

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085084.D
 Acq On : 17 Feb 2016 13:15
 Operator : SJ/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 14:29:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 14:23:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	215549	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	843539	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	407494	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	846939	20.00	ng	0.00
75) Chrysene-d12	14.16	240	781389	20.00	ng	0.00
86) Perylene-d12	15.62	264	756877	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	628325	50.97	ng	0.00
7) Phenol-d6	6.60	99	788332	47.98	ng	-0.01
23) Nitrobenzene-d5	7.55	82	658187	46.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	262301	62.32	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1533600	53.80	ng	0.00
78) Terphenyl-d14	13.10	244	1460337	38.46	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	145296	28.61	ng	89
3) Pyridine	3.47	79	409363	34.51	ng	90
4) n-Nitrosodimethylamine	3.42	42	180062	29.50	ng	91
6) Aniline	6.65	93	544564	32.08	ng	# 71
8) 2-Chlorophenol	6.78	128	392974	25.93	ng	90
9) Benzaldehyde	6.54	77	234339	26.48	ng	85
10) Phenol	6.62	94	435091	22.64	ng	# 48
11) bis(2-Chloroethyl)ether	6.72	93	327059	18.13	ng	84
12) 1,3-Dichlorobenzene	6.94	146	420772	27.92	ng	99
13) 1,4-Dichlorobenzene	7.02	146	402088	23.98	ng	95
14) 1,2-Dichlorobenzene	7.16	146	386562	24.52	ng	99
15) Benzyl Alcohol	7.13	79	322650	32.14	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	539752	21.32	ng	94
17) 2-Methylphenol	7.23	107	287092	26.17	ng	# 87
18) Hexachloroethane	7.51	117	139237	22.53	ng	# 84
19) n-Nitroso-di-n-propylamine	7.40	70	286950	27.73	ng	88
20) 3+4-Methylphenols	7.39	107	399721	28.86	ng	# 86
22) Acetophenone	7.40	105	572262	26.47	ng	# 92
24) Nitrobenzene	7.58	77	407918	26.14	ng	96
25) Isophorone	7.82	82	766209	29.90	ng	95
26) 2-Nitrophenol	7.90	139	127427	17.03	ng	# 81
27) 2,4-Dimethylphenol	7.92	122	334745	27.66	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	435196	27.36	ng	99
29) 2,4-Dichlorophenol	8.12	162	293531	26.68	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	329948	26.02	ng	99
31) Naphthalene	8.30	128	1011890	24.74	ng	99
32) Benzoic acid	8.02	122	196330	36.85	ng	91
33) 4-Chloroaniline	8.34	127	435634	28.08	ng	97
34) Hexachlorobutadiene	8.42	225	219813	30.95	ng	97
35) Caprolactam	8.70	113	94555	31.97	ng	96
36) 4-Chloro-3-methylphenol	8.81	107	310234	24.87	ng	96
37) 2-Methylnaphthalene	8.99	142	739697	28.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	349328	26.53	ng	98
40) Hexachlorocyclopentadiene	9.15	237	177438	40.52	ng	95

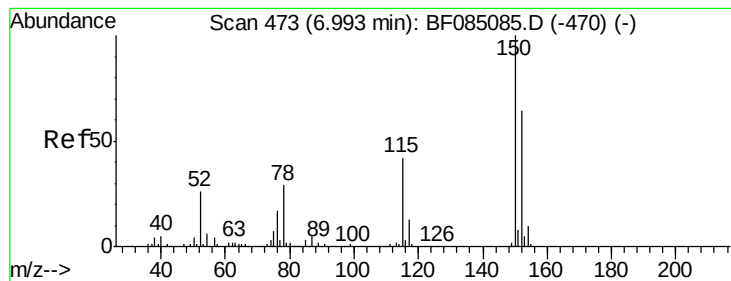
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
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Quant Time: Feb 17 14:29:20 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 14:23:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	237894	32.77	nq	96
43) 2,4,5-Trichlorophenol	9.30	196	241591	28.60	nq	# 86
45) 1,1'-Biphenyl	9.45	154	883036	23.82	nq	96
46) 2-Chloronaphthalene	9.48	162	677217	25.78	nq	91
47) 2-Nitroaniline	9.56	65	151027	18.63	nq	# 79
48) Acenaphthylene	9.90	152	1172206	28.11	nq	98
49) Dimethylphthalate	9.75	163	749139	24.52	nq	97
50) 2,6-Dinitrotoluene	9.82	165	149057	23.78	nq	# 70
51) Acenaphthene	10.07	154	694050	27.53	nq	98
52) 3-Nitroaniline	9.98	138	164357	23.60	nq	89
53) 2,4-Dinitrophenol	10.08	184	41594	20.04	nq	# 66
54) Dibenzofuran	10.24	168	954378	28.30	nq	95
55) 4-Nitrophenol	10.12	139	144993	32.45	nq	# 76
56) 2,4-Dinitrotoluene	10.20	165	182868	21.42	nq	# 61
57) Fluorene	10.58	166	800300	27.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	196589	29.42	nq	92
59) Diethylphthalate	10.46	149	805164	26.59	nq	94
60) 4-Chlorophenyl-phenylether	10.57	204	380470	27.45	nq	97
61) 4-Nitroaniline	10.58	138	160233	25.04	nq	98
62) Azobenzene	10.73	77	729382	25.01	nq	97
64) 4,6-Dinitro-2-methylphenol	10.62	198	70959	15.73	nq	93
65) n-Nitrosodiphenylamine	10.68	169	647668	24.08	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	251278	26.64	nq	99
67) Hexachlorobenzene	11.13	284	284700	28.23	nq	# 80
68) Atrazine	11.21	200	200940	25.78	nq	94
69) Pentachlorophenol	11.31	266	148729	38.35	nq	97
70) Phenanthrene	11.54	178	1122568	24.04	nq	98
71) Anthracene	11.60	178	1147669	23.52	nq	98
72) Carbazole	11.75	167	1072385	26.54	nq	98
73) Di-n-butylphthalate	12.08	149	1283834	24.21	nq	98
74) Fluoranthene	12.73	202	1293673	27.80	nq	97
76) Benzidine	12.84	184	700181	50.89	nq	98
77) Pyrene	12.96	202	1317878	21.09	nq	98
79) Butylbenzylphthalate	13.58	149	506921	19.28	nq	# 85
80) Benzo(a)anthracene	14.15	228	1184206	26.17	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	436879	33.22	nq	98
82) Chrysene	14.18	228	1163013	26.50	nq	97
83) Bis(2-ethylhexyl)phthalate	14.14	149	726922	21.03	nq	# 96
84) Di-n-octyl phthalate	14.74	149	1151509	23.45	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1139010	31.24	nq	100
87) Benzo(b)fluoranthene	15.20	252	1212315	24.43	nq	99
88) Benzo(k)fluoranthene	15.20	252	1212315	30.58	nq	# 97
89) Benzo(a)pyrene	15.57	252	1052483	25.08	nq	# 97
90) Dibenzo(a,h)anthracene	17.13	278	947003	23.78	nq	96
91) Benzo(g,h,i)perylene	17.57	276	907257	21.94	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

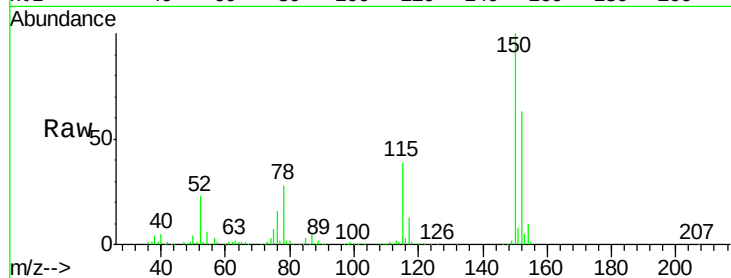
Tot Ion:152 Resp: 215549

Ion Ratio Lower Upper

152 100

150 158.1 127.4 191.2

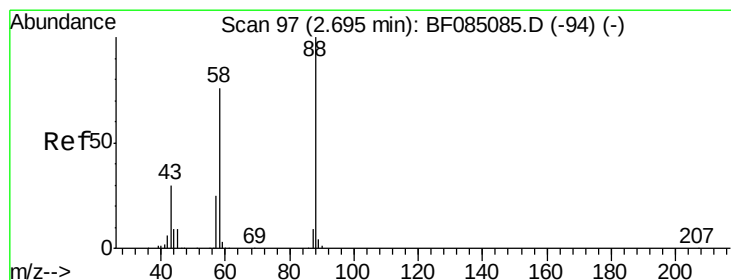
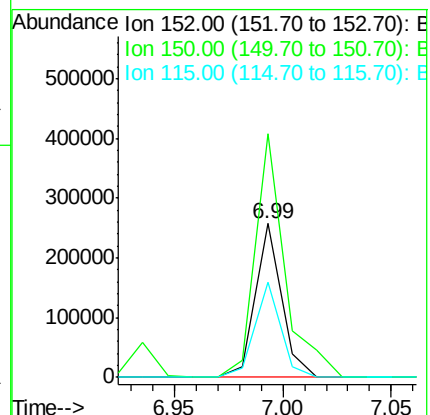
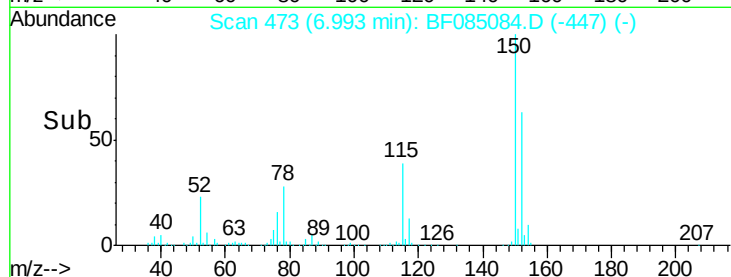
115 61.8 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.61 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

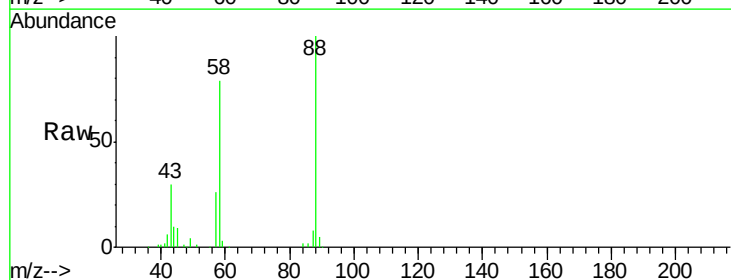
Tgt Ion: 88 Resp: 145296

Ion Ratio Lower Upper

88 100

58 77.0 70.9 106.3

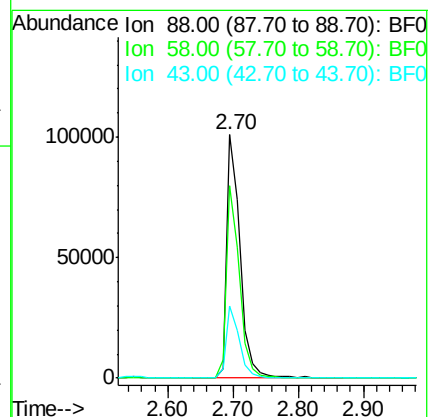
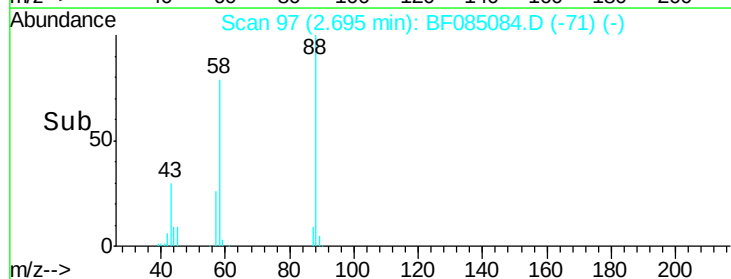
43 29.3 25.9 38.9

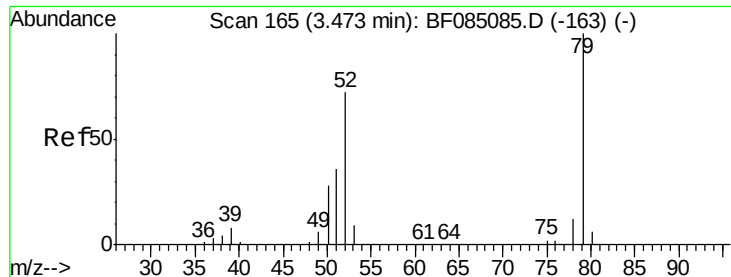


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.51 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampled :

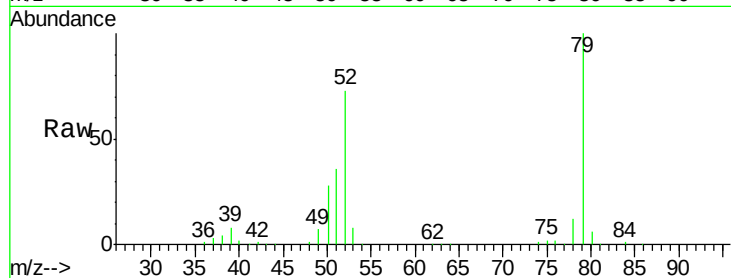
Tot Ion: 79 Resp: 409363

Ion Ratio Lower Upper

79 100

52 73.5 67.1 100.7

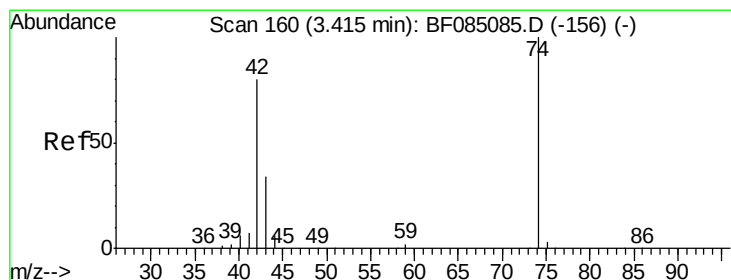
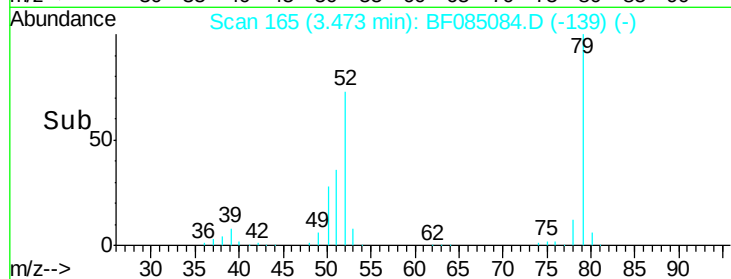
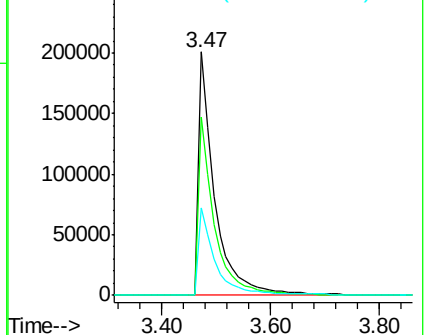
51 36.2 32.7 49.1



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: 29.50 ng

RT: 3.42 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

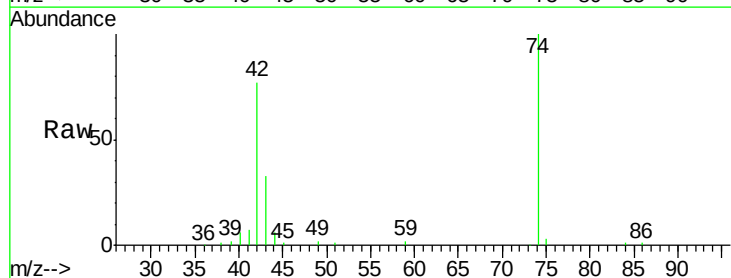
Tgt Ion: 42 Resp: 180062

Ion Ratio Lower Upper

42 100

74 130.5 96.2 144.4

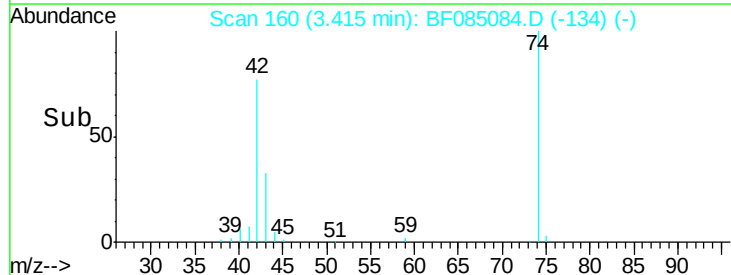
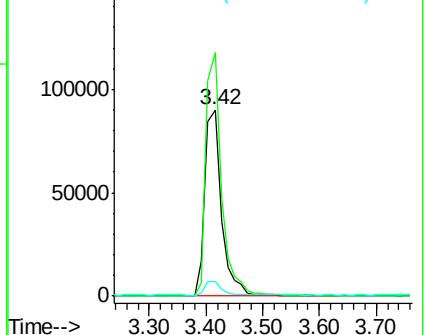
44 7.4 7.0 10.4

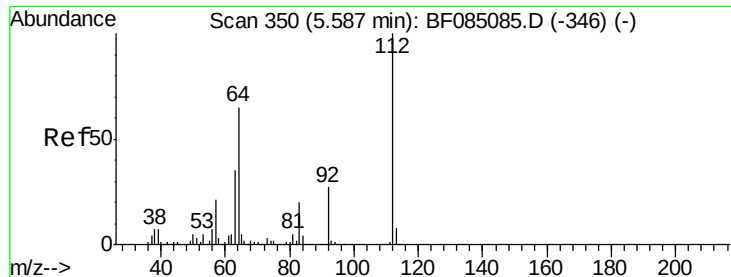


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 50.97 ng

RT: 5.59 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampled :

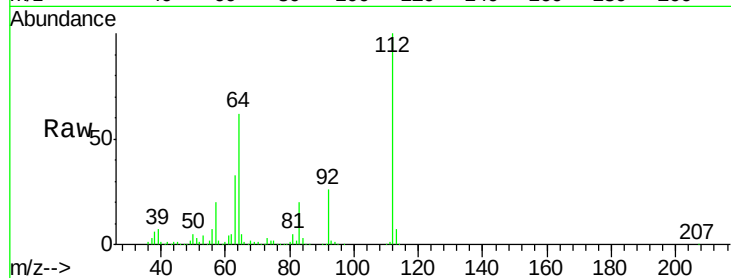
Tot Ion:112 Resp: 628325

Ion Ratio Lower Upper

112 100

64 62.3 45.4 68.2

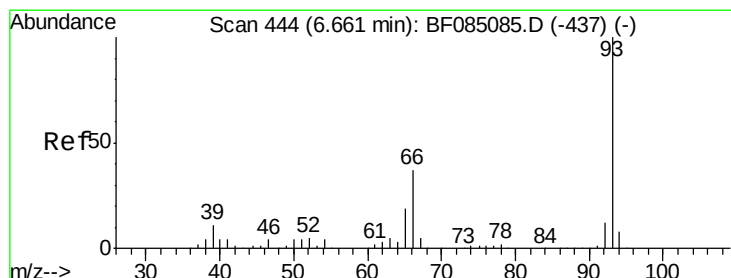
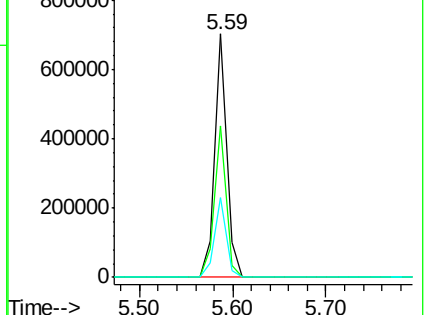
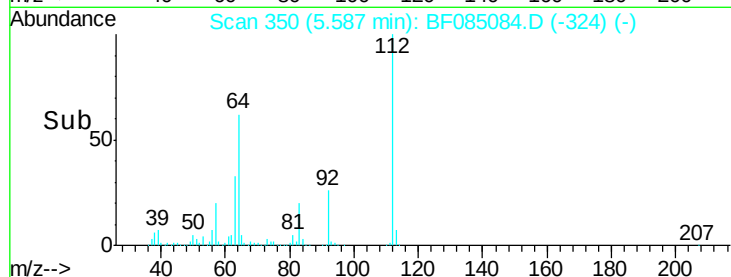
63 32.7 23.2 34.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.08 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

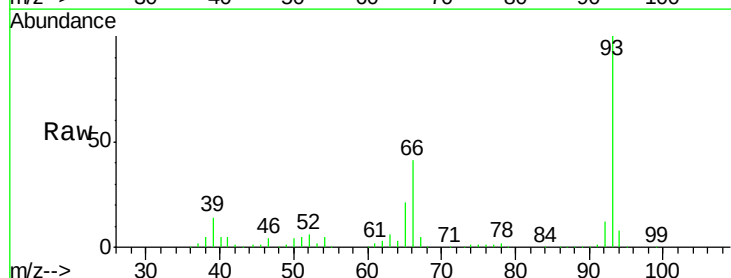
Tgt Ion: 93 Resp: 544564

Ion Ratio Lower Upper

93 100

66 40.8 51.8 77.8#

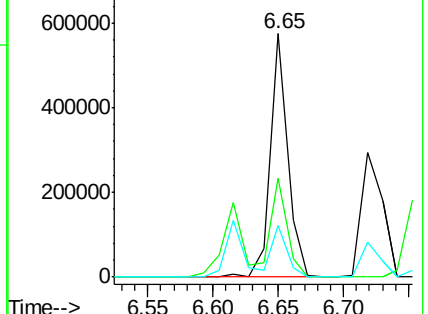
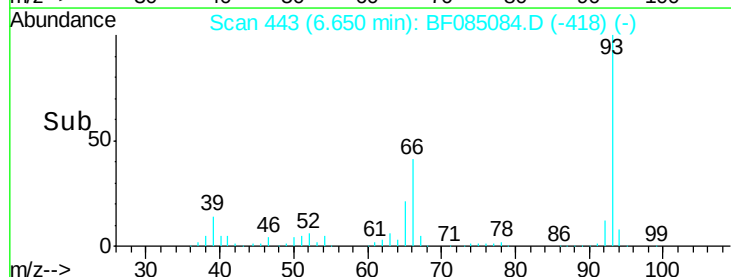
65 21.0 28.5 42.7#

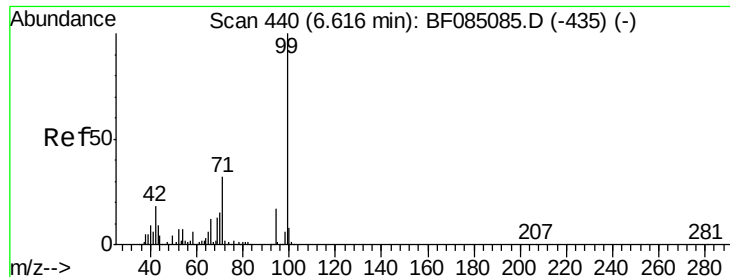


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 47.98 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampled :

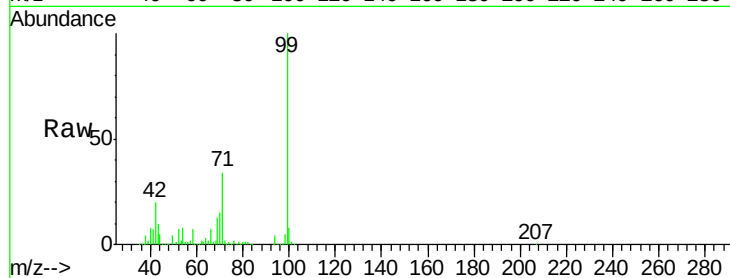
Tot Ion: 99 Resp: 788332

Ion Ratio Lower Upper

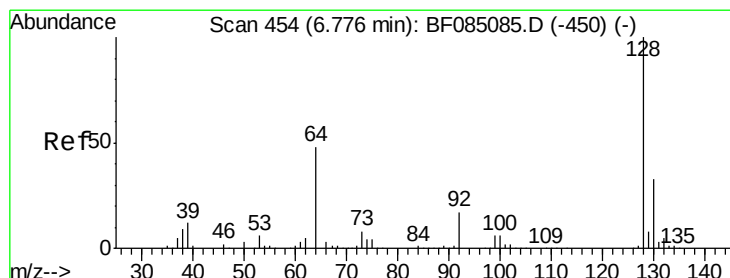
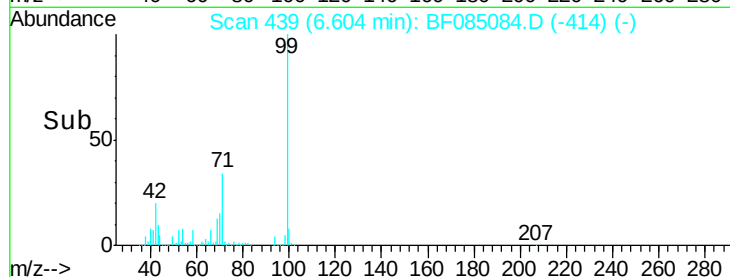
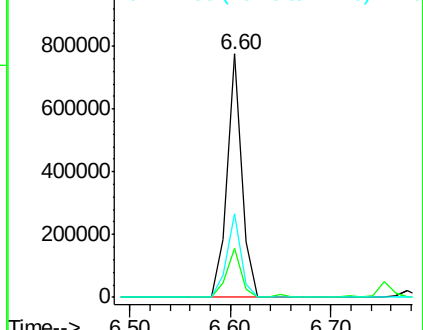
99 100

42 20.0 17.0 25.4

71 34.1 28.3 42.5



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: 25.93 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

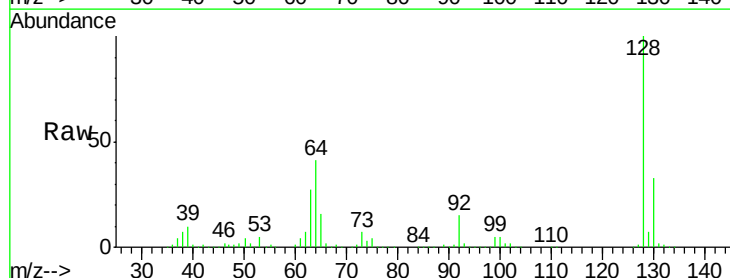
Tgt Ion: 128 Resp: 392974

Ion Ratio Lower Upper

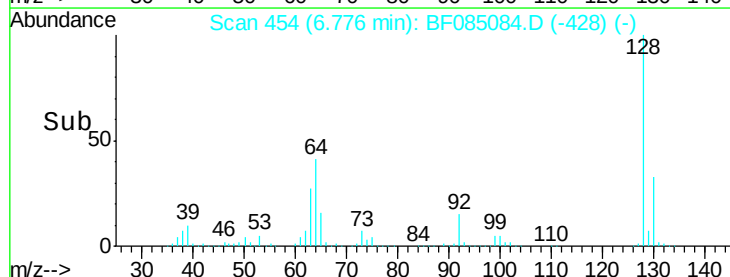
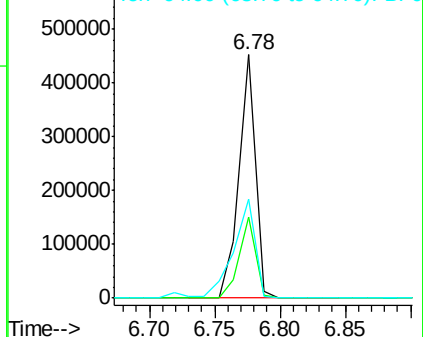
128 100

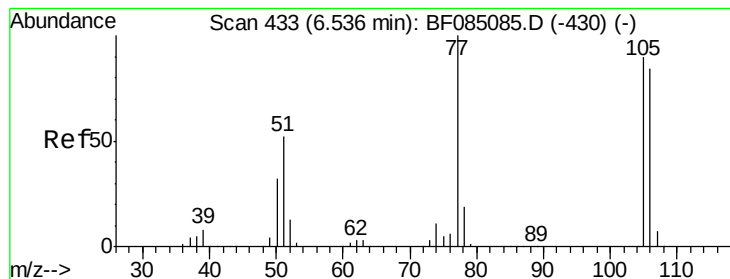
130 33.1 12.4 52.4

64 40.8 32.1 72.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.48 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

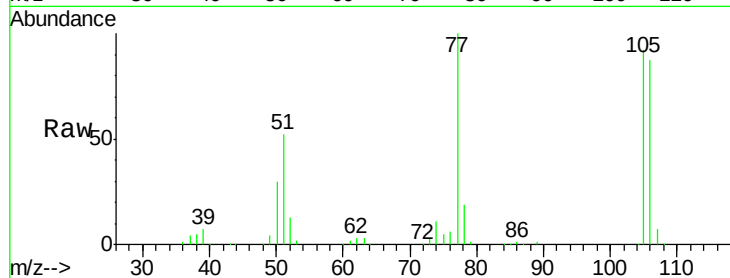
Tot Ion: 77 Resp: 234339

Ion Ratio Lower Upper

77 100

105 92.0 90.9 130.9

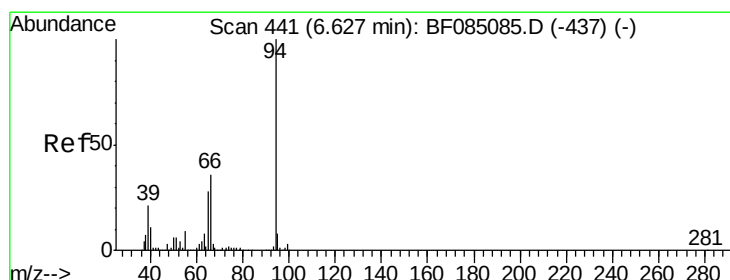
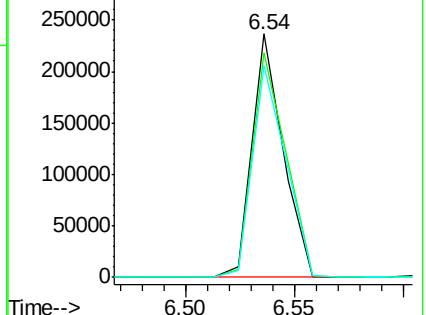
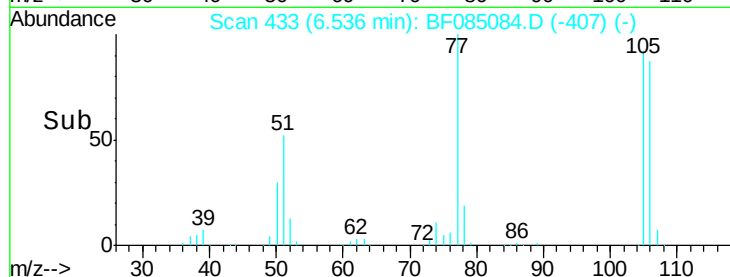
106 87.0 79.7 119.7



