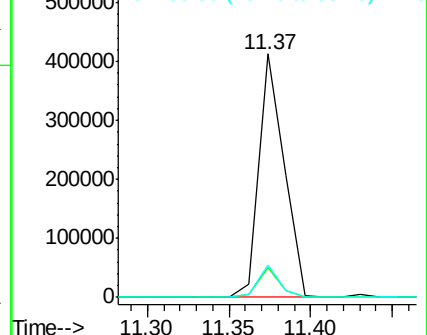
80 13.4 5.5 8.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.40 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

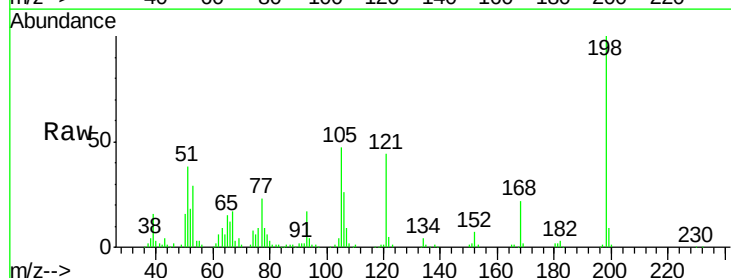
Tgt Ion:198 Resp: 109072

Ion Ratio Lower Upper

198 100

51 38.2 45.4 85.4#

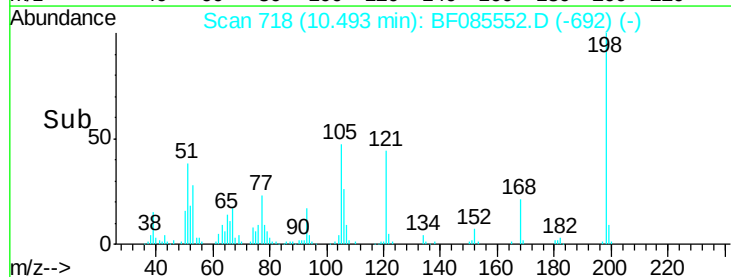
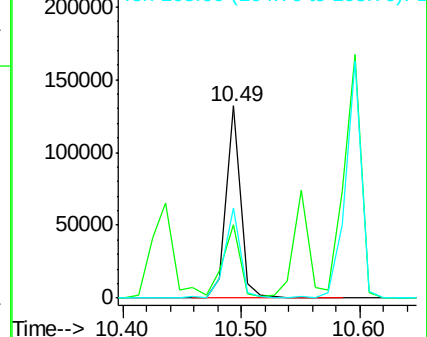
105 46.8 45.9 85.9

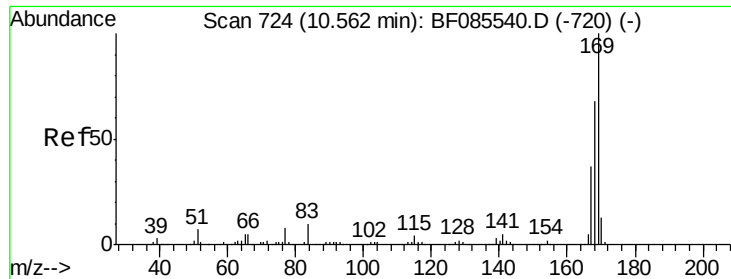


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.84 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

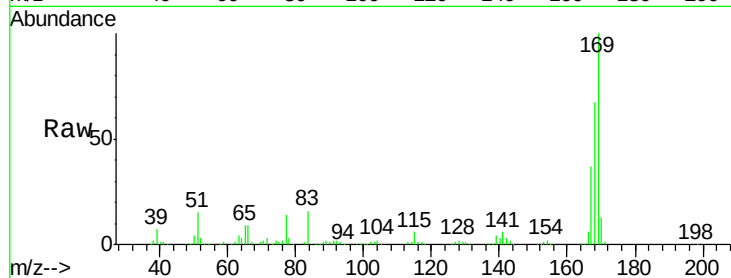
Tgt Ion:169 Resp: 481707

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

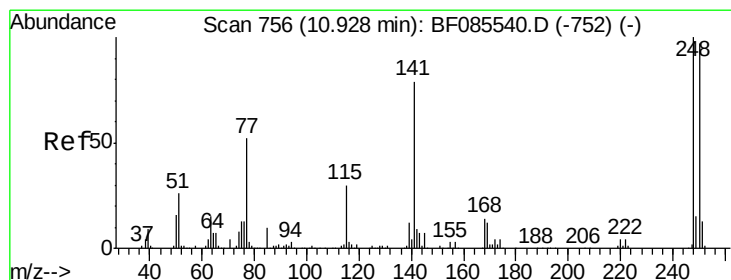
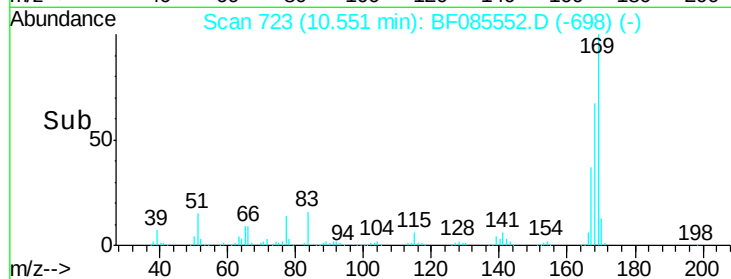
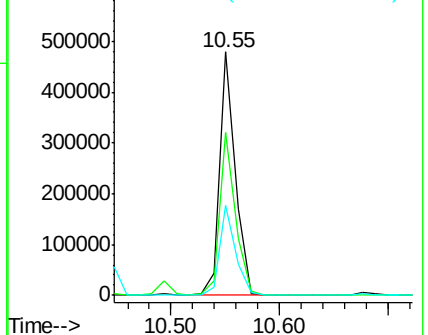
167 36.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.27 ng

RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

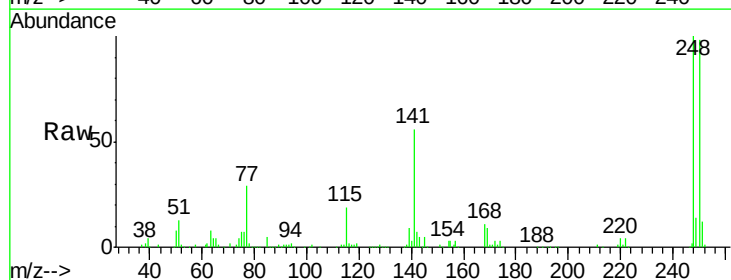
Tgt Ion:248 Resp: 169678

Ion Ratio Lower Upper

248 100

250 97.9 77.4 116.0

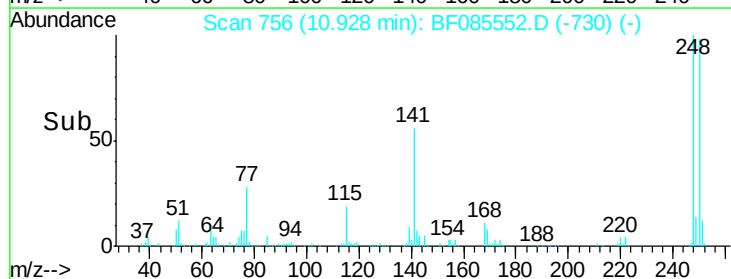
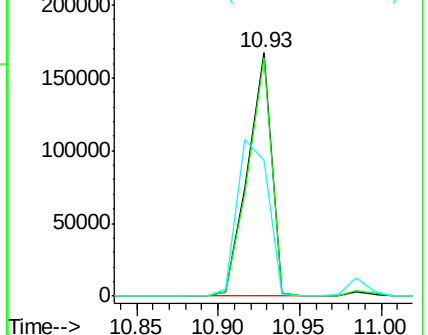
141 55.7 63.6 95.4#

