

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081129.D
 Acq On : 20 Aug 2015 17:34
 Operator : UM/IZ
 Sample : PB85099BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

Quant Time: Aug 21 01:35:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	64802	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	274735	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	134864	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	249415	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	214385	20.00	ng	0.00
86) Perylene-d12	15.04	264	155978	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	280595	65.13	ng	0.00
7) Phenol-d6	6.22	99	396577	70.55	ng	-0.01
23) Nitrobenzene-d5	7.14	82	344298	57.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	68514	58.61	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	591630	57.48	ng	-0.02
78) Terphenyl-d14	12.67	244	551445	55.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	54984	27.08	ng	95
3) Pyridine	2.68	79	163687	28.57	ng	82
4) n-Nitrosodimethylamine	2.63	42	100466	31.49	ng	# 78
6) Aniline	6.23	93	160103	19.59	ng	# 28
8) 2-Chlorophenol	6.36	128	164380	34.86	ng	96
9) Benzaldehyde	6.12	77	57254	15.80	ng	89
10) Phenol	6.24	94	228542	34.42	ng	# 77
11) bis(2-Chloroethyl)ether	6.32	93	182726	35.87	ng	97
12) 1,3-Dichlorobenzene	6.52	146	162693	32.11	ng	99
13) 1,4-Dichlorobenzene	6.60	146	166767	33.24	ng	98
14) 1,2-Dichlorobenzene	6.74	146	155891	33.20	ng	97
15) Benzyl Alcohol	6.73	79	164695	36.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	317843	31.75	ng	99
17) 2-Methylphenol	6.85	107	134536	33.25	ng	95
18) Hexachloroethane	7.09	117	66317	32.71	ng	96
19) n-Nitroso-di-n-propylamine	7.01	70	130824	33.60	ng	91
20) 3+4-Methylphenols	7.01	107	169163	32.94	ng	# 50
22) Acetophenone	7.00	105	241046	33.42	ng	# 87
24) Nitrobenzene	7.17	77	214673	34.14	ng	97
25) Isophorone	7.41	82	342400	30.53	ng	98
26) 2-Nitrophenol	7.49	139	85802	32.81	ng	# 65
27) 2,4-Dimethylphenol	7.53	122	143927	31.11	ng	96
28) bis(2-Chloroethoxy)methane	7.62	93	202879	30.62	ng	99
29) 2,4-Dichlorophenol	7.73	162	135955	34.91	ng	91
30) 1,2,4-Trichlorobenzene	7.81	180	135413	31.28	ng	99
31) Naphthalene	7.89	128	485903	31.73	ng	99
32) Benzoic acid	7.67	122	94676	36.38	ng	97
33) 4-Chloroaniline	7.94	127	97065	15.02	ng	# 86
34) Hexachlorobutadiene	8.01	225	79383	32.43	ng	98
35) Caprolactam	8.32	113	35337	25.96	ng	# 67
36) 4-Chloro-3-methylphenol	8.44	107	157356	33.90	ng	99
37) 2-Methylnaphthalene	8.57	142	288778	29.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	130228	29.93	ng	# 97
40) Hexachlorocyclopentadiene	8.73	237	144766	64.28	ng	99

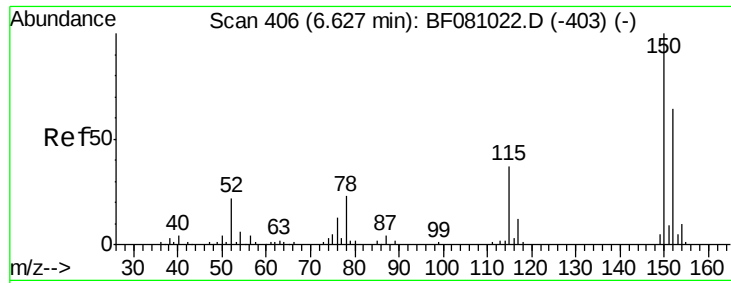
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	96067	31.25	nq	98
43) 2,4,5-Trichlorophenol	8.90	196	95340	31.03	nq	95
45) 1,1'-Biphenyl	9.04	154	381084	32.08	nq	96
46) 2-Chloronaphthalene	9.06	162	287592	30.14	nq	98
47) 2-Nitroaniline	9.17	65	125635	32.17	nq	# 67
48) Acenaphthylene	9.48	152	504145	29.53	nq	99
49) Dimethylphthalate	9.35	163	326771	29.42	nq	100
50) 2,6-Dinitrotoluene	9.41	165	68632	28.78	nq	# 67
51) Acenaphthene	9.65	154	299327	29.29	nq	98
52) 3-Nitroaniline	9.57	138	52100	17.46	nq	94
53) 2,4-Dinitrophenol	9.68	184	76241	60.81	nq	# 80
54) Dibenzofuran	9.82	168	443809	32.41	nq	97
55) 4-Nitrophenol	9.75	139	120273	57.38	nq	# 81
56) 2,4-Dinitrotoluene	9.81	165	91159	28.84	nq	# 67
57) Fluorene	10.15	166	312616	29.67	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	83235	35.00	nq	92
59) Diethylphthalate	10.05	149	355097	30.21	nq	98
60) 4-Chlorophenyl-phenylether	10.15	204	138022	30.96	nq	93
61) 4-Nitroaniline	10.18	138	85908	28.17	nq	91
62) Azobenzene	10.31	77	414343	30.59	nq	97
64) 4,6-Dinitro-2-methylphenol	10.22	198	56205	37.73	nq	# 46
65) n-Nitrosodiphenylamine	10.28	169	301026	33.81	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	89852	36.67	nq	# 89
67) Hexachlorobenzene	10.70	284	86545	34.88	nq	# 92
68) Atrazine	10.81	200	105207	42.41	nq	97
69) Pentachlorophenol	10.89	266	94398	63.40	nq	97
70) Phenanthrene	11.11	178	520179	35.19	nq	100
71) Anthracene	11.16	178	462982	32.19	nq	100
72) Carbazole	11.32	167	474695	34.28	nq	99
73) Di-n-butylphthalate	11.66	149	569388	33.98	nq	98
74) Fluoranthene	12.29	202	560847	35.16	nq	98
76) Benzidine	12.41	184	214737	26.52	nq	98
77) Pyrene	12.51	202	514489	29.52	nq	100
79) Butylbenzylphthalate	13.15	149	251985	33.64	nq	# 70
80) Benzo(a)anthracene	13.69	228	463833	32.26	nq	100
81) 3,3'-Dichlorobenzidine	13.66	252	90565	19.45	nq	97
82) Chrysene	13.73	228	415096	32.04	nq	98
83) Bis(2-ethylhexyl)phthalate	13.72	149	361144	37.64	nq	97
84) Di-n-octyl phthalate	14.32	149	593832	40.72	nq	98
85) Indeno(1,2,3-cd)pyrene	16.24	276	281377	30.93	nq	# 94
87) Benzo(b)fluoranthene	14.71	252	710977	64.44	nq	99
88) Benzo(k)fluoranthene	14.71	252	710977	69.16	nq	# 97
89) Benzo(a)pyrene	14.99	252	310762	32.33	nq	# 95
90) Dibenzo(a,h)anthracene	16.25	278	236178	31.53	nq	# 93
91) Benzo(g,h,i)perylene	16.60	276	239099	31.46	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081129.D