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: 22.64 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

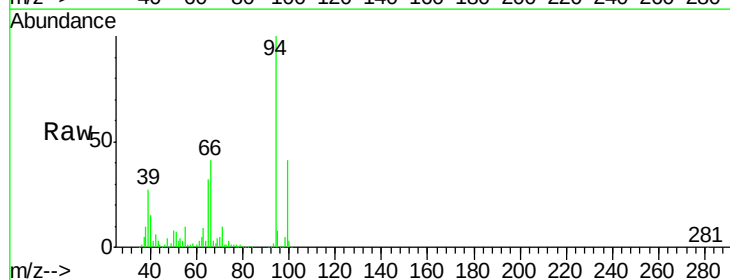
Tgt Ion: 94 Resp: 435091

Ion Ratio Lower Upper

94 100

65 31.6 37.3 77.3#

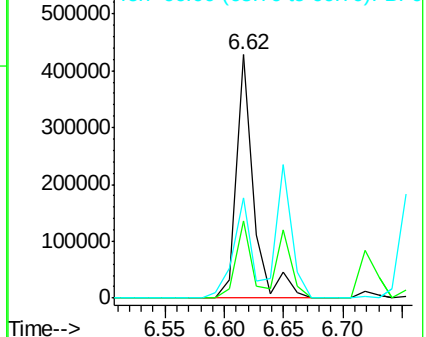
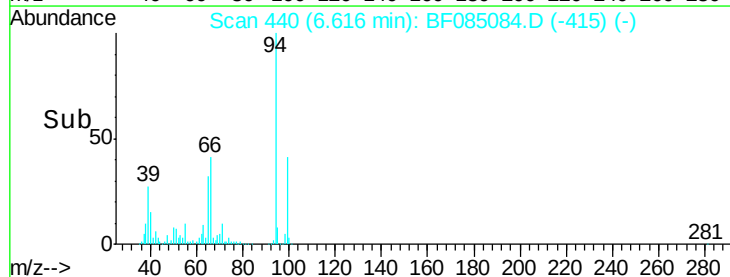
66 41.3 84.1 124.1#

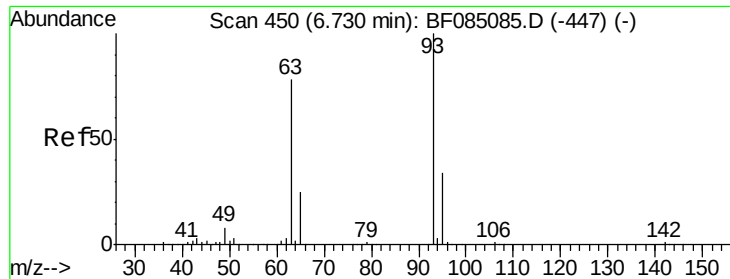


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

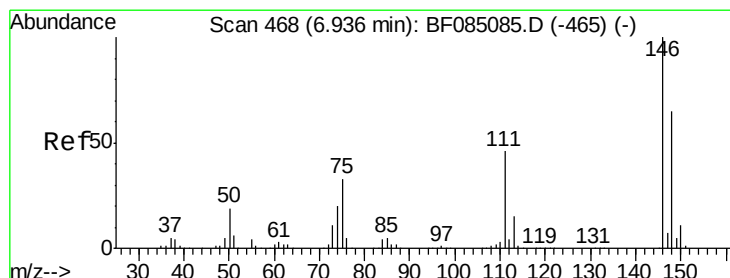
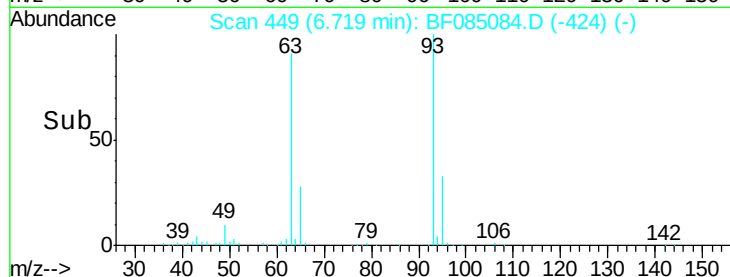
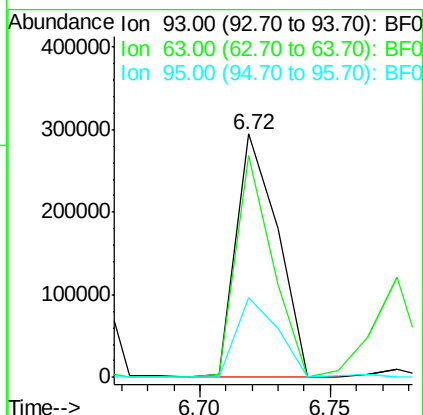
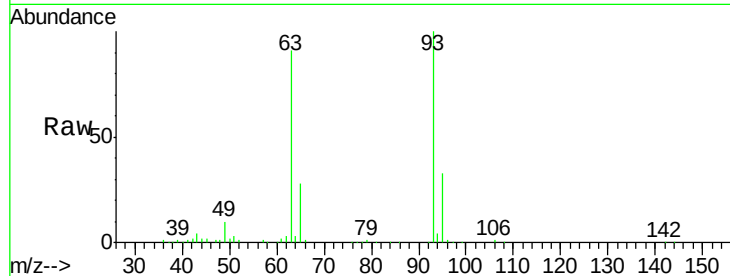




#11
 bis(2-Chloroethyl)ether
 Concen: 18.13 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

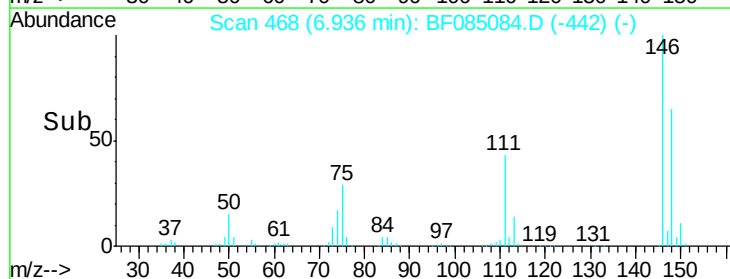
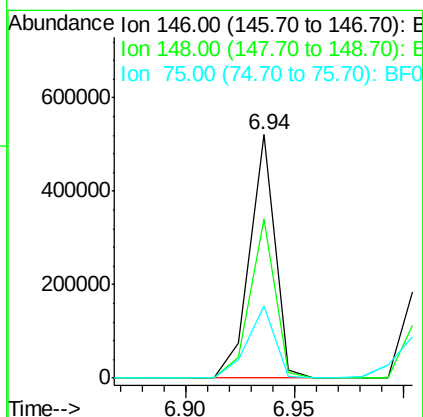
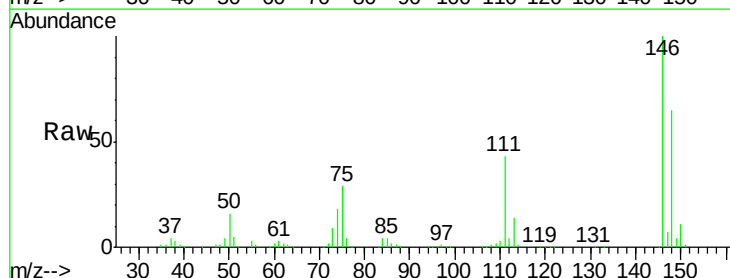
Instrument :
 BNA_F
 ClientSampleId :

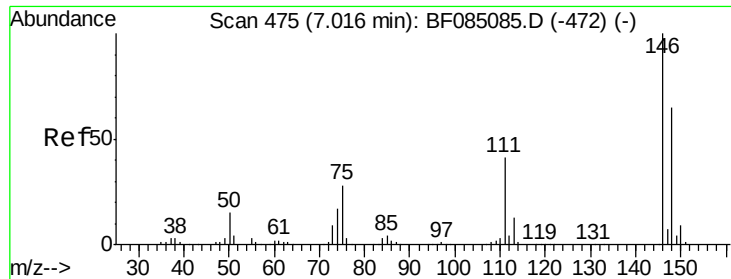
Tot Ion	Ratio	Lower	Upper
93	100		
63	91.0	53.6	93.6
95	32.7	10.1	50.1



#12
 1,3-Dichlorobenzene
 Concen: 27.92 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.1	79.7
75	29.4	24.4	36.6

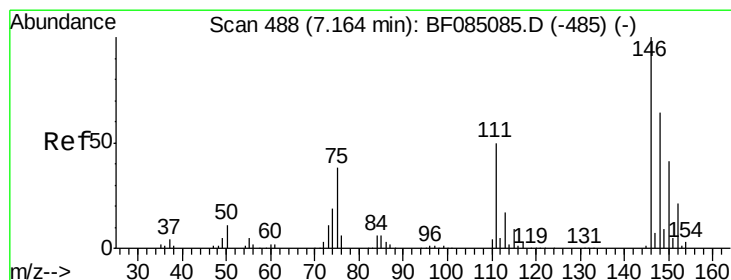
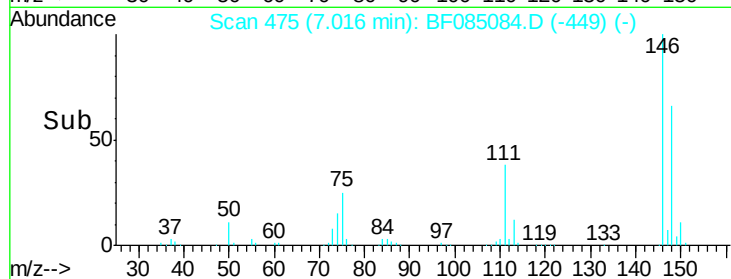
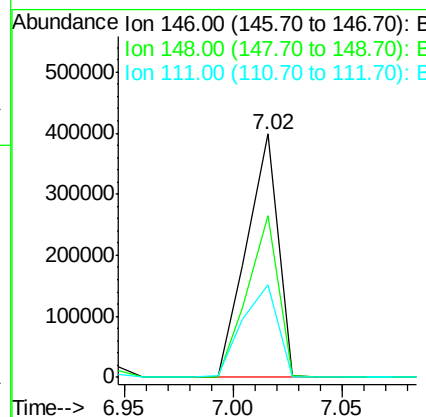
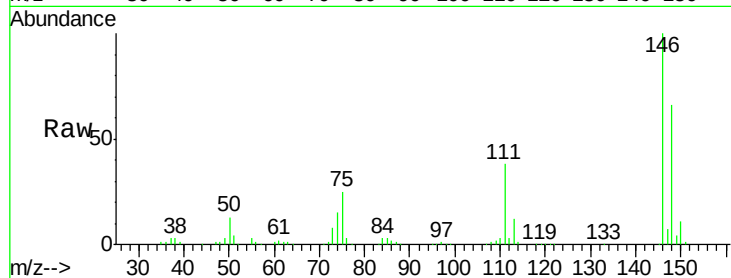




#13
 1,4-Dichlorobenzene
 Concen: 23.98 ng
 RT: 7.02 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

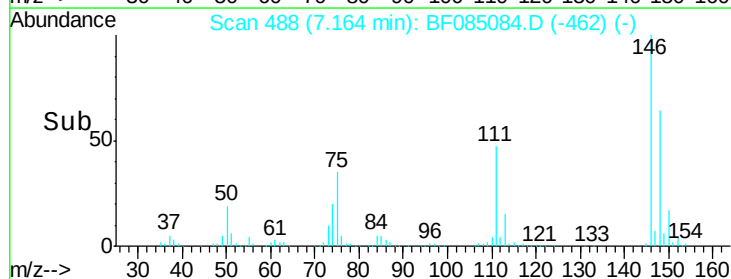
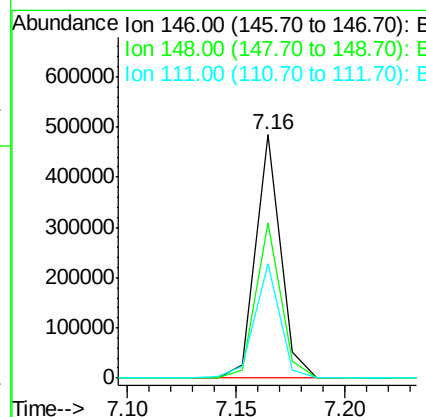
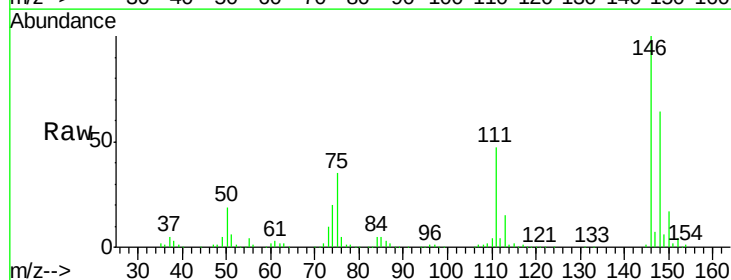
Instrument :
 BNA_F
 ClientSampleId :

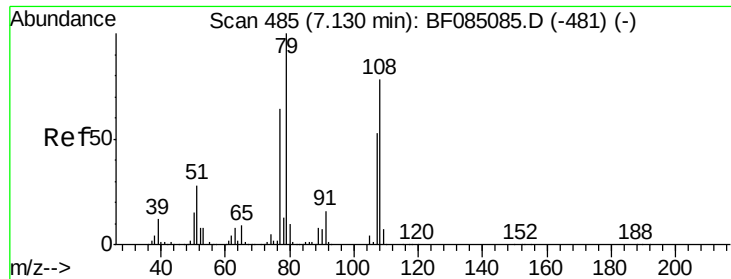
Tot Ion:146 Resp: 402088
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.3 75.5
 111 37.8 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 24.52 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion:146 Resp: 386562
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 46.9 36.5 54.7





#15

Benzyl Alcohol

Concen: 32.14 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampled :

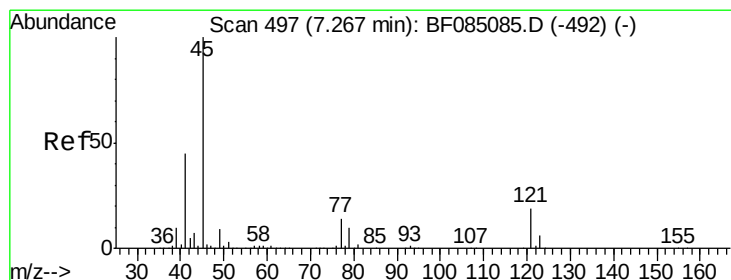
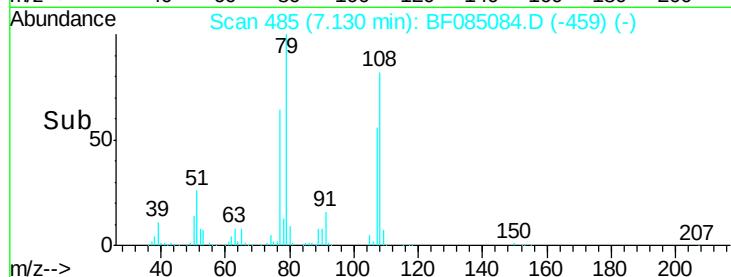
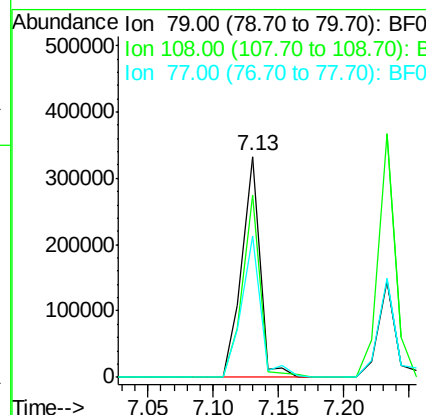
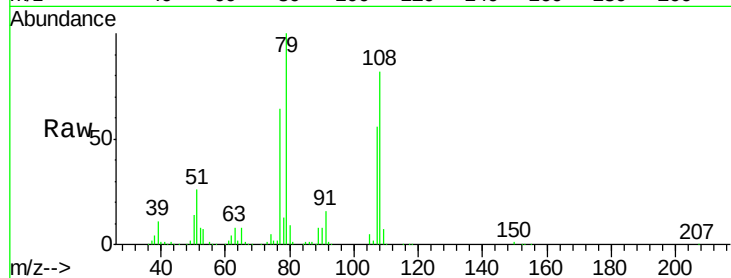
Tot Ion: 79 Resp: 322650

Ion Ratio Lower Upper

79 100

108 82.2 63.4 95.0

77 64.1 51.8 77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.32 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

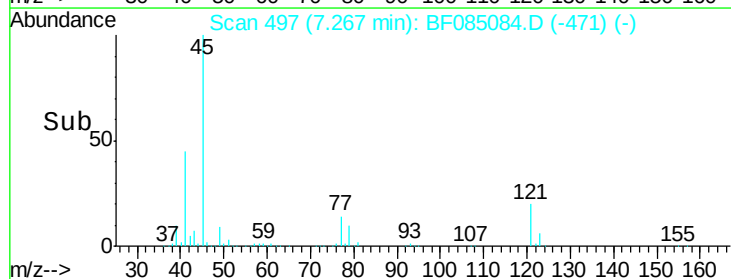
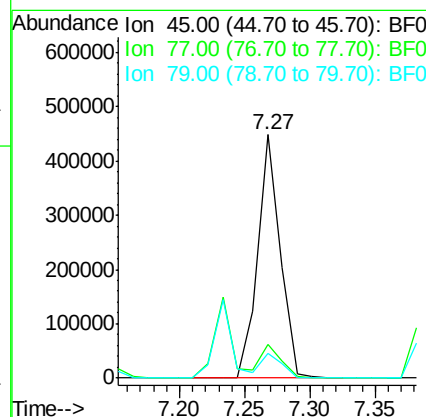
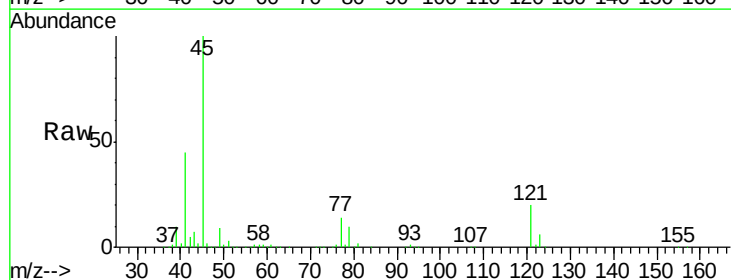
Tgt Ion: 45 Resp: 539752

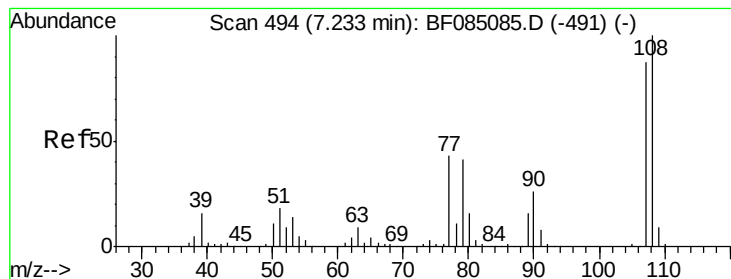
Ion Ratio Lower Upper

45 100

77 13.8 0.0 35.2

79 10.3 0.0 33.7

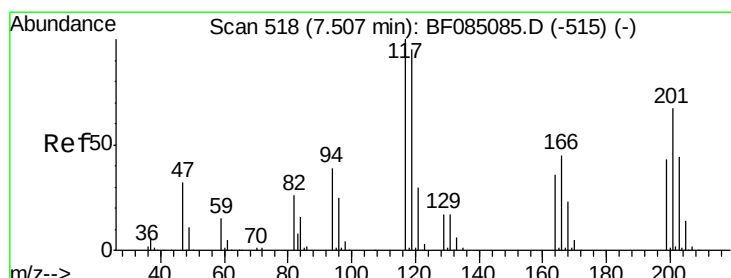
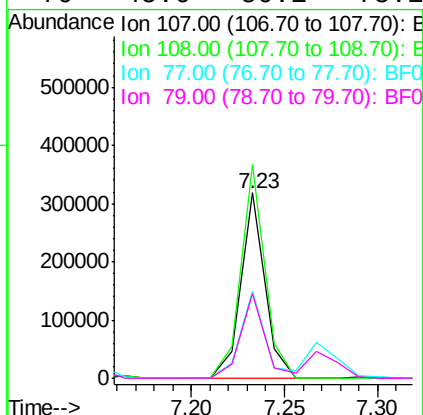
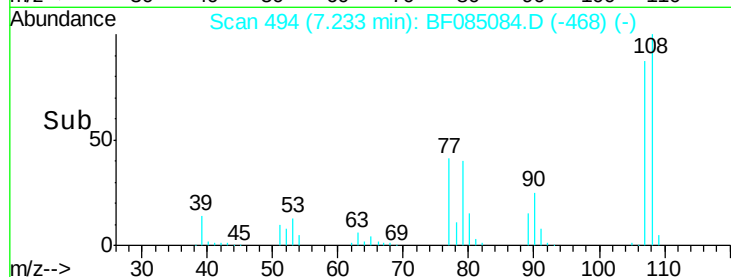
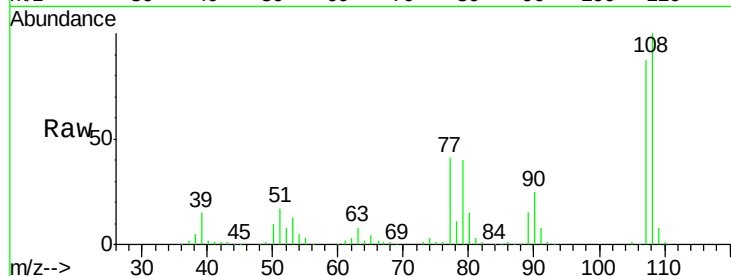




#17
2-Methylphenol
Concen: 26.17 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

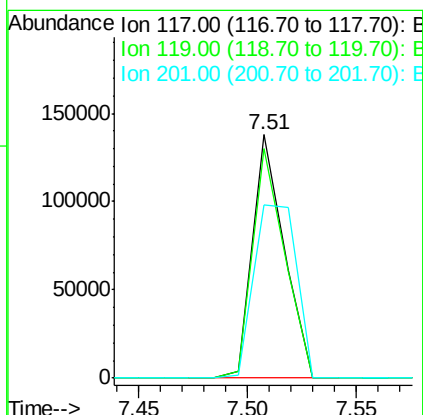
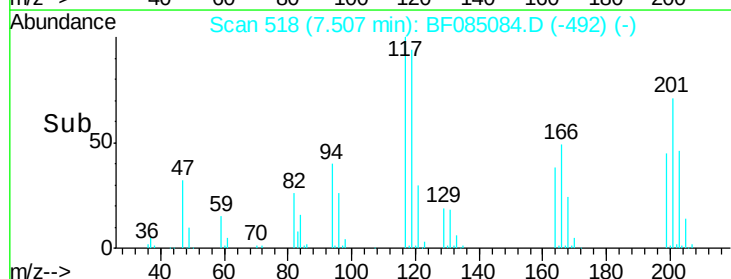
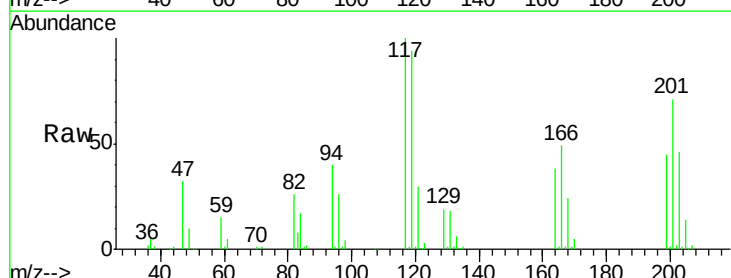
Instrument :
BNA_F
ClientSampleId :

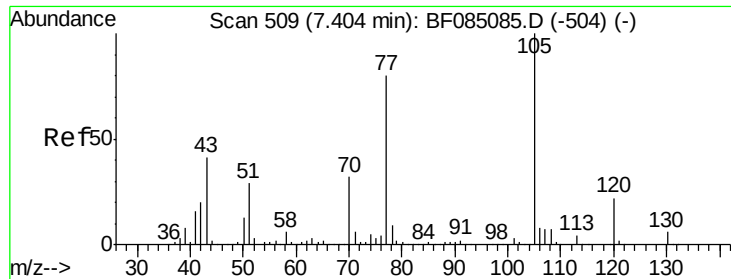
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	97.0	145.4
77	47.1	50.5	75.7#
79	45.6	50.1	75.1#



#18
Hexachloroethane
Concen: 22.53 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.5	111.7
201	71.0	80.9	121.3#

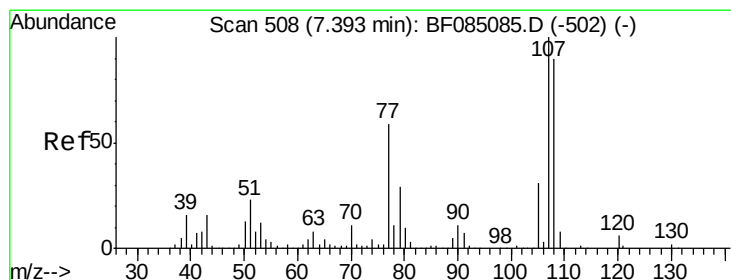
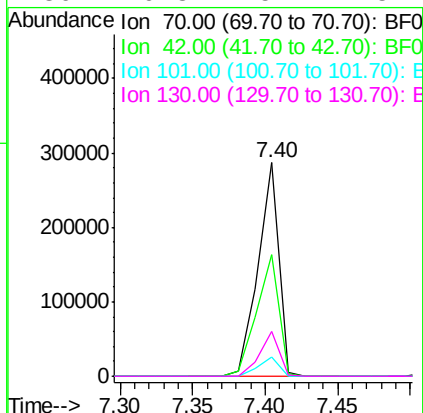
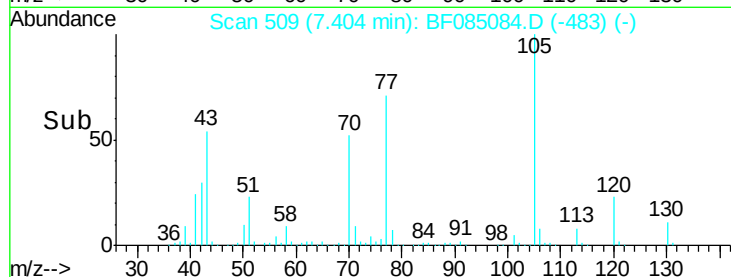
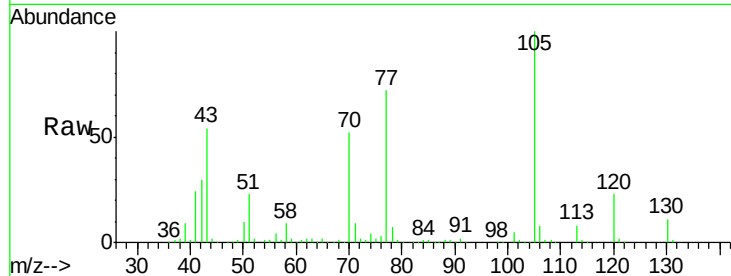




#19
n-Nitroso-di-n-propylamine
Concen: 27.73 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

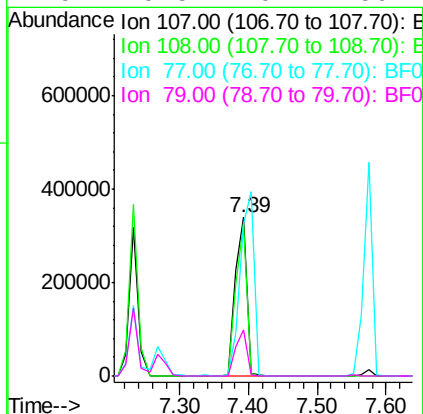
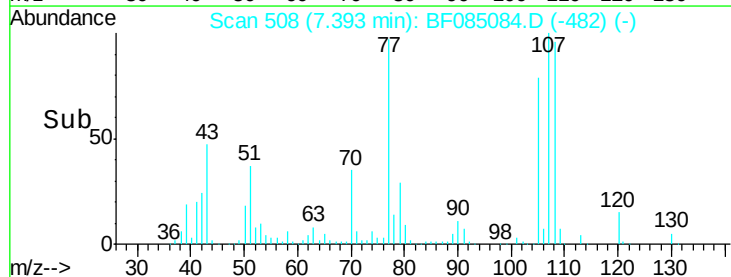
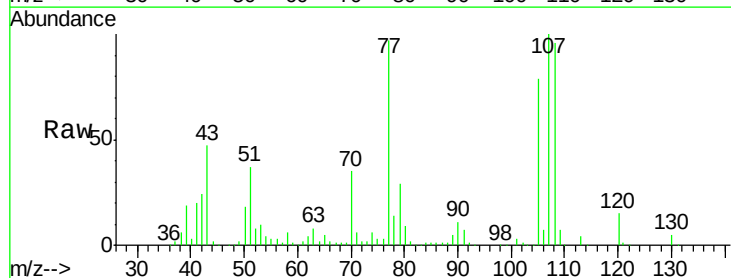
Instrument :
BNA_F
ClientSampleId :

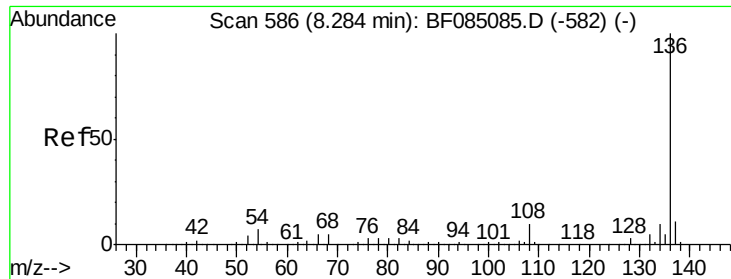
Tot Ion: 70 Resp: 286950
Ion Ratio Lower Upper
70 100
42 57.2 55.8 83.6
101 9.2 7.7 11.5
130 20.8 15.4 23.2



#20
3+4-Methylphenols
Concen: 28.86 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:107 Resp: 399721
Ion Ratio Lower Upper
107 100
108 96.4 74.4 114.4
77 96.5 46.9 86.9#
79 29.5 10.4 50.4

