

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085430.D
 Acq On : 14 Mar 2016 15:50
 Operator : UM/SJ
 Sample : PB88829BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Quant Time: Mar 15 00:59:49 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	169823	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	657847	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	307294	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	552807	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	324220	20.00	ng	-0.06
86) Perylene-d12	15.55	264	266429	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	770075	76.06	ng	-0.05
7) Phenol-d6	6.55	99	1106808	83.44	ng	-0.06
23) Nitrobenzene-d5	7.49	82	973888	79.22	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	214872	81.72	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1628894	80.62	ng	-0.06
78) Terphenyl-d14	13.04	244	1397452	100.06	ng	-0.05

Target Compounds					Qvalue
2) 1,4-Dioxane	2.68	88	161958	31.28	ng 96
3) Pyridine	3.43	79	411732	31.77	ng 97
4) n-Nitrosodimethylamine	3.37	42	211187	38.08	ng 99
6) Aniline	6.58	93	268330	14.43	ng 96
8) 2-Chlorophenol	6.71	128	496653	40.75	ng 95
9) Benzaldehyde	6.47	77	122811	16.30	ng 92
10) Phenol	6.57	94	632746	44.54	ng 91
11) bis(2-Chloroethyl)ether	6.66	93	449015	38.05	ng 93
12) 1,3-Dichlorobenzene	7.10	146	479847	36.67	ng 99
13) 1,4-Dichlorobenzene	6.94	146	475072	36.22	ng 98
14) 1,2-Dichlorobenzene	7.10	146	479905	40.33	ng 97
15) Benzyl Alcohol	7.06	79	375676	38.58	ng 100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	549822	32.33	ng 98
17) 2-Methylphenol	7.18	107	381008	38.31	ng 95
18) Hexachloroethane	7.44	117	187178	38.69	ng 94
19) n-Nitroso-di-n-propylamine	7.34	70	288949	33.42	ng # 90
20) 3+4-Methylphenols	7.34	107	489936	41.59	ng # 75
22) Acetophenone	7.34	105	597997	37.24	ng # 97
24) Nitrobenzene	7.51	77	517150	41.41	ng 97
25) Isophorone	7.75	82	916419	40.23	ng 98
26) 2-Nitrophenol	7.83	139	269563	44.36	ng # 92
27) 2,4-Dimethylphenol	7.86	122	457901	41.23	ng 95
28) bis(2-Chloroethoxy)methane	7.96	93	537453	42.36	ng 99
29) 2,4-Dichlorophenol	8.07	162	399276	44.58	ng 93
30) 1,2,4-Trichlorobenzene	8.15	180	386921	39.95	ng 100
31) Naphthalene	8.23	128	1267884	39.20	ng 99
32) Benzoic acid	7.99	122	287405	38.96	ng 97
33) 4-Chloroaniline	8.28	127	78851	6.03	ng 97
34) Hexachlorobutadiene	8.36	225	208594	41.40	ng 99
35) Caprolactam	8.65	113	95086	32.51	ng 97
36) 4-Chloro-3-methylphenol	8.77	107	420323	41.36	ng 97
37) 2-Methylnaphthalene	8.93	142	910483	43.86	ng 98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	356024	40.51	ng 97
40) Hexachlorocyclopentadiene	9.08	237	286015	60.34	ng 99

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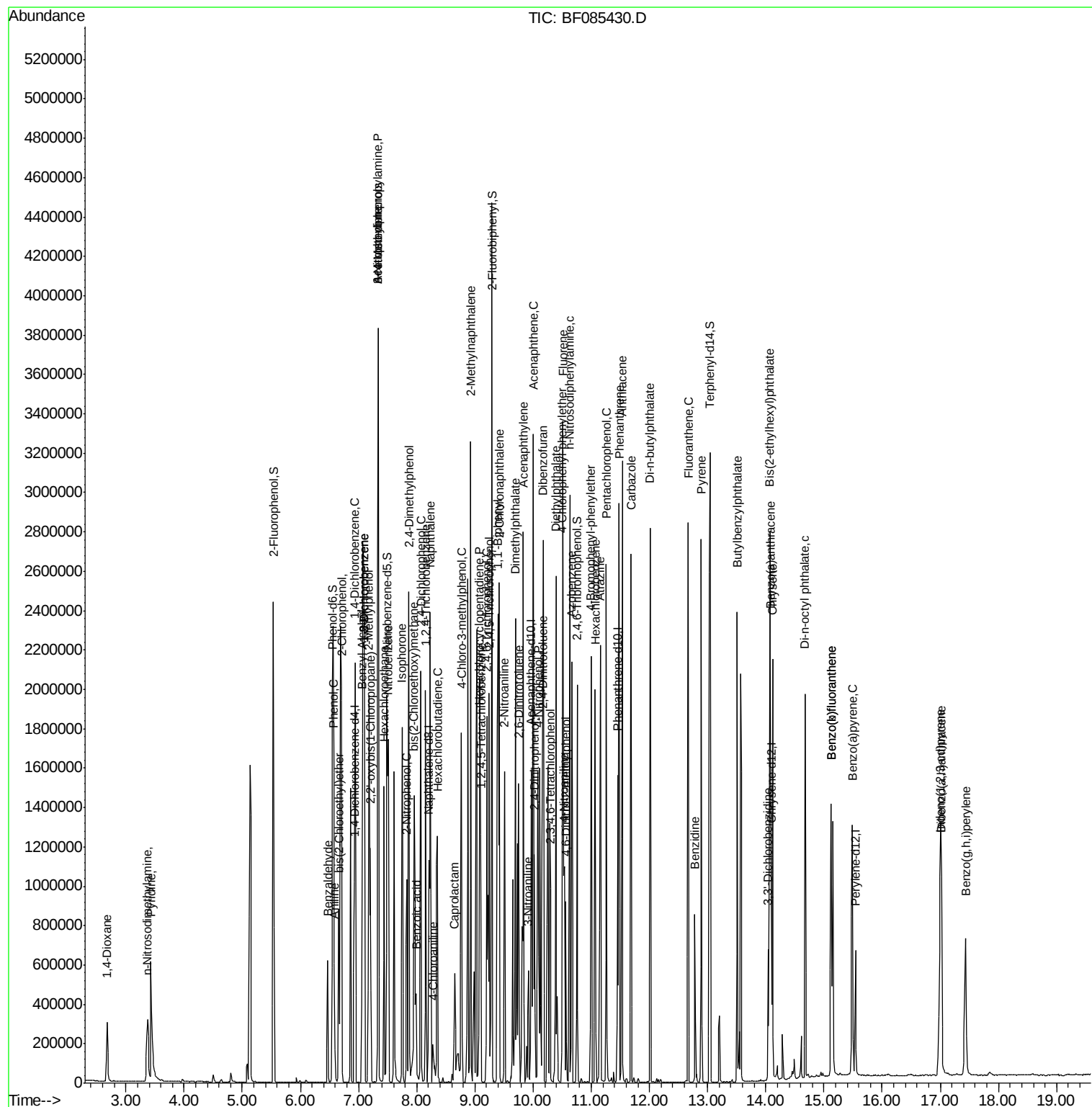
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	260435	39.81	ng	96
43) 2,4,5-Trichlorophenol	9.25	196	278994	44.98	ng	98
45) 1,1'-Biphenyl	9.40	154	1058394	40.31	ng	93
46) 2-Chloronaphthalene	9.42	162	822632	41.11	ng	97
47) 2-Nitroaniline	9.51	65	255192	41.15	ng	89
48) Acenaphthylene	9.83	152	1192490	38.29	ng	99
49) Dimethylphthalate	9.69	163	933770	39.59	ng	99
50) 2,6-Dinitrotoluene	9.75	165	192715	38.19	ng	# 84
51) Acenaphthene	10.00	154	784478	41.48	ng	99
52) 3-Nitroaniline	9.92	138	118883	19.69	ng	96
53) 2,4-Dinitrophenol	10.02	184	156222	62.92	ng	# 66
54) Dibenzofuran	10.17	168	1040851	42.01	ng	99
55) 4-Nitrophenol	10.08	139	360342	75.96	ng	# 73
56) 2,4-Dinitrotoluene	10.16	165	315448	48.85	ng	# 85
57) Fluorene	10.52	166	768252	39.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	207806	47.69	ng	96
59) Diethylphthalate	10.39	149	926124	40.46	ng	97
60) 4-Chlorophenyl-phenylether	10.50	204	366384	38.69	ng	92
61) 4-Nitroaniline	10.54	138	229847	40.71	ng	96
62) Azobenzene	10.66	77	968541	42.95	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	111219	33.60	ng	# 44
65) n-Nitrosodiphenylamine	10.63	169	787717	45.81	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	226308	42.16	ng	# 90
67) Hexachlorobenzene	11.06	284	232490	40.60	ng	# 83
68) Atrazine	11.16	200	246697	51.59	ng	98
69) Pentachlorophenol	11.26	266	267255	84.08	ng	99
70) Phenanthrene	11.48	178	1169351	40.36	ng	99
71) Anthracene	11.53	178	1296331	42.15	ng	99
72) Carbazole	11.68	167	1008719	37.40	ng	98
73) Di-n-butylphthalate	12.01	149	1372778	40.27	ng	99
74) Fluoranthene	12.66	202	1082109	37.22	ng	98
76) Benzidine	12.78	184	339058	35.14	ng	99
77) Pyrene	12.89	202	1061673	43.51	ng	99
79) Butylbenzylphthalate	13.51	149	540168	48.78	ng	84
80) Benzo(a)anthracene	14.08	228	751109	38.70	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	136663	22.32	ng	# 98
82) Chrysene	14.12	228	618288	34.48	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	676034	46.40	ng	# 97
84) Di-n-octyl phthalate	14.68	149	954431	43.01	ng	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	756001	54.03	ng	97
87) Benzo(b)fluoranthene	15.12	252	629298	35.44	ng	98
88) Benzo(k)fluoranthene	15.12	252	629298	43.93	ng	99
89) Benzo(a)pyrene	15.49	252	639252	43.44	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	637320	50.73	ng	# 95
91) Benzo(g,h,i)perylene	17.44	276	628242	49.74	ng	# 93

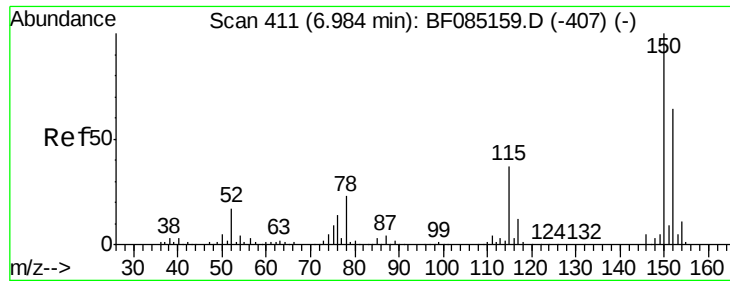
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

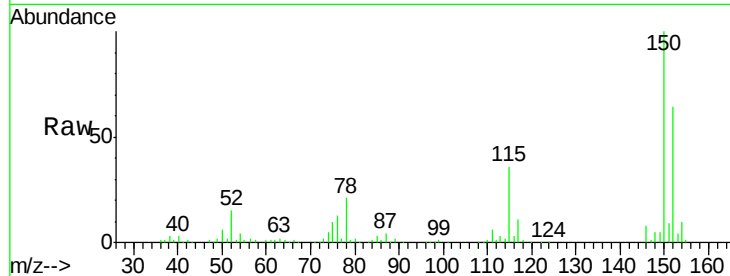
Tgt Ion:152 Resp: 169823

Ion Ratio Lower Upper

152 100

150 157.2 124.6 186.8

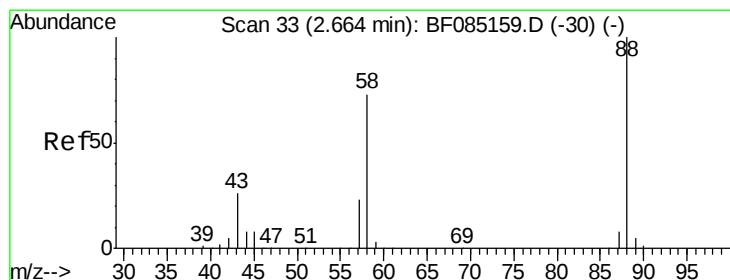
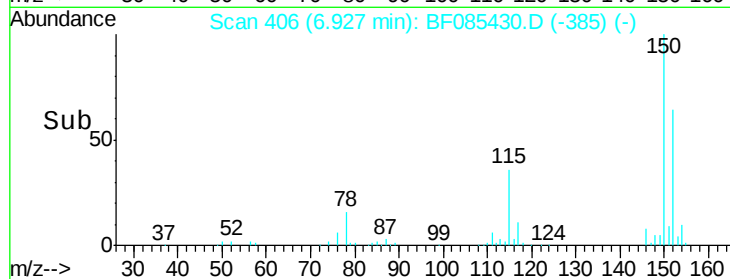
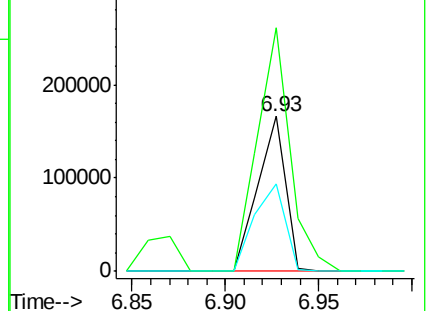
115 56.9 46.6 70.0



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: 31.28 ng

RT: 2.68 min Scan# 34

Delta R.T. 0.01 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

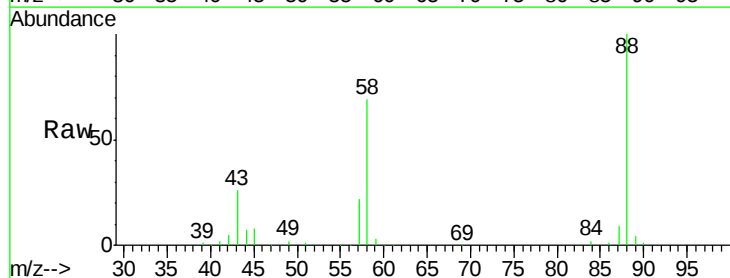
Tgt Ion: 88 Resp: 161958

Ion Ratio Lower Upper

88 100

58 67.7 57.0 85.6

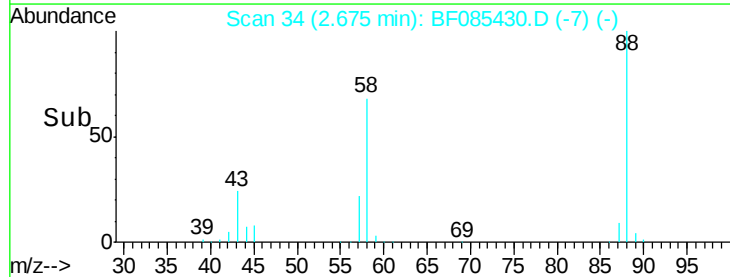
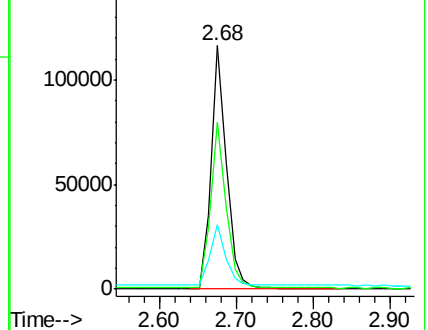
43 24.8 20.5 30.7

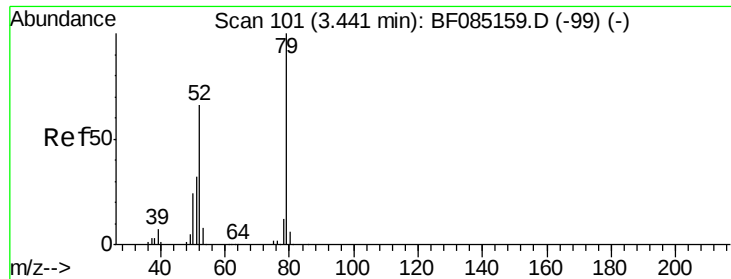


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

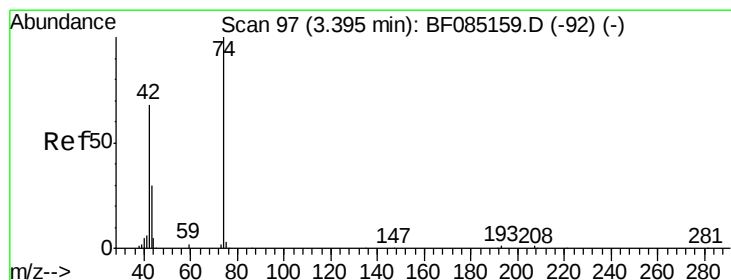
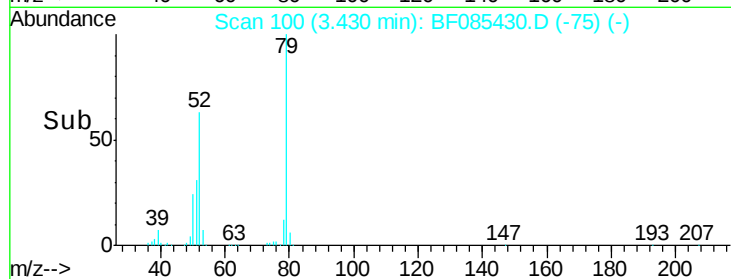
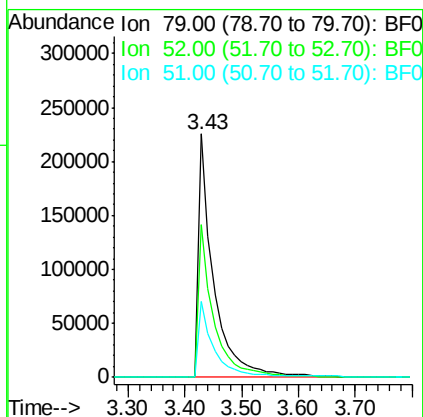
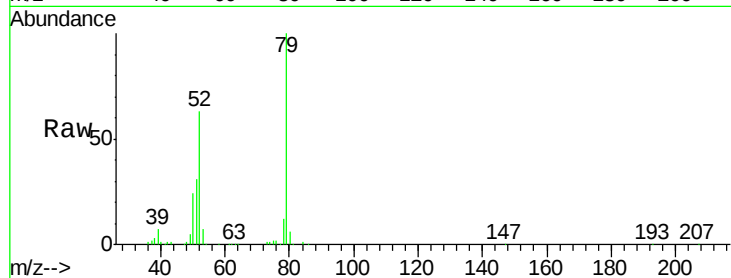




#3
 Pyridine
 Concen: 31.77 ng
 RT: 3.43 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

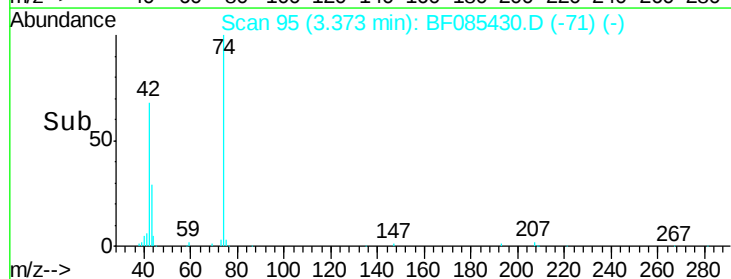
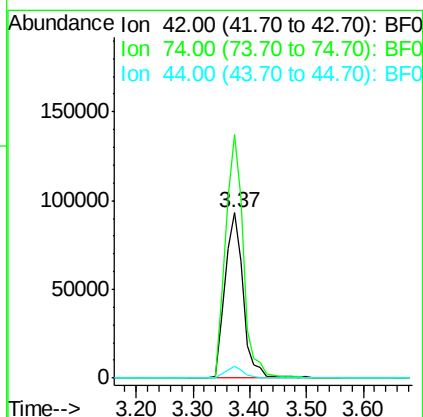
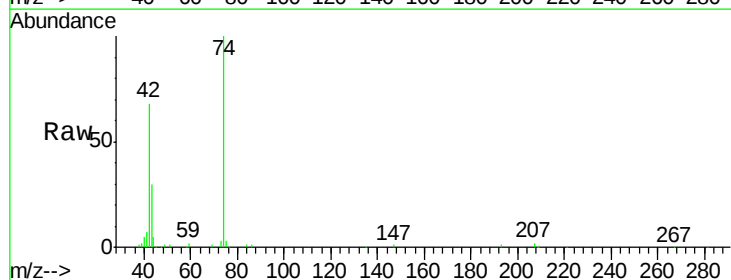
Instrument :
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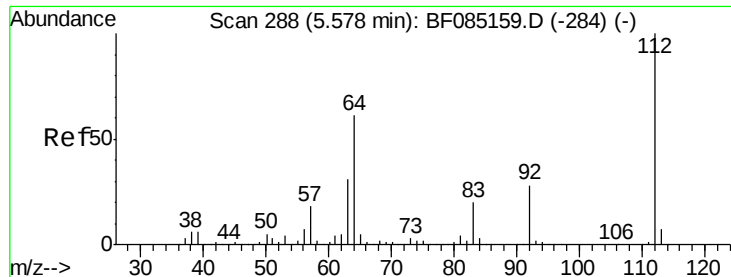
Tgt Ion: 79 Resp: 411732
 Ion Ratio Lower Upper
 79 100
 52 62.6 52.6 79.0
 51 31.3 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 38.08 ng
 RT: 3.37 min Scan# 95
 Delta R.T. -0.02 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion: 42 Resp: 211187
 Ion Ratio Lower Upper
 42 100
 74 147.5 116.8 175.2
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 76.06 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

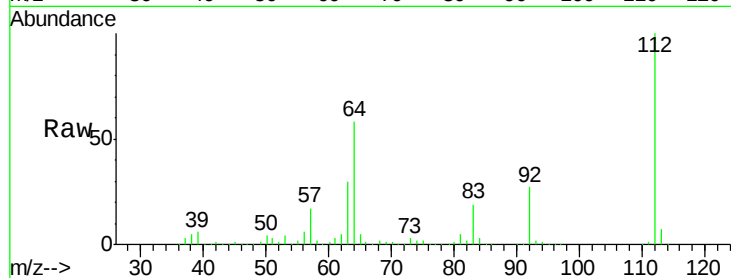
Tgt Ion: 112 Resp: 770075

Ion Ratio Lower Upper

112 100

64 57.8 49.0 73.4

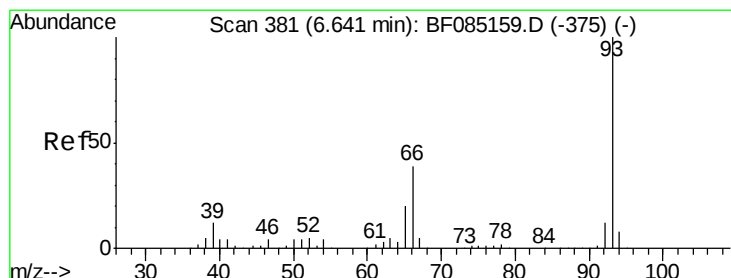
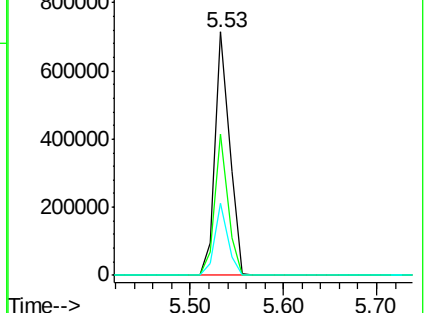
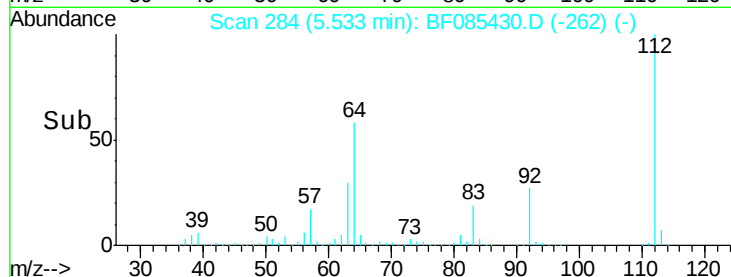
63 29.6 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.43 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

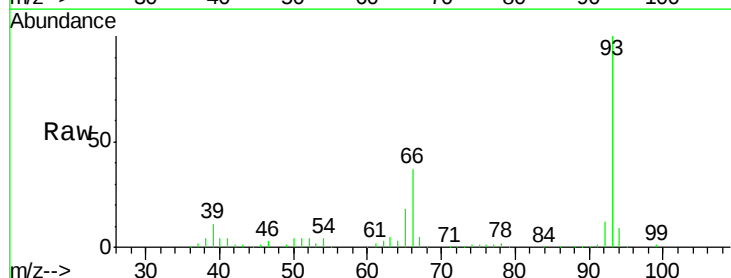
Tgt Ion: 93 Resp: 268330

Ion Ratio Lower Upper

93 100

66 36.9 31.6 47.4

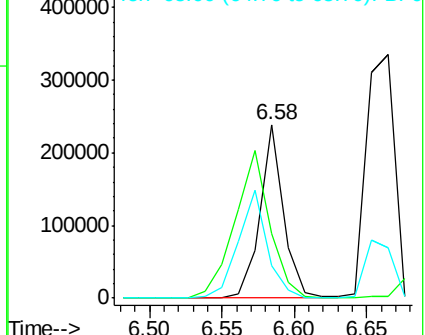
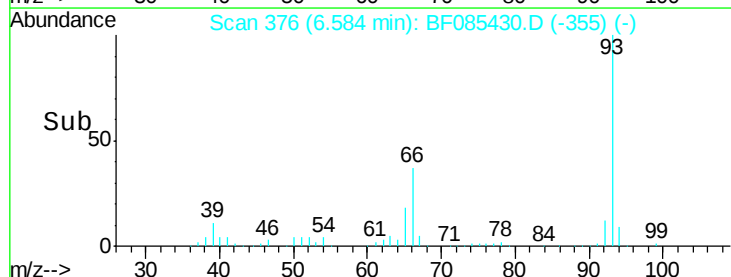
65 18.4 15.8 23.8

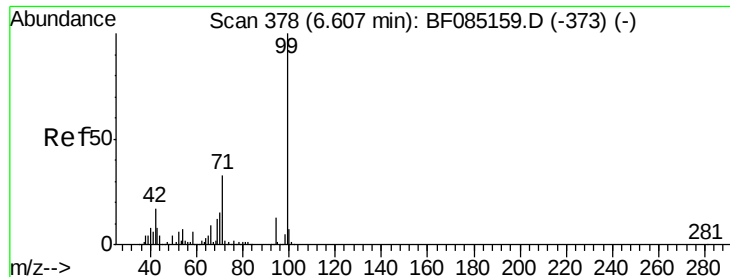


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.44 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085430.D

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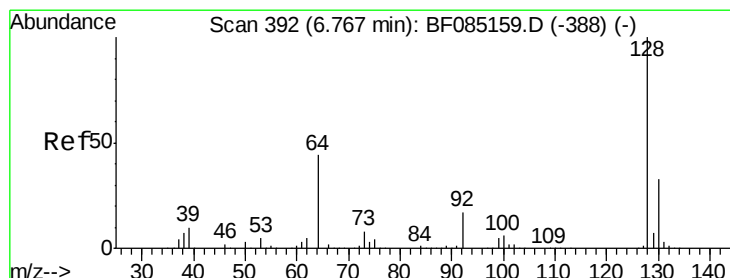
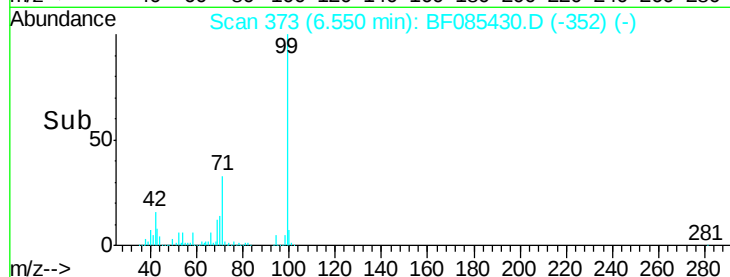
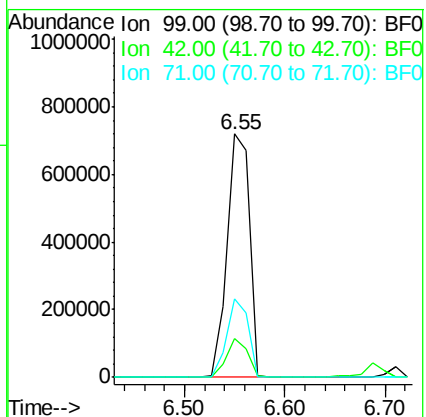
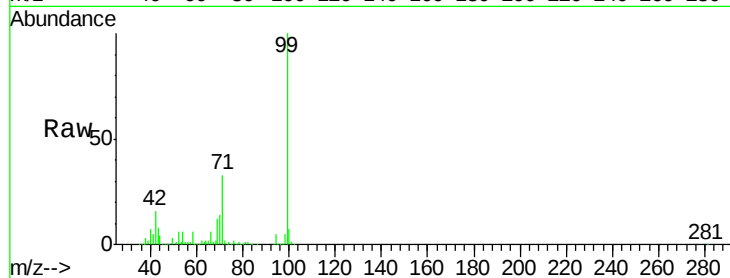
Tgt Ion: 99 Resp: 1106808

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 32.5 26.7 40.1



#8

2-Chlorophenol

Concen: 40.75 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

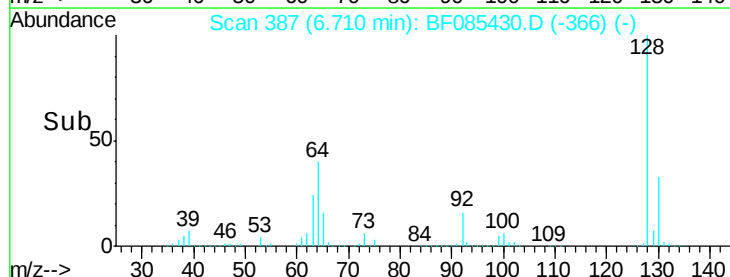
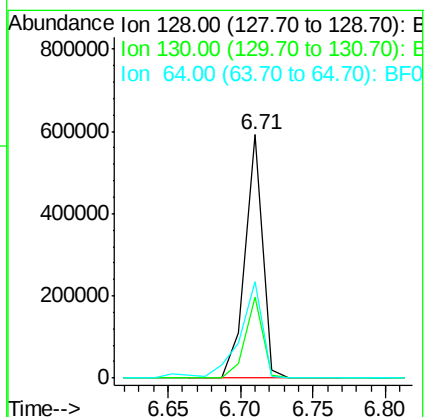
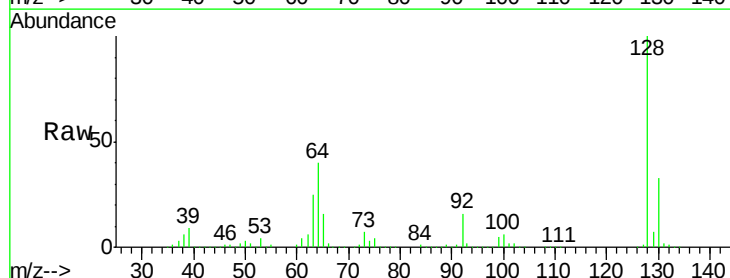
Tgt Ion: 128 Resp: 496653