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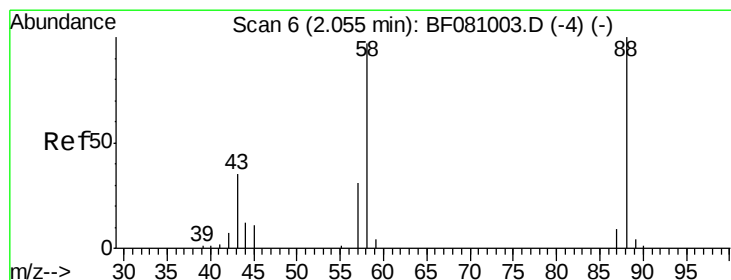
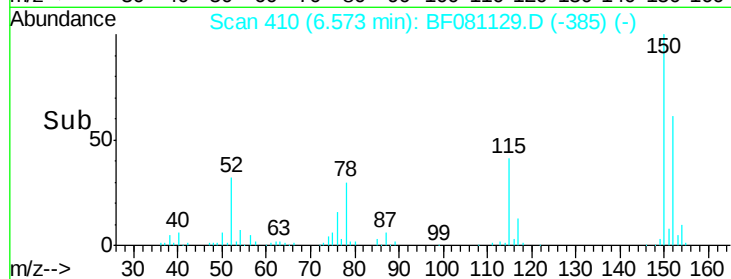
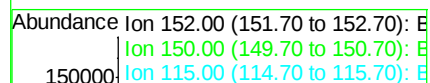
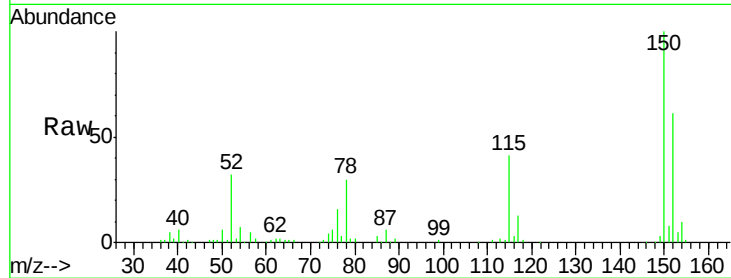
Tot Ion:152 Resp: 64802

Ion Ratio Lower Upper

152 100

150 163.5 123.8 185.6

115 67.7 52.1 78.1



#2

1,4-Dioxane

Concen: 27.08 ng

RT: 2.06 min Scan# 15

Delta R.T. 0.06 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

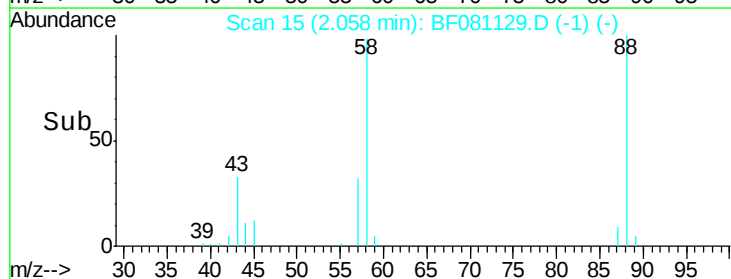
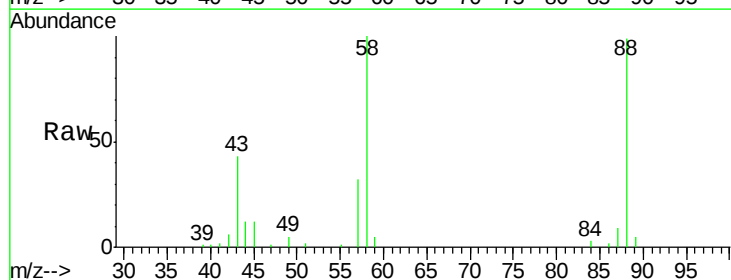
Tgt Ion: 88 Resp: 54984

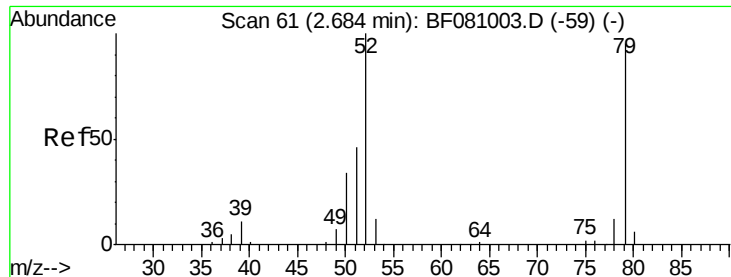
Ion Ratio Lower Upper

88 100

58 109.1 83.7 125.5

43 50.7 37.5 56.3





#3

Pvridine

Concen: 28.57 ng

RT: 2.68 min Scan# 69

Delta R.T. 0.05 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

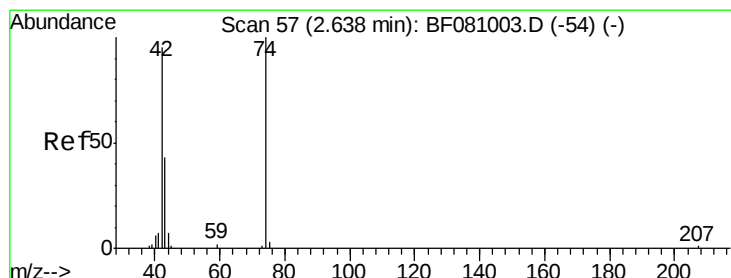
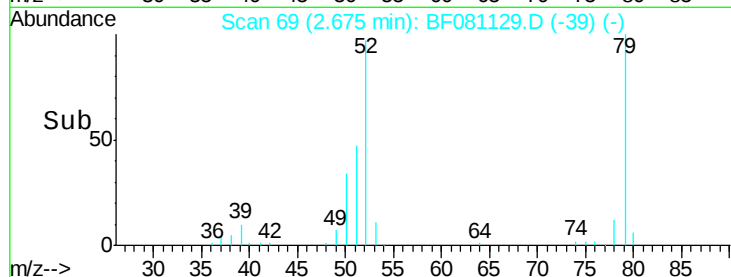
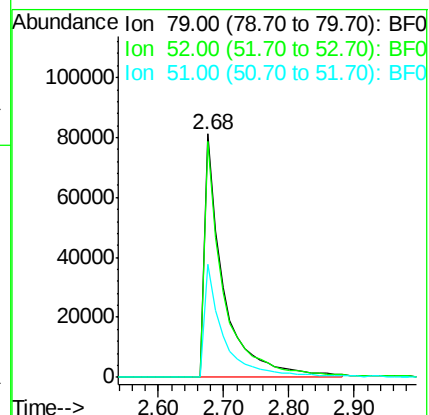
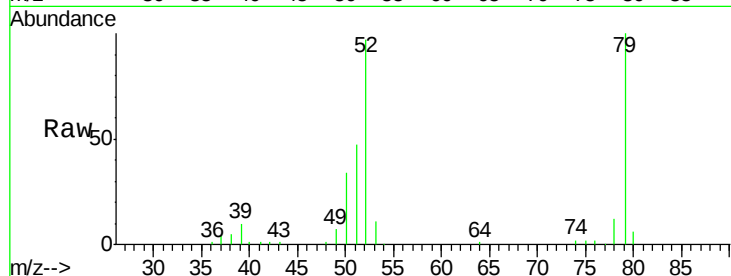
Tot Ion: 79 Resp: 163687

