

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085429.D
 Acq On : 14 Mar 2016 15:22
 Operator : UM/SJ
 Sample : PB88829BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

Quant Time: Mar 15 00:59:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	158574	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	629180	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	298949	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	557362	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	306158	20.00	ng	-0.06
86) Perylene-d12	15.55	264	259617	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	615522	65.11	ng	-0.05
7) Phenol-d6	6.55	99	759168	61.29	ng	-0.06
23) Nitrobenzene-d5	7.49	82	698591	59.42	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	168470	65.86	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1191407	60.61	ng	-0.06
78) Terphenyl-d14	13.03	244	934929	70.89	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	118687	24.55	ng	98
3) Pyridine	3.42	79	353309	29.20	ng	98
4) n-Nitrosodimethylamine	3.36	42	151969	29.35	ng	98
6) Aniline	6.58	93	160479	9.24	ng	95
8) 2-Chlorophenol	6.71	128	357639	31.42	ng	89
9) Benzaldehyde	6.47	77	86917	11.51	ng	87
10) Phenol	6.56	94	396275	29.87	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	308434	27.99	ng	94
12) 1,3-Dichlorobenzene	7.10	146	339783	27.81	ng	98
13) 1,4-Dichlorobenzene	6.94	146	357053	29.16	ng	98
14) 1,2-Dichlorobenzene	7.10	146	339724	30.57	ng	93
15) Benzyl Alcohol	7.06	79	314293	34.57	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	407815	25.68	ng	99
17) 2-Methylphenol	7.18	107	304373	32.77	ng	98
18) Hexachloroethane	7.44	117	133591	29.57	ng	# 90
19) n-Nitroso-di-n-propylamine	7.34	70	253325	31.38	ng	96
20) 3+4-Methylphenols	7.33	107	344425	31.31	ng	# 82
22) Acetophenone	7.33	105	457327	29.78	ng	# 90
24) Nitrobenzene	7.51	77	377452	31.60	ng	# 87
25) Isophorone	7.75	82	674872	30.97	ng	# 94
26) 2-Nitrophenol	7.83	139	172140	29.62	ng	99
27) 2,4-Dimethylphenol	7.86	122	359154	33.81	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	401933	33.12	ng	100
29) 2,4-Dichlorophenol	8.07	162	288036	33.62	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	288751	31.18	ng	99
31) Naphthalene	8.23	128	951420	30.75	ng	99
32) Benzoic acid	7.97	122	184346	26.13	ng	99
33) 4-Chloroaniline	8.28	127	62558	5.00	ng	95
34) Hexachlorobutadiene	8.36	225	150047	31.13	ng	100
35) Caprolactam	8.64	113	88867	31.76	ng	99
36) 4-Chloro-3-methylphenol	8.77	107	333288	34.29	ng	91
37) 2-Methylnaphthalene	8.93	142	692808	34.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	244661	28.62	ng	99
40) Hexachlorocyclopentadiene	9.08	237	202822	43.98	ng	100

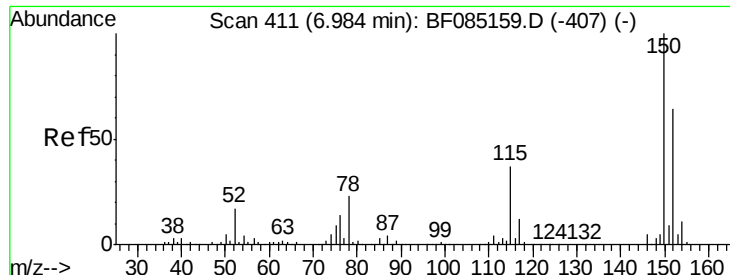
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	195465	30.71	ng	97
43) 2,4,5-Trichlorophenol	9.25	196	200896	33.29	ng	# 88
45) 1,1'-Biphenyl	9.38	154	721058	28.23	ng	98
46) 2-Chloronaphthalene	9.42	162	579141	29.75	ng	98
47) 2-Nitroaniline	9.51	65	190206	31.53	ng	# 67
48) Acenaphthylene	9.83	152	988332	32.62	ng	98
49) Dimethylphthalate	9.69	163	707806	30.85	ng	99
50) 2,6-Dinitrotoluene	9.75	165	157722	32.13	ng	98
51) Acenaphthene	10.00	154	636113	34.58	ng	99
52) 3-Nitroaniline	9.91	138	74189	12.63	ng	# 75
53) 2,4-Dinitrophenol	10.02	184	114864	49.51	ng	# 51
54) Dibenzofuran	10.17	168	842391	34.95	ng	99
55) 4-Nitrophenol	10.08	139	288941	62.60	ng	86
56) 2,4-Dinitrotoluene	10.15	165	184344	29.34	ng	# 83
57) Fluorene	10.52	166	649752	34.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	143920	33.95	ng	99
59) Diethylphthalate	10.39	149	725503	32.58	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	283160	30.74	ng	95
61) 4-Nitroaniline	10.53	138	136598	24.87	ng	97
62) Azobenzene	10.66	77	674908	30.77	ng	98
64) 4,6-Dinitro-2-methylphenol	10.56	198	85536	25.63	ng	87
65) n-Nitrosodiphenylamine	10.63	169	549013	31.67	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	173745	32.10	ng	96
67) Hexachlorobenzene	11.06	284	179533	31.10	ng	# 91
68) Atrazine	11.16	200	201477	41.79	ng	93
69) Pentachlorophenol	11.26	266	203124	63.38	ng	99
70) Phenanthrene	11.48	178	895825	30.67	ng	99
71) Anthracene	11.53	178	957245	30.87	ng	99
72) Carbazole	11.68	167	836715	30.77	ng	99
73) Di-n-butylphthalate	12.01	149	1108159	32.24	ng	98
74) Fluoranthene	12.67	202	854439	29.15	ng	99
76) Benzidine	12.78	184	234283	25.71	ng	98
77) Pyrene	12.89	202	840755	36.49	ng	99
79) Butylbenzylphthalate	13.51	149	411693	39.37	ng	# 80
80) Benzo(a)anthracene	14.08	228	556437	30.36	ng	98
81) 3,3'-Dichlorobenzidine	14.04	252	103285	17.86	ng	99
82) Chrysene	14.12	228	530127	31.31	ng	100
83) Bis(2-ethylhexyl)phthalate	14.07	149	516655	37.55	ng	# 97
84) Di-n-octyl phthalate	14.68	149	728239	34.75	ng	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	545349	41.27	ng	96
87) Benzo(b)fluoranthene	15.12	252	492574	28.47	ng	# 95
88) Benzo(k)fluoranthene	15.12	252	492574	35.29	ng	# 96
89) Benzo(a)pyrene	15.48	252	462150	32.23	ng	# 95
90) Dibenzo(a,h)anthracene	17.01	278	455156	37.18	ng	98
91) Benzo(g,h,i)perylene	17.43	276	453084	36.81	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085429.D

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PB88829BS

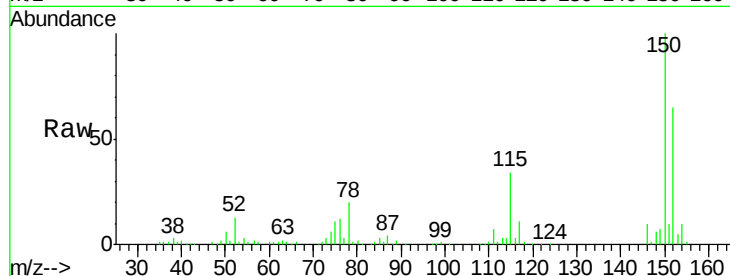
Tgt Ion:152 Resp: 158574

Ion Ratio Lower Upper

152 100

150 154.1 124.6 186.8

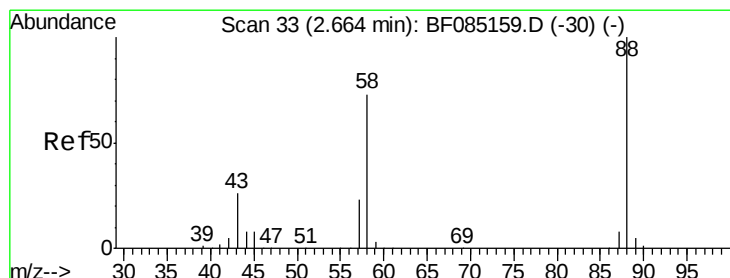
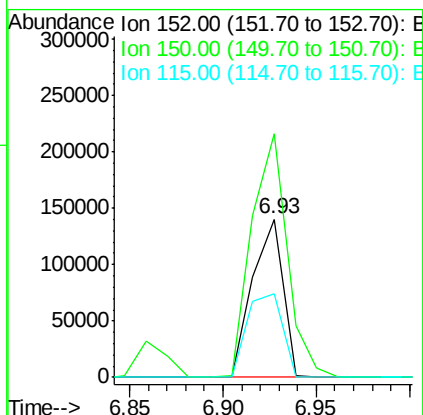
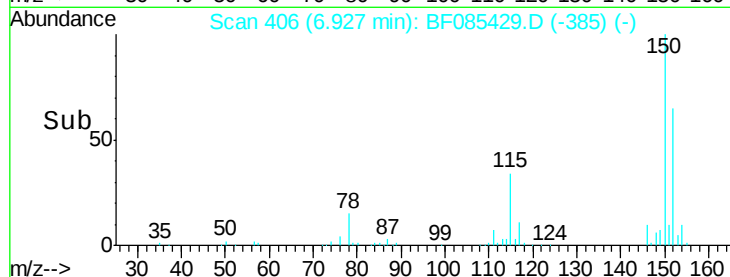
115 53.1 46.6 70.0



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: 24.55 ng

RT: 2.66 min Scan# 33

Delta R.T. 0.00 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

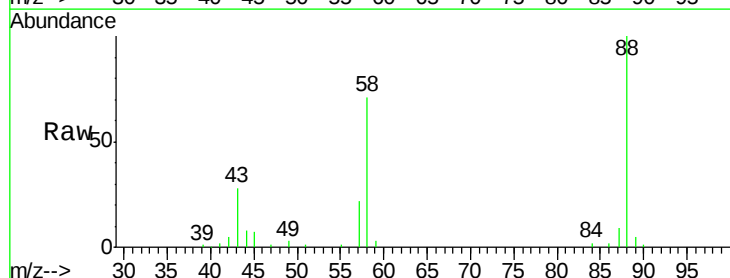
Tgt Ion: 88 Resp: 118687

Ion Ratio Lower Upper

88 100

58 69.5 57.0 85.6

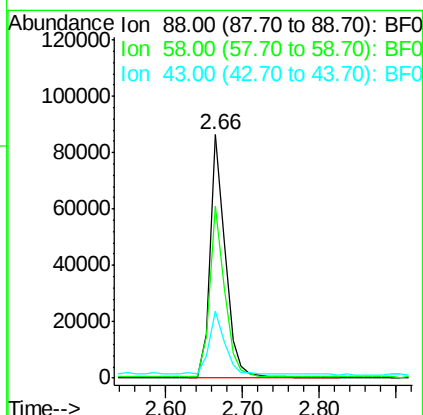
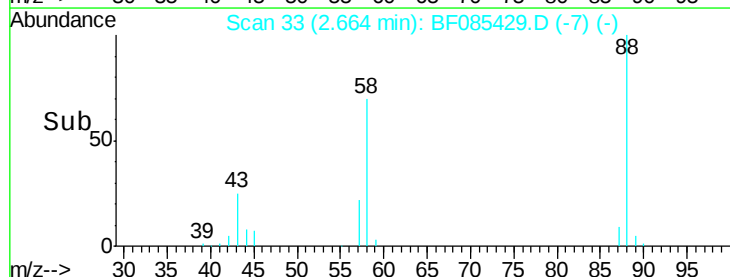
43 25.7 20.5 30.7

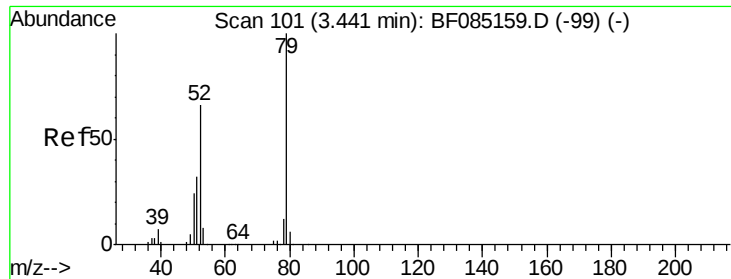


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.20 ng

RT: 3.42 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

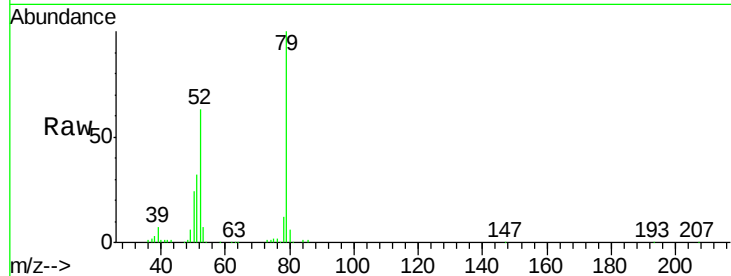
Tgt Ion: 79 Resp: 353309

Ion Ratio Lower Upper

79 100

52 63.5 52.6 79.0

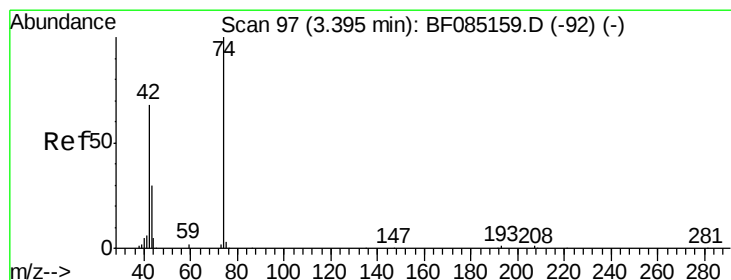
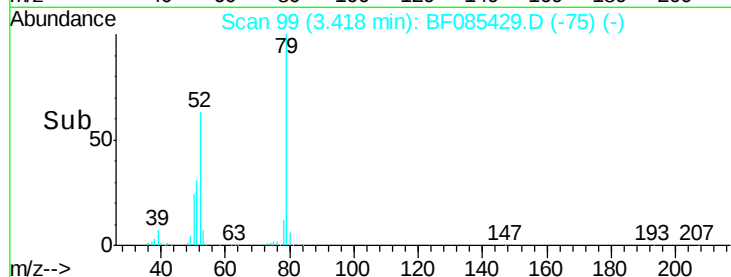
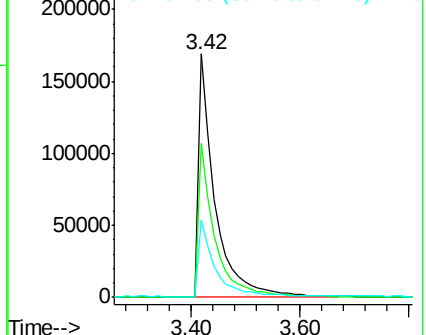
51 31.6 25.8 38.8



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: 29.35 ng

RT: 3.36 min Scan# 94

Delta R.T. -0.03 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

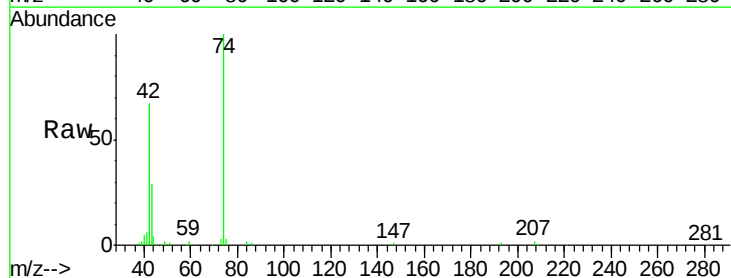
Tgt Ion: 42 Resp: 151969

Ion Ratio Lower Upper

42 100

74 148.8 116.8 175.2

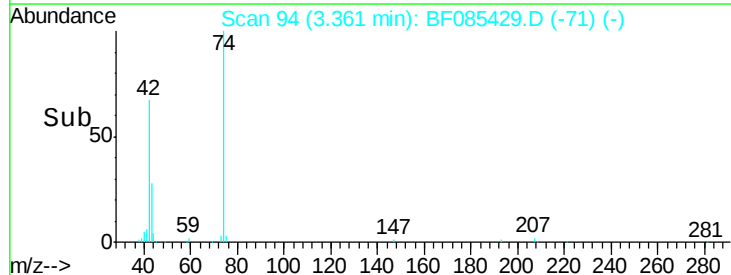
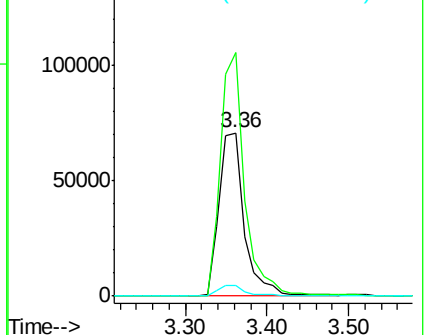
44 6.6 5.5 8.3



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: 65.11 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

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ClientSampleId :

PB88829BS

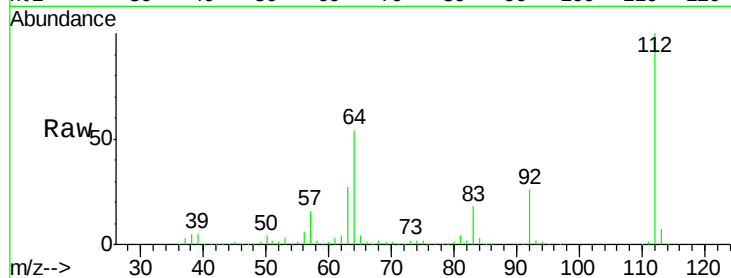
Tgt Ion: 112 Resp: 61522

Ion Ratio Lower Upper

112 100

64 54.0 49.0 73.4

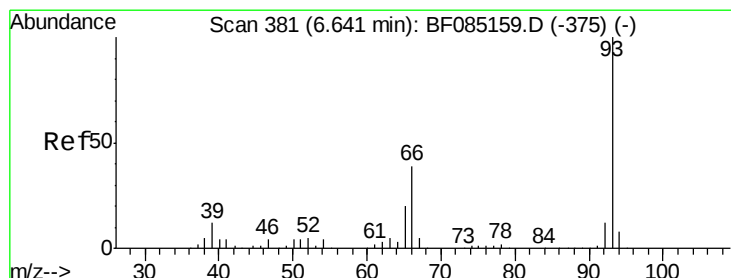
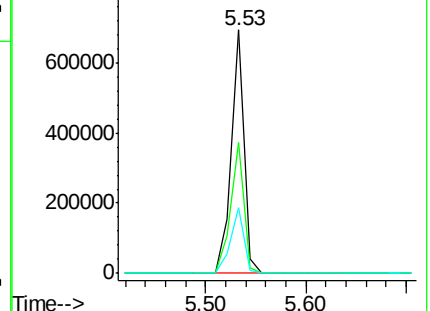
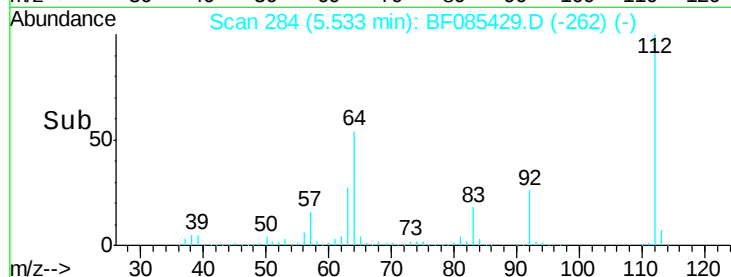
63 27.1 24.8 37.2



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: 9.24 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

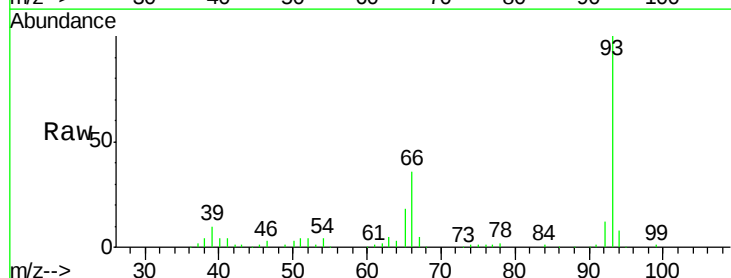
Tgt Ion: 93 Resp: 160479

Ion Ratio Lower Upper

93 100

66 36.1 31.6 47.4

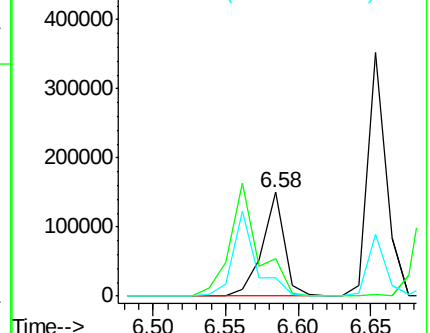
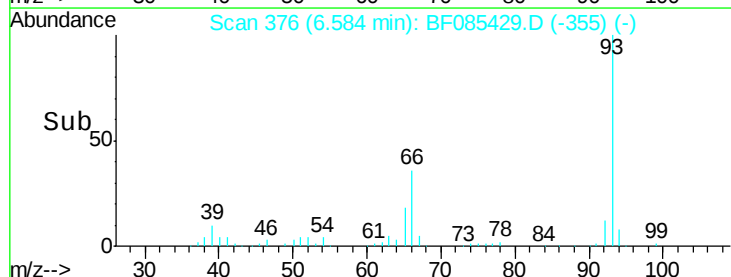
65 17.7 15.8 23.8

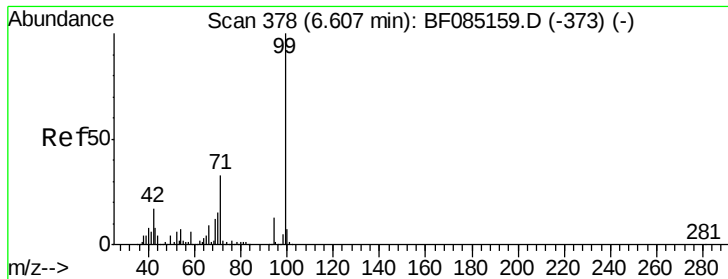


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 61.29 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

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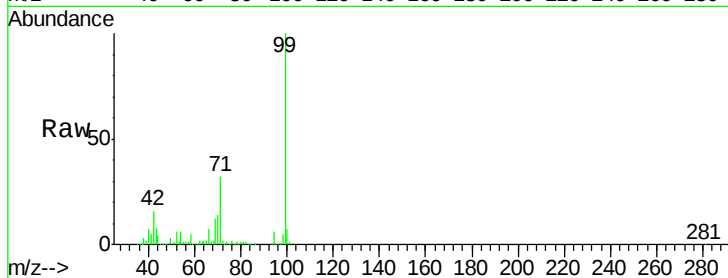
Tgt Ion: 99 Resp: 759168

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

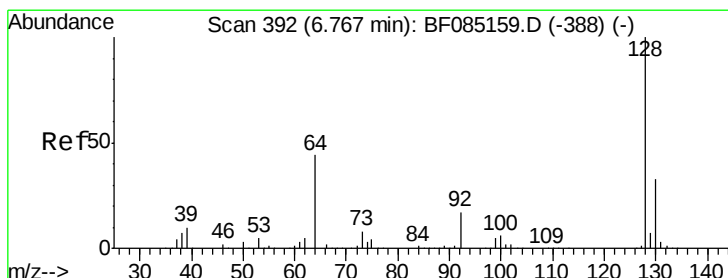
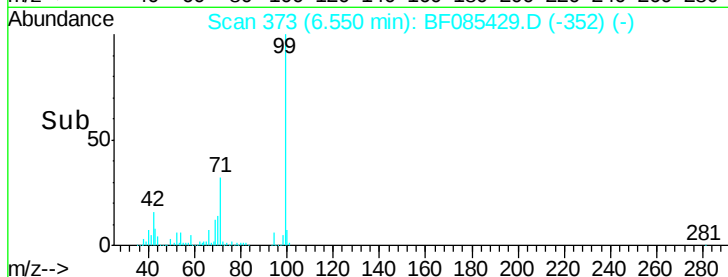
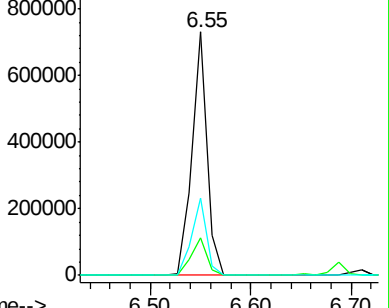
71 31.6 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.42 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

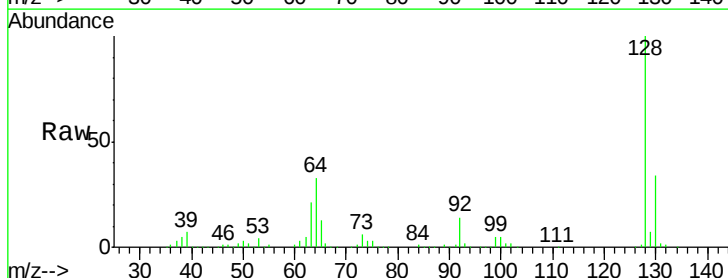
Tgt Ion: 128 Resp: 357639

Ion Ratio Lower Upper

128 100

130 33.7 13.3 53.3

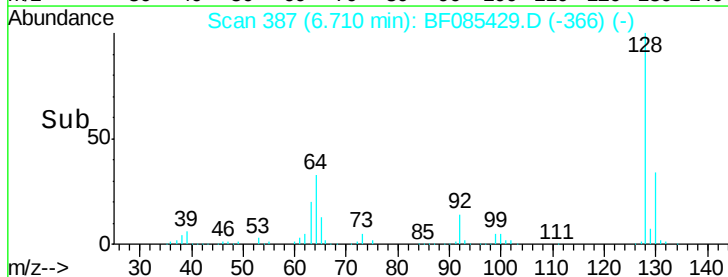
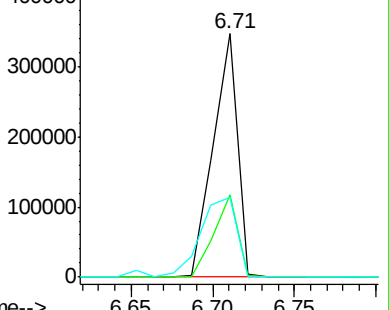
64 33.0 25.7 65.7

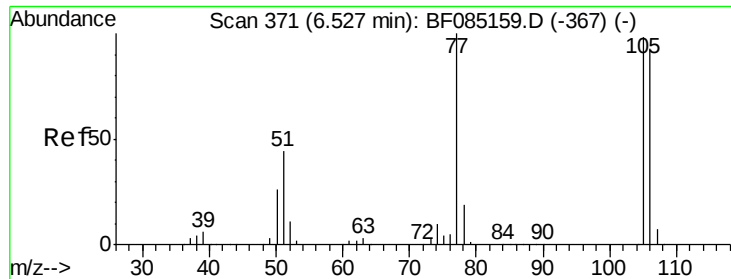


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.51 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

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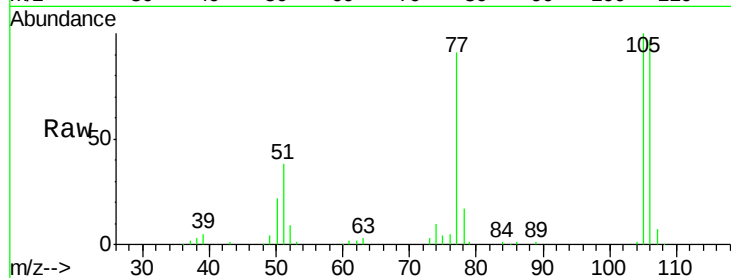
Tgt Ion: 77 Resp: 86917

Ion Ratio Lower Upper

77 100

105 109.8 78.2 118.2

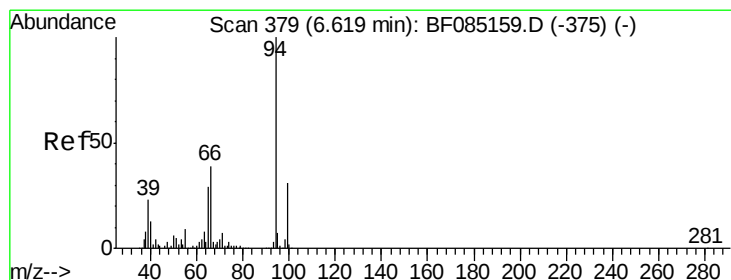
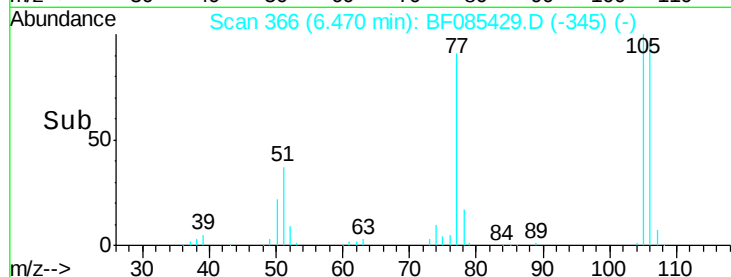
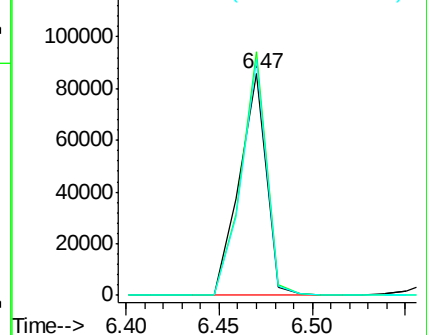
106 106.7 72.9 112.9



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: 29.87 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