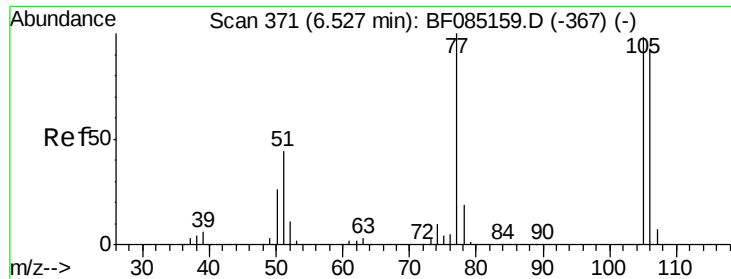
Ion Ratio Lower Upper

128 100

130 33.4 13.3 53.3

64 39.8 25.7 65.7

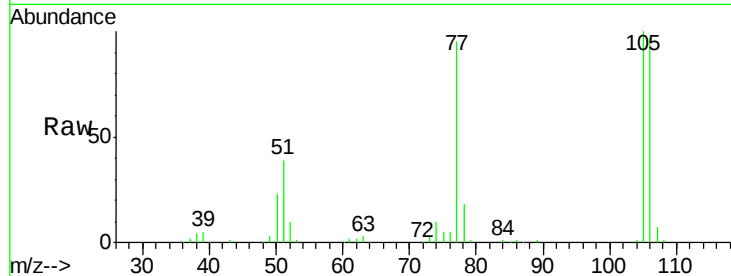




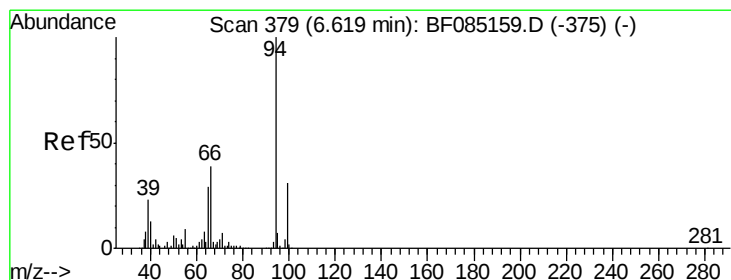
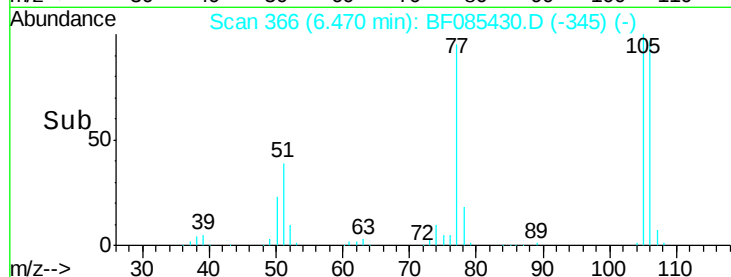
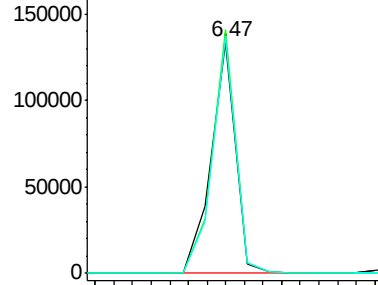
#9
Benzaldehyde
Concen: 16.30 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.06 min
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Instrument :
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Tgt Ion: 77 Resp: 122811
Ion Ratio Lower Upper
77 100
105 105.3 78.2 118.2
106 102.2 72.9 112.9

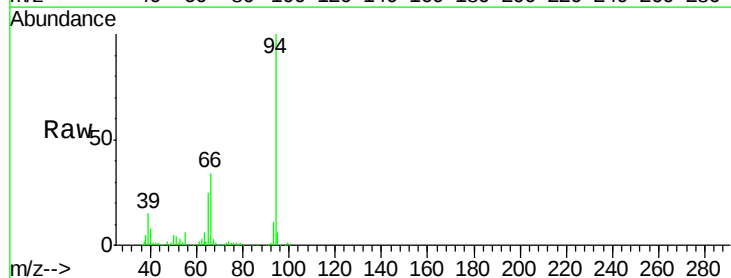


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

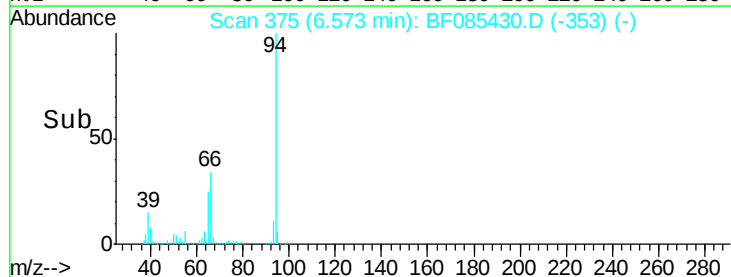
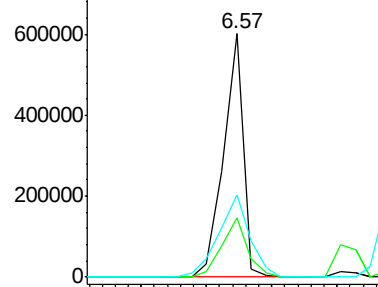


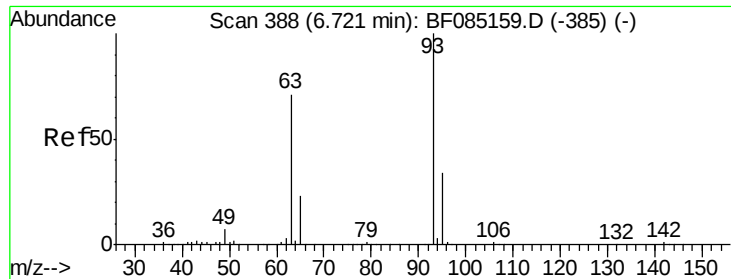
#10
Phenol
Concen: 44.54 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion: 94 Resp: 632746
Ion Ratio Lower Upper
94 100
65 24.6 9.1 49.1
66 33.7 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

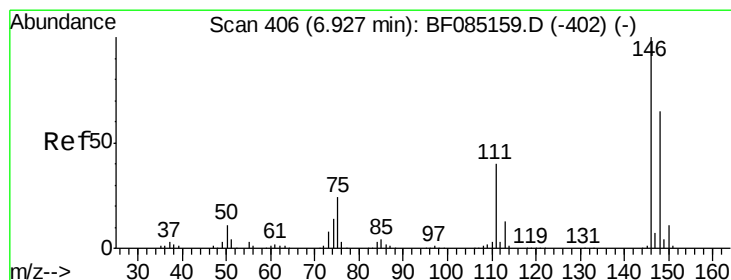
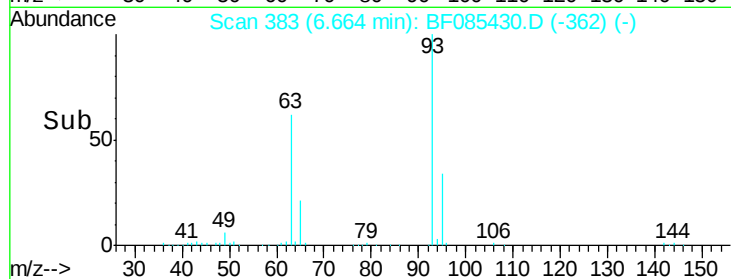
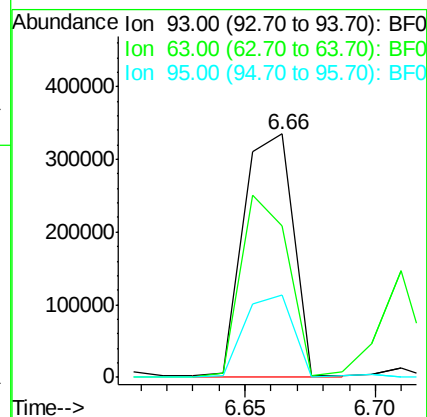
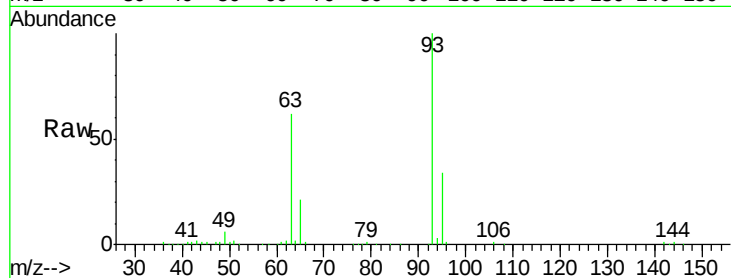




#11
bis(2-Chloroethyl)ether
Concen: 38.05 ng
RT: 6.66 min Scan# 383
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

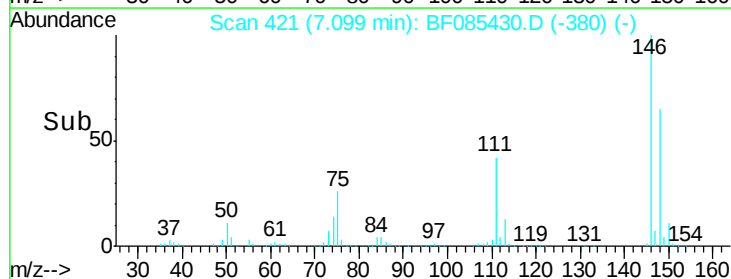
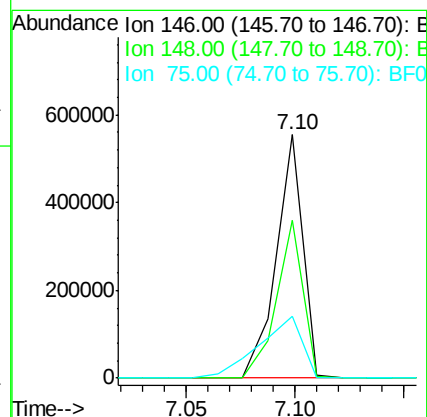
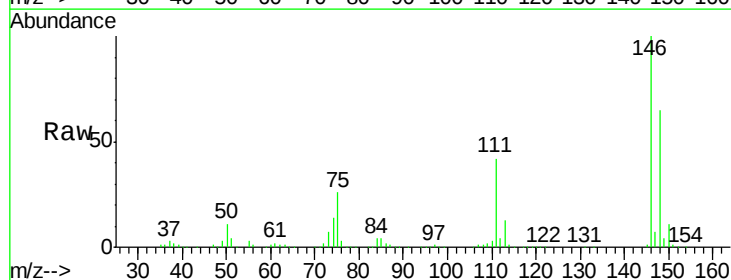
Instrument :
BNA_F
ClientSampleId :
PB88829BSD

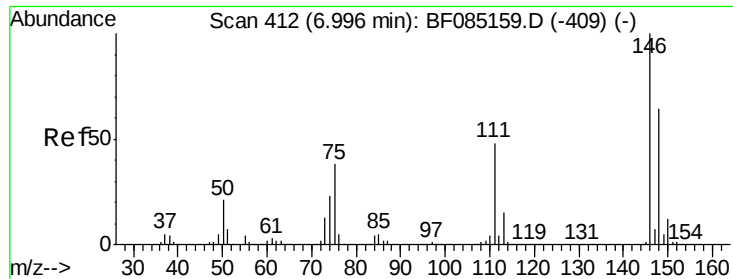
Tgt Ion: 93 Resp: 449015
Ion Ratio Lower Upper
93 100
63 62.4 50.9 90.9
95 33.7 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 36.67 ng
RT: 7.10 min Scan# 421
Delta R.T. 0.17 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion: 146 Resp: 479847
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
75 25.6 19.5 29.3

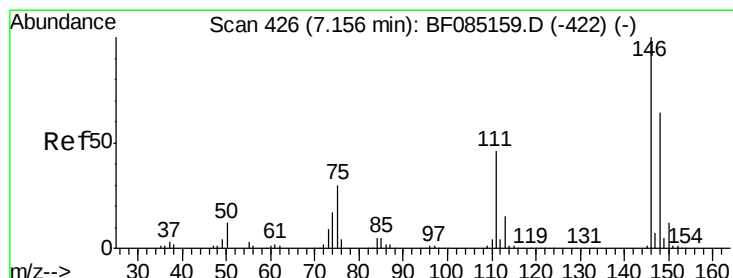
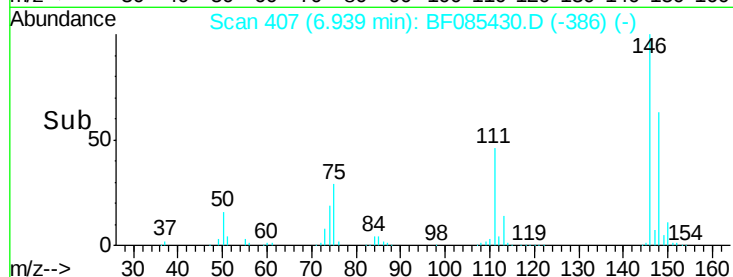
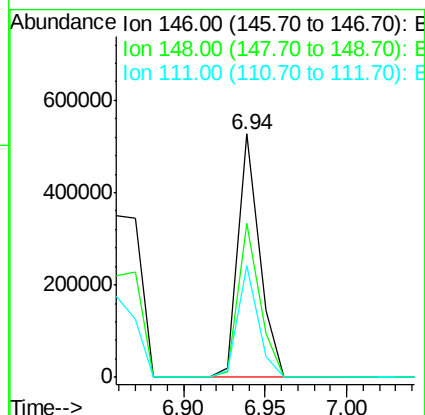
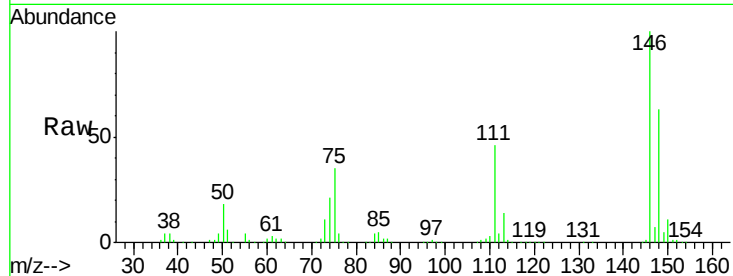




#13
 1,4-Dichlorobenzene
 Concen: 36.22 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

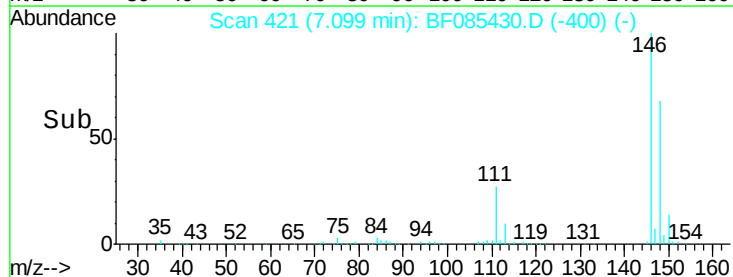
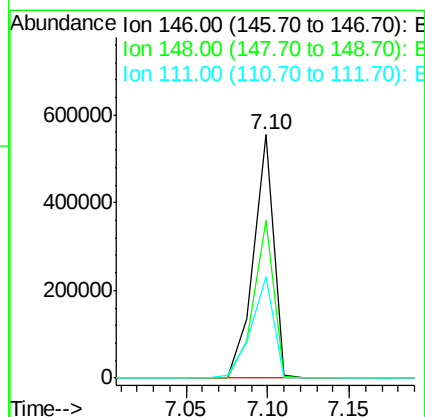
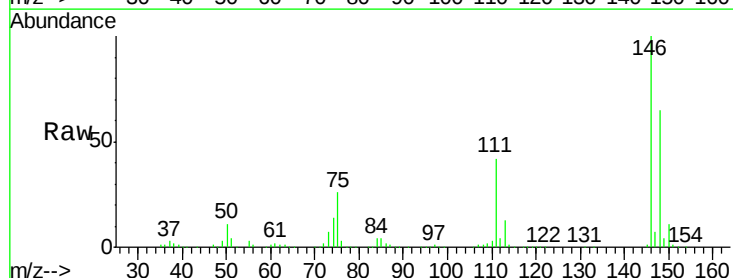
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

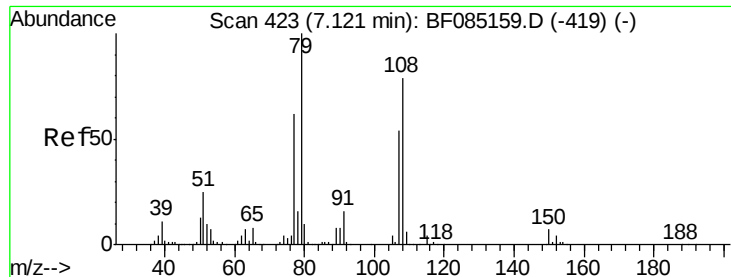
Tgt Ion:146 Resp: 475072
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.3 76.9
 111 46.0 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 40.33 ng
 RT: 7.10 min Scan# 421
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:146 Resp: 479905
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 111 41.6 36.7 55.1





#15

Benzyl Alcohol

Concen: 38.58 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

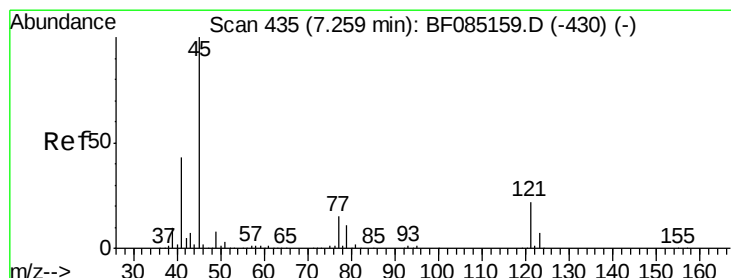
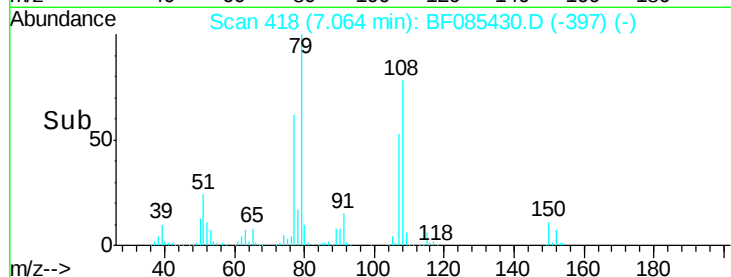
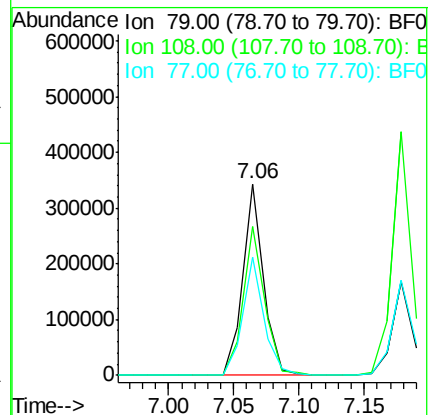
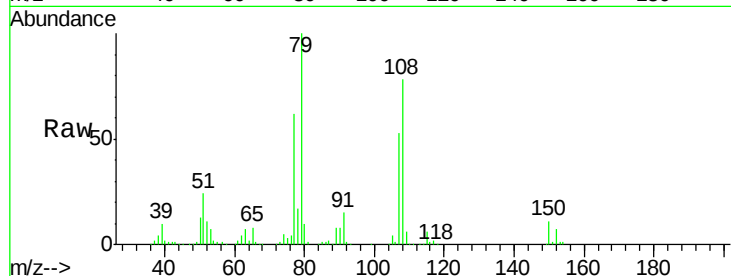
Tgt Ion: 79 Resp: 375676

Ion Ratio Lower Upper

79 100

108 77.9 62.9 94.3

77 61.9 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.33 ng

RT: 7.20 min Scan# 430

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

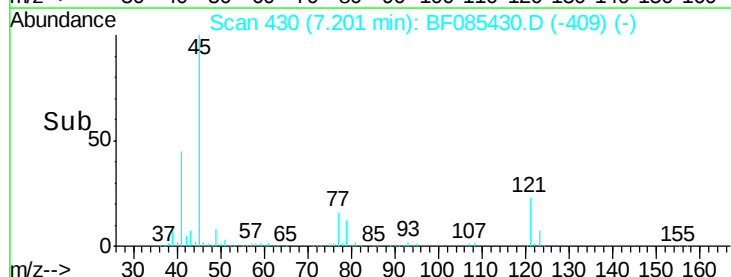
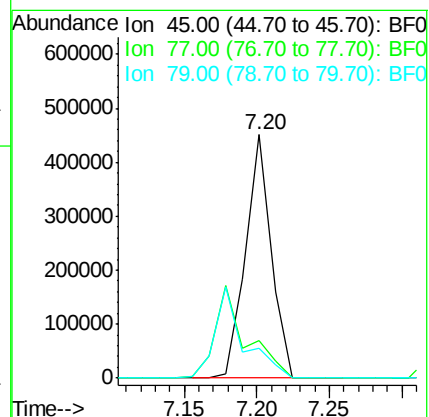
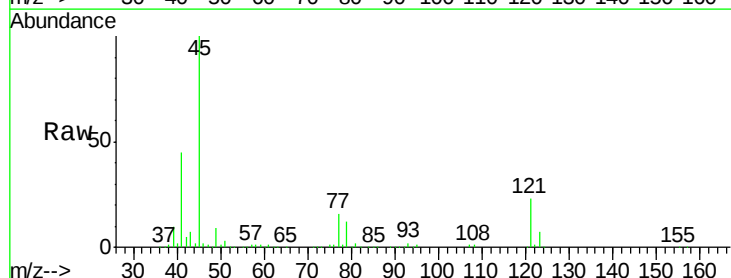
Tgt Ion: 45 Resp: 549822

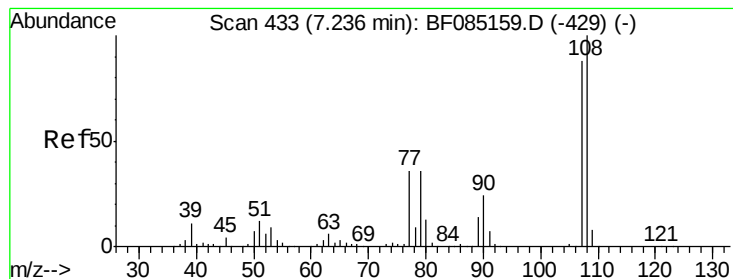
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.1

79 12.2 0.0 31.3





#17

2-Methylphenol

Concen: 38.31 ng

RT: 7.18 min Scan# 428

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

Tgt Ion:107 Resp: 381008

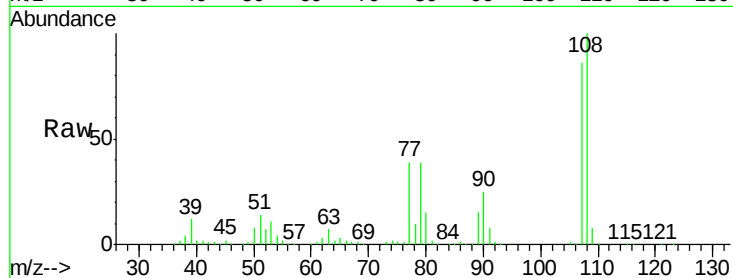
Ion Ratio Lower Upper

107 100

108 116.4 90.9 136.3

77 45.6 32.6 48.8

79 45.1 32.8 49.2

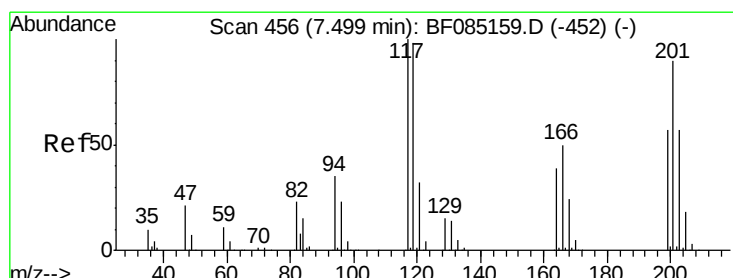
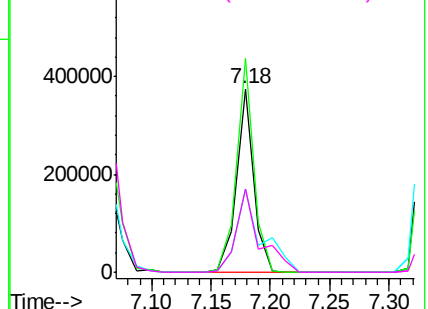
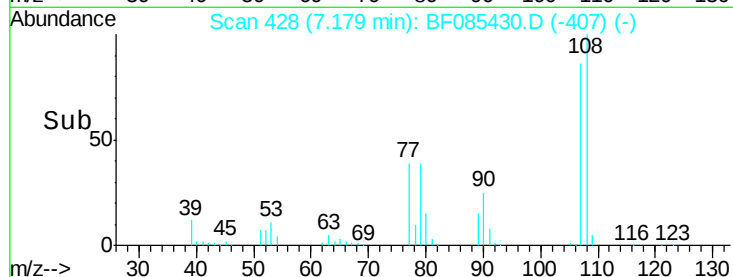


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.69 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

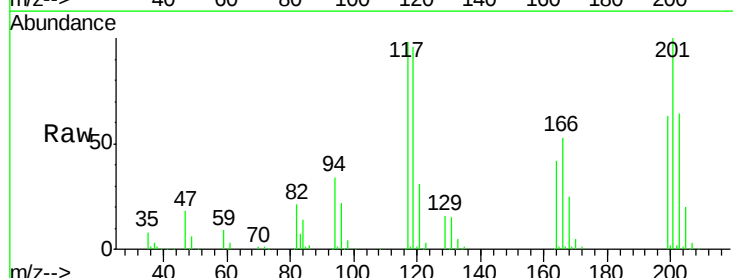
Tgt Ion:117 Resp: 187178

Ion Ratio Lower Upper

117 100

119 97.7 78.2 117.4

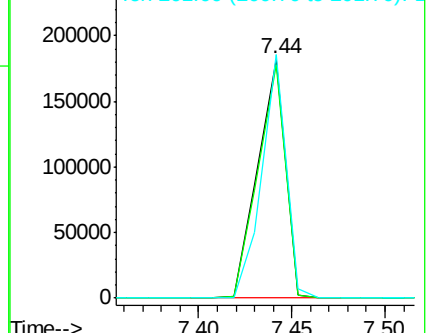
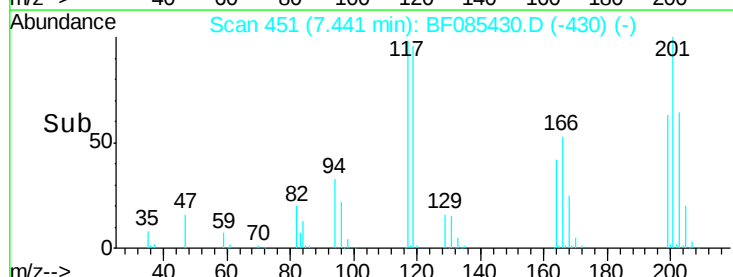
201 101.9 72.0 108.0

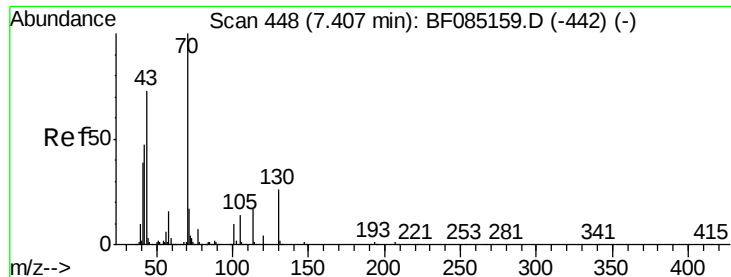


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

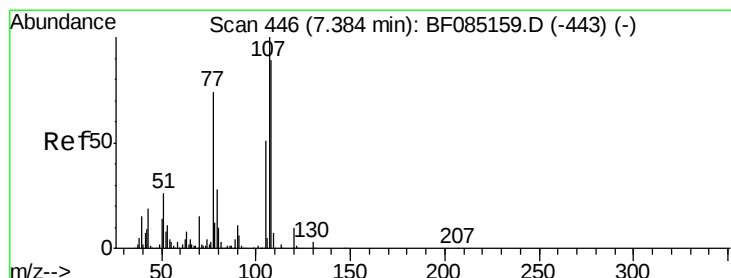
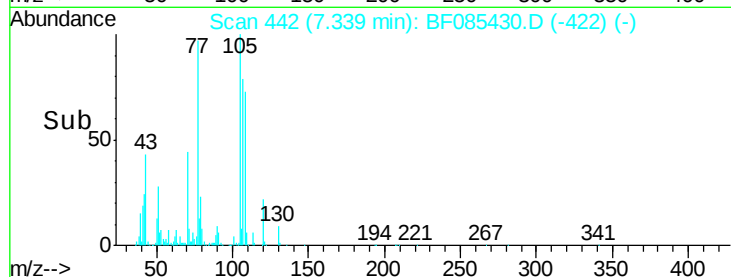
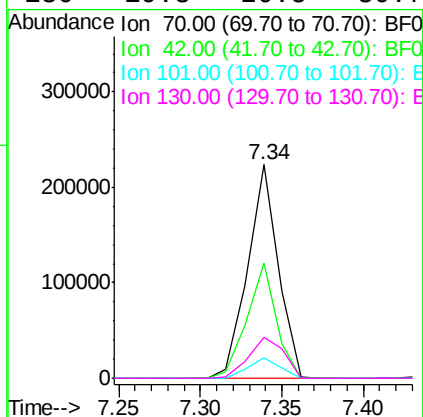
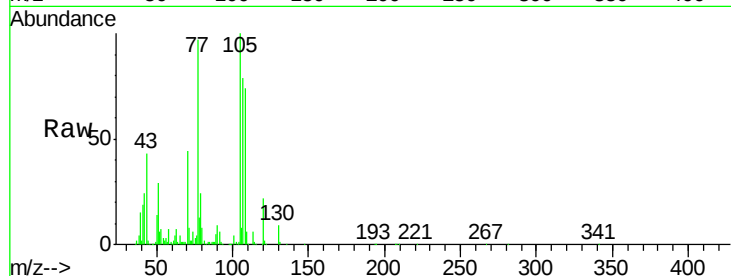




#19
n-Nitroso-di-n-propylamine
Concen: 33.42 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