Ion Ratio Lower Upper

79 100

52 97.0 95.1 142.7

51 46.7 46.6 70.0



#4

n-Nitrosodimethylamine

Concen: 31.49 ng

RT: 2.63 min Scan# 65

Delta R.T. 0.05 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

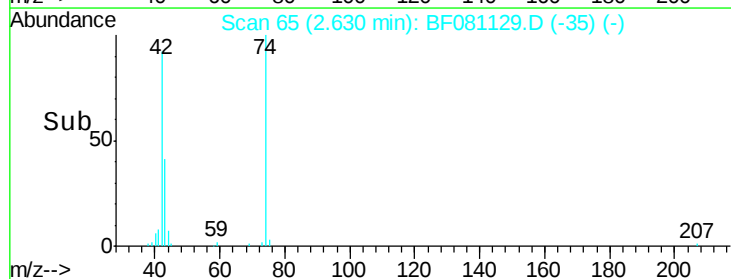
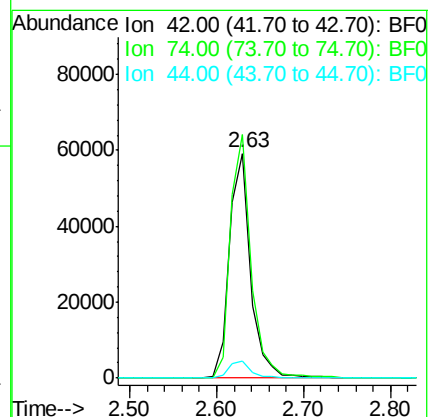
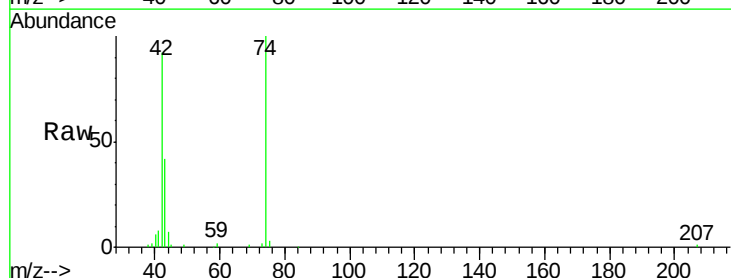
Tgt Ion: 42 Resp: 100466

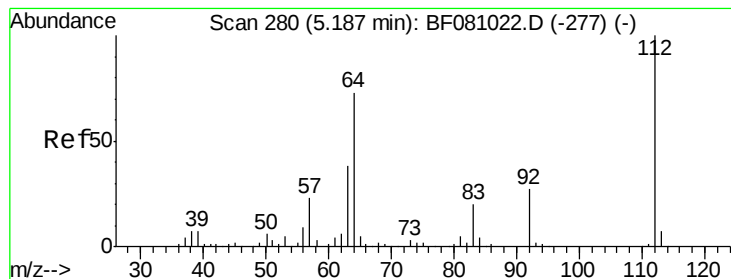
Ion Ratio Lower Upper

42 100

74 108.3 69.3 103.9#

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 65.13 ng

RT: 5.14 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

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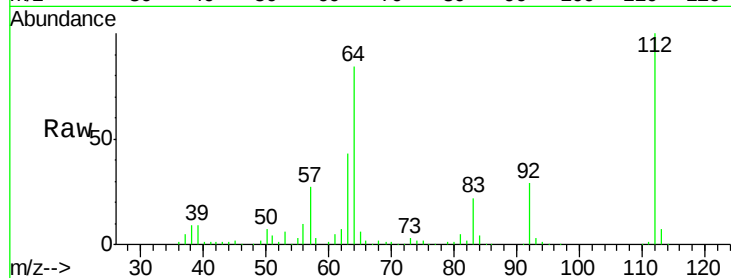
Tot Ion:112 Resp: 280595

Ion Ratio Lower Upper

112 100

64 83.8 66.9 100.3

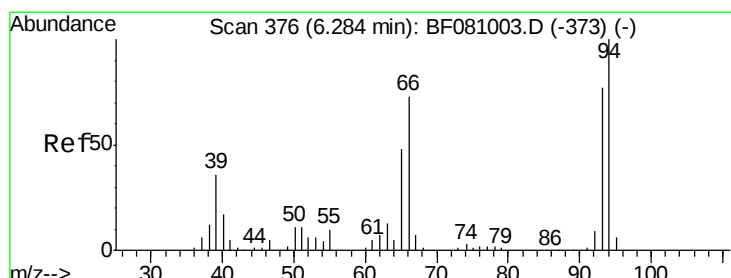
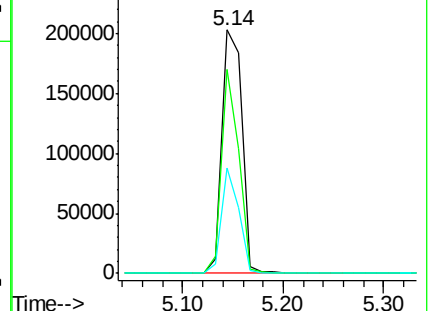
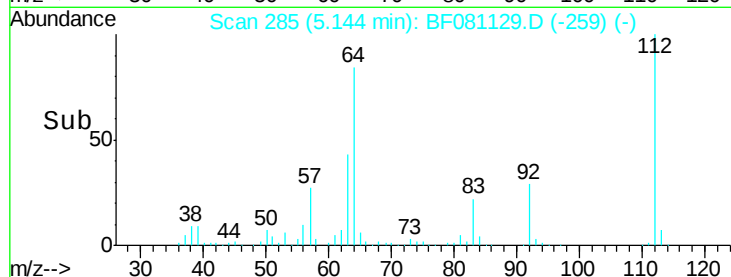
63 43.3 38.1 57.1



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: 19.59 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

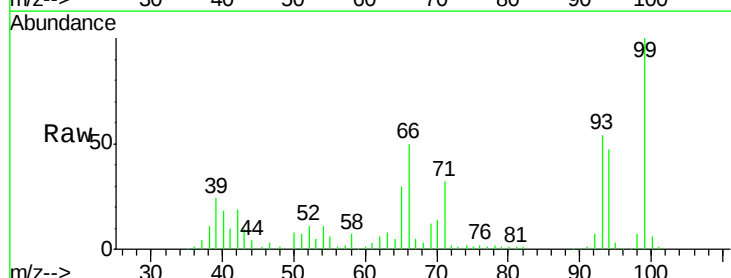
Tgt Ion: 93 Resp: 160103

Ion Ratio Lower Upper

93 100

66 92.7 35.6 53.4#

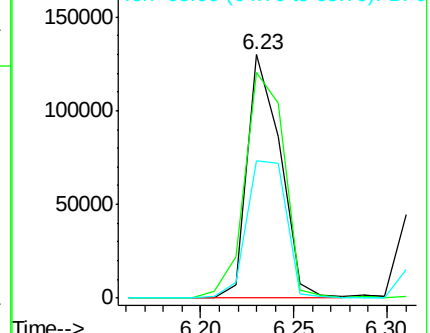
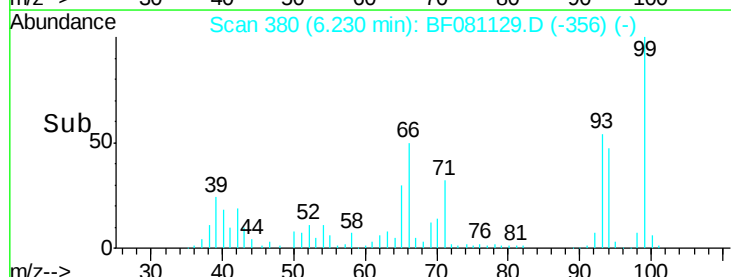
65 56.6 18.7 28.1#