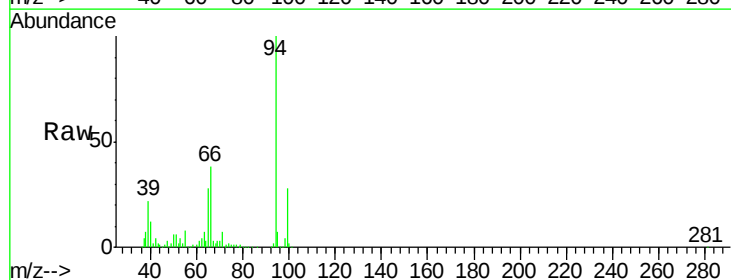
Tgt Ion: 94 Resp: 396275

Ion Ratio Lower Upper

94 100

65 28.5 9.1 49.1

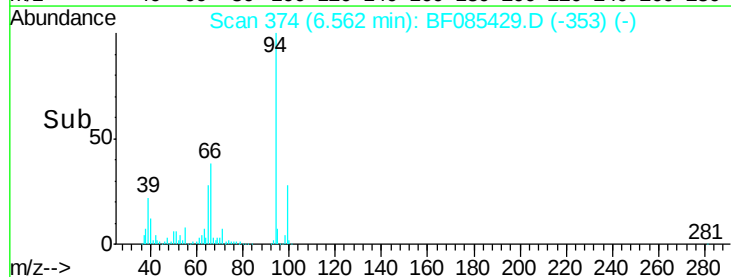
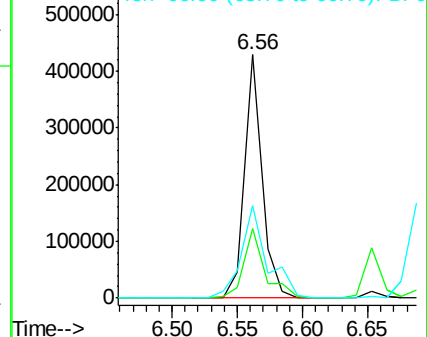
66 38.0 19.3 59.3

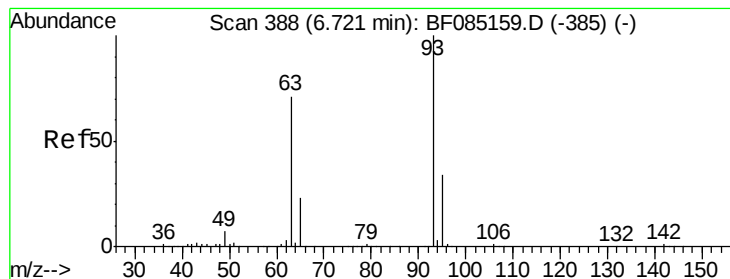


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 27.99 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.07 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

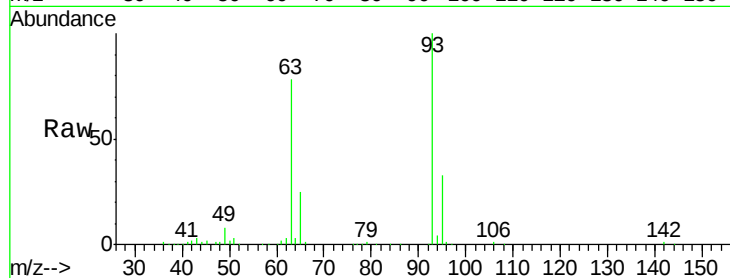
Tgt Ion: 93 Resp: 308434

Ion Ratio Lower Upper

93 100

63 77.6 50.9 90.9

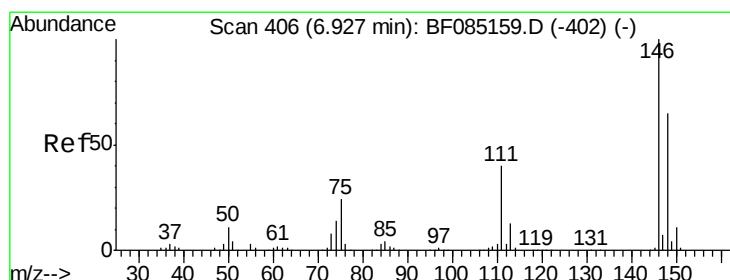
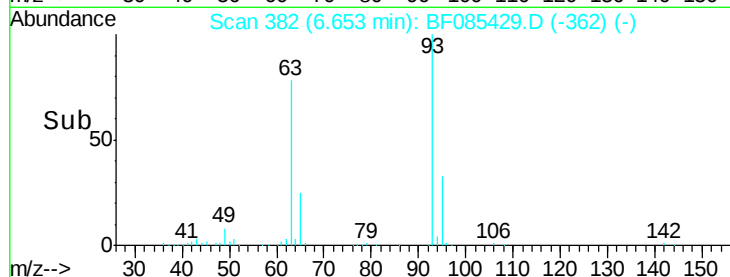
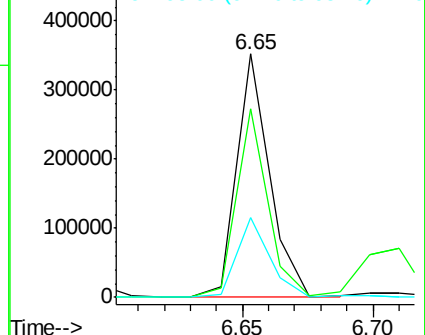
95 32.9 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 27.81 ng

RT: 7.10 min Scan# 421

Delta R.T. 0.17 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

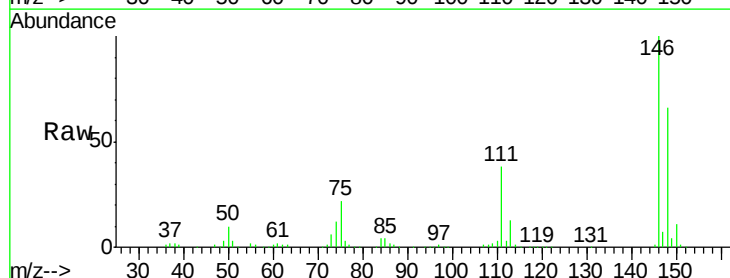
Tgt Ion: 146 Resp: 339783

Ion Ratio Lower Upper

146 100

148 66.1 52.1 78.1

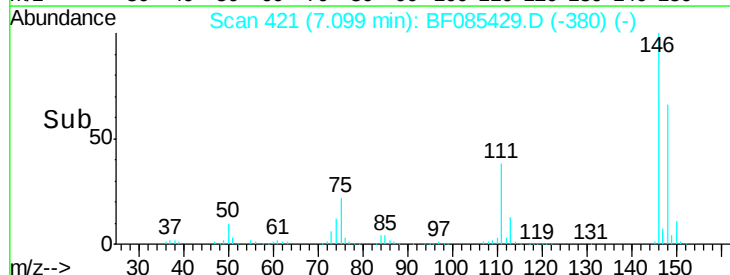
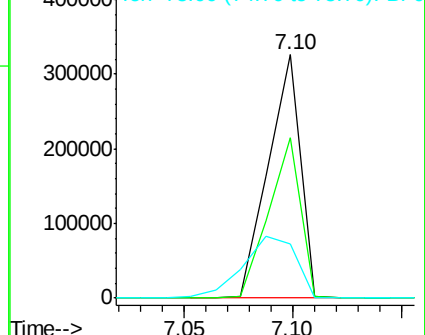
75 22.4 19.5 29.3

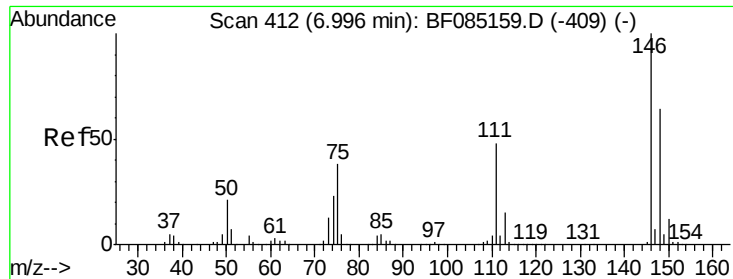


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

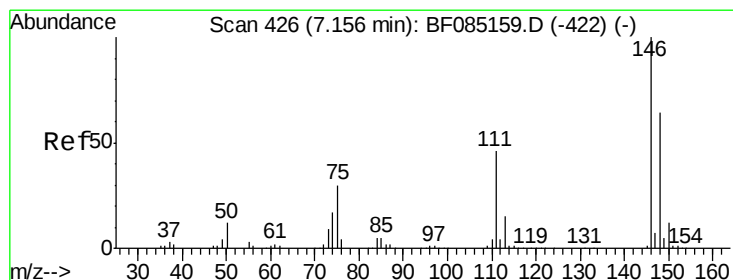
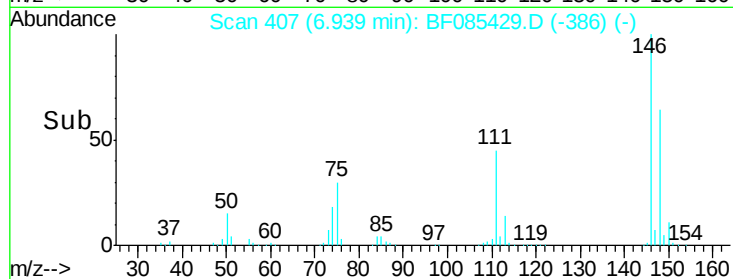
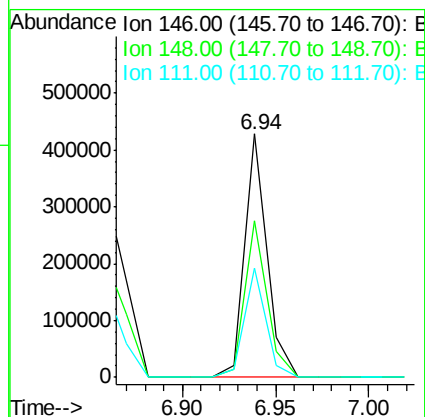
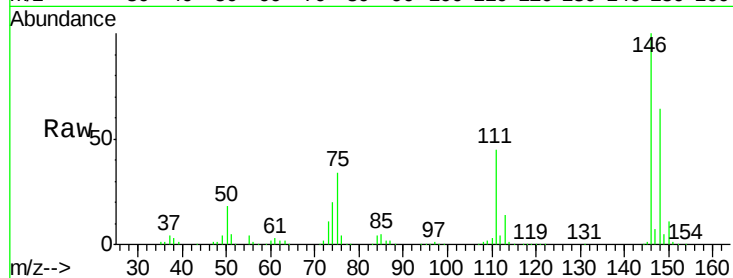




#13
 1,4-Dichlorobenzene
 Concen: 29.16 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

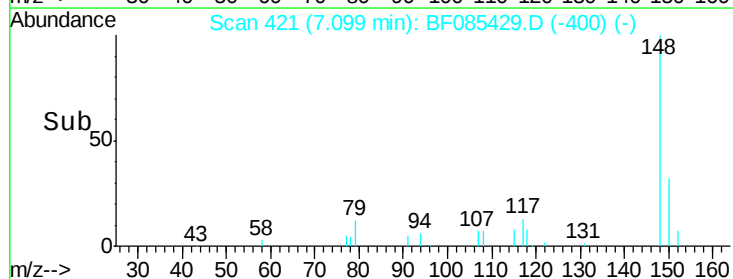
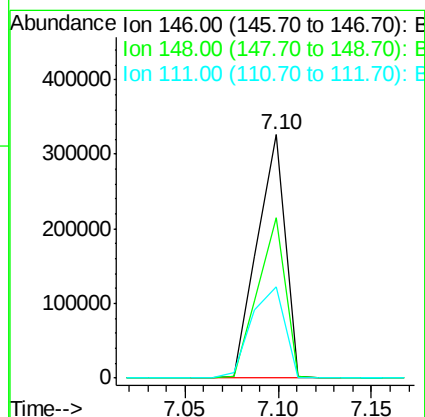
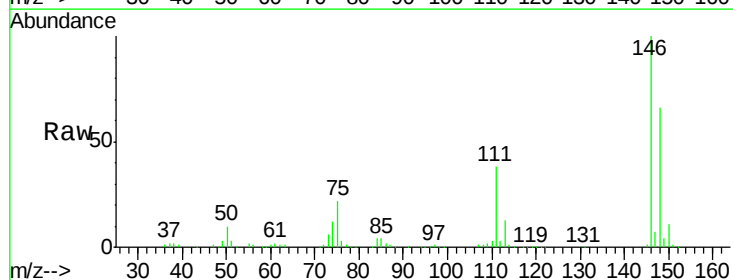
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

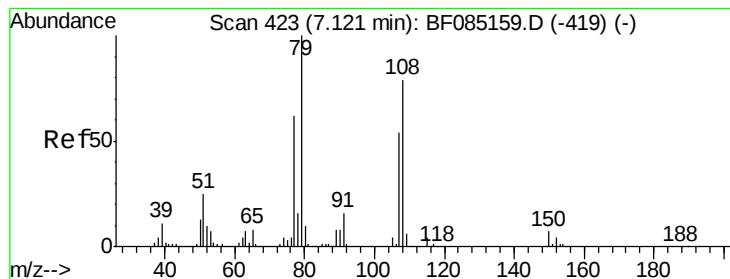
Tgt Ion:146 Resp: 357053
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 45.1 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 30.57 ng
 RT: 7.10 min Scan# 421
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion:146 Resp: 339724
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.4 77.2
 111 37.7 36.7 55.1





#15

Benzyl Alcohol

Concen: 34.57 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

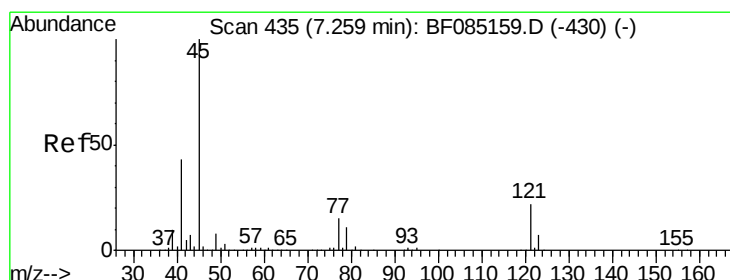
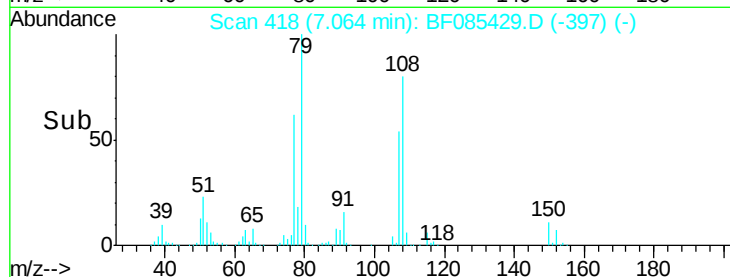
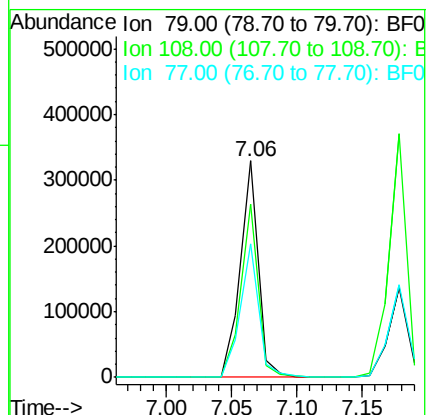
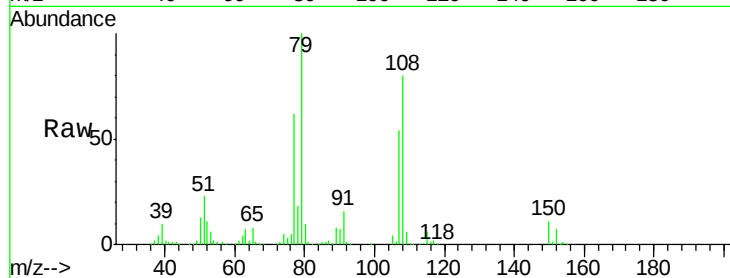
Tgt Ion: 79 Resp: 314293

Ion Ratio Lower Upper

79 100

108 80.0 62.9 94.3

77 61.9 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.68 ng

RT: 7.20 min Scan# 430

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

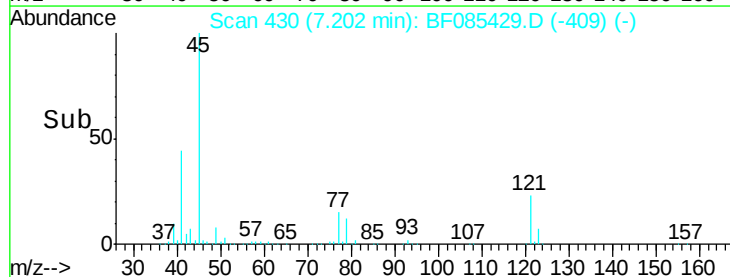
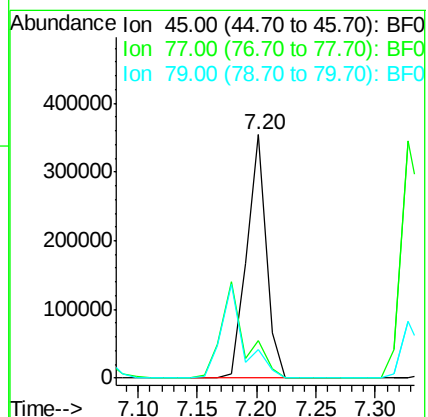
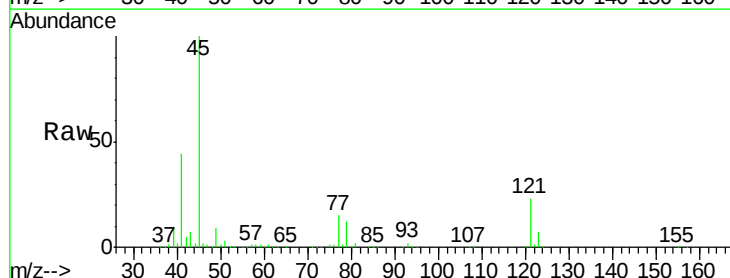
Tgt Ion: 45 Resp: 407815

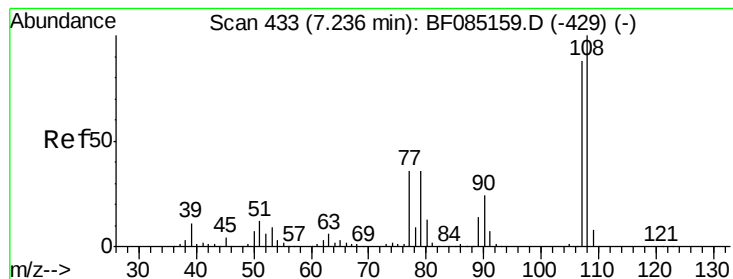
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.1

79 11.7 0.0 31.3





#17

2-Methylphenol

Concen: 32.77 ng

RT: 7.18 min Scan# 428

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

Tgt Ion:107 Resp: 304373

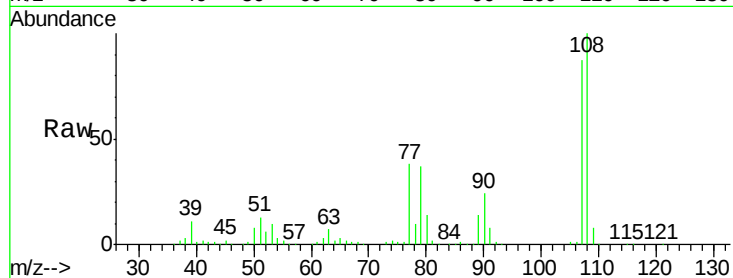
Ion Ratio Lower Upper

107 100

108 115.0 90.9 136.3

77 43.7 32.6 48.8

79 42.6 32.8 49.2

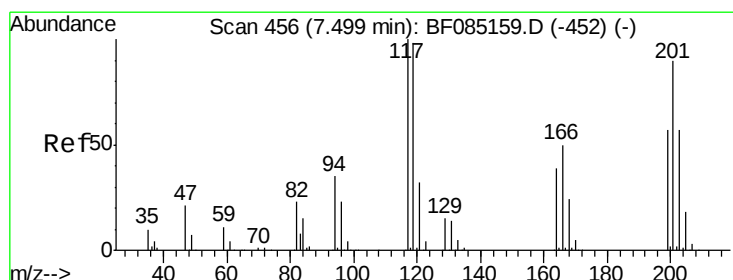
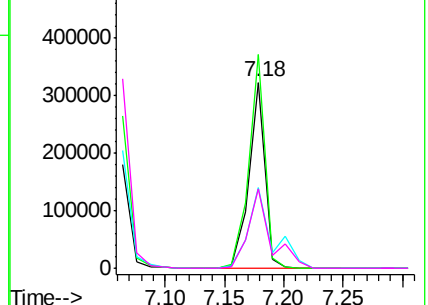
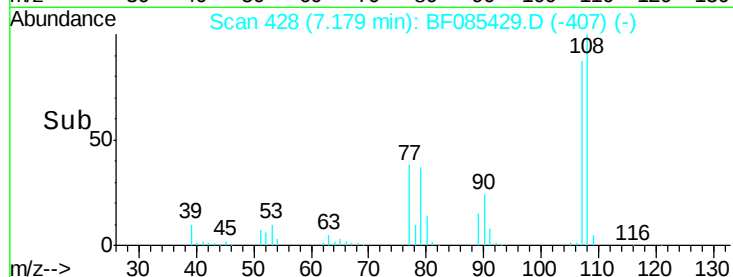


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 29.57 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

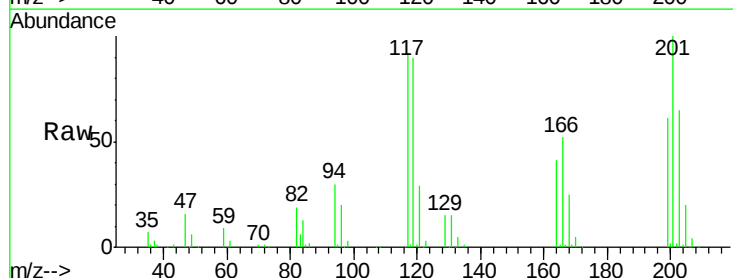
Tgt Ion:117 Resp: 133591

Ion Ratio Lower Upper

117 100

119 98.2 78.2 117.4

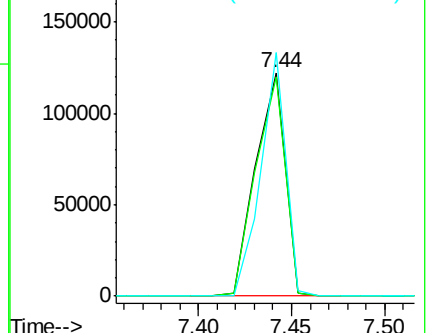
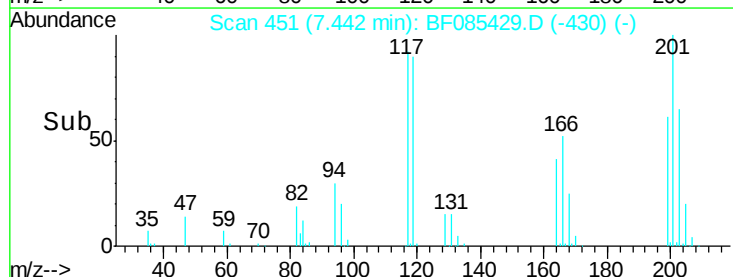
201 109.1 72.0 108.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

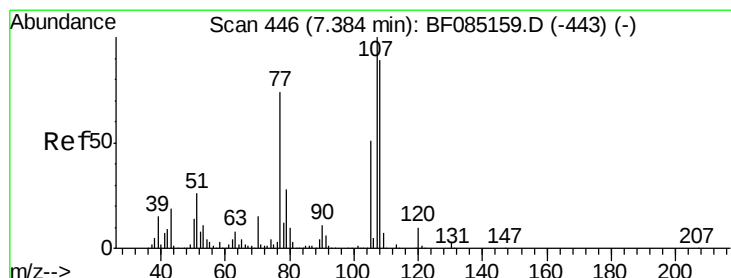
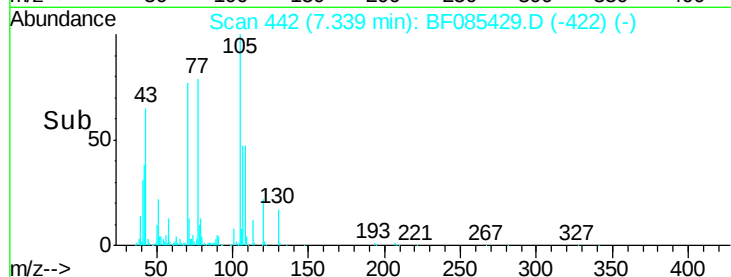
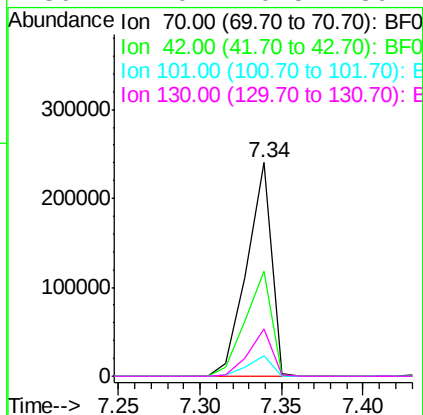
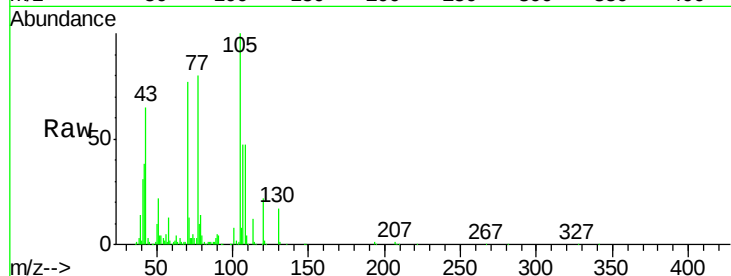




#19
n-Nitroso-di-n-propylamine
Concen: 31.38 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

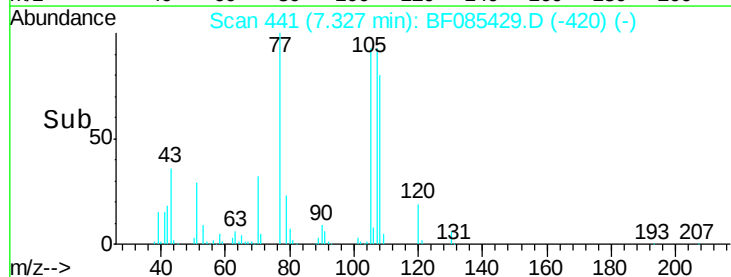
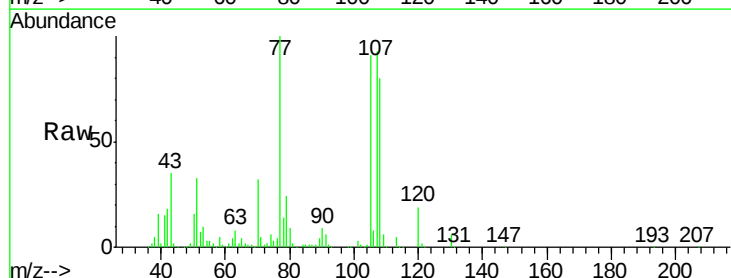
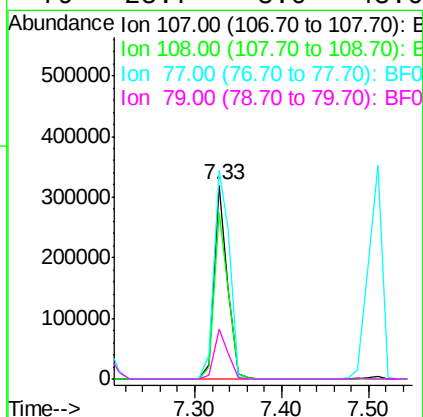
Instrument :
BNA_F
ClientSampleId :
PB88829BS

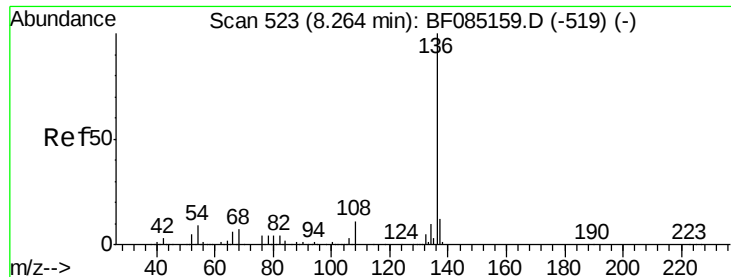
Tgt Ion: 70 Resp: 253325
Ion Ratio Lower Upper
70 100
42 49.4 37.7 56.5
101 9.8 8.2 12.4
130 22.0 20.5 30.7



#20
3+4-Methylphenols
Concen: 31.31 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion: 107 Resp: 344425
Ion Ratio Lower Upper
107 100
108 86.1 68.8 108.8
77 108.1 53.6 93.6#
79 25.7 8.0 48.0