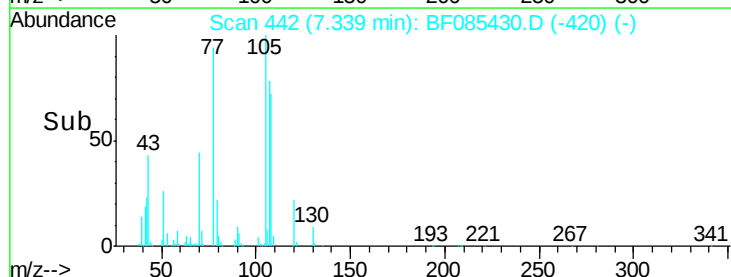
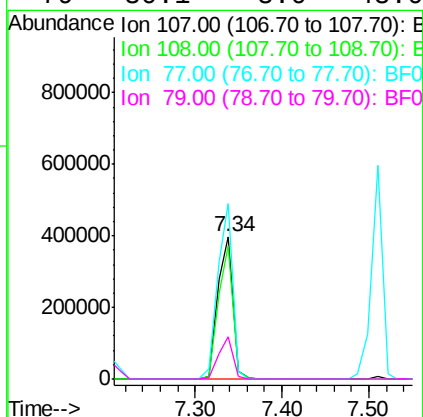
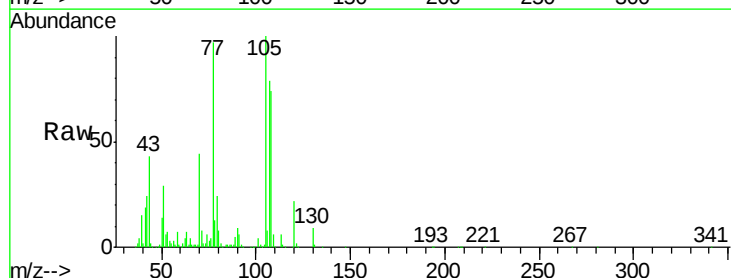
Instrument :
BNA_F
ClientSampleId :
PB88829BSD

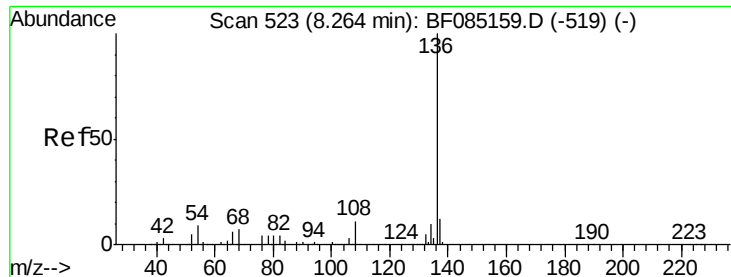
Tgt Ion: 70 Resp: 288949
Ion Ratio Lower Upper
70 100
42 53.9 37.7 56.5
101 9.4 8.2 12.4
130 19.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 41.59 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion: 107 Resp: 489936
Ion Ratio Lower Upper
107 100
108 93.4 68.8 108.8
77 122.8 53.6 93.6#
79 30.1 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: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

Tgt Ion:136 Resp: 657847

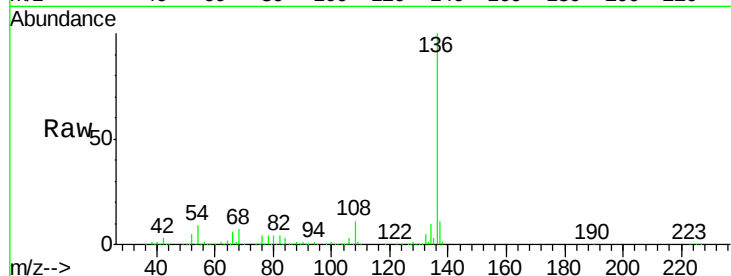
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.9 7.4 11.2

68 6.8 6.0 9.0

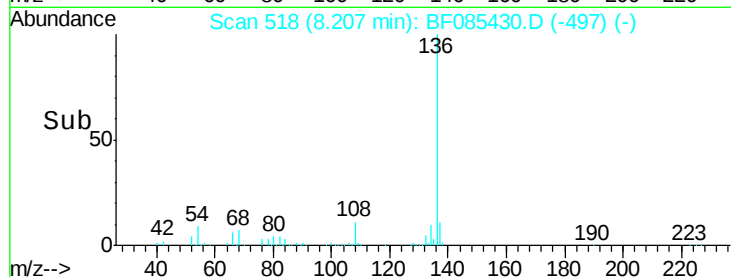


Abundance Ion 136.00 (135.70 to 136.70): E

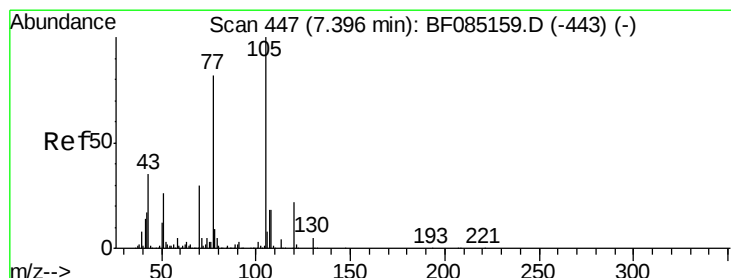
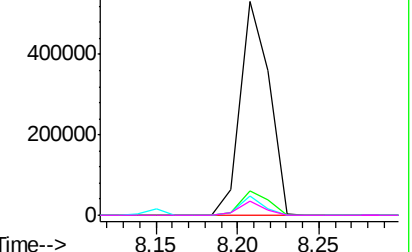
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.24 ng

RT: 7.34 min Scan# 442

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion:105 Resp: 597997

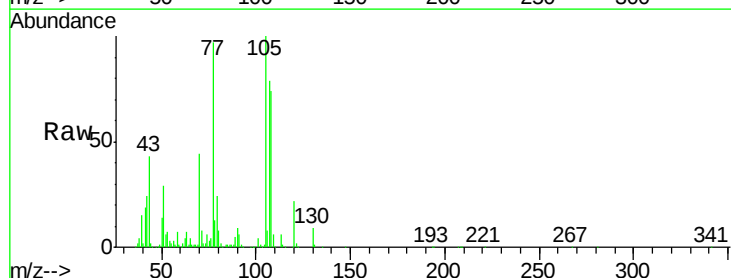
Ion Ratio Lower Upper

105 100

71 7.7 4.1 6.1#

51 28.6 21.1 31.7

120 22.2 17.3 25.9

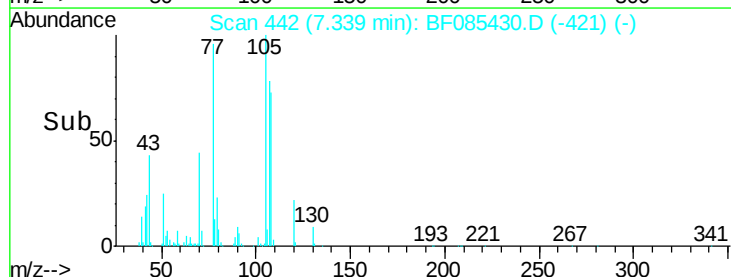


Abundance Ion 105.00 (104.70 to 105.70): E

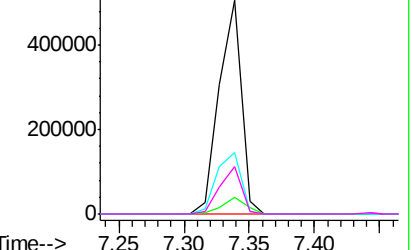
Ion 71.00 (70.70 to 71.70): BF0

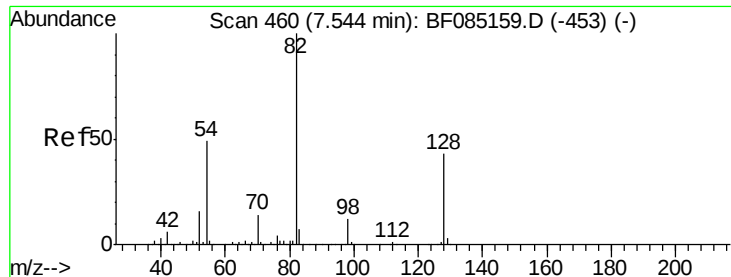
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

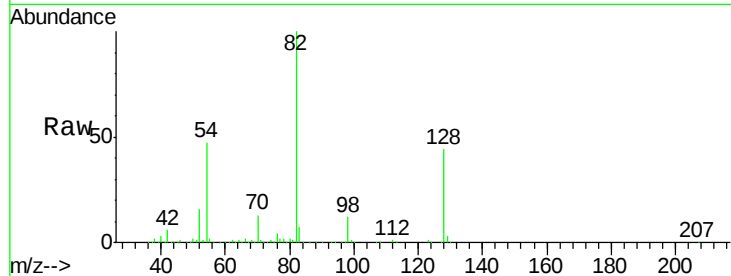




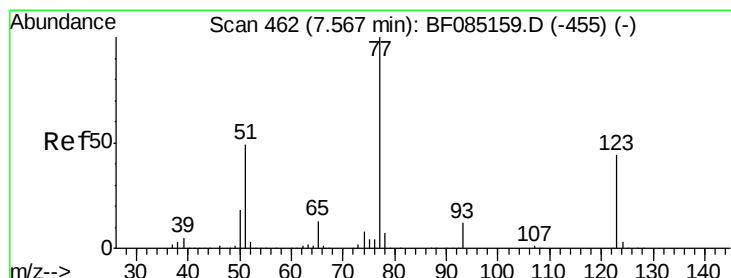
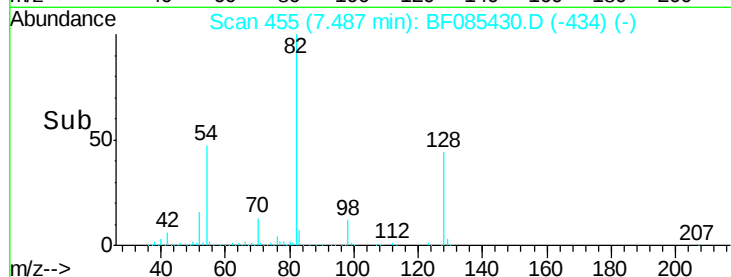
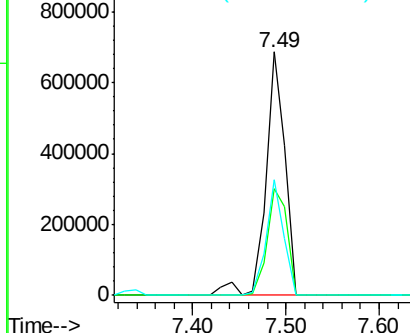
#23
 Nitrobenzene-d5
 Concen: 79.22 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion: 82 Resp: 973888
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.5 51.7
 54 47.3 39.3 58.9

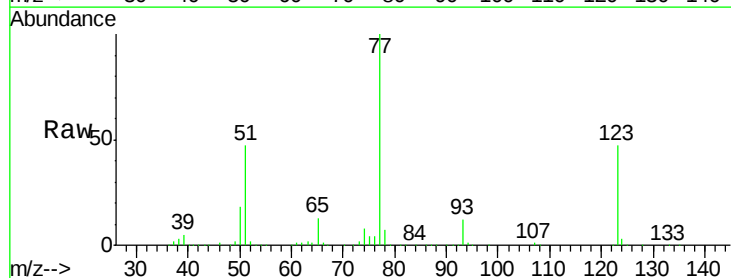


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

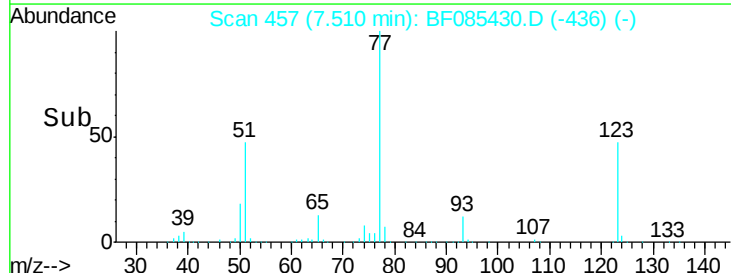
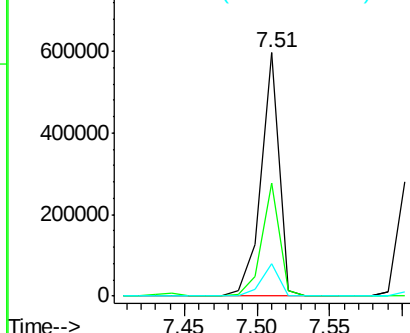


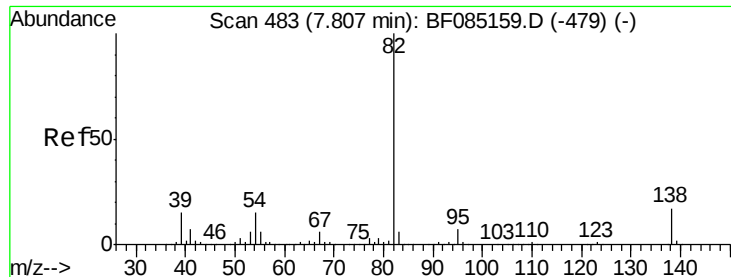
#24
 Nitrobenzene
 Concen: 41.41 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion: 77 Resp: 517150
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.4 53.2
 65 13.3 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: 40.23 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

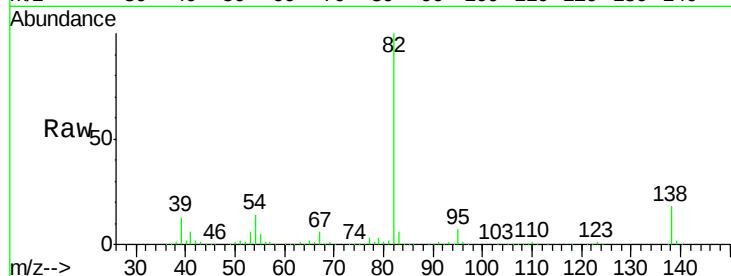
Tgt Ion: 82 Resp: 916419

Ion Ratio Lower Upper

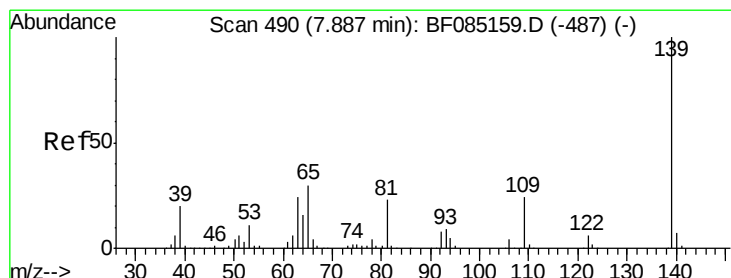
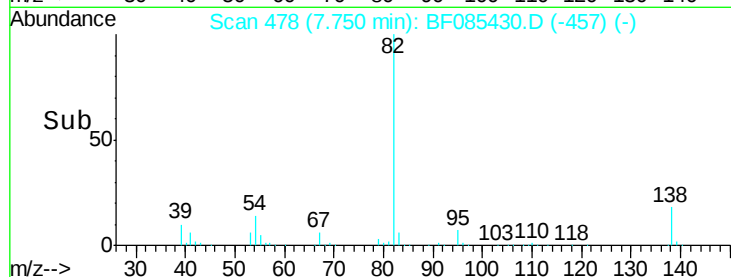
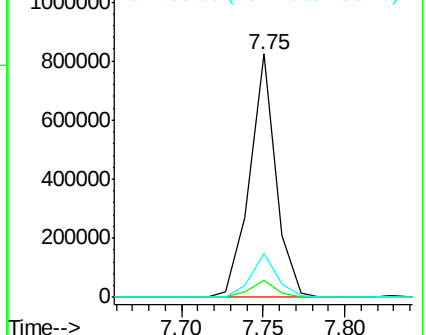
82 100

95 7.0 5.4 8.2

138 17.8 13.3 19.9



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



#26

2-Nitrophenol

Concen: 44.36 ng

RT: 7.83 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

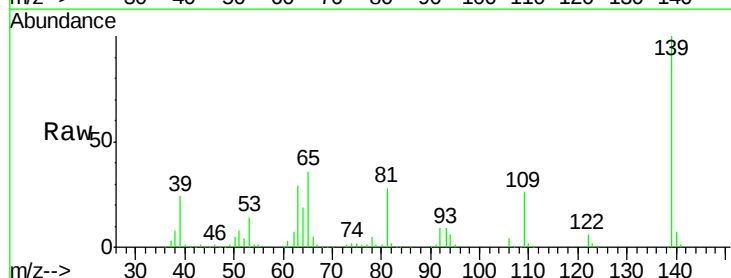
Tgt Ion: 139 Resp: 269563

Ion Ratio Lower Upper

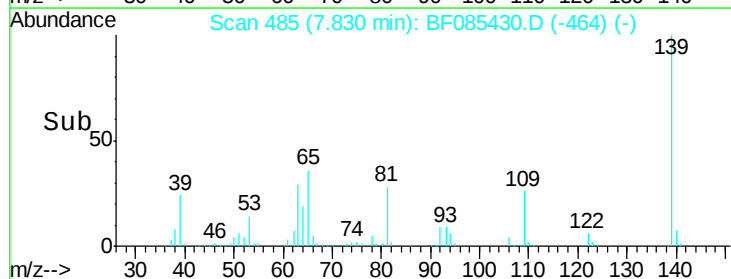
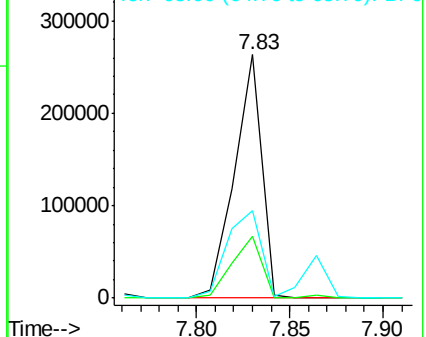
139 100

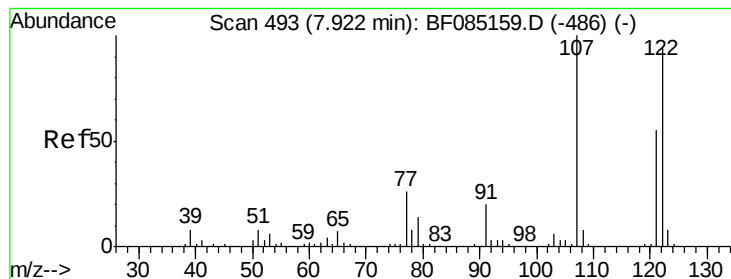
109 25.6 19.1 28.7

65 36.0 23.9 35.9#



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





#27

2,4-Dimethylphenol

Concen: 41.23 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB8829BSD

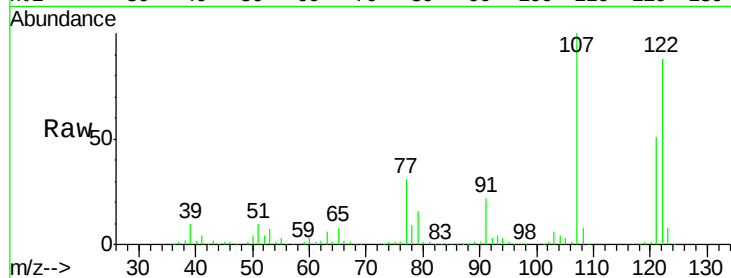
Tgt Ion:122 Resp: 457901

Ion Ratio Lower Upper

122 100

107 113.4 84.8 127.2

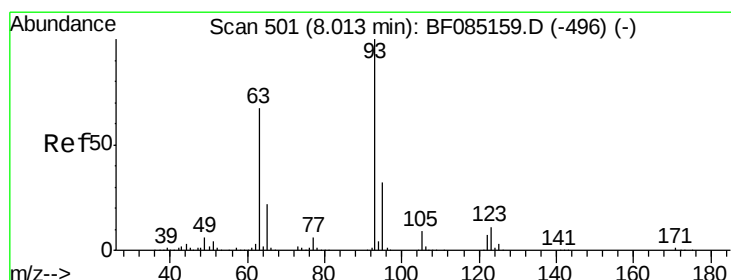
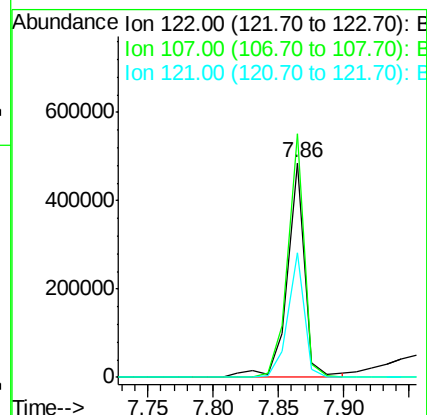
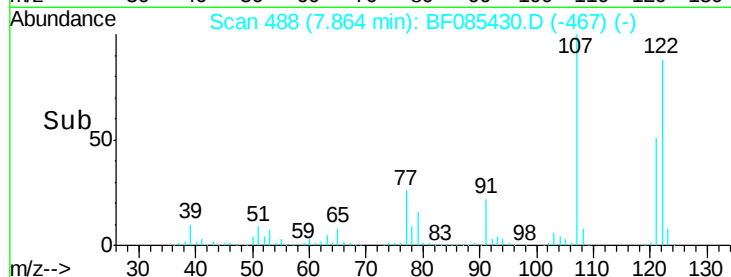
121 58.0 47.0 70.6



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: 42.36 ng

RT: 7.96 min Scan# 496

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

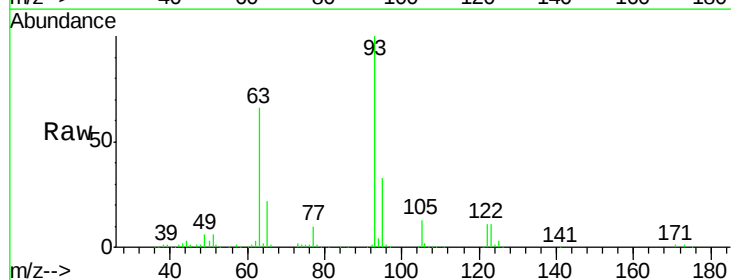
Tgt Ion: 93 Resp: 537453

Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

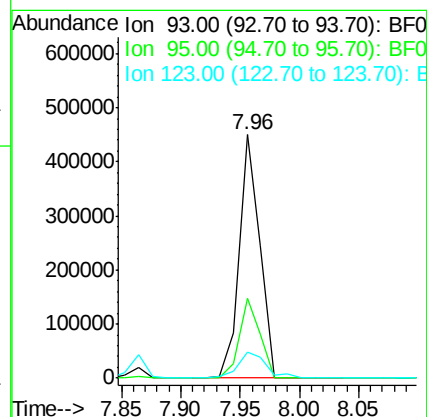
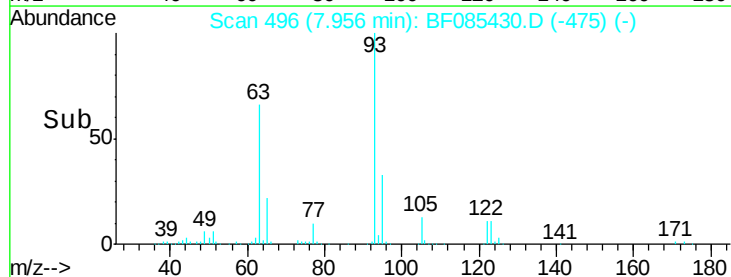
123 10.9 8.8 13.2

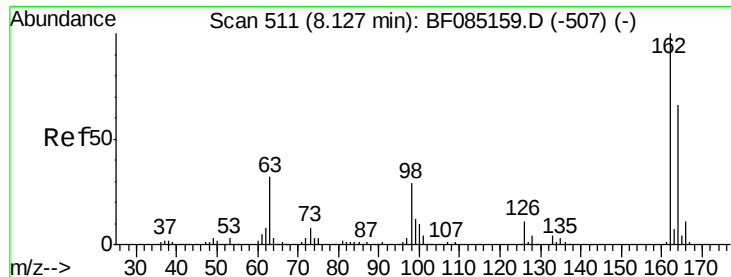


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

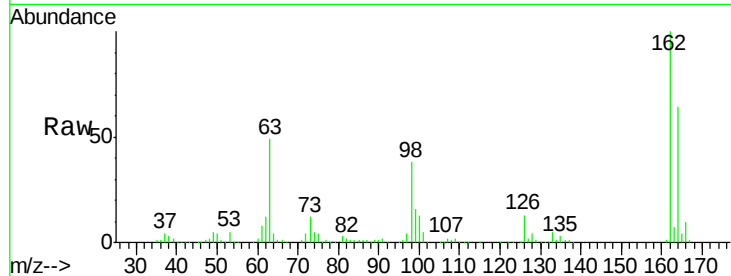




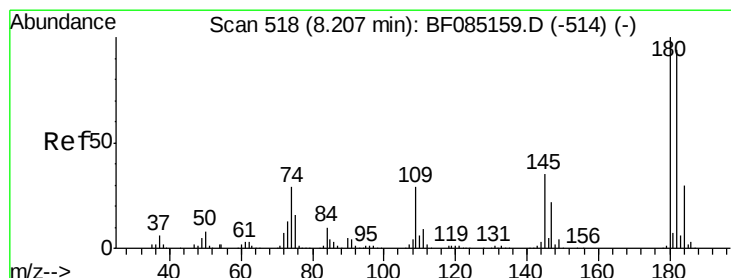
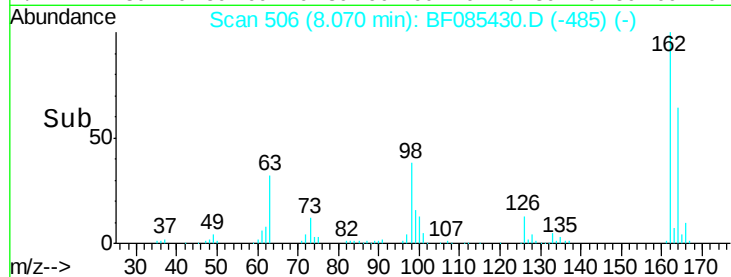
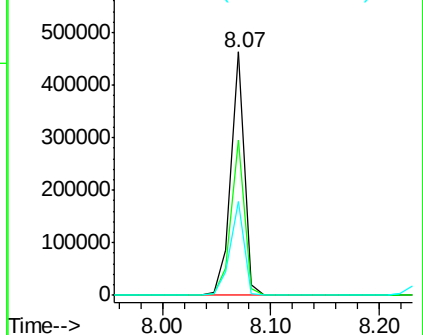
#29
 2,4-Dichlorophenol
 Concen: 44.58 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion:162 Resp: 399276
 Ion Ratio Lower Upper
 162 100
 164 64.0 45.7 85.7
 98 38.4 9.4 49.4

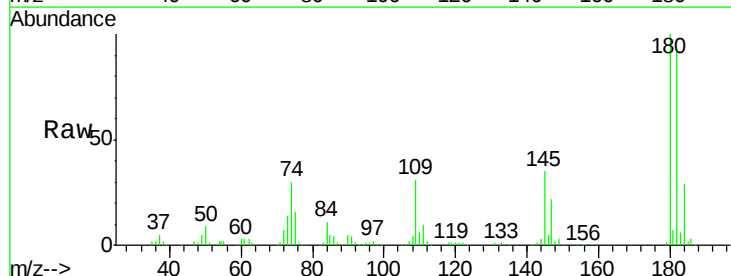


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

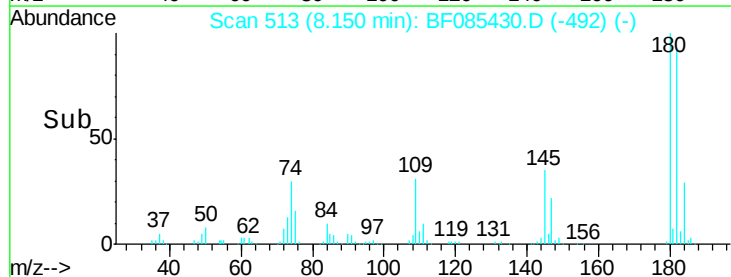
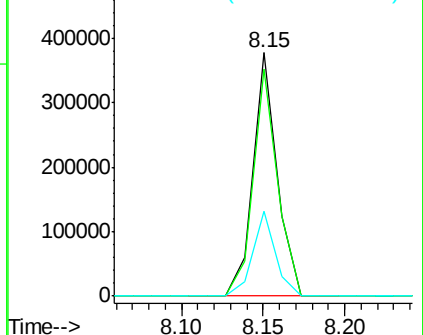


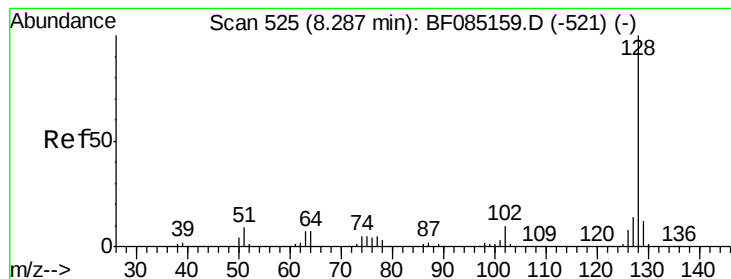
#30
 1,2,4-Trichlorobenzene
 Concen: 39.95 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:180 Resp: 386921
 Ion Ratio Lower Upper
 180 100
 182 93.1 74.9 112.3
 145 34.7 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: 39.20 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

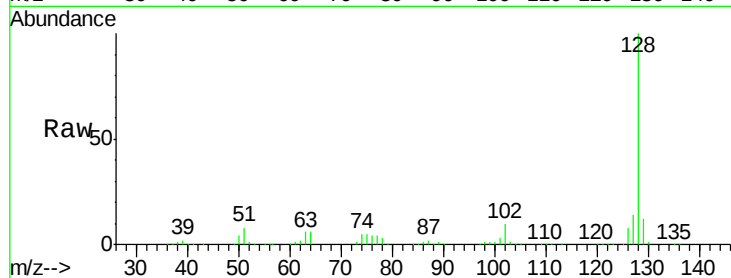
Tgt Ion:128 Resp: 1267884

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

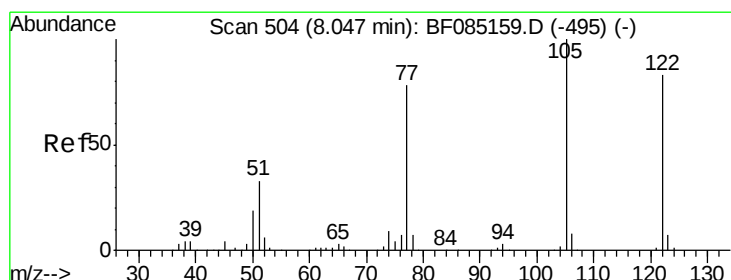
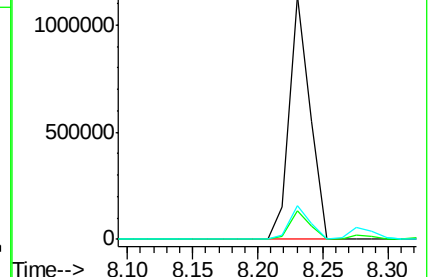
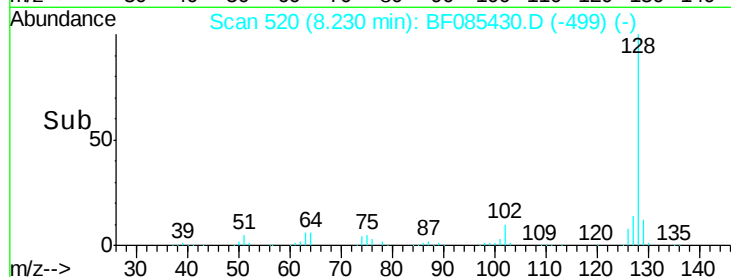
127 13.6 11.2 16.8



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: 38.96 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