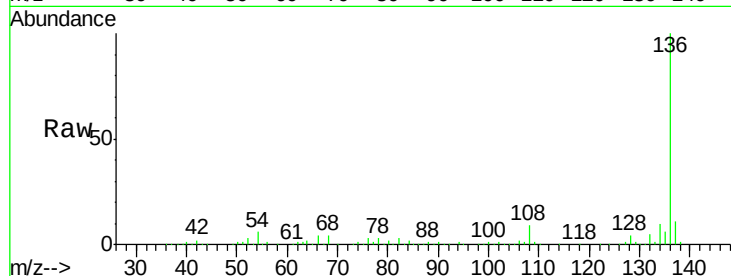




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	843539
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	5.6	6.1 9.1#
68	4.4	3.5 5.3



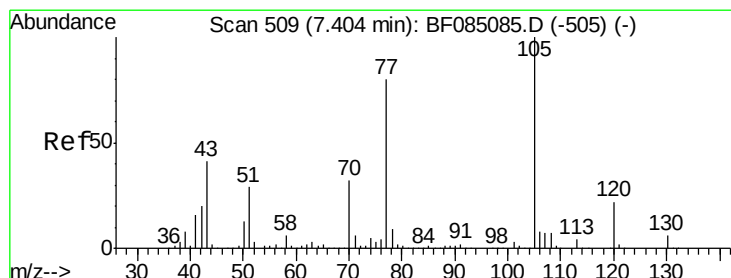
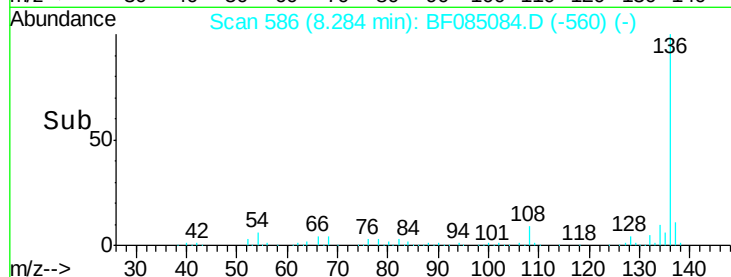
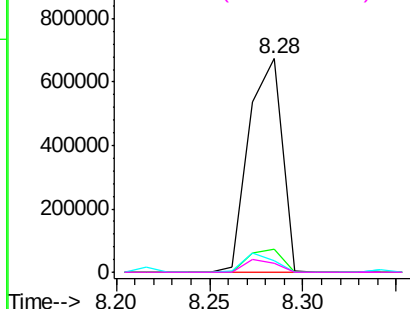
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

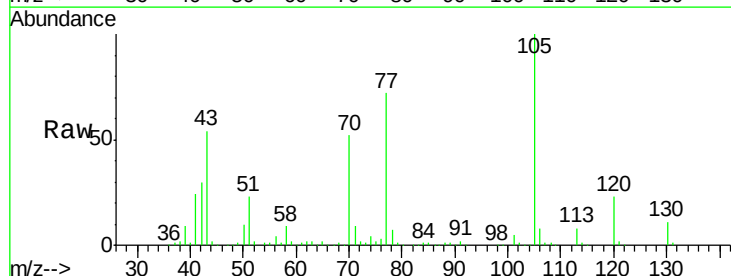
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 26.47 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:105	Resp:	572262
Ion Ratio	Lower	Upper
105	100	
71	8.8	7.5 11.3
51	22.8	23.1 34.7#
120	23.0	15.9 23.9



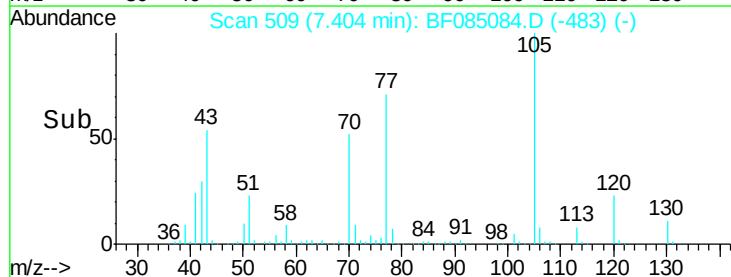
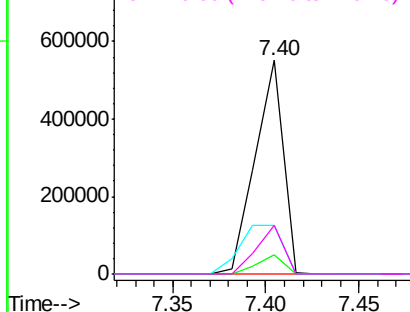
Abundance

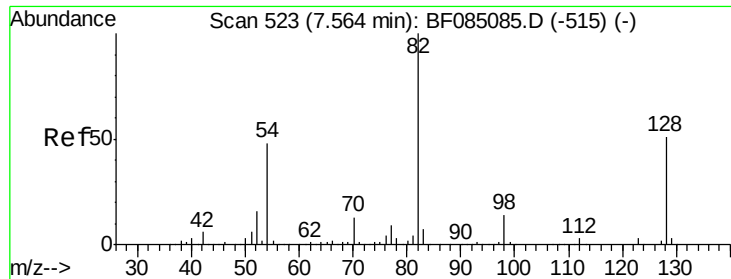
Ion 105.00 (104.70 to 105.70): E

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

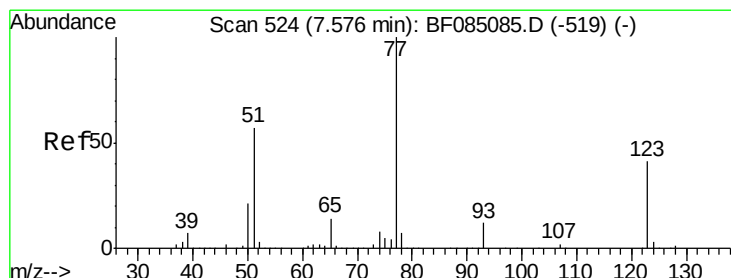
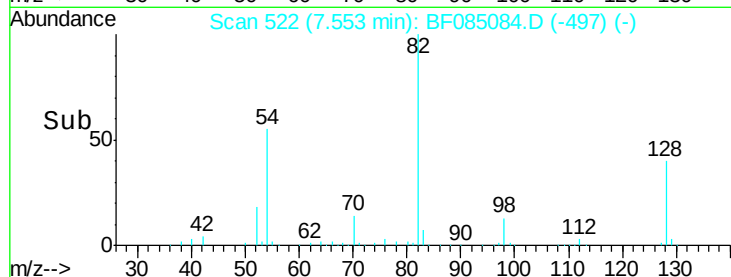
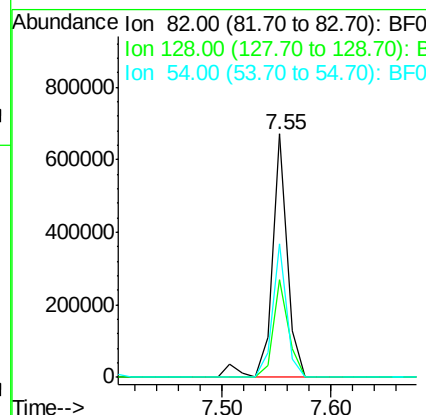
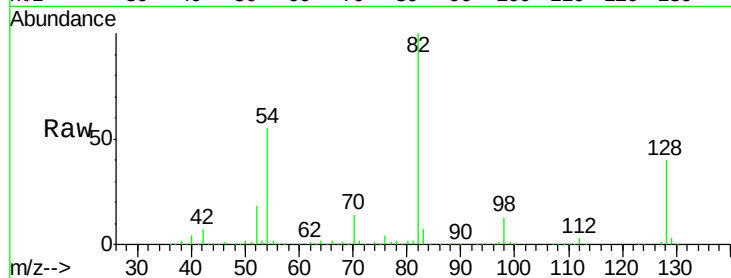




#23
 Nitrobenzene-d5
 Concen: 46.08 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

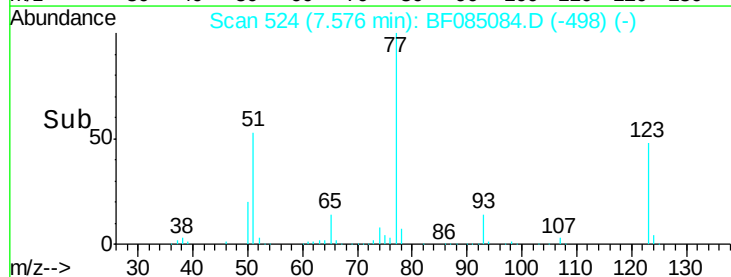
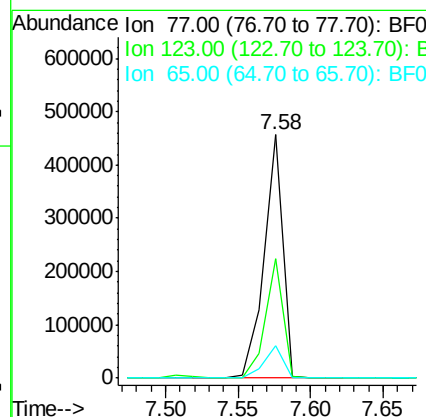
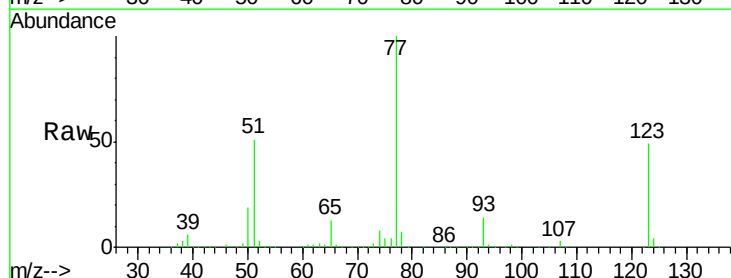
Instrument :
 BNA_F
 ClientSampled :

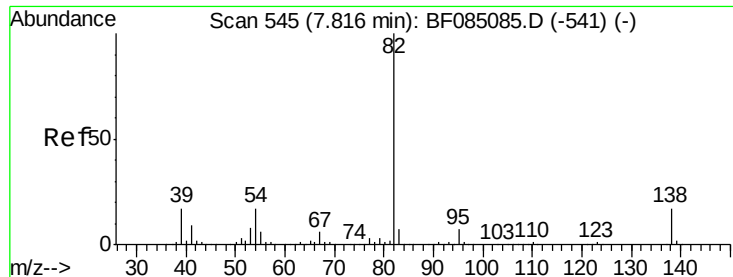
Tot Ion	82	Resp	658187
Ion Ratio	100	Lower	Upper
128	40.0	36.8	55.2
54	54.7	44.4	66.6



#24
 Nitrobenzene
 Concen: 26.14 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion	77	Resp	407918
Ion Ratio	100	Lower	Upper
123	49.1	36.5	54.7
65	13.2	10.9	16.3

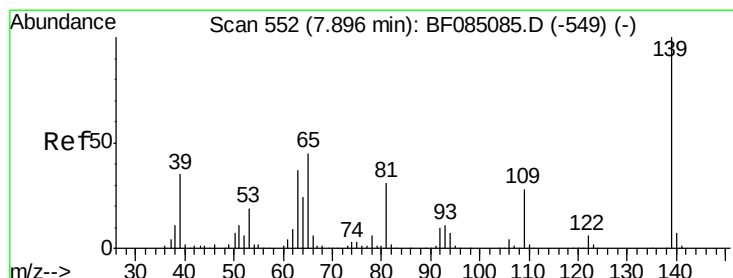
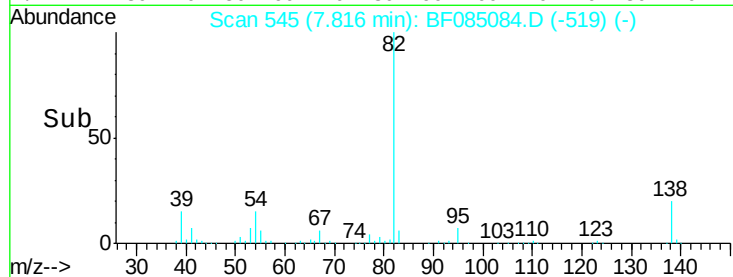
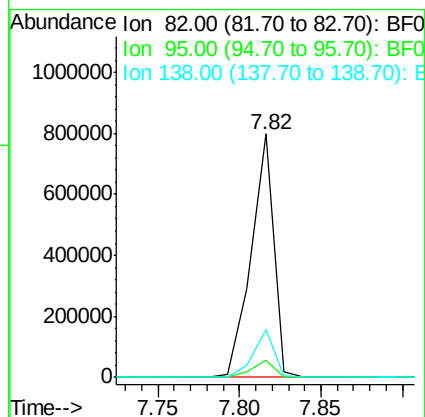
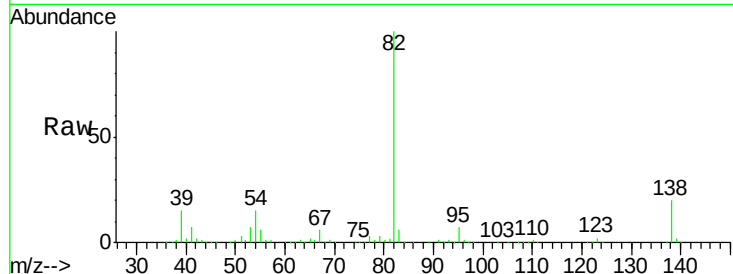




#25
Isophorone
Concen: 29.90 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

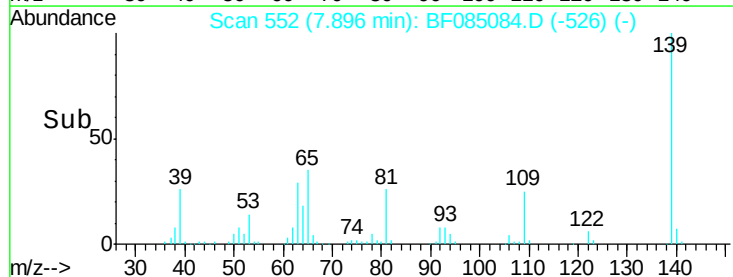
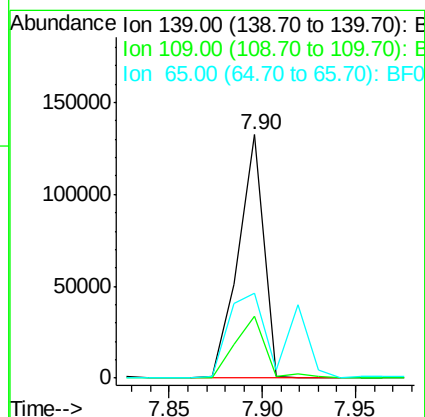
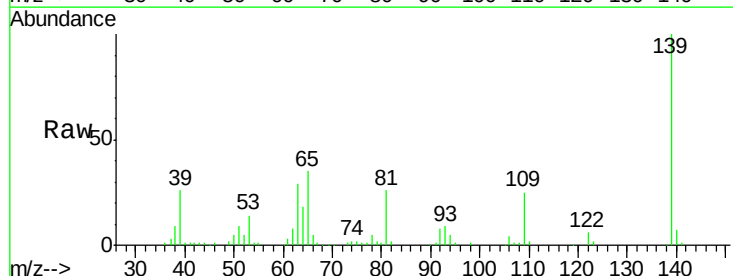
Instrument :
BNA_F
ClientSampleId :

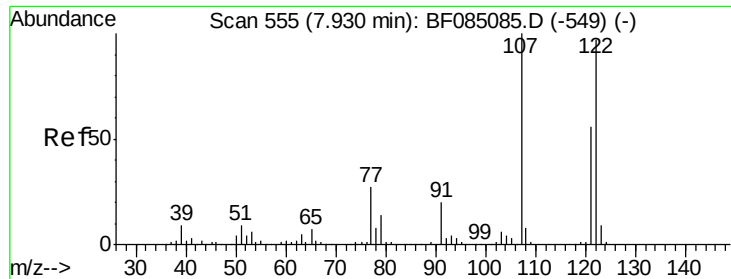
Tot Ion: 82 Resp: 766209
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 19.5 13.1 19.7



#26
2-Nitrophenol
Concen: 17.03 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion: 139 Resp: 127427
Ion Ratio Lower Upper
139 100
109 25.3 23.4 35.2
65 34.9 42.3 63.5#





#27

2,4-Dimethylphenol

Concen: 27.66 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

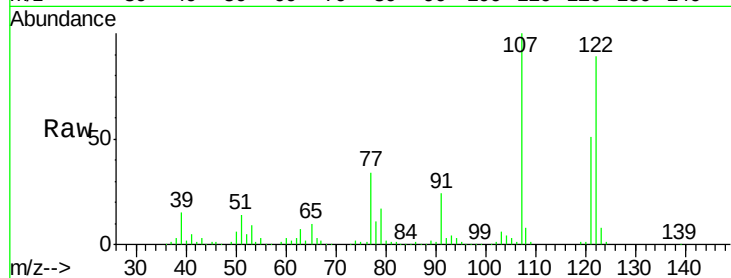
Tot Ion:122 Resp: 334745

Ion Ratio Lower Upper

122 100

107 112.5 91.8 137.8

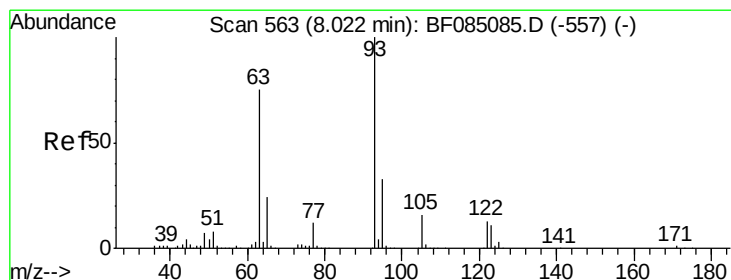
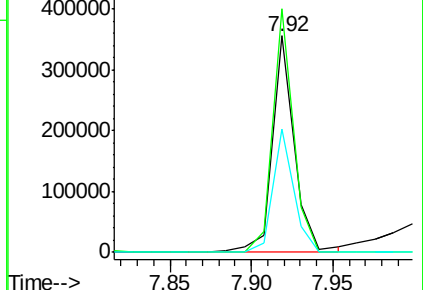
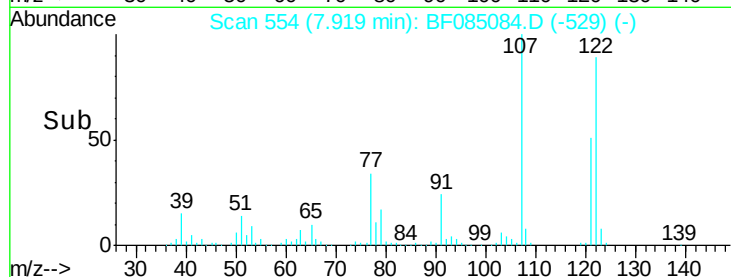
121 57.2 45.0 67.4



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: 27.36 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

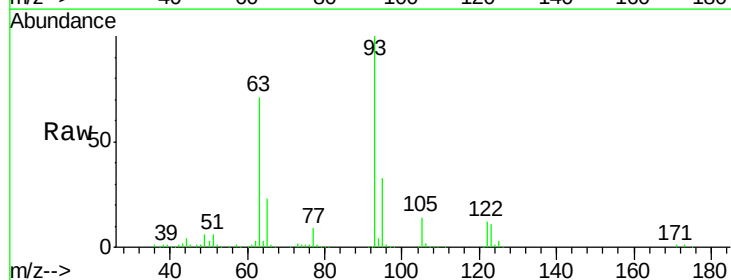
Tgt Ion: 93 Resp: 435196

Ion Ratio Lower Upper

93 100

95 32.5 25.6 38.4

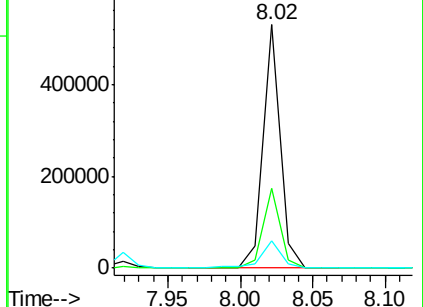
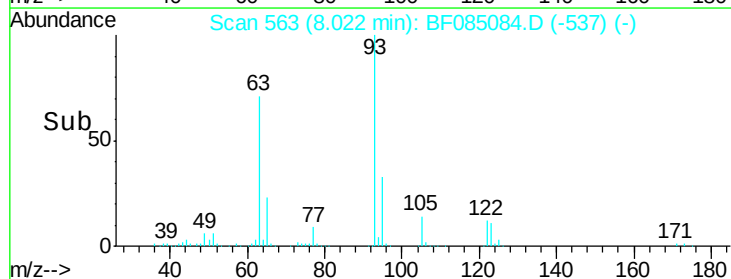
123 11.0 8.7 13.1

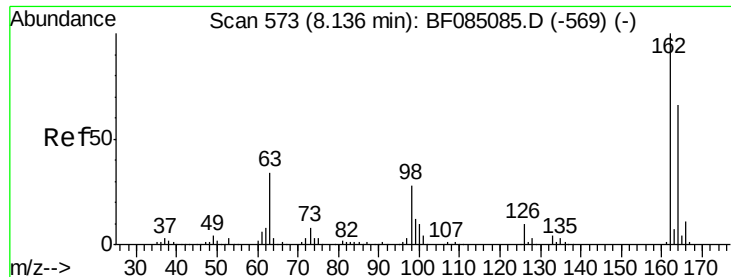


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

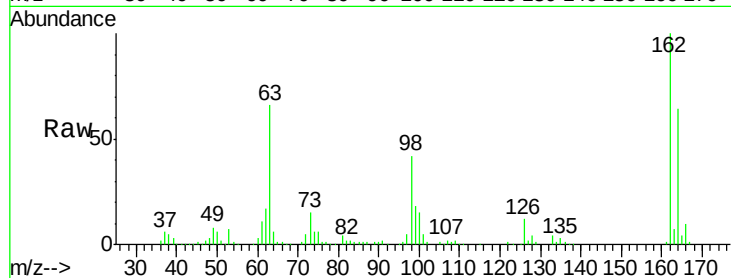




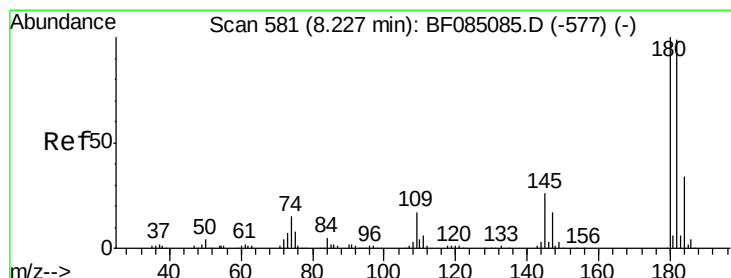
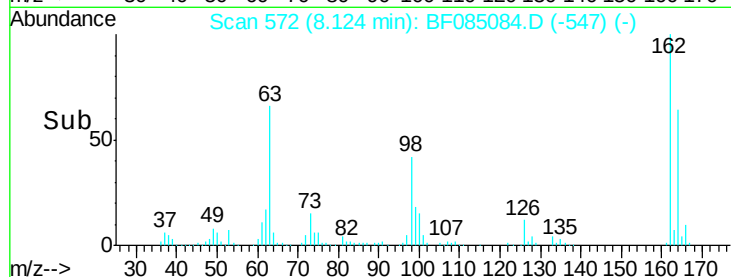
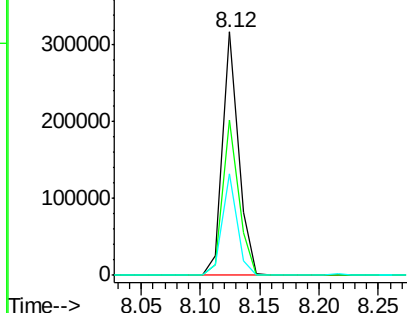
#29
 2,4-Dichlorophenol
 Concen: 26.68 ng
 RT: 8.12 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.8	82.8
98	41.9	17.6	57.6

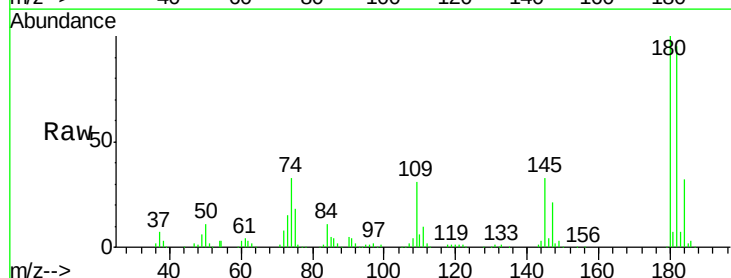


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

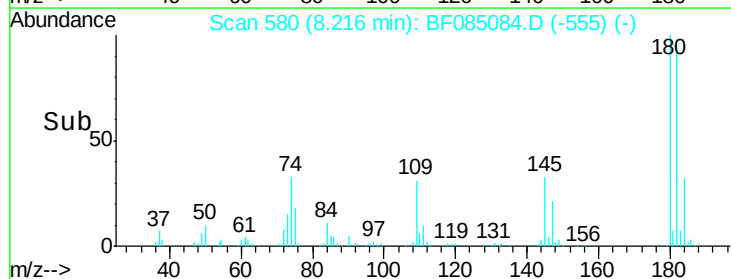
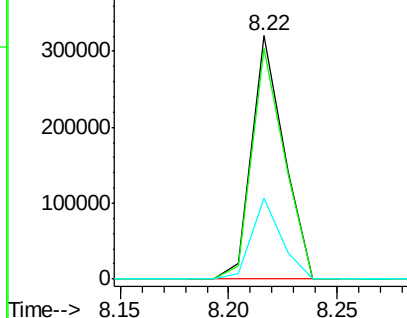


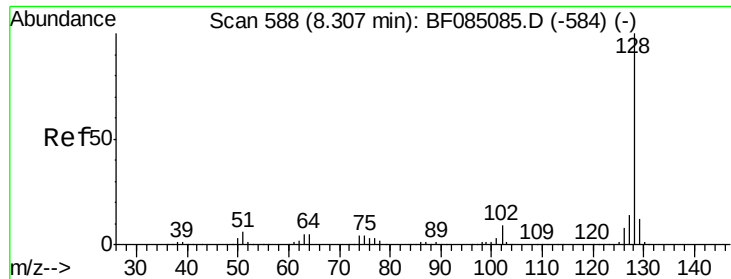
#30
 1,2,4-Trichlorobenzene
 Concen: 26.02 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	33.3	25.9	38.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

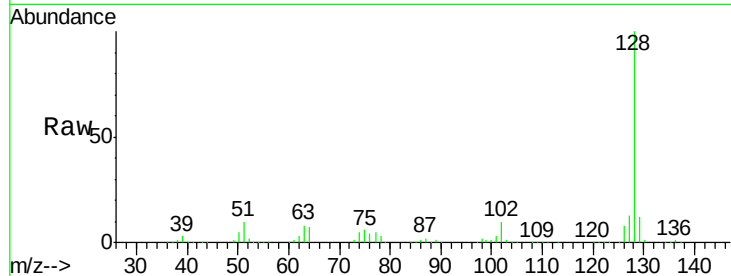




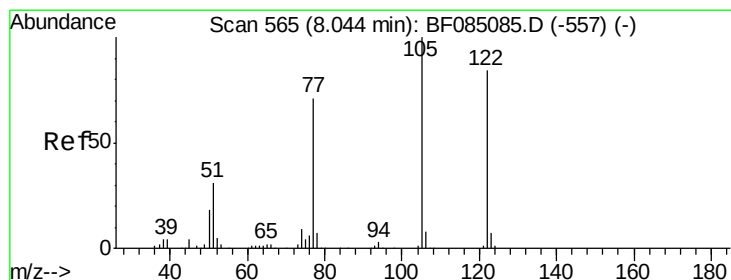
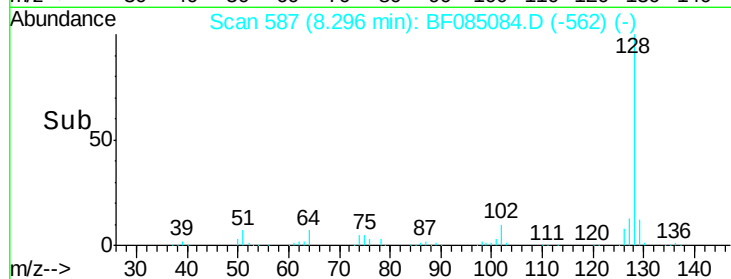
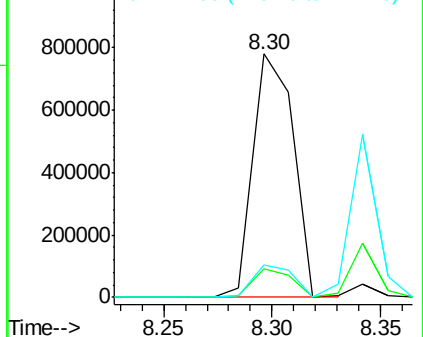
#31
Naphthalene
Concen: 24.74 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1011890
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.3 15.5

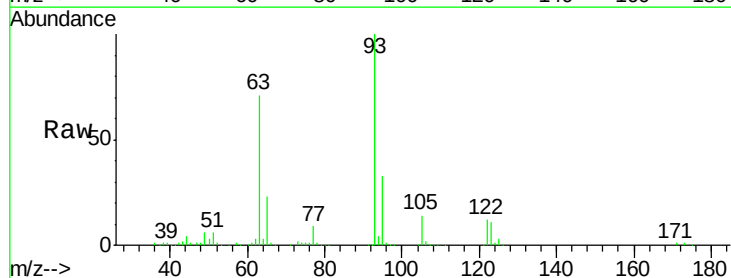


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

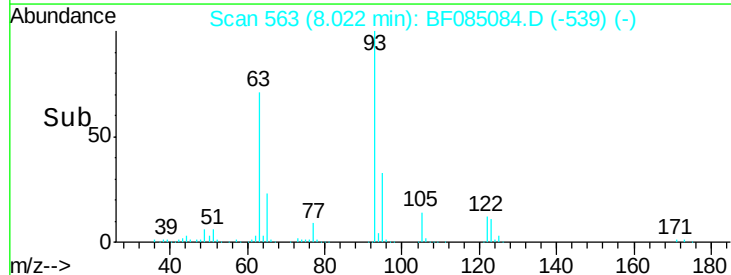
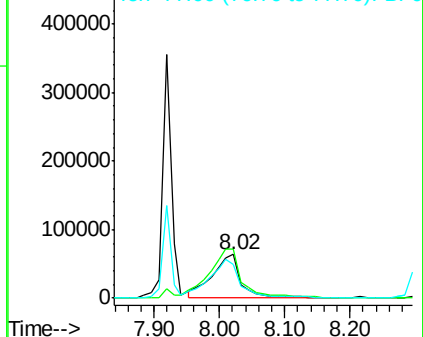