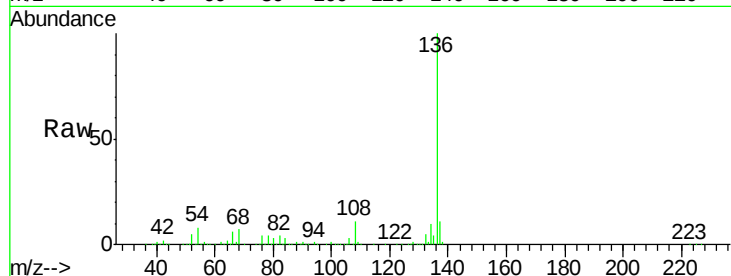




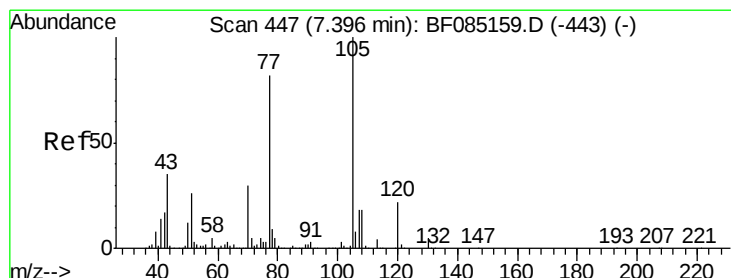
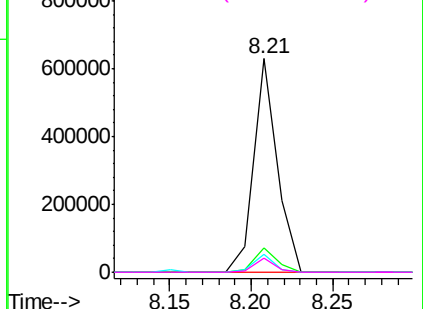
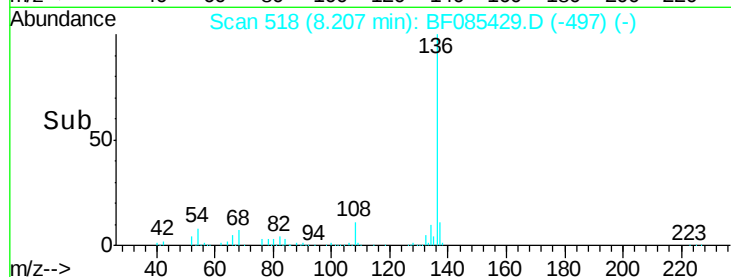
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB88829BS

Tgt Ion:	136	Resp:	629180
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.2	7.4	11.2
68	6.6	6.0	9.0

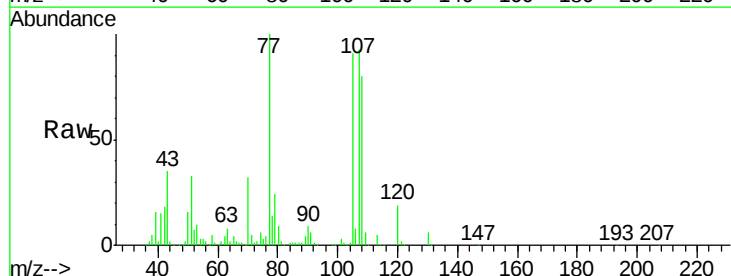


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

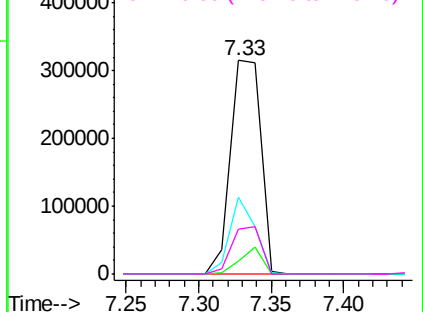
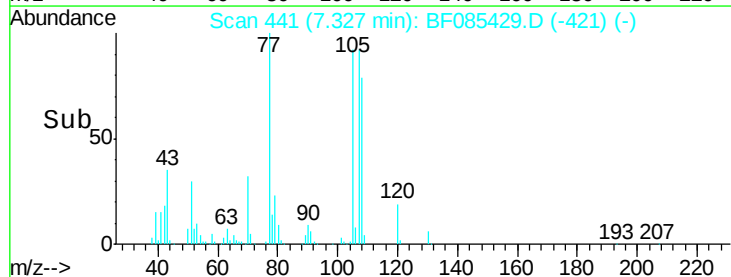


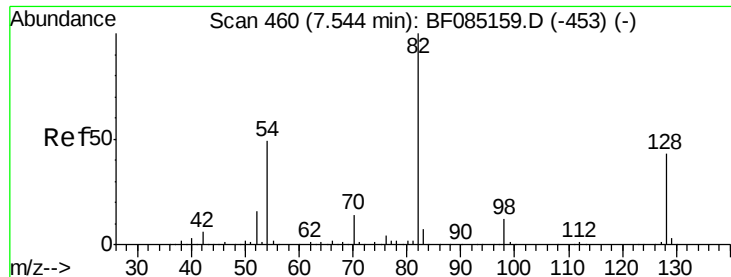
#22
Acetophenone
Concen: 29.78 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion:	105	Resp:	457327
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.1	6.1
51	35.9	21.1	31.7#
120	21.0	17.3	25.9



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

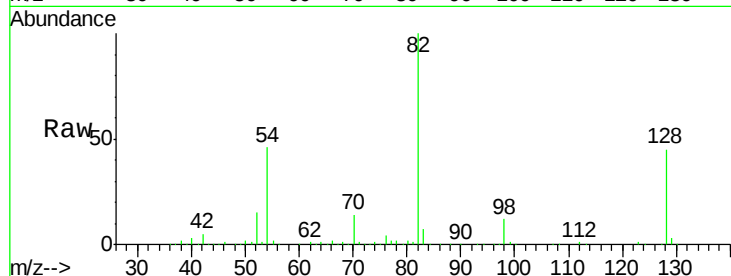




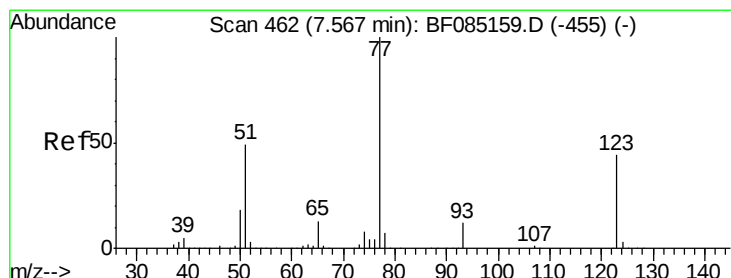
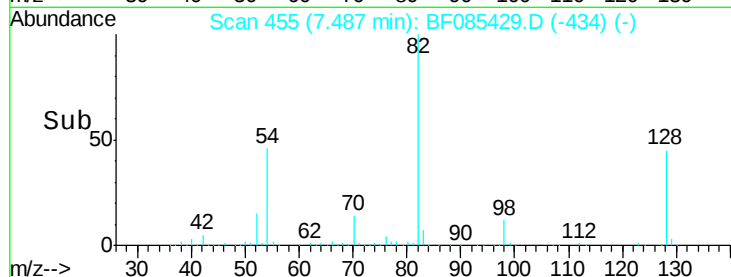
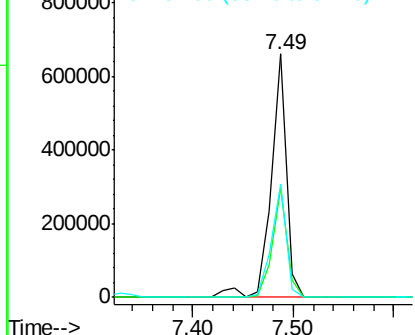
#23
 Nitrobenzene-d5
 Concen: 59.42 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.5	51.7
54	46.3	39.3	58.9

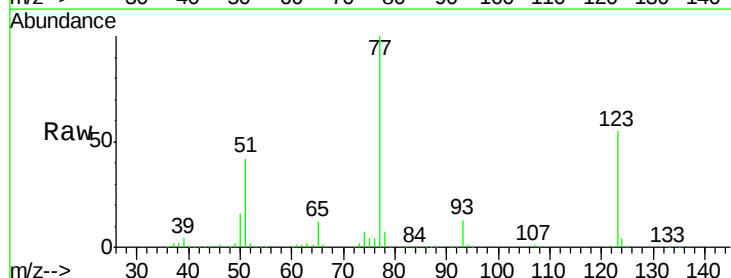


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

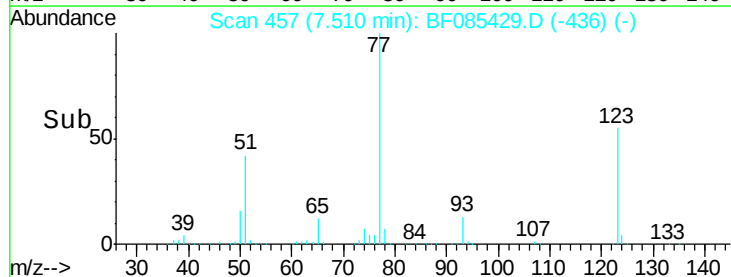
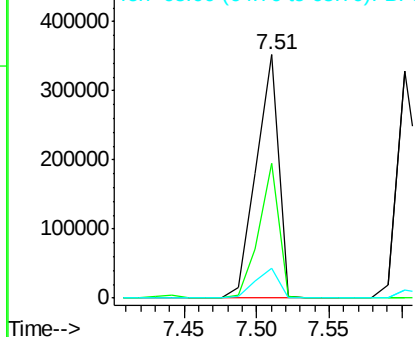


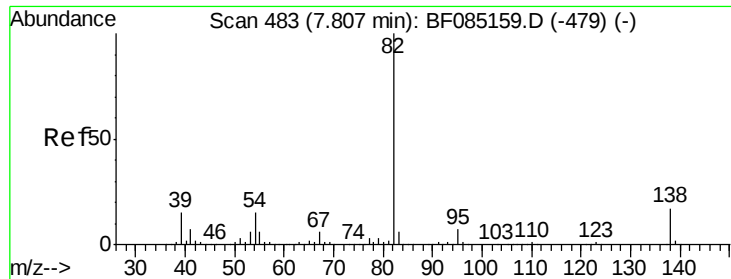
#24
 Nitrobenzene
 Concen: 31.60 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.2	35.4	53.2#
65	12.5	10.6	16.0



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

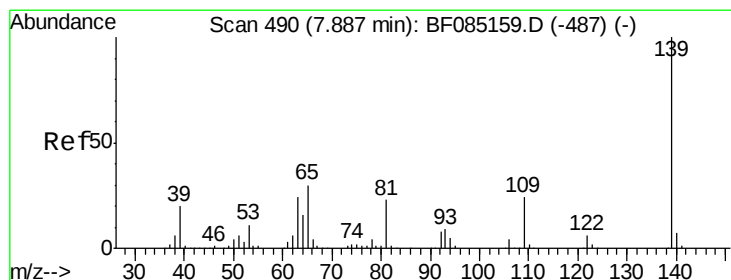
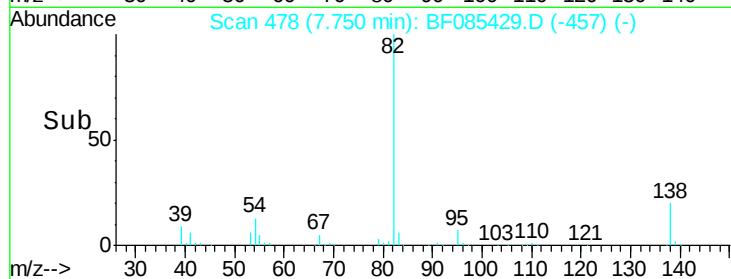
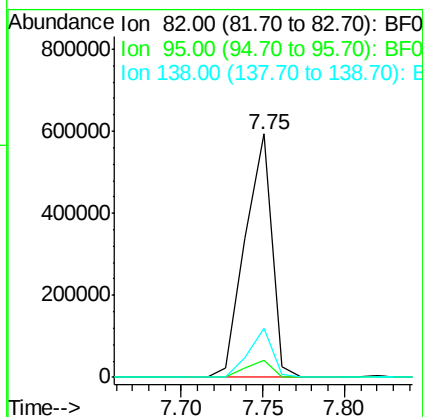
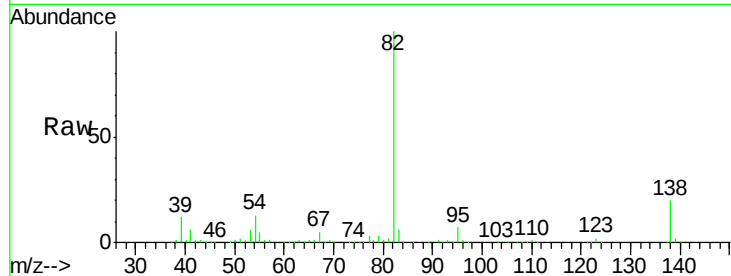




#25
Isophorone
Concen: 30.97 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

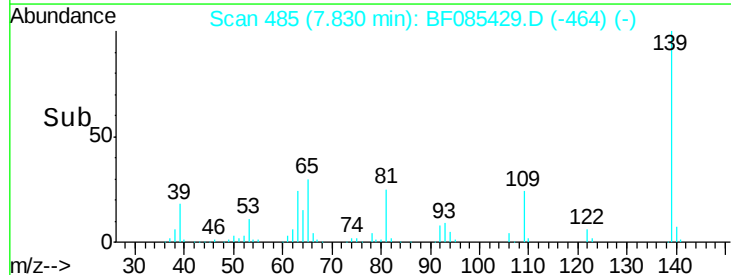
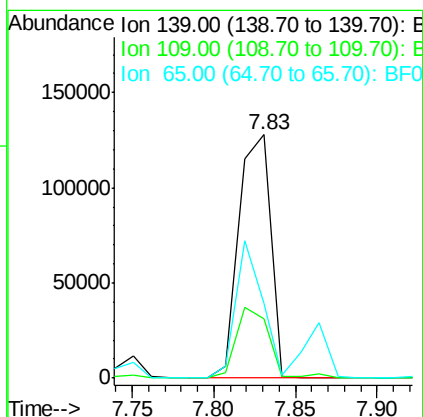
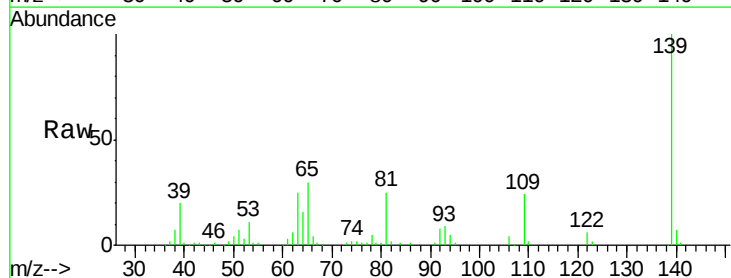
Instrument :
BNA_F
ClientSampleId :
PB88829BS

Tgt Ion: 82 Resp: 674872
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 20.0 13.3 19.9#



#26
2-Nitrophenol
Concen: 29.62 ng
RT: 7.83 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion: 139 Resp: 172140
Ion Ratio Lower Upper
139 100
109 24.5 19.1 28.7
65 30.4 23.9 35.9





#27

2,4-Dimethylphenol

Concen: 33.81 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

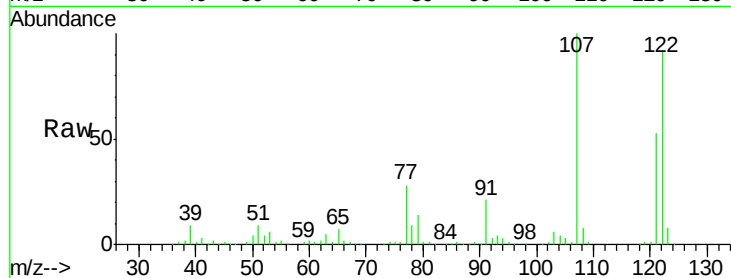
Tgt Ion: 122 Resp: 359154

Ion Ratio Lower Upper

122 100

107 108.3 84.8 127.2

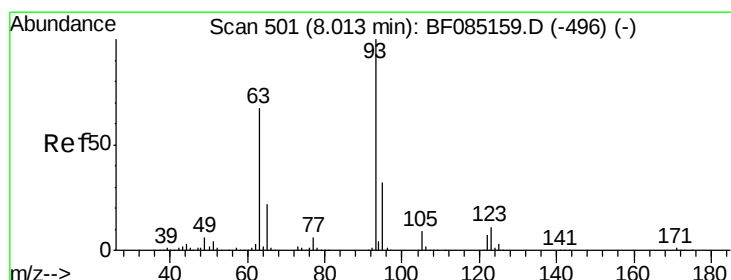
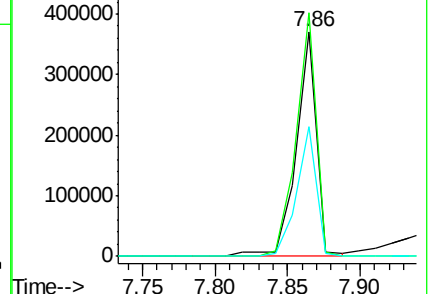
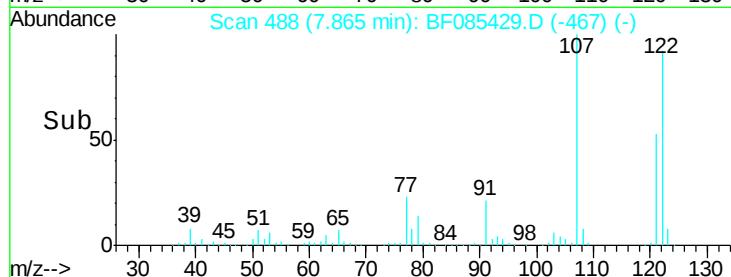
121 57.9 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.12 ng

RT: 7.96 min Scan# 496

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

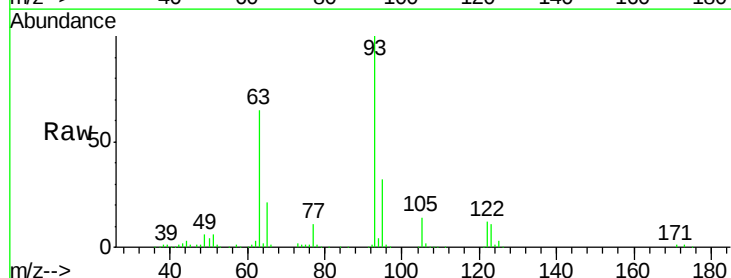
Tgt Ion: 93 Resp: 401933

Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

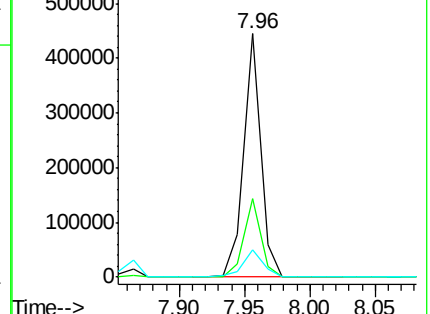
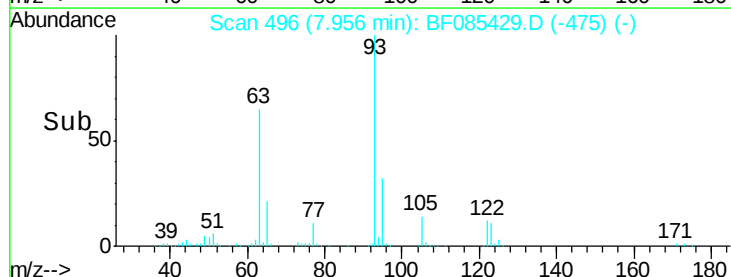
123 11.1 8.8 13.2

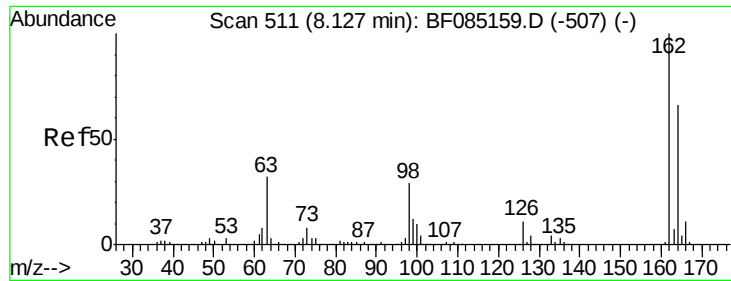


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

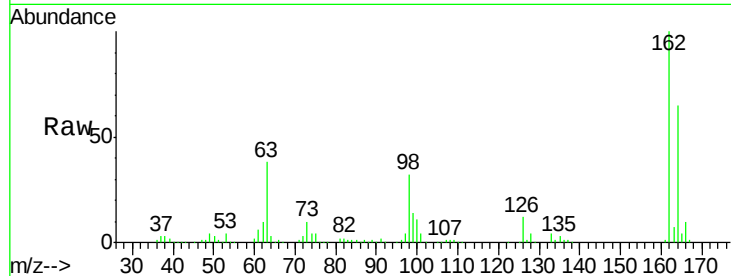




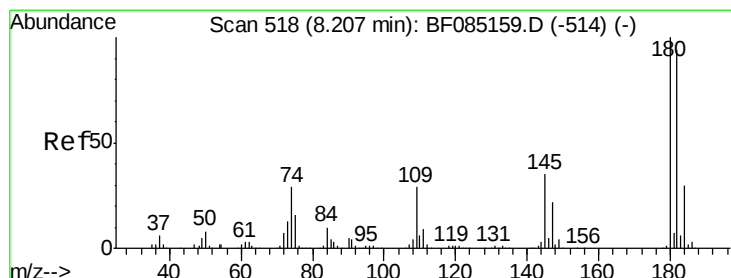
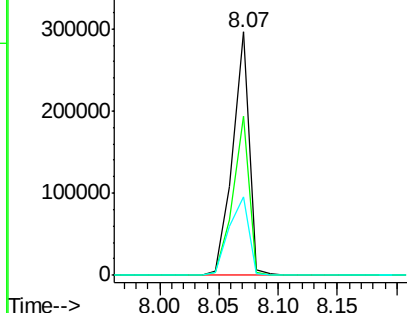
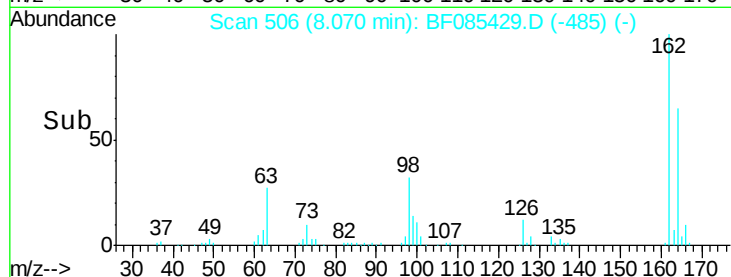
#29
 2,4-Dichlorophenol
 Concen: 33.62 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.7	85.7
98	32.2	9.4	49.4

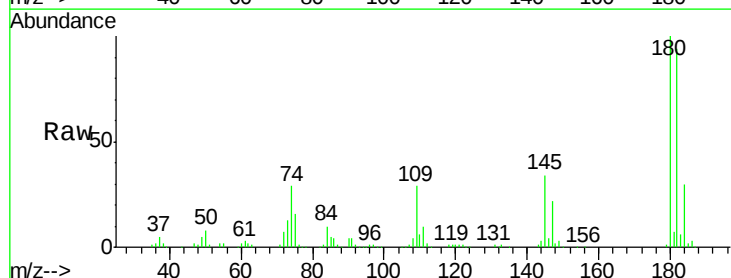


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

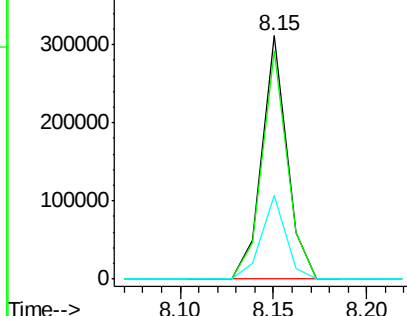
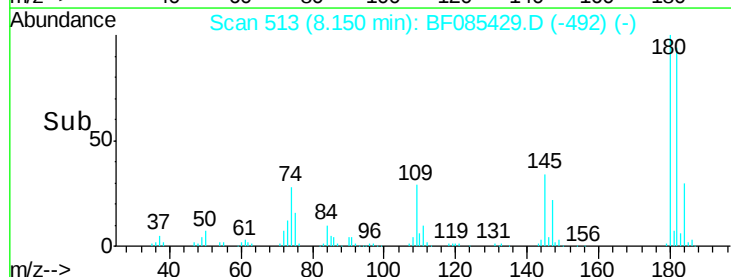


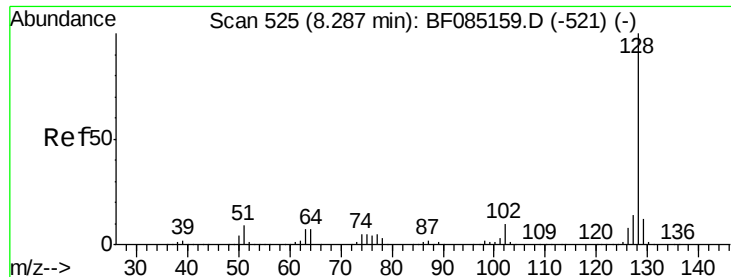
#30
 1,2,4-Trichlorobenzene
 Concen: 31.18 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.9	112.3
145	34.3	27.9	41.9



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

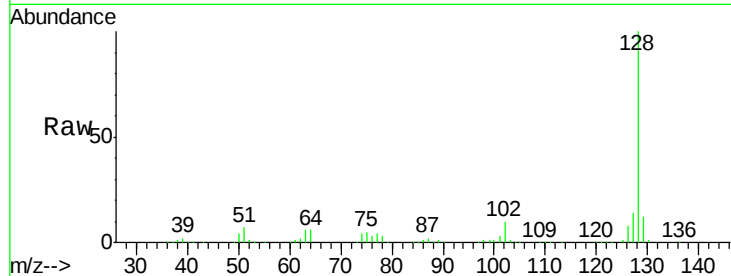




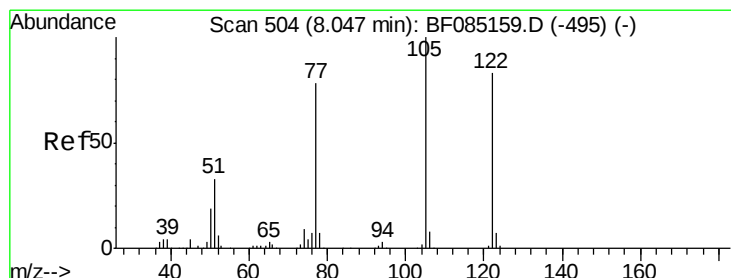
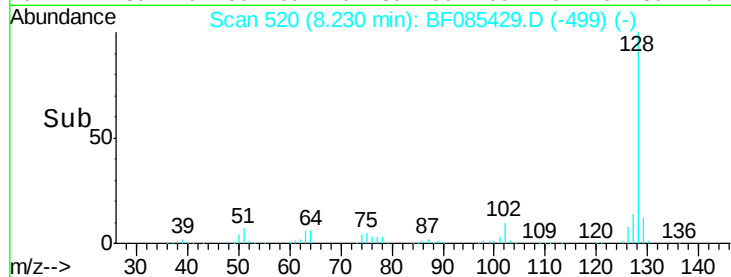
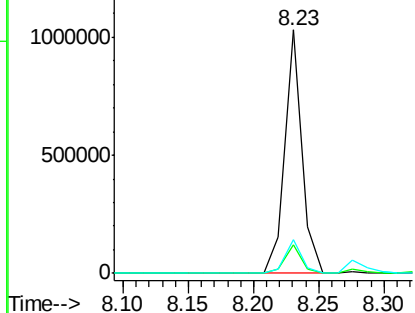
#31
Naphthalene
Concen: 30.75 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB88829BS

Tgt Ion:128 Resp: 951420
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.7 11.2 16.8

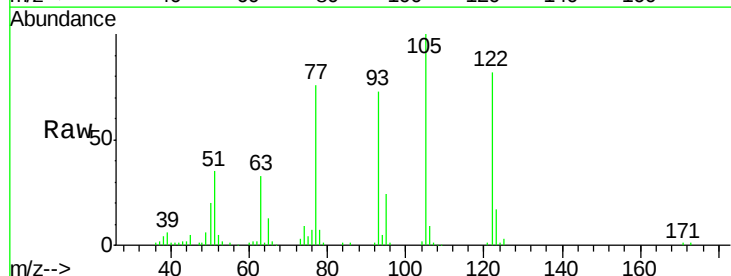


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

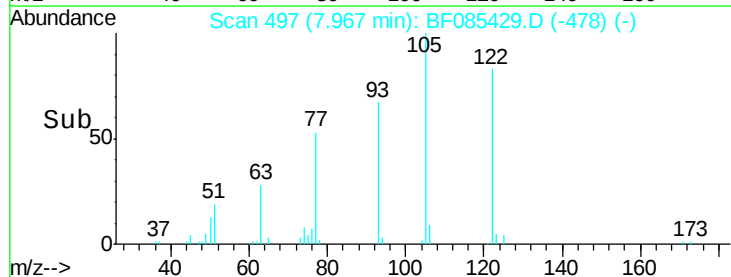
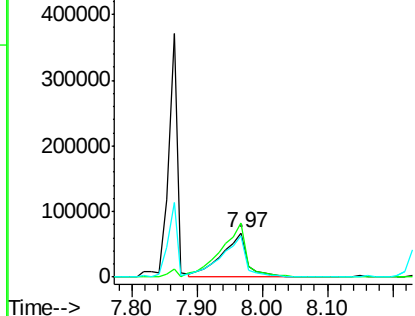


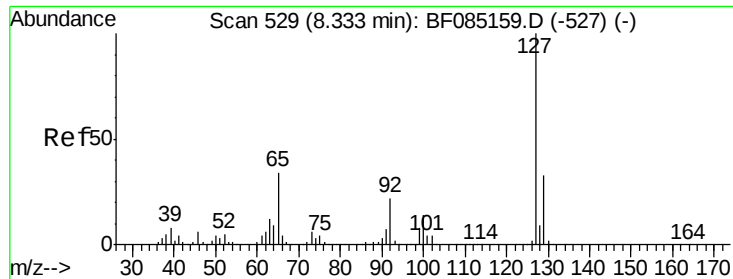
#32
Benzoic acid
Concen: 26.13 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion:122 Resp: 184346
Ion Ratio Lower Upper
122 100
105 121.5 101.3 141.3
77 92.3 74.7 114.7