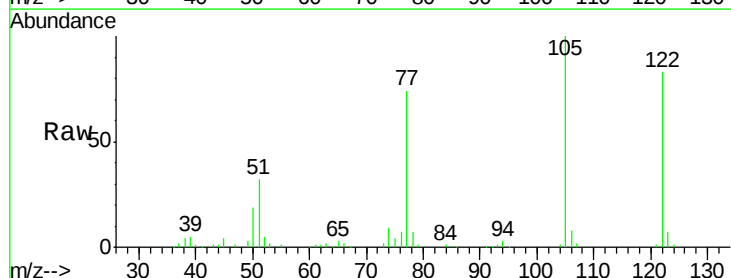
Tgt Ion:122 Resp: 287405

Ion Ratio Lower Upper

122 100

105 120.2 101.3 141.3

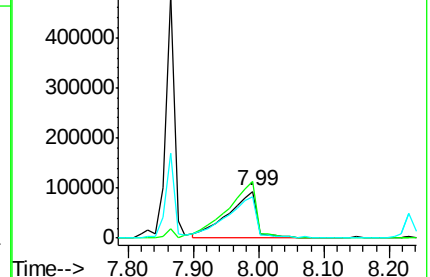
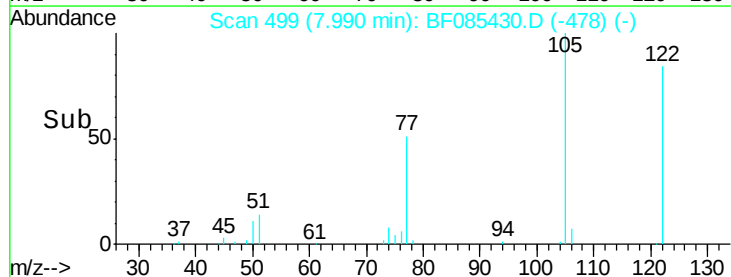
77 89.2 74.7 114.7

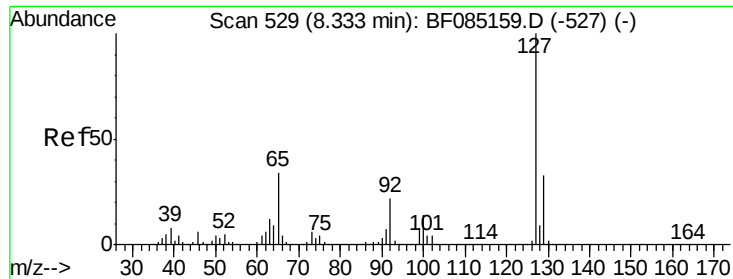


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

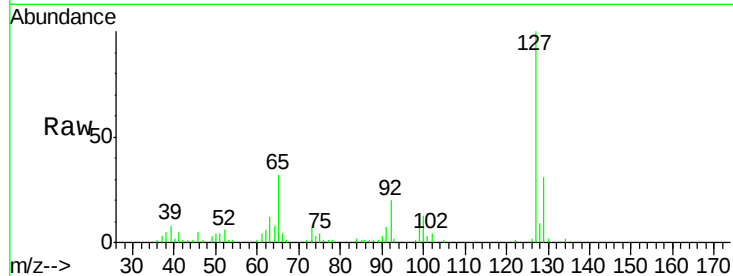




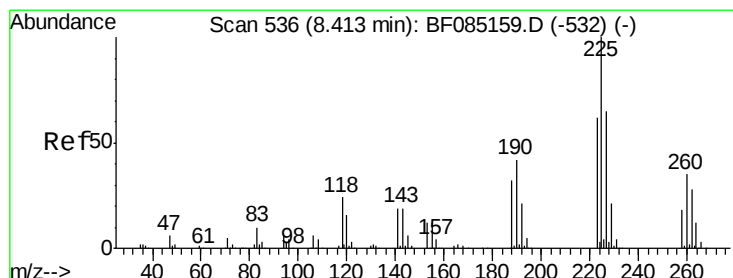
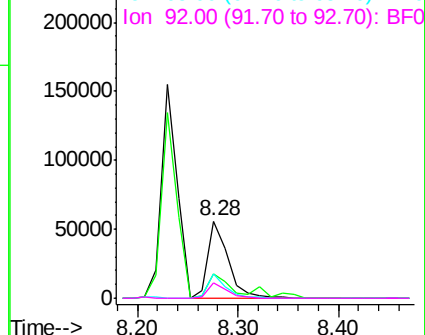
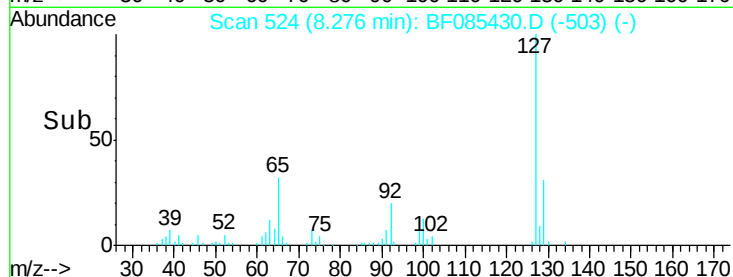
#33
4-Chloroaniline
Concen: 6.03 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion:	127	Resp:	78851
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.1	39.1
65	32.2	27.0	40.6
92	19.6	17.4	26.0

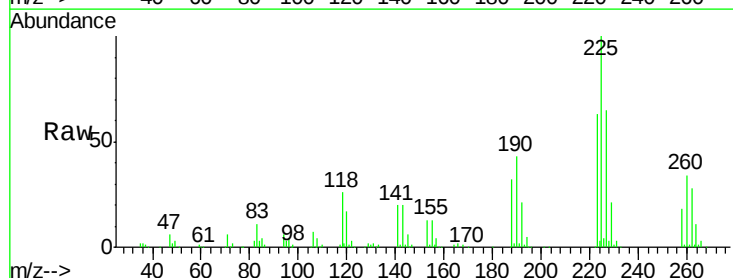


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

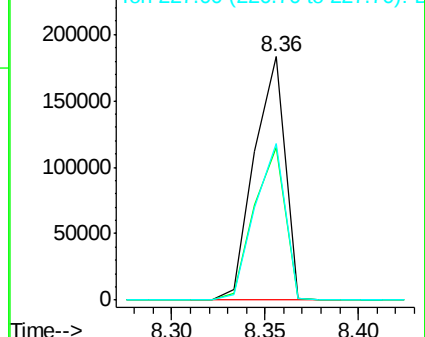
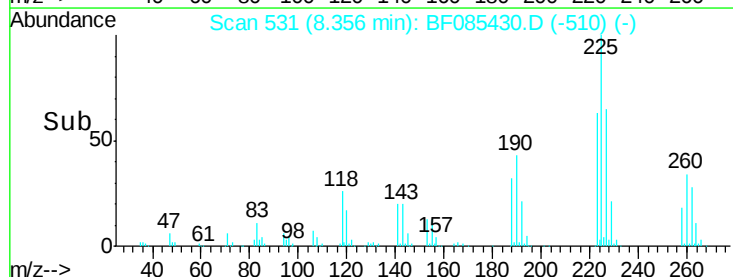


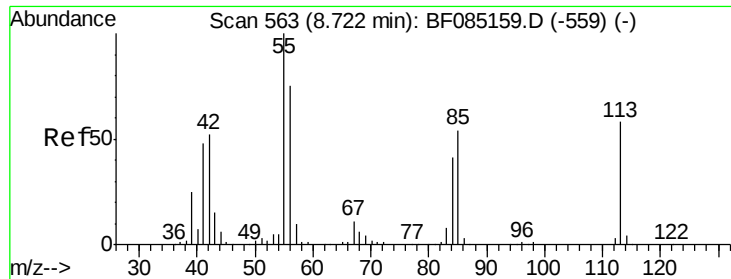
#34
Hexachlorobutadiene
Concen: 41.40 ng
RT: 8.36 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion:	225	Resp:	208594
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	64.5	52.2	78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

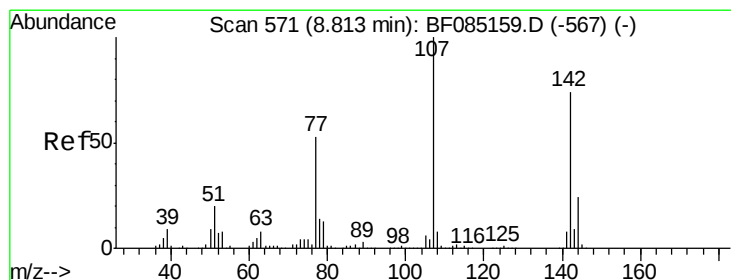
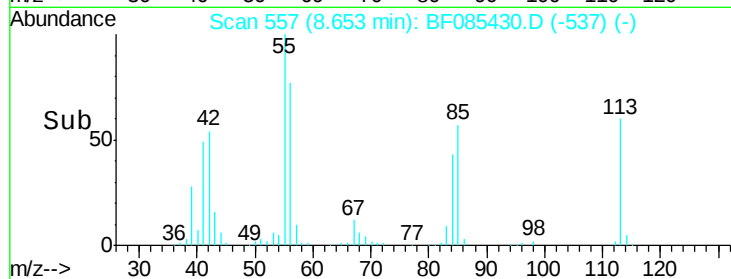
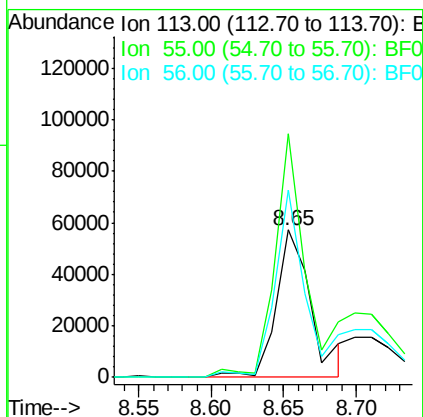
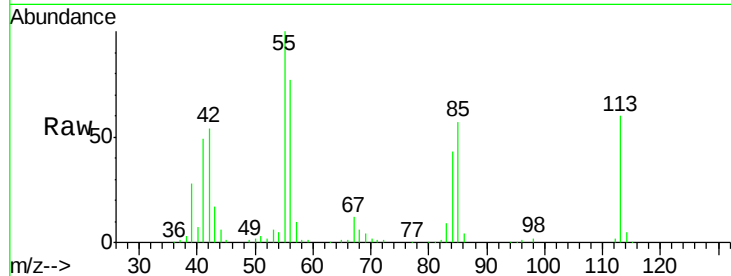




#35
 Caprolactam
 Concen: 32.51 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.07 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

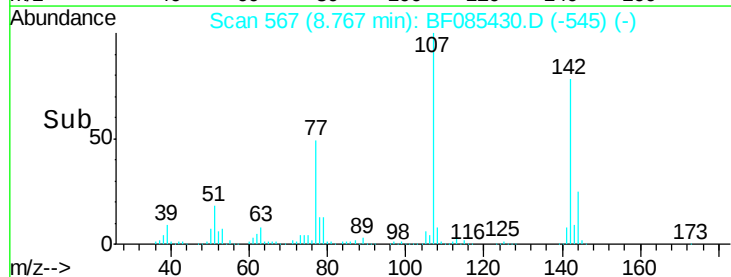
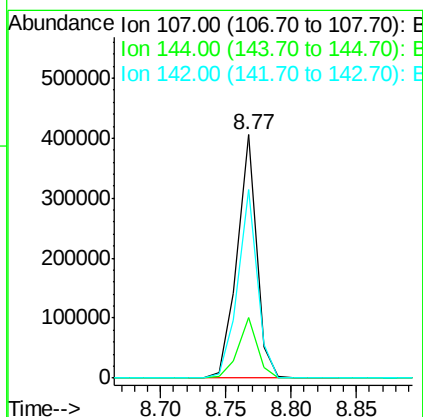
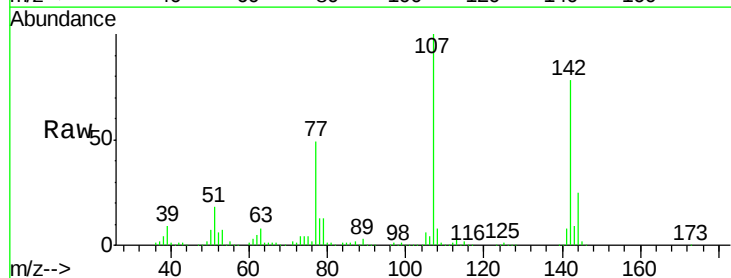
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

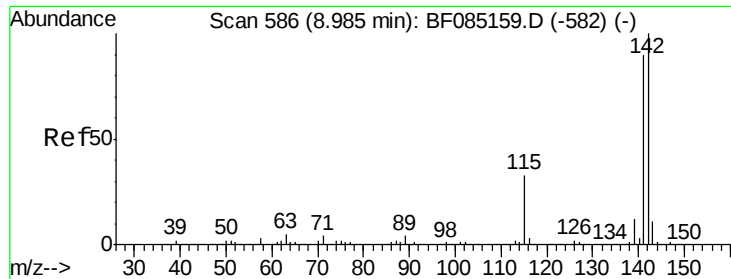
Tgt Ion:113 Resp: 95086
 Ion Ratio Lower Upper
 113 100
 55 165.6 152.7 192.7
 56 127.6 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.36 ng
 RT: 8.77 min Scan# 567
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:107 Resp: 420323
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.4 29.2
 142 77.7 59.4 89.2

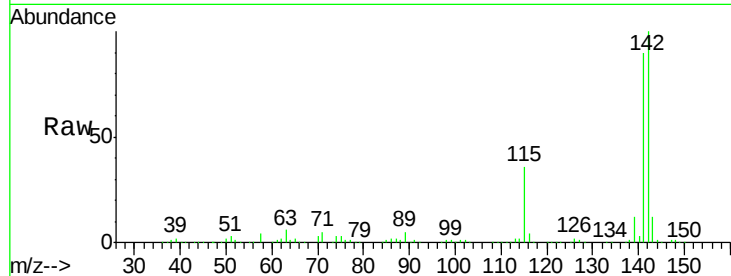




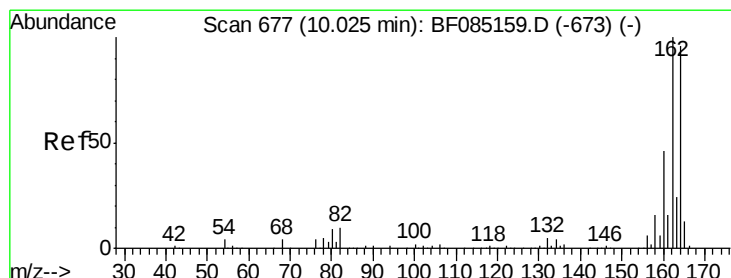
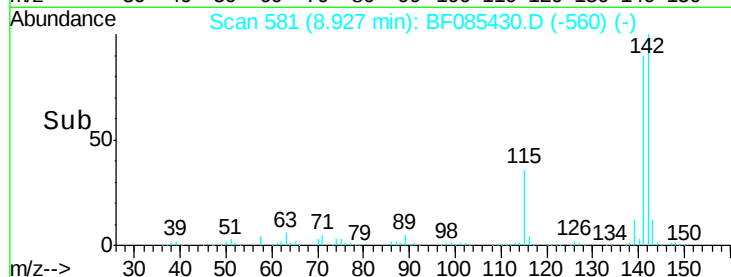
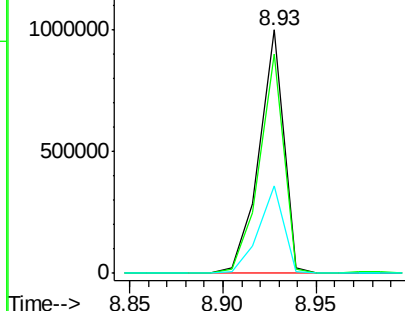
#37
 2-Methylnaphthalene
 Concen: 43.86 ng
 RT: 8.93 min Scan# 581
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion:142 Resp: 910483
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.7 107.5
 115 35.9 26.2 39.4

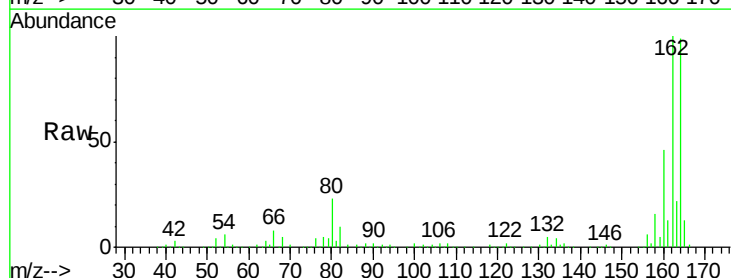


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

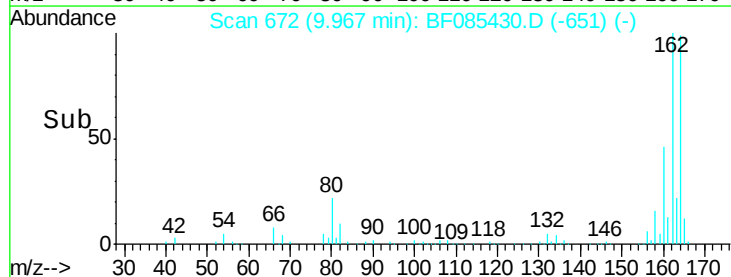
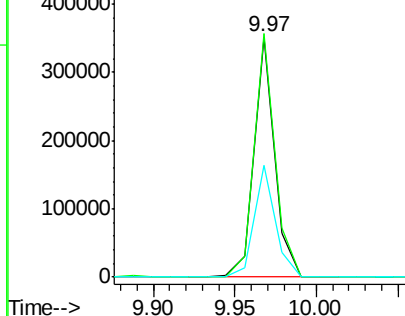


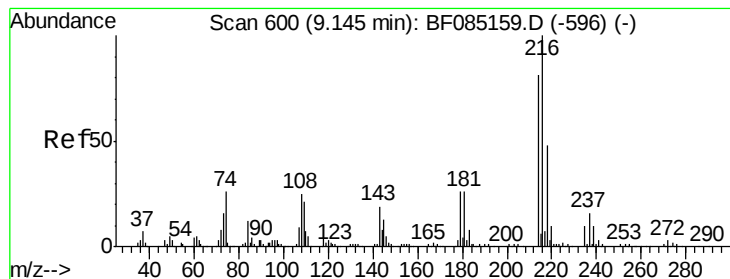
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:164 Resp: 307294
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.3 124.9
 160 46.6 37.9 56.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.51 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

Tgt Ion:216 Resp: 356024

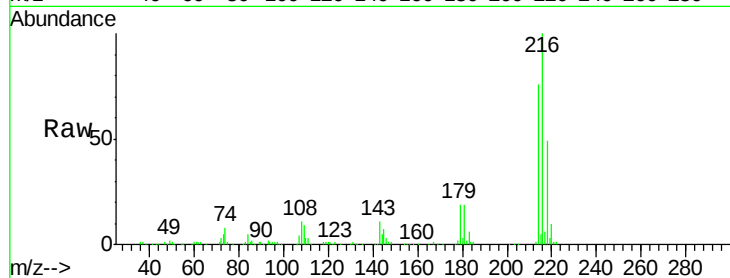
Ion Ratio Lower Upper

216 100

214 77.9 63.8 95.6

179 22.6 19.6 29.4

108 22.3 19.6 29.4

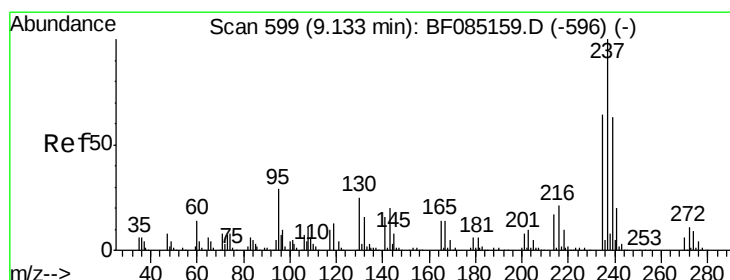
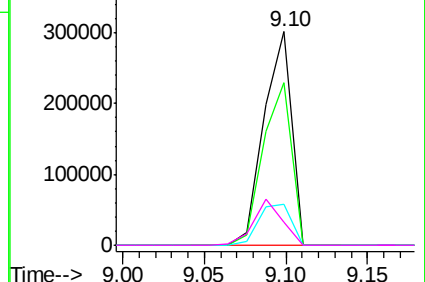
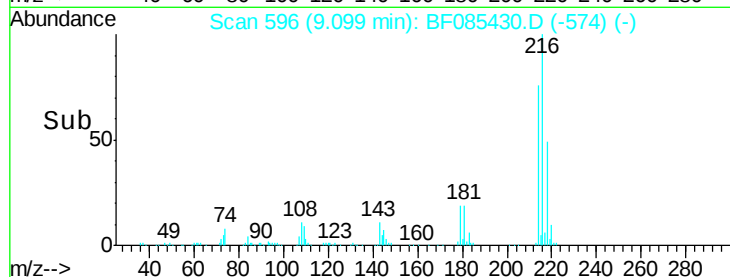


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.34 ng

RT: 9.08 min Scan# 594

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

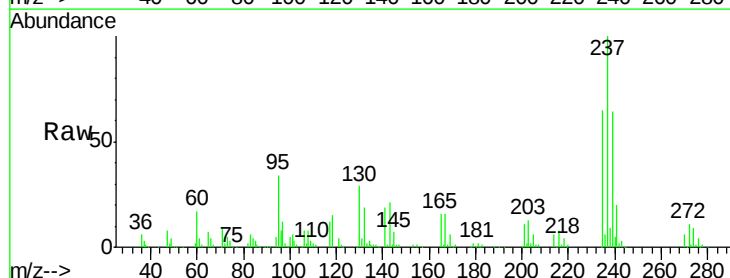
Tgt Ion:237 Resp: 286015

Ion Ratio Lower Upper

237 100

235 64.6 43.7 83.7

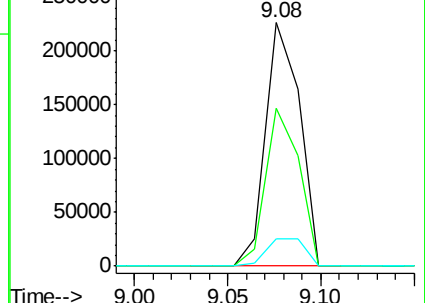
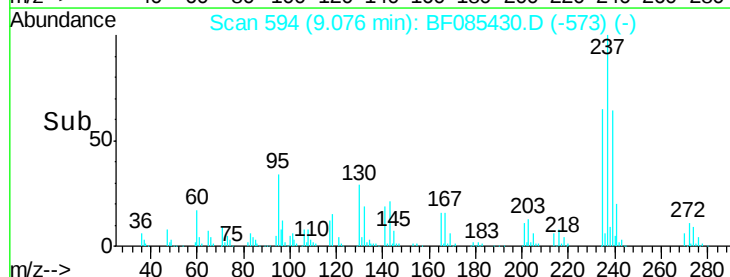
272 11.3 0.0 31.5

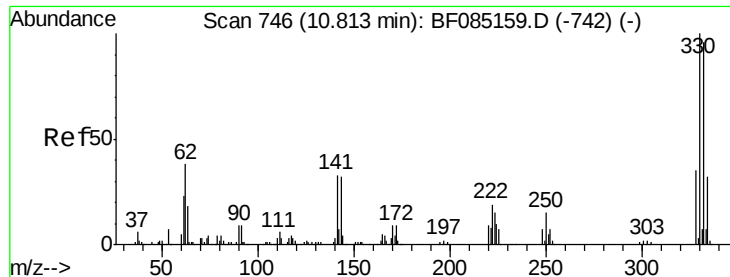


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

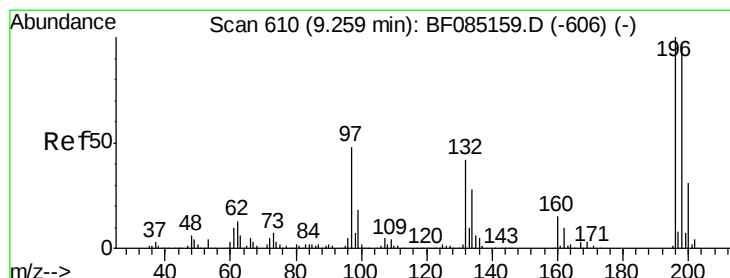
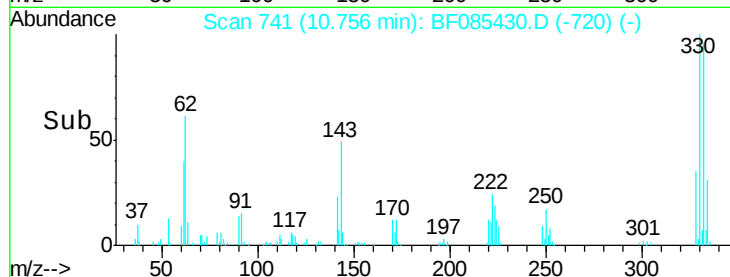
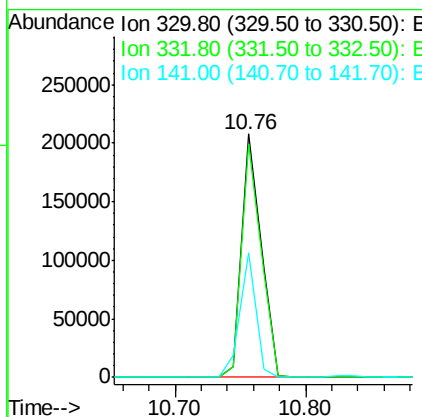
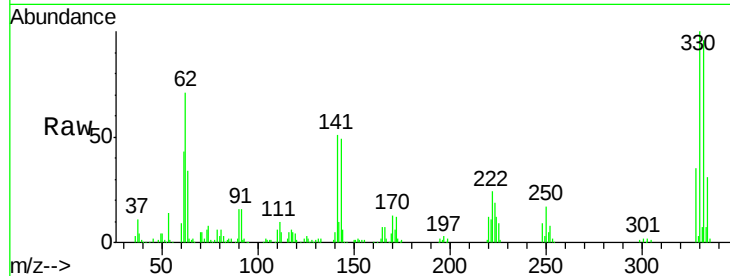




#41
 2,4,6-Tribromophenol
 Concen: 81.72 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

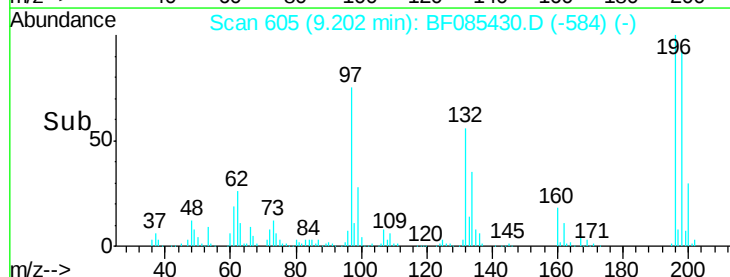
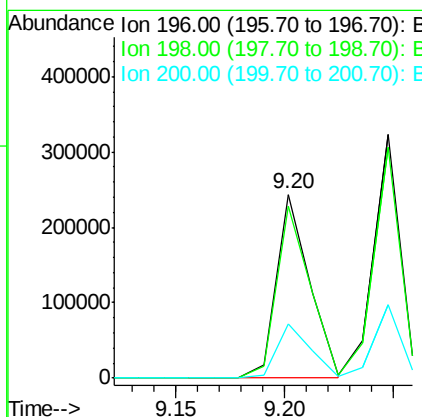
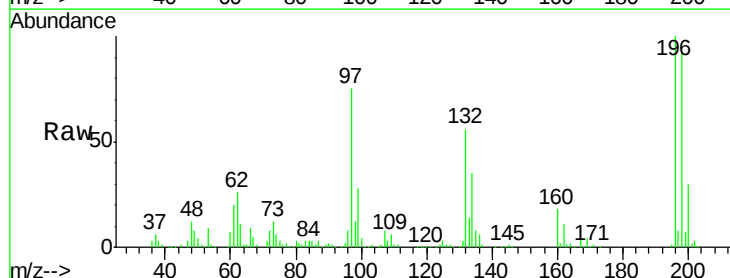
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

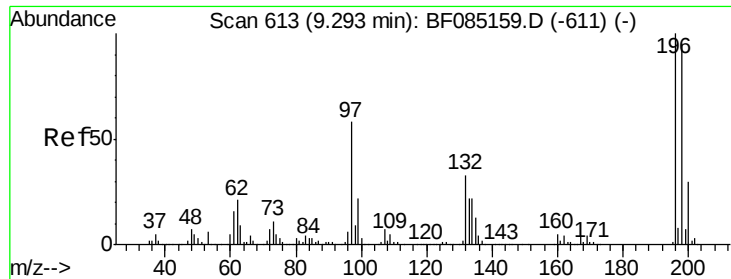
Tgt Ion:330 Resp: 214872
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 42.5 35.0 52.6



#42
 2,4,6-Trichlorophenol
 Concen: 39.81 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:196 Resp: 260435
 Ion Ratio Lower Upper
 196 100
 198 93.2 77.8 116.6
 200 29.6 25.0 37.6

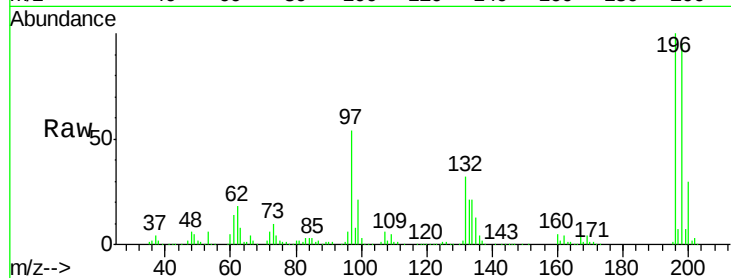




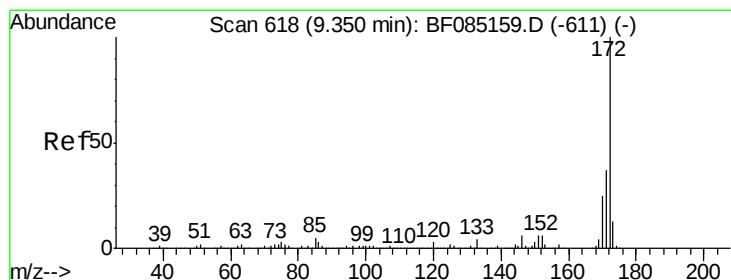
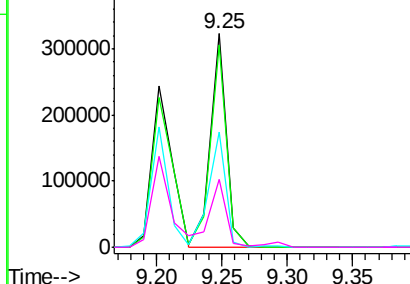
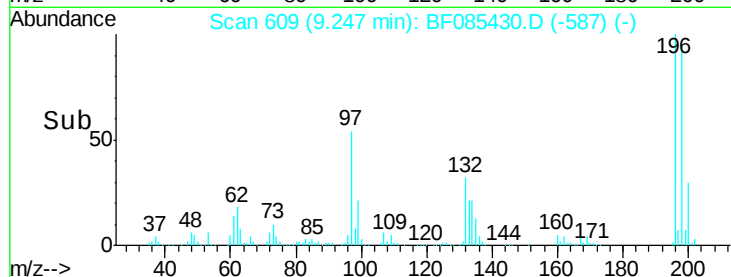
#43
 2,4,5-Trichlorophenol
 Concen: 44.98 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion:196 Resp: 278994
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 97 53.9 46.4 69.6
 132 31.6 26.2 39.4