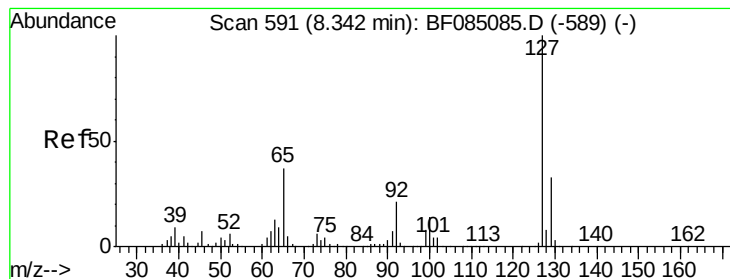
#32
Benzoic acid
Concen: 36.85 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:122 Resp: 196330
Ion Ratio Lower Upper
122 100
105 113.7 101.3 141.3
77 78.8 70.0 110.0



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: 28.08 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 435634

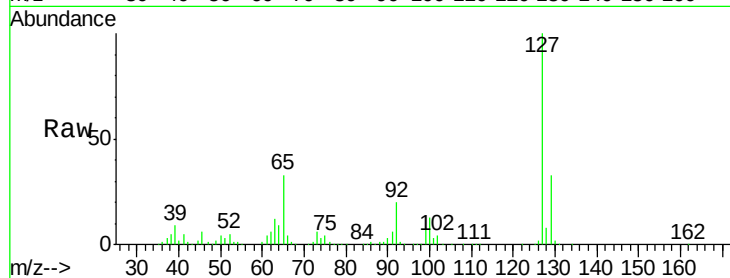
Ion Ratio Lower Upper

127 100

129 32.9 26.6 39.8

65 33.5 24.7 37.1

92 20.0 15.1 22.7

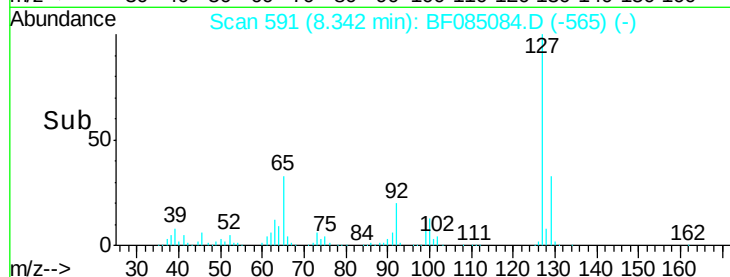


Abundance Ion 127.00 (126.70 to 127.70): E

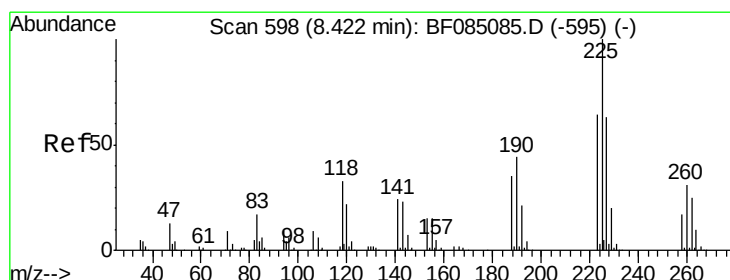
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 30.95 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

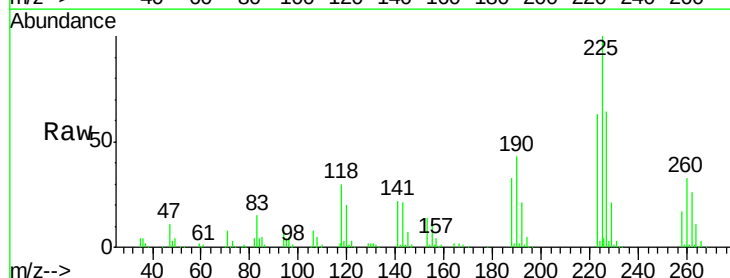
Tgt Ion:225 Resp: 219813

Ion Ratio Lower Upper

225 100

223 63.1 48.6 73.0

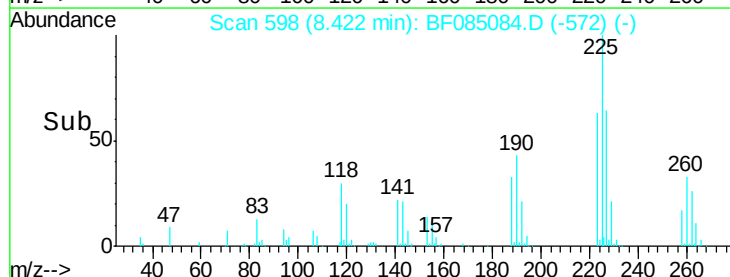
227 63.7 48.9 73.3



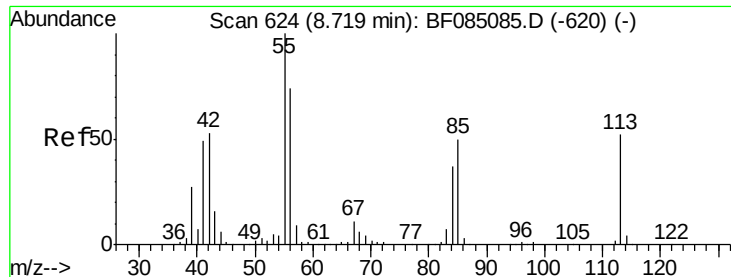
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



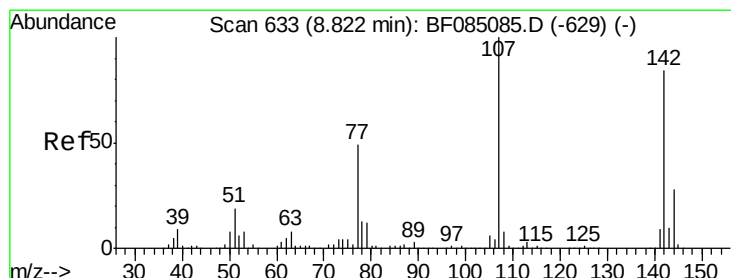
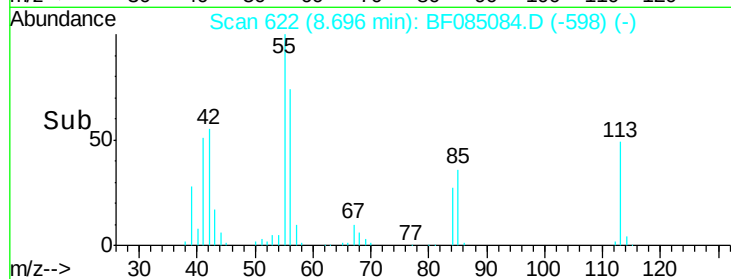
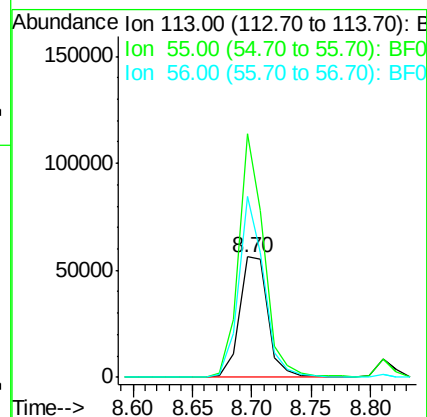
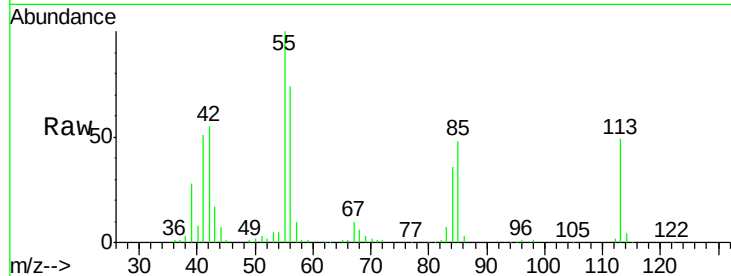
Time-->



#35
 Caprolactam
 Concen: 31.97 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

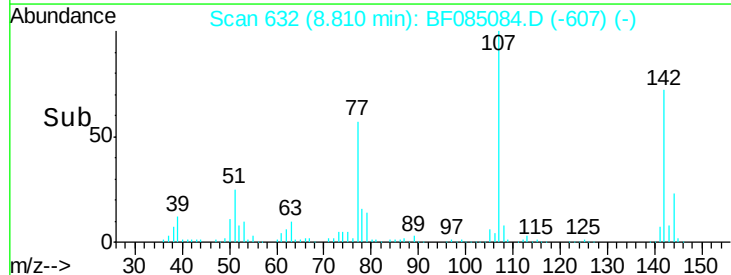
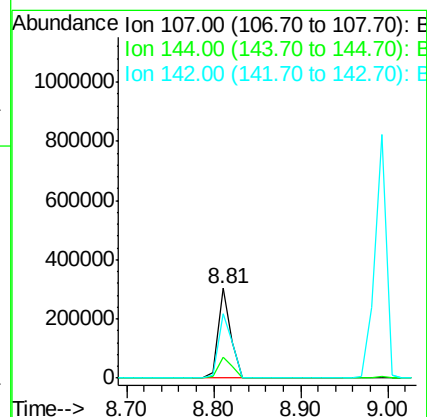
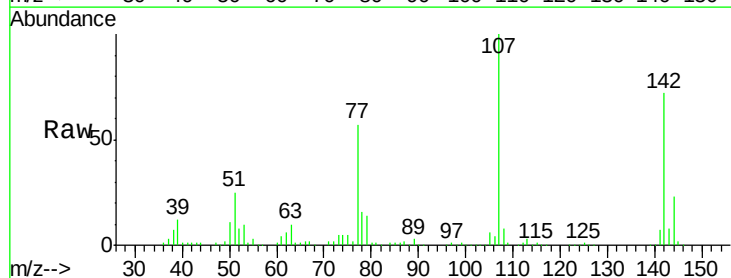
Instrument :
 BNA_F
 ClientSampleId :

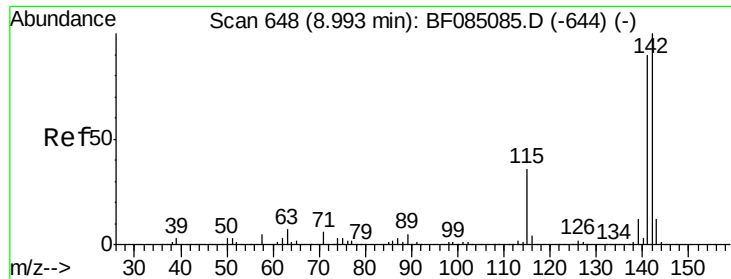
Tot Ion:113 Resp: 94555
 Ion Ratio Lower Upper
 113 100
 55 202.1 173.1 213.1
 56 150.1 132.9 172.9



#36
 4-Chloro-3-methylphenol
 Concen: 24.87 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion:107 Resp: 310234
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.2 28.8
 142 72.0 60.6 91.0

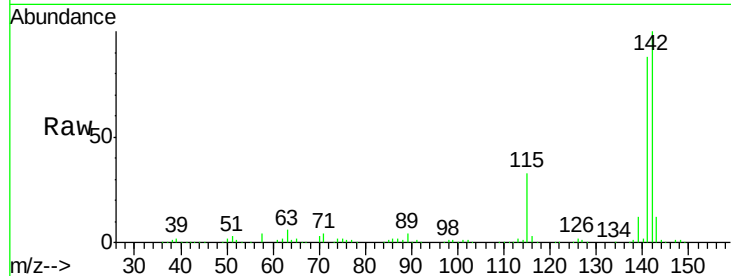




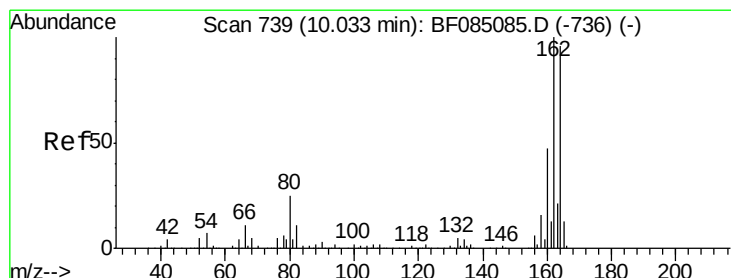
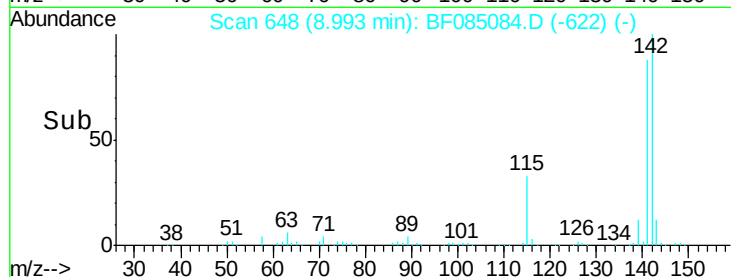
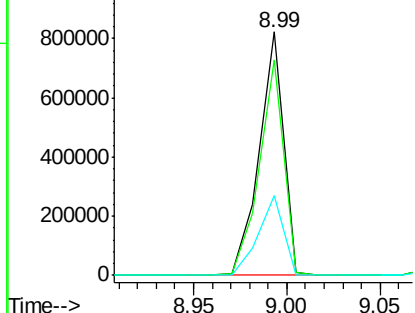
#37
2-Methylnaphthalene
Concen: 28.35 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 739697
Ion Ratio Lower Upper
142 100
141 88.5 69.6 104.4
115 32.6 27.9 41.9

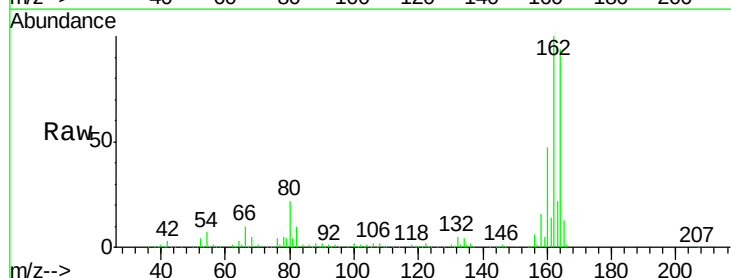


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

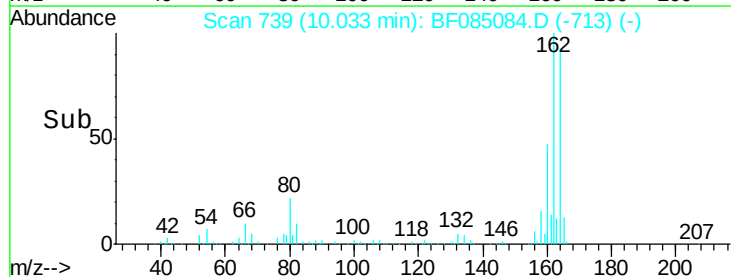
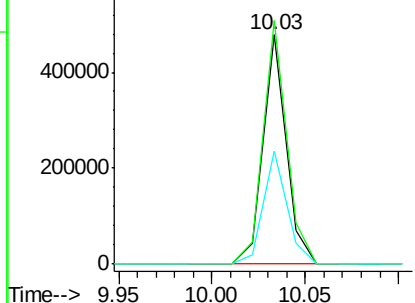


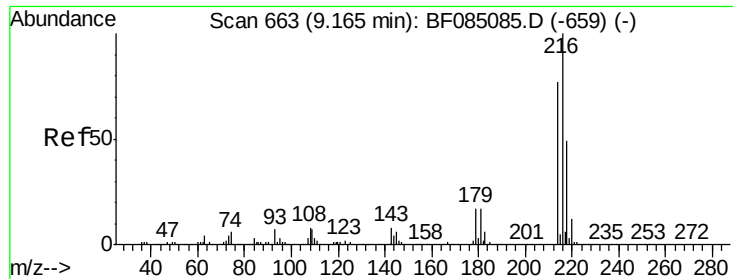
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:164 Resp: 407494
Ion Ratio Lower Upper
164 100
162 106.1 81.1 121.7
160 49.4 37.4 56.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

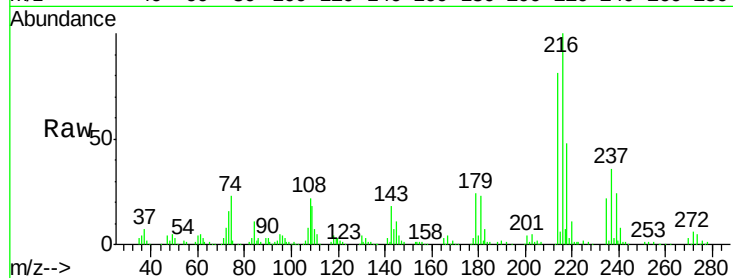




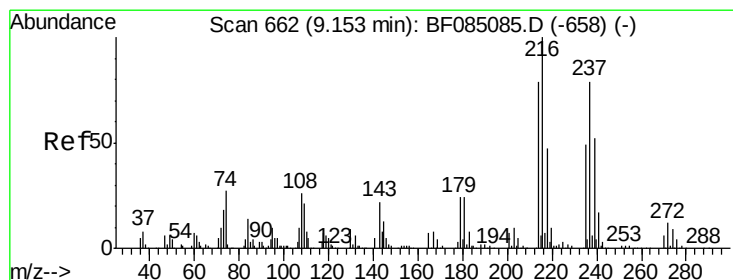
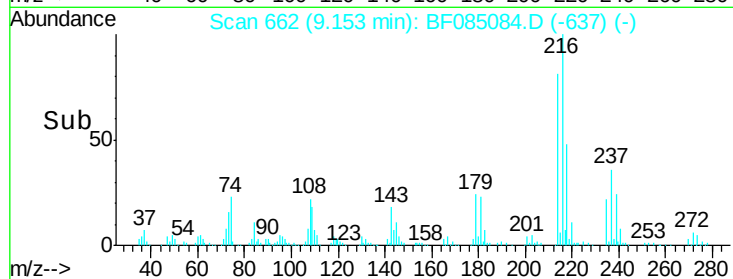
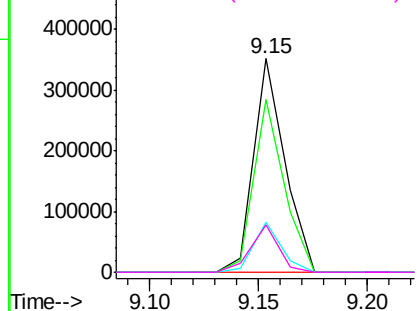
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.53 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	349328
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.2	93.2
179	21.4	18.1	27.1
108	20.3	15.7	23.5

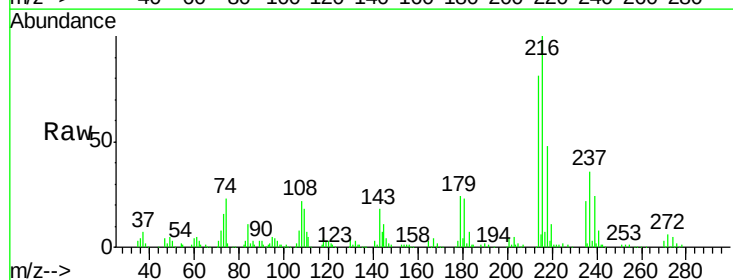


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

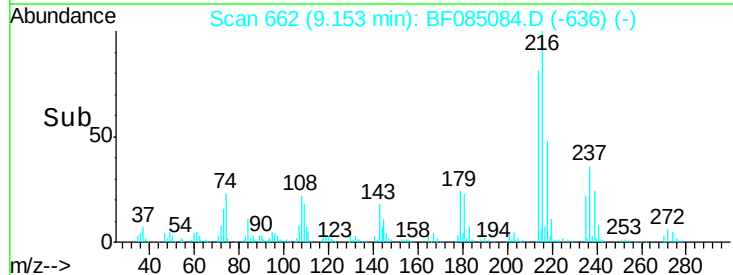
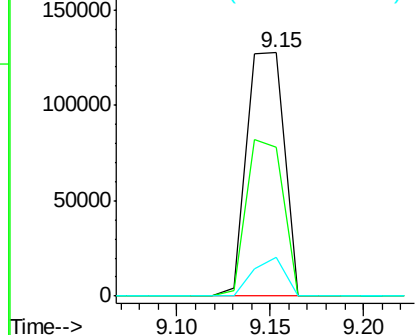


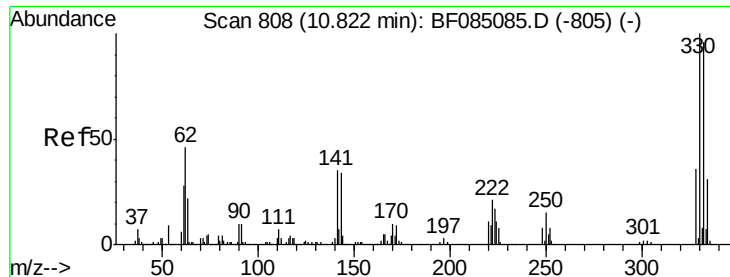
#40
 Hexachlorocyclopentadiene
 Concen: 40.52 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion:	237	Resp:	177438
Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.8	84.8
272	16.0	0.0	31.8



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

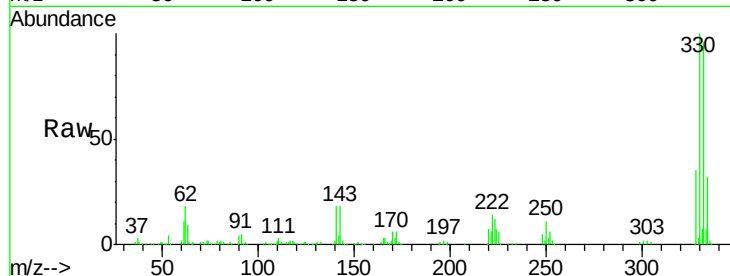




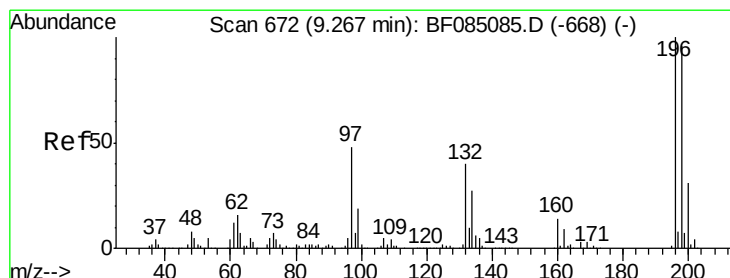
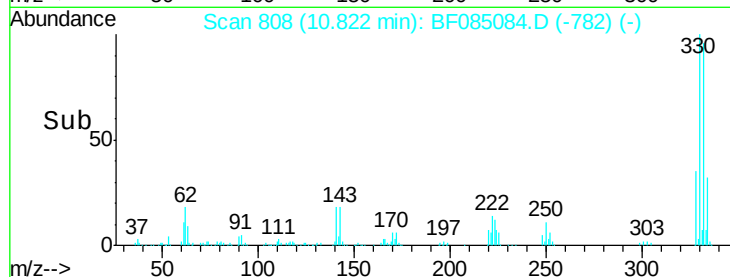
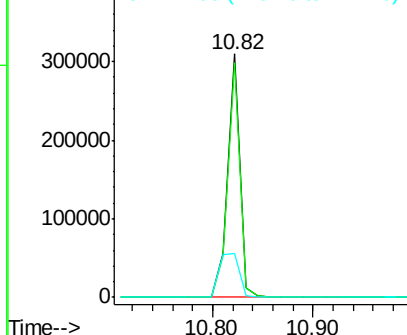
#41
 2,4,6-Tribromophenol
 Concen: 62.32 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.5	117.7
141	30.1	28.6	42.8

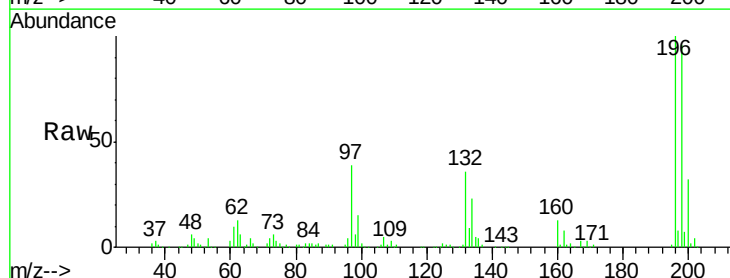


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

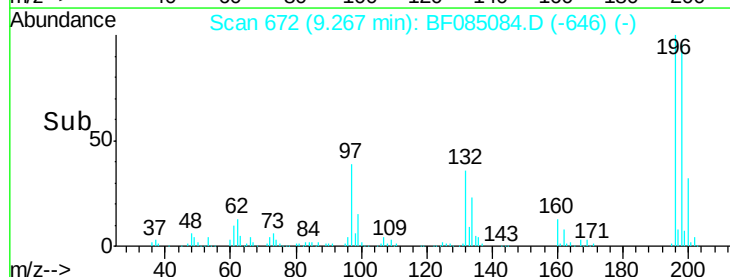
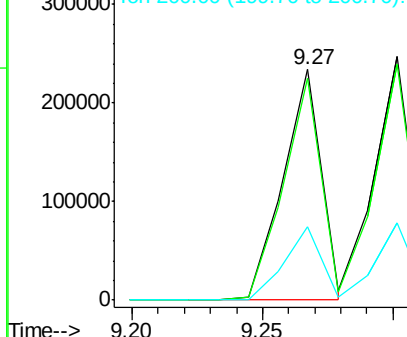


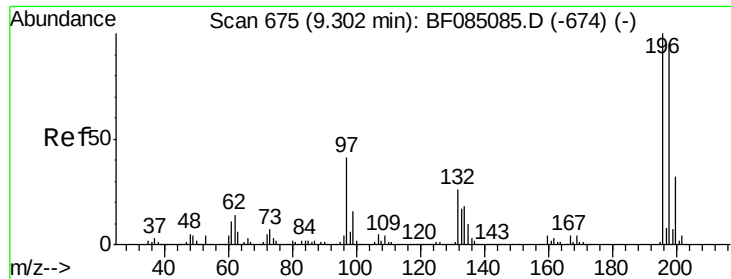
#42
 2,4,6-Trichlorophenol
 Concen: 32.77 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	81.0	121.6
200	31.7	26.3	39.5



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

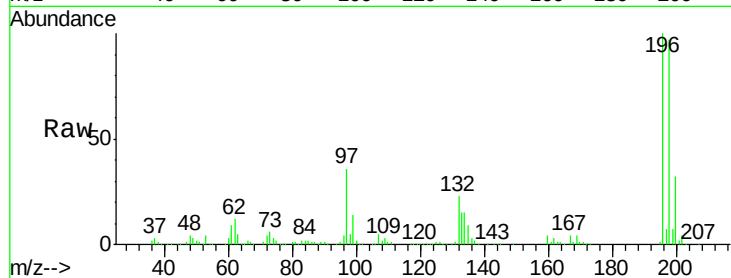




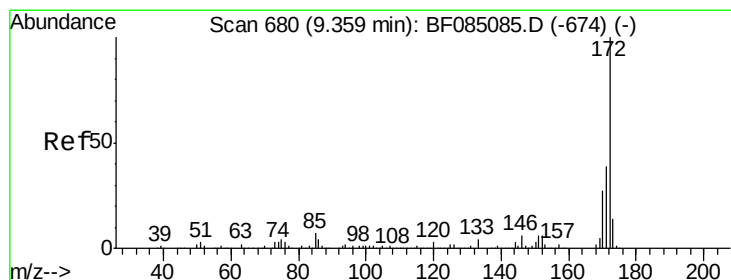
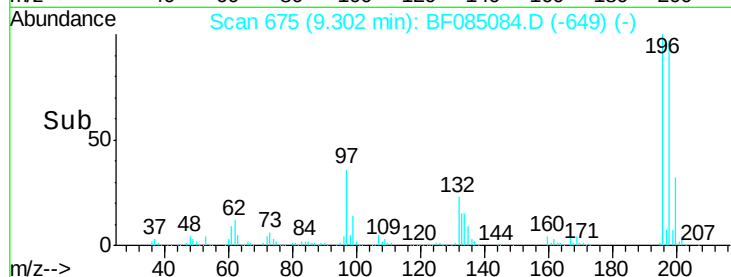
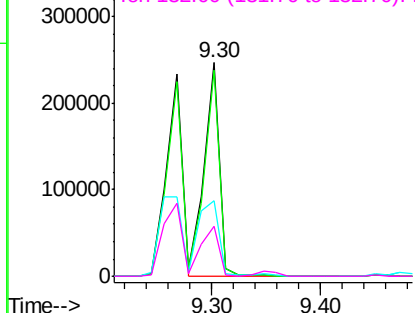
#43
 2,4,5-Trichlorophenol
 Concen: 28.60 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 241591
 Ion Ratio Lower Upper
 196 100
 198 96.8 79.7 119.5
 97 35.6 47.0 70.4#
 132 23.3 26.4 39.6#

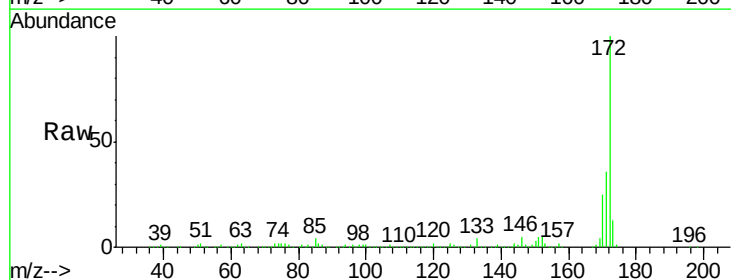


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

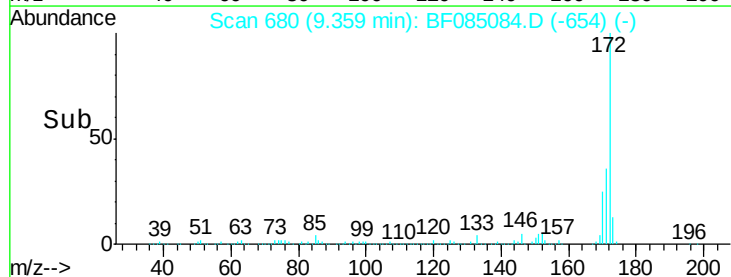
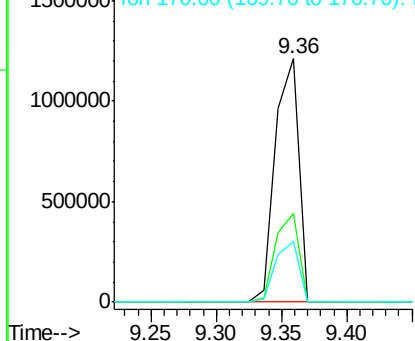