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

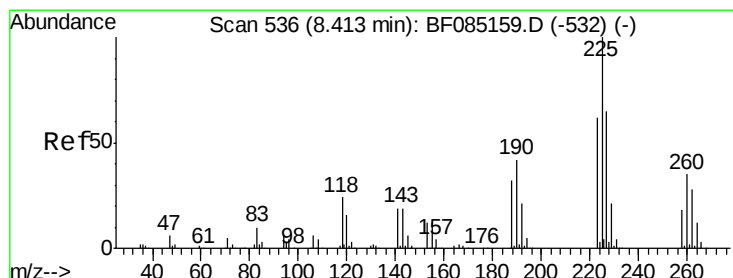
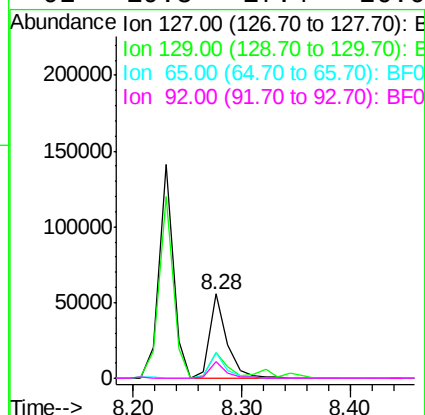
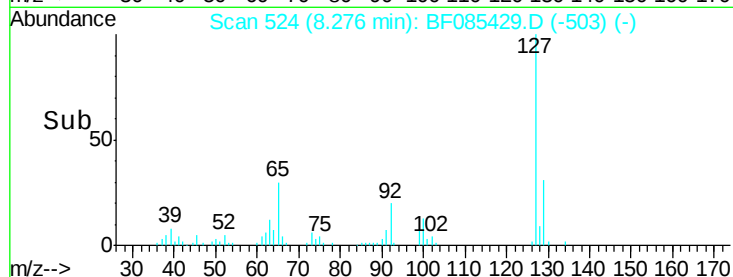
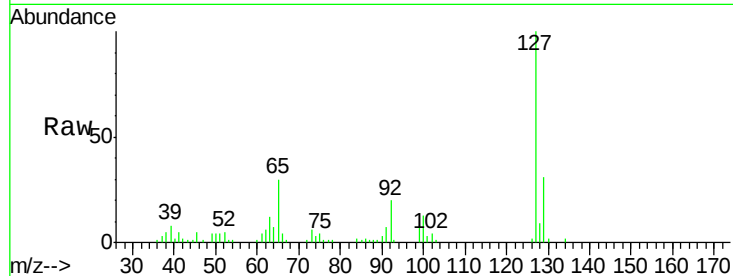




#33
4-Chloroaniline
Concen: 5.00 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

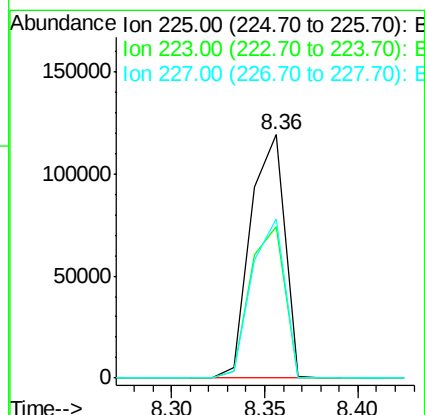
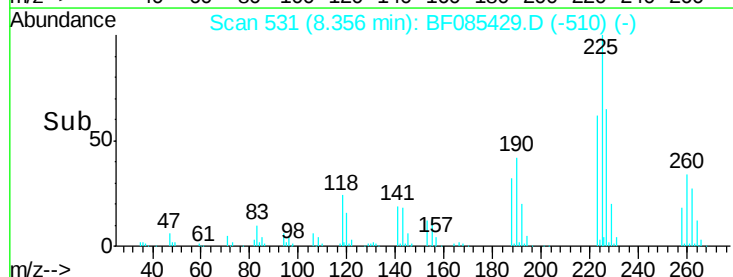
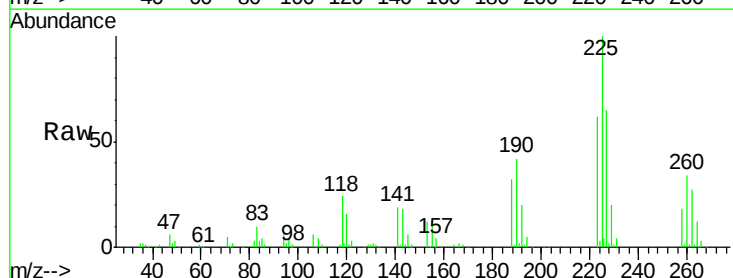
Instrument :
BNA_F
ClientSampleId :
PB88829BS

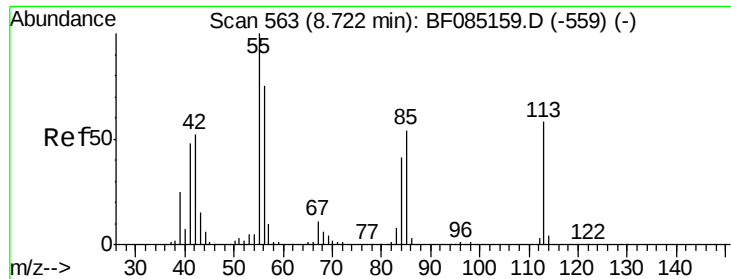
Tgt Ion:	127	Resp:	62558
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.1	39.1
65	30.0	27.0	40.6
92	19.8	17.4	26.0



#34
Hexachlorobutadiene
Concen: 31.13 ng
RT: 8.36 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion:	225	Resp:	150047
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	65.3	52.2	78.4

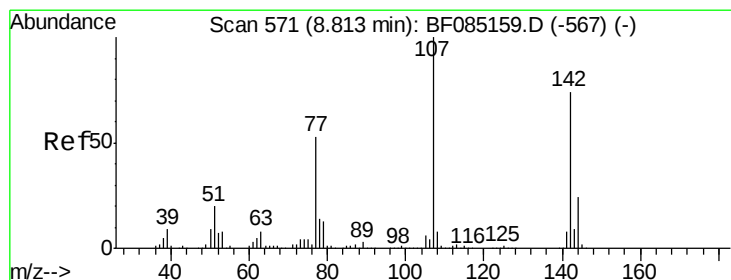
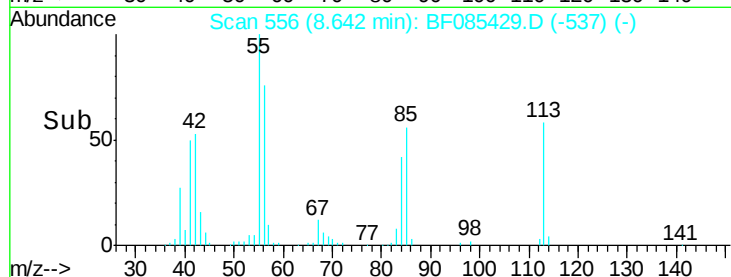
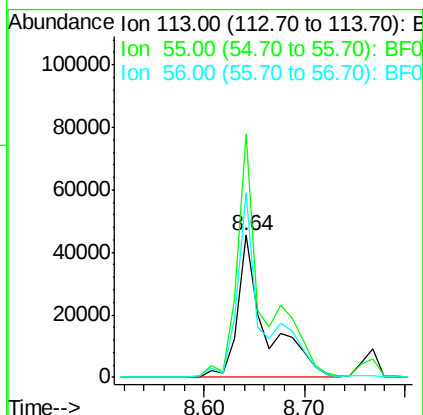
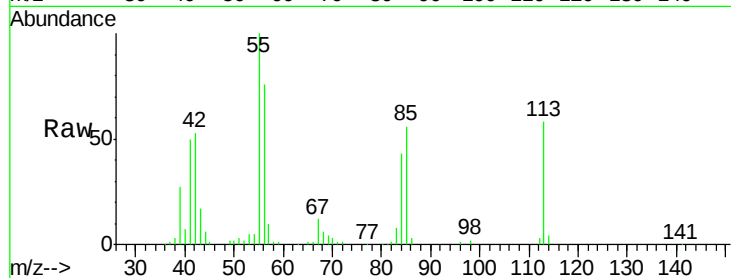




#35
 Caprolactam
 Concen: 31.76 ng
 RT: 8.64 min Scan# 556
 Delta R.T. -0.08 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

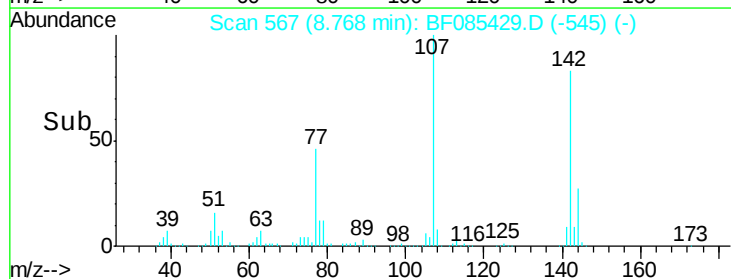
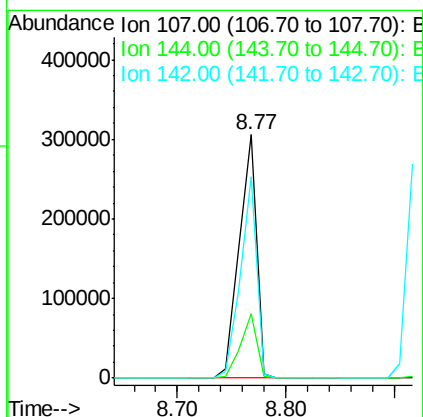
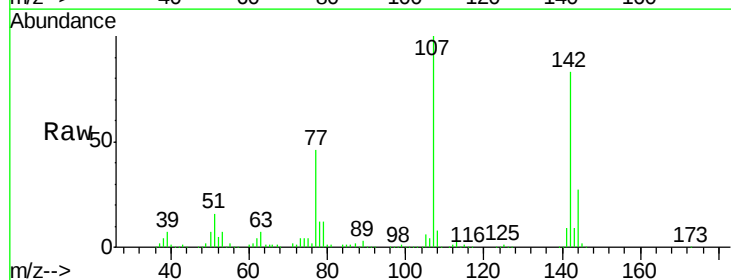
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

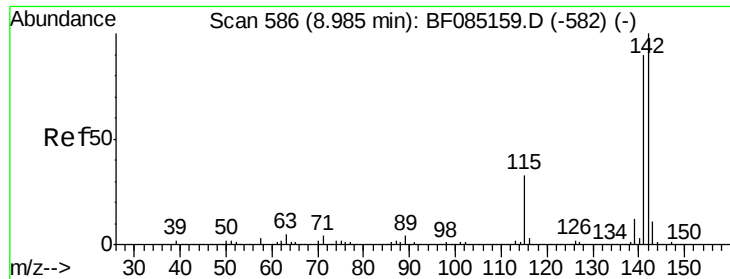
Tgt Ion:113 Resp: 88867
 Ion Ratio Lower Upper
 113 100
 55 170.9 152.7 192.7
 56 129.9 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 34.29 ng
 RT: 8.77 min Scan# 567
 Delta R.T. -0.05 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion:107 Resp: 333288
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.4 29.2
 142 82.9 59.4 89.2

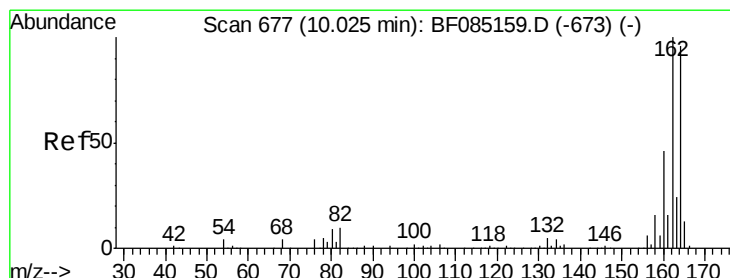
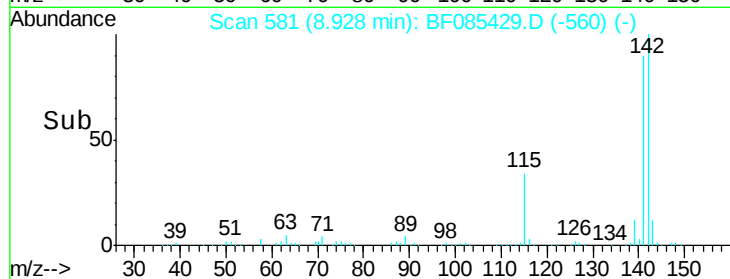
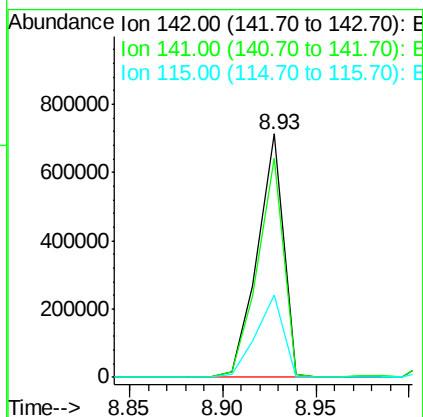
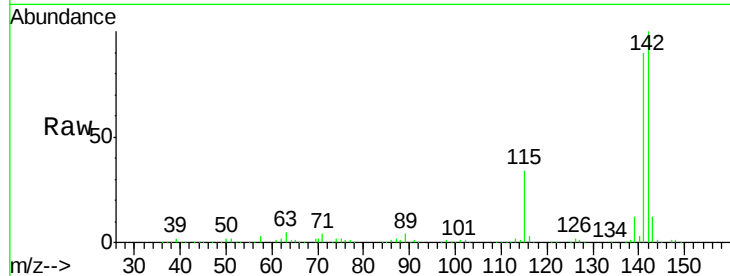




#37
2-Methylnaphthalene
Concen: 34.90 ng
RT: 8.93 min Scan# 581
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

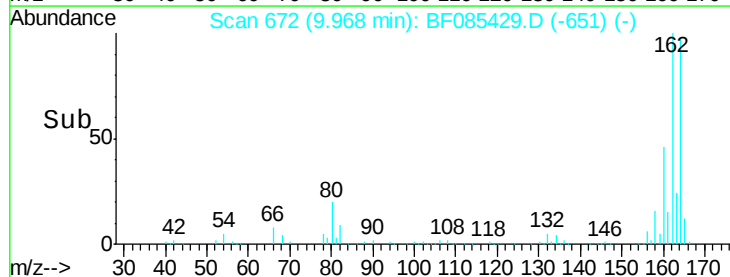
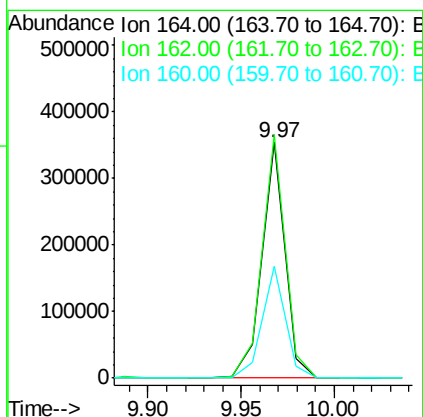
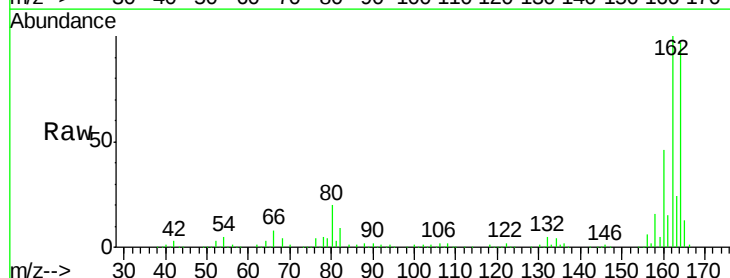
Instrument :
BNA_F
ClientSampleId :
PB88829BS

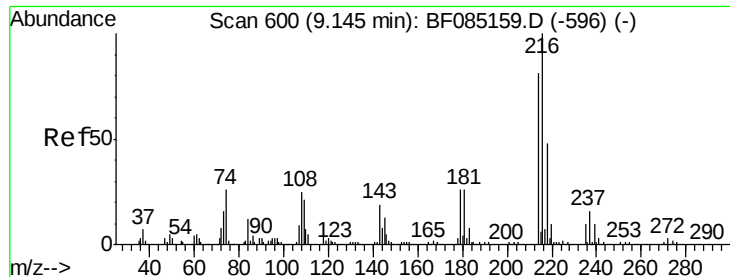
Tgt Ion:142 Resp: 692808
Ion Ratio Lower Upper
142 100
141 90.2 71.7 107.5
115 33.8 26.2 39.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion:164 Resp: 298949
Ion Ratio Lower Upper
164 100
162 103.3 83.3 124.9
160 47.4 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.62 ng

RT: 9.09 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

Tgt Ion:216 Resp: 244661

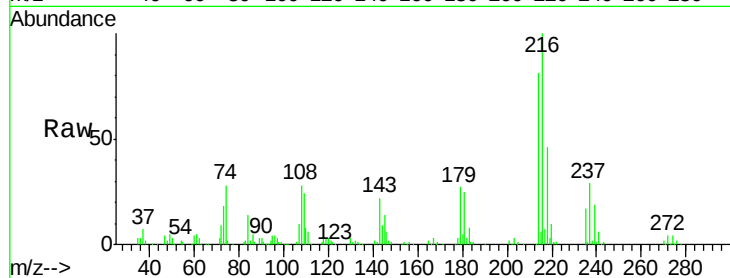
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 23.6 19.6 29.4

108 25.1 19.6 29.4

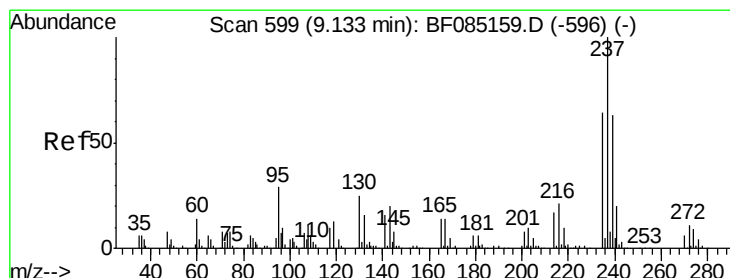
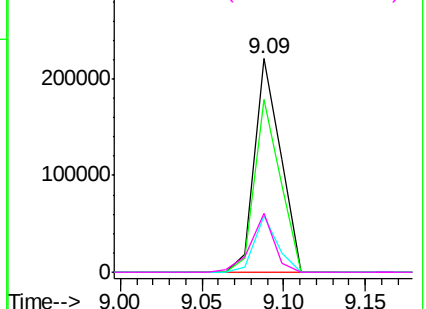
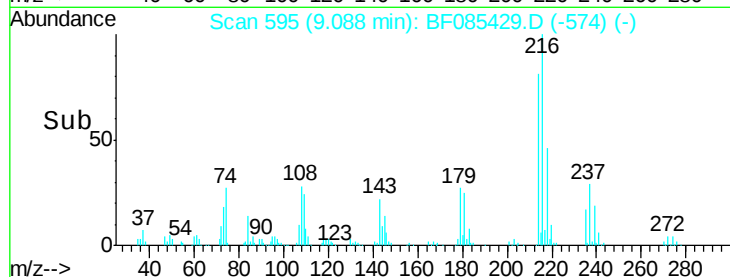


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.98 ng

RT: 9.08 min Scan# 594

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

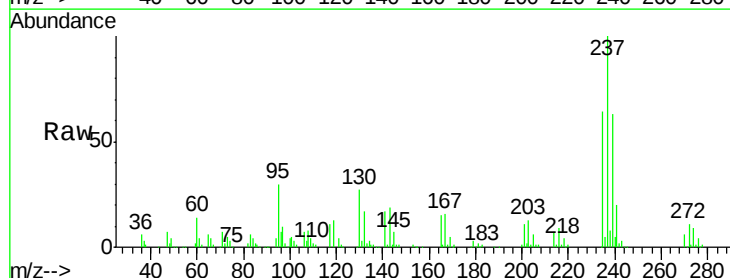
Tgt Ion:237 Resp: 202822

Ion Ratio Lower Upper

237 100

235 63.7 43.7 83.7

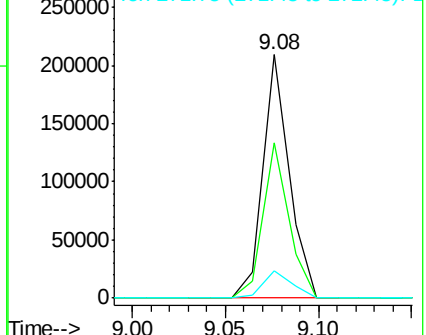
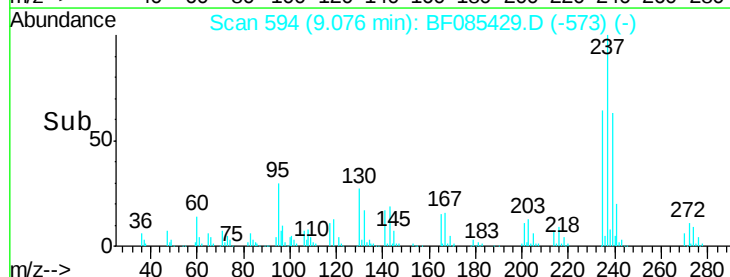
272 11.3 0.0 31.5

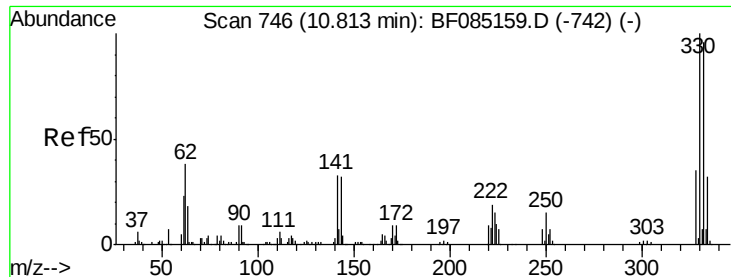


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

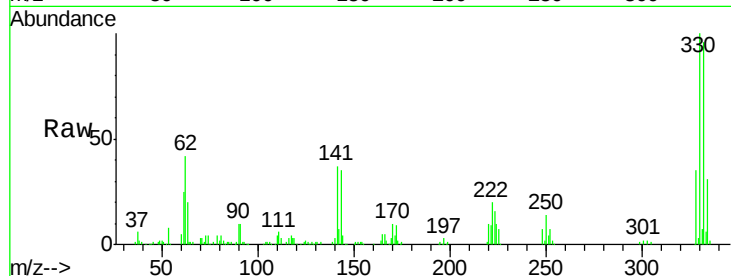




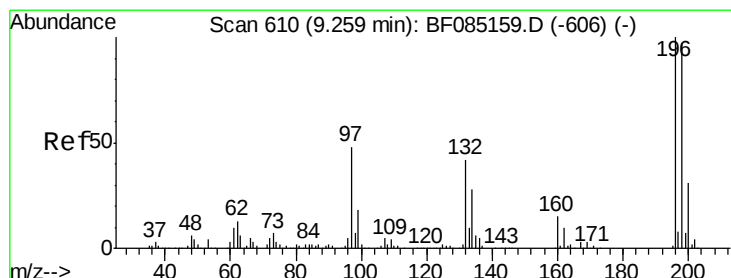
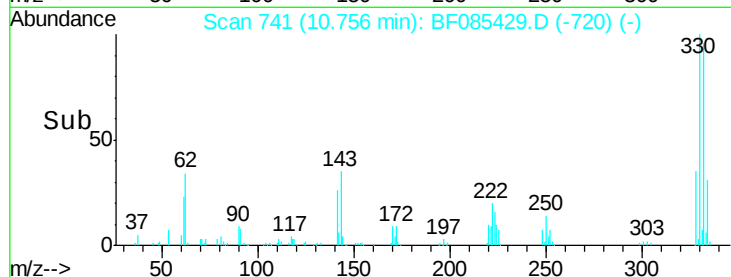
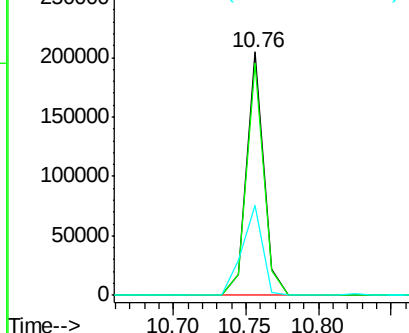
#41
 2,4,6-Tribromophenol
 Concen: 65.86 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

Tgt Ion:330 Resp: 168470
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 43.8 35.0 52.6

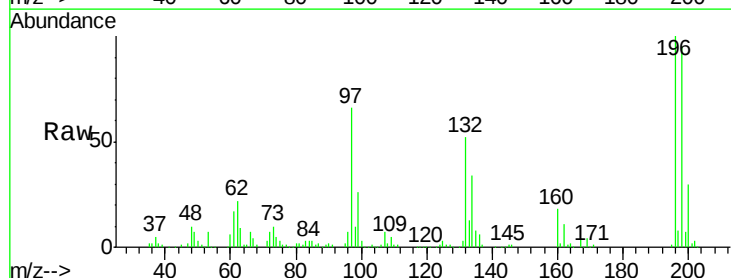


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

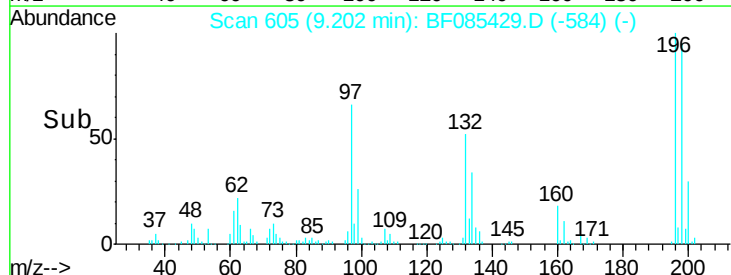
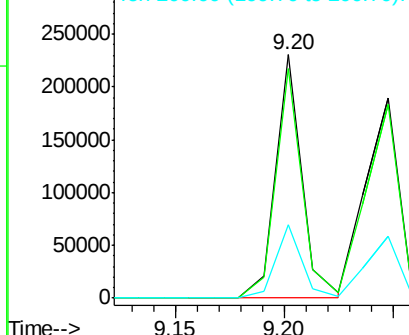


#42
 2,4,6-Trichlorophenol
 Concen: 30.71 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion:196 Resp: 195465
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.8 116.6
 200 30.3 25.0 37.6



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

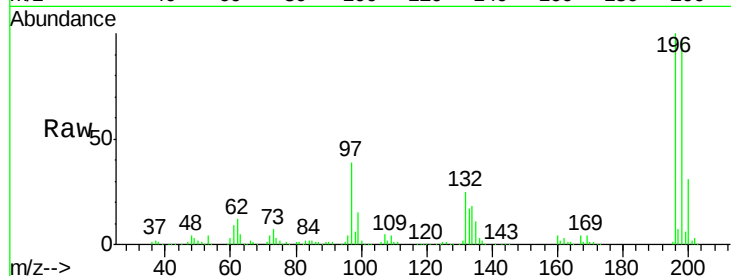




#43
 2,4,5-Trichlorophenol
 Concen: 33.29 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.05 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
97	38.8	46.4	69.6#
132	25.3	26.2	39.4#



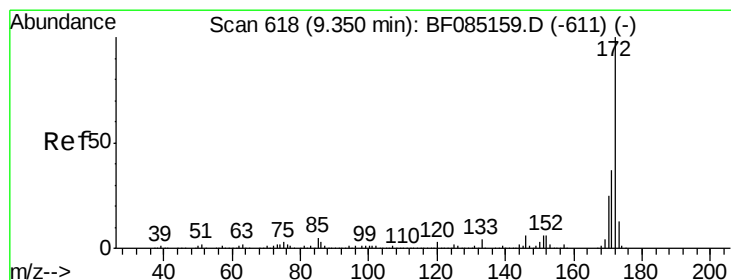
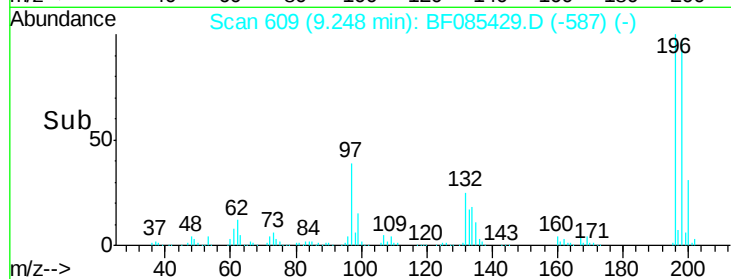
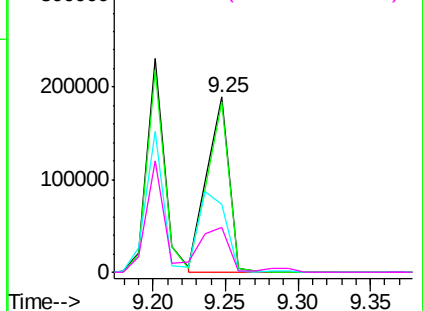
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

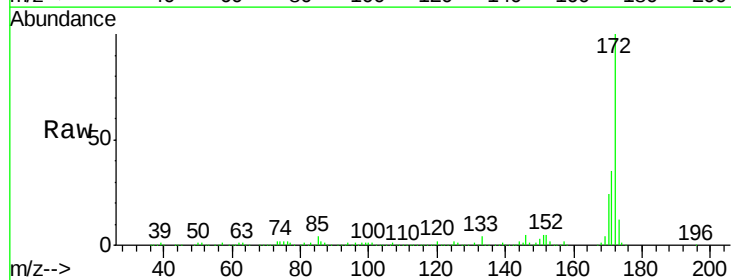
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.61 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.8	20.0	30.0