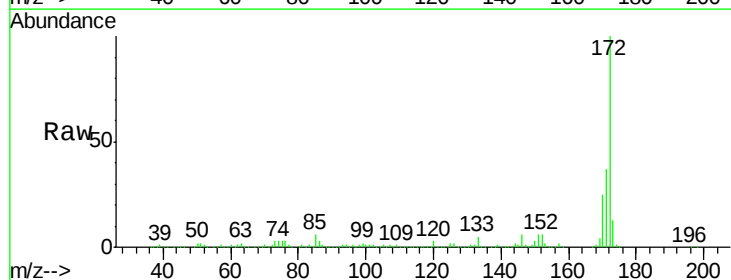


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

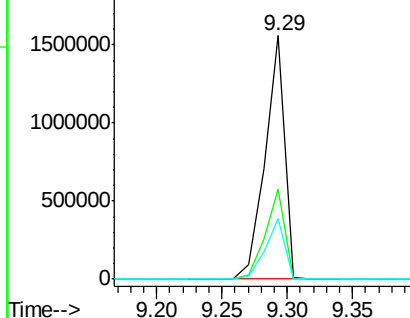
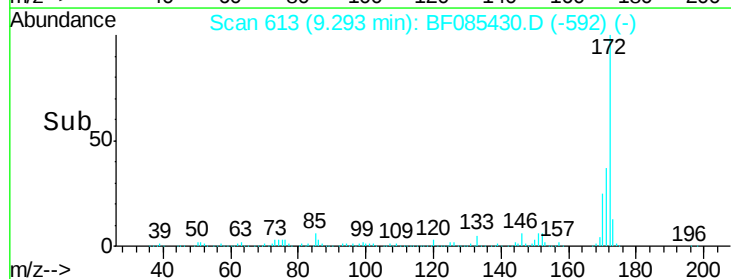


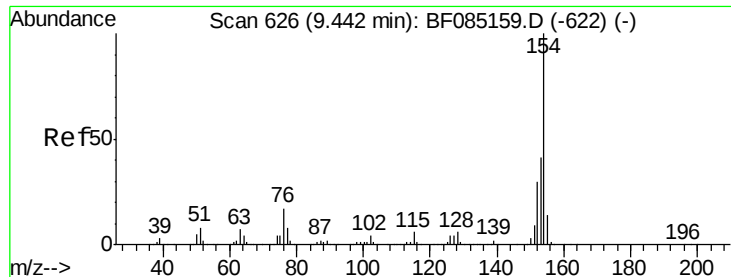
#44
 2-Fluorobiphenyl
 Concen: 80.62 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:172 Resp: 1628894
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.3 43.9
 170 24.9 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: 40.31 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

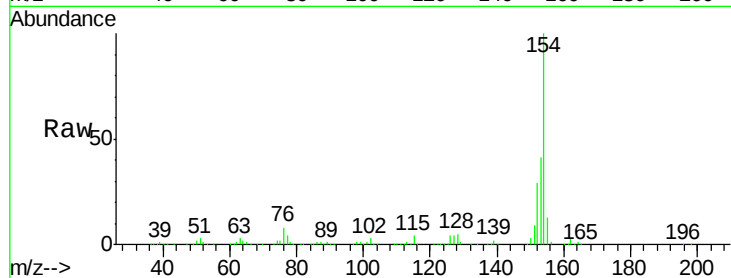
Tgt Ion:154 Resp: 1058394

Ion Ratio Lower Upper

154 100

153 40.8 21.4 61.4

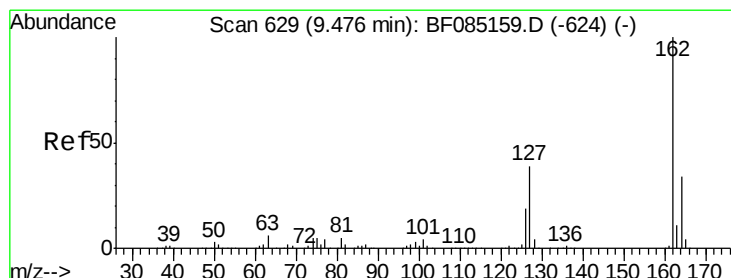
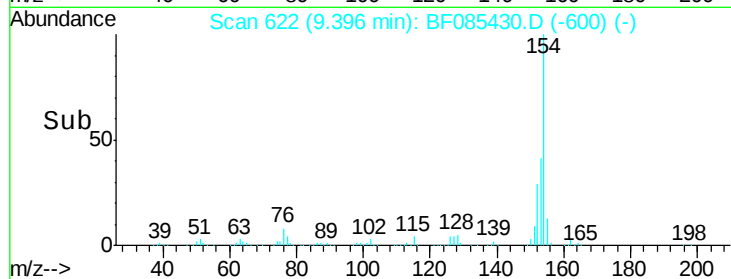
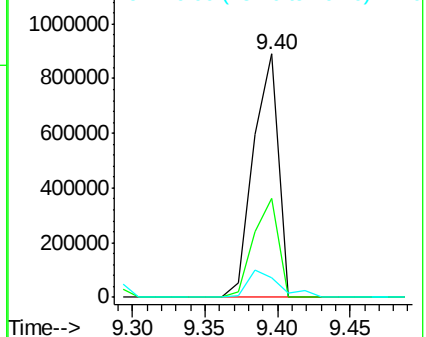
76 8.3 0.0 37.5



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: 41.11 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

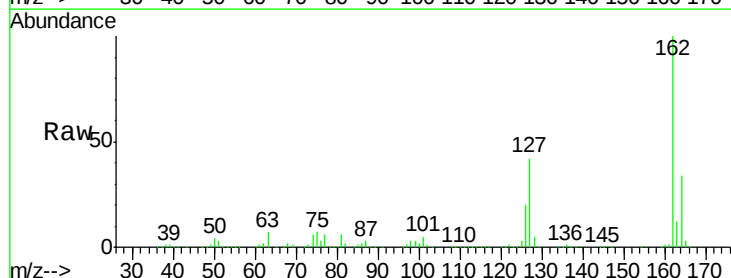
Tgt Ion:162 Resp: 822632

Ion Ratio Lower Upper

162 100

127 42.5 31.6 47.4

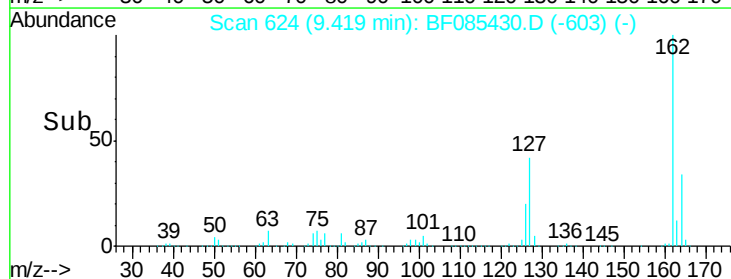
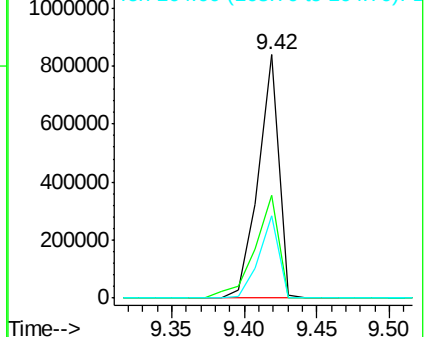
164 33.8 27.1 40.7

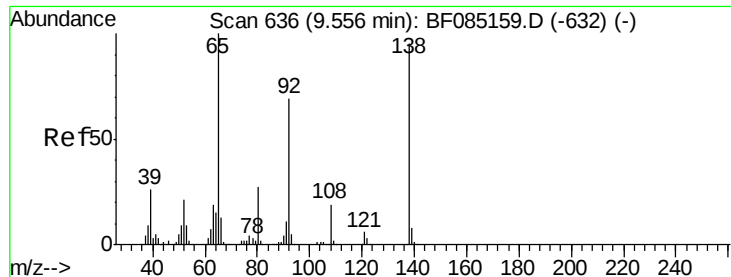


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

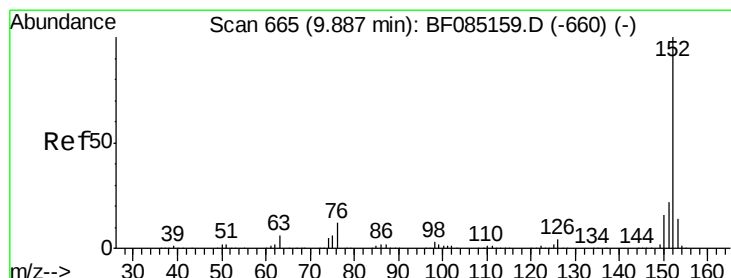
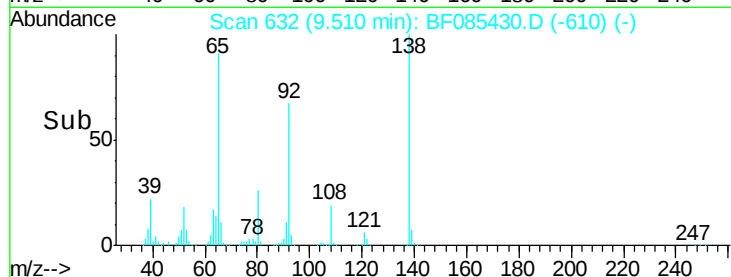
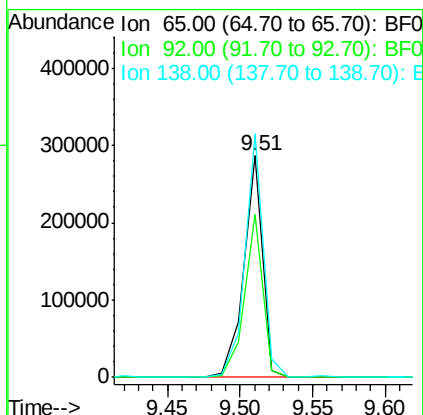
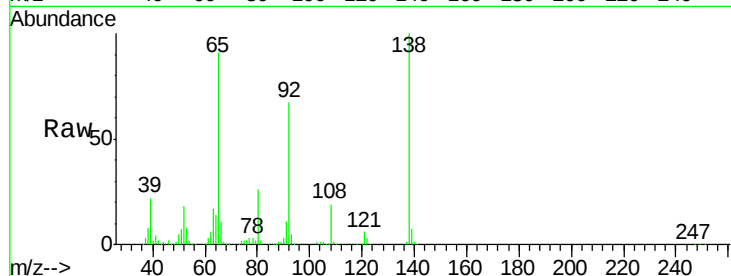




#47
2-Nitroaniline
Concen: 41.15 ng
RT: 9.51 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

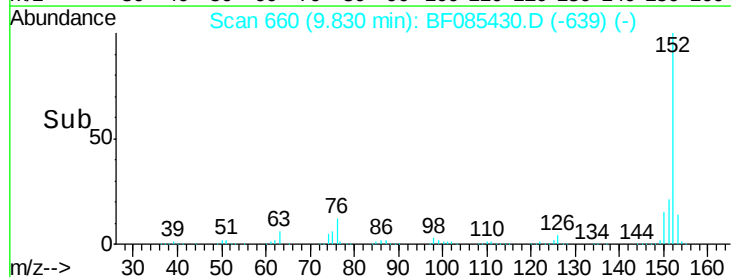
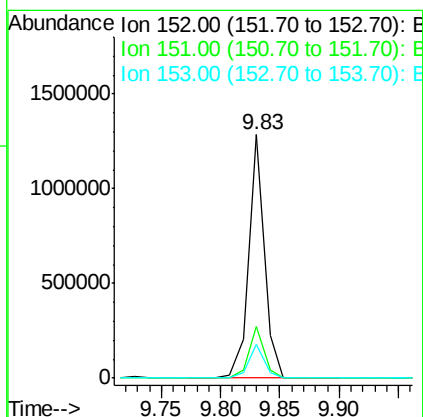
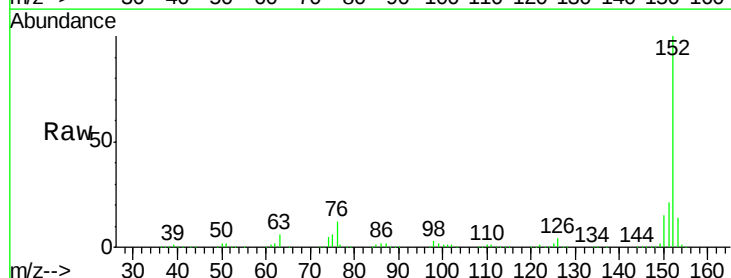
Instrument :
BNA_F
ClientSampleId :
PB88829BSD

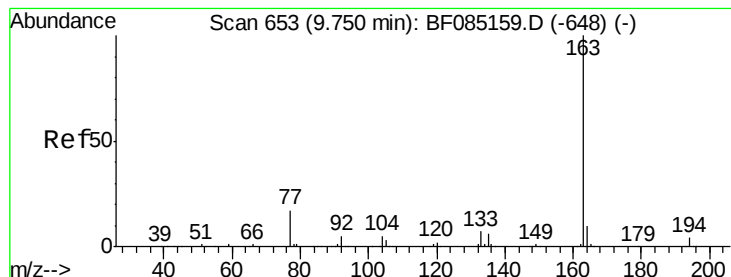
Tgt Ion: 65 Resp: 255192
Ion Ratio Lower Upper
65 100
92 73.7 55.4 83.2
138 110.0 75.7 113.5



#48
Acenaphthylene
Concen: 38.29 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion: 152 Resp: 1192490
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 39.59 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

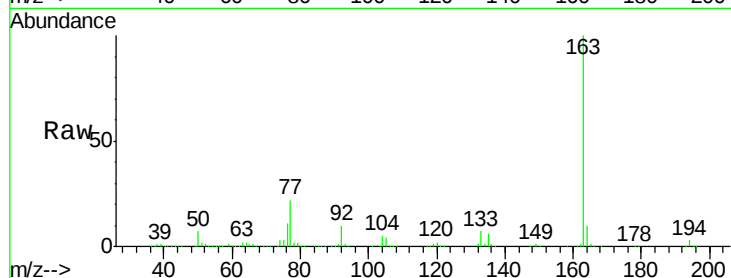
Tgt Ion:163 Resp: 933770

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

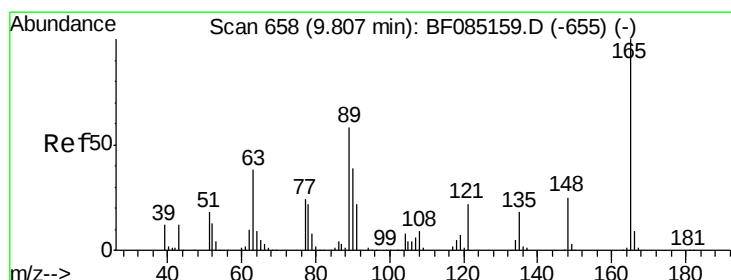
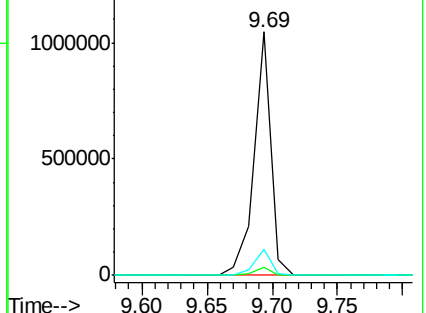
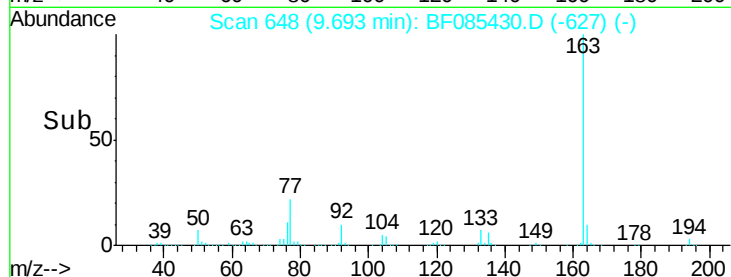
164 10.5 8.2 12.4



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: 38.19 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

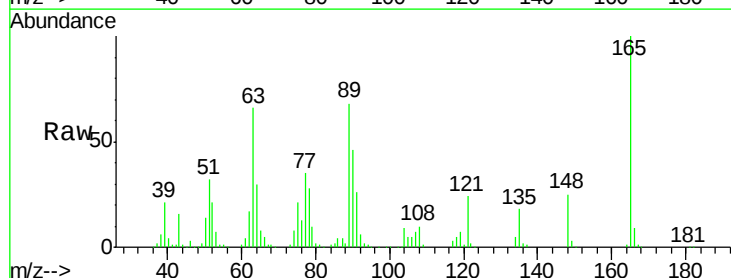
Tgt Ion:165 Resp: 192715

Ion Ratio Lower Upper

165 100

63 66.2 41.8 62.8#

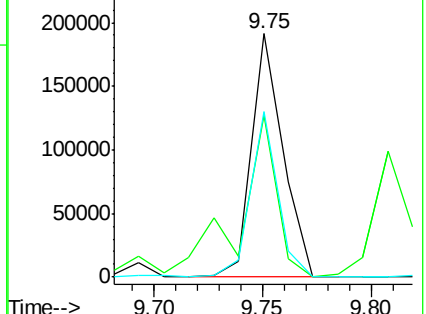
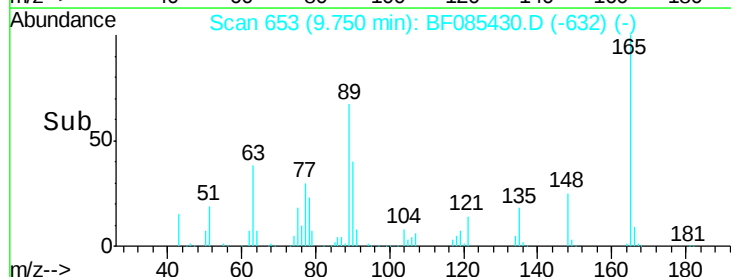
89 68.1 46.7 70.1

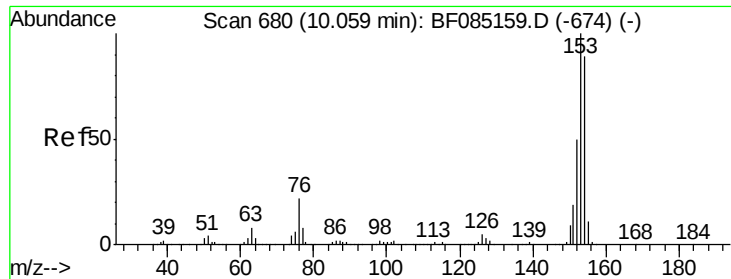


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.48 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

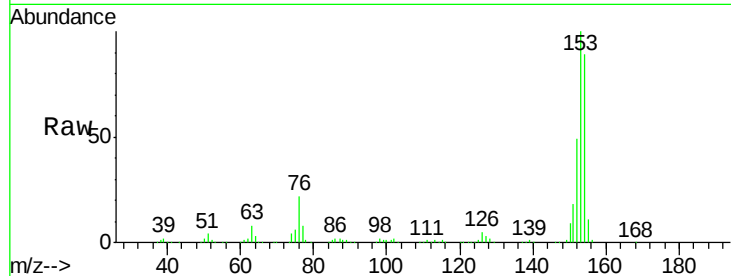
Tgt Ion:154 Resp: 784478

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.8

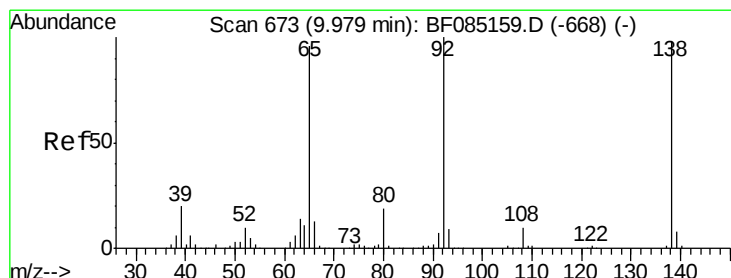
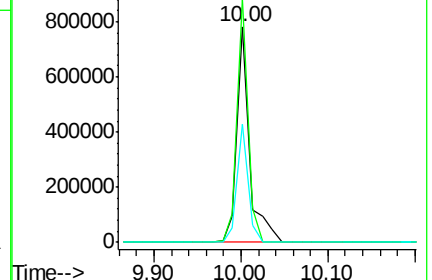
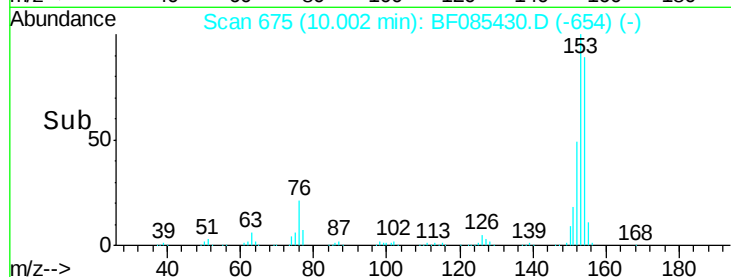
152 54.8 44.6 66.8



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: 19.69 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

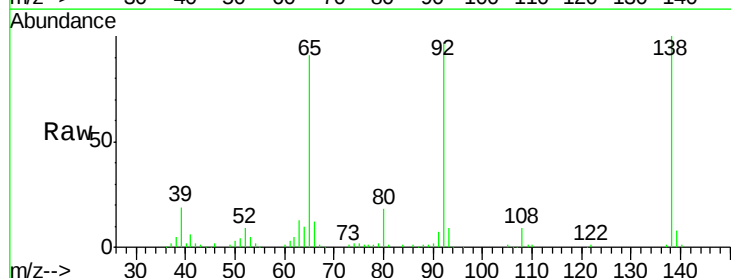
Tgt Ion:138 Resp: 118883

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

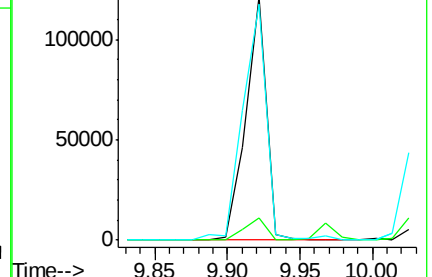
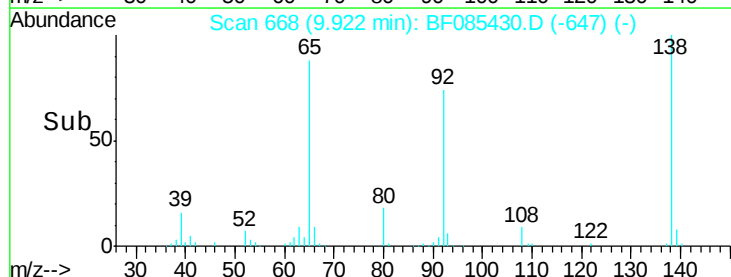
92 97.1 81.3 121.9

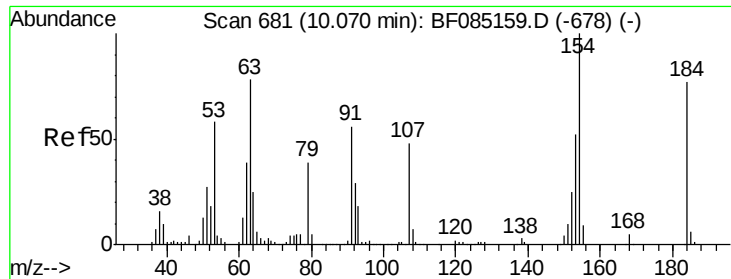


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

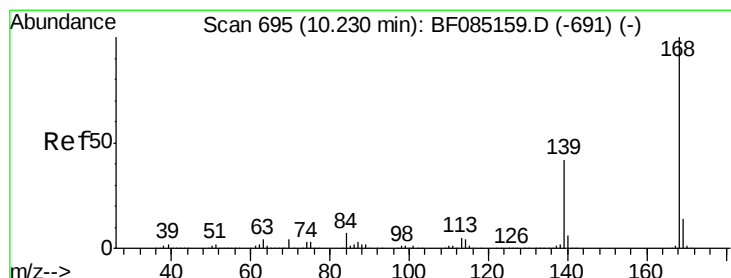
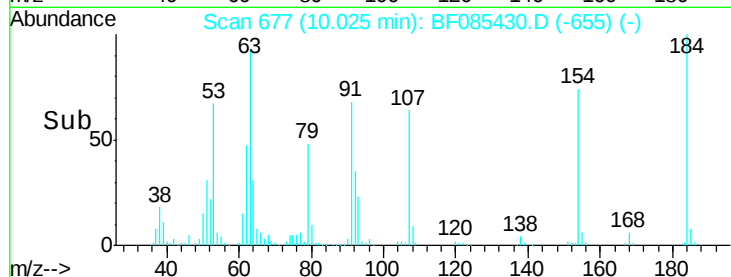
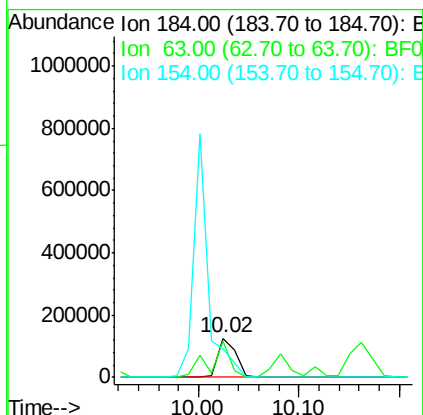
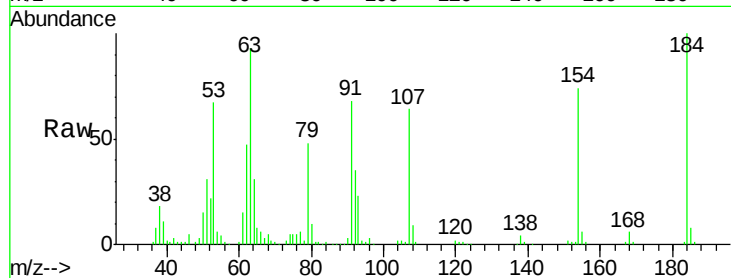




#53
 2,4-Dinitrophenol
 Concen: 62.92 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

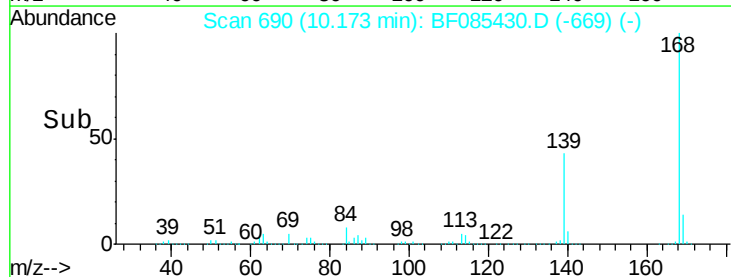
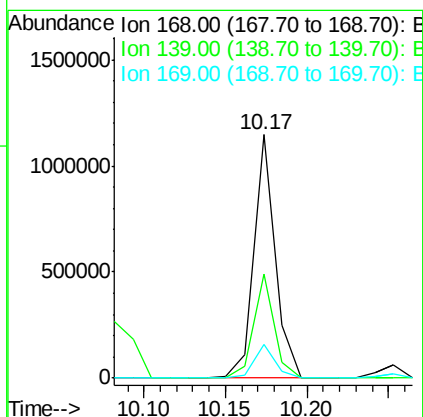
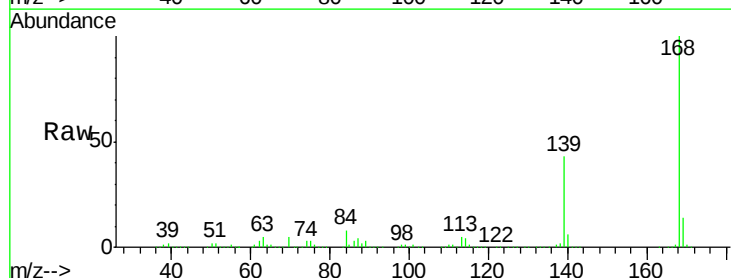
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

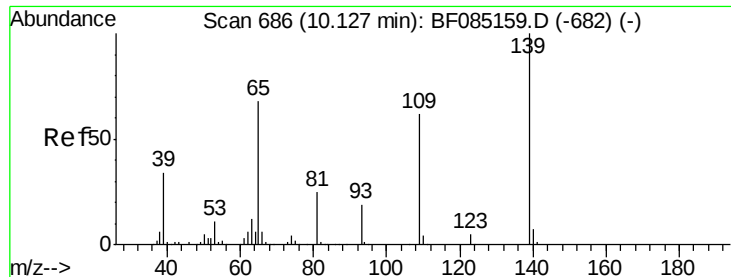
Tgt Ion:184 Resp: 156222
 Ion Ratio Lower Upper
 184 100
 63 92.8 82.2 123.4
 154 74.1 108.9 163.3#



#54
 Dibenzofuran
 Concen: 42.01 ng
 RT: 10.17 min Scan# 690
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:168 Resp: 1040851
 Ion Ratio Lower Upper
 168 100
 139 42.8 33.6 50.4
 169 13.7 11.2 16.8

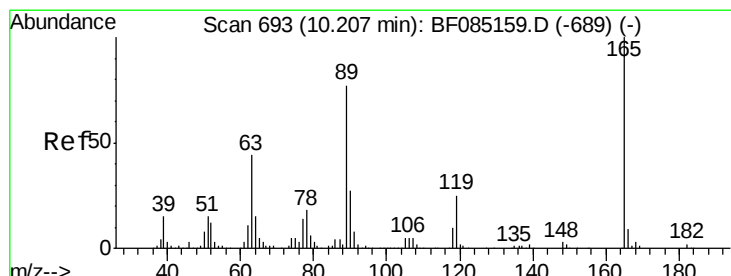
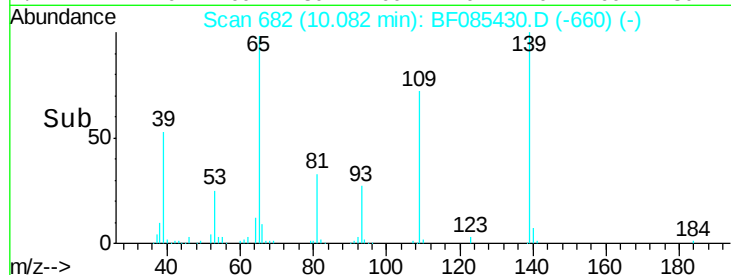
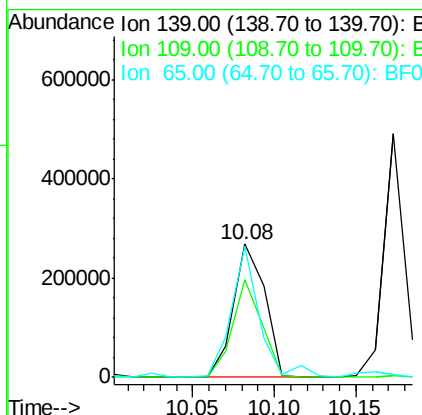
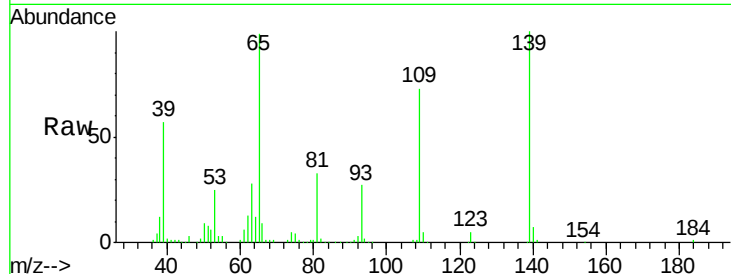