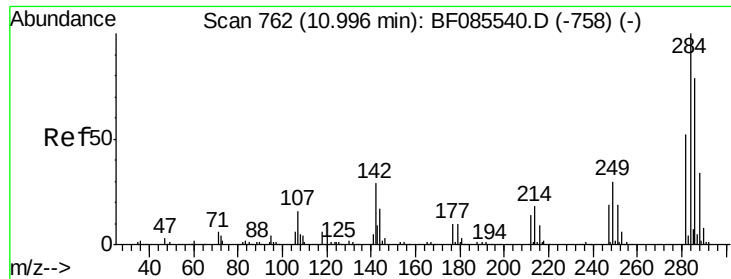


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.51 ng

RT: 10.98 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

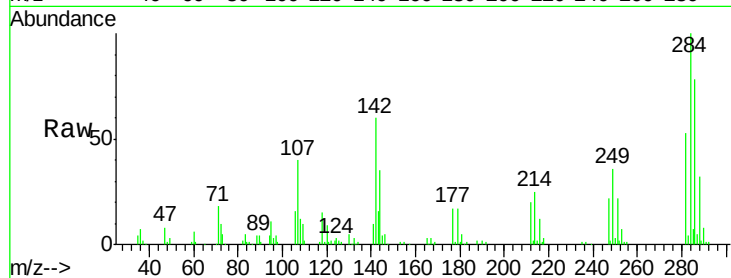
Tgt Ion:284 Resp: 171961

Ion Ratio Lower Upper

284 100

142 59.9 23.1 34.7#

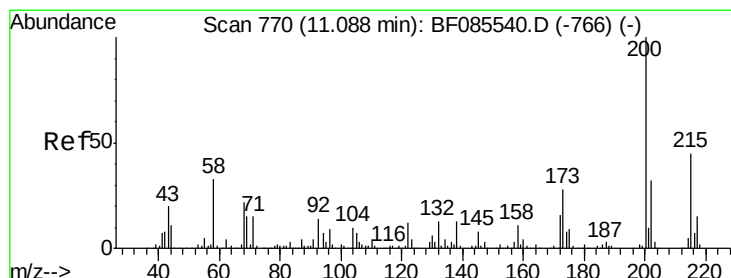
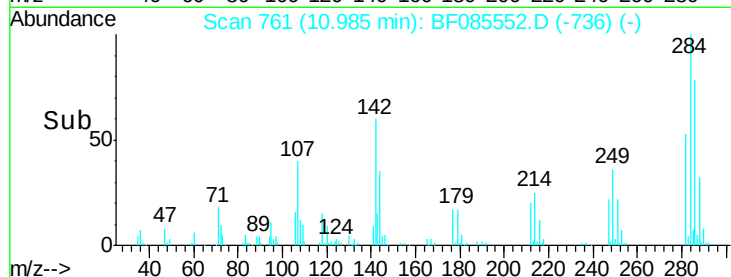
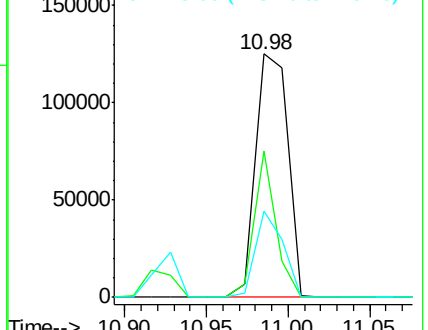
249 35.5 24.2 36.2



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: 41.15 ng

RT: 11.09 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

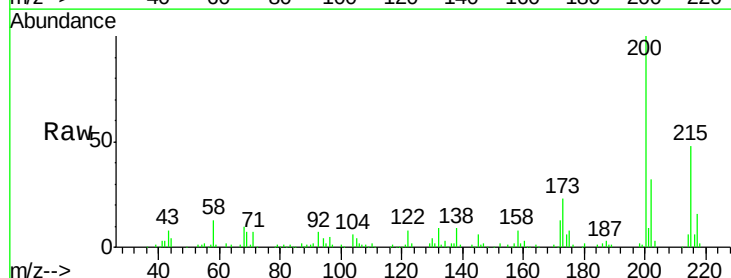
Tgt Ion:200 Resp: 173226

Ion Ratio Lower Upper

200 100

173 22.5 7.7 47.7

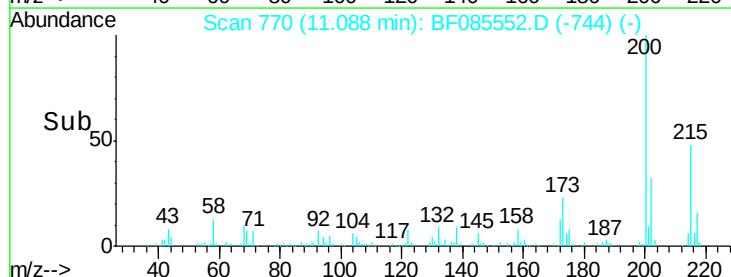
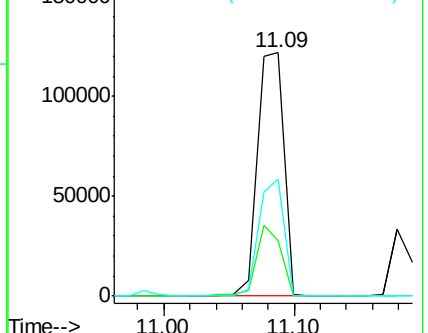
215 48.1 25.4 65.4

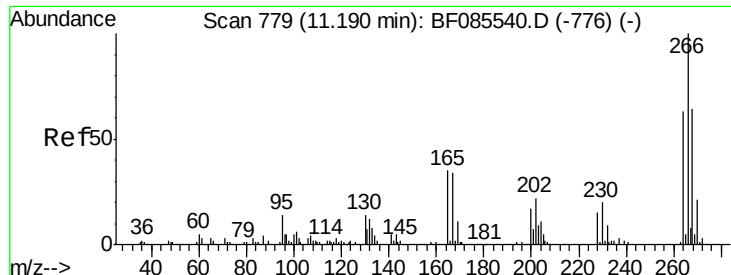


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

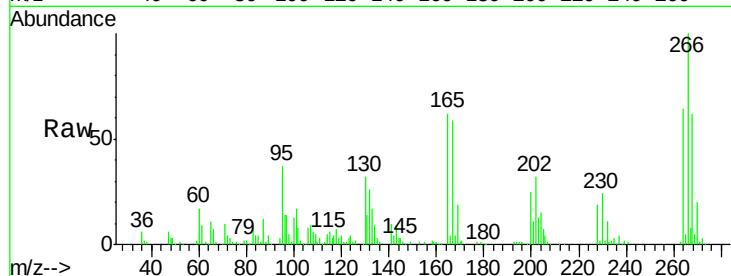




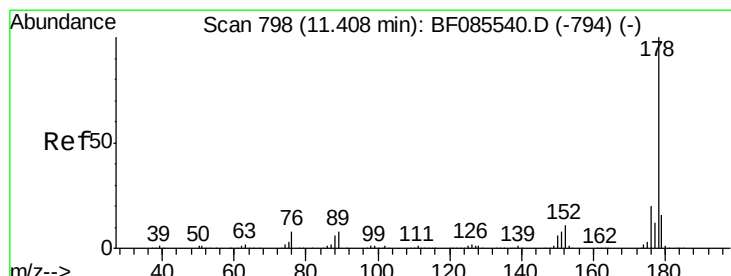
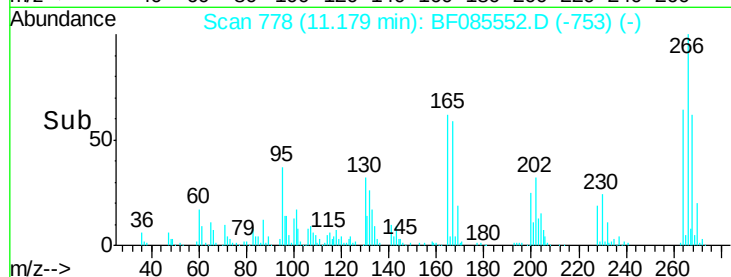
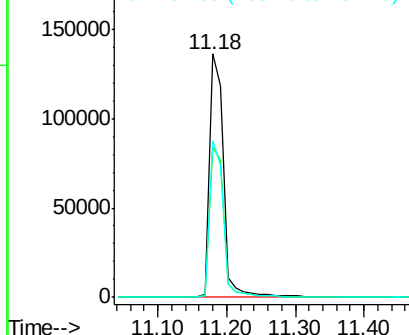
#69
 Pentachlorophenol
 Concen: 68.76 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

Tgt Ion: 266 Resp: 196638
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.5 77.3
 264 64.2 50.6 76.0

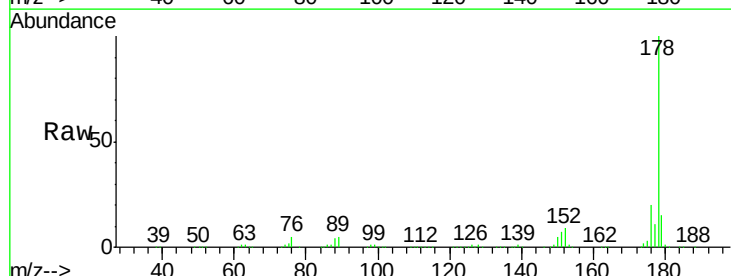


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

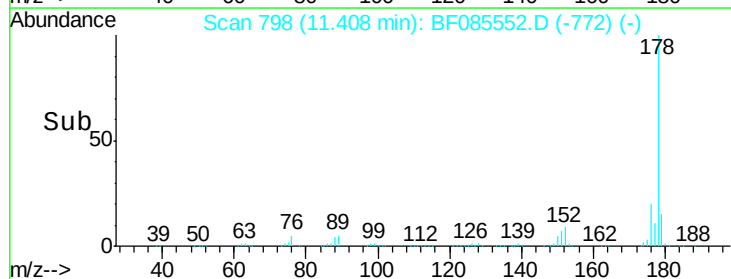
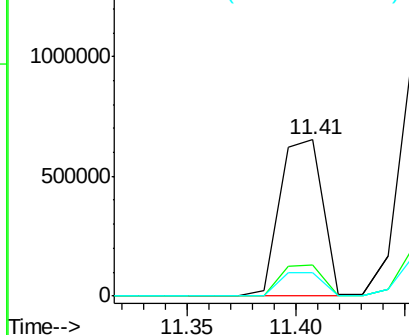