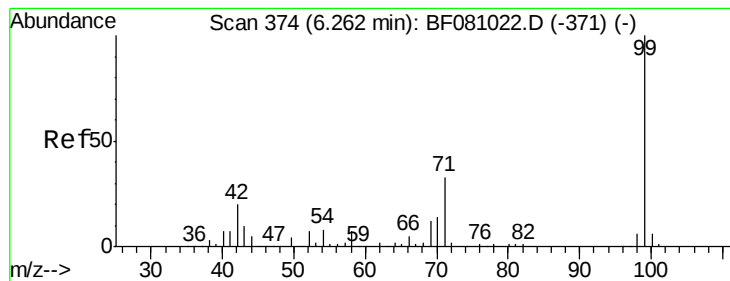


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.55 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

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PB85099BSD

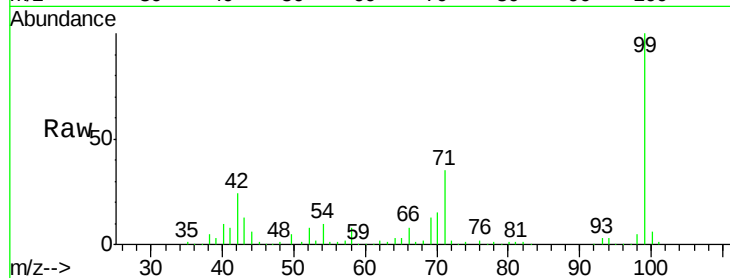
Tot Ion: 99 Resp: 396577

Ion Ratio Lower Upper

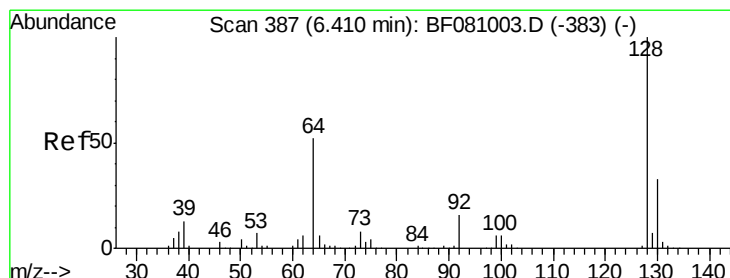
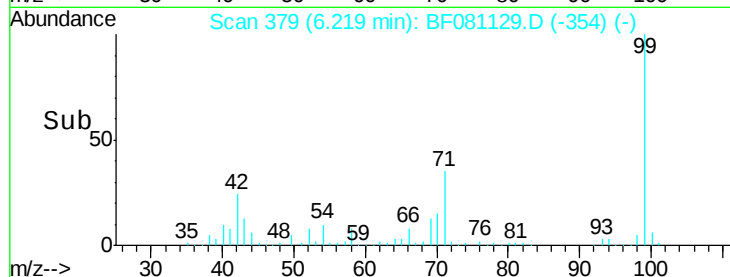
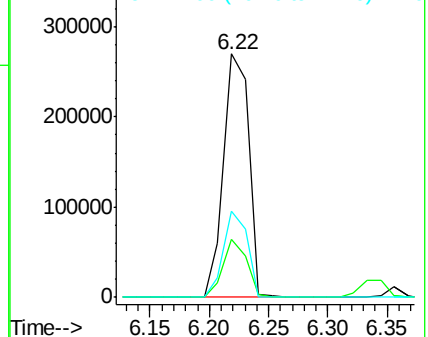
99 100

42 23.7 19.6 29.4

71 35.3 31.2 46.8



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



#8

2-Chlorophenol

Concen: 34.86 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

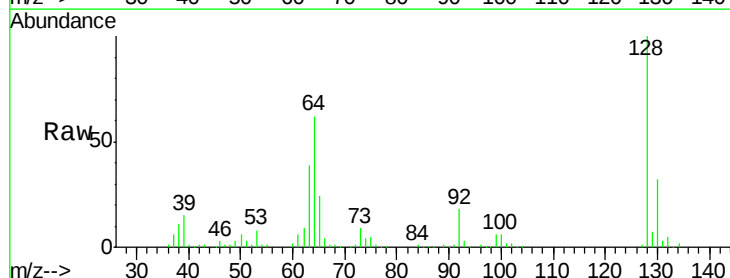
Tgt Ion: 128 Resp: 164380

Ion Ratio Lower Upper

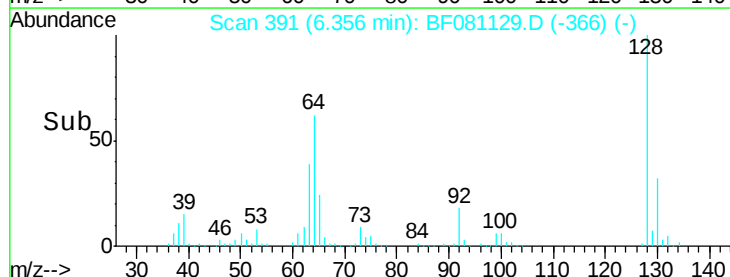
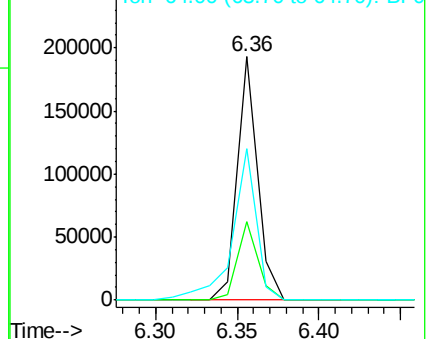
128 100

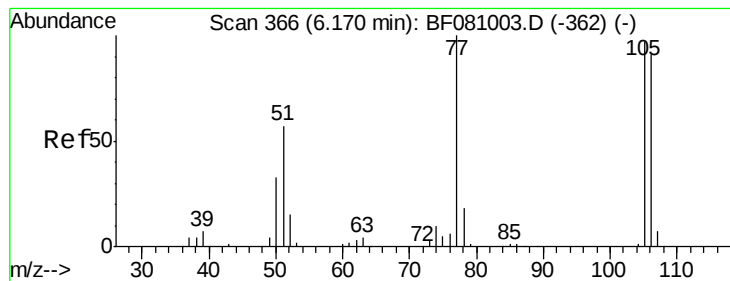
130 32.0 12.5 52.5

64 62.1 46.8 86.8



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





#9

Benzaldehyde

Concen: 15.80 ng

RT: 6.12 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

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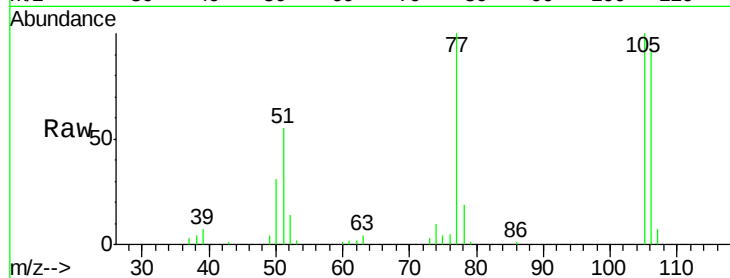
Tot Ion: 77 Resp: 57254