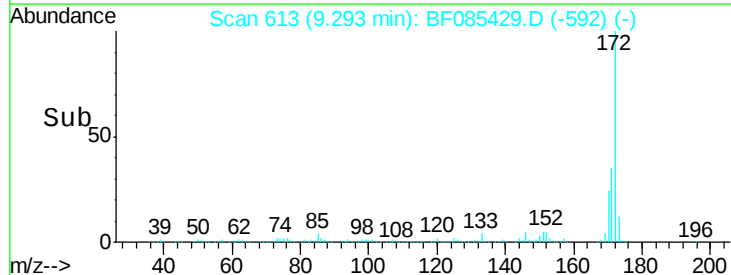
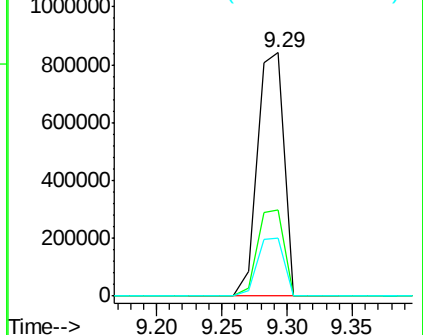


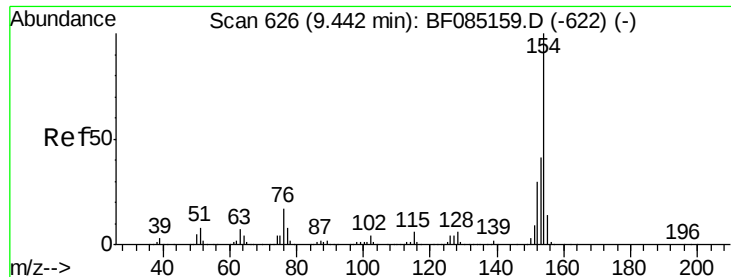
Abundance

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

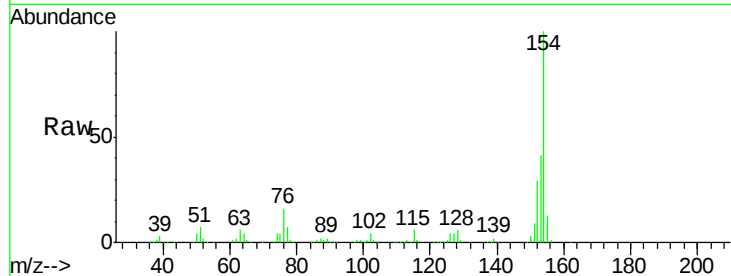




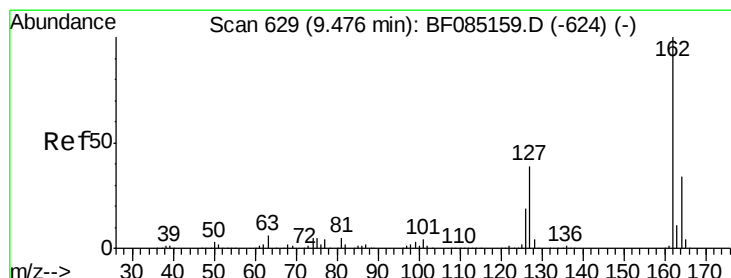
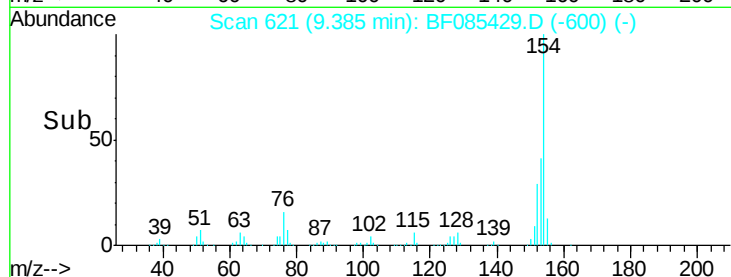
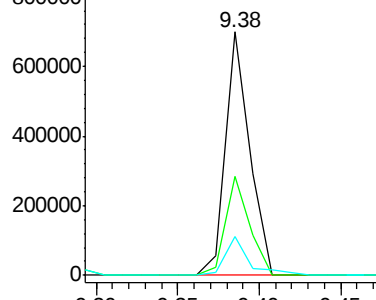
#45
 1,1'-Biphenyl
 Concen: 28.23 ng
 RT: 9.38 min Scan# 621
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	15.7	0.0	37.5

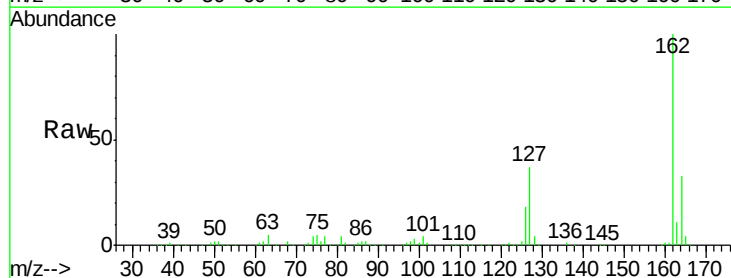


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

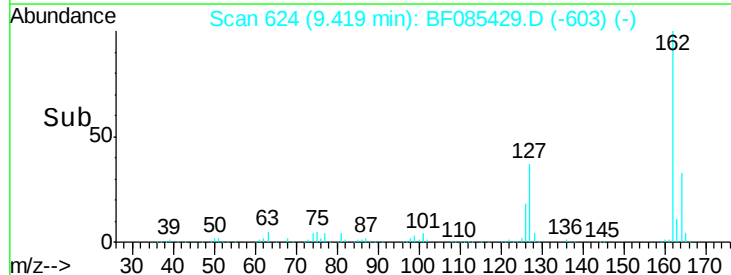
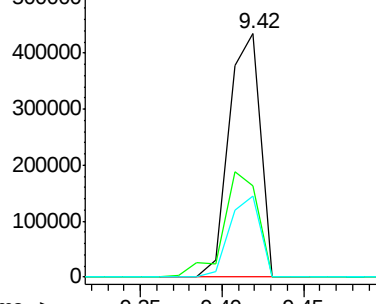


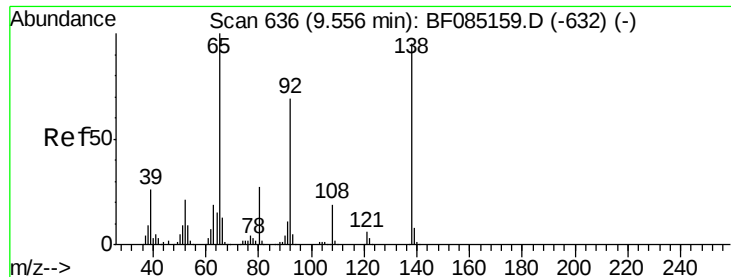
#46
 2-Chloronaphthalene
 Concen: 29.75 ng
 RT: 9.42 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.6	47.4
164	33.5	27.1	40.7



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

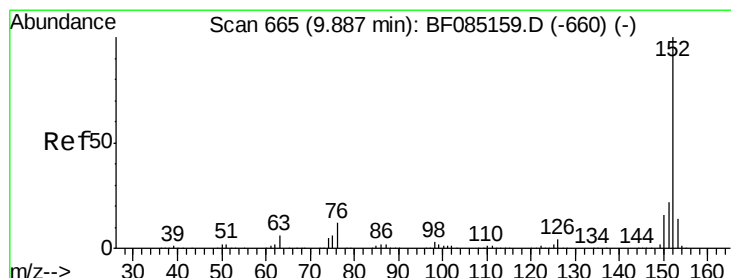
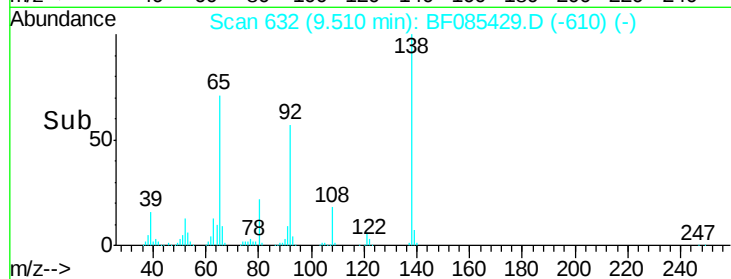
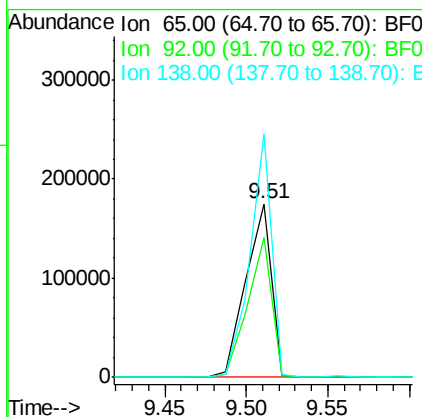
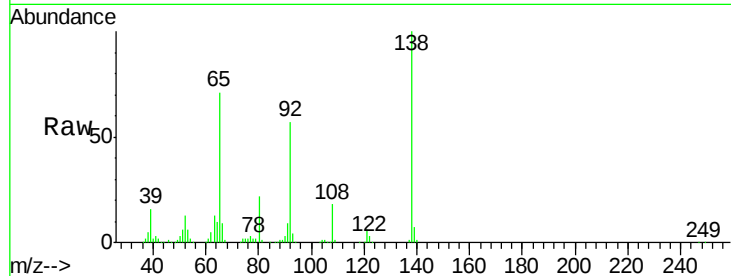




#47
2-Nitroaniline
Concen: 31.53 ng
RT: 9.51 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

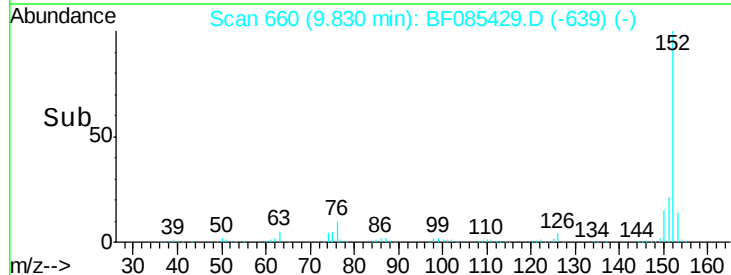
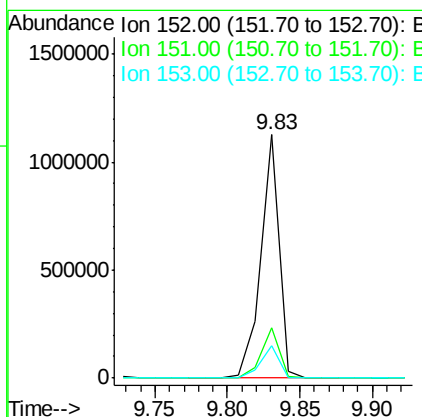
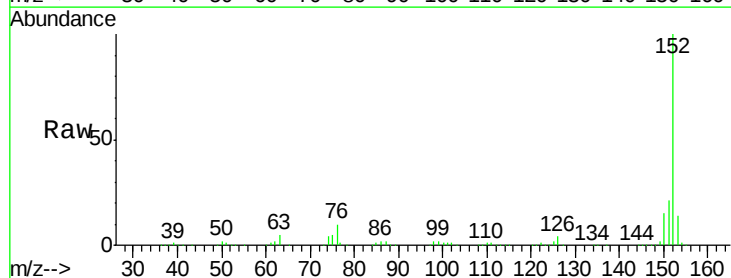
Instrument :
BNA_F
ClientSampleId :
PB88829BS

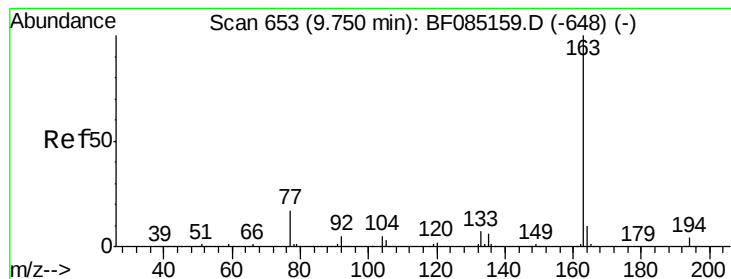
Tgt Ion: 65 Resp: 190206
Ion Ratio Lower Upper
65 100
92 80.2 55.4 83.2
138 140.2 75.7 113.5#



#48
Acenaphthylene
Concen: 32.62 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion: 152 Resp: 988332
Ion Ratio Lower Upper
152 100
151 20.7 17.5 26.3
153 13.6 11.3 16.9





#49

Dimethylphthalate

Concen: 30.85 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

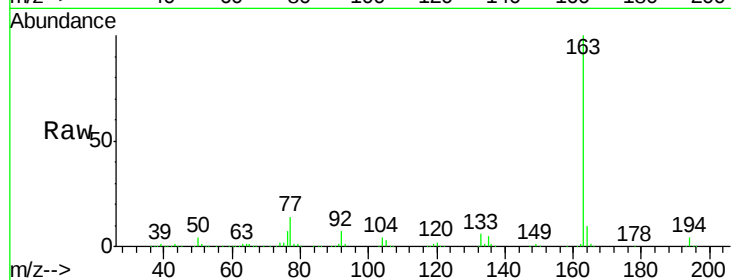
Tgt Ion:163 Resp: 707806

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

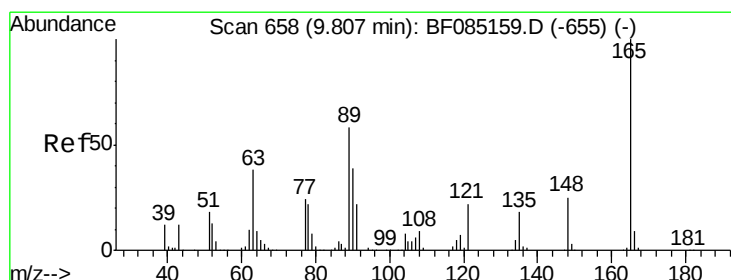
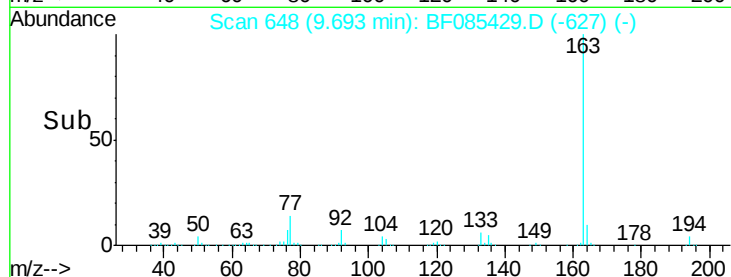
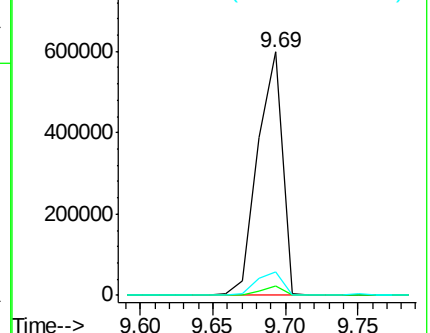
164 9.7 8.2 12.4



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: 32.13 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

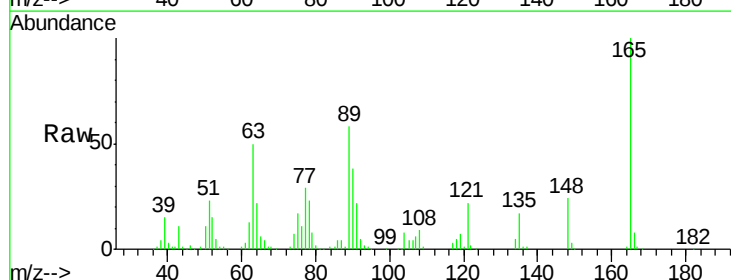
Tgt Ion:165 Resp: 157722

Ion Ratio Lower Upper

165 100

63 50.1 41.8 62.8

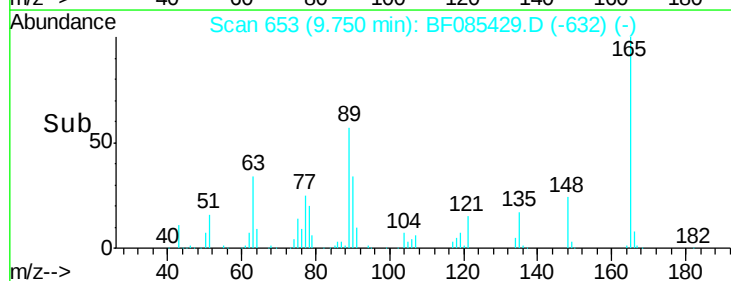
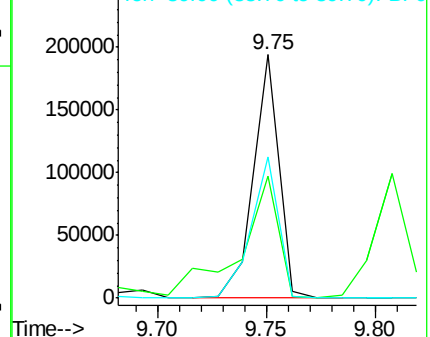
89 57.9 46.7 70.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.58 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

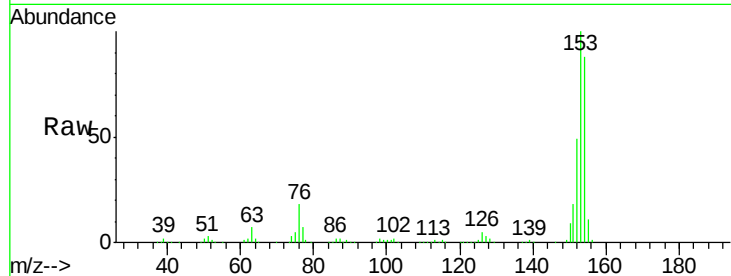
Tgt Ion:154 Resp: 636113

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.8

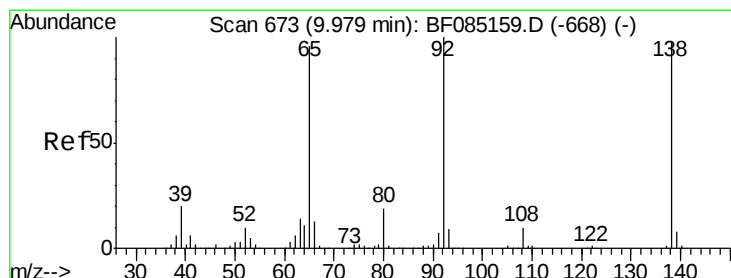
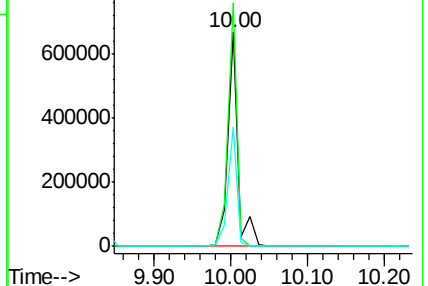
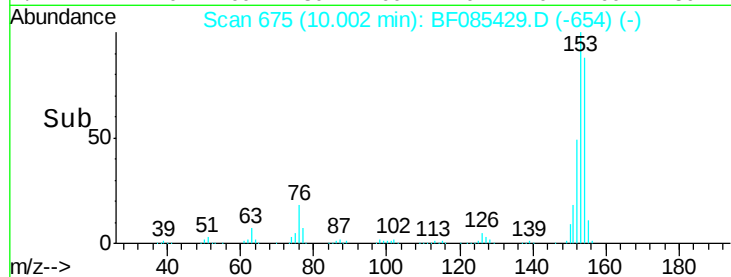
152 55.9 44.6 66.8



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: 12.63 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.07 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

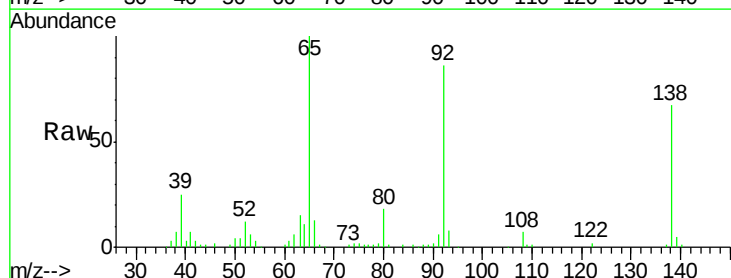
Tgt Ion:138 Resp: 74189

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.6

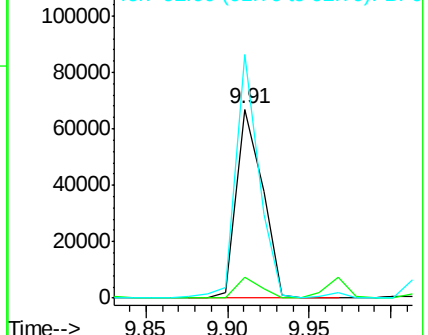
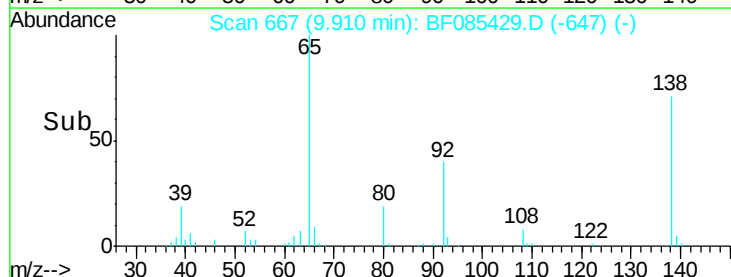
92 129.0 81.3 121.9#

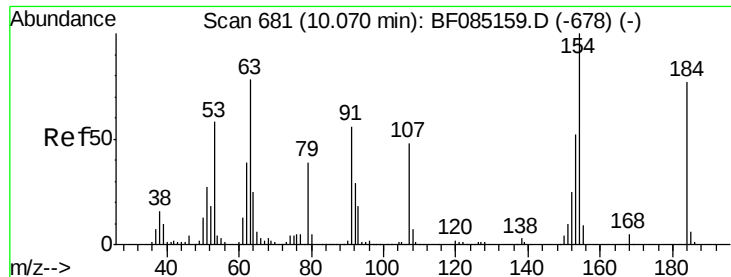


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

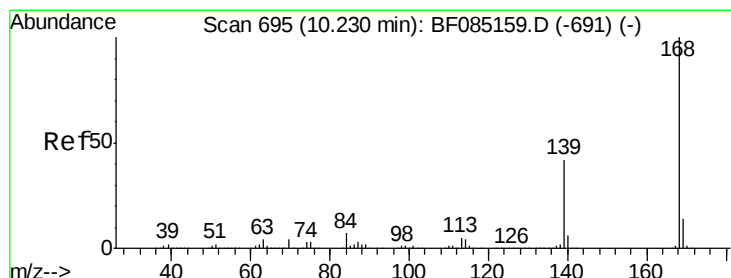
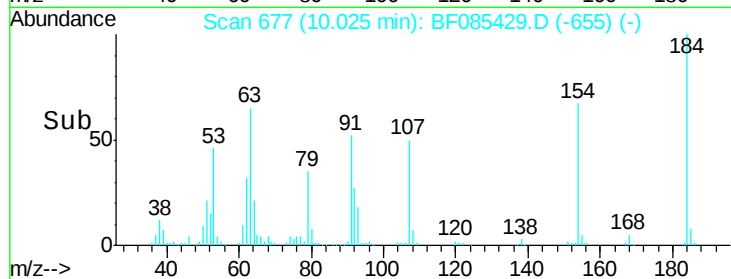
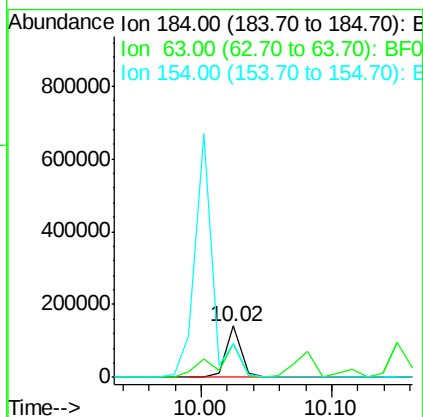
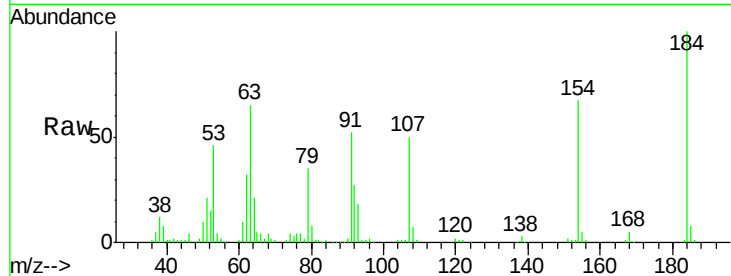




#53
 2,4-Dinitrophenol
 Concen: 49.51 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

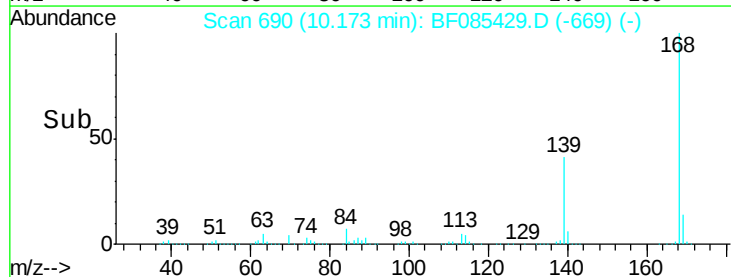
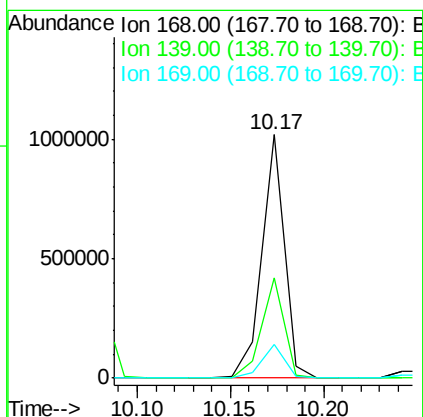
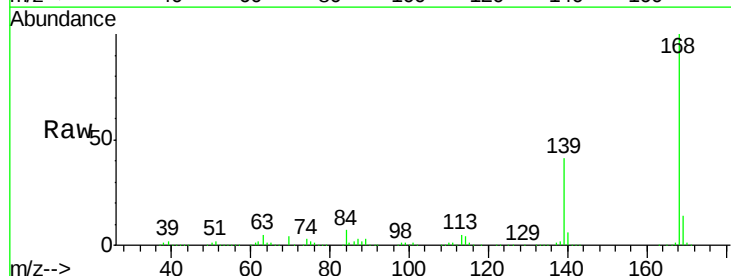
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

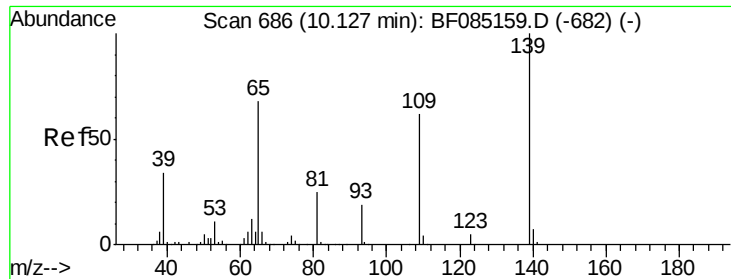
Tgt Ion:184 Resp: 114864
 Ion Ratio Lower Upper
 184 100
 63 65.2 82.2 123.4#
 154 66.7 108.9 163.3#



#54
 Dibenzofuran
 Concen: 34.95 ng
 RT: 10.17 min Scan# 690
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion:168 Resp: 842391
 Ion Ratio Lower Upper
 168 100
 139 41.2 33.6 50.4
 169 13.6 11.2 16.8

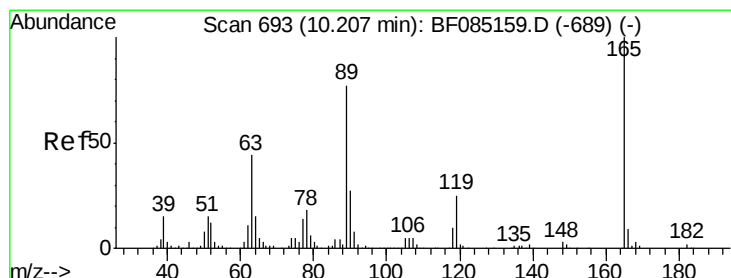
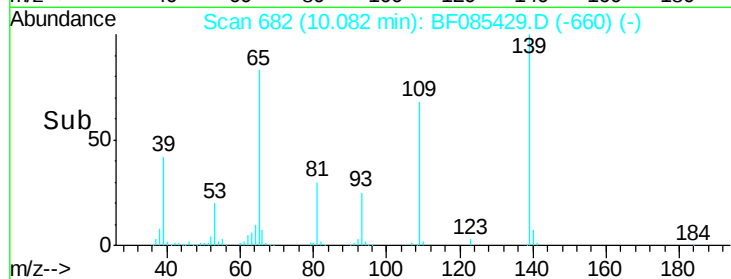
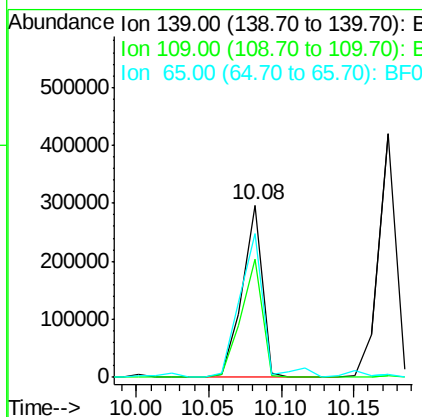
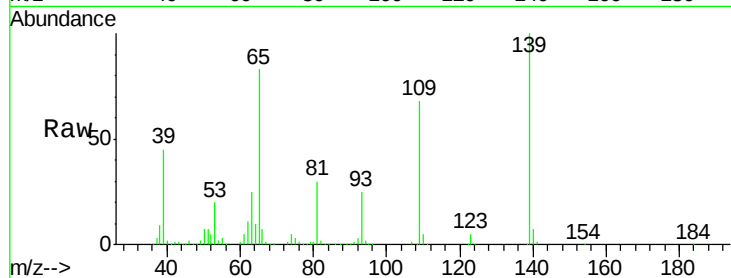