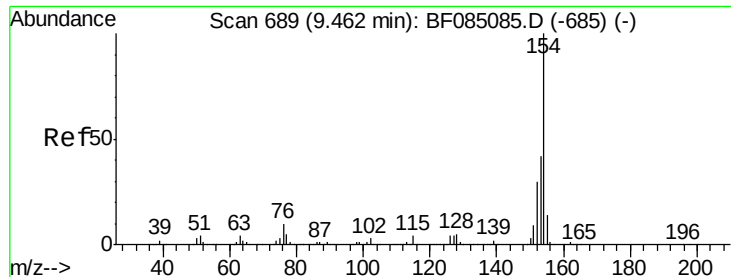
#44
 2-Fluorobiphenyl
 Concen: 53.80 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion:172 Resp: 1533600
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.1 43.7
 170 24.9 19.6 29.4



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: 23.82 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

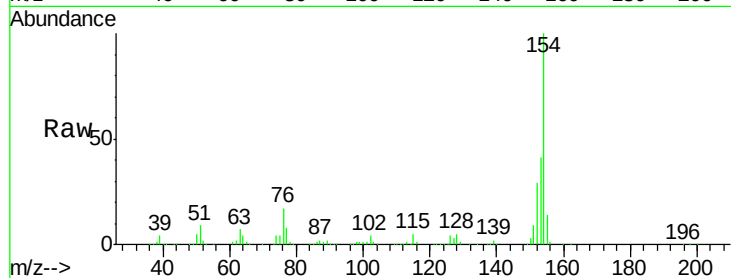
Tot Ion:154 Resp: 883036

Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

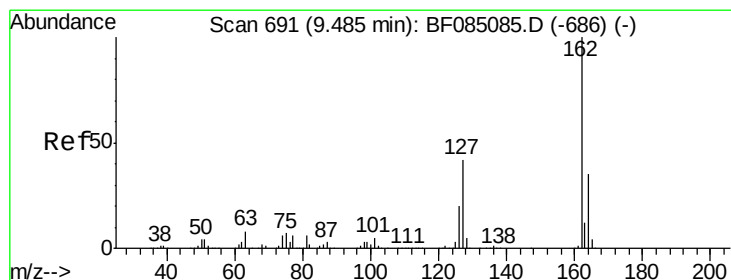
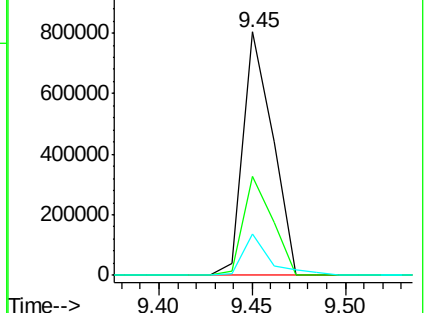
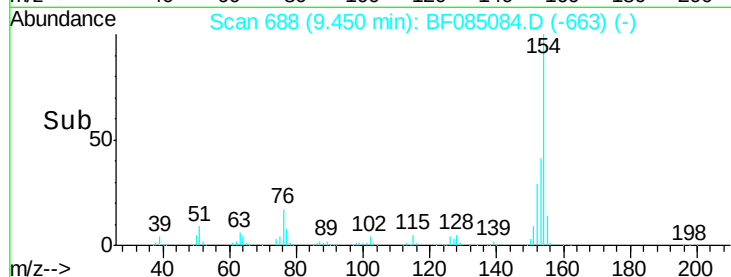
76 17.0 0.0 31.6



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: 25.78 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

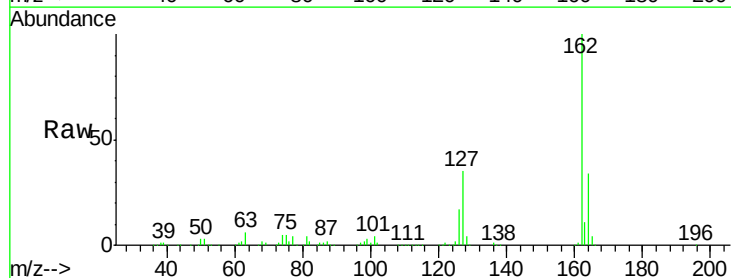
Tgt Ion:162 Resp: 677217

Ion Ratio Lower Upper

162 100

127 35.1 34.8 52.2

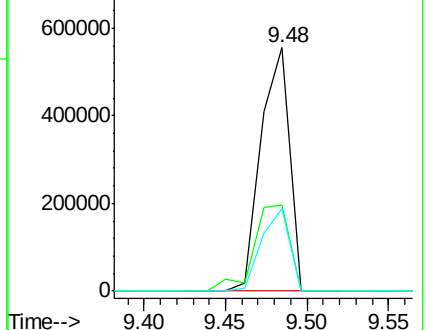
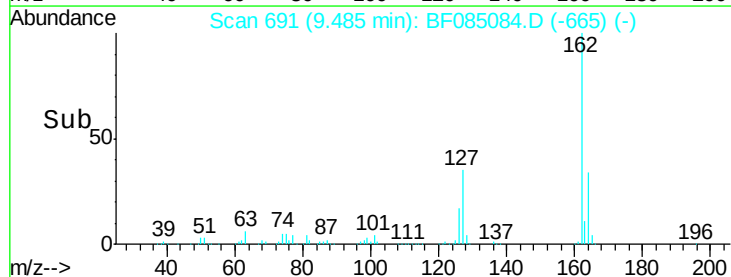
164 33.9 25.8 38.6

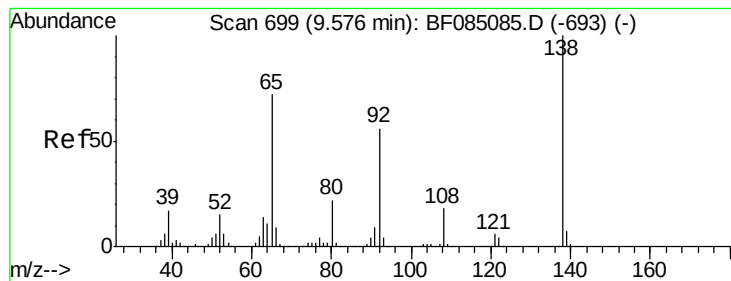


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 18.63 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

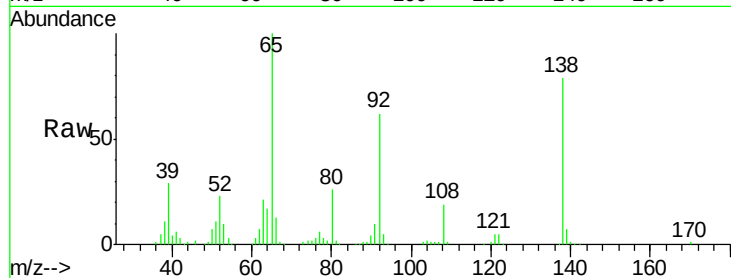
Tot Ion: 65 Resp: 151027

Ion Ratio Lower Upper

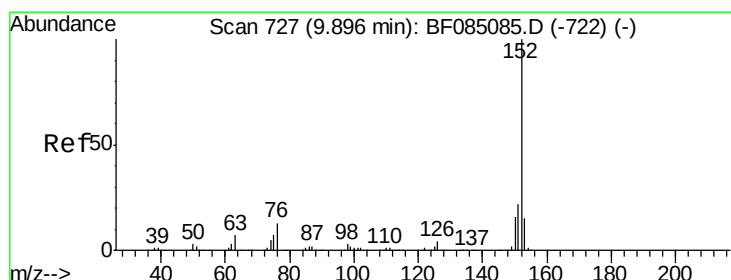
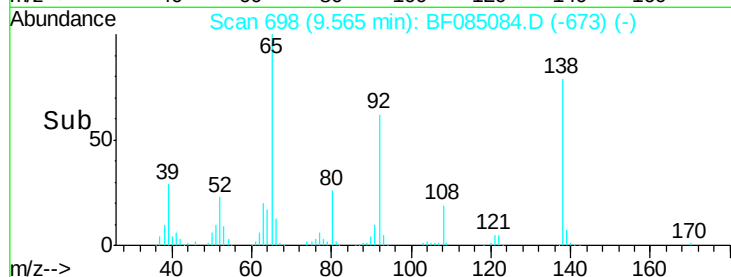
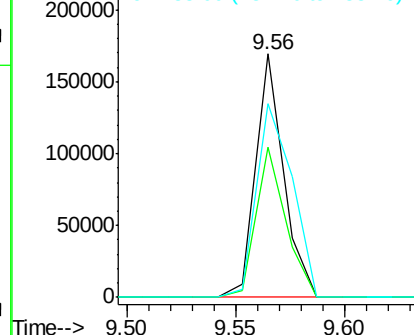
65 100

92 61.8 57.1 85.7

138 79.5 86.8 130.2#



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



#48

Acenaphthylene

Concen: 28.11 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

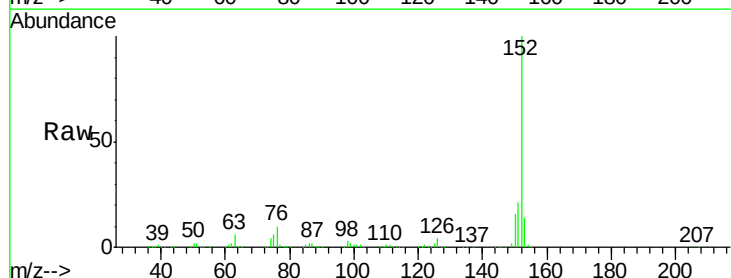
Tgt Ion:152 Resp: 1172206

Ion Ratio Lower Upper

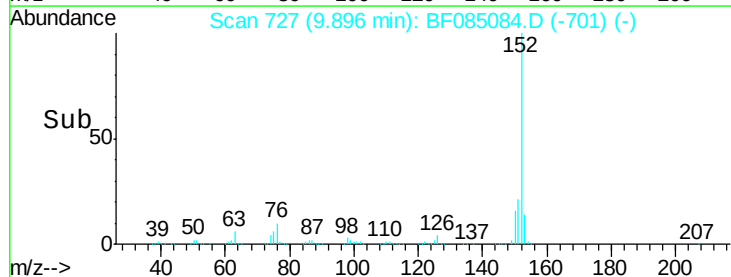
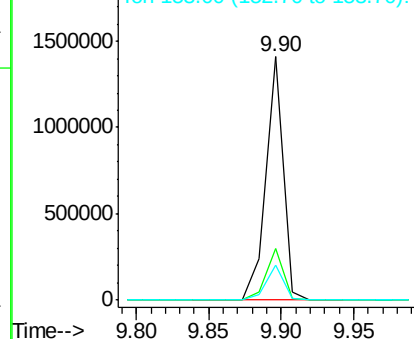
152 100

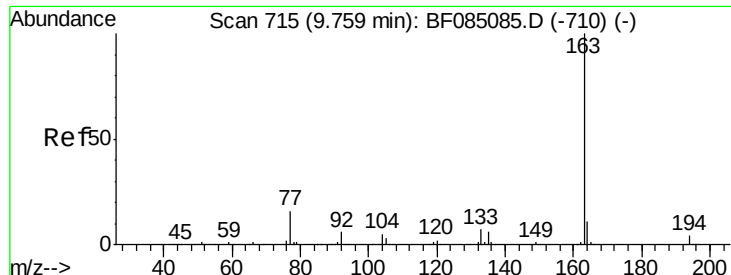
151 21.1 16.0 24.0

153 14.4 11.1 16.7



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

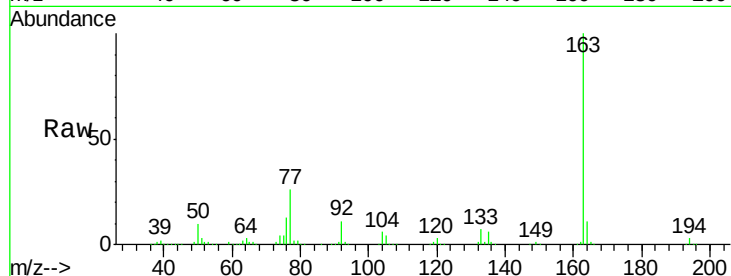




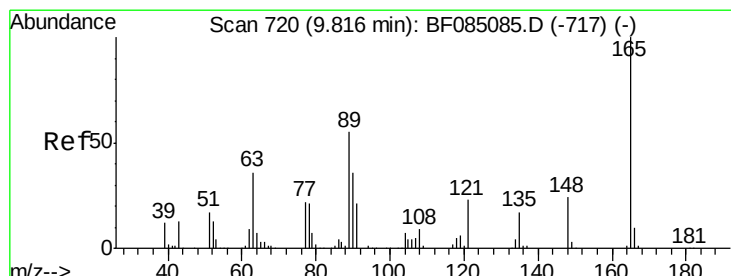
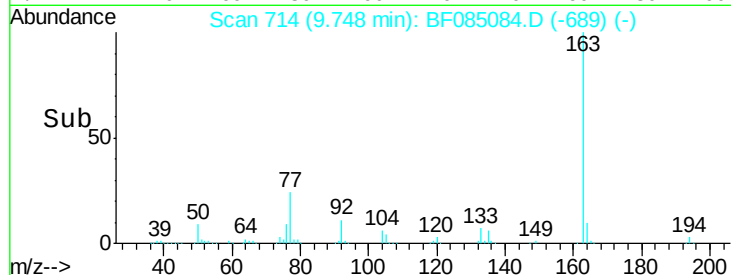
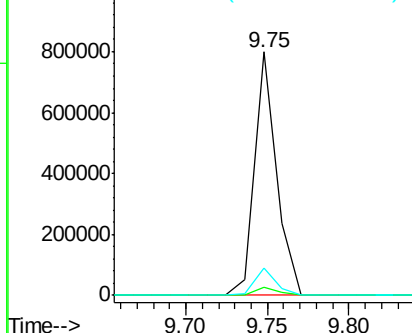
#49
Dimethylphthalate
Concen: 24.52 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 749139
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 11.0 7.8 11.8

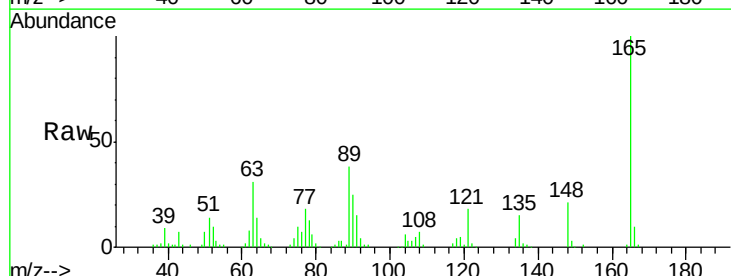


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

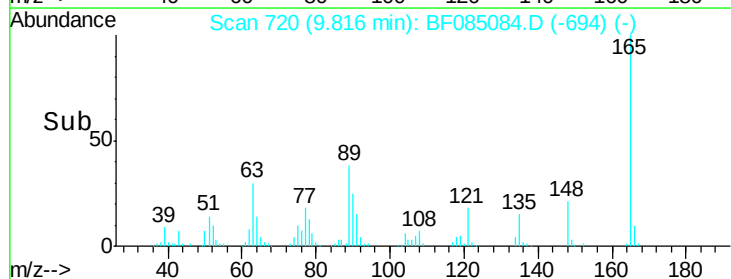
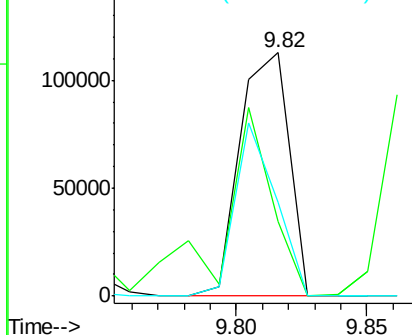


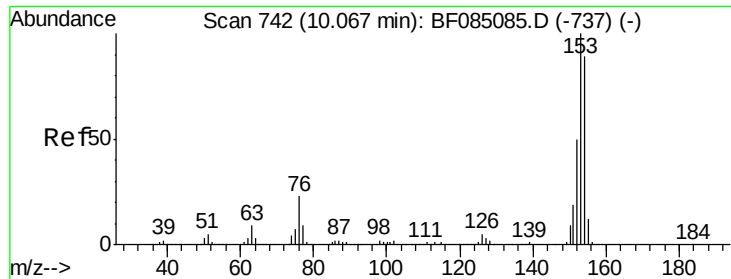
#50
2,6-Dinitrotoluene
Concen: 23.78 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:165 Resp: 149057
Ion Ratio Lower Upper
165 100
63 30.7 47.5 71.3#
89 38.3 42.9 64.3#



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





#51

Acenaphthene

Concen: 27.53 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

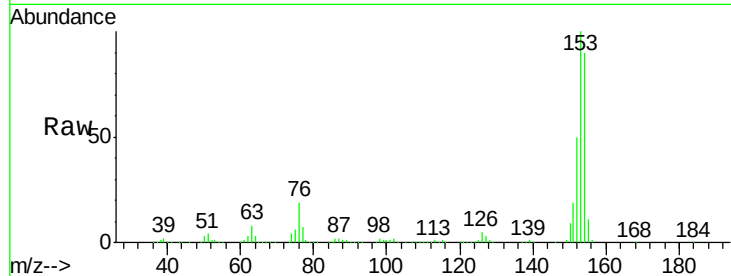
Tot Ion:154 Resp: 694050

Ion Ratio Lower Upper

154 100

153 111.6 89.5 134.3

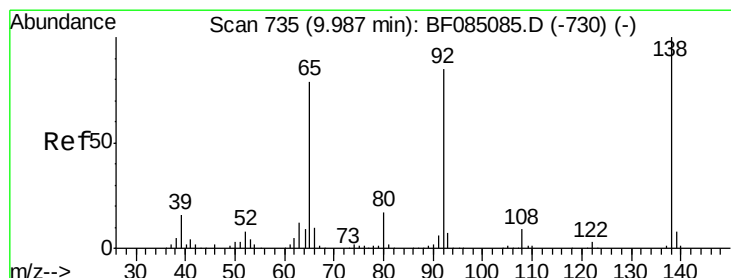
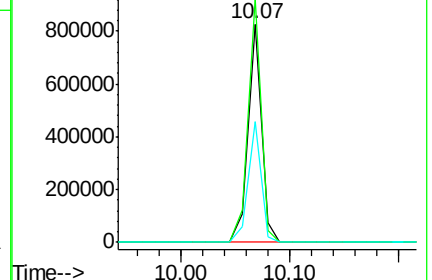
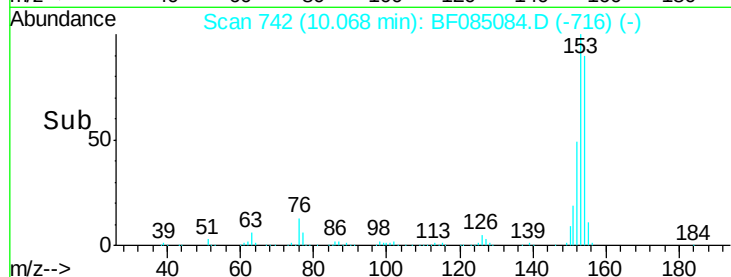
152 55.6 40.7 61.1



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: 23.60 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

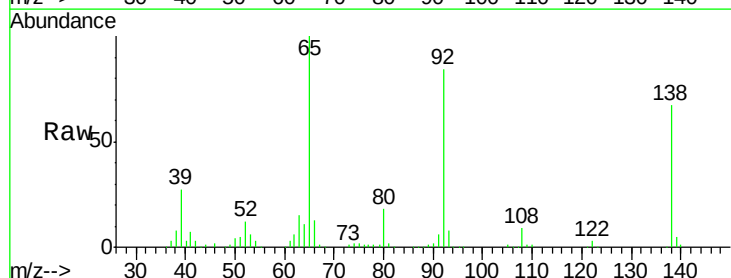
Tgt Ion:138 Resp: 164357

Ion Ratio Lower Upper

138 100

108 12.7 9.1 13.7

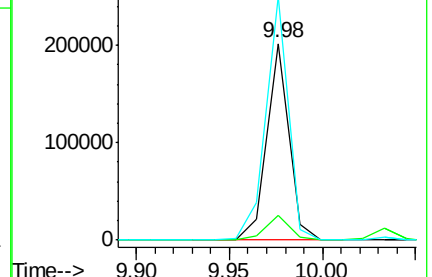
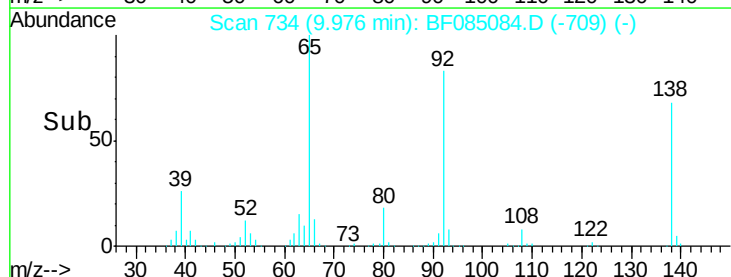
92 124.0 88.9 133.3

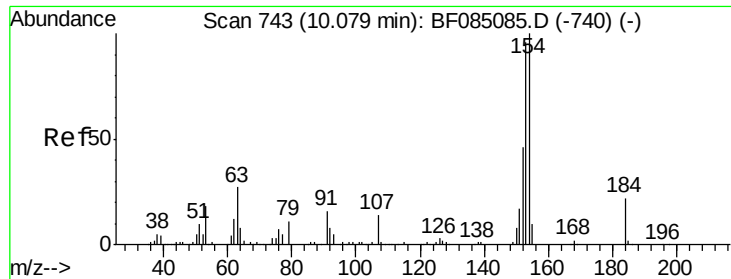


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

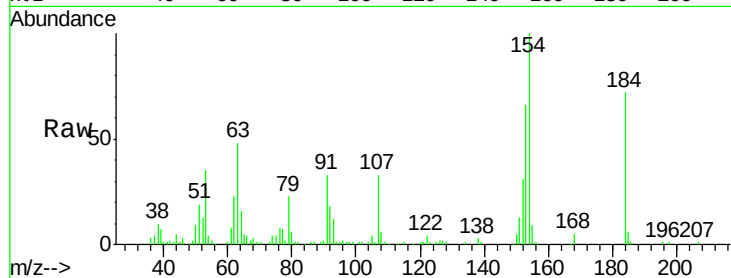




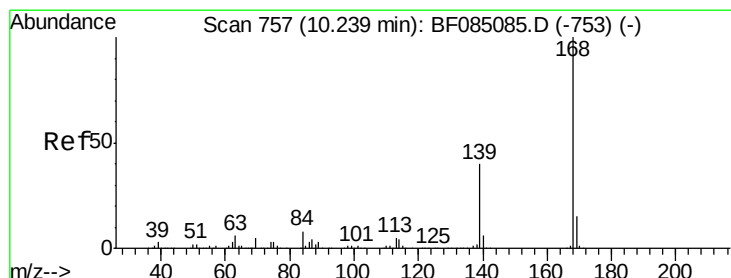
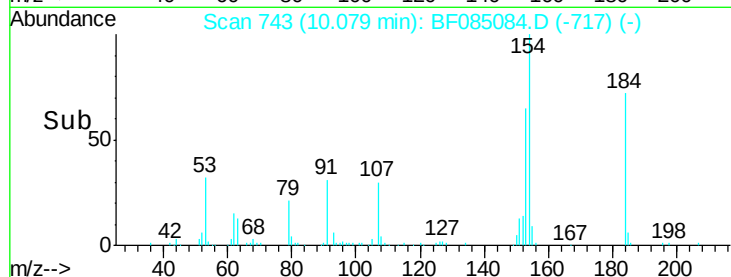
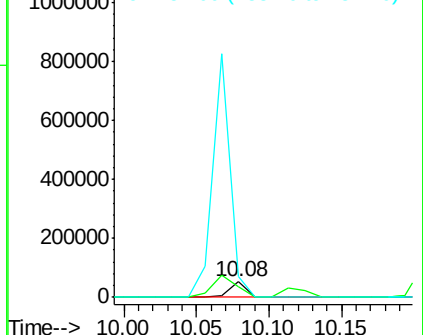
#53
2,4-Dinitrophenol
Concen: 20.04 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 41594
Ion Ratio Lower Upper
184 100
63 67.2 60.6 90.8
154 138.7 70.2 105.2#

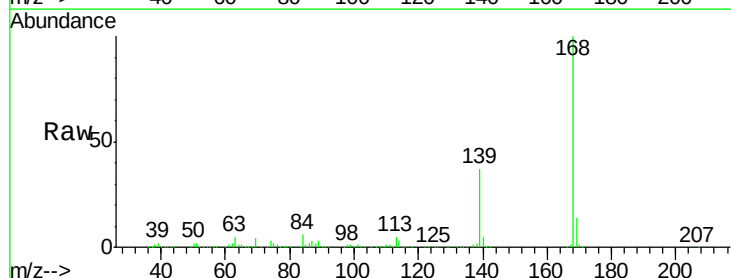


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

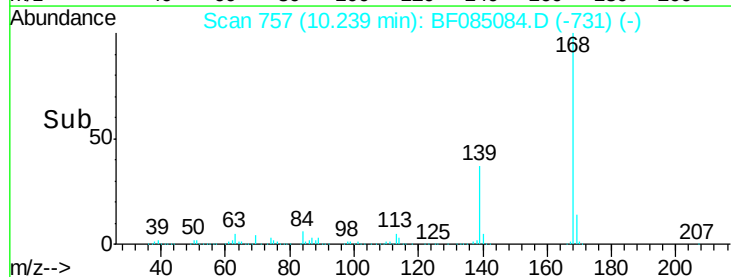
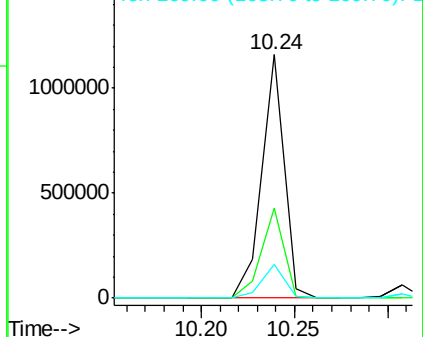


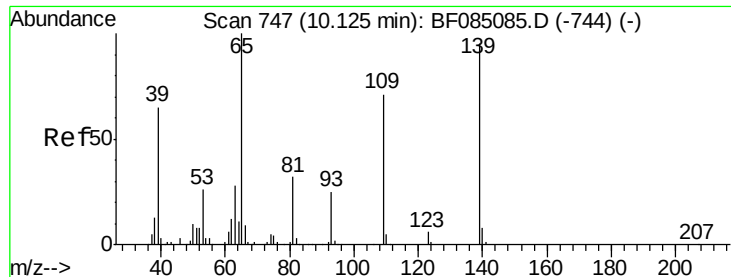
#54
Dibenzofuran
Concen: 28.30 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:168 Resp: 954378
Ion Ratio Lower Upper
168 100
139 37.2 33.0 49.4
169 14.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 32.45 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

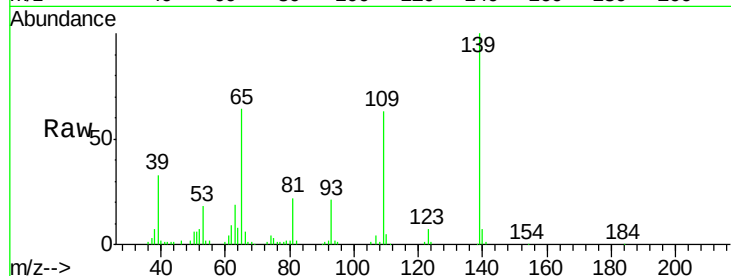
Tot Ion:139 Resp: 144993

Ion Ratio Lower Upper

139 100

109 62.7 48.7 88.7

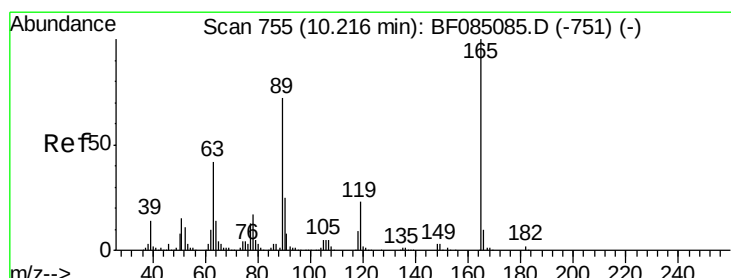
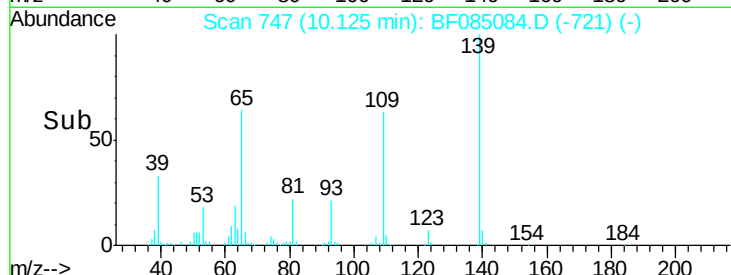
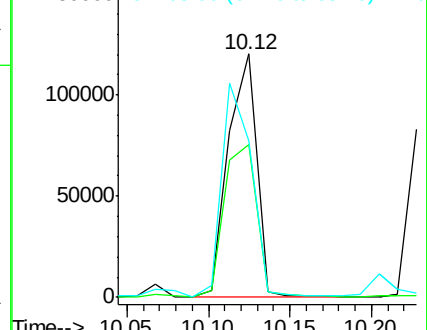
65 64.3 78.8 118.8#



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: 21.42 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Tgt Ion:165 Resp: 182868