Ion Ratio Lower Upper

77 100

105 100.4 69.6 109.6

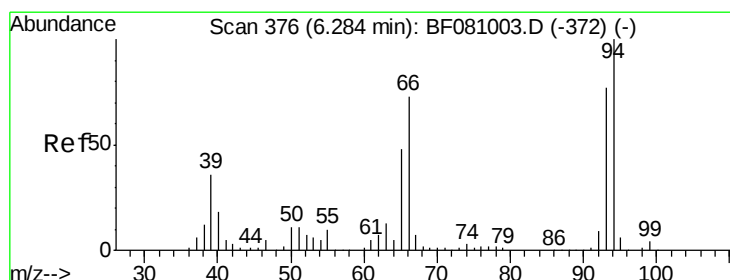
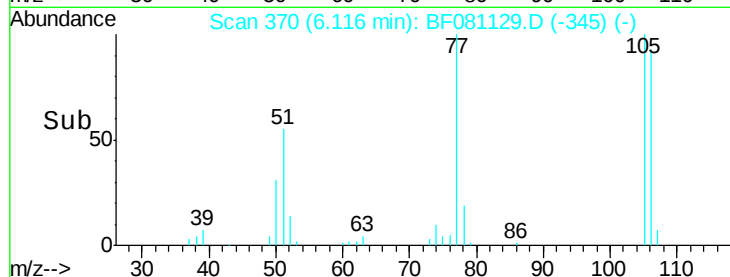
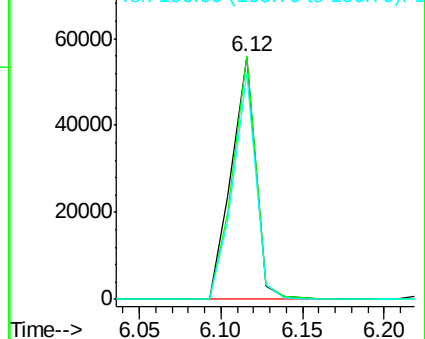
106 93.1 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.42 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

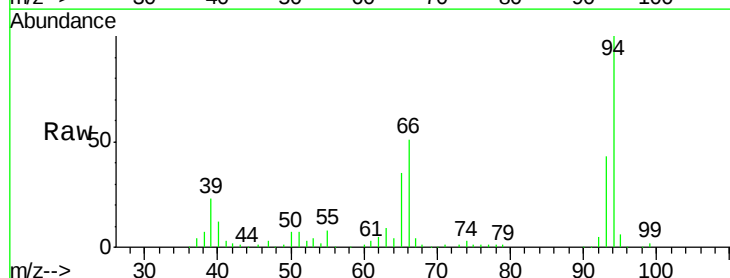
Tgt Ion: 94 Resp: 228542

Ion Ratio Lower Upper

94 100

65 35.5 28.4 68.4

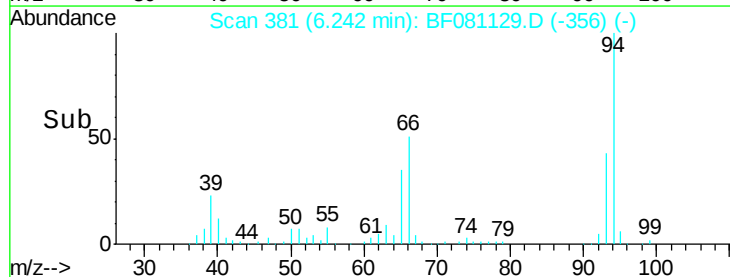
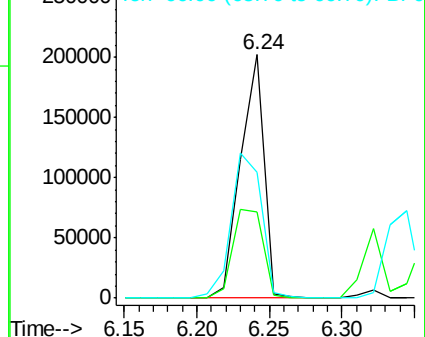
66 51.5 52.3 92.3#

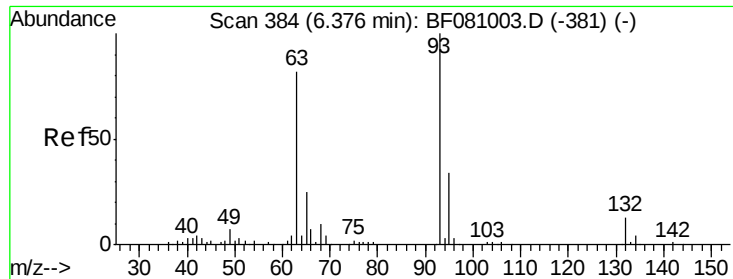


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



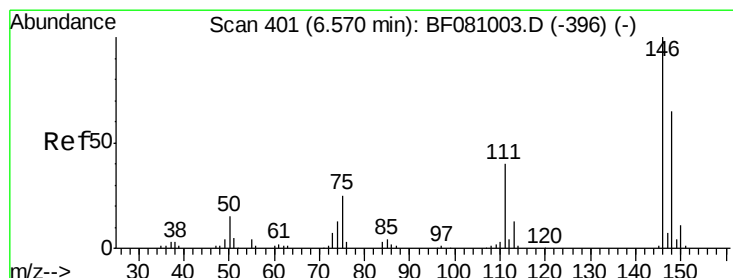
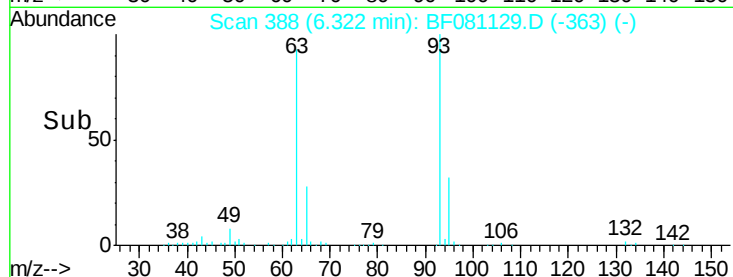
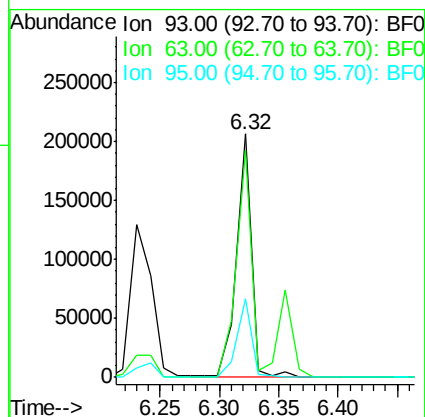
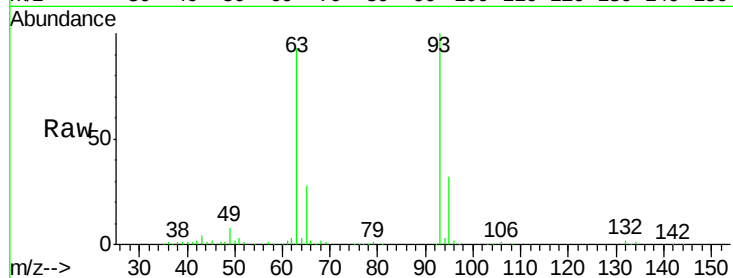


#11
bis(2-Chloroethyl)ether
Concen: 35.87 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Instrument :
BNA_F
ClientSampleId :
PB85099BSD