#55
4-Nitrophenol
Concen: 62.60 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

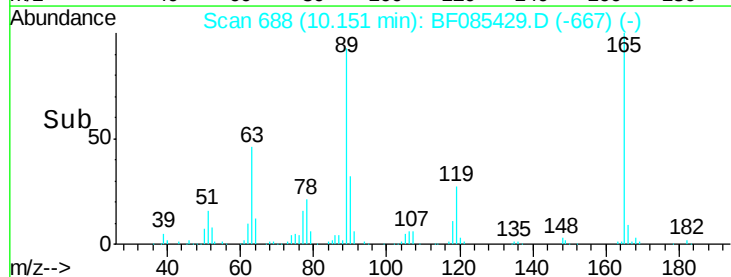
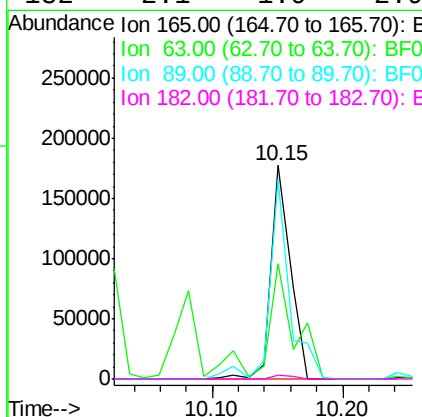
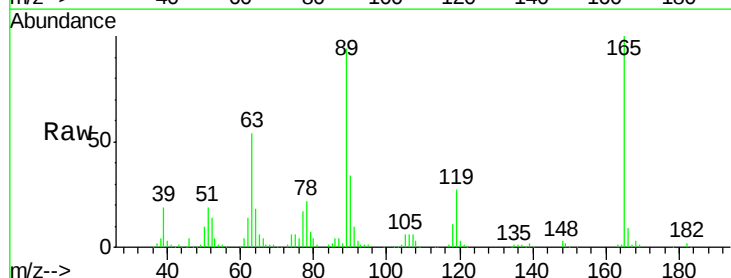
Instrument :
BNA_F
ClientSampleId :
PB88829BS

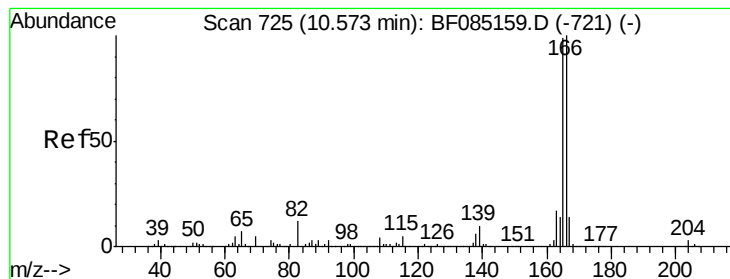
Tgt Ion:139 Resp: 288941
Ion Ratio Lower Upper
139 100
109 68.4 41.9 81.9
65 83.3 48.3 88.3



#56
2,4-Dinitrotoluene
Concen: 29.34 ng
RT: 10.15 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion:165 Resp: 184344
Ion Ratio Lower Upper
165 100
63 54.2 35.4 53.0#
89 93.6 61.9 92.9#
182 2.1 1.9 2.9





#57

Fluorene

Concen: 34.32 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

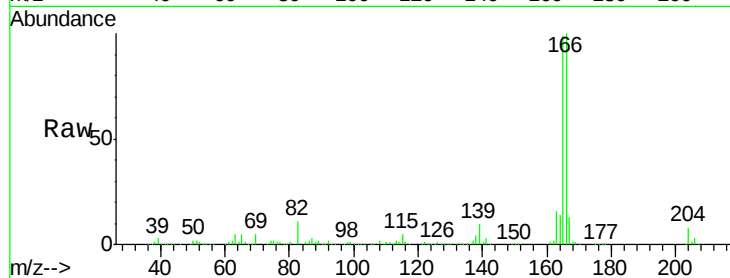
Tgt Ion:166 Resp: 649752

Ion Ratio Lower Upper

166 100

165 98.6 79.4 119.0

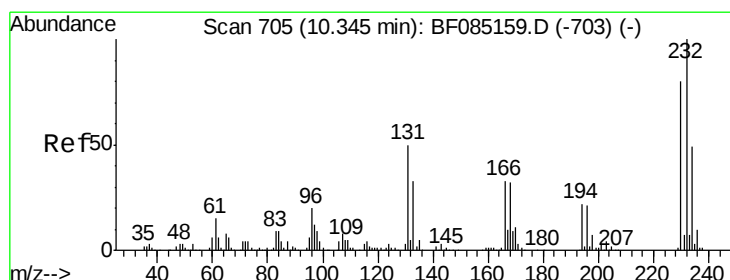
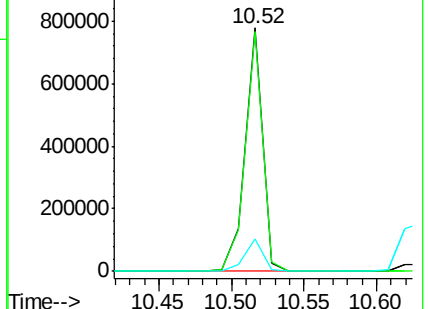
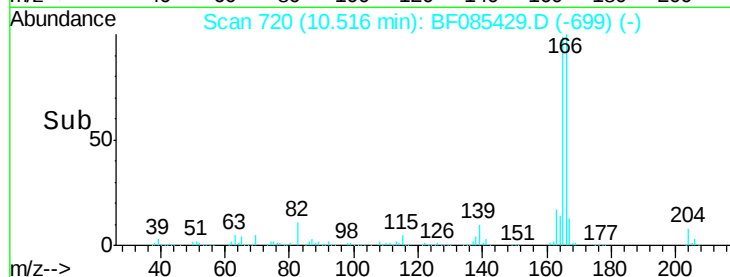
167 13.3 11.0 16.6



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: 33.95 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Tgt Ion:232 Resp: 143920

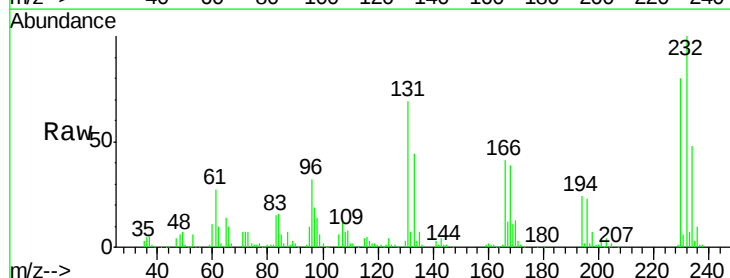
Ion Ratio Lower Upper

232 100

131 58.8 46.0 69.0

130 2.8 2.2 3.4

166 35.9 28.8 43.2

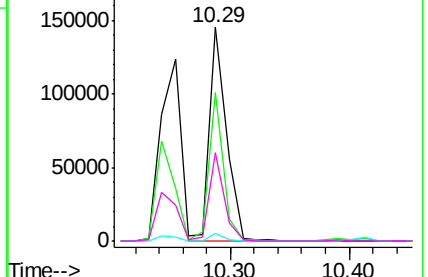
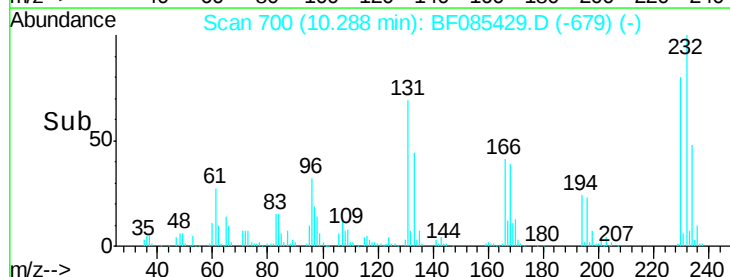


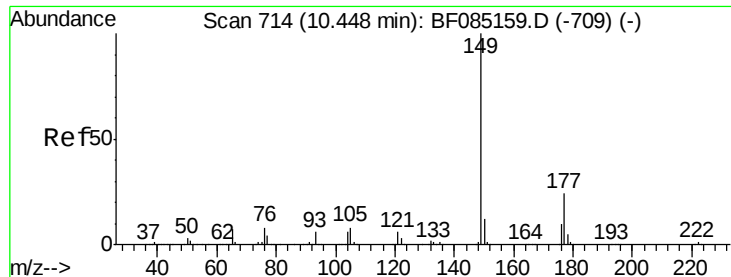
Abundance Ion 232.00 (231.70 to 232.70): E

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

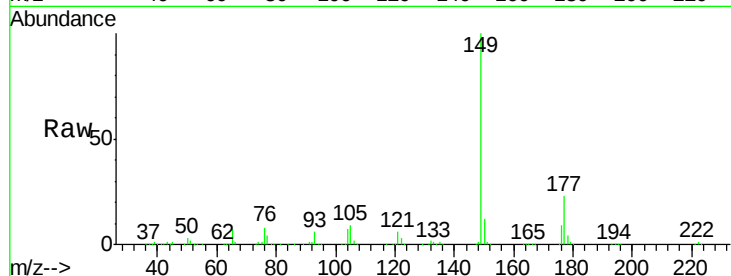




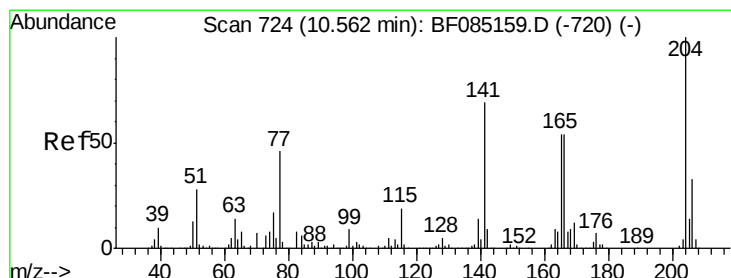
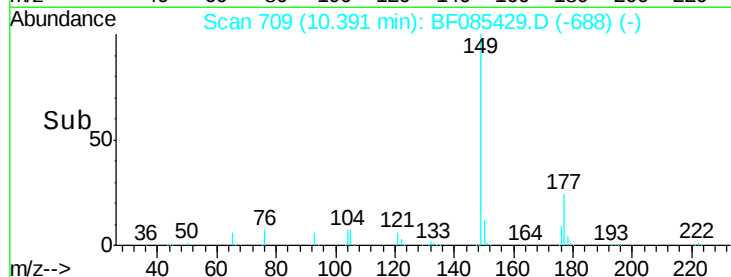
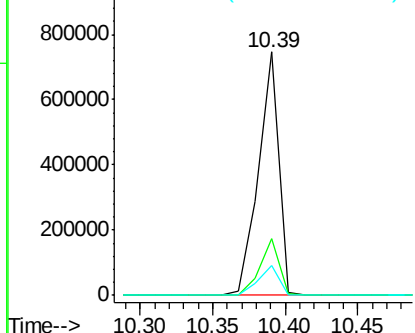
#59
Diethylphthalate
Concen: 32.58 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB88829BS

Tgt Ion:149 Resp: 725503
Ion Ratio Lower Upper
149 100
177 23.5 19.2 28.8
150 12.4 9.9 14.9

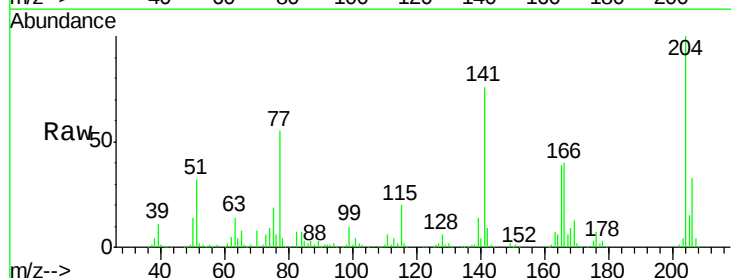


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

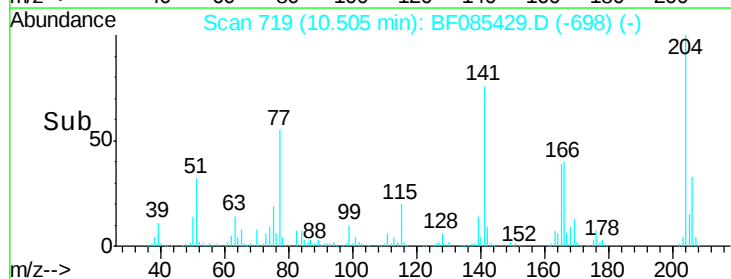
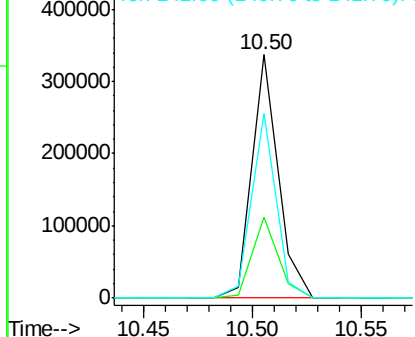


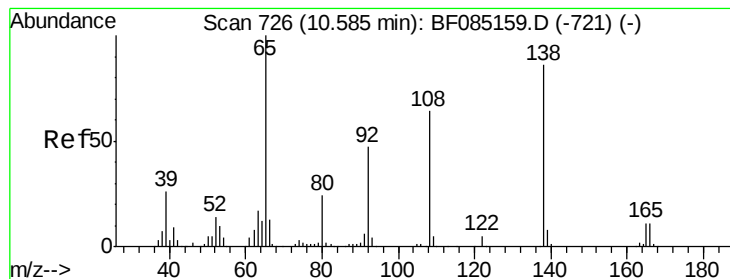
#60
4-Chlorophenyl-phenylether
Concen: 30.74 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion:204 Resp: 283160
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 75.8 55.4 83.2



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





#61

4-Nitroaniline

Concen: 24.87 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

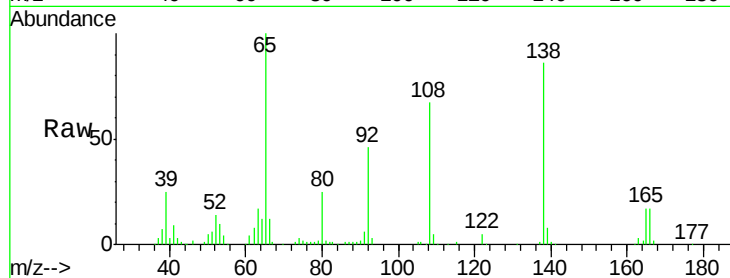
Tgt Ion: 138 Resp: 136598

Ion Ratio Lower Upper

138 100

92 53.9 34.2 74.2

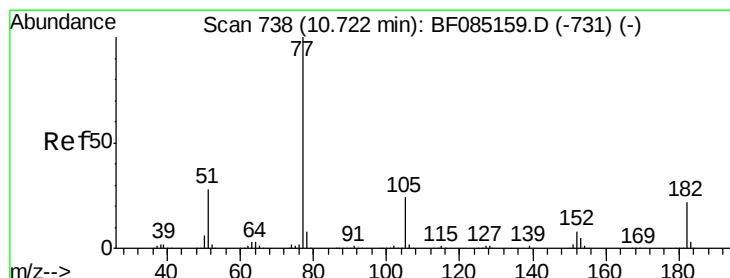
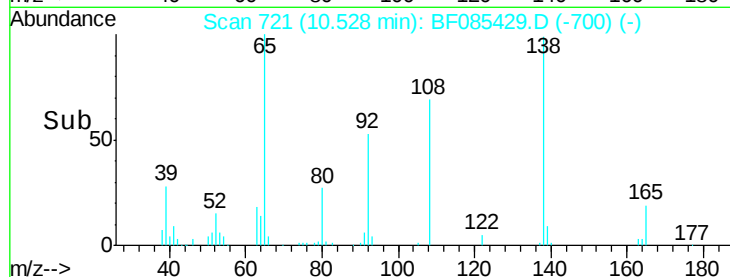
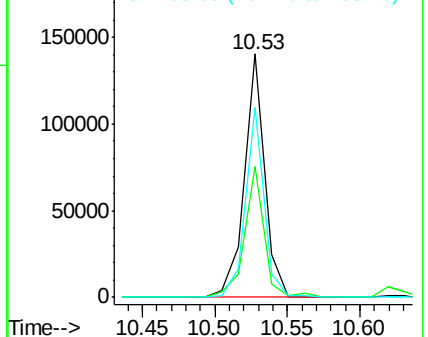
108 78.1 53.9 93.9



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: 30.77 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Tgt Ion: 77 Resp: 674908

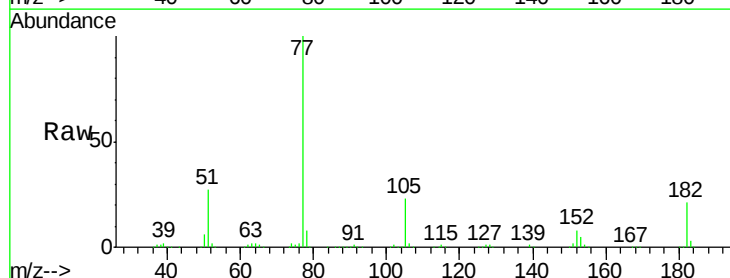
Ion Ratio Lower Upper

77 100

182 20.6 2.1 42.1

105 23.4 3.8 43.8

51 27.0 7.8 47.8

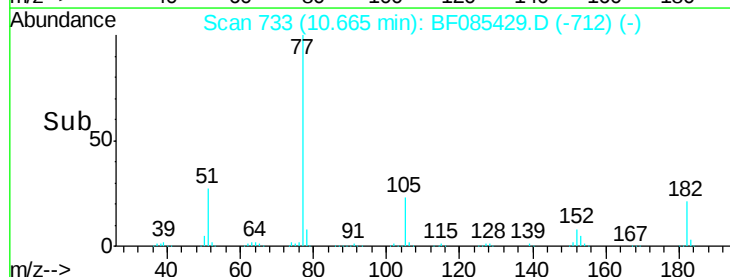
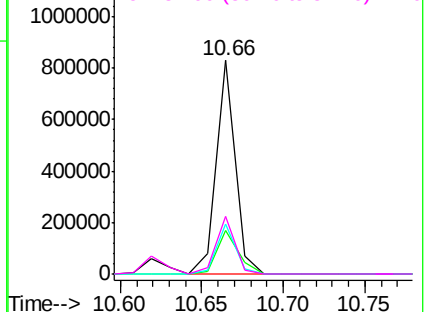


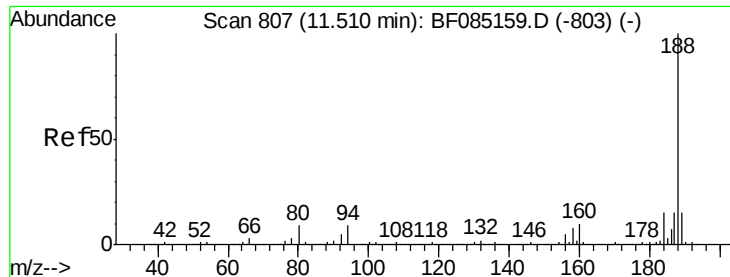
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

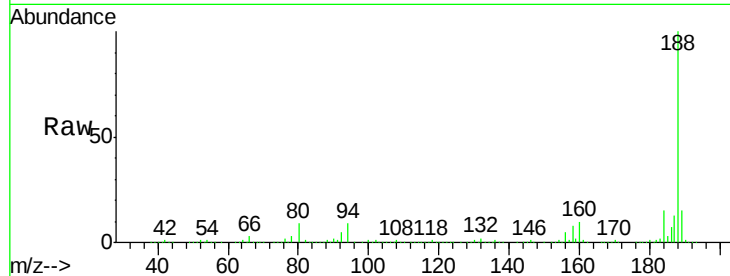




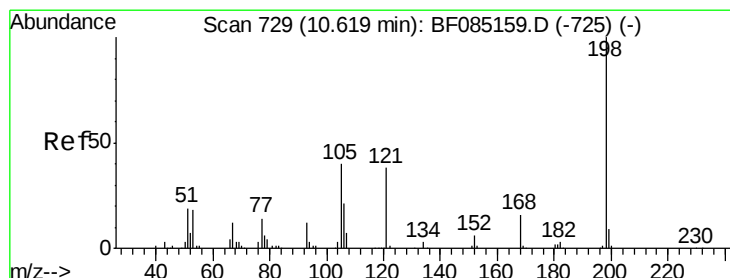
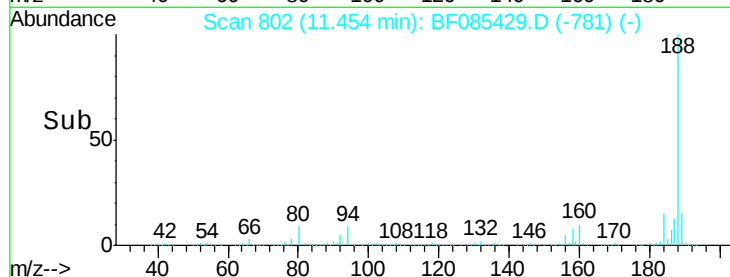
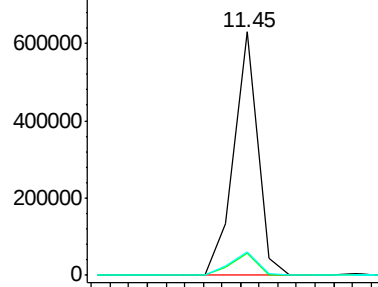
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB88829BS

Tgt Ion:188 Resp: 557362
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.4 7.4 11.0

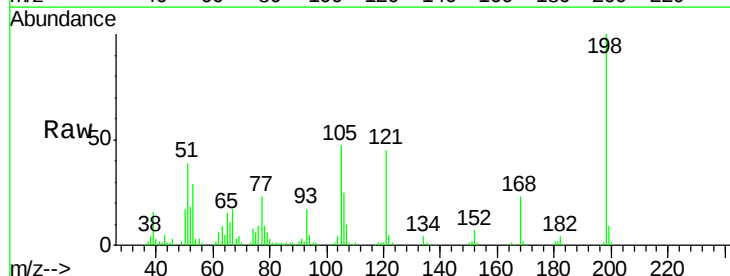


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

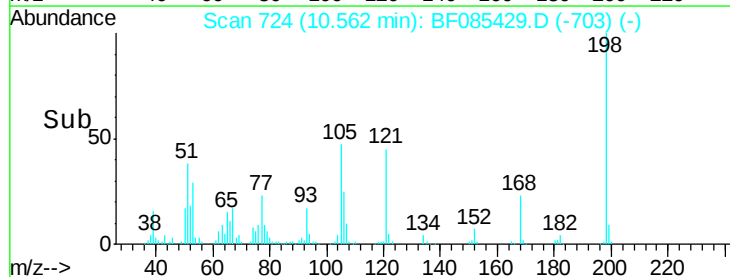
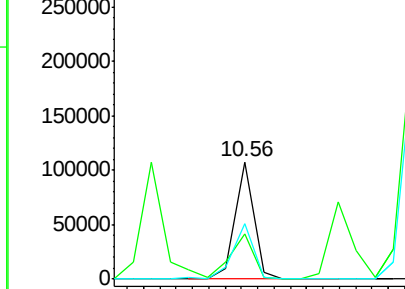


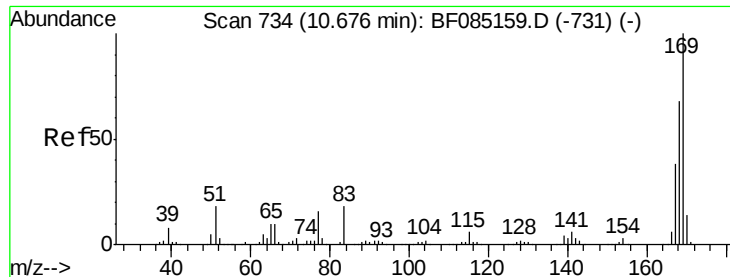
#64
4,6-Dinitro-2-methylphenol
Concen: 25.63 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.06 min
Lab File: BF085429.D
Acq: 14 Mar 2016 15:22

Tgt Ion:198 Resp: 85536
Ion Ratio Lower Upper
198 100
51 38.9 9.5 49.5
105 47.0 20.5 60.5



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

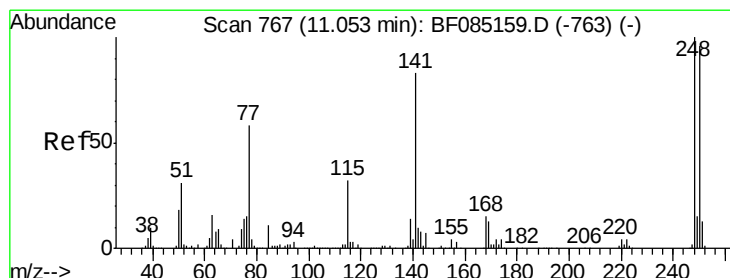
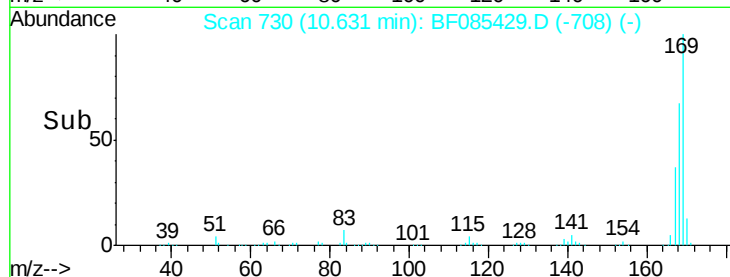
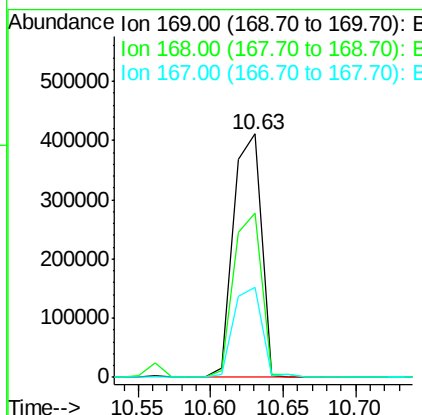
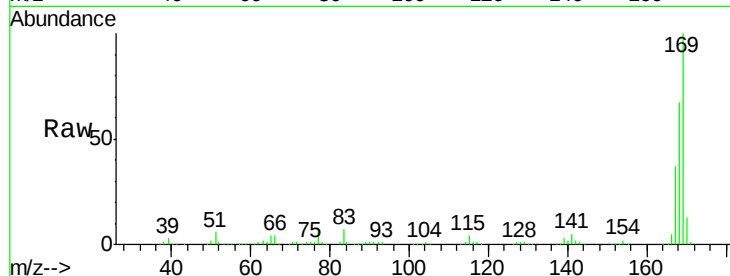




#65
 n-Nitrosodiphenylamine
 Concen: 31.67 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

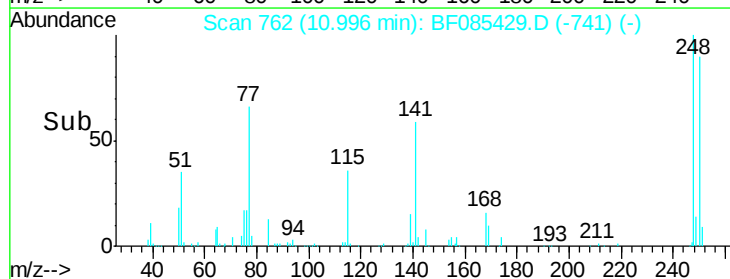
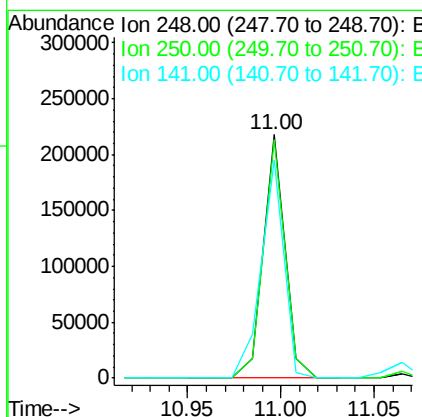
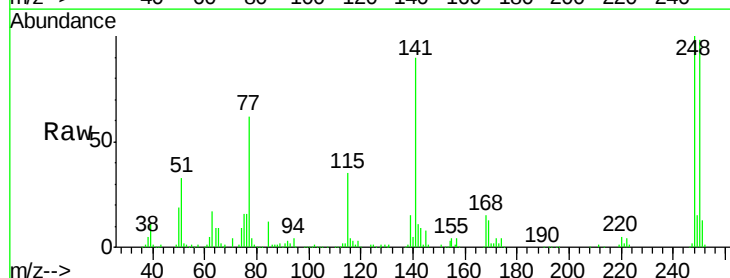
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

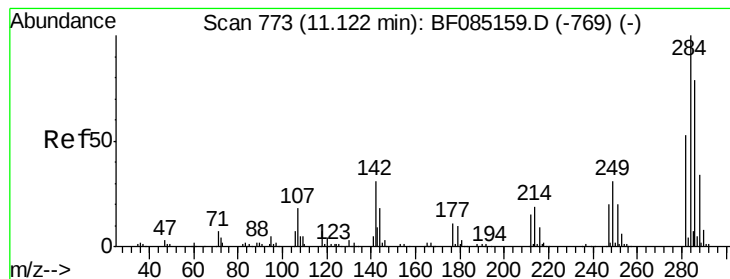
Tgt Ion:169 Resp: 549013
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.8 82.2
 167 37.2 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 32.10 ng
 RT: 11.00 min Scan# 762
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion:248 Resp: 173745
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.1 115.7
 141 89.7 66.2 99.2