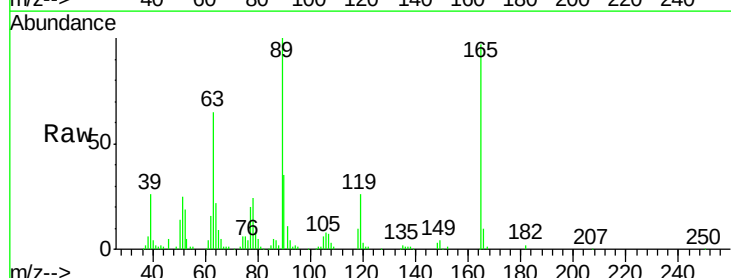
Ion Ratio Lower Upper

165 100

63 67.3 36.6 55.0#

89 103.3 54.4 81.6#

182 2.0 1.6 2.4

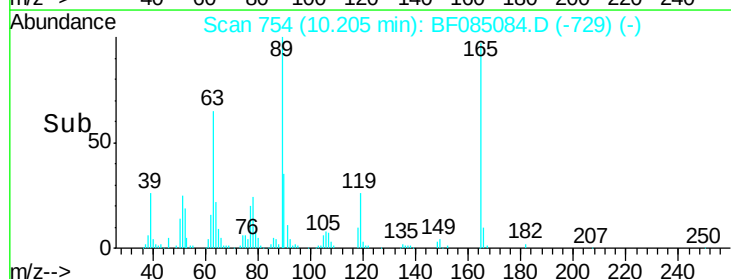
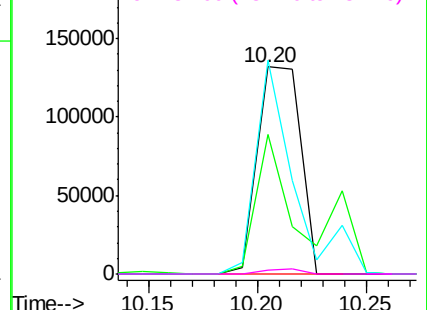


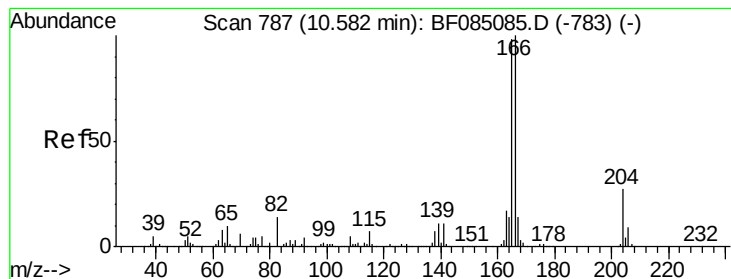
Abundance Ion 165.00 (164.70 to 165.70): E

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: 27.67 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

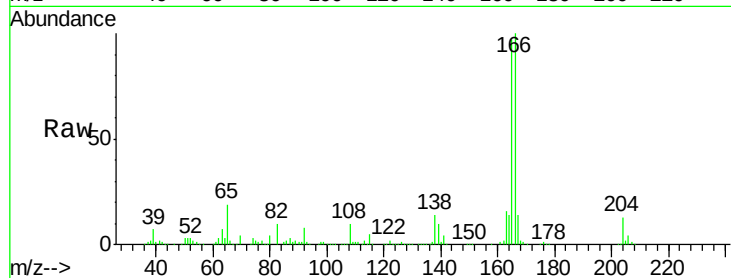
Tot Ion:166 Resp: 800300

Ion Ratio Lower Upper

166 100

165 96.9 78.9 118.3

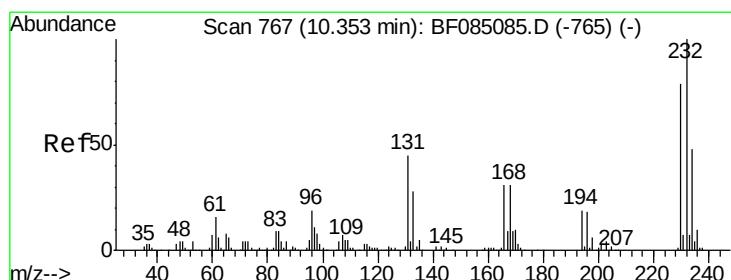
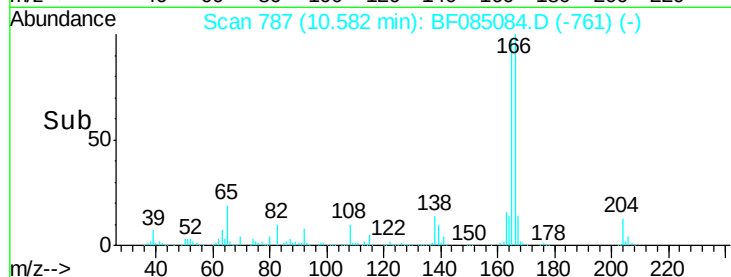
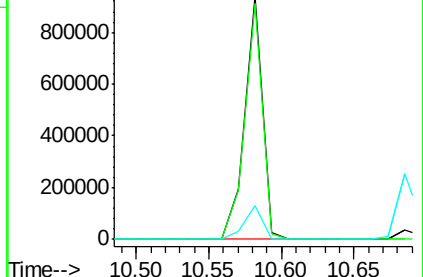
167 14.1 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.42 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Tgt Ion:232 Resp: 196589

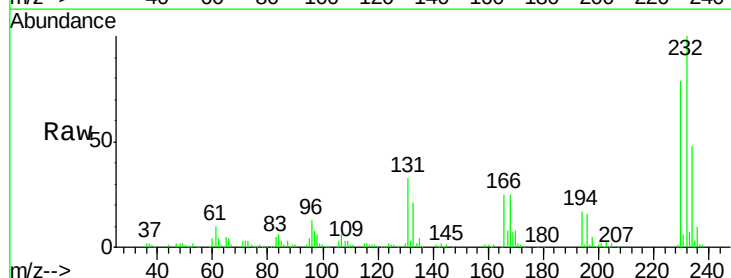
Ion Ratio Lower Upper

232 100

131 41.5 39.7 59.5

130 1.9 1.8 2.8

166 28.4 24.2 36.2

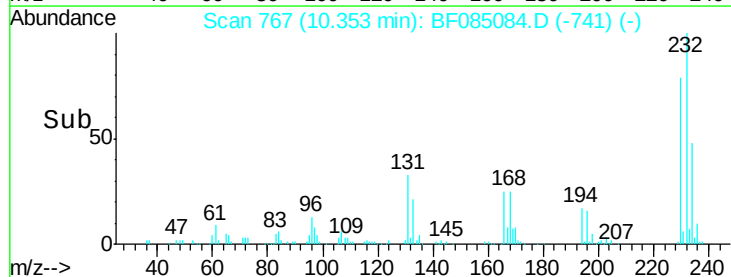
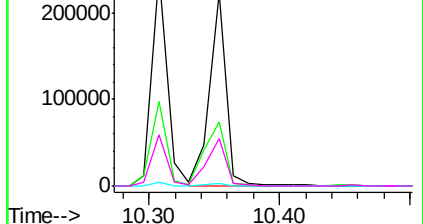


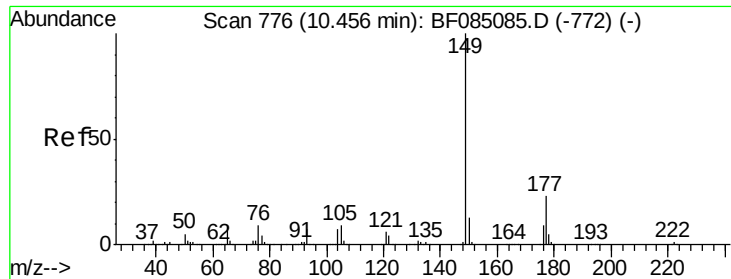
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

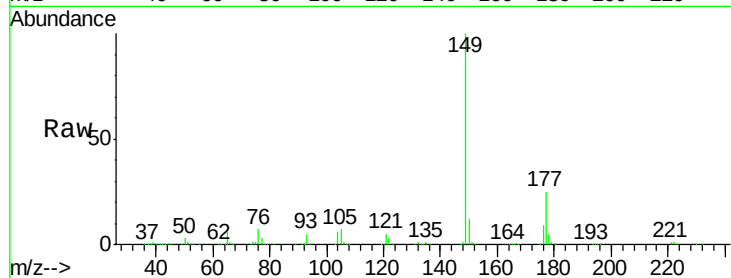




#59
Diethylphthalate
Concen: 26.59 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

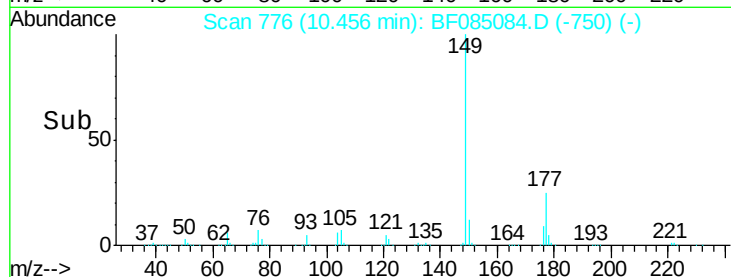
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 805164
Ion Ratio Lower Upper
149 100
177 24.5 16.4 24.6
150 12.3 10.2 15.4

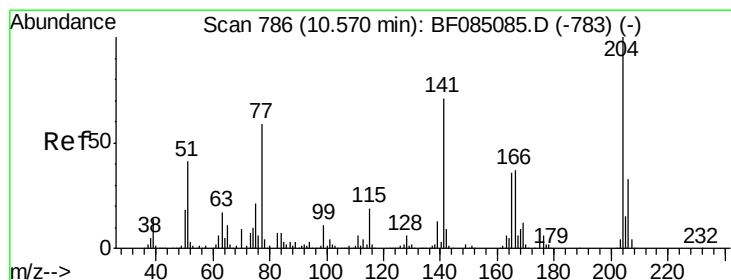


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

10.46

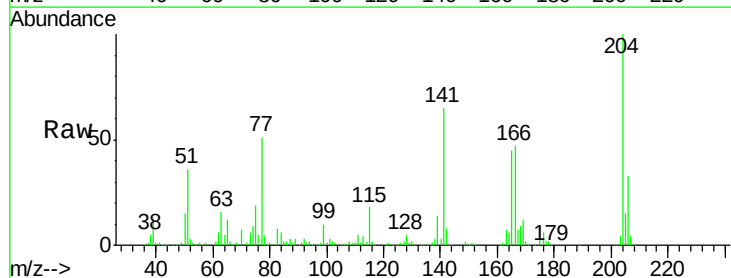


Time-->



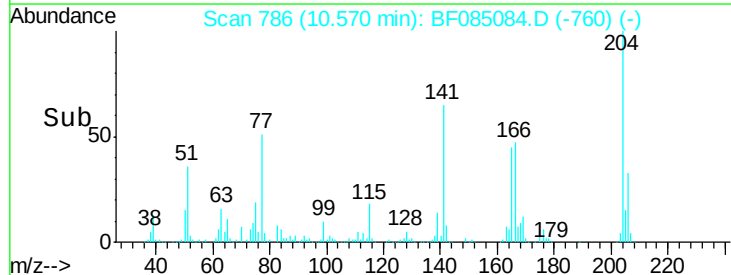
#60
4-Chlorophenyl-phenylether
Concen: 27.45 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:204 Resp: 380470
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 65.4 50.5 75.7

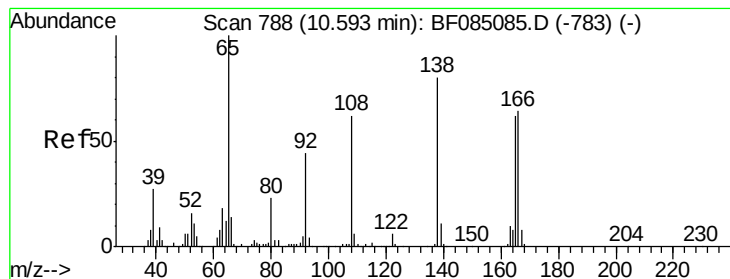


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

10.57



Time-->



#61

4-Nitroaniline

Concen: 25.04 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

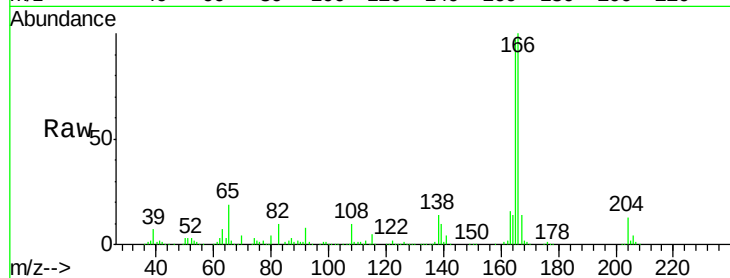
Tot Ion:138 Resp: 160233

Ion Ratio Lower Upper

138 100

92 55.6 32.6 72.6

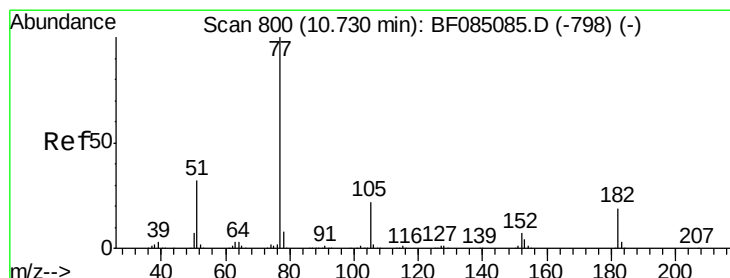
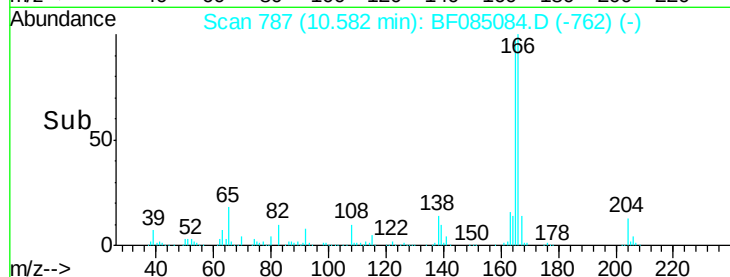
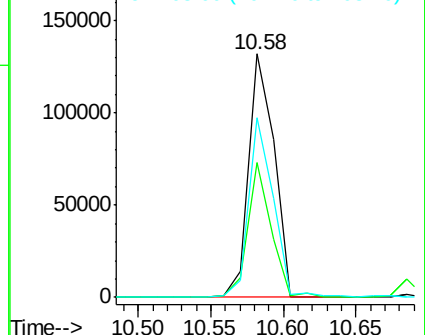
108 74.0 54.6 94.6



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: 25.01 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Tgt Ion: 77 Resp: 729382

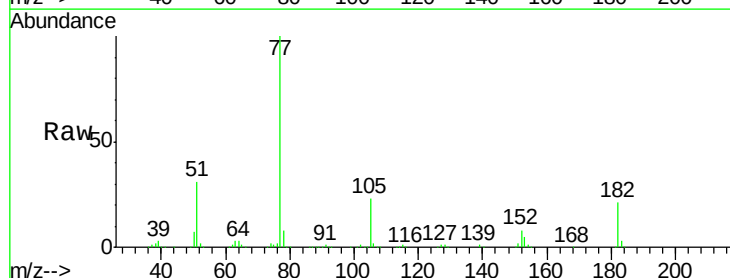
Ion Ratio Lower Upper

77 100

182 21.4 1.3 41.3

105 23.0 4.2 44.2

51 30.8 13.5 53.5

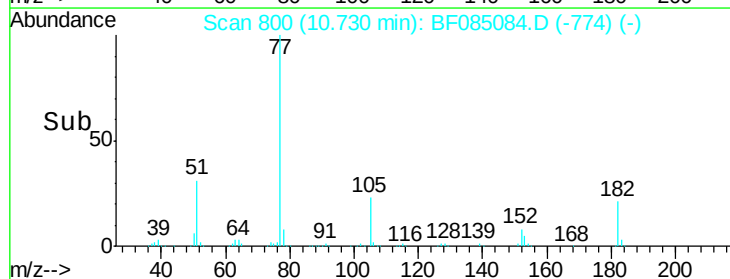
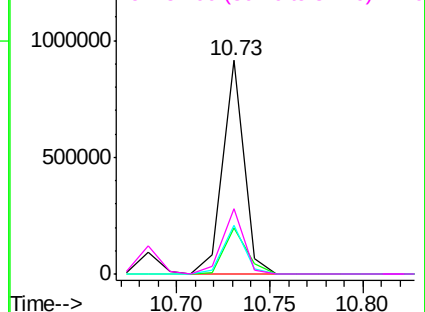


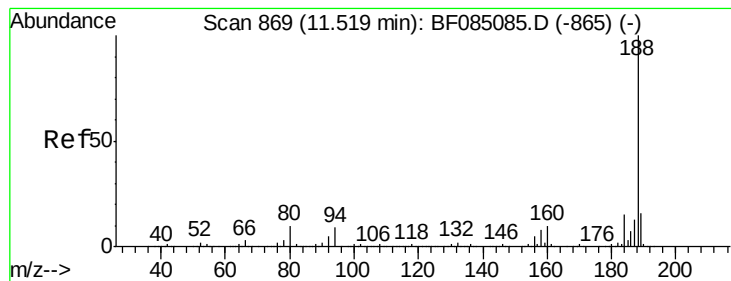
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

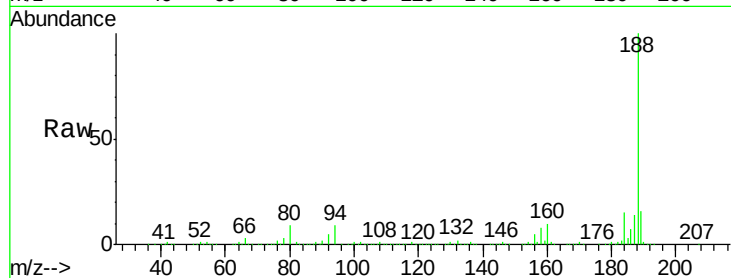
Tot Ion:188 Resp: 846939

Ion Ratio Lower Upper

188 100

94 8.5 6.2 9.2

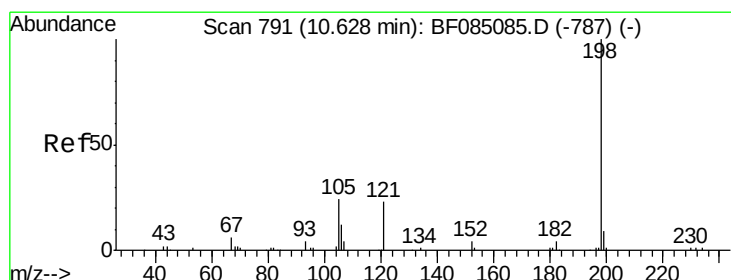
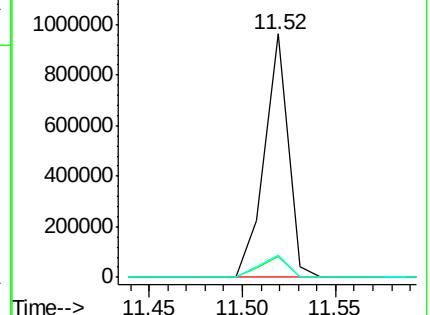
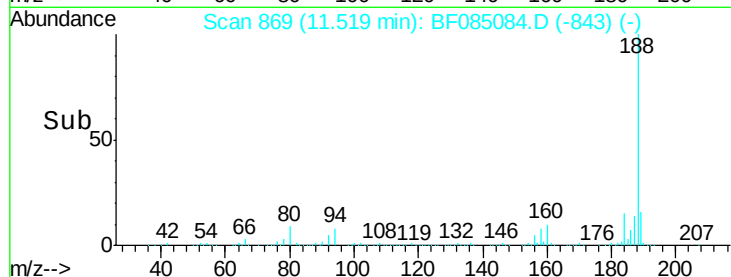
80 9.1 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 15.73 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

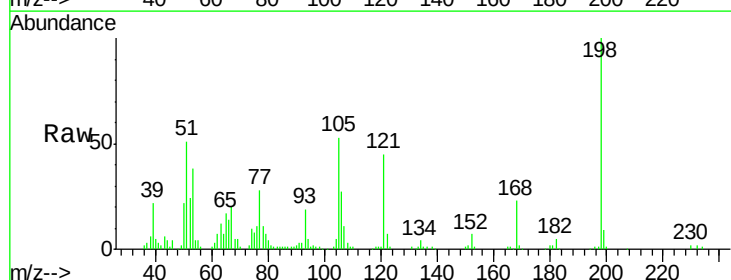
Tgt Ion:198 Resp: 70959

Ion Ratio Lower Upper

198 100

51 51.2 34.5 74.5

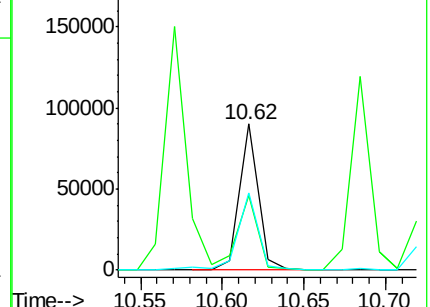
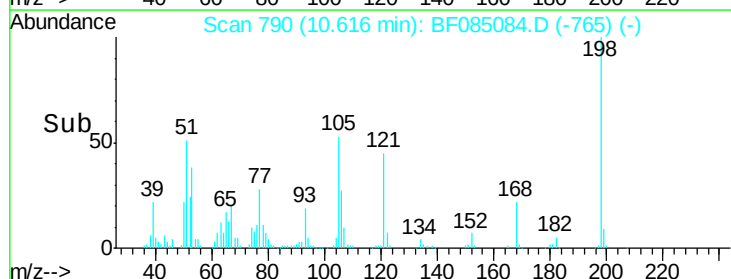
105 52.9 26.2 66.2

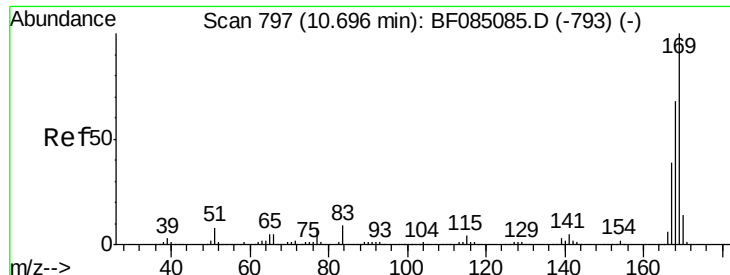


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 24.08 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampled :

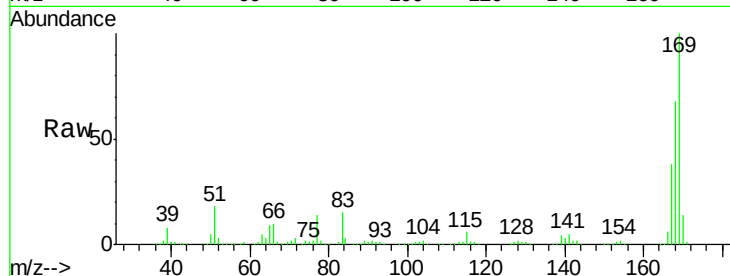
Tot Ion:169 Resp: 647668

Ion Ratio Lower Upper

169 100

168 67.5 54.8 82.2

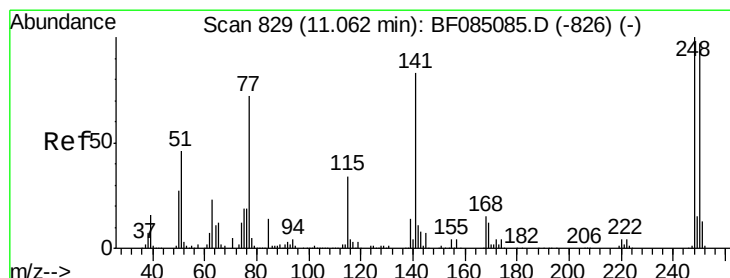
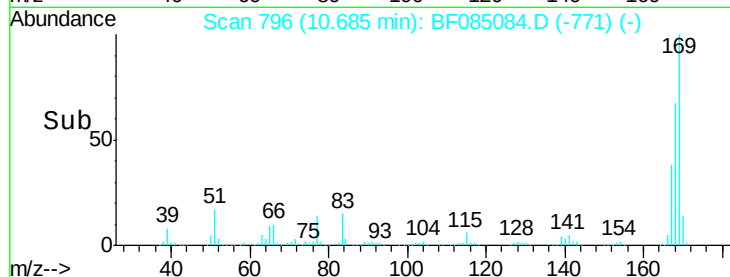
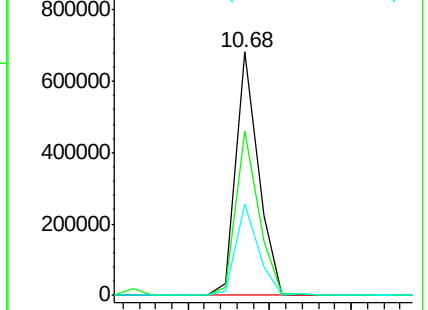
167 37.5 29.8 44.8



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: 26.64 ng

RT: 11.06 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

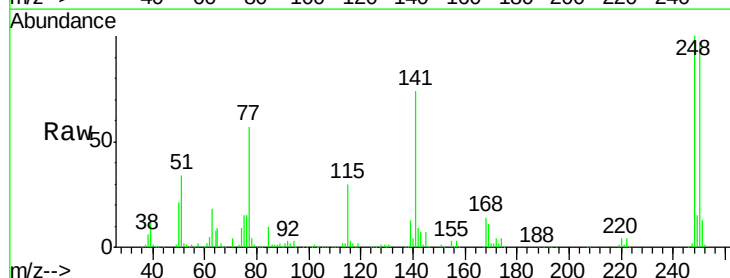
Tgt Ion:248 Resp: 251278

Ion Ratio Lower Upper

248 100

250 97.4 77.5 116.3

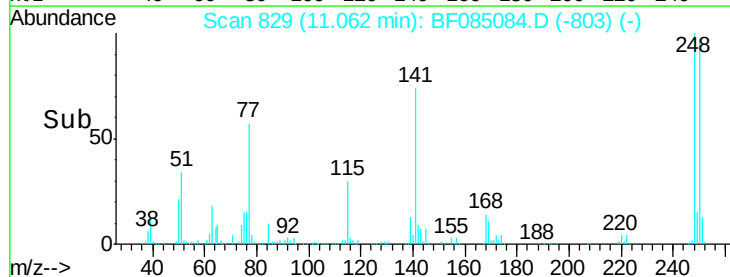
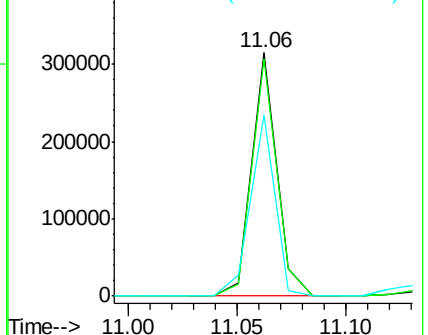
141 74.2 58.2 87.4

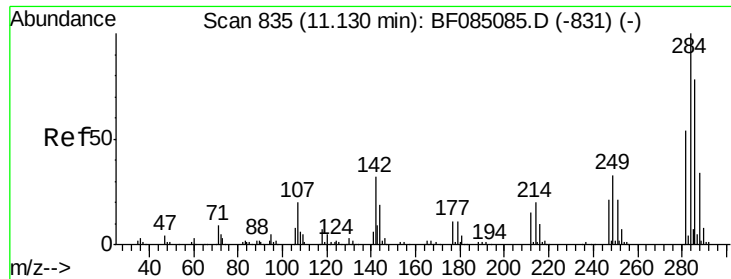


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.23 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

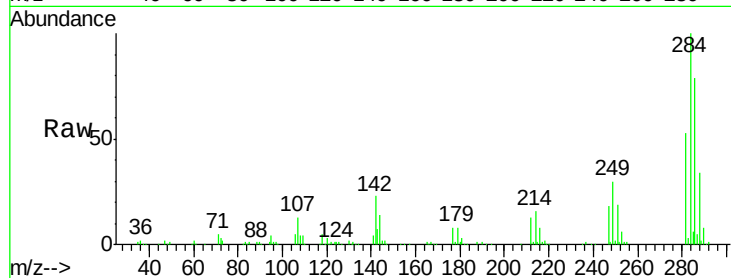
Tot Ion:284 Resp: 284700

Ion Ratio Lower Upper

284 100

142 23.2 33.5 50.3#

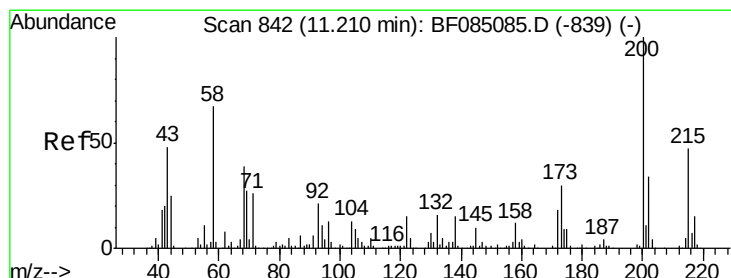
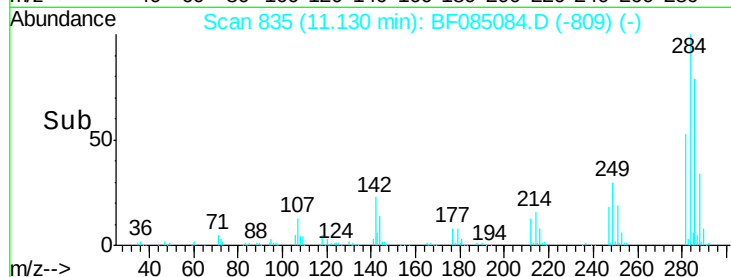
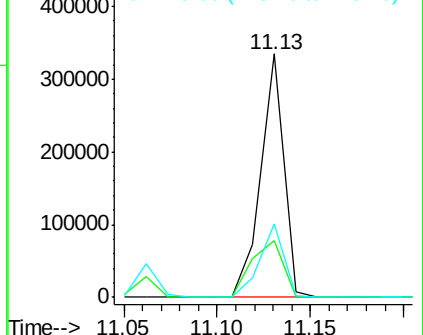
249 29.9 27.4 41.2



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: 25.78 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