Tot Ion: 93 Resp: 182726

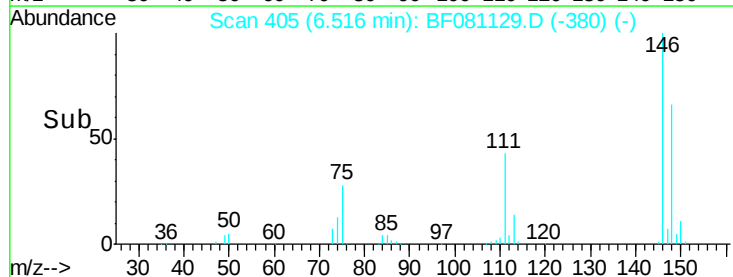
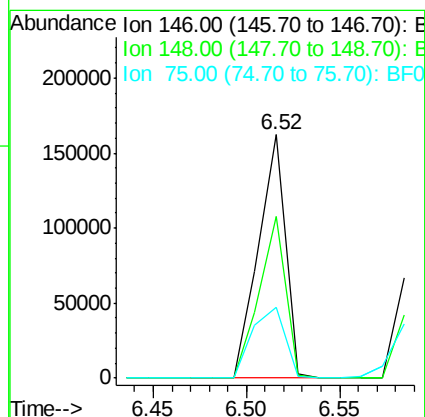
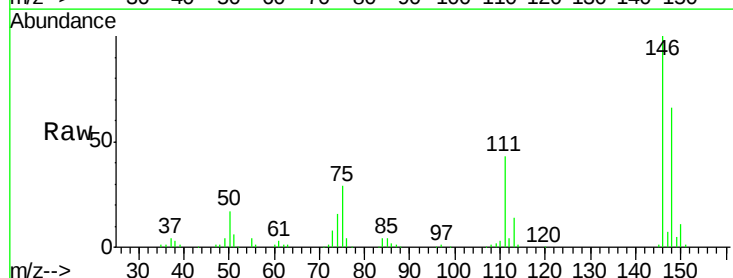
Ion	Ratio	Lower	Upper
93	100		
63	93.5	69.6	109.6
95	32.3	12.3	52.3

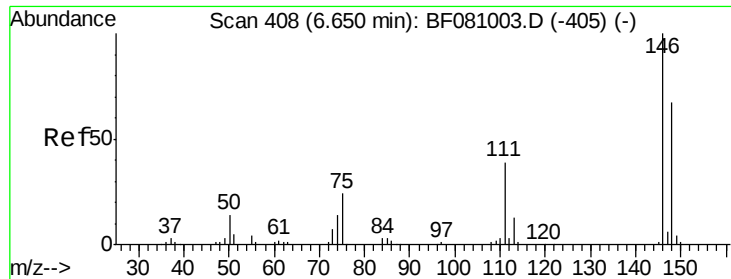


#12
1,3-Dichlorobenzene
Concen: 32.11 ng
RT: 6.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion: 146 Resp: 162693

Ion	Ratio	Lower	Upper
146	100		
148	66.4	53.3	79.9
75	29.1	25.0	37.6

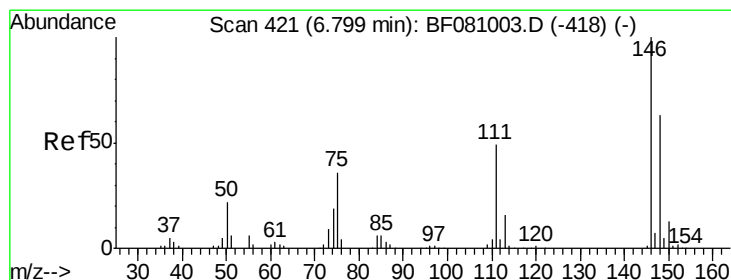
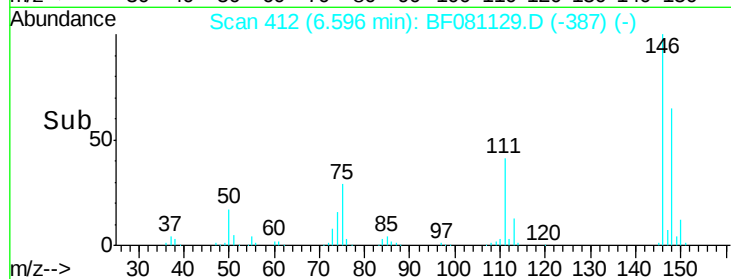
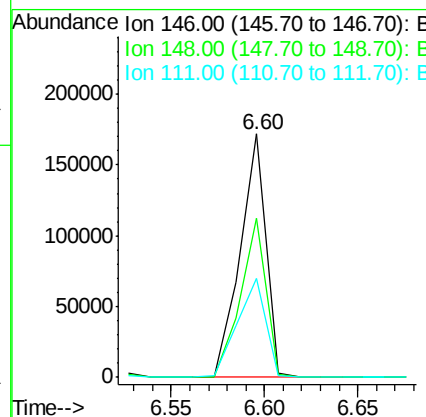
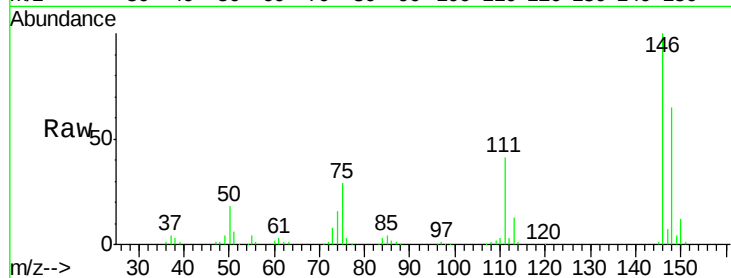




#13
 1,4-Dichlorobenzene
 Concen: 33.24 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

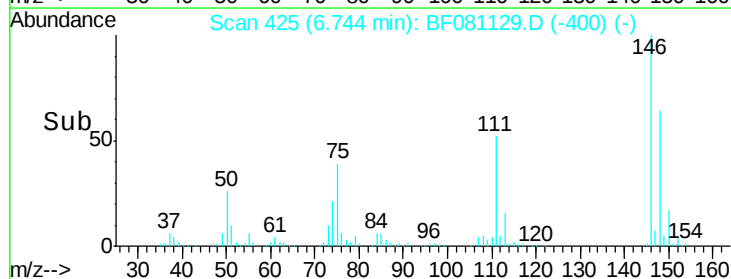
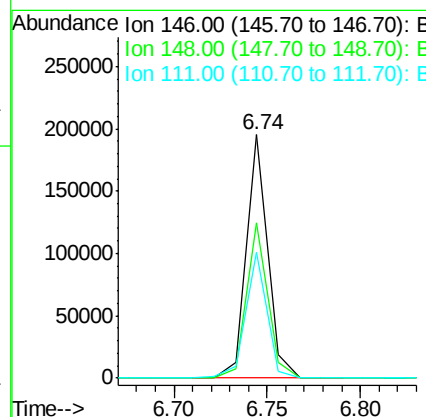
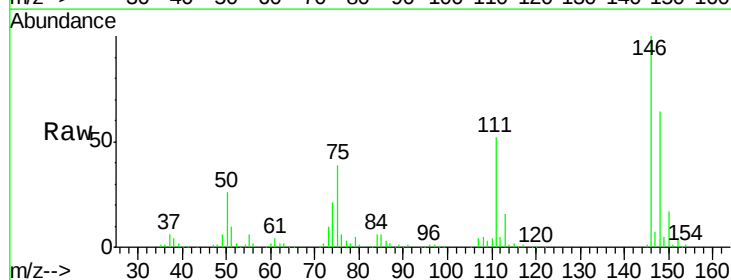
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