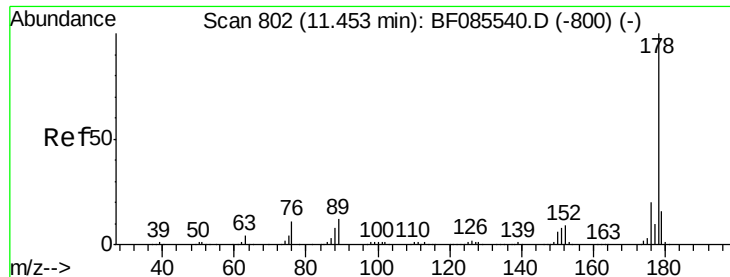
#70
 Phenanthrene
 Concen: 38.16 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion: 178 Resp: 893116
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.3 24.5
 179 15.4 12.6 18.8



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





#71

Anthracene

Concen: 36.22 ng

RT: 11.45 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

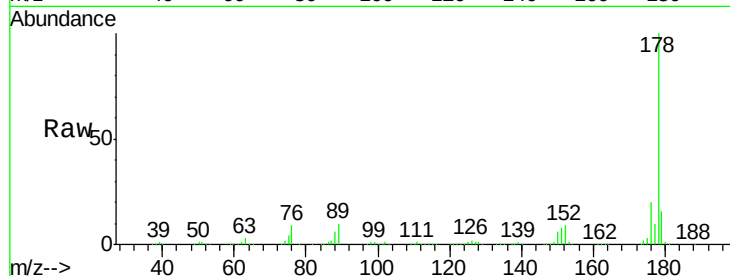
Tgt Ion:178 Resp: 888742

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

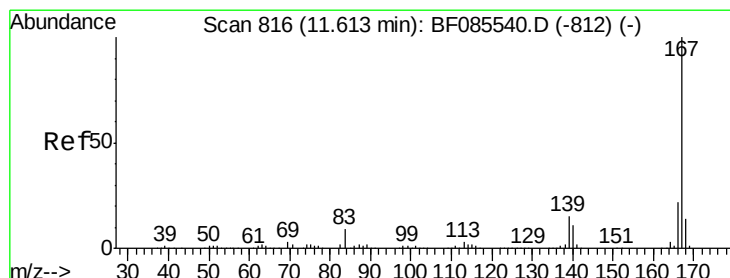
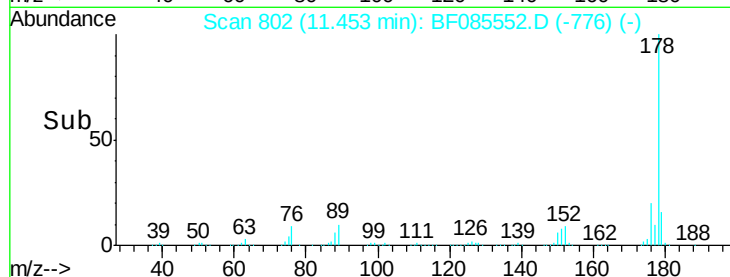
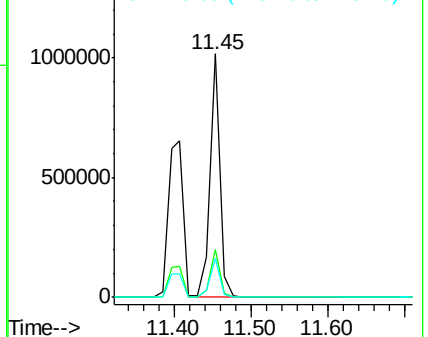
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.98 ng

RT: 11.61 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

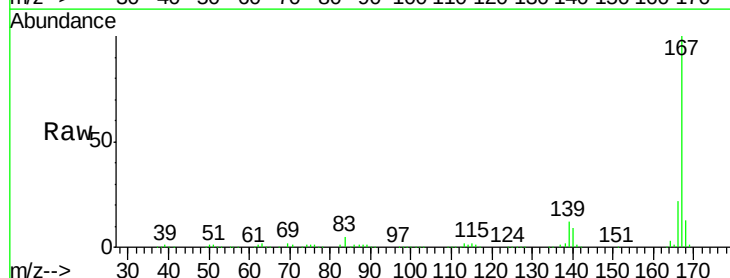
Tgt Ion:167 Resp: 825126

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.8

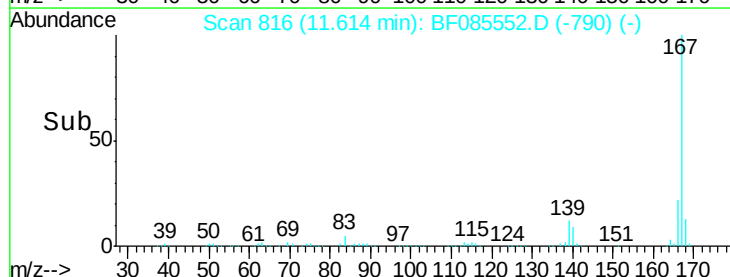
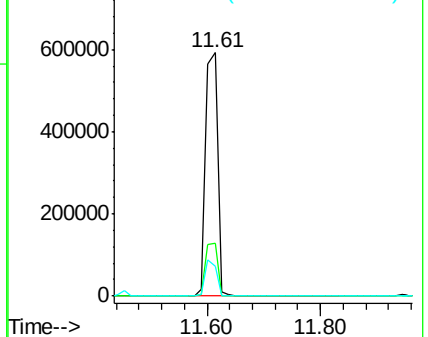
139 12.2 11.6 17.4

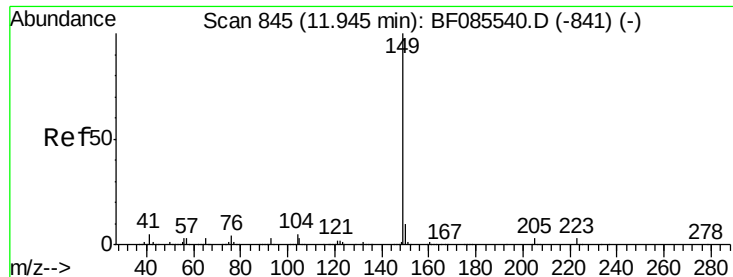


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.79 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

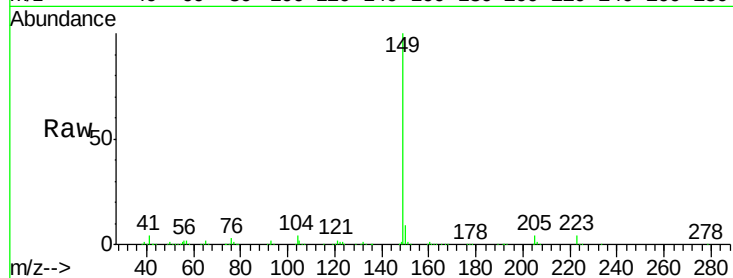
Tgt Ion:149 Resp: 1001868

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

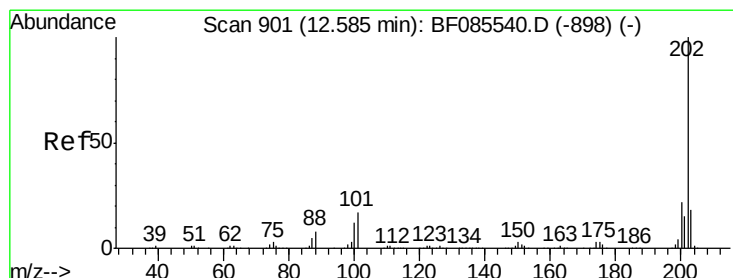
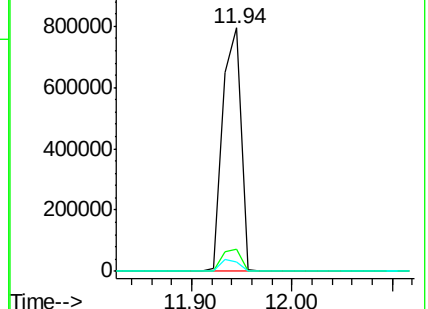
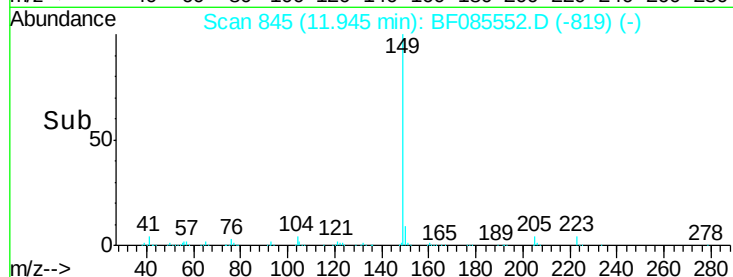
104 4.0 3.8 5.8