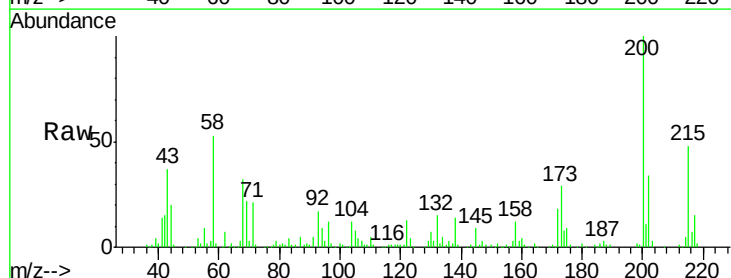
Tgt Ion:200 Resp: 200940

Ion Ratio Lower Upper

200 100

173 29.4 4.7 44.7

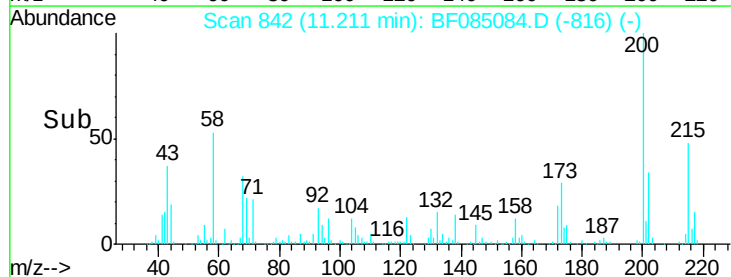
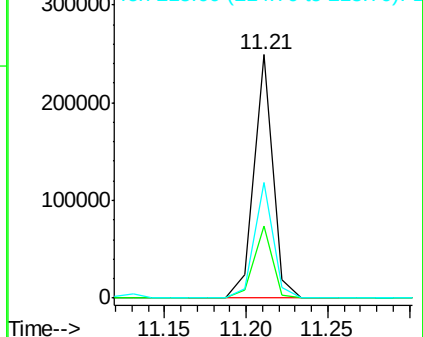
215 47.6 24.8 64.8

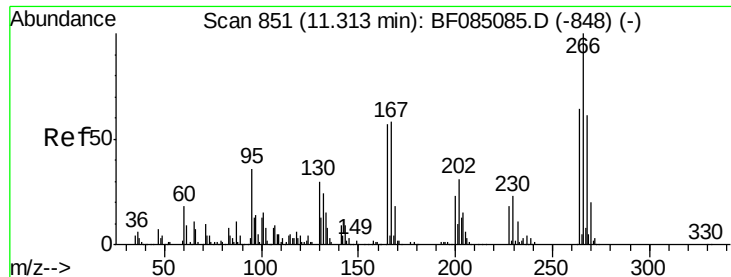


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

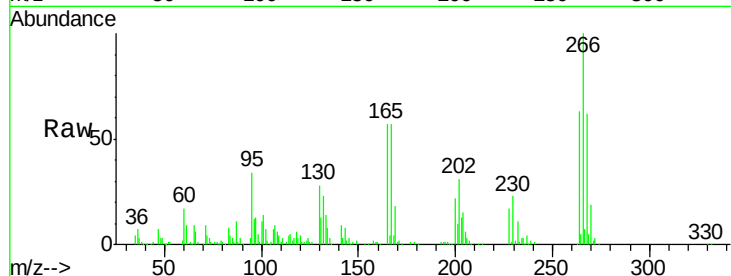




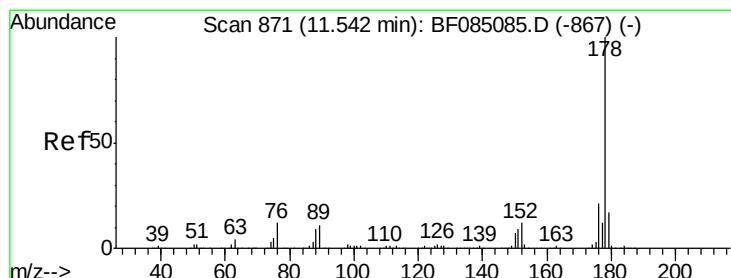
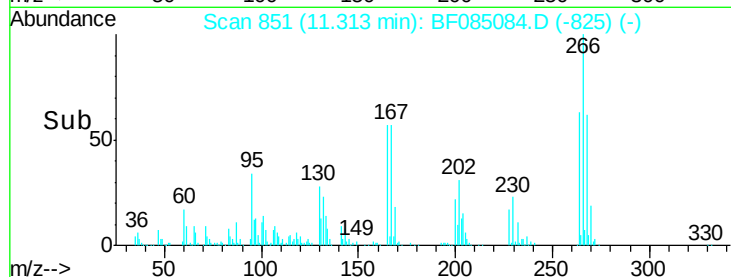
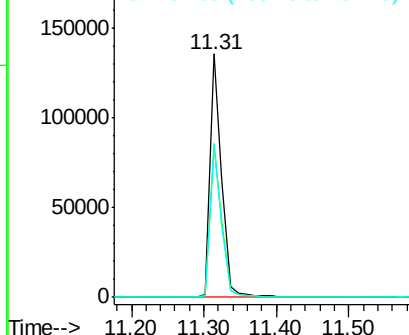
#69
 Pentachlorophenol
 Concen: 38.35 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 148729
 Ion Ratio Lower Upper
 266 100
 268 62.4 47.3 70.9
 264 63.4 49.8 74.6

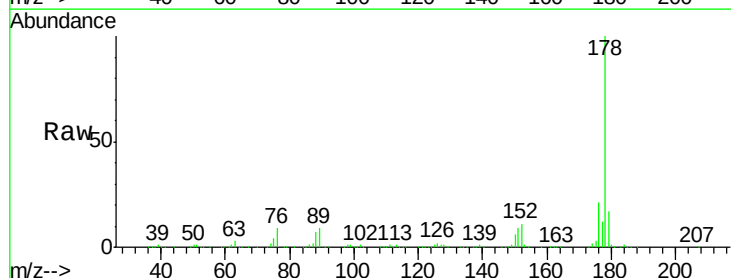


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

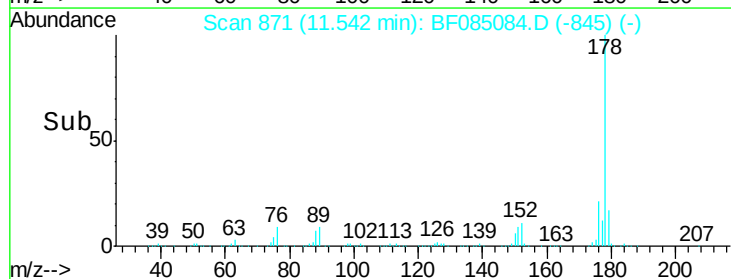
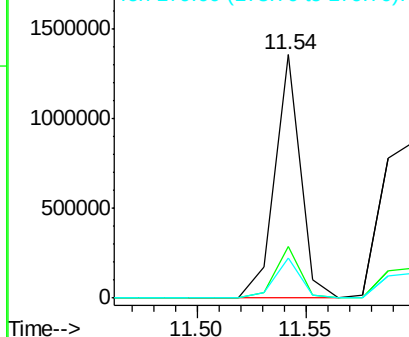


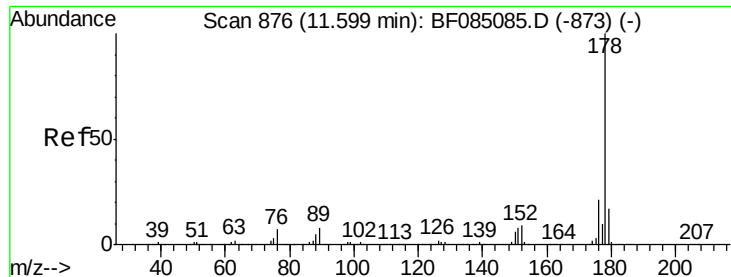
#70
 Phenanthrene
 Concen: 24.04 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion:178 Resp: 1122568
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.9 23.9
 179 16.6 13.1 19.7



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

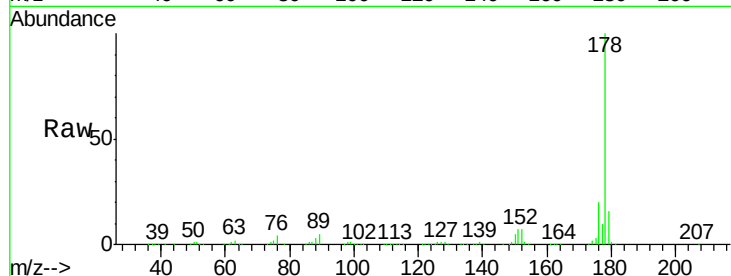




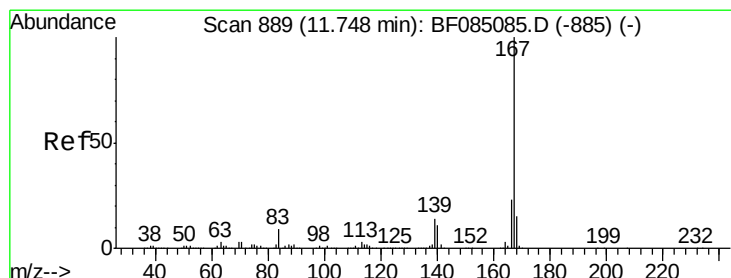
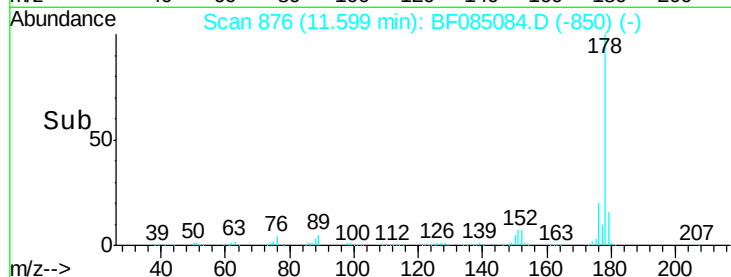
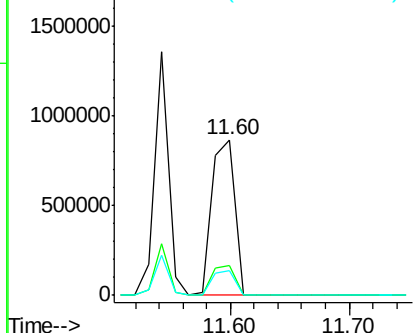
#71
 Anthracene
 Concen: 23.52 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1147669
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.8 22.2
 179 15.7 12.2 18.2

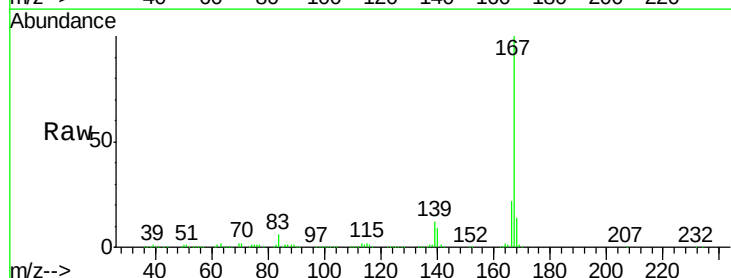


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

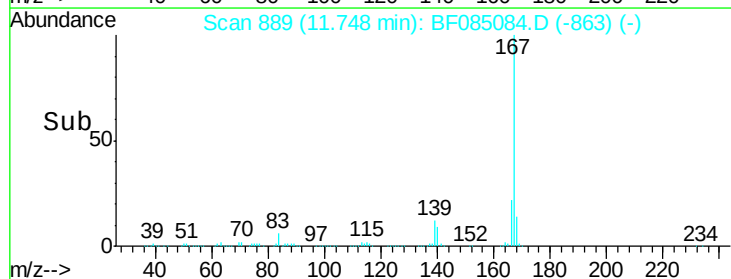
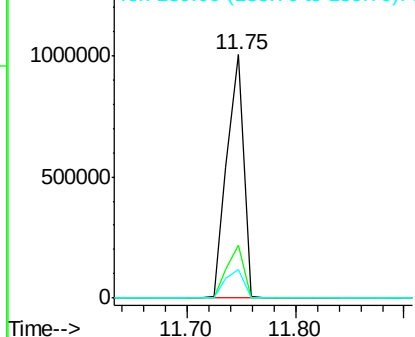


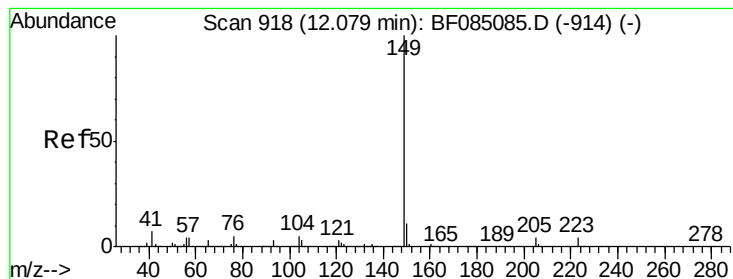
#72
 Carbazole
 Concen: 26.54 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion:167 Resp: 1072385
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 11.8 11.0 16.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 24.21 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

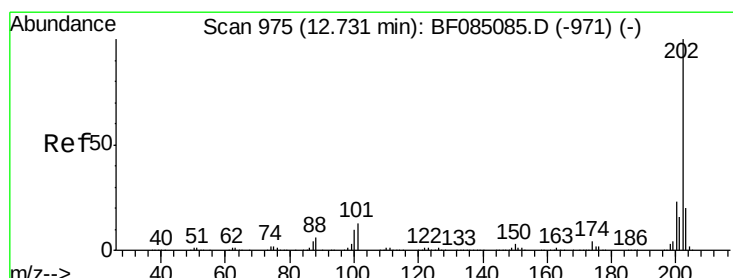
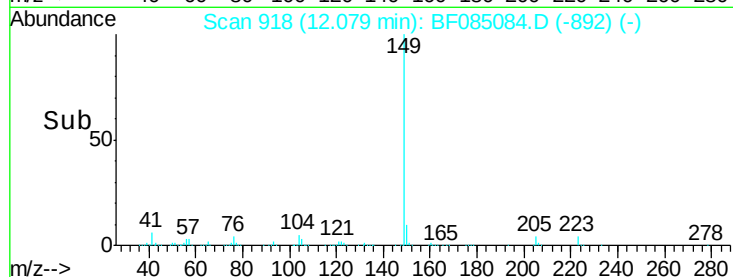
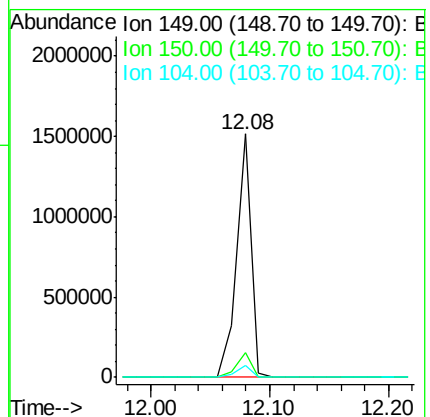
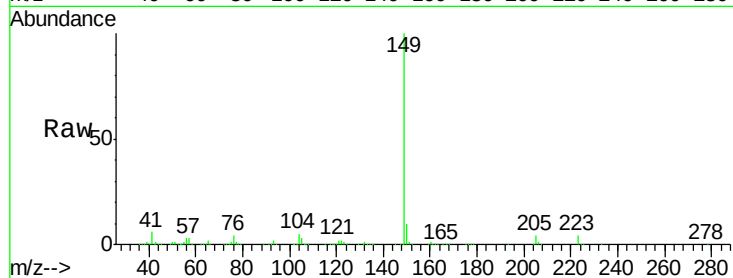
Tot Ion:149 Resp: 1283834

Ion Ratio Lower Upper

149 100

150 10.0 7.5 11.3

104 4.7 4.2 6.2



#74

Fluoranthene

Concen: 27.80 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

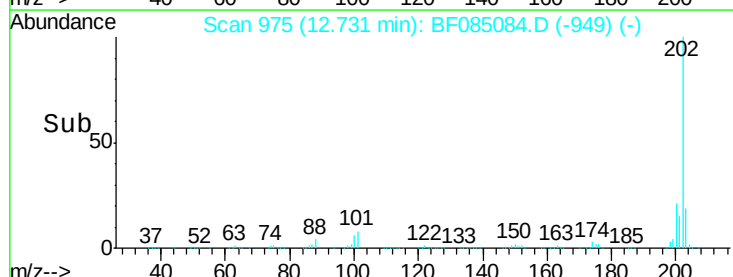
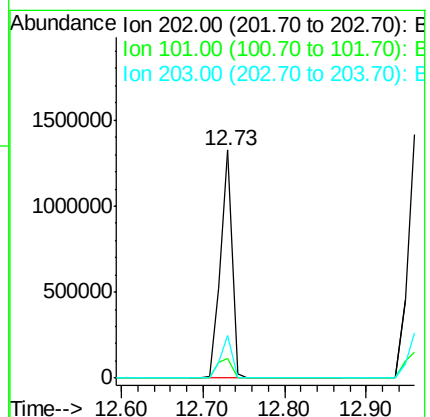
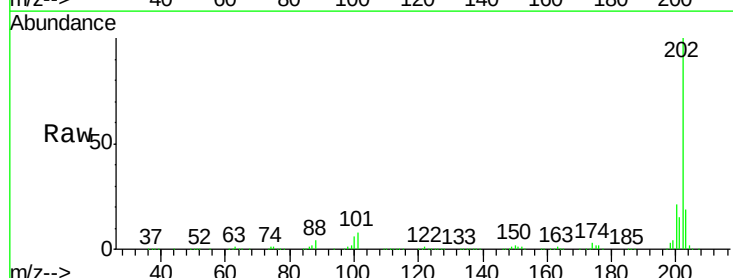
Tgt Ion:202 Resp: 1293673

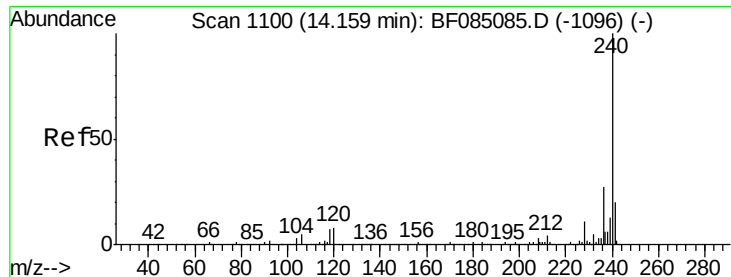
Ion Ratio Lower Upper

202 100

101 8.3 0.0 29.8

203 18.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

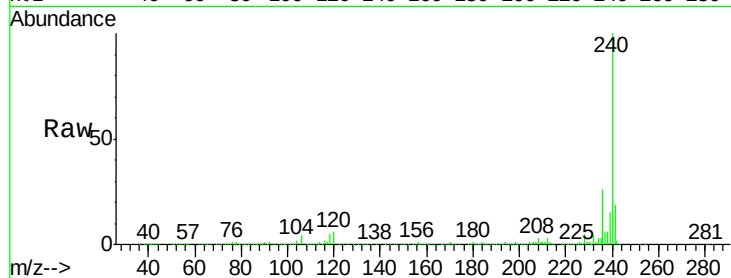
Tot Ion:240 Resp: 781389

Ion	Ratio	Lower	Upper
240	100		
120	5.7	7.0	10.6
236	25.6	20.5	30.7

240 100

120 5.7 7.0 10.6

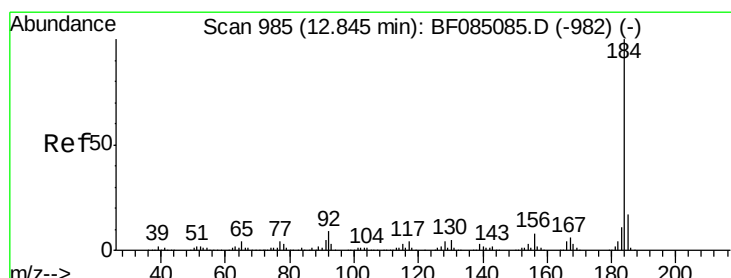
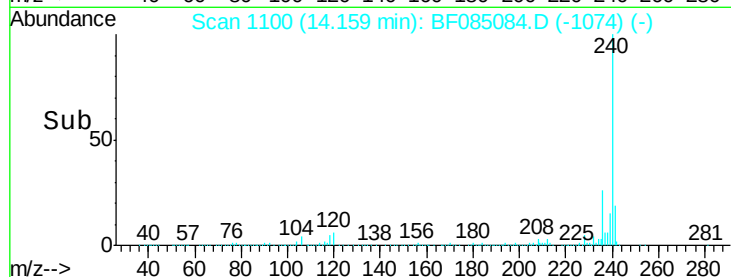
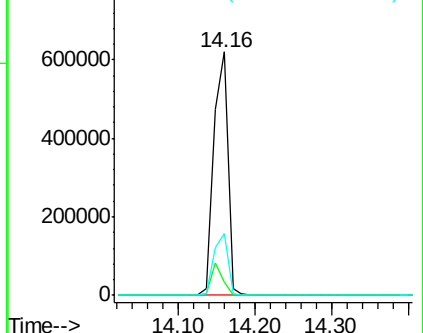
236 25.6 20.5 30.7



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: 50.89 ng

RT: 12.84 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

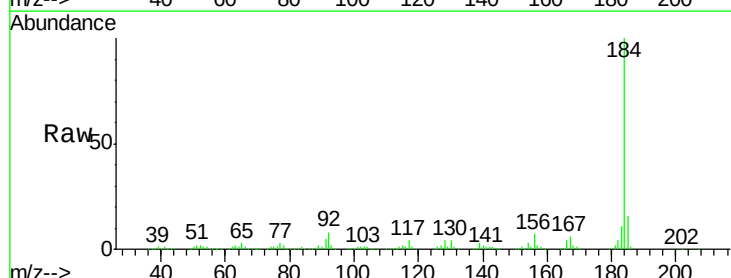
Tgt Ion:184 Resp: 700181

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	11.1	8.6	12.8

184 100

185 15.7 11.8 17.8

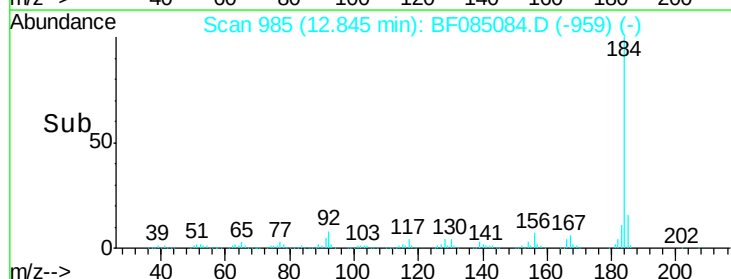
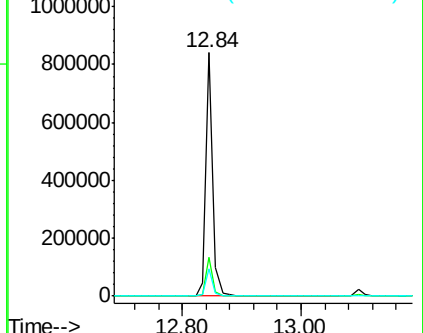
183 11.1 8.6 12.8

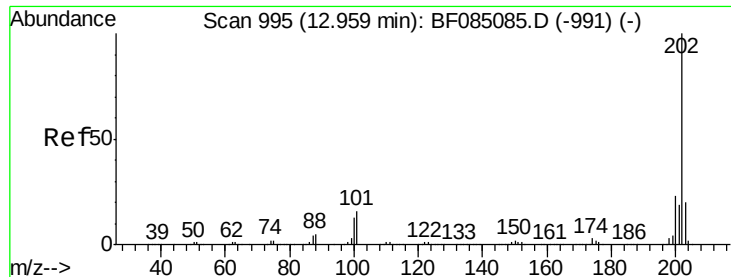


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

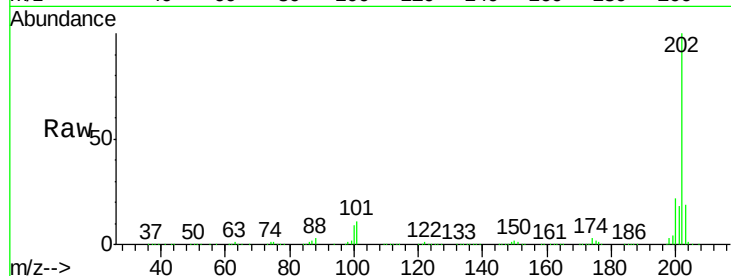




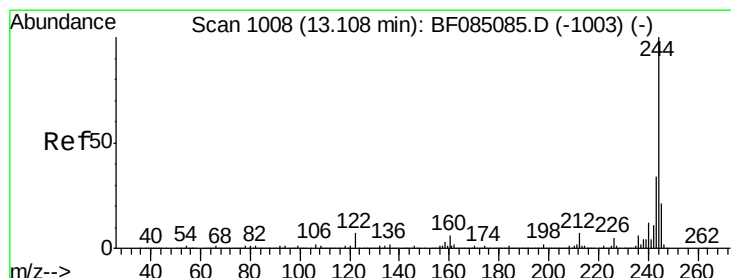
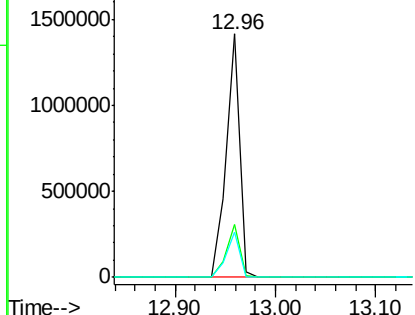
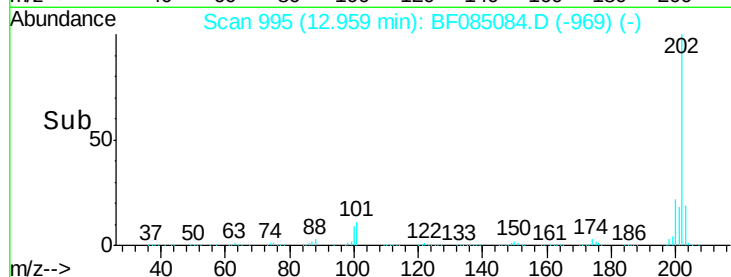
#77
 Pvrene
 Concen: 21.09 ng
 RT: 12.96 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1317878
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.0 25.4
 203 18.8 14.2 21.4

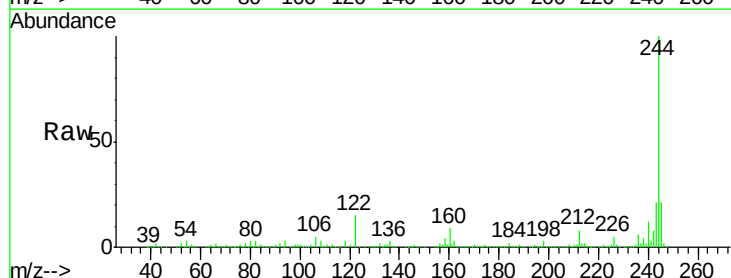


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

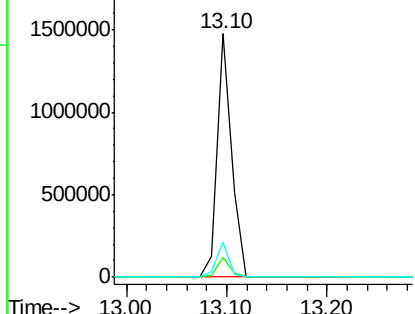
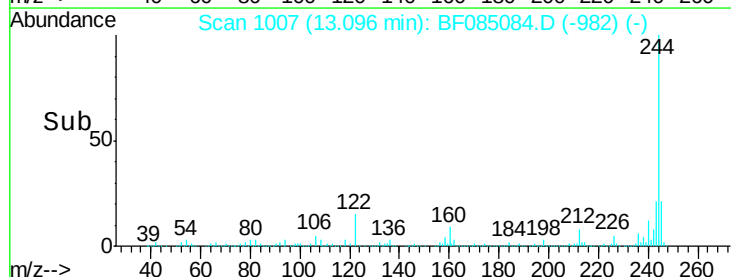


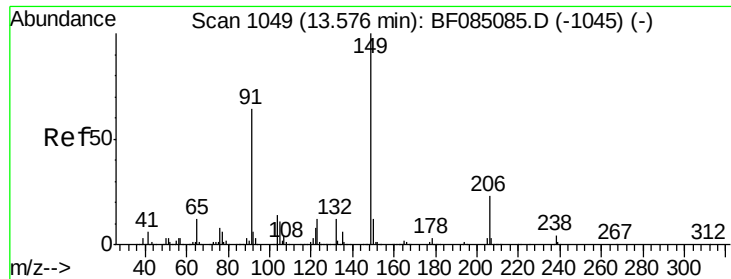
#78
 Terphenyl-d14
 Concen: 38.46 ng
 RT: 13.10 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion:244 Resp: 1460337
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 14.5 10.1 15.1



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: 19.28 ng

RT: 13.58 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

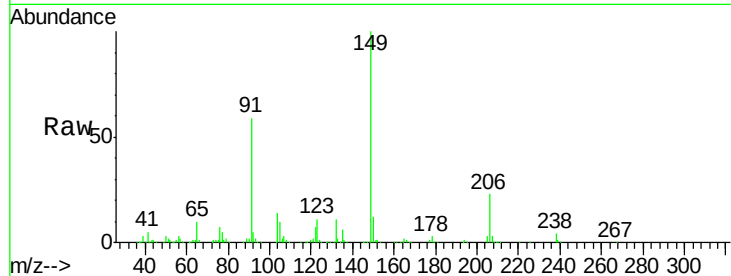
Tot Ion:149 Resp: 506921

Ion Ratio Lower Upper

149 100

91 58.8 57.8 86.8

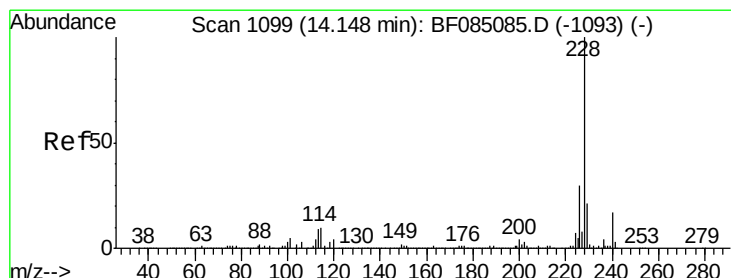
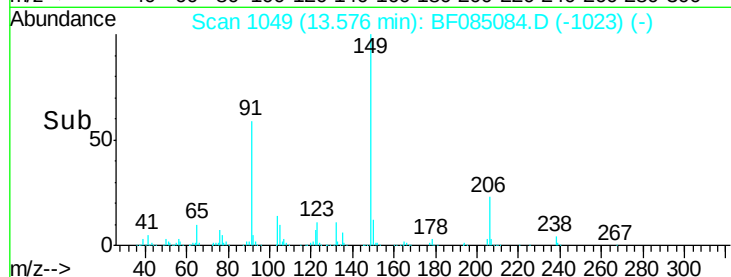
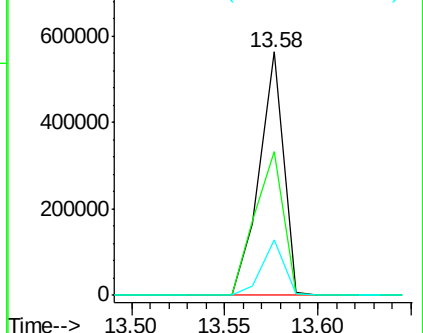
206 22.7 13.8 20.8#