#55
4-Nitrophenol
Concen: 75.96 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

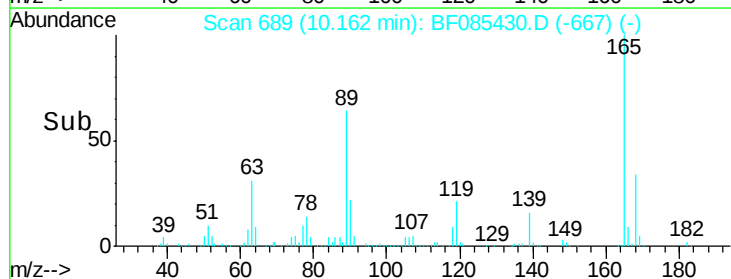
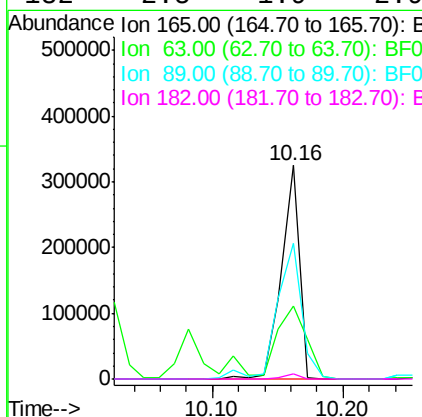
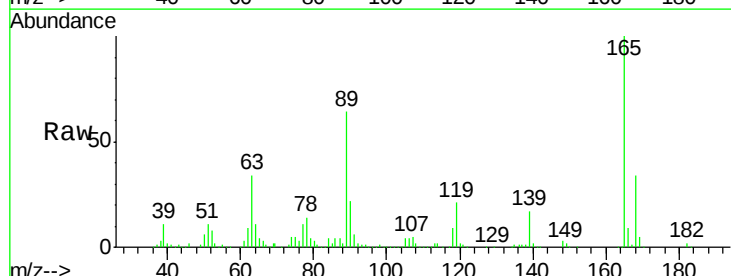
Instrument :
BNA_F
ClientSampleId :
PB88829BSD

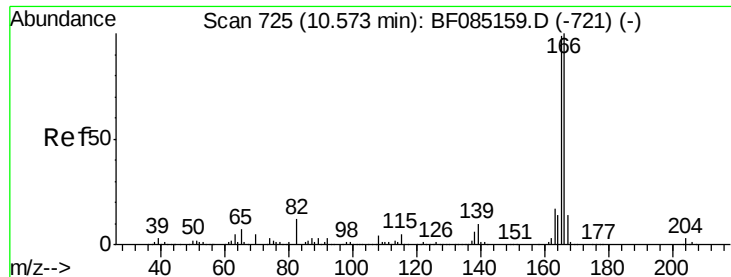
Tgt Ion:139 Resp: 360342
Ion Ratio Lower Upper
139 100
109 73.3 41.9 81.9
65 98.5 48.3 88.3#



#56
2,4-Dinitrotoluene
Concen: 48.85 ng
RT: 10.16 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion:165 Resp: 315448
Ion Ratio Lower Upper
165 100
63 34.3 35.4 53.0#
89 63.7 61.9 92.9
182 2.5 1.9 2.9





#57

Fluorene

Concen: 39.47 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampled :

PB88829BSD

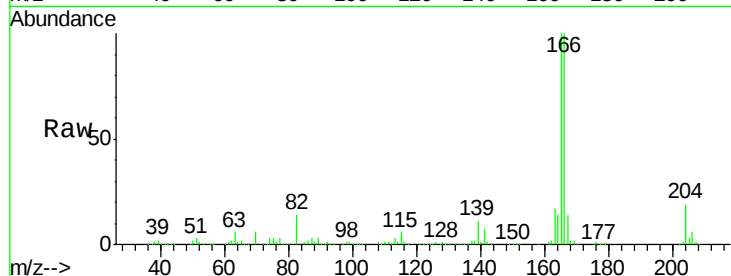
Tgt Ion:166 Resp: 768252

Ion Ratio Lower Upper

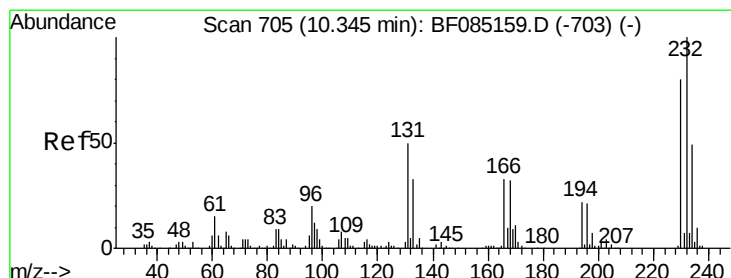
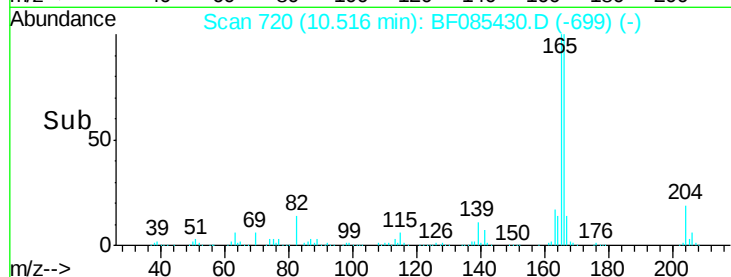
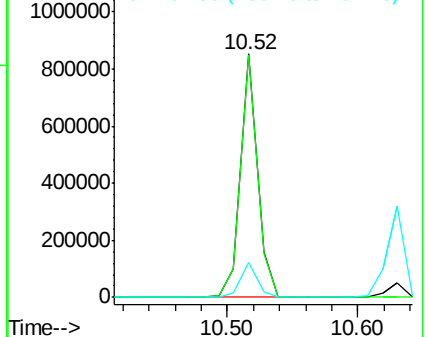
166 100

165 99.7 79.4 119.0

167 14.2 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: 47.69 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion:232 Resp: 207806

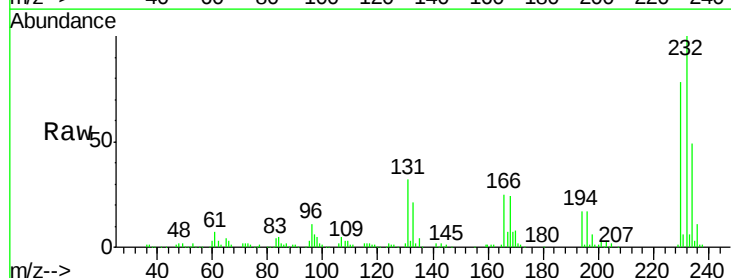
Ion Ratio Lower Upper

232 100

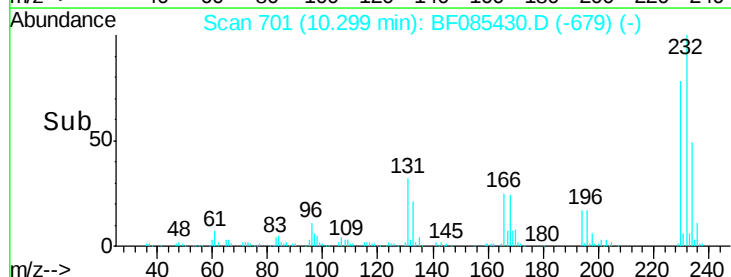
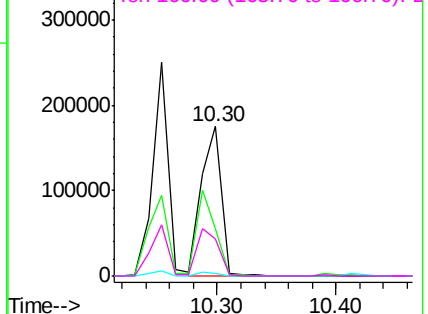
131 53.9 46.0 69.0

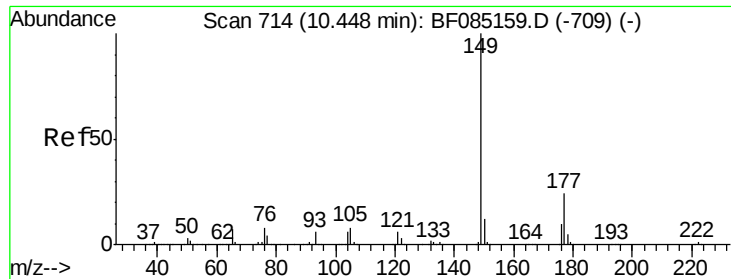
130 2.6 2.2 3.4

166 33.7 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

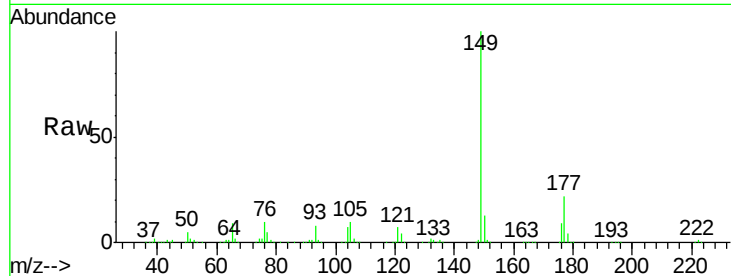




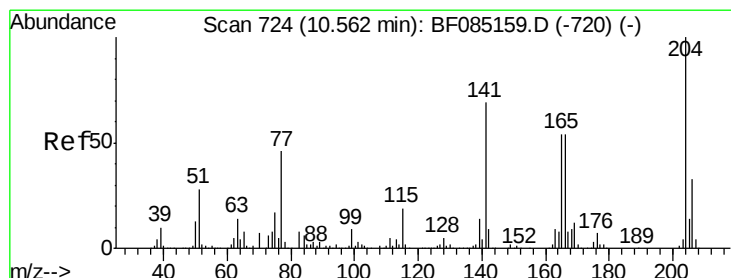
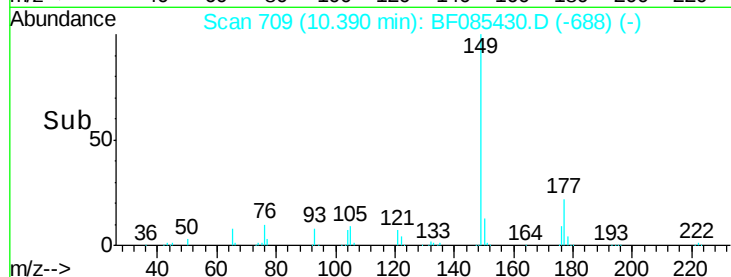
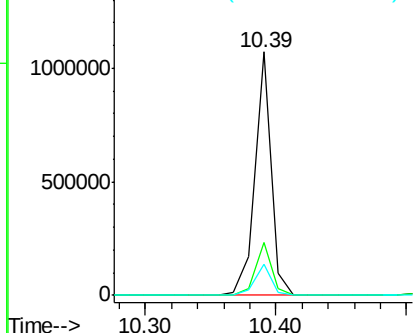
#59
Diethylphthalate
Concen: 40.46 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion:149 Resp: 926124
Ion Ratio Lower Upper
149 100
177 21.7 19.2 28.8
150 12.9 9.9 14.9

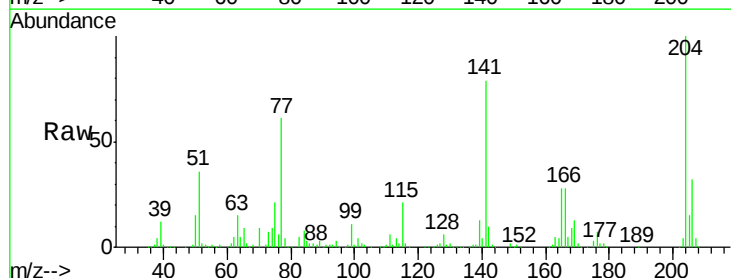


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

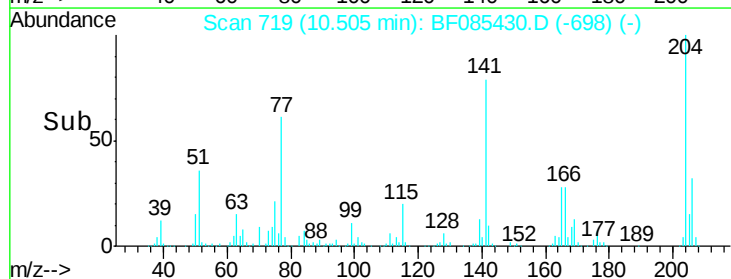
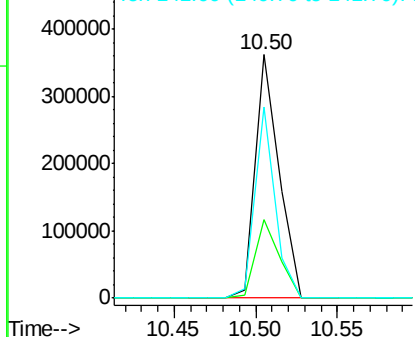


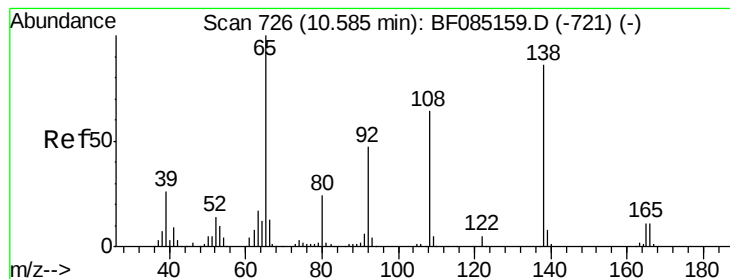
#60
4-Chlorophenyl-phenylether
Concen: 38.69 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion:204 Resp: 366384
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 78.6 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: 40.71 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

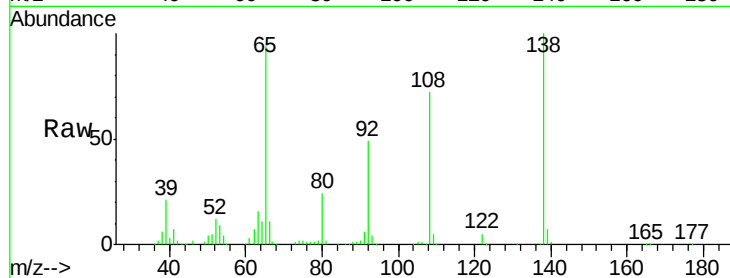
Tgt Ion:138 Resp: 229847

Ion Ratio Lower Upper

138 100

92 49.5 34.2 74.2

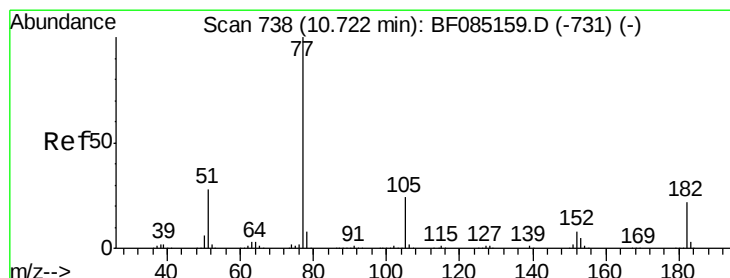
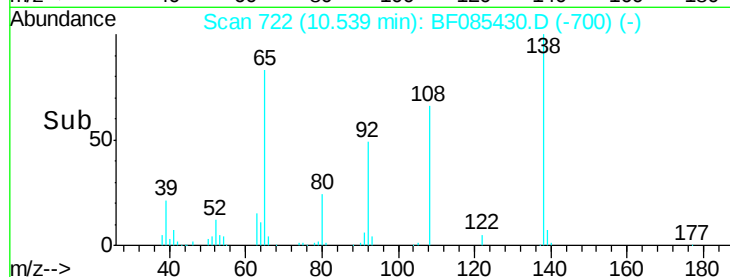
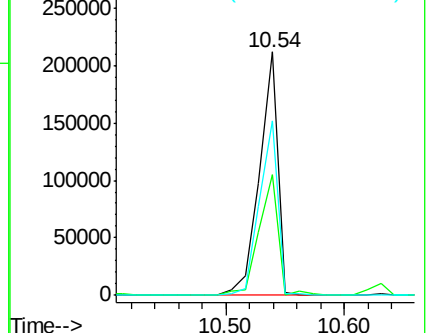
108 71.9 53.9 93.9



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: 42.95 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion: 77 Resp: 968541

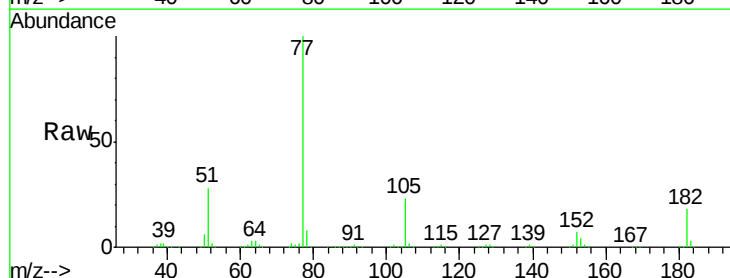
Ion Ratio Lower Upper

77 100

182 18.2 2.1 42.1

105 22.6 3.8 43.8

51 27.9 7.8 47.8

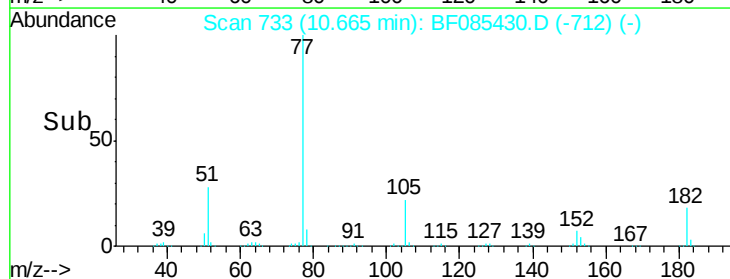
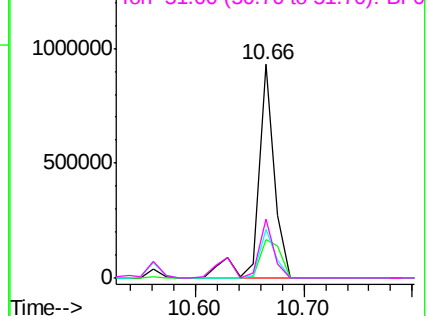


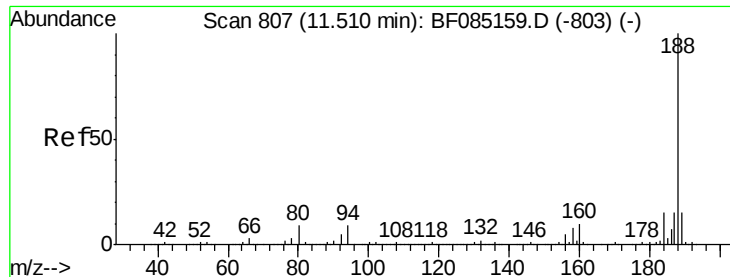
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

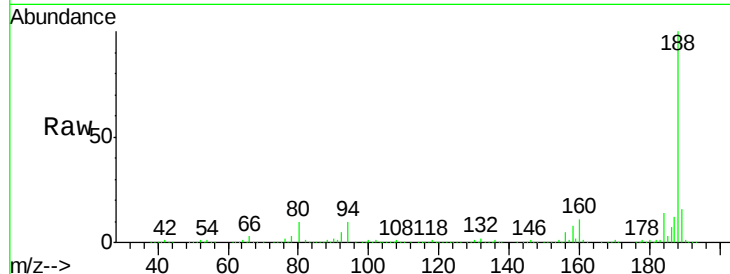




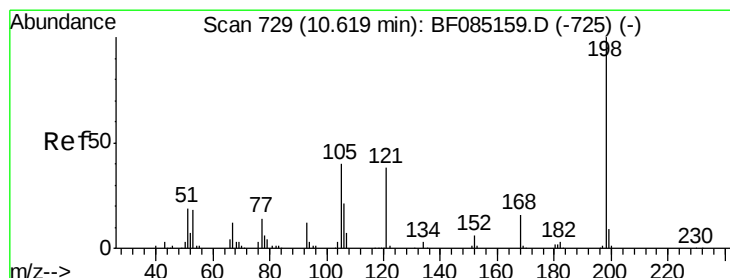
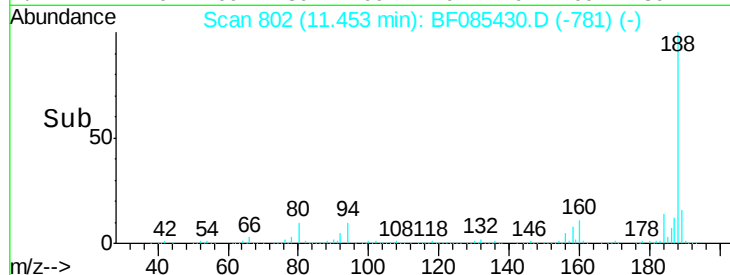
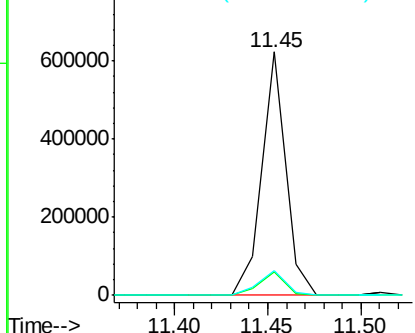
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion:188 Resp: 552807
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.3 7.4 11.0

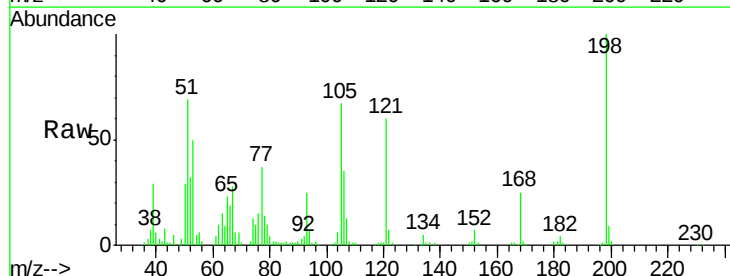


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

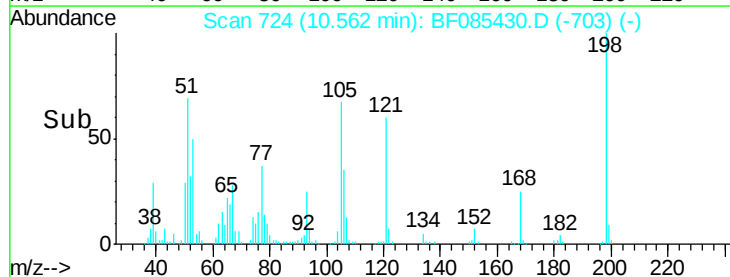
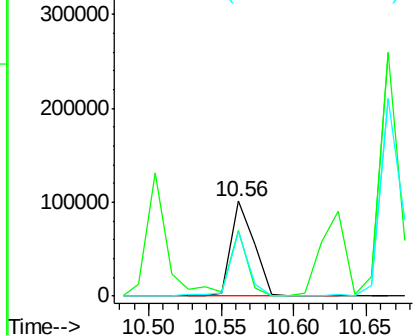


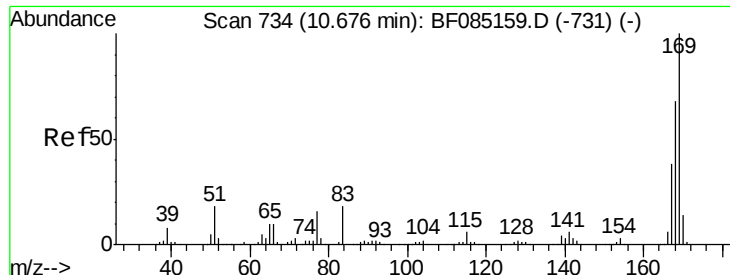
#64
4,6-Dinitro-2-methylphenol
Concen: 33.60 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion:198 Resp: 111219
Ion Ratio Lower Upper
198 100
51 69.4 9.5 49.5#
105 67.4 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

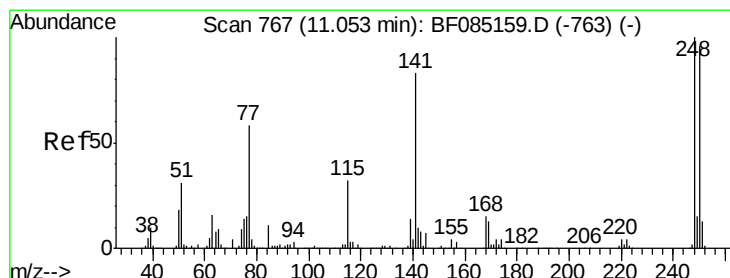
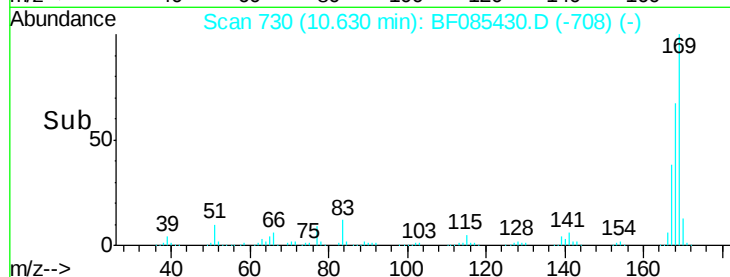
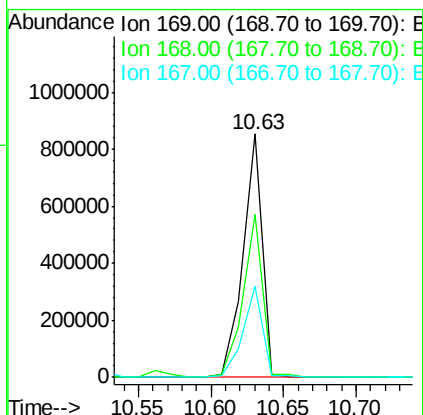
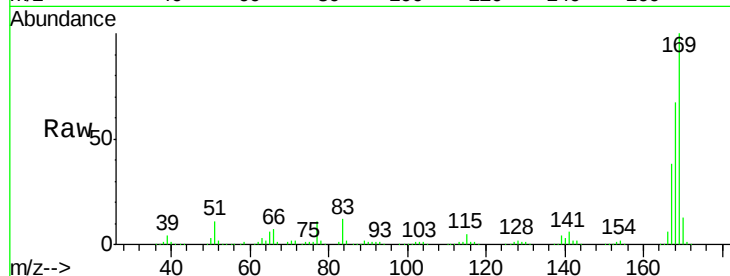




#65
 n-Nitrosodiphenylamine
 Concen: 45.81 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

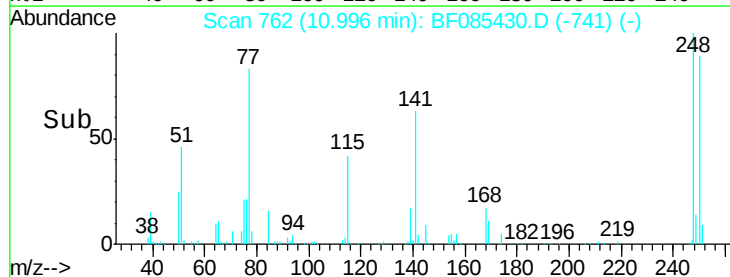
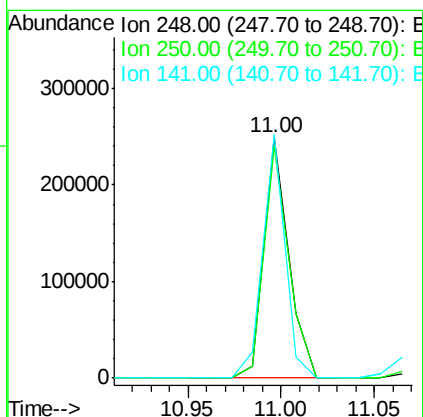
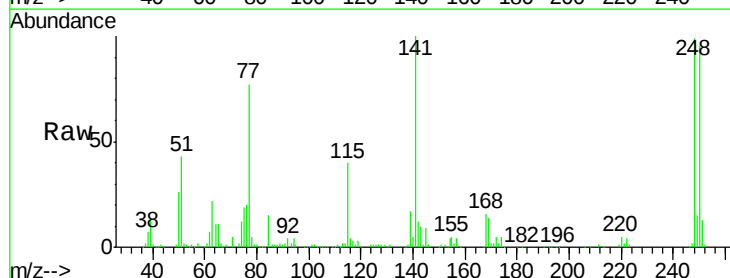
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

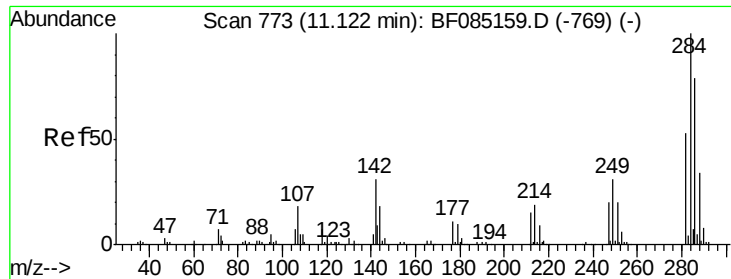
Tgt Ion:169 Resp: 787717
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.8 82.2
 167 37.6 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 42.16 ng
 RT: 11.00 min Scan# 762
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:248 Resp: 226308
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.1 115.7
 141 101.1 66.2 99.2#

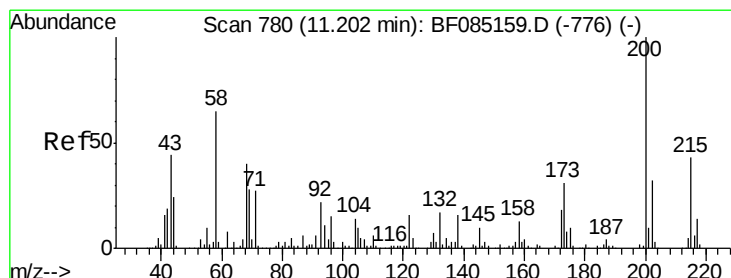
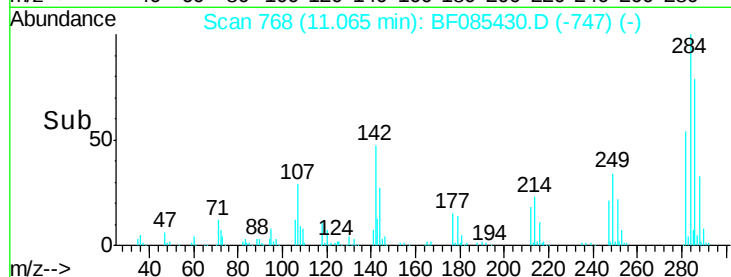
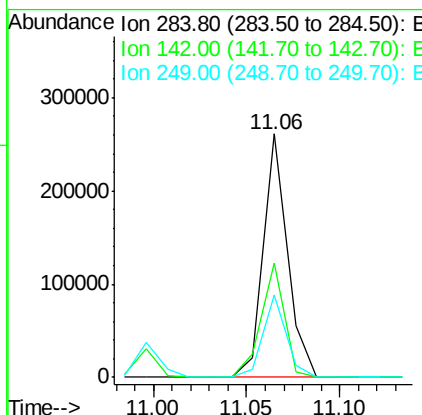
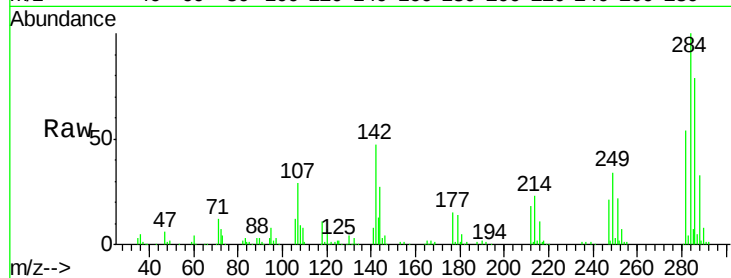