#67

Hexachlorobenzene

Concen: 31.10 ng

RT: 11.06 min Scan# 768

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

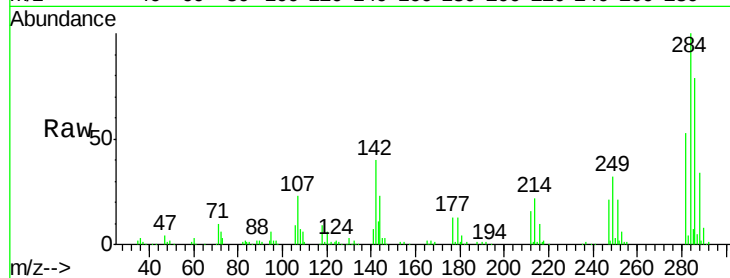
Tgt Ion:284 Resp: 179533

Ion Ratio Lower Upper

284 100

142 39.9 24.9 37.3#

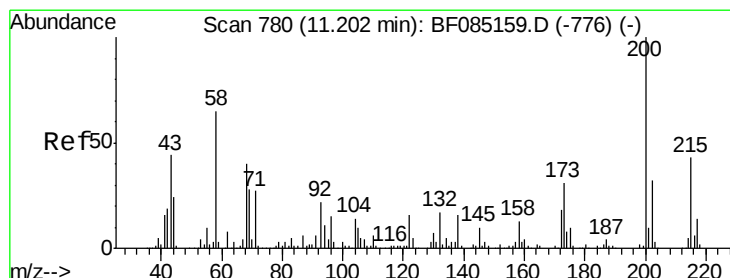
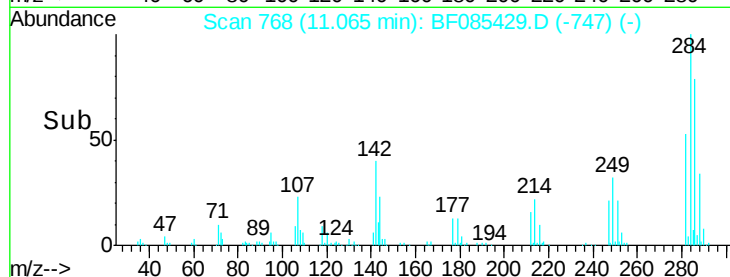
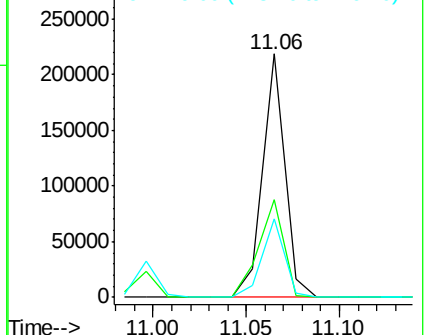
249 32.5 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.79 ng

RT: 11.16 min Scan# 776

Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

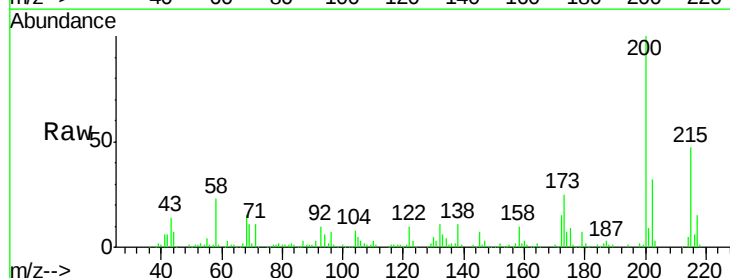
Tgt Ion:200 Resp: 201477

Ion Ratio Lower Upper

200 100

173 25.1 10.5 50.5

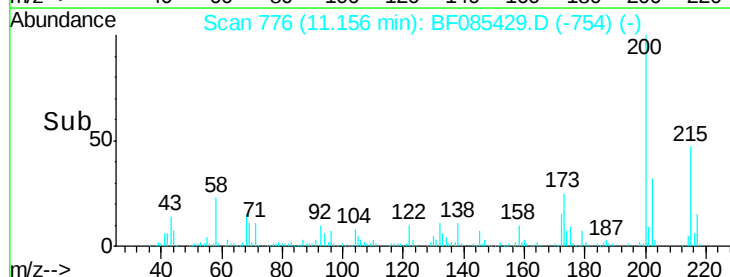
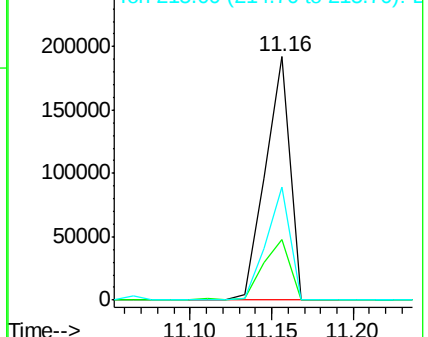
215 46.5 23.4 63.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

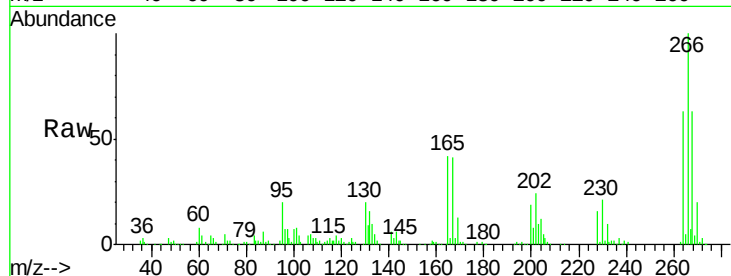




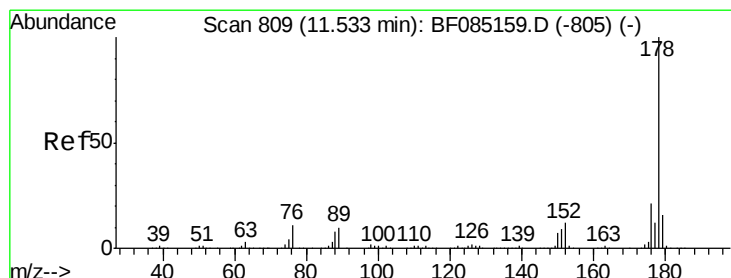
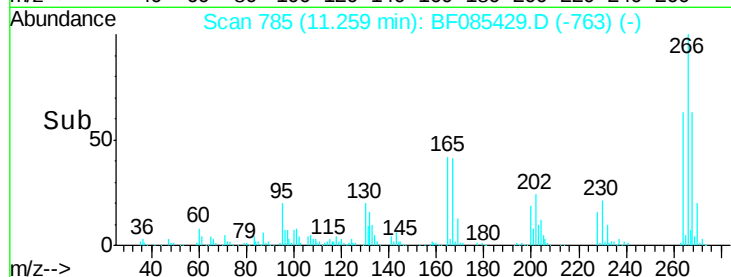
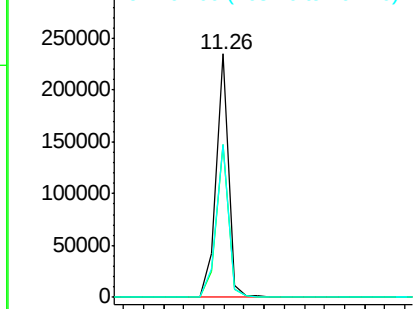
#69
 Pentachlorophenol
 Concen: 63.38 ng
 RT: 11.26 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

Tgt Ion:266 Resp: 203124
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.0 75.0
 264 62.6 51.4 77.2

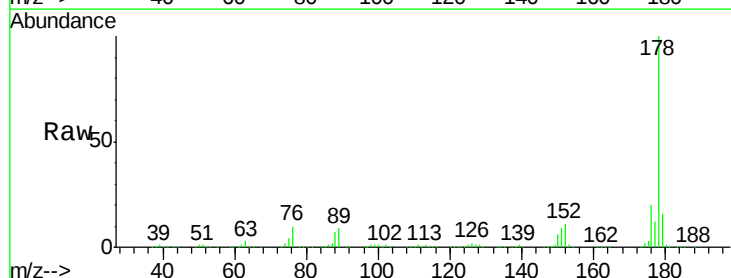


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

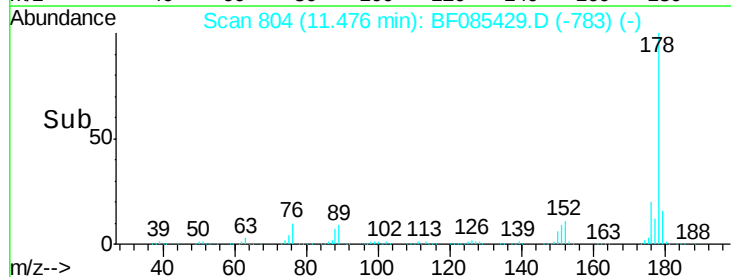
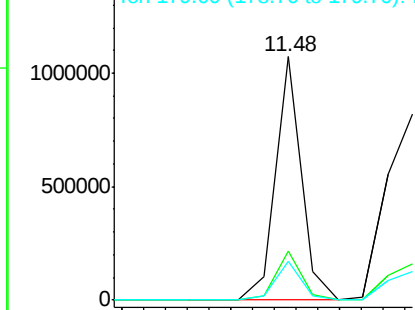


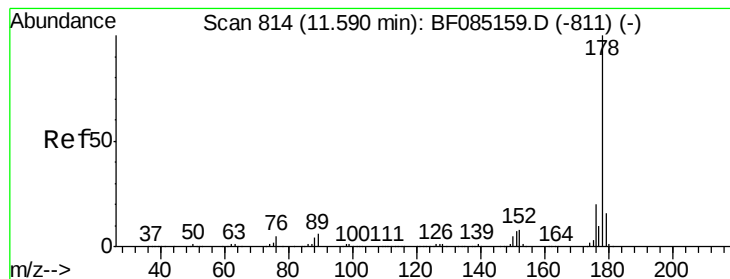
#70
 Phenanthrene
 Concen: 30.67 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion:178 Resp: 895825
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.8 25.2
 179 16.1 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: 30.87 ng

RT: 11.53 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

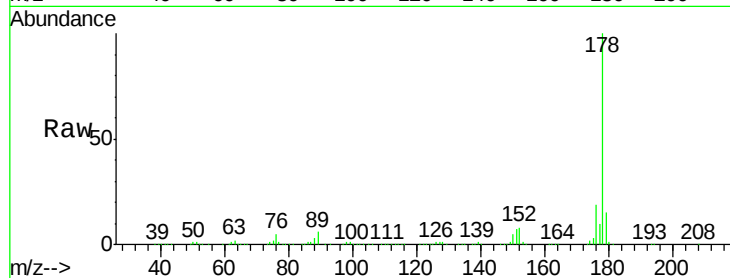
Tgt Ion:178 Resp: 957245

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

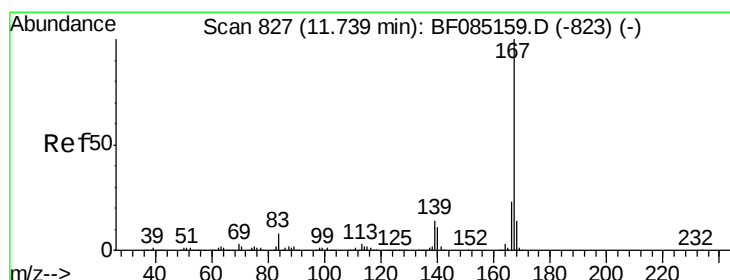
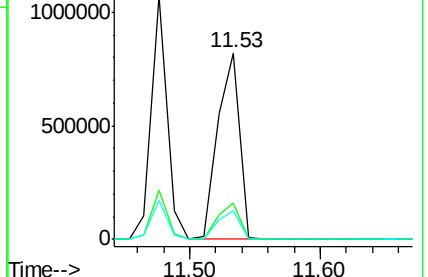
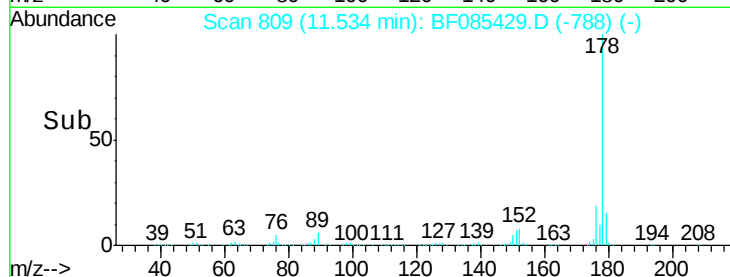
179 15.3 12.5 18.7



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



#72

Carbazole

Concen: 30.77 ng

RT: 11.68 min Scan# 822

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

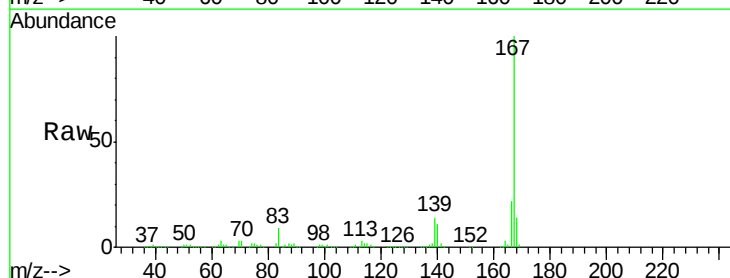
Tgt Ion:167 Resp: 836715

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

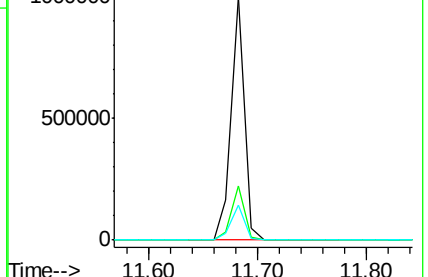
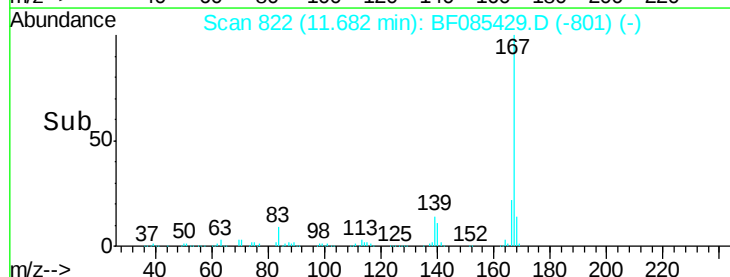
139 14.5 11.4 17.0

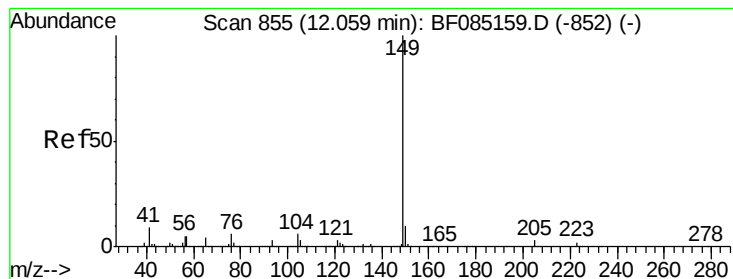


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.24 ng

RT: 12.01 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

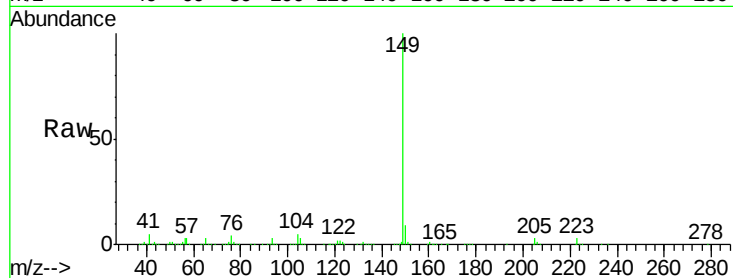
Tgt Ion:149 Resp: 1108159

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

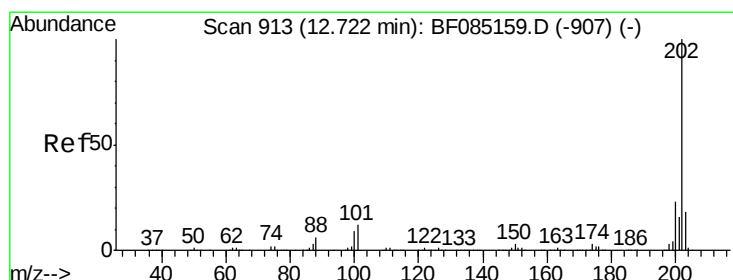
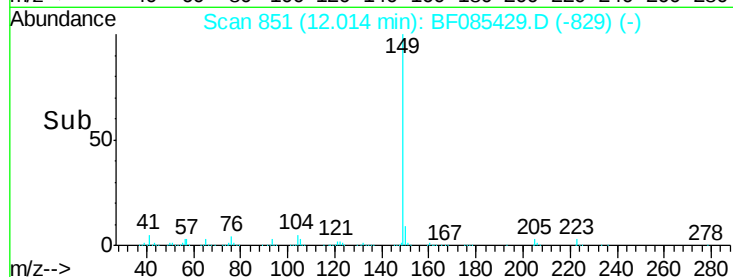
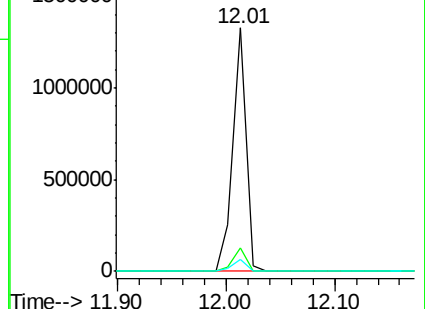
104 4.8 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.15 ng

RT: 12.67 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

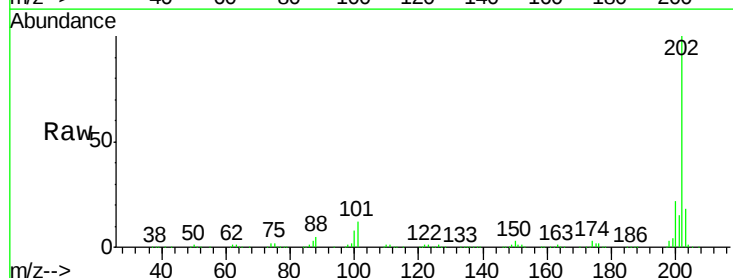
Tgt Ion:202 Resp: 854439

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.8

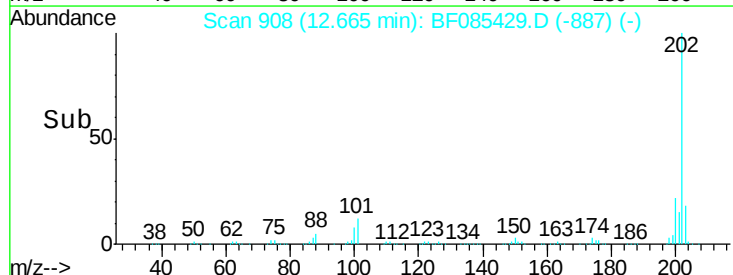
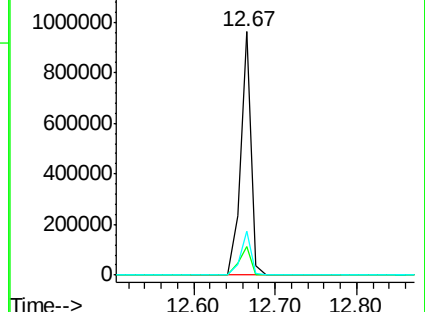
203 17.9 0.0 38.4

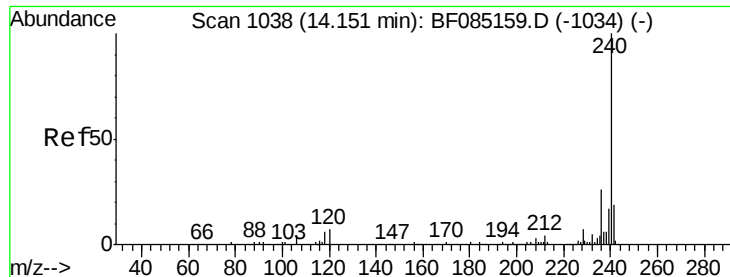


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

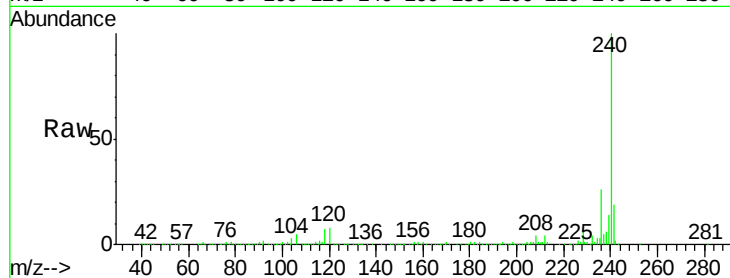
Tgt Ion:240 Resp: 306158

Ion Ratio Lower Upper

240 100

120 7.8 5.3 7.9

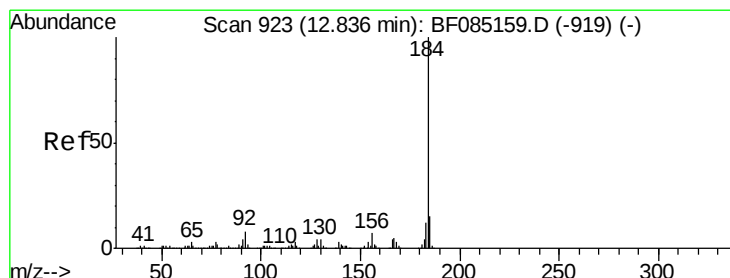
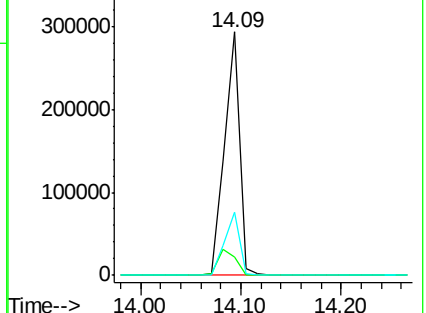
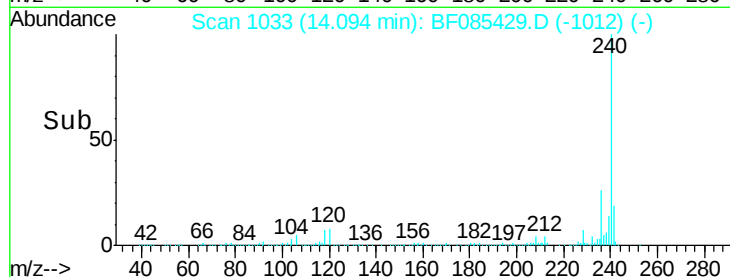
236 26.1 20.7 31.1



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: 25.71 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

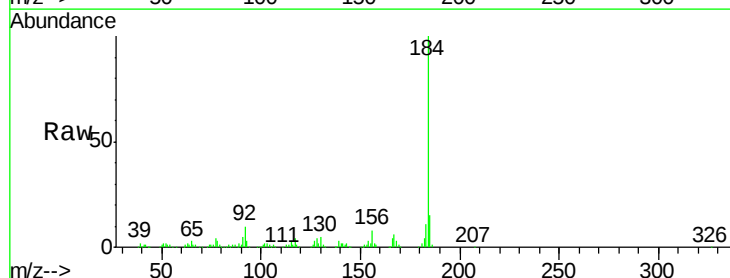
Tgt Ion:184 Resp: 234283

Ion Ratio Lower Upper

184 100

185 14.7 12.4 18.6

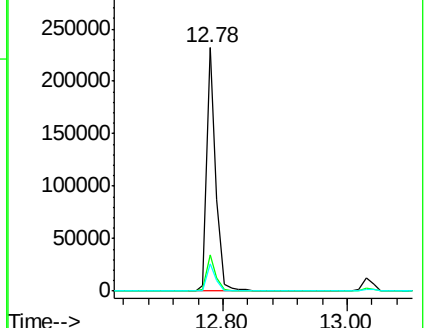
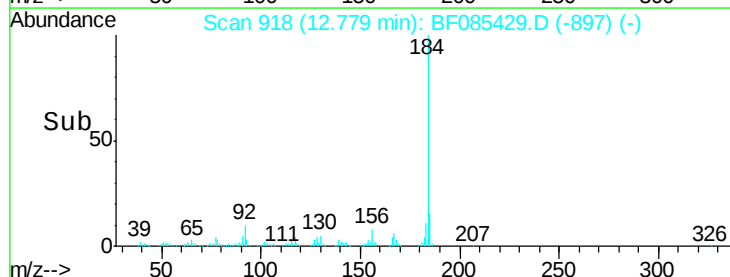
183 11.0 9.4 14.2

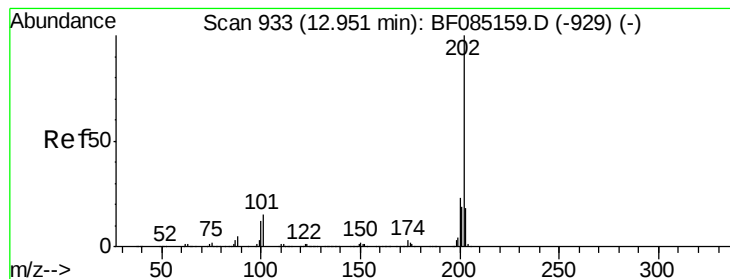


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.49 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

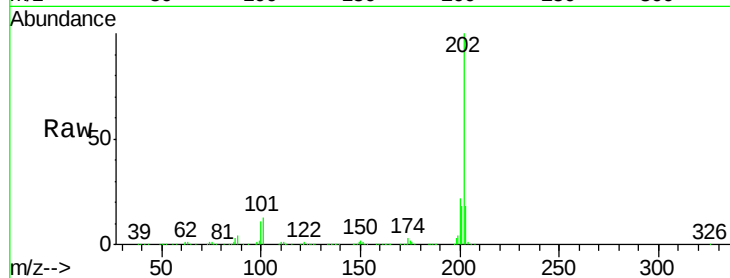
Tgt Ion:202 Resp: 840755

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.4

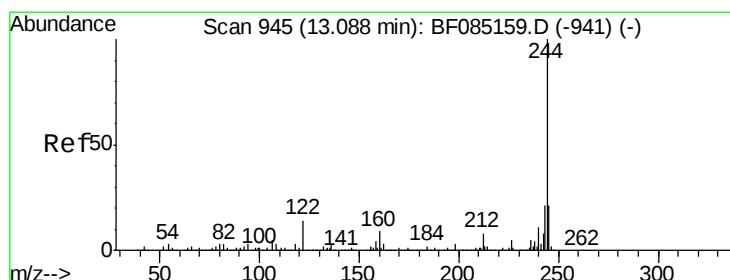
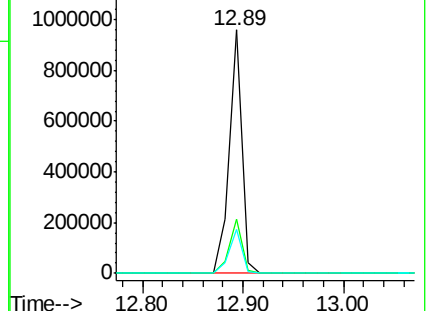
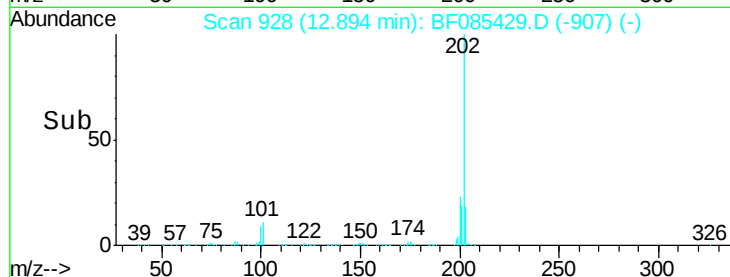
203 17.9 14.7 22.1



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: 70.89 ng

RT: 13.03 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

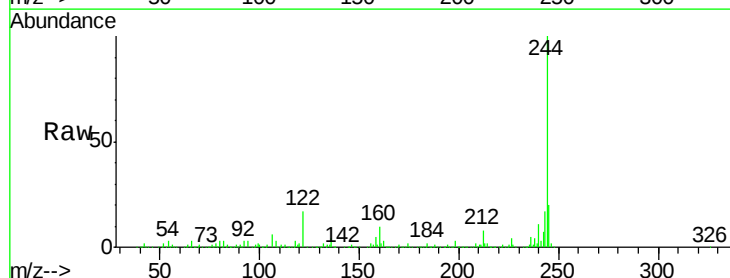
Tgt Ion:244 Resp: 934929

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

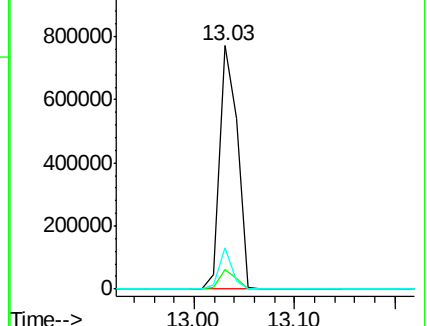
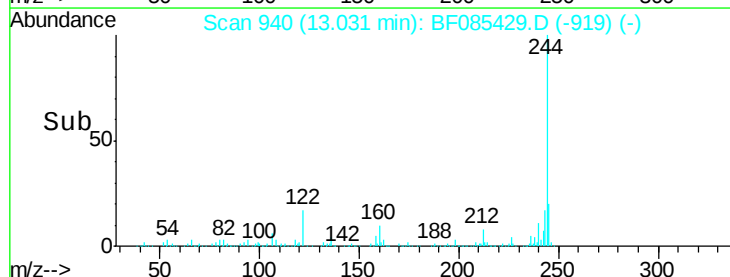
122 17.2 11.4 17.2