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: 26.17 ng

RT: 14.15 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

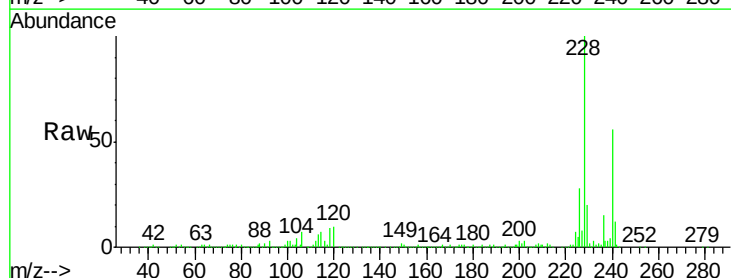
Tgt Ion:228 Resp: 1184206

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

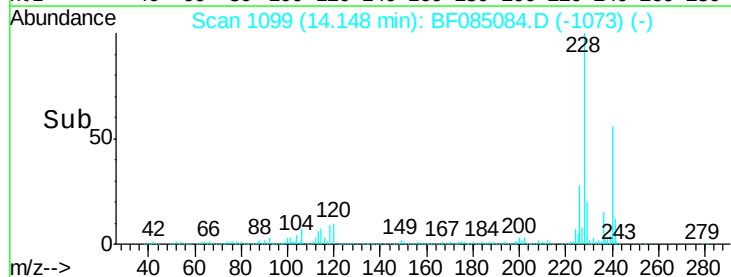
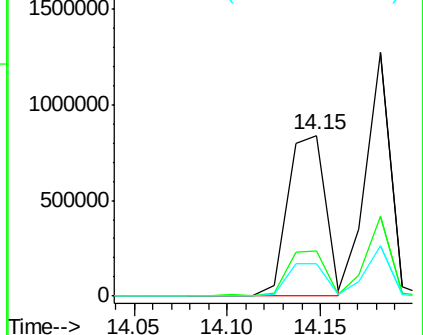
229 20.1 15.8 23.8

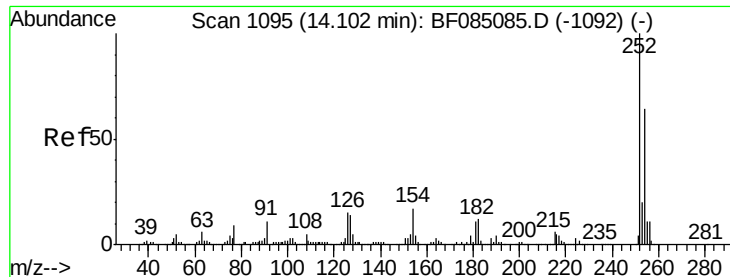


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

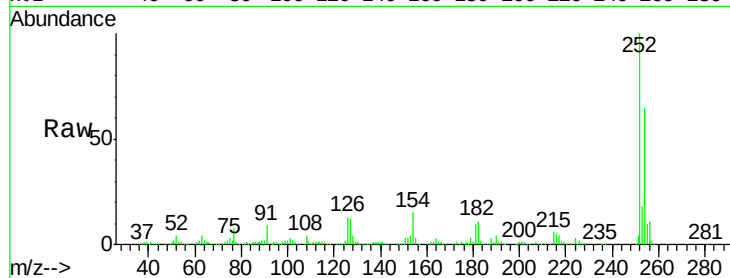




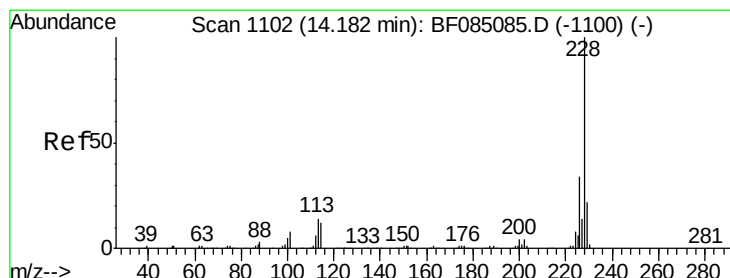
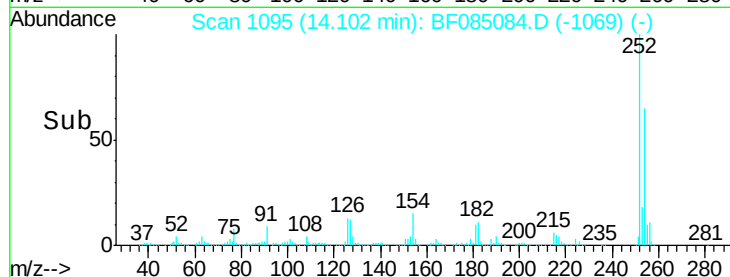
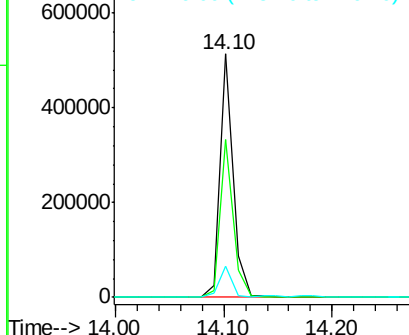
#81
 3,3'-Dichlorobenzidine
 Concen: 33.22 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 436879
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.9 79.3
 126 12.8 10.6 16.0

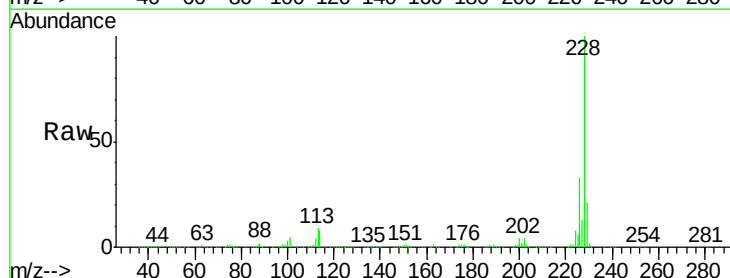


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

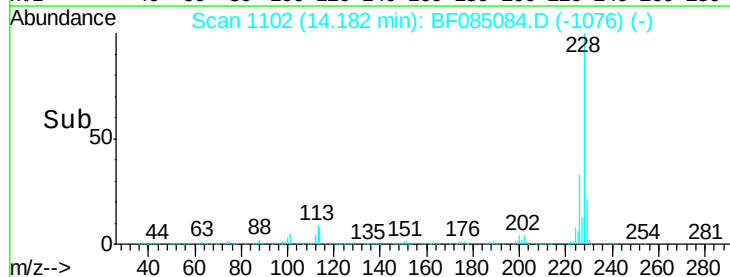
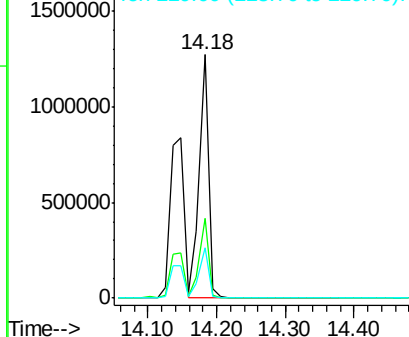


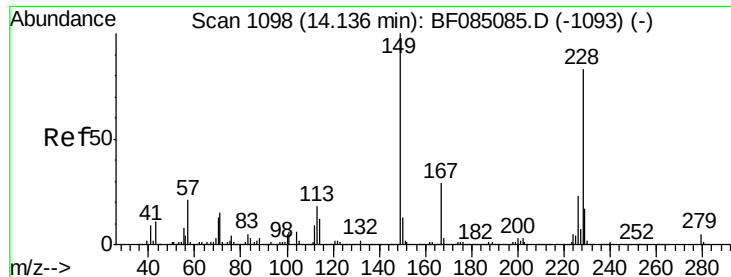
#82
 Chrysene
 Concen: 26.50 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Tgt Ion:228 Resp: 1163013
 Ion Ratio Lower Upper
 228 100
 226 32.7 24.3 36.5
 229 20.7 16.1 24.1



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: 21.03 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

Instrument :

BNA_F

ClientSampleId :

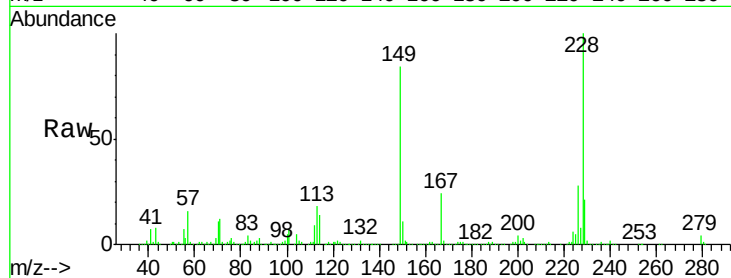
Tot Ion:149 Resp: 726922

Ion Ratio Lower Upper

149 100

167 28.6 21.0 31.6

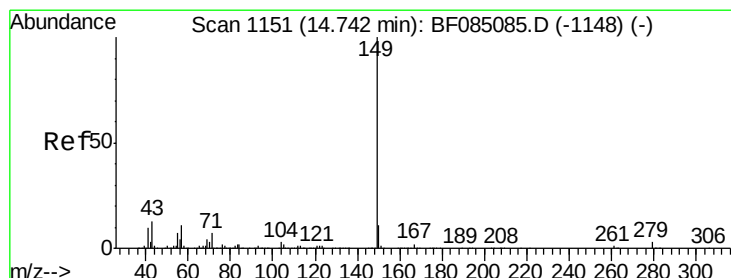
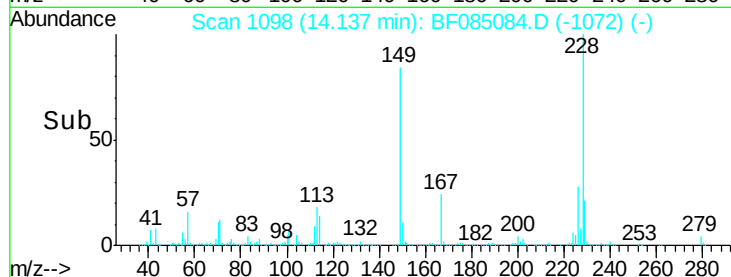
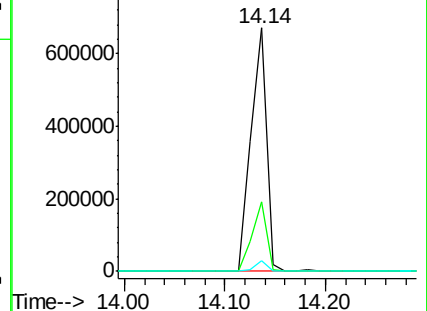
279 4.6 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 23.45 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085084.D

Acq: 17 Feb 2016 13:15

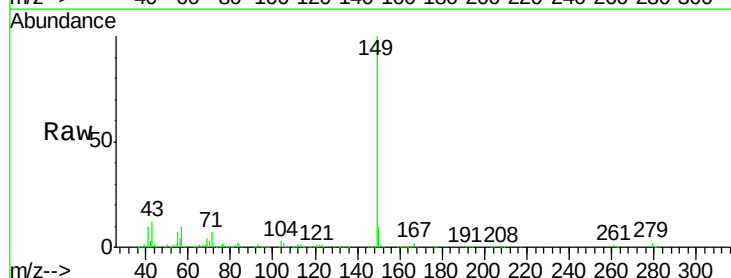
Tgt Ion:149 Resp: 1151509

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

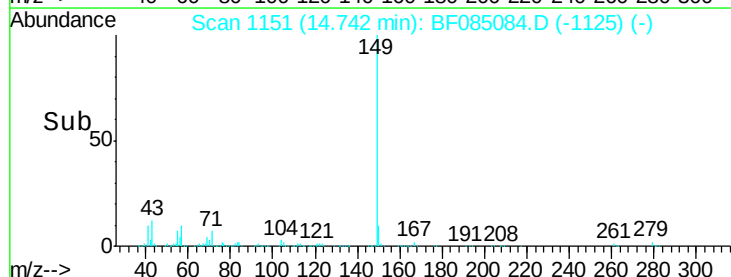
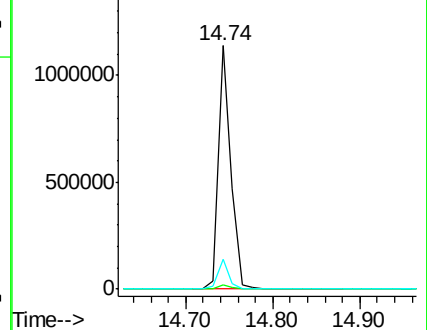
43 10.9 9.0 13.6

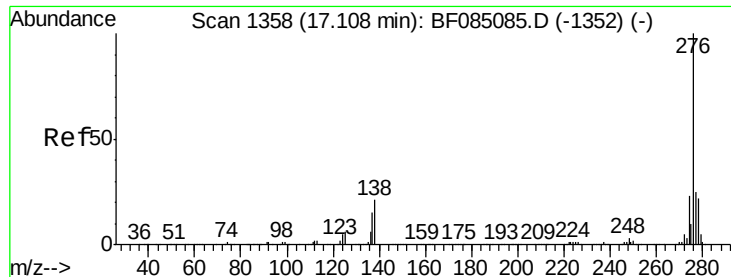


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

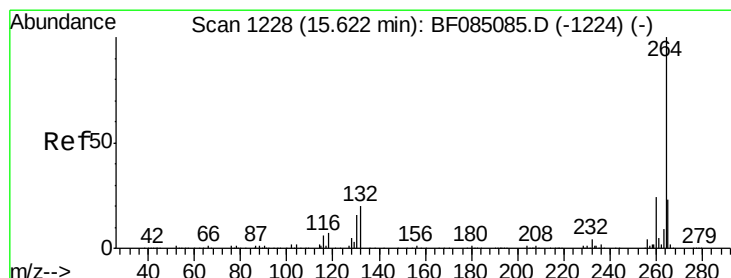
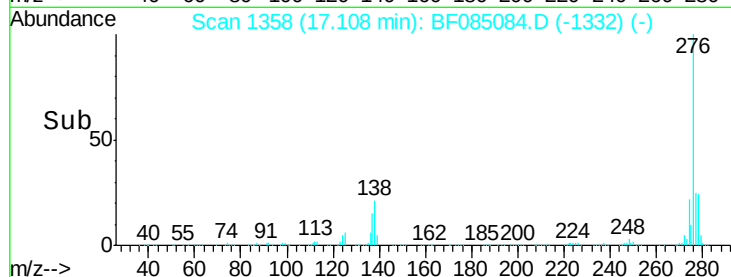
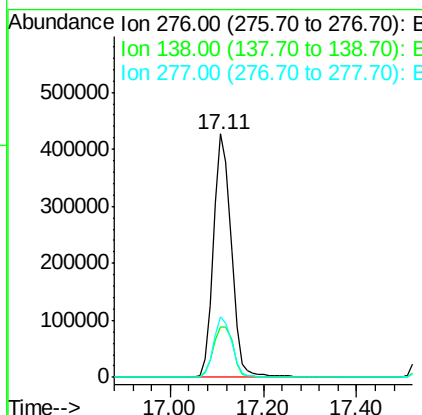
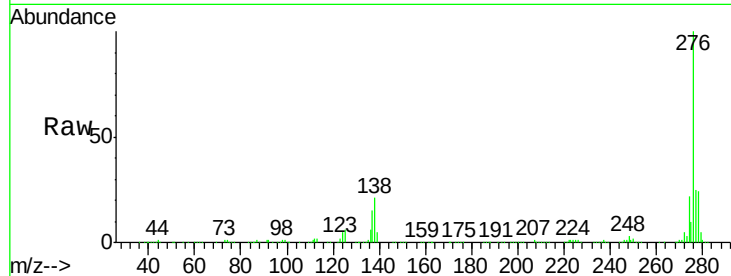




#85
Indeno(1,2,3-cd)pyrene
Concen: 31.24 ng
RT: 17.11 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

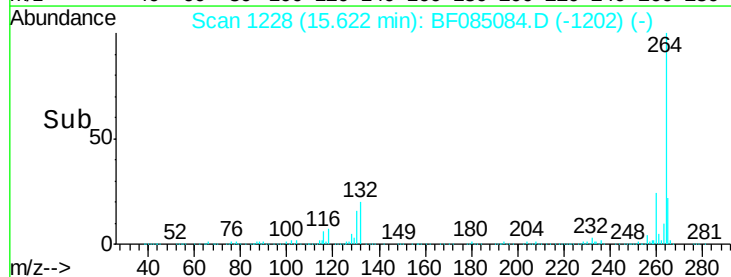
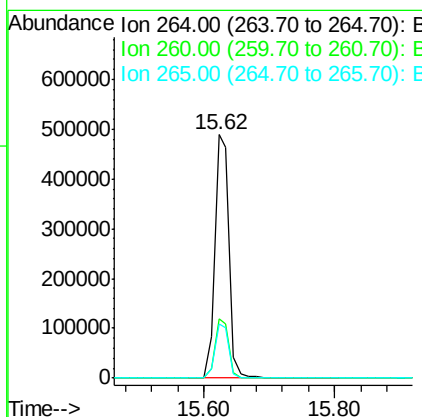
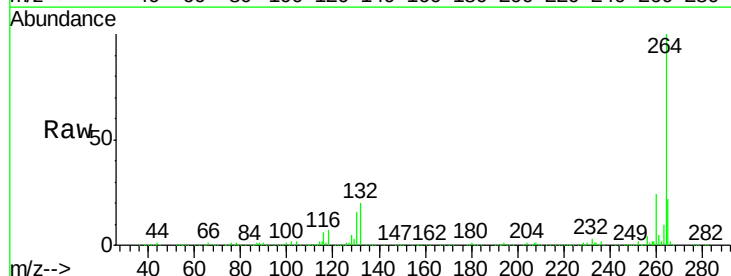
Instrument :
BNA_F
ClientSampled :

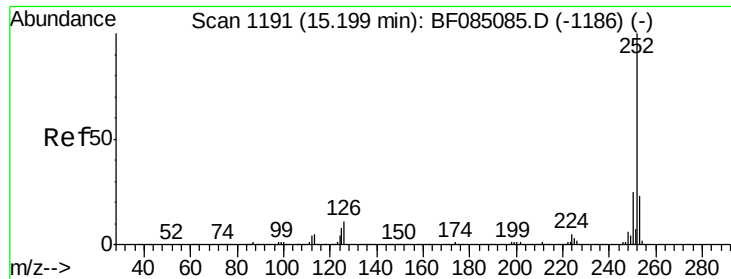
Tot Ion:276 Resp: 1139010
Ion Ratio Lower Upper
276 100
138 23.4 19.0 28.4
277 25.1 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:264 Resp: 756877
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 22.3 16.7 25.1

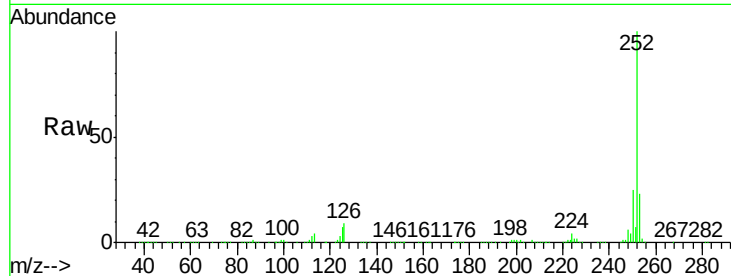




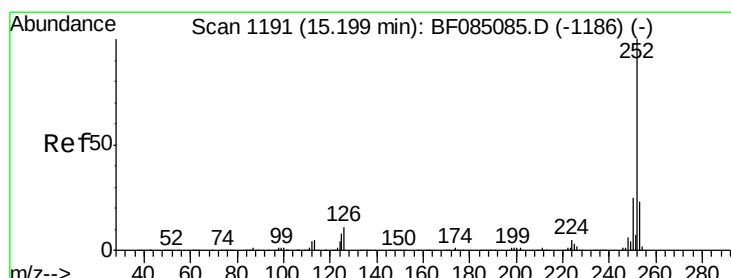
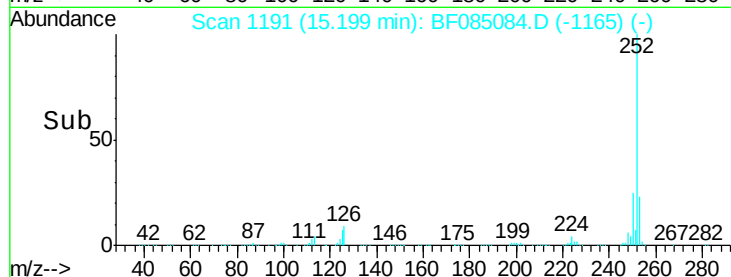
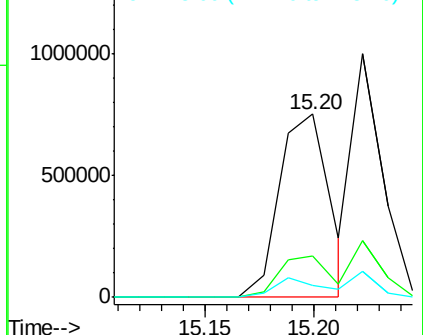
#87
Benzo(b)fluoranthene
Concen: 24.43 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1212315
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 6.6 5.4 8.2

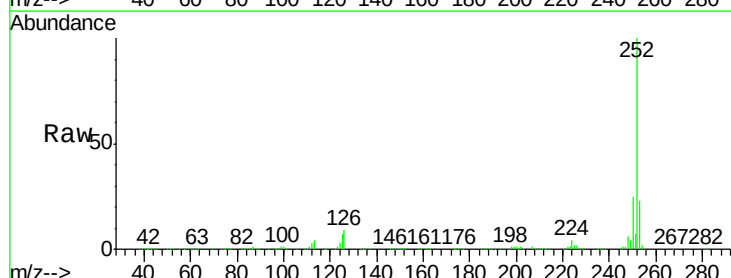


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

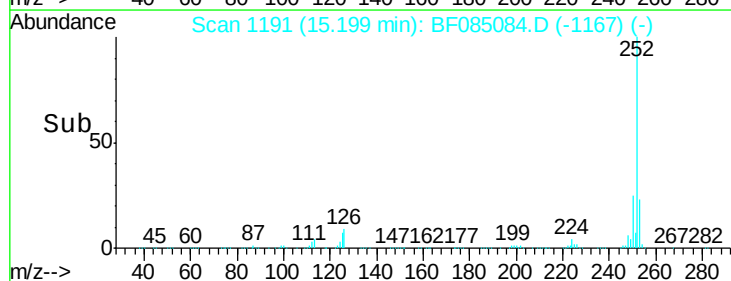
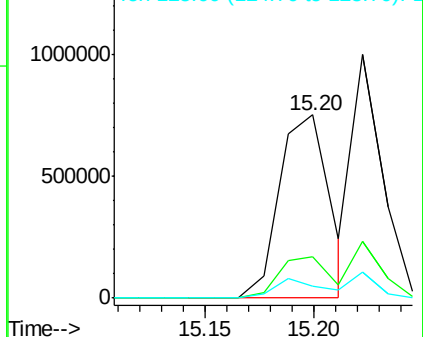


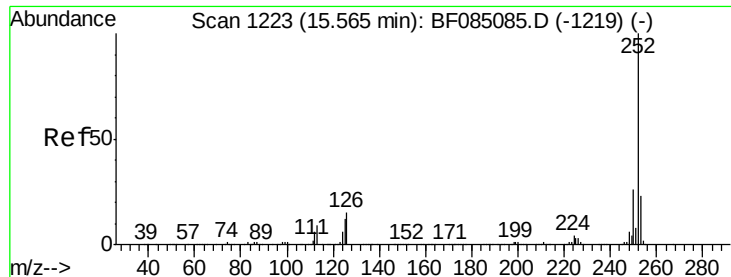
#88
Benzo(k)fluoranthene
Concen: 30.58 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:252 Resp: 1212315
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 6.6 7.2 10.8#



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

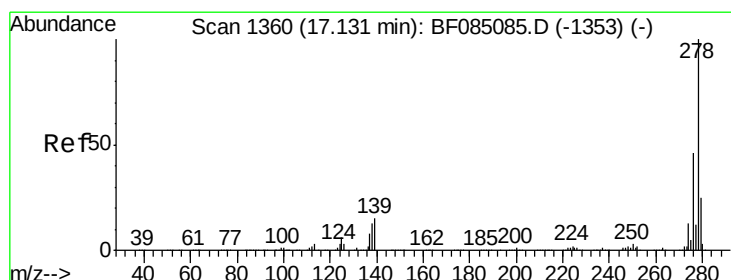
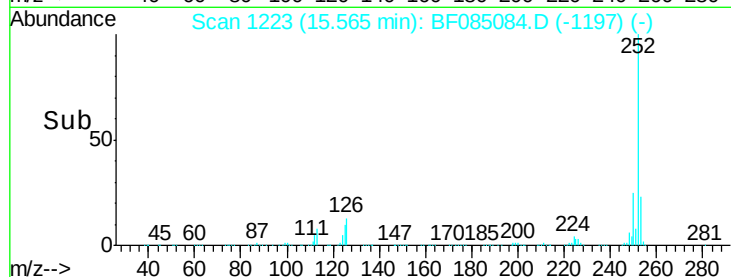
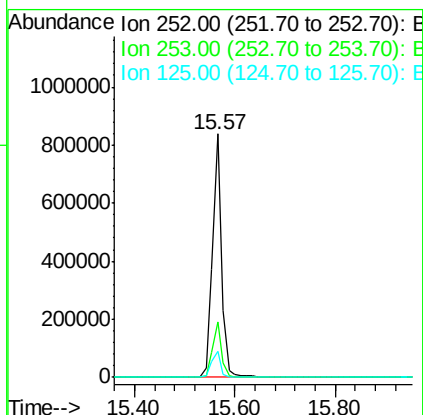
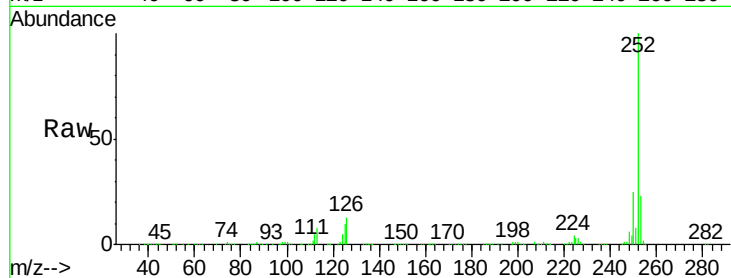




#89
Benzo(a)pyrene
Concen: 25.08 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

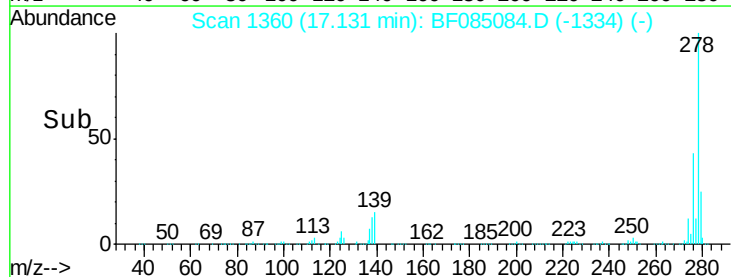
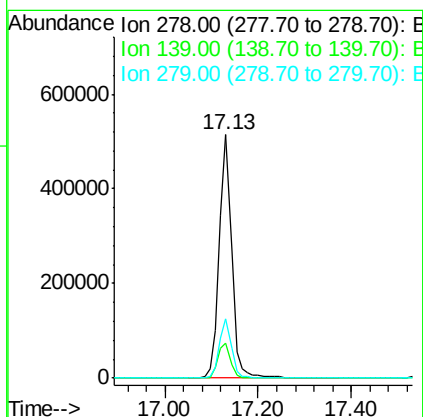
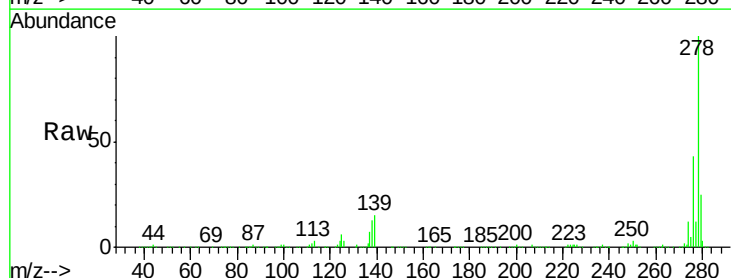
Instrument :
BNA_F
ClientSampleId :

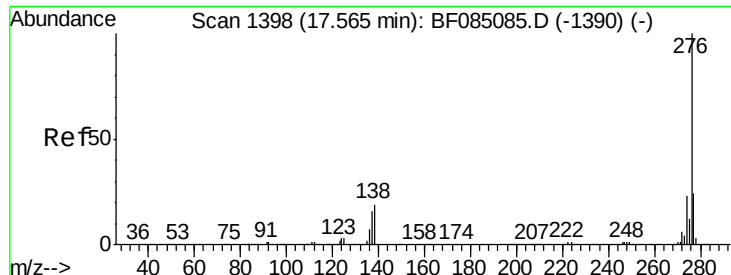
Tot Ion:252 Resp: 1052483
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.4 6.1 9.1#



#90
Dibenzo(a,h)anthracene
Concen: 23.78 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF085084.D
Acq: 17 Feb 2016 13:15

Tgt Ion:278 Resp: 947003
Ion Ratio Lower Upper
278 100
139 14.6 13.3 19.9
279 24.6 18.6 27.8

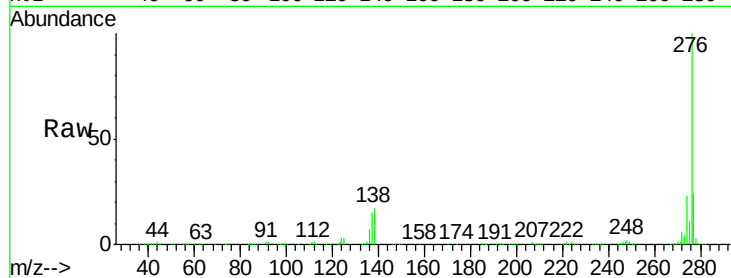




#91
 Benzo(a,h,i)perylene
 Concen: 21.94 ng
 RT: 17.57 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF085084.D
 Acq: 17 Feb 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.5	16.6	24.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