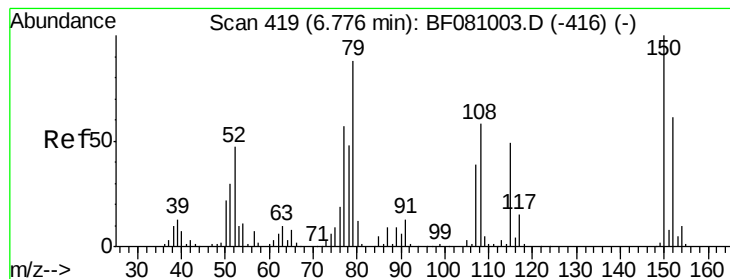
Tot Ion:146 Resp: 166767
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 40.7 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 33.20 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:146 Resp: 155891
 Ion Ratio Lower Upper
 146 100
 148 64.0 48.7 73.1
 111 51.8 42.3 63.5





#15

Benzyl Alcohol

Concen: 36.21 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleID :

PB85099BSD

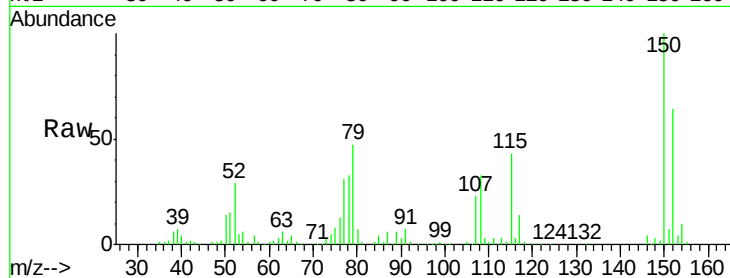
Tot Ion: 79 Resp: 164695

Ion Ratio Lower Upper

79 100

108 69.4 49.4 74.2

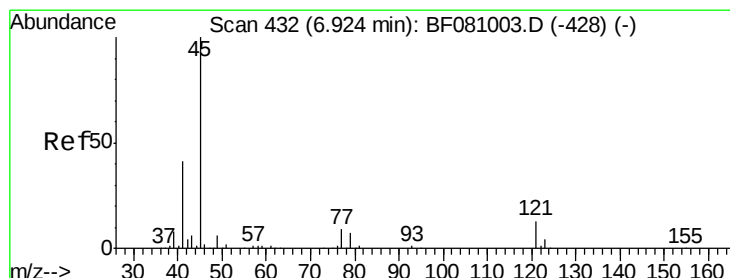
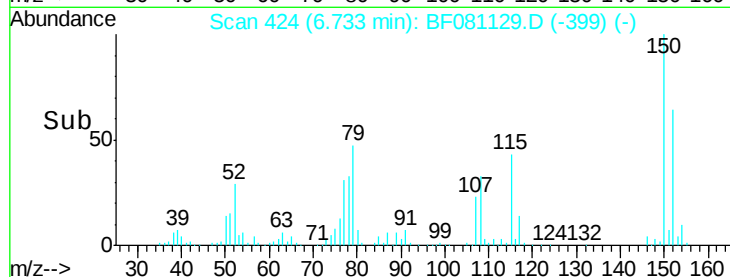
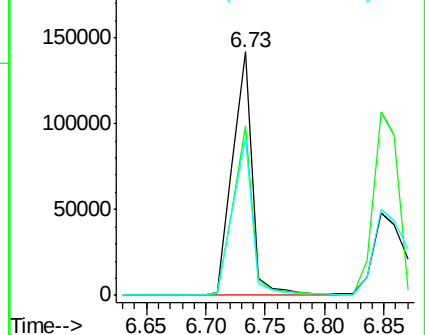
77 64.8 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.75 ng

RT: 6.87 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

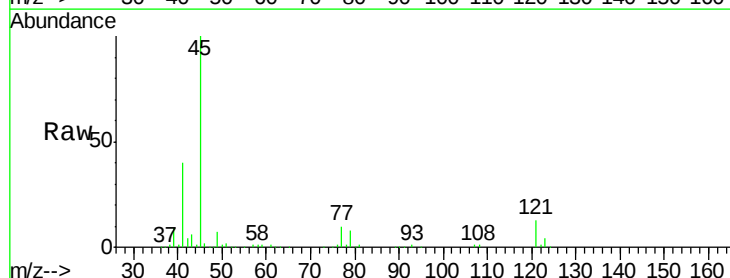
Tgt Ion: 45 Resp: 317843

Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.2

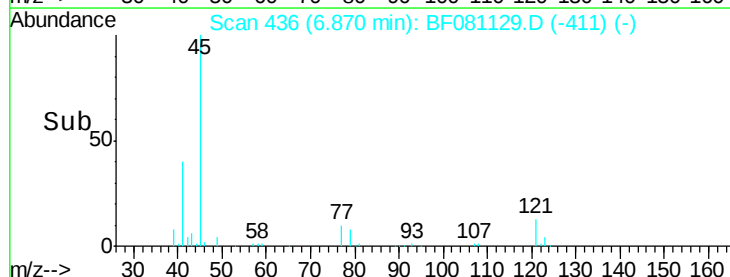
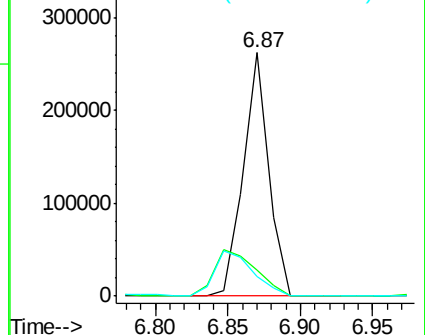
79 8.2 0.0 28.0

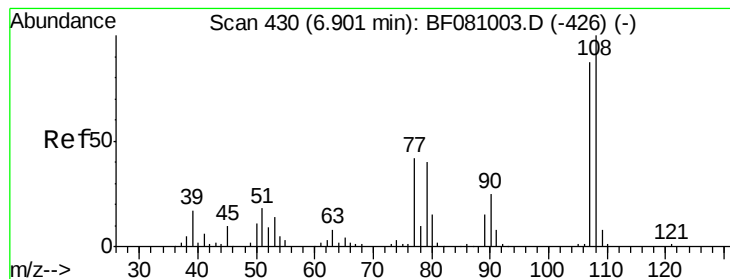


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 33.25 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

Tot Ion:107 Resp: 134536

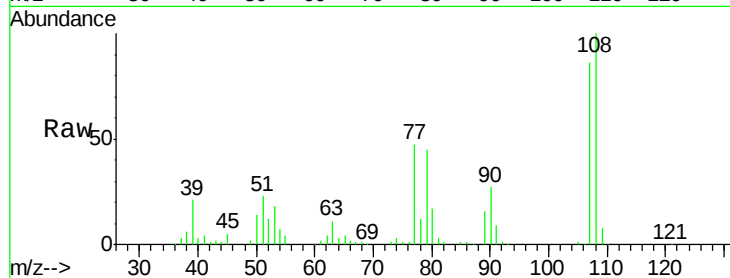
Ion Ratio Lower Upper

107 100

108 116.2 90.4 135.6

77 54.6 46.5 69.7

79 52.4 46.3 69.5

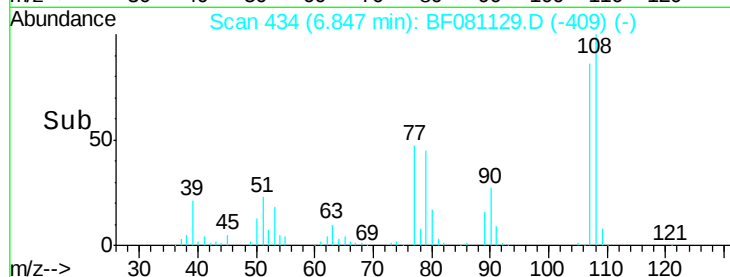


Abundance Ion 107.00 (106.70 to 107.70): E

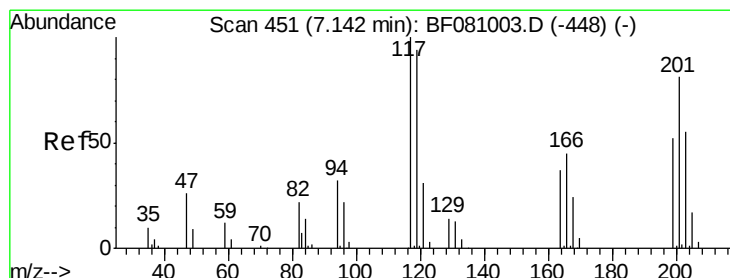
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 32.71 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