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: 34.54 ng

RT: 12.59 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

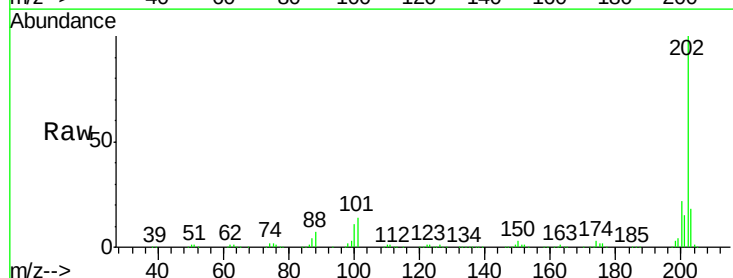
Tgt Ion:202 Resp: 846281

Ion Ratio Lower Upper

202 100

101 14.4 0.0 36.6

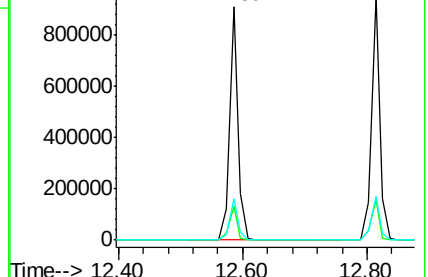
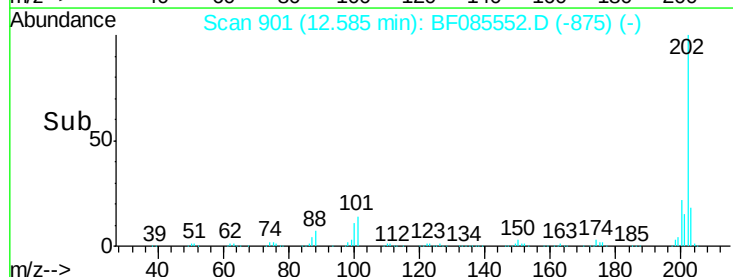
203 17.8 0.0 38.1

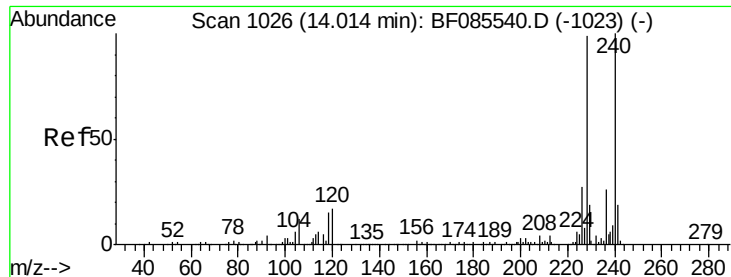


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

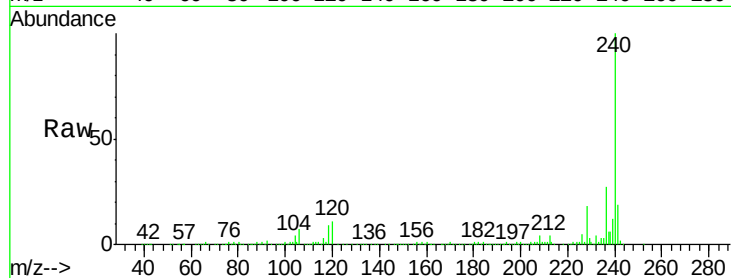
Tgt Ion:240 Resp: 391736

Ion Ratio Lower Upper

240 100

120 10.7 13.8 20.8#

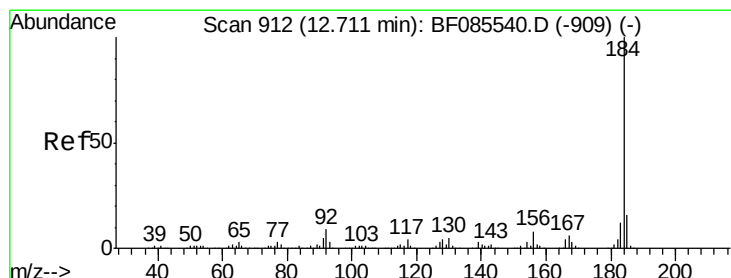
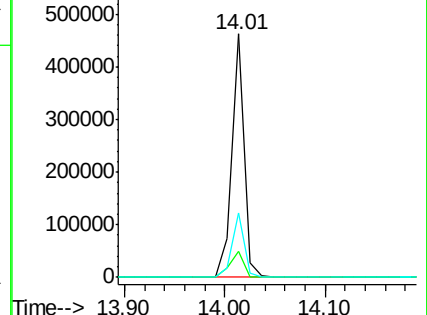
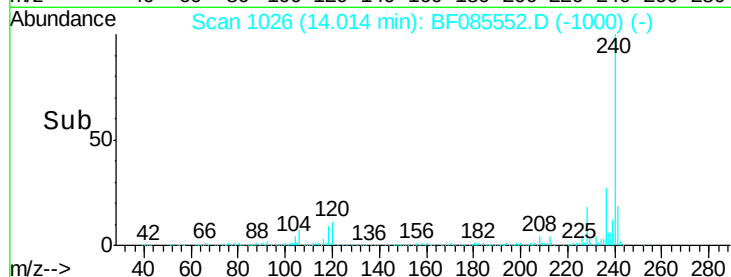
236 26.5 20.6 30.8



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: 17.92 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

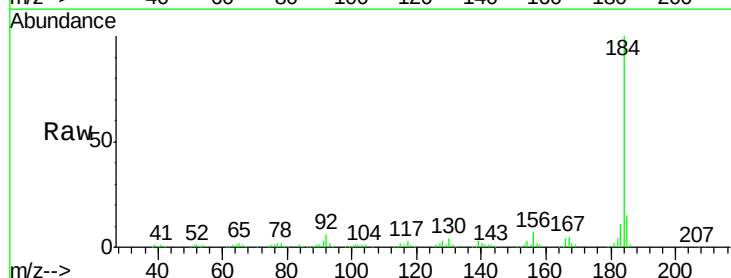
Tgt Ion:184 Resp: 236096

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

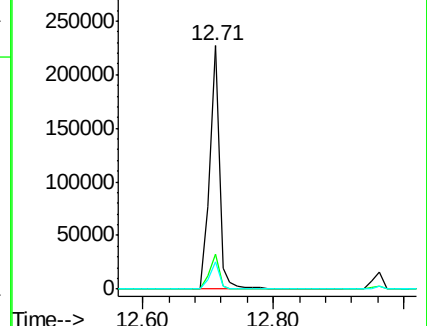
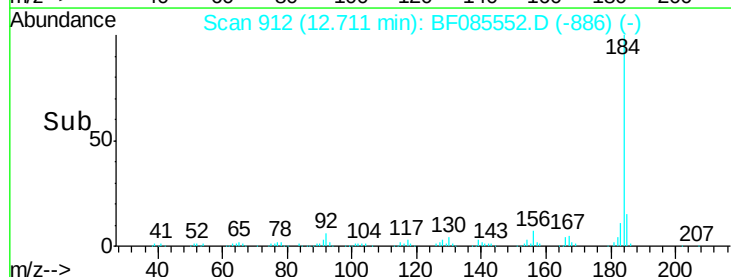
183 11.2 9.4 14.2

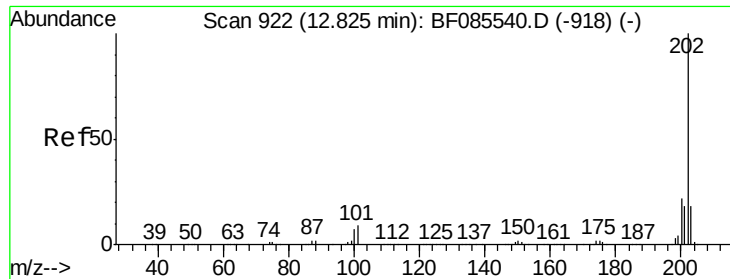


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

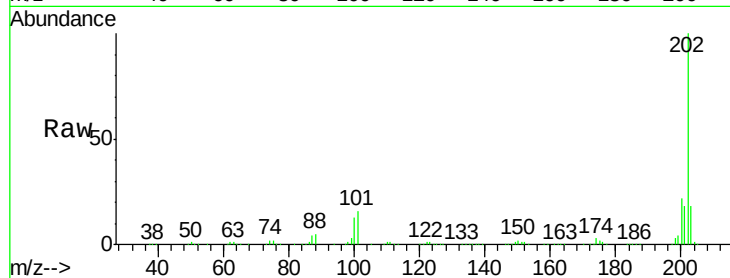




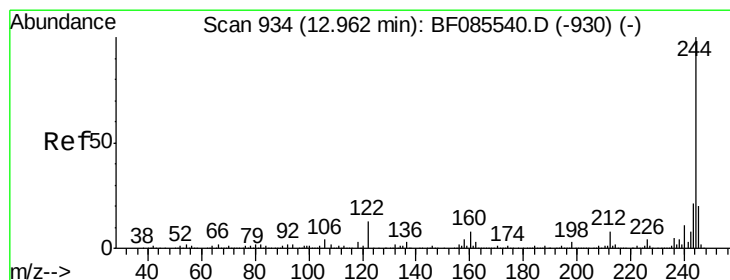
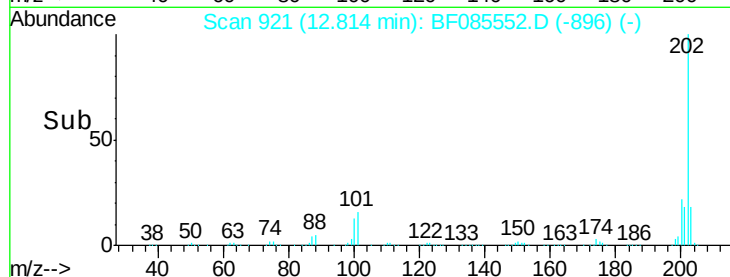
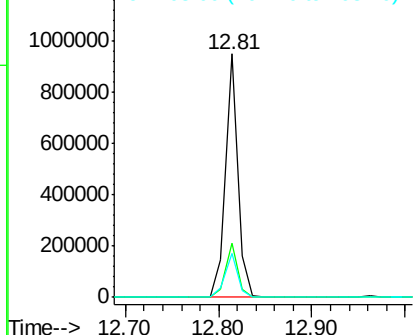
#77
Pyrene
 Concen: 31.07 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