#67
Hexachlorobenzene
Concen: 40.60 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

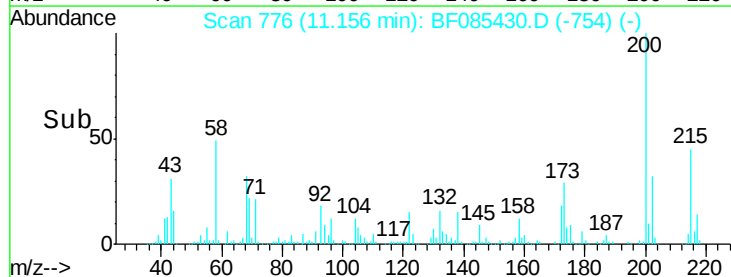
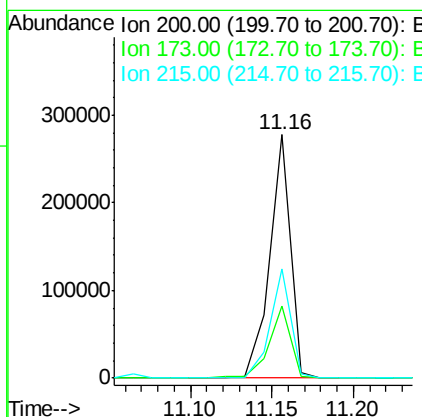
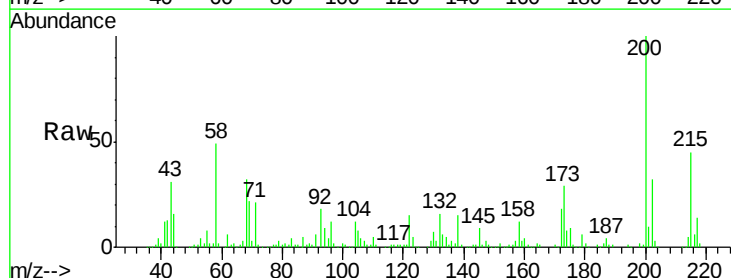
Instrument :
BNA_F
ClientSampleId :
PB88829BSD

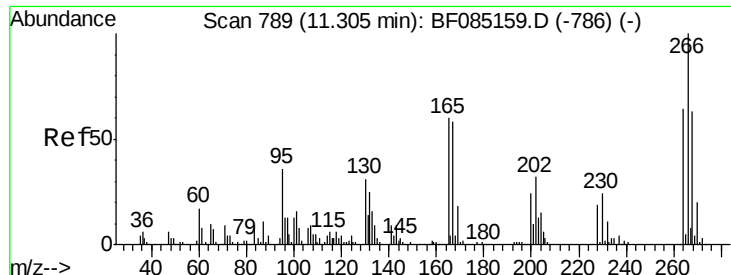
Tgt Ion: 284 Resp: 232490
Ion Ratio Lower Upper
284 100
142 46.9 24.9 37.3#
249 34.0 25.0 37.4



#68
Atrazine
Concen: 51.59 ng
RT: 11.16 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion: 200 Resp: 246697
Ion Ratio Lower Upper
200 100
173 29.4 10.5 50.5
215 44.6 23.4 63.4

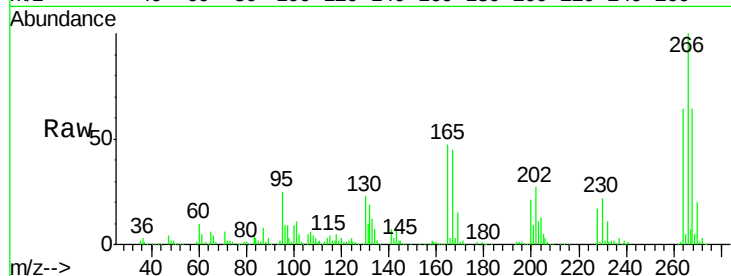




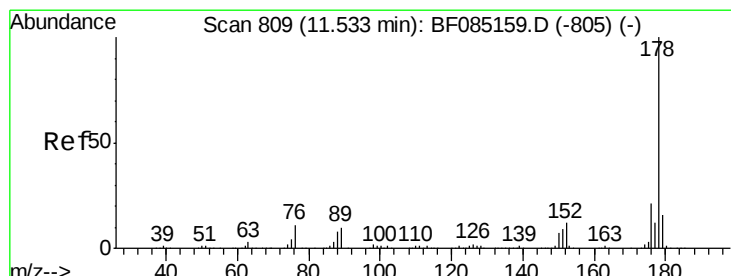
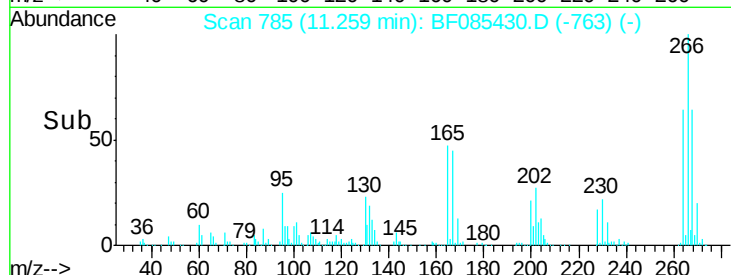
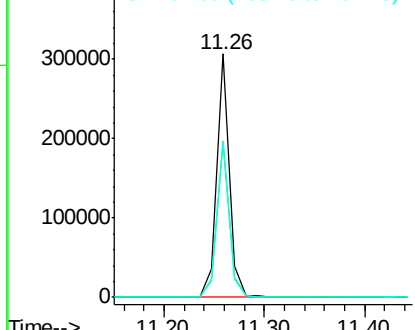
#69
 Pentachlorophenol
 Concen: 84.08 ng
 RT: 11.26 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion:266 Resp: 267255
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.0 75.0
 264 64.3 51.4 77.2

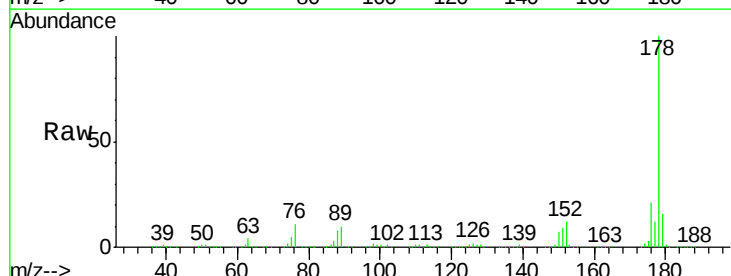


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

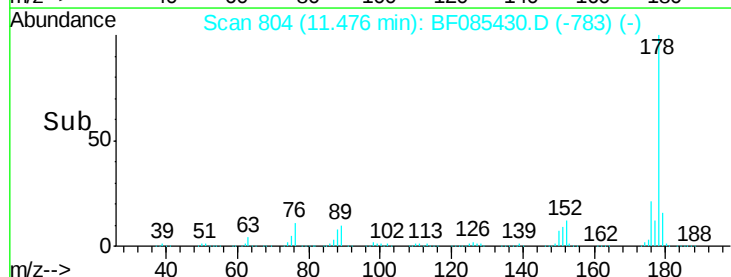
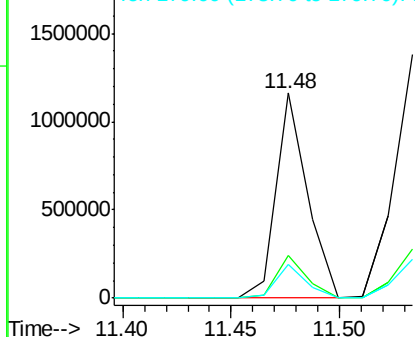


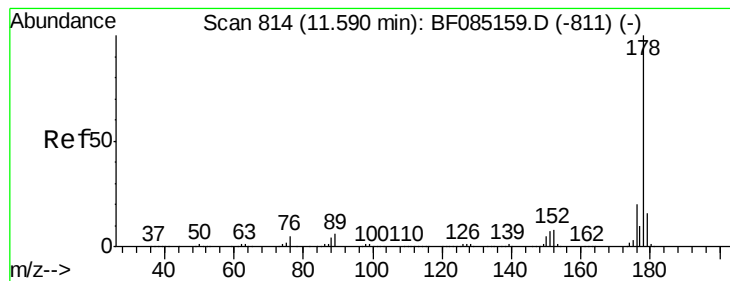
#70
 Phenanthrene
 Concen: 40.36 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:178 Resp: 1169351
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.8 25.2
 179 16.2 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: 42.15 ng

RT: 11.53 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

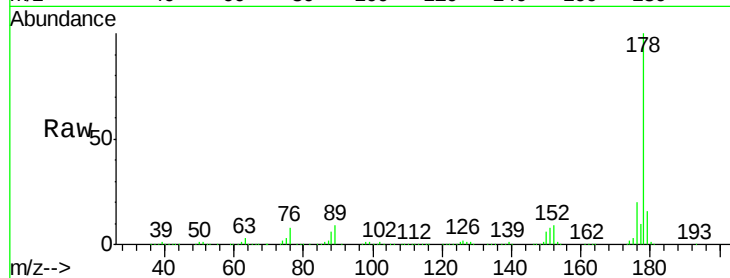
Tgt Ion:178 Resp: 1296331

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

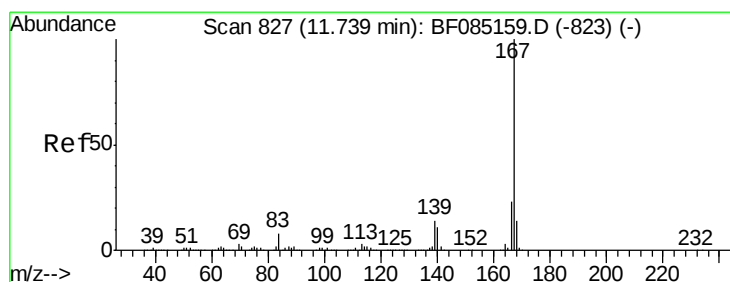
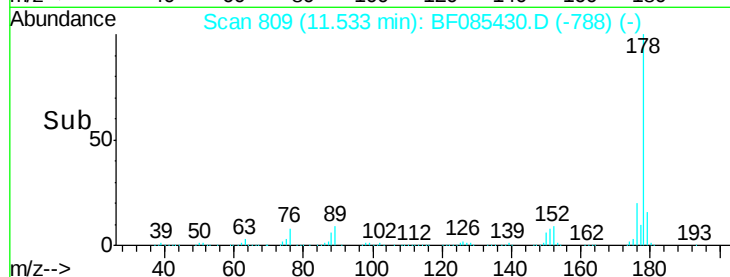
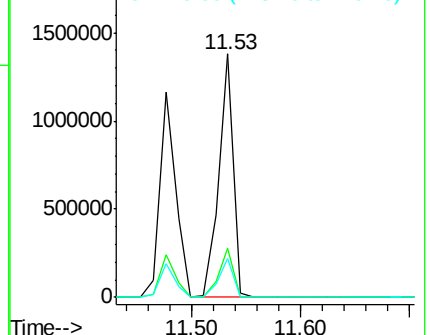
179 15.9 12.5 18.7



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: 37.40 ng

RT: 11.68 min Scan# 822

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

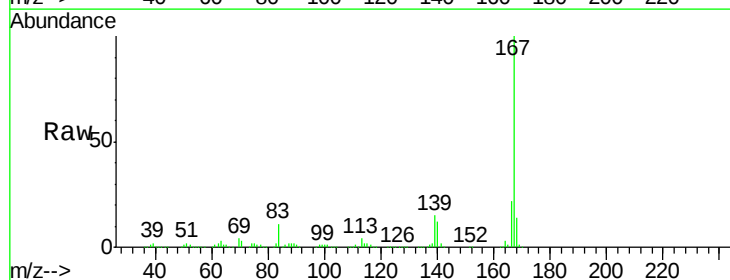
Tgt Ion:167 Resp: 1008719

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

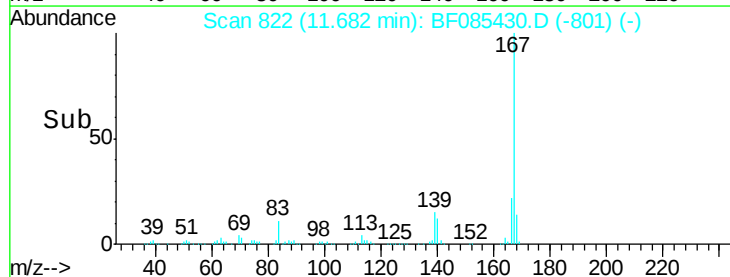
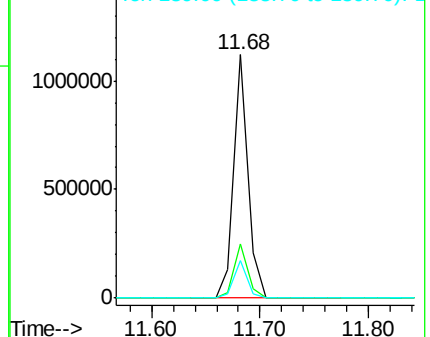
139 15.4 11.4 17.0

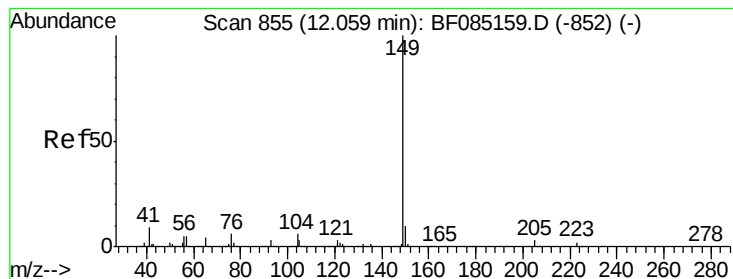


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.27 ng

RT: 12.01 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

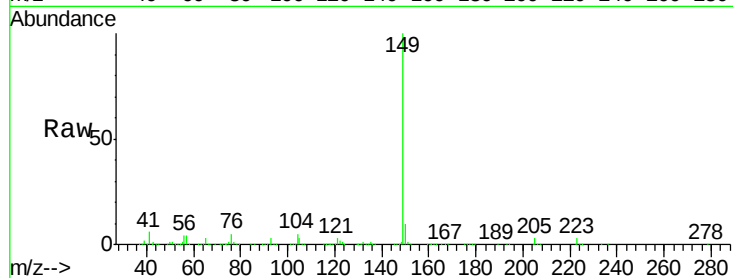
Tgt Ion:149 Resp: 1372778

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

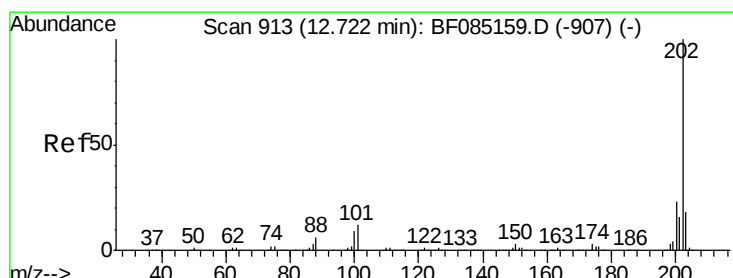
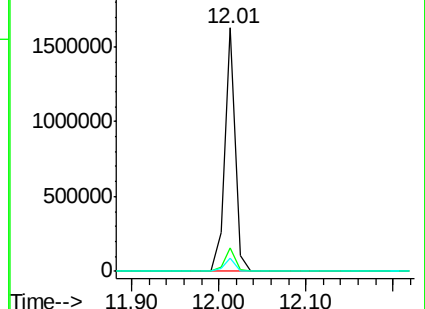
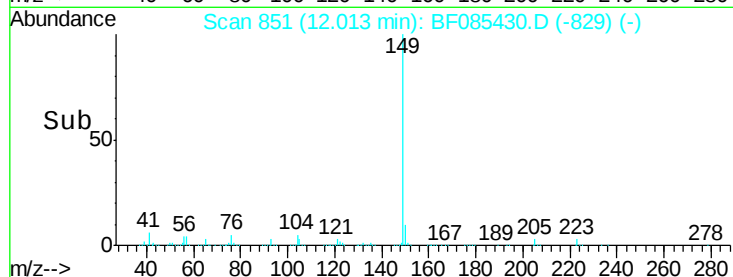
104 5.3 4.7 7.1



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: 37.22 ng

RT: 12.66 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

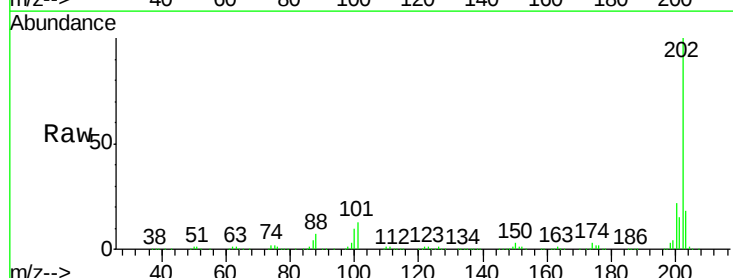
Tgt Ion:202 Resp: 1082109

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.8

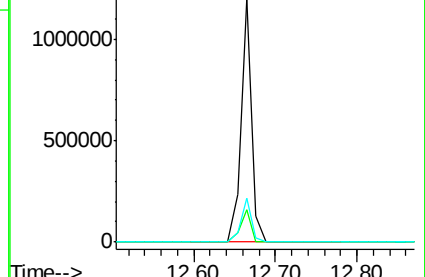
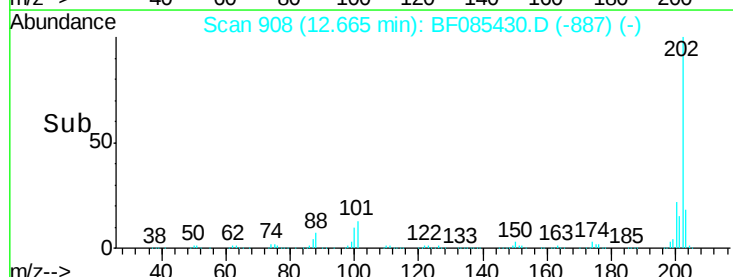
203 18.3 0.0 38.4

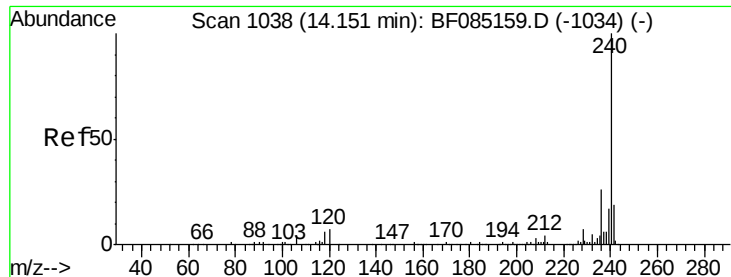


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

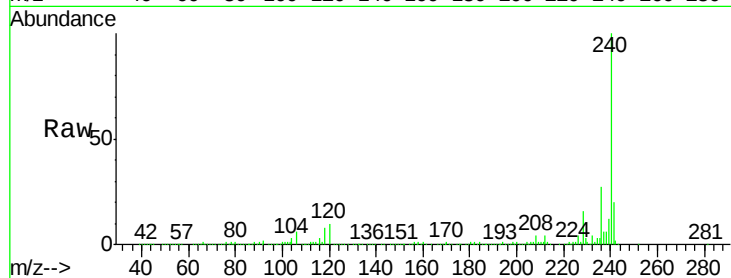
Tgt Ion:240 Resp: 324220

Ion Ratio Lower Upper

240 100

120 9.5 5.3 7.9#

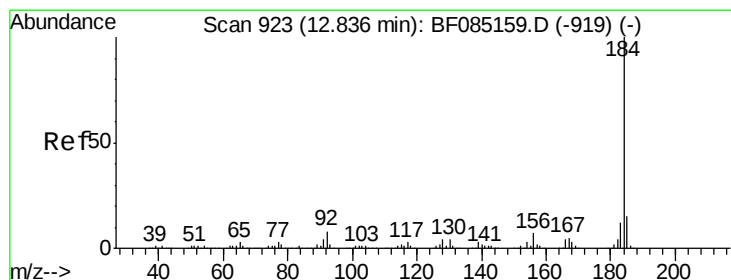
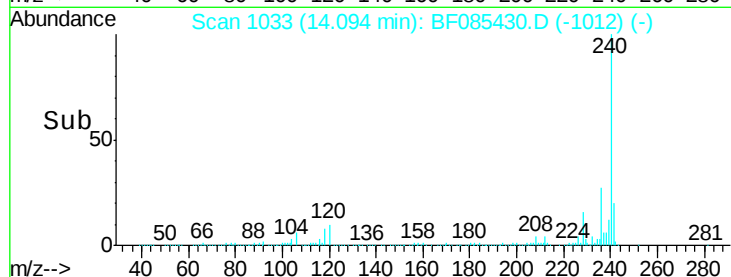
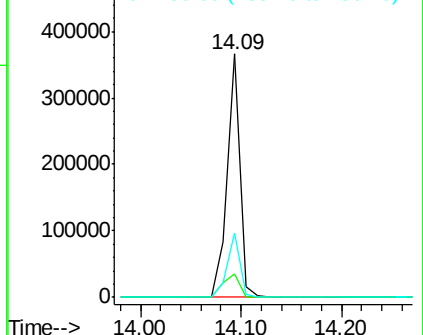
236 26.7 20.7 31.1



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: 35.14 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

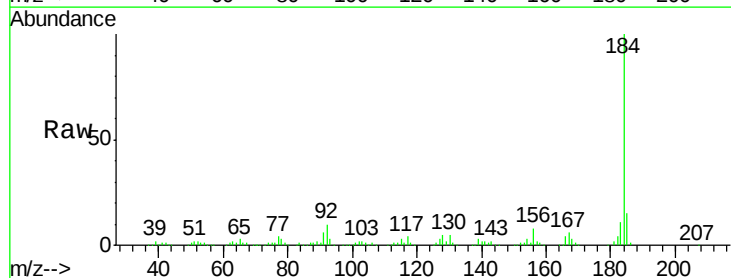
Tgt Ion:184 Resp: 339058

Ion Ratio Lower Upper

184 100

185 14.7 12.4 18.6

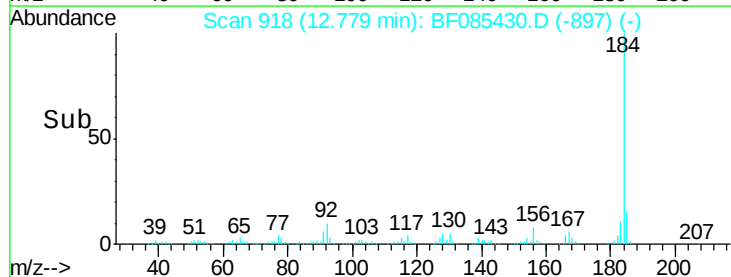
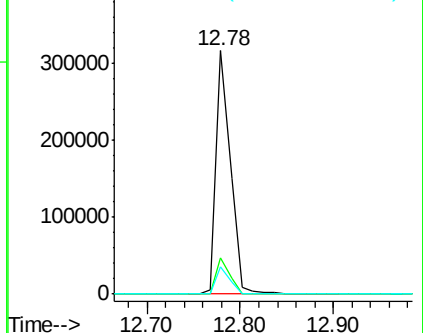
183 11.4 9.4 14.2

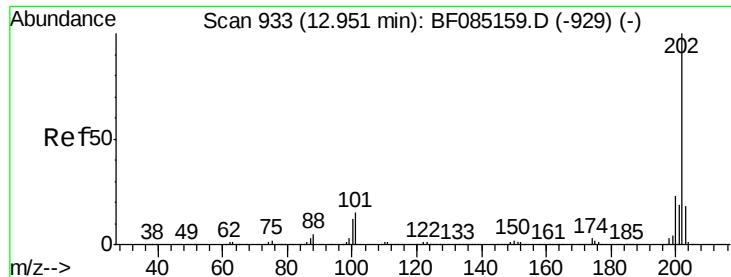


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

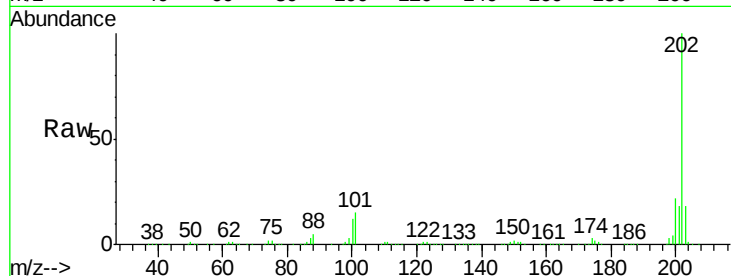




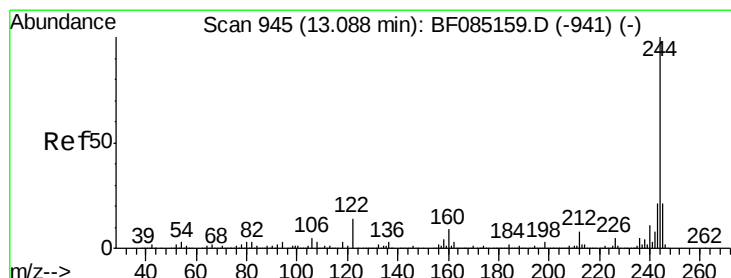
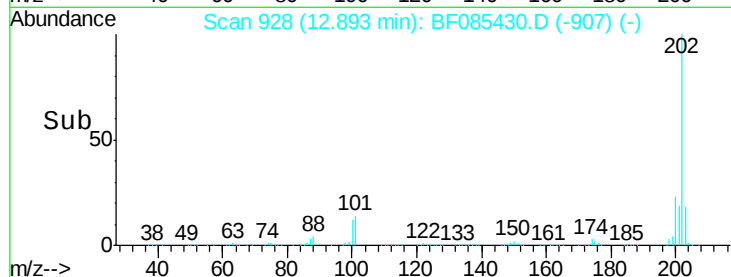
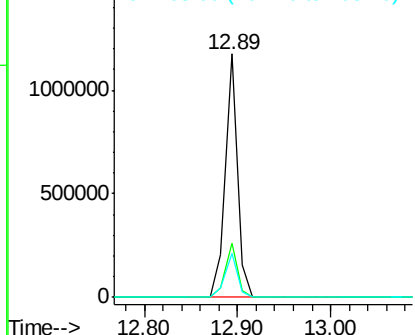
#77
 Pyrene
 Concen: 43.51 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion:202 Resp: 1061673
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.2 27.4
 203 18.1 14.7 22.1

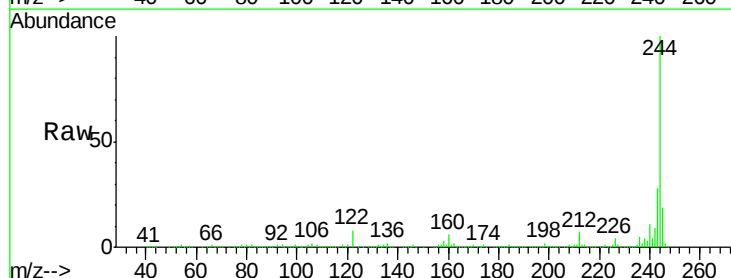


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

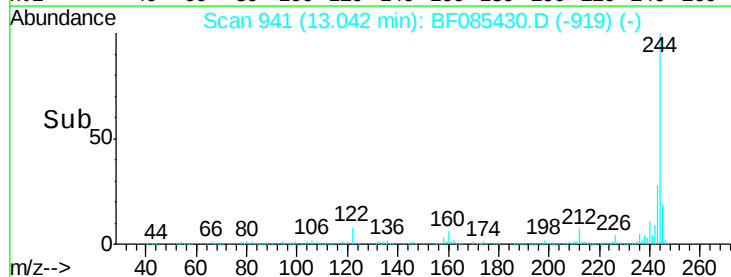
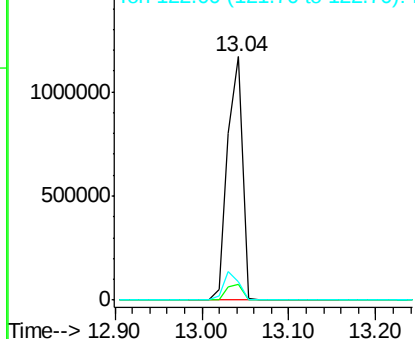


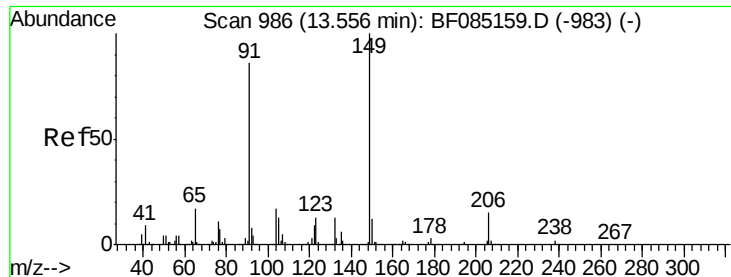
#78
 Terphenyl-d14
 Concen: 100.06 ng
 RT: 13.04 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:244 Resp: 1397452
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 7.7 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: 48.78 ng

RT: 13.51 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

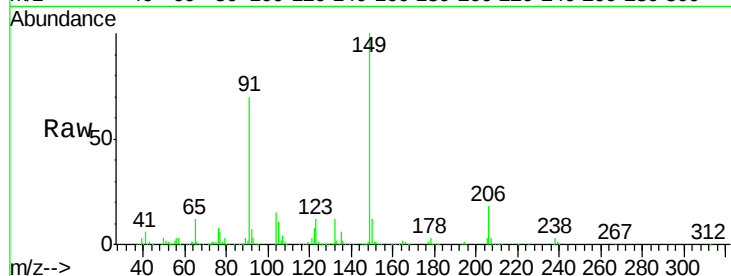
Tgt Ion:149 Resp: 540168

Ion Ratio Lower Upper

149 100

91 70.4 69.0 103.4

206 18.5 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

800000

600000

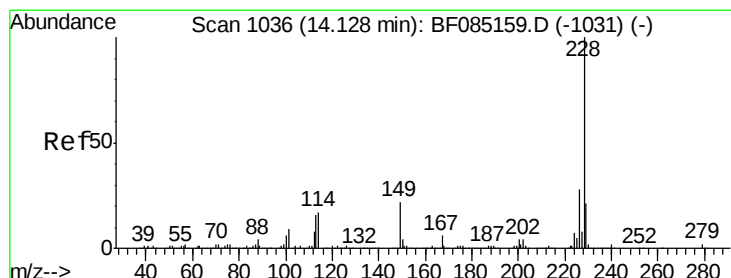
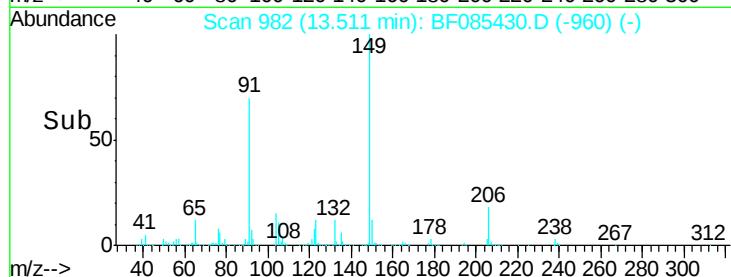
400000