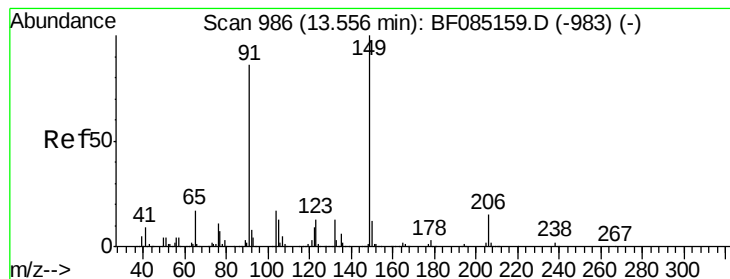


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.37 ng

RT: 13.51 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

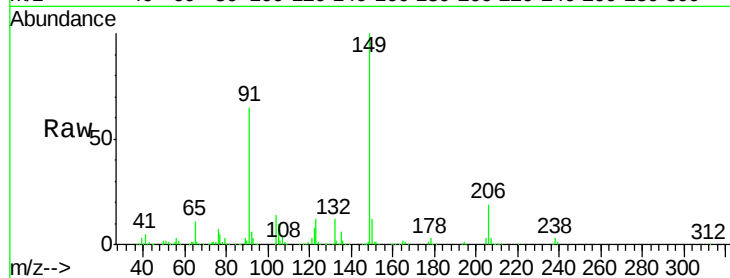
Tgt Ion:149 Resp: 411693

Ion Ratio Lower Upper

149 100

91 65.5 69.0 103.4#

206 18.8 12.3 18.5#



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

600000

500000

400000

300000

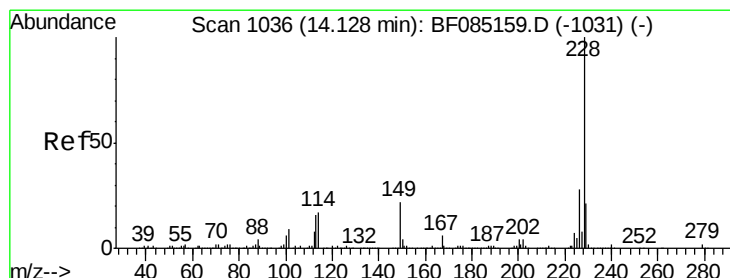
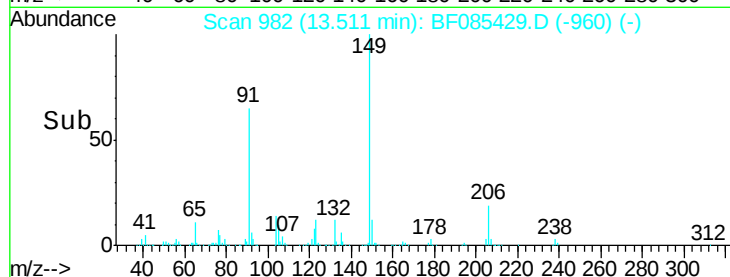
200000

100000

0

13.45 13.50 13.55

Time-->



#80

Benzo(a)anthracene

Concen: 30.36 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

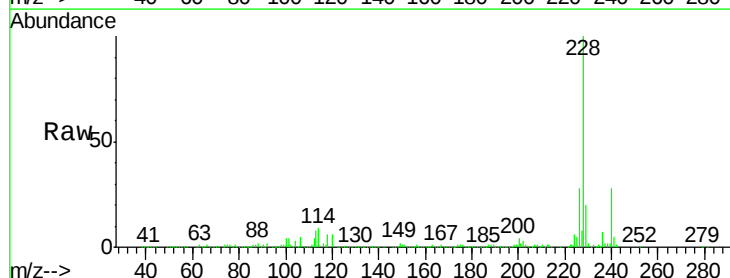
Tgt Ion:228 Resp: 556437

Ion Ratio Lower Upper

228 100

226 27.7 22.8 34.2

229 19.6 16.6 24.8



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

800000

600000

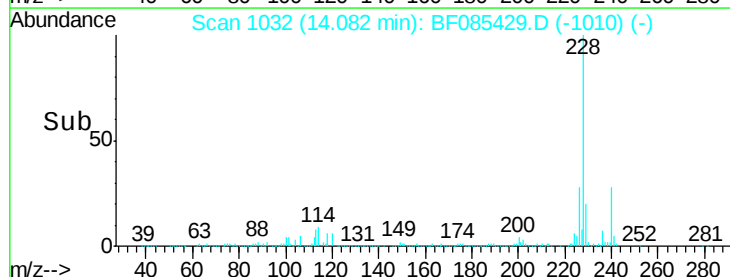
400000

200000

0

14.00 14.05 14.10

Time-->

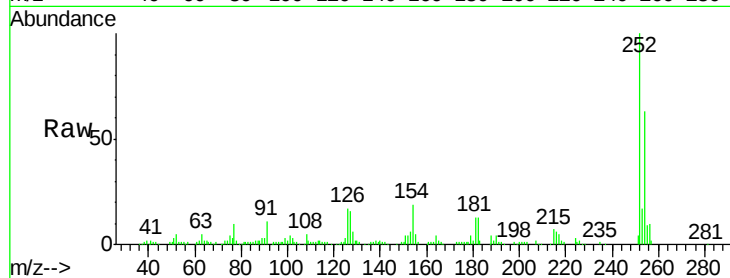




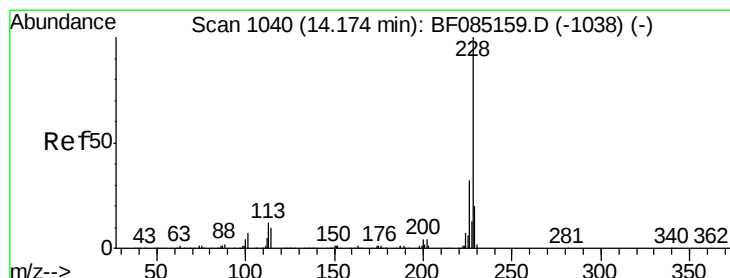
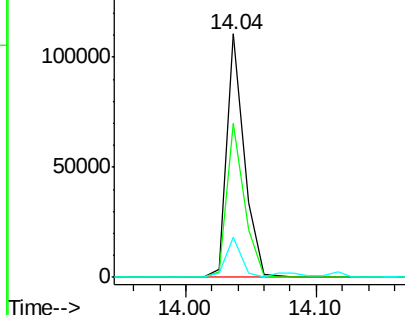
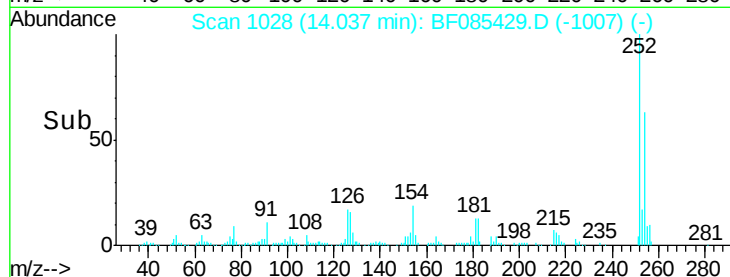
#81
 3,3'-Dichlorobenzidine
 Concen: 17.86 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Instrument :
 BNA_F
 ClientSampleID :
 PB88829BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.4	77.0
126	16.5	12.9	19.3

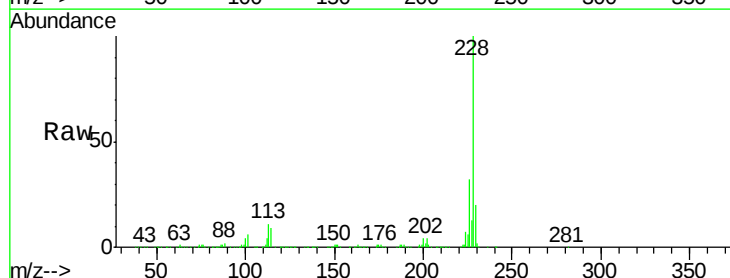


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

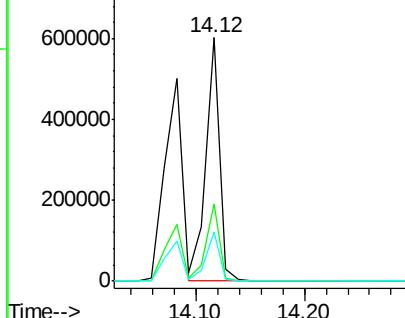
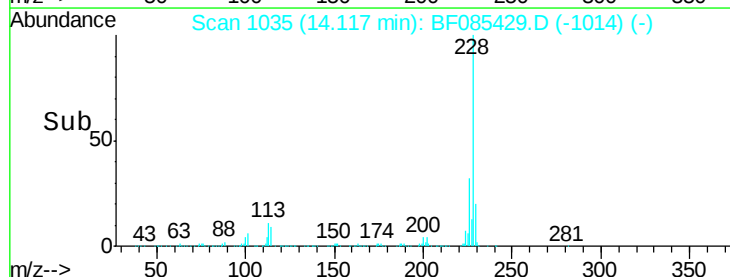


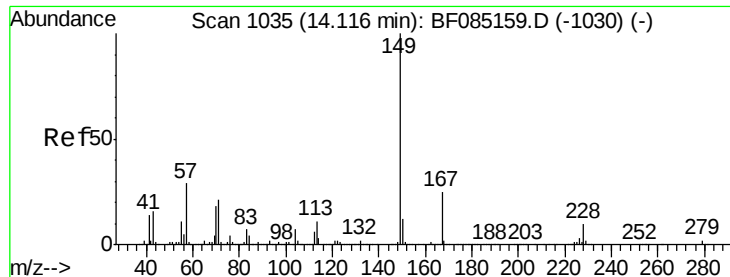
#82
 Chrysene
 Concen: 31.31 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	19.9	16.0	24.0



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: 37.55 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

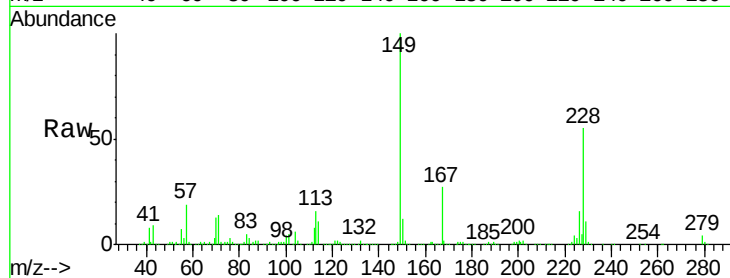
Tgt Ion:149 Resp: 516655

Ion Ratio Lower Upper

149 100

167 26.7 20.3 30.5

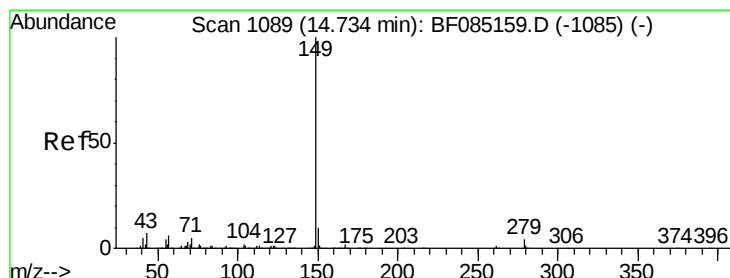
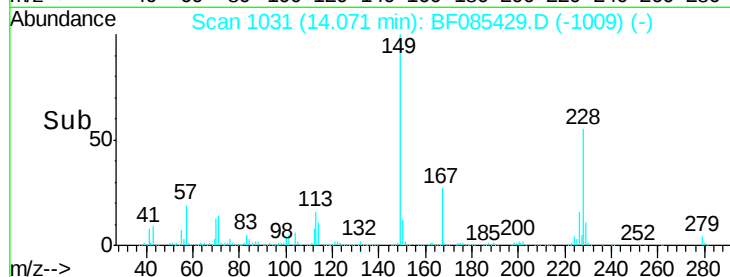
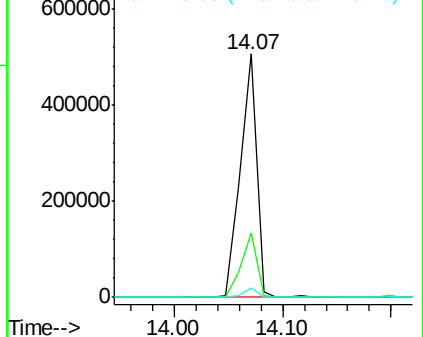
279 3.8 1.9 2.9#



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: 34.75 ng

RT: 14.68 min Scan# 1084

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

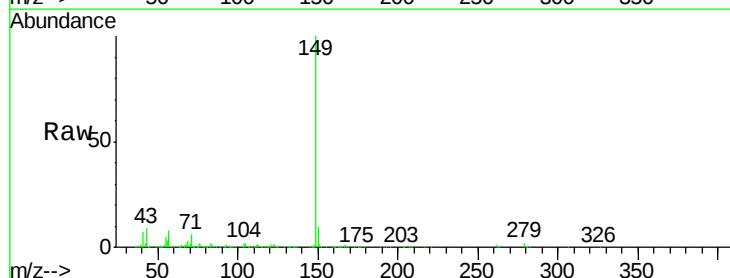
Tgt Ion:149 Resp: 728239

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

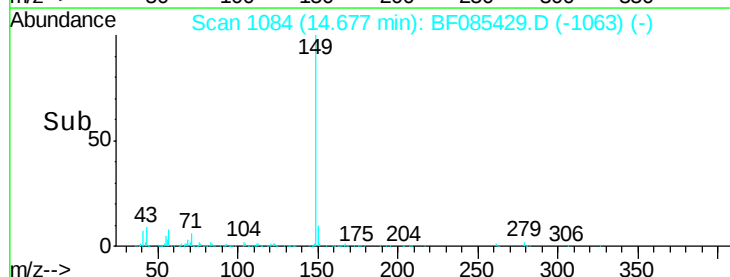
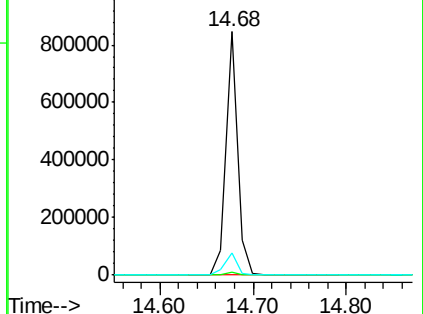
43 9.5 7.8 11.8



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

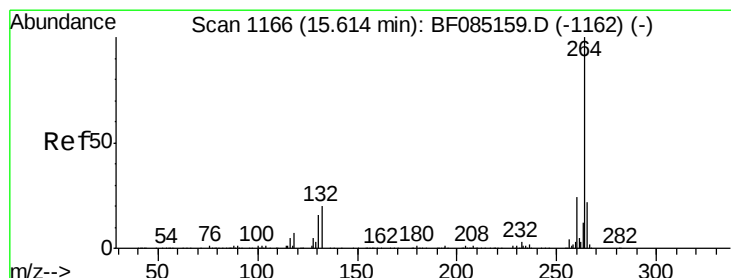
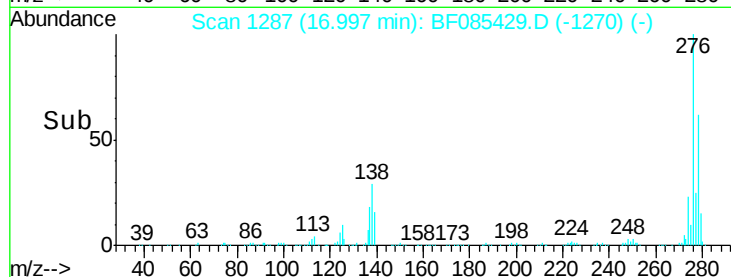
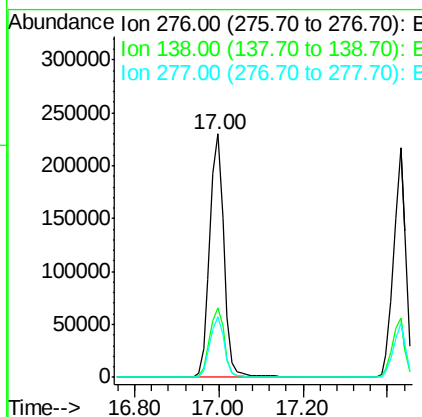
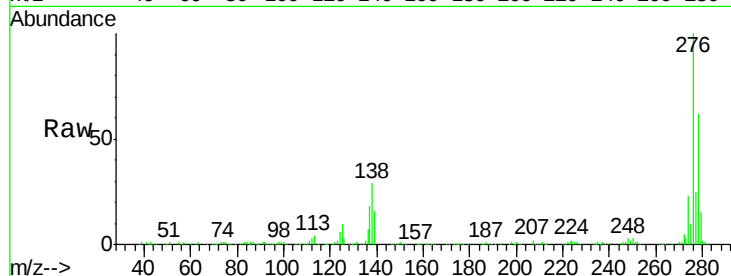




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.27 ng
 RT: 17.00 min Scan# 1287
 Delta R.T. -0.10 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

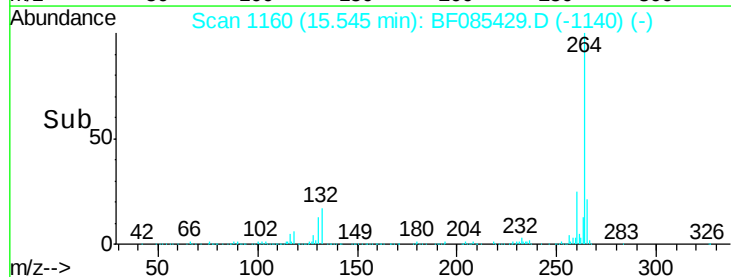
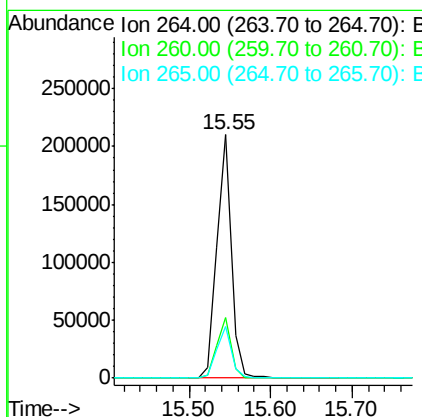
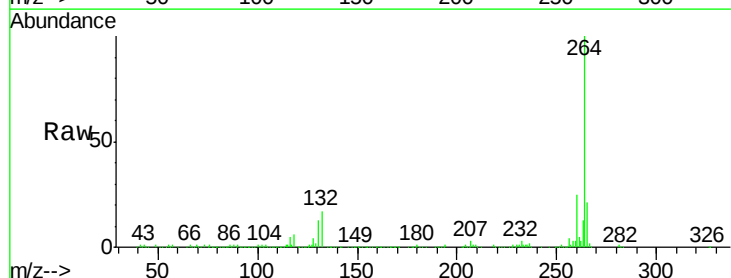
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BS

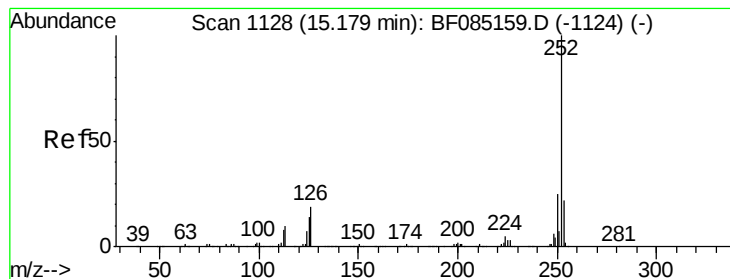
Tgt Ion: 276 Resp: 545349
 Ion Ratio Lower Upper
 276 100
 138 29.7 26.4 39.6
 277 24.9 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1160
 Delta R.T. -0.07 min
 Lab File: BF085429.D
 Acq: 14 Mar 2016 15:22

Tgt Ion: 264 Resp: 259617
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 28.47 ng

RT: 15.12 min Scan# 1123

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

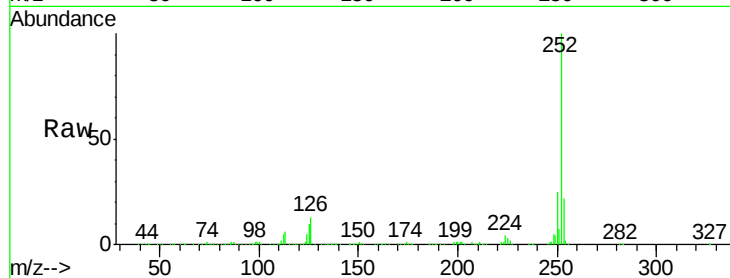
Tgt Ion:252 Resp: 492574

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

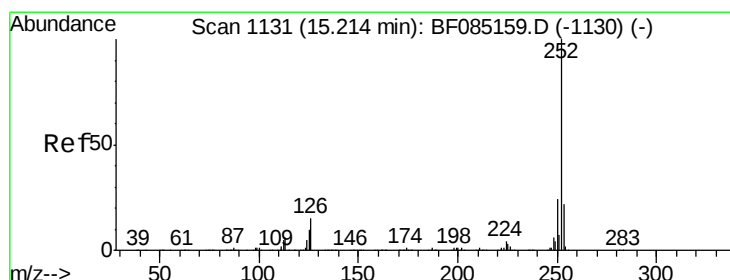
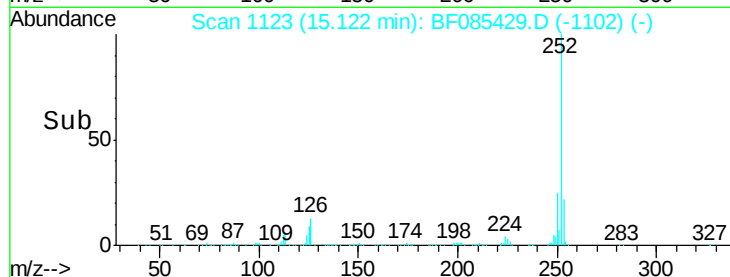
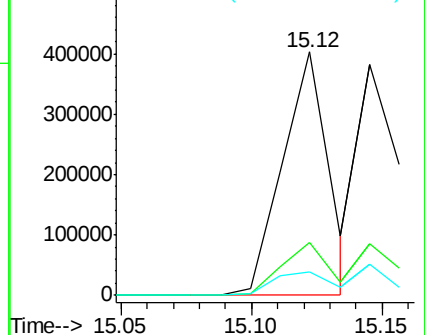
125 9.6 11.3 16.9#



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: 35.29 ng

RT: 15.12 min Scan# 1123

Delta R.T. -0.09 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

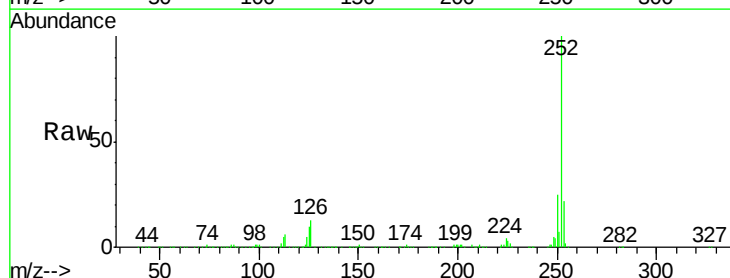
Tgt Ion:252 Resp: 492574

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

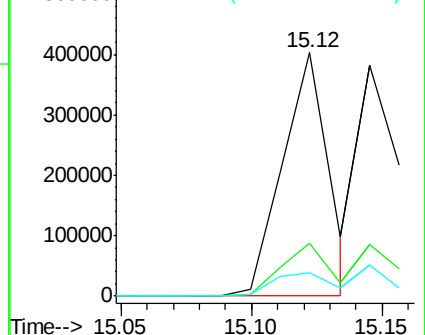
125 9.6 10.4 15.6#

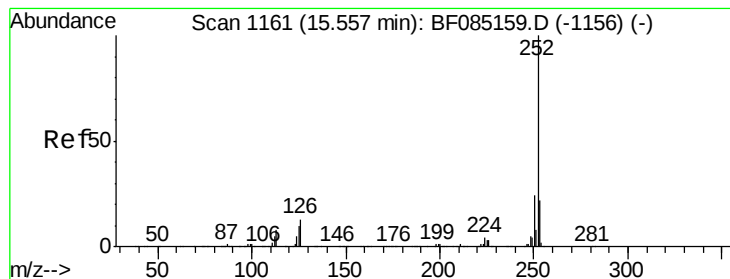


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 32.23 ng

RT: 15.48 min Scan# 1154

Delta R.T. -0.08 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

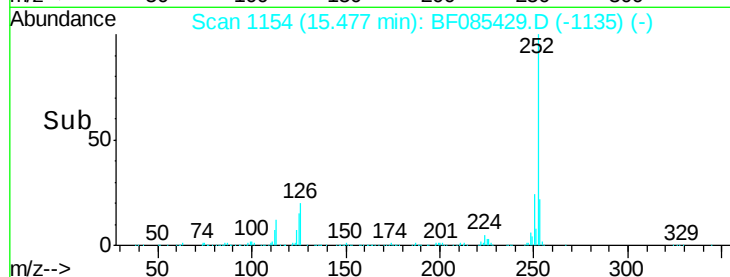
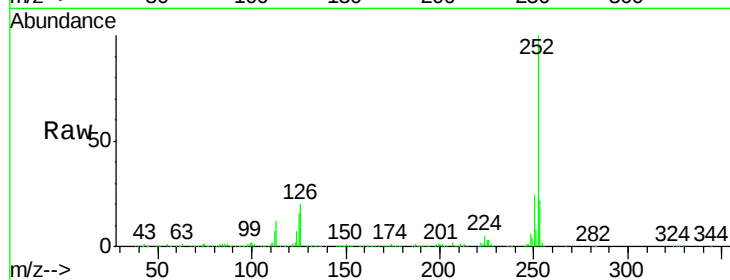
Tgt Ion:252 Resp: 462150

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

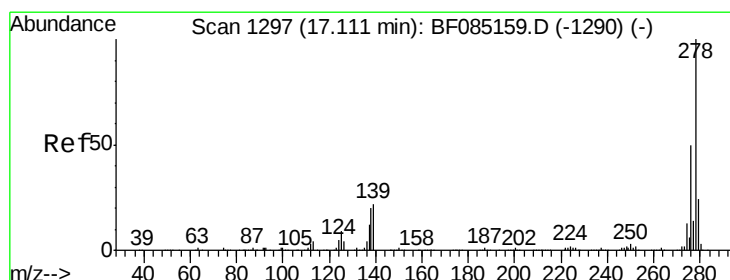
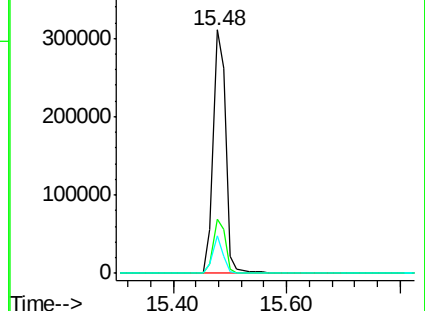
125 15.5 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.18 ng

RT: 17.01 min Scan# 1288

Delta R.T. -0.10 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

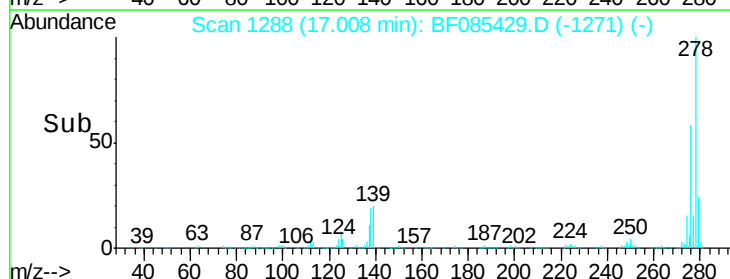
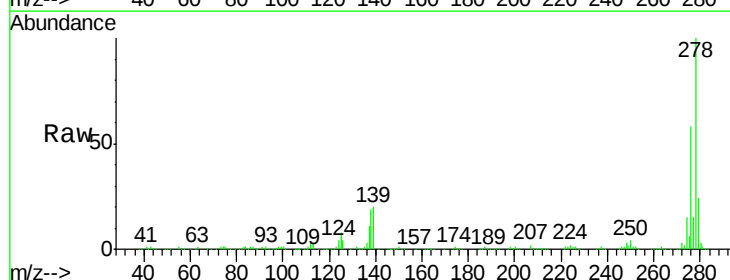
Tgt Ion:278 Resp: 455156

Ion Ratio Lower Upper

278 100

139 20.0 17.3 25.9

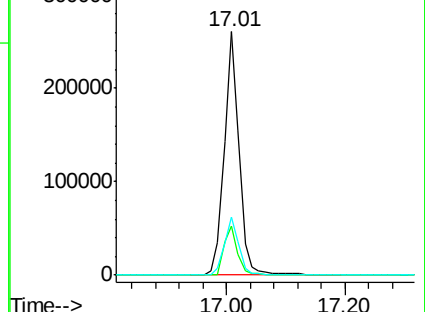
279 23.7 19.2 28.8

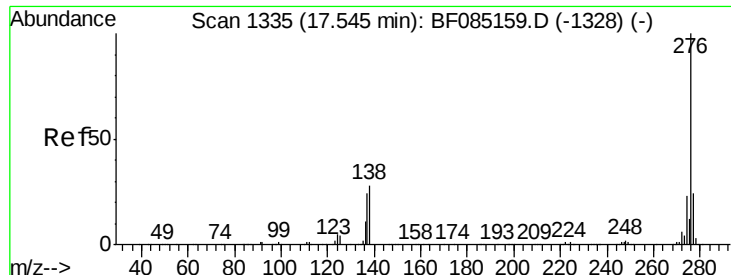


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.81 ng

RT: 17.43 min Scan# 1325

Delta R.T. -0.11 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB88829BS

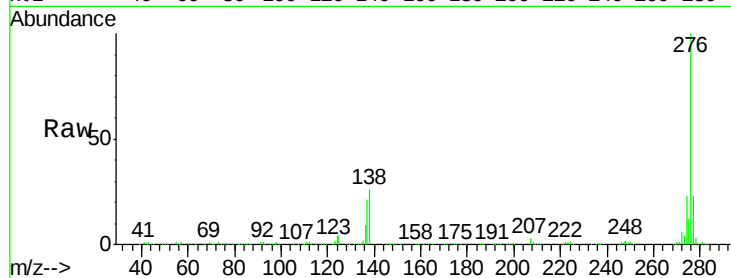
Tgt Ion: 276 Resp: 453084

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 26.0 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