Tgt Ion:202 Resp: 873779
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.6 26.4
 203 18.0 14.0 21.0

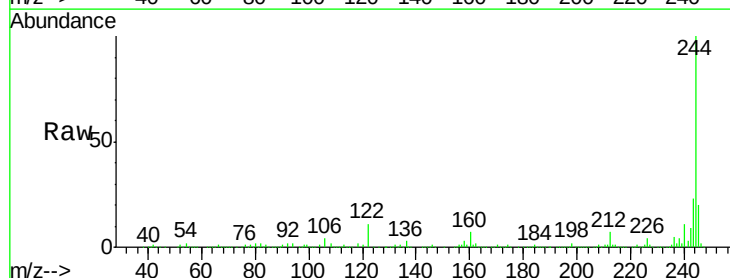


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

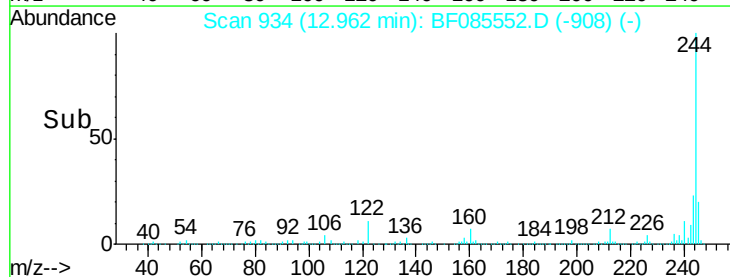
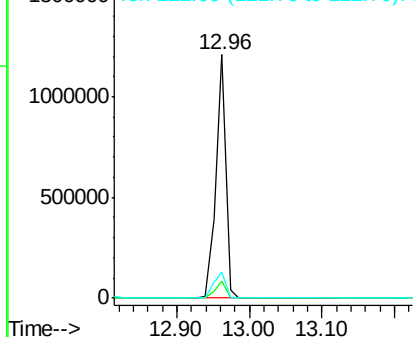


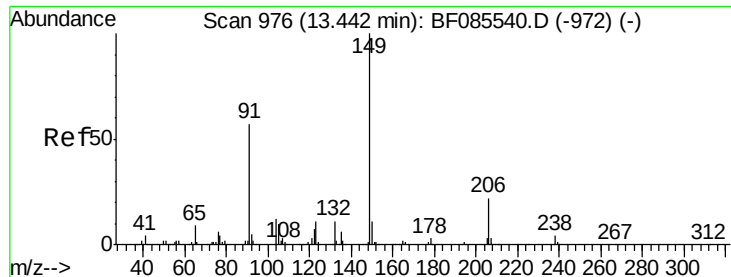
#78
Terphenyl-d14
 Concen: 69.79 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion:244 Resp: 1136183
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.6 10.2 15.4



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





#79

Butylbenzylphthalate

Concen: 30.69 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampled :

PB88981BSD

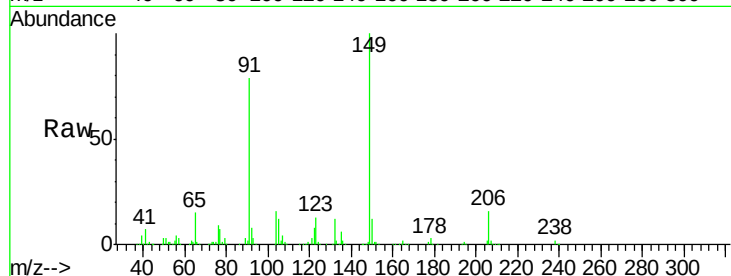
Tgt Ion:149 Resp: 411516

Ion Ratio Lower Upper

149 100

91 79.3 45.8 68.8#

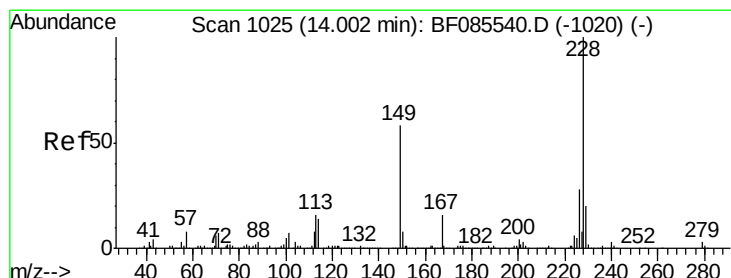
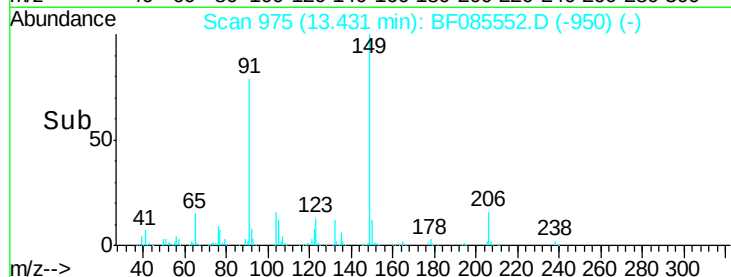
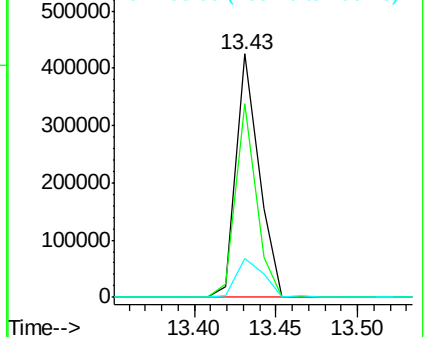
206 15.8 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.16 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

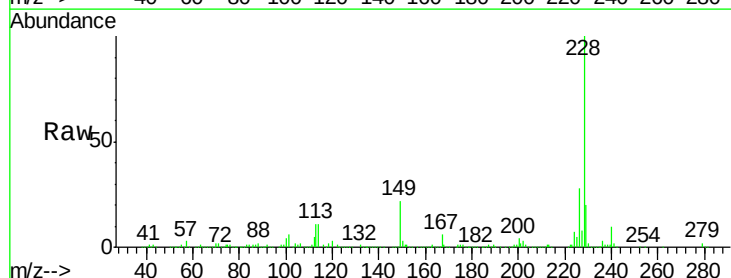
Tgt Ion:228 Resp: 799565

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

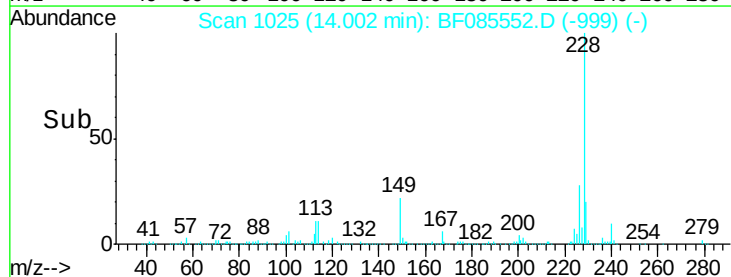
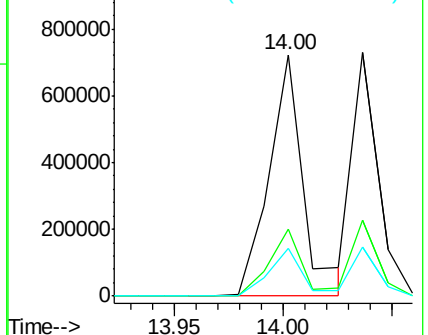
229 20.0 16.2 24.4