200000

0

13.45 13.50 13.55

Time-->



#80

Benzo(a)anthracene

Concen: 38.70 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

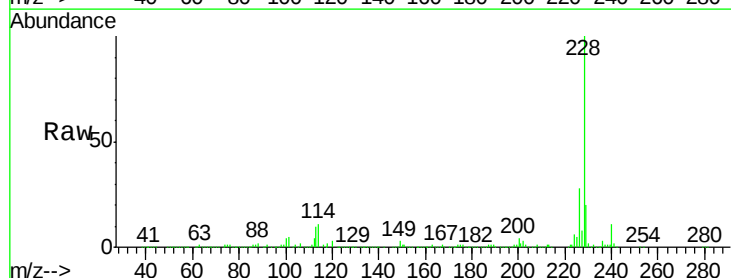
Tgt Ion:228 Resp: 751109

Ion Ratio Lower Upper

228 100

226 28.2 22.8 34.2

229 20.1 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

1000000

800000

600000

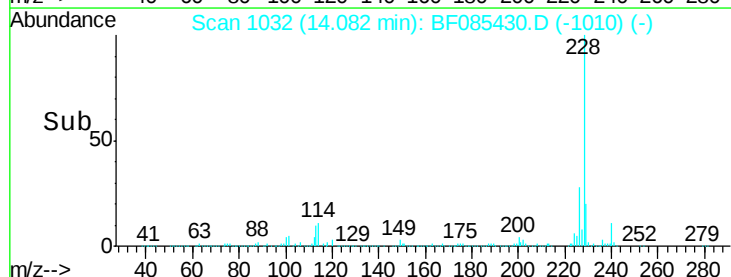
400000

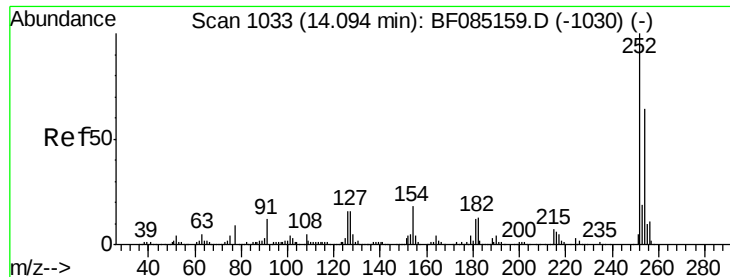
200000

0

14.00 14.05 14.10

Time-->

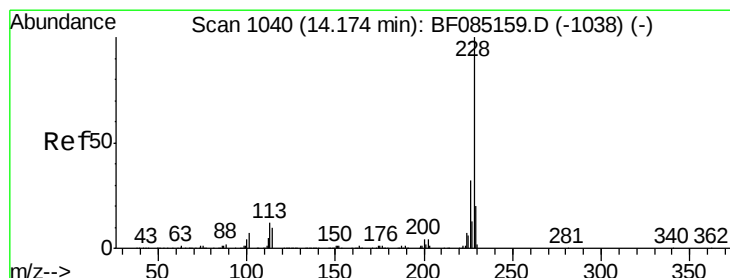
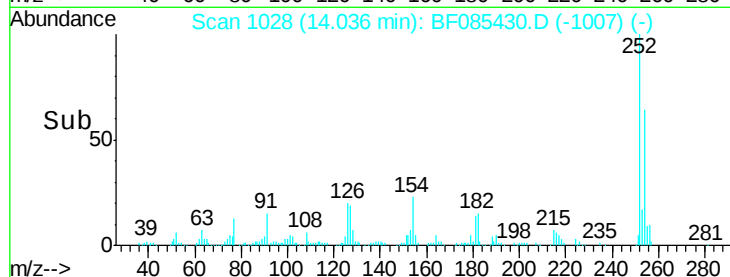
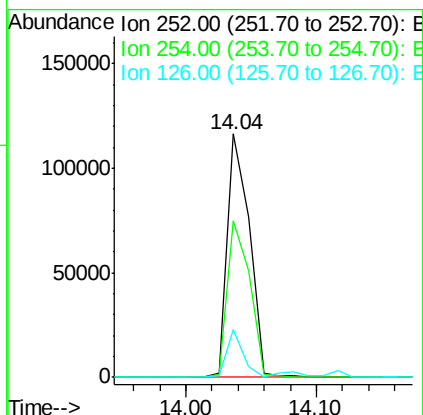
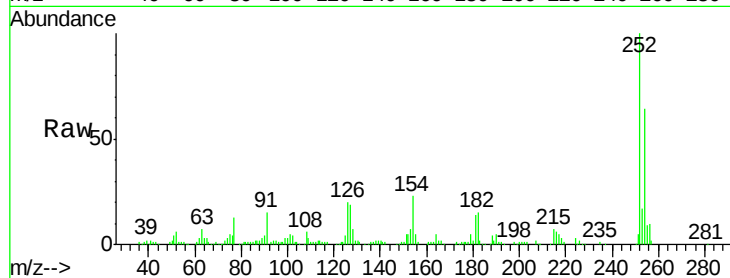




#81
 3,3'-Dichlorobenzidine
 Concen: 22.32 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

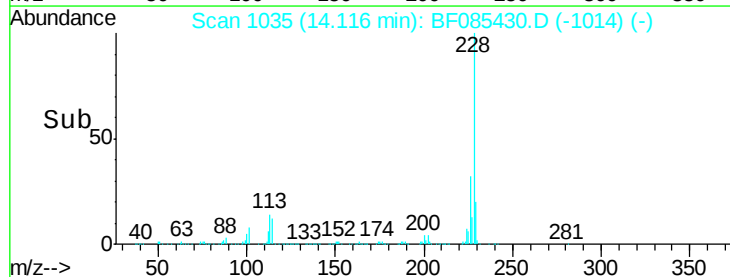
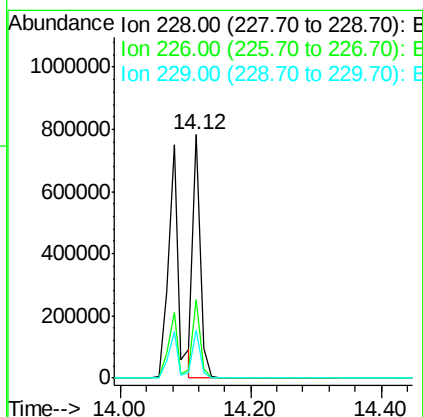
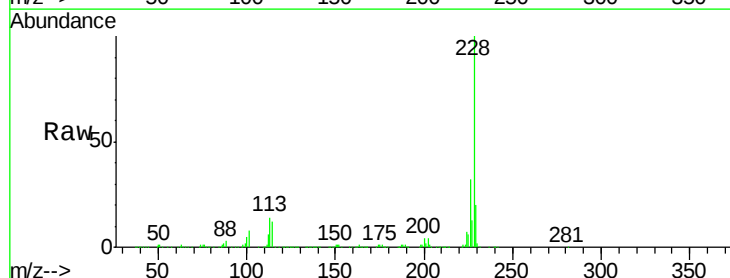
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

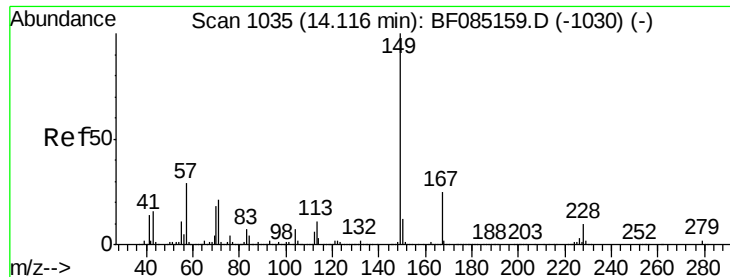
Tgt Ion:252 Resp: 136663
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.4 77.0
 126 19.8 12.9 19.3#



#82
 Chrysene
 Concen: 34.48 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:228 Resp: 618288
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.2 37.8
 229 19.9 16.0 24.0

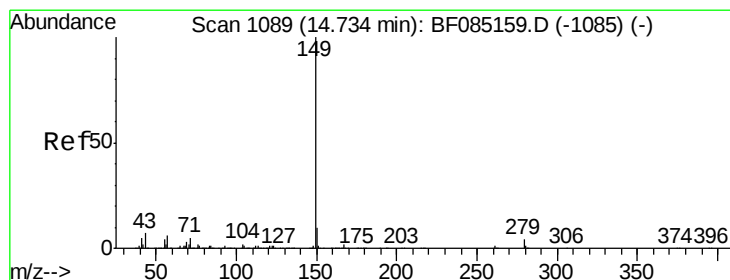
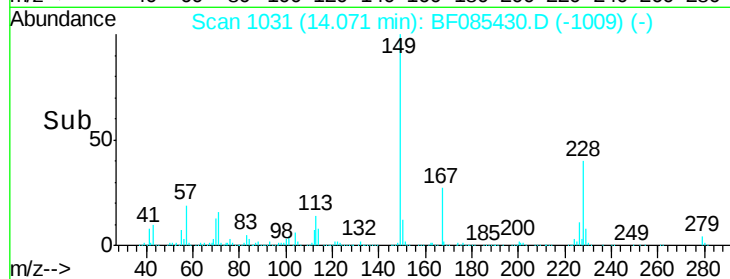
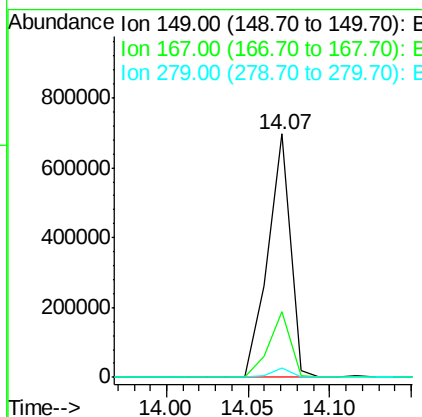
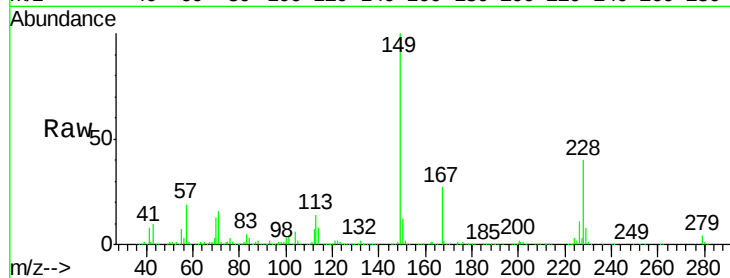




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.40 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

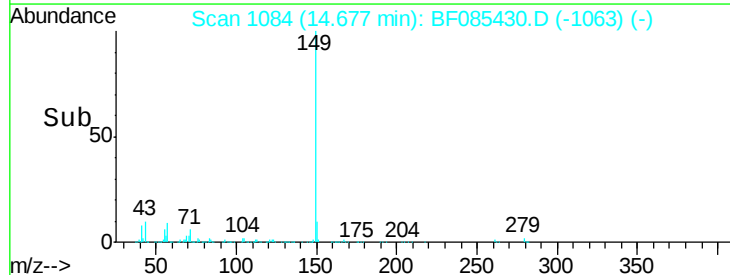
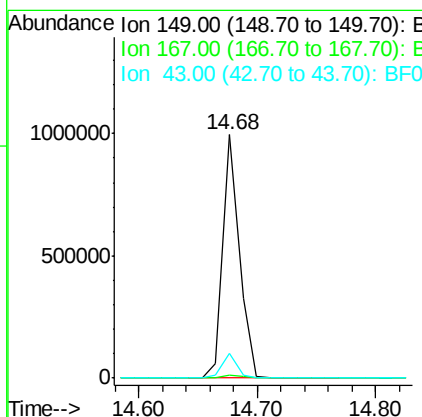
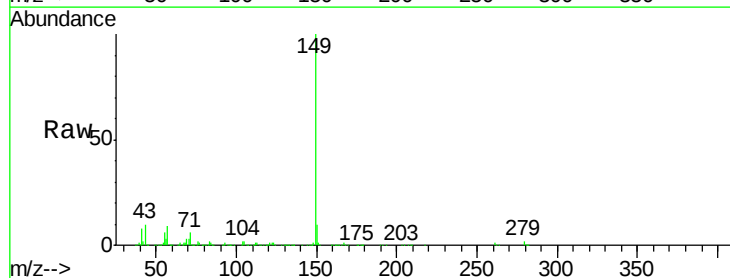
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

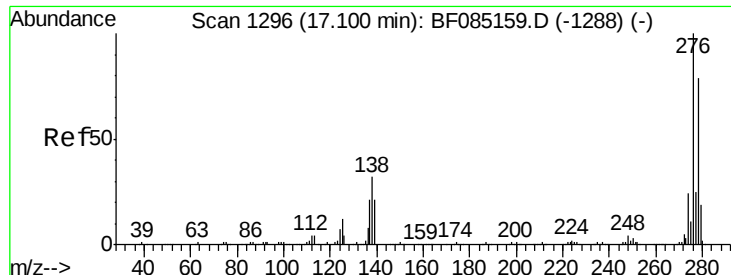
Tgt Ion:149 Resp: 676034
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.3 30.5
 279 3.7 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.01 ng
 RT: 14.68 min Scan# 1084
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:149 Resp: 954431
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 9.2 7.8 11.8

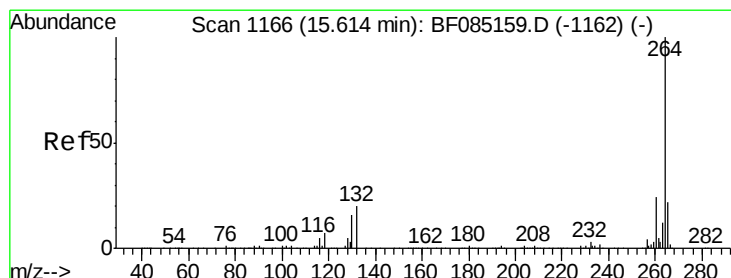
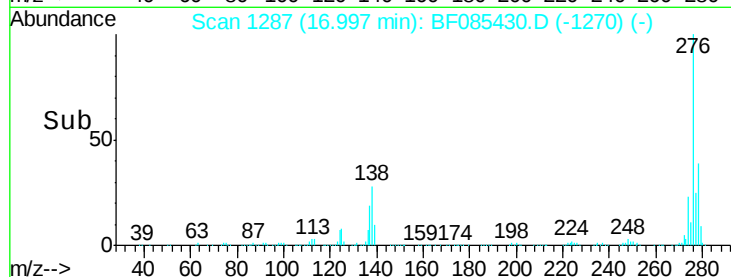
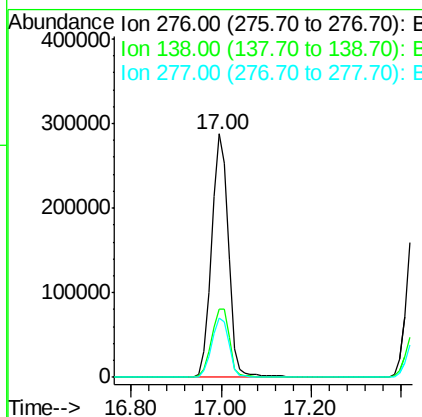
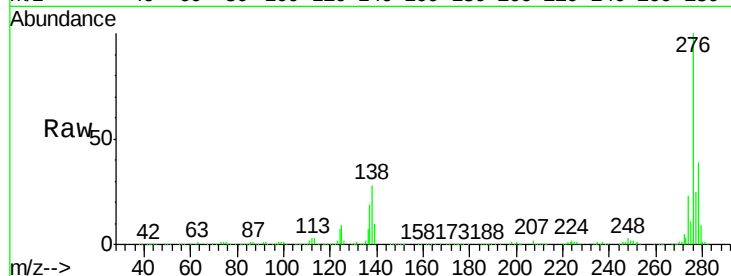




#85
Indeno(1,2,3-cd)pyrene
Concen: 54.03 ng
RT: 17.00 min Scan# 1287
Delta R.T. -0.10 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

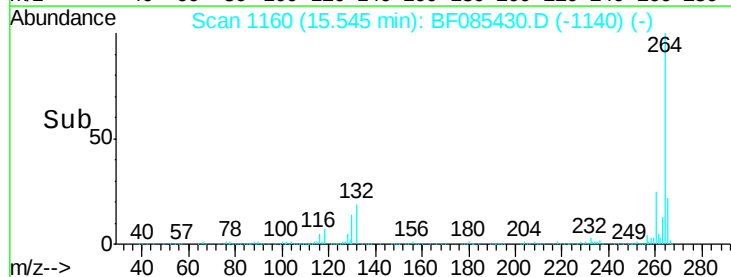
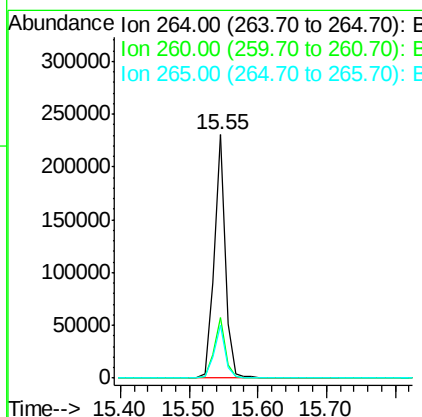
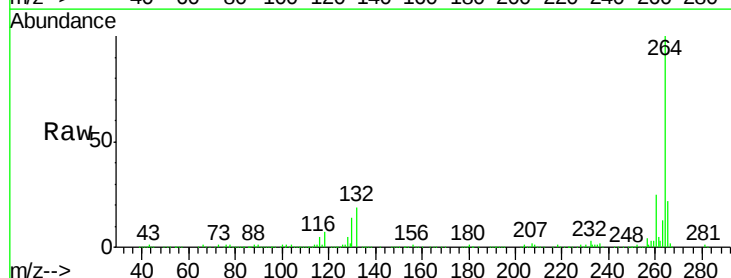
Instrument :
BNA_F
ClientSampleId :
PB88829BSD

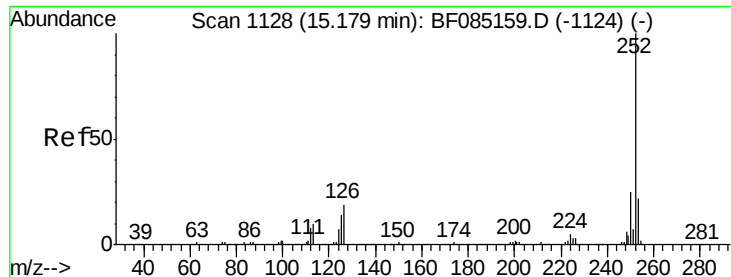
Tgt Ion: 276 Resp: 756001
Ion Ratio Lower Upper
276 100
138 30.3 26.4 39.6
277 25.3 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion: 264 Resp: 266429
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.6 17.3 25.9

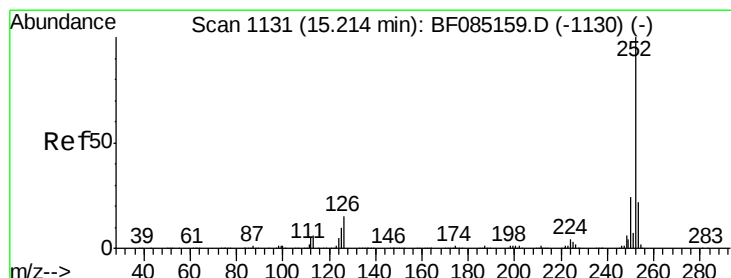
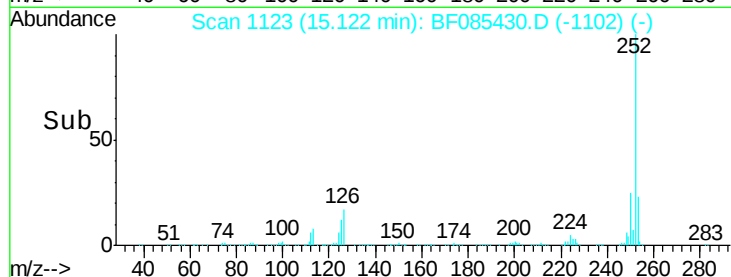
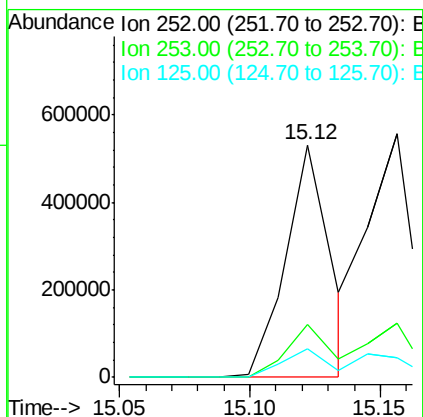
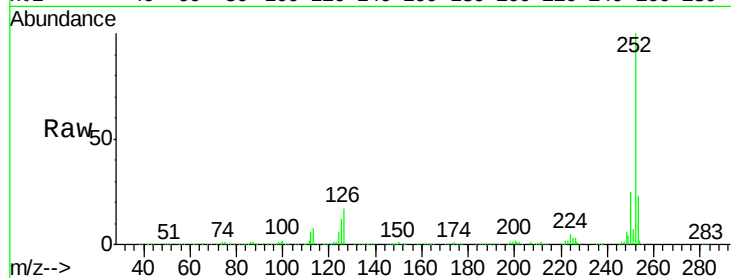




#87
Benzo(b)fluoranthene
Concen: 35.44 ng
RT: 15.12 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

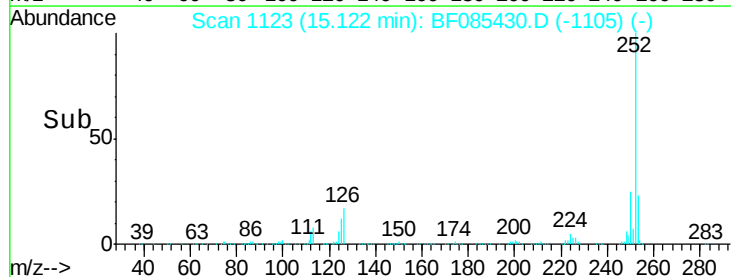
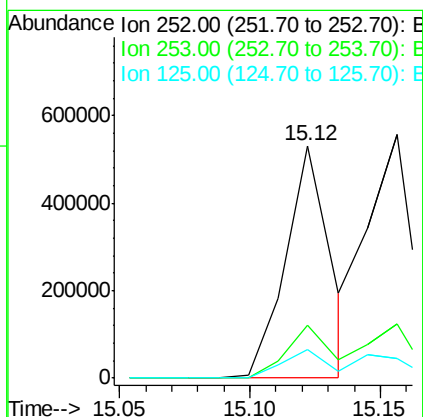
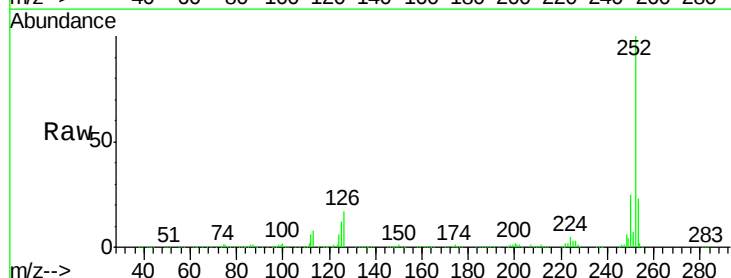
Instrument :
BNA_F
ClientSampleId :
PB88829BSD

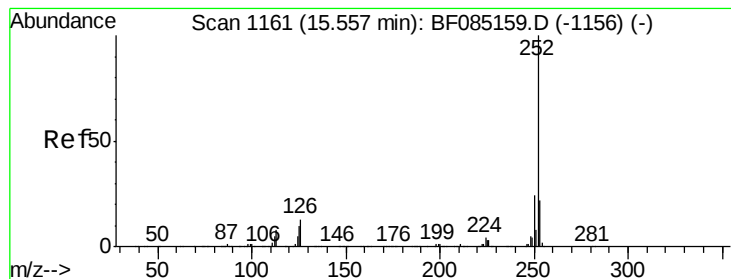
Tgt Ion: 252 Resp: 629298
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.1 11.3 16.9



#88
Benzo(k)fluoranthene
Concen: 43.93 ng
RT: 15.12 min Scan# 1123
Delta R.T. -0.09 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion: 252 Resp: 629298
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.1 10.4 15.6





#89

Benzo(a)pyrene

Concen: 43.44 ng

RT: 15.49 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

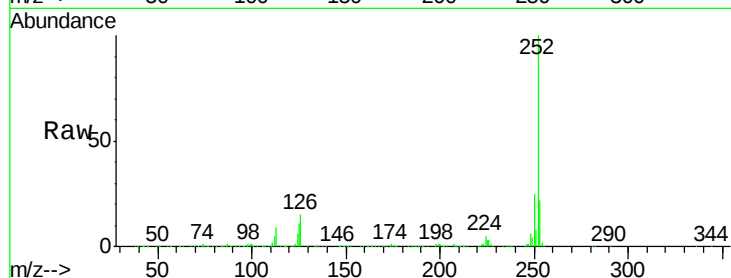
Tgt Ion:252 Resp: 639252

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

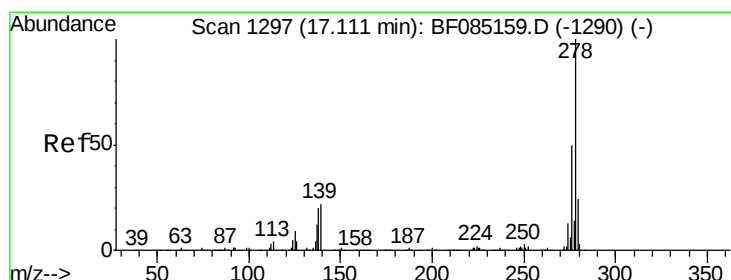
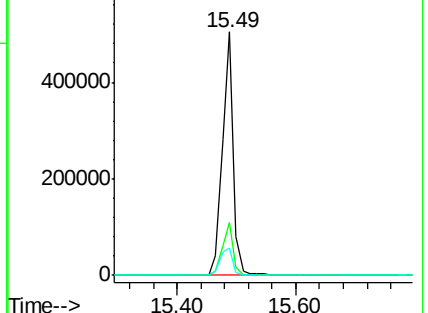
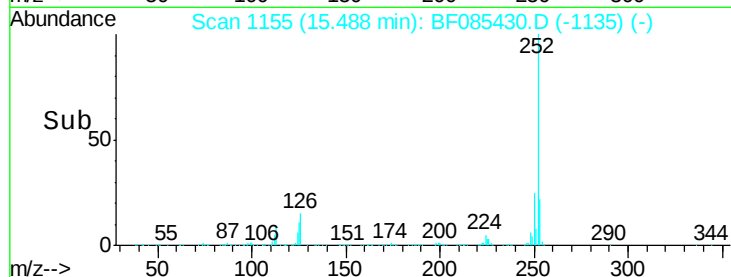
125 11.2 8.2 12.4



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: 50.73 ng

RT: 17.02 min Scan# 1289

Delta R.T. -0.09 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

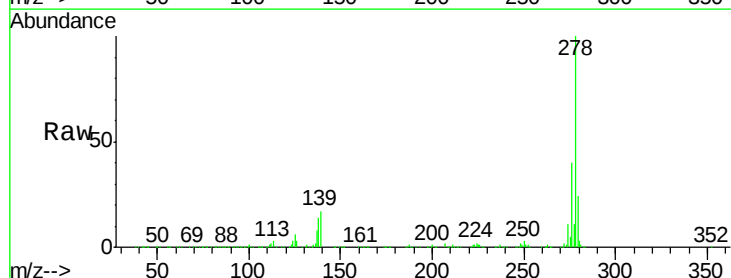
Tgt Ion:278 Resp: 637320

Ion Ratio Lower Upper

278 100

139 16.6 17.3 25.9#

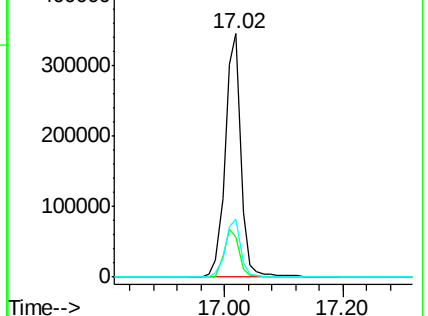
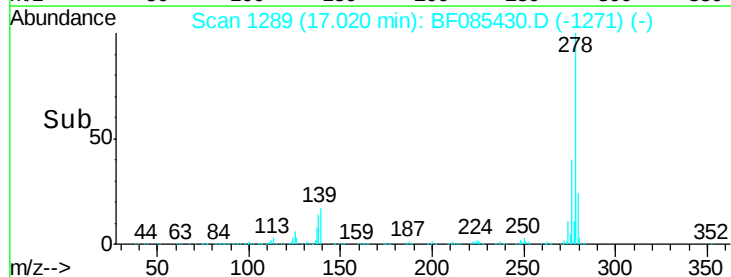
279 23.7 19.2 28.8

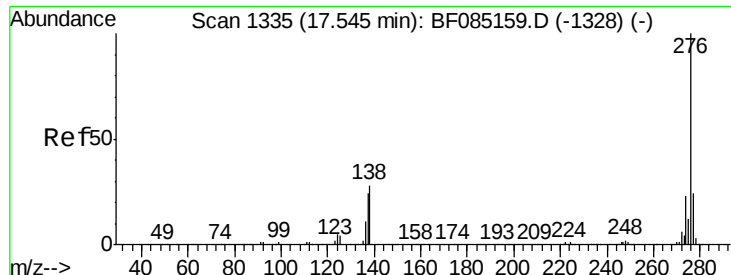


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.74 ng

RT: 17.44 min Scan# 1326

Delta R.T. -0.10 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

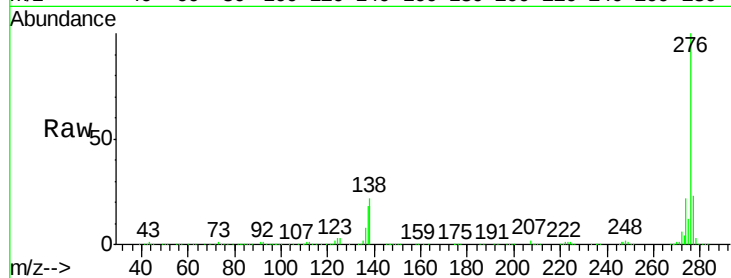
Tgt Ion: 276 Resp: 628242

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 22.3 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