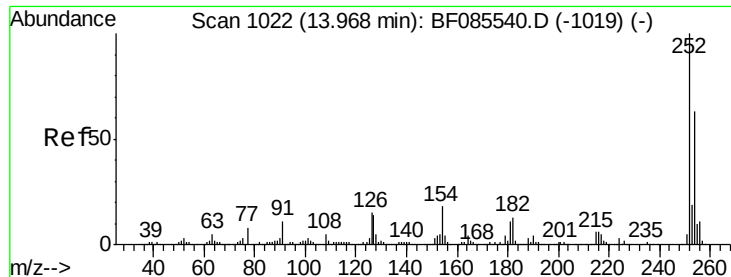


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

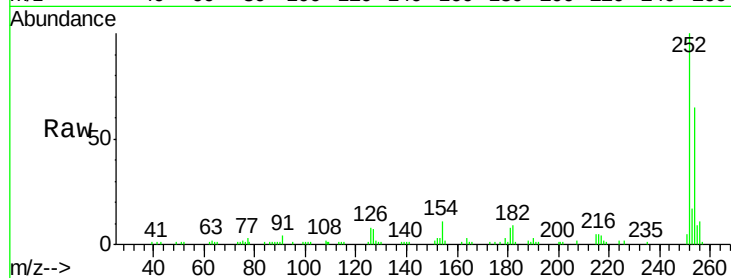




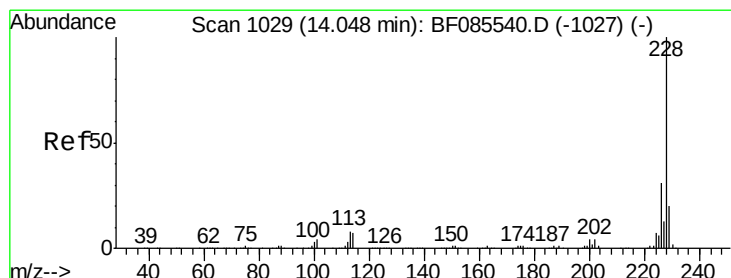
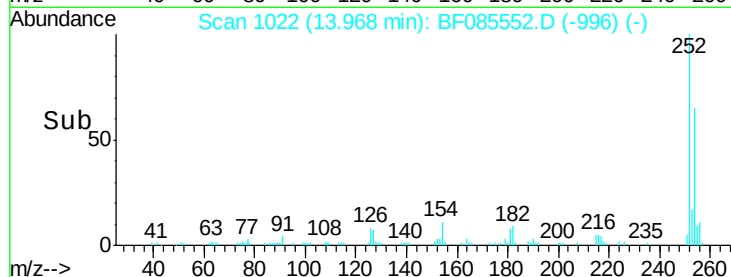
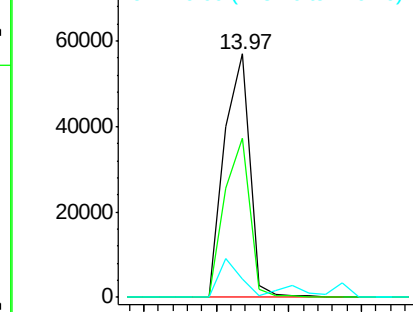
#81
 3,3'-Dichlorobenzidine
 Concen: 8.32 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

Tgt Ion: 252 Resp: 69299
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.7 76.1
 126 7.6 11.8 17.6#

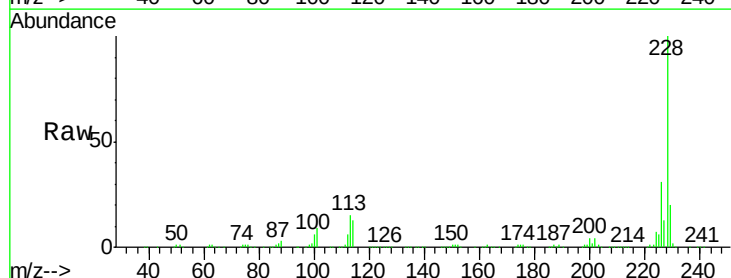


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

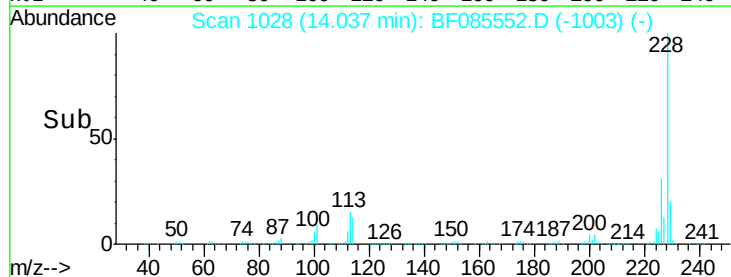
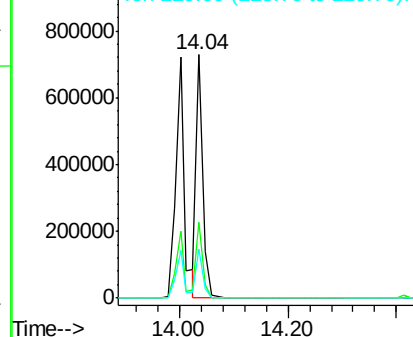


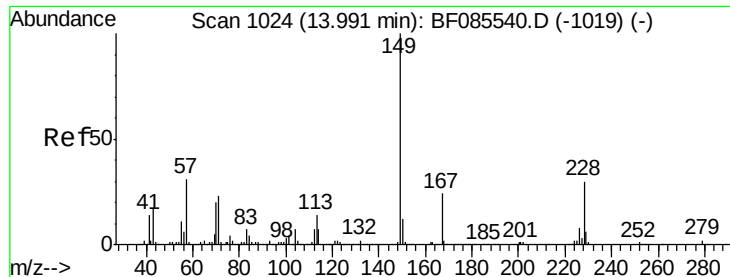
#82
 Chrysene
 Concen: 28.15 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion: 228 Resp: 615899
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.0 15.7 23.5



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

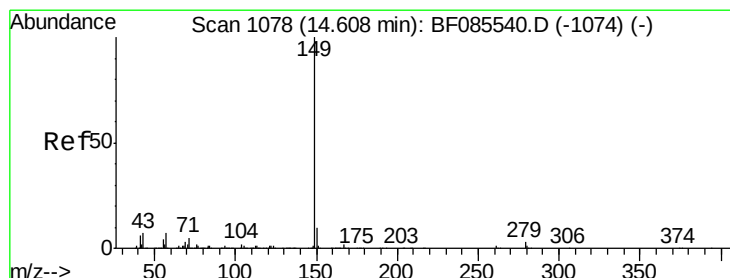
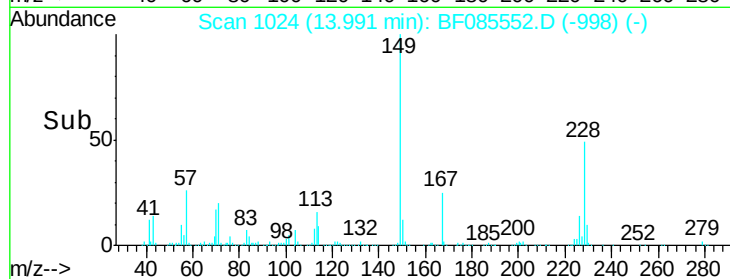
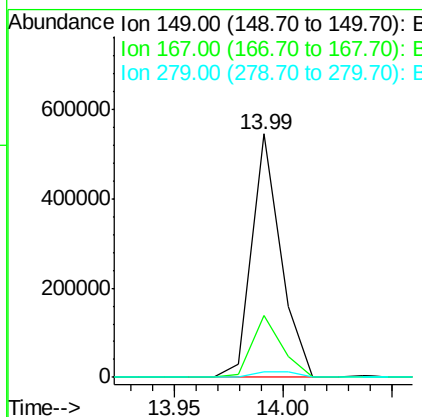
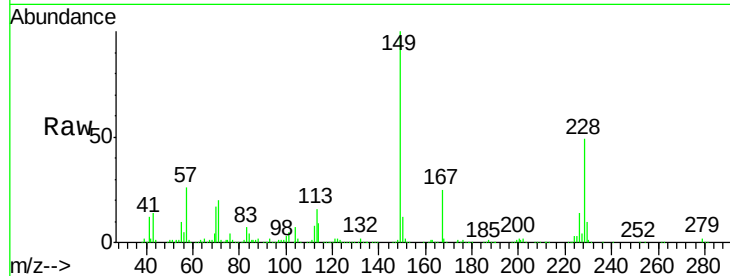




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.43 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

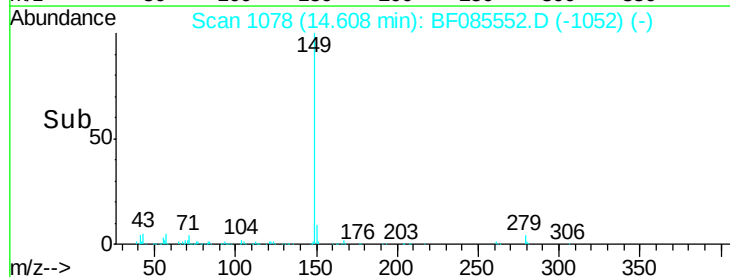
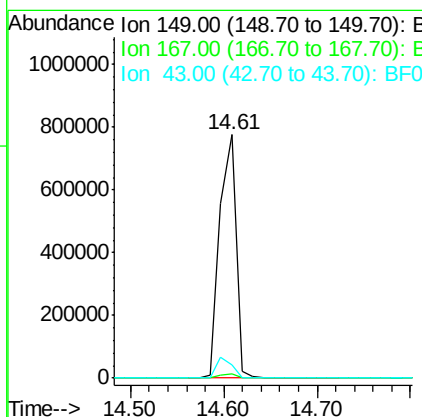
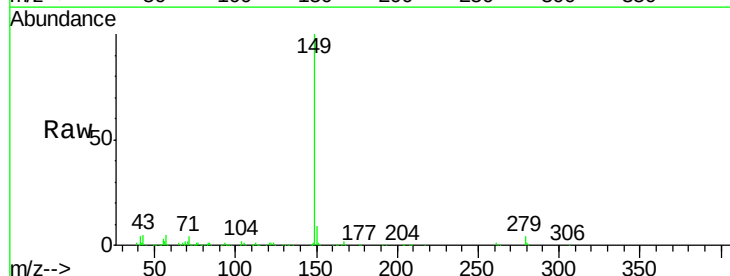
Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

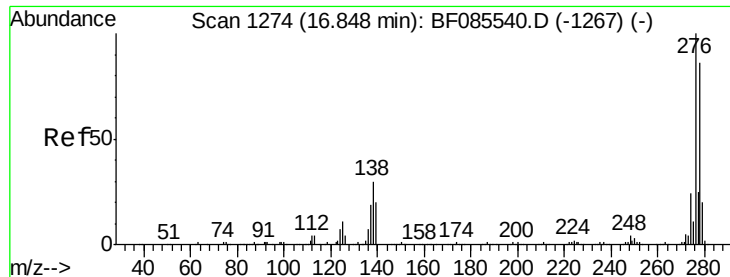
Tgt Ion:149 Resp: 506825
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.4 29.2
 279 2.4 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 34.67 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion:149 Resp: 940967
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.1 7.1 10.7

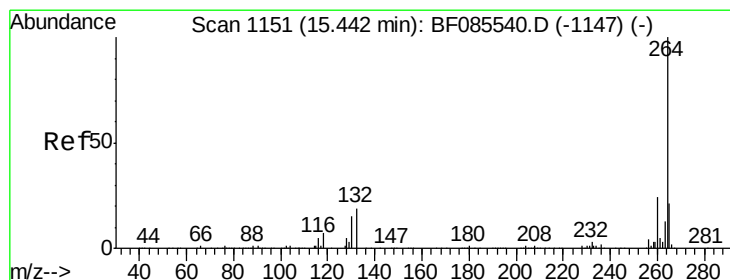
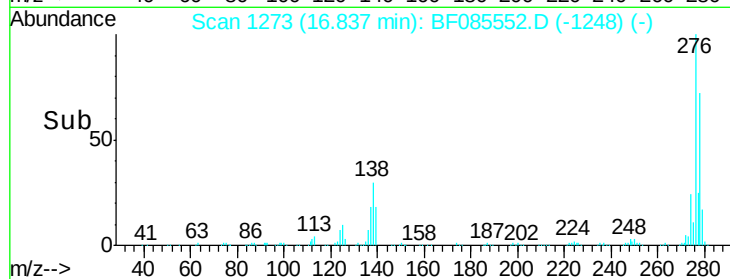
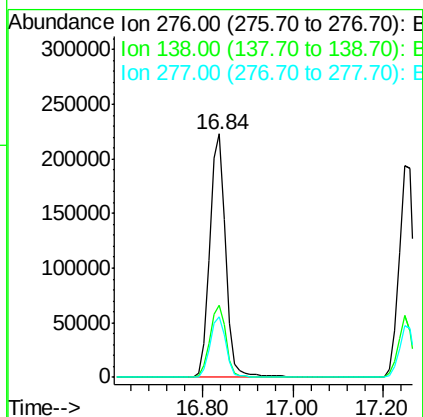
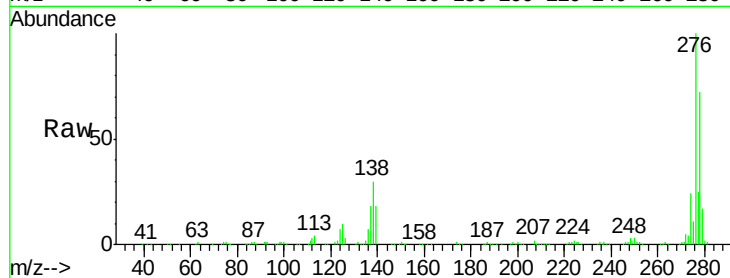




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.08 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

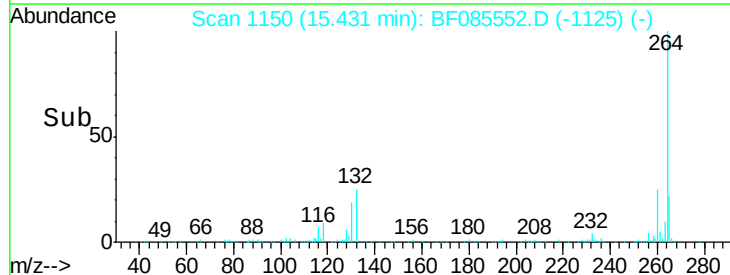
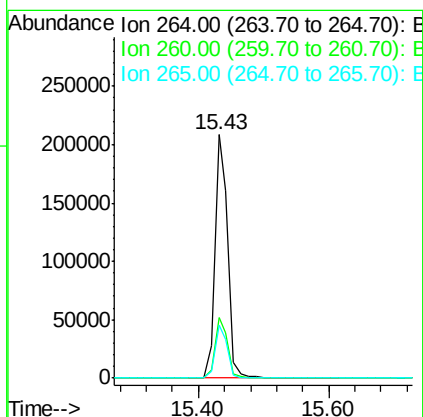
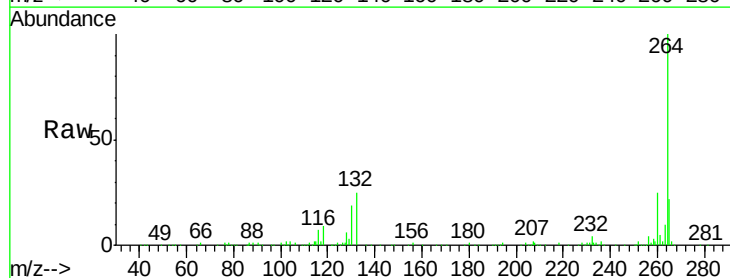
Instrument :
 BNA_F
 ClientSampleId :
 PB88981BSD

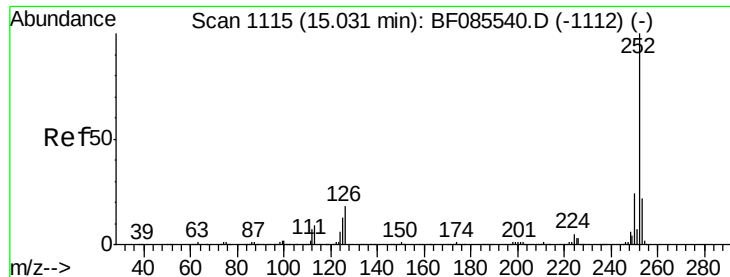
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	24.2	36.4
277	24.9	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085552.D
 Acq: 19 Mar 2016 4:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	17.2	25.8

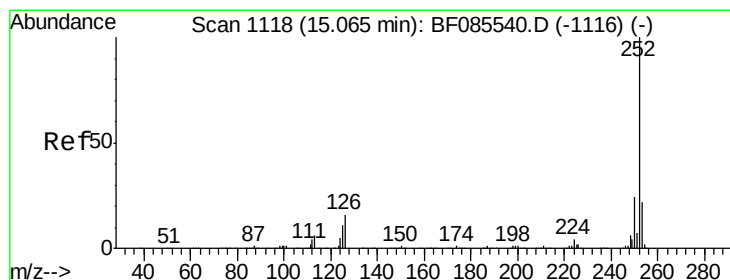
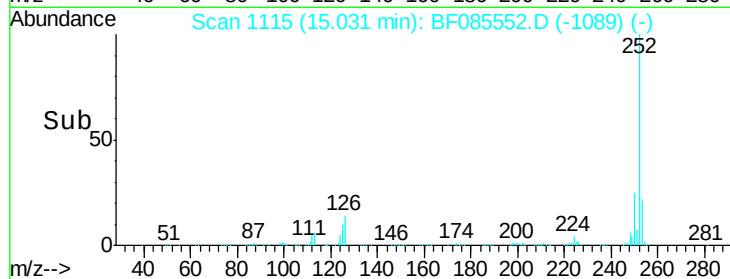
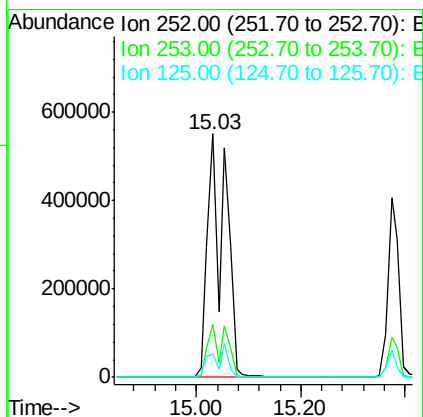
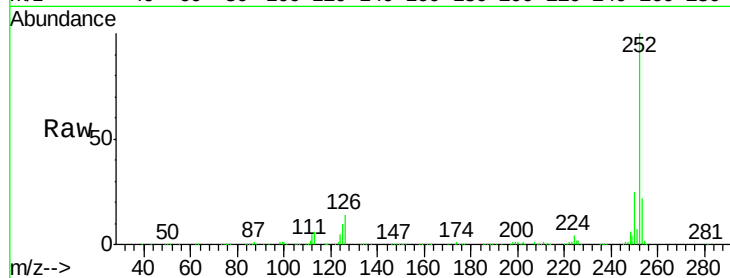




#87
Benzo(b)fluoranthene
Concen: 68.34 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

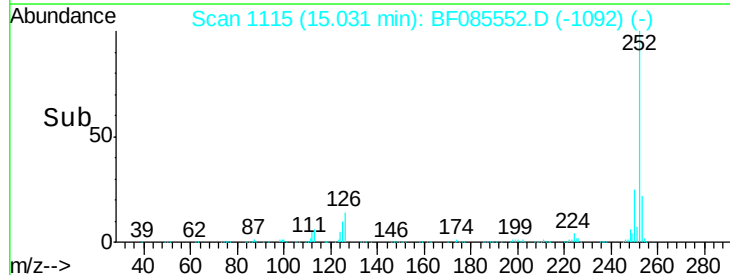
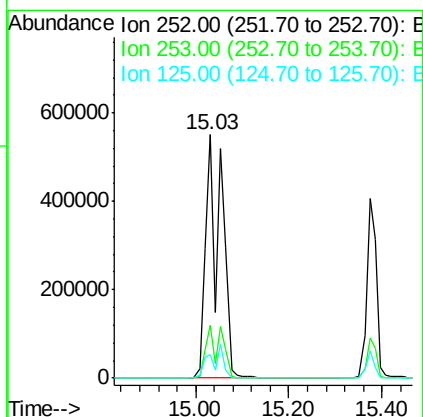
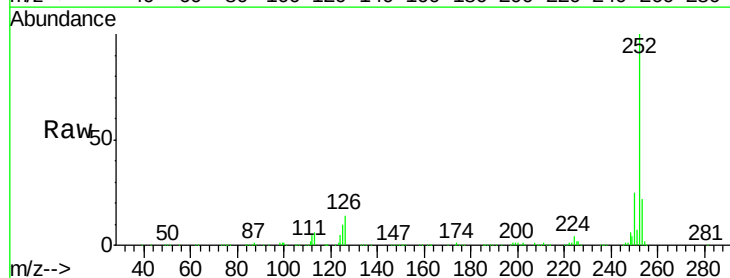
Instrument :
BNA_F
ClientSampleId :
PB88981BSD

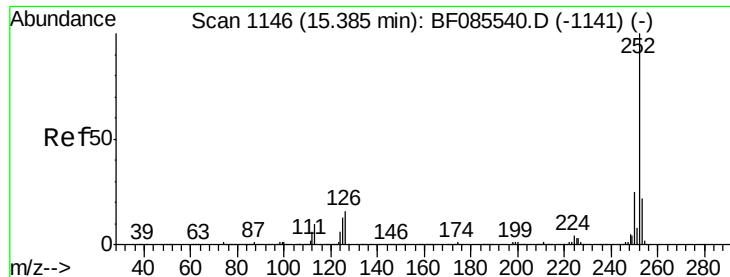
Tgt Ion:252 Resp: 1288338
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.7 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 83.00 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085552.D
Acq: 19 Mar 2016 4:17

Tgt Ion:252 Resp: 1289191
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.7 7.7 11.5





#89

Benzo(a)pyrene

Concen: 37.23 ng

RT: 15.37 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

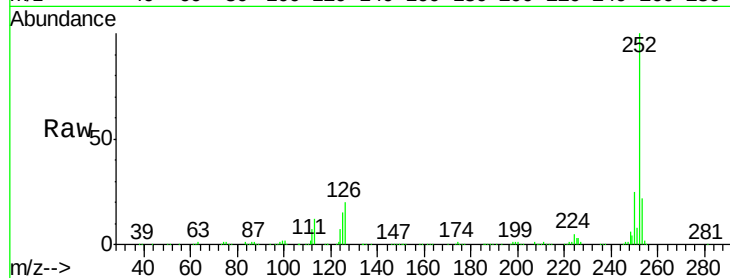
Tgt Ion:252 Resp: 594974

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

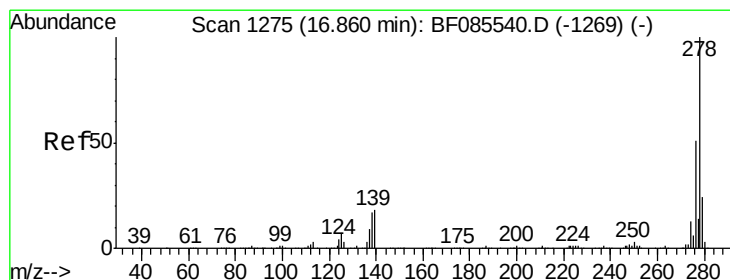
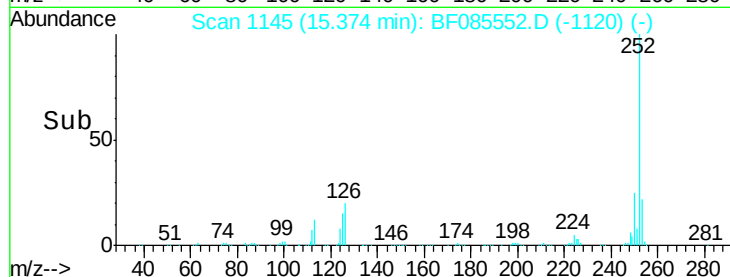
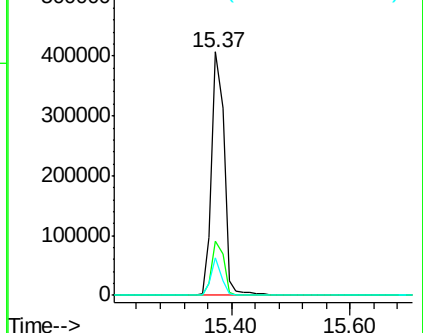
125 15.3 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.71 ng

RT: 16.85 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

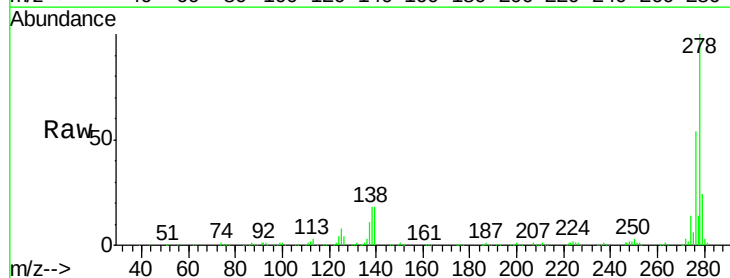
Tgt Ion:278 Resp: 462652

Ion Ratio Lower Upper

278 100

139 18.3 14.4 21.6

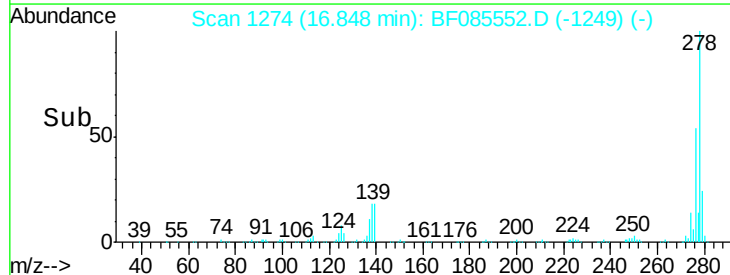
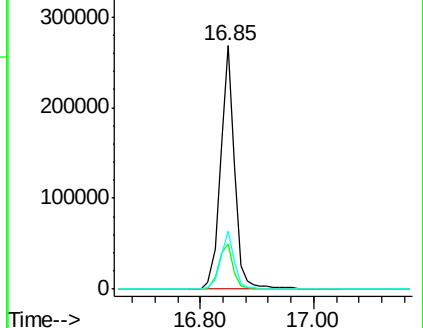
279 24.1 19.1 28.7

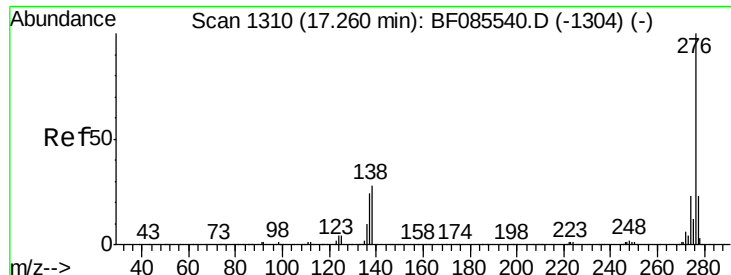


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.73 ng

RT: 17.25 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF085552.D

Acq: 19 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB88981BSD

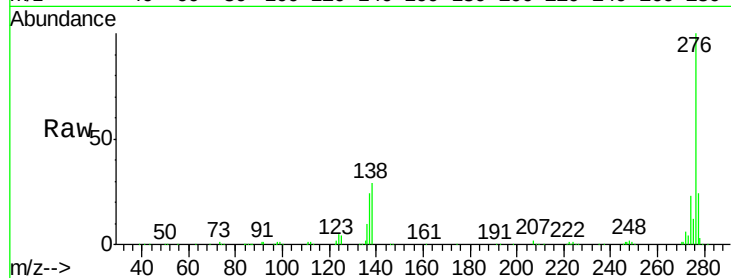
Tgt Ion: 276 Resp: 448160

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 28.9 22.6 34.0



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