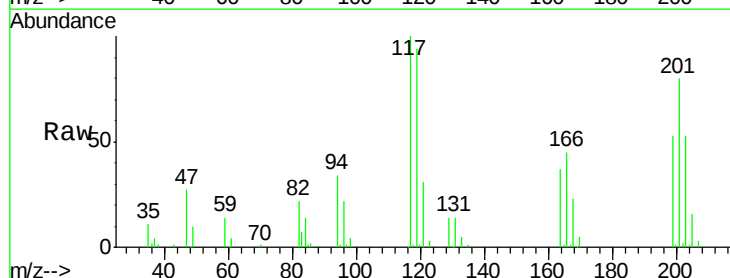
Tgt Ion:117 Resp: 66317

Ion Ratio Lower Upper

117 100

119 93.8 77.9 116.9

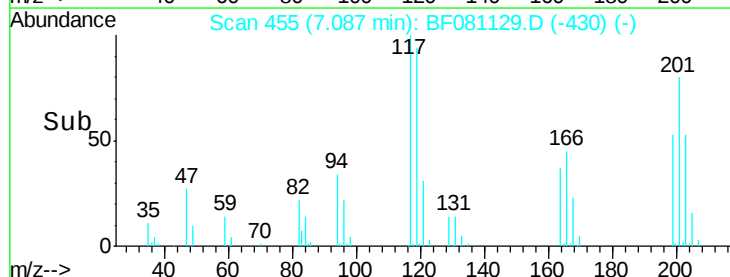
201 80.0 61.3 91.9



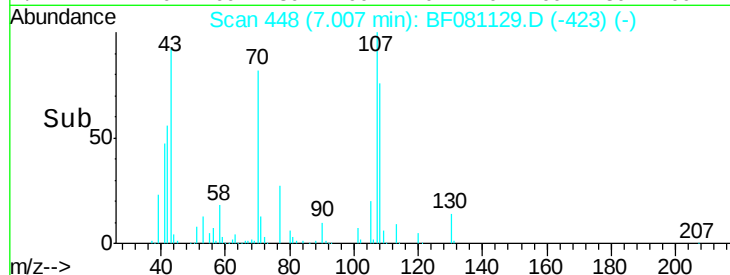
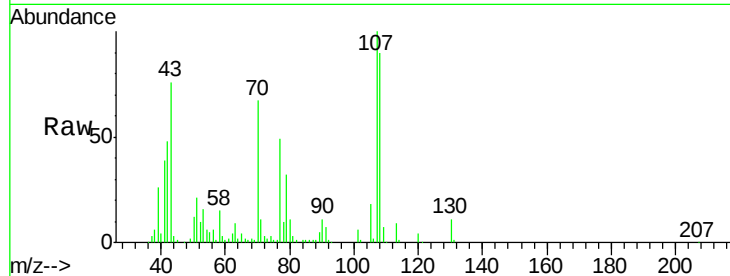
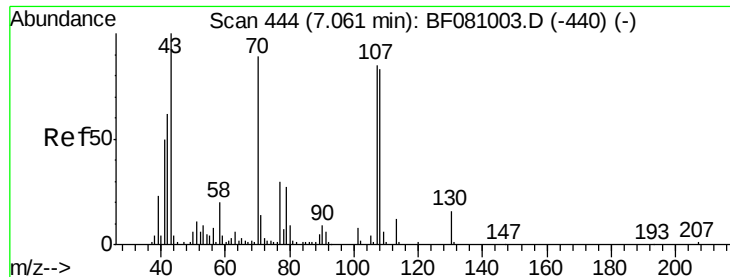
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



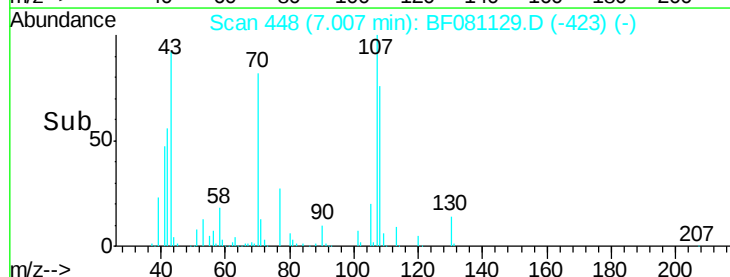
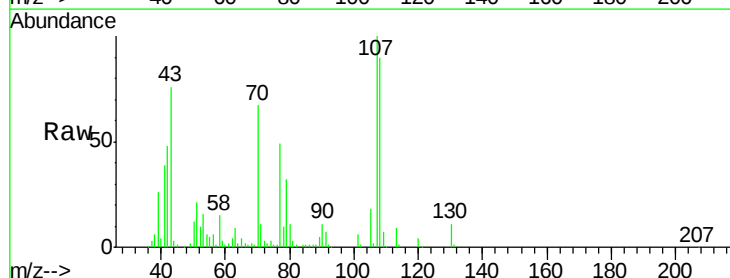
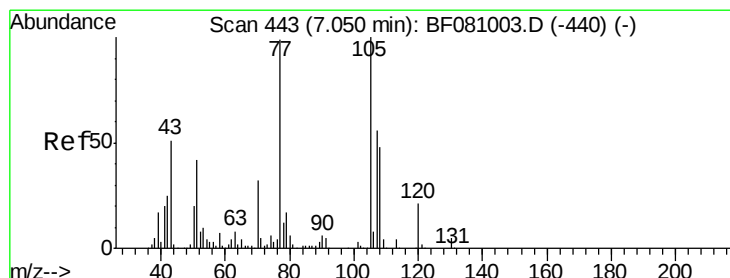
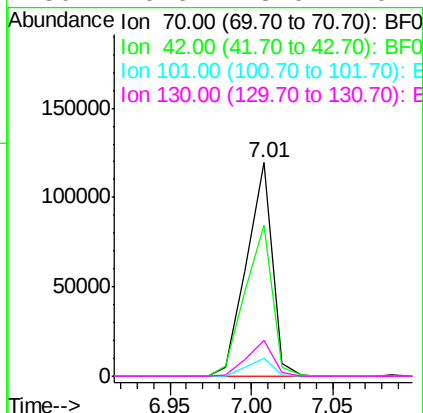
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 33.60 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

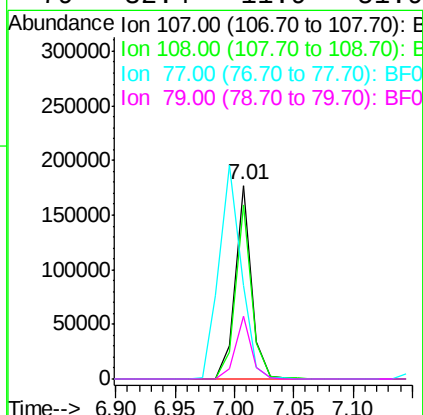
Instrument :
BNA_F
ClientSampleId :
PB85099BSD

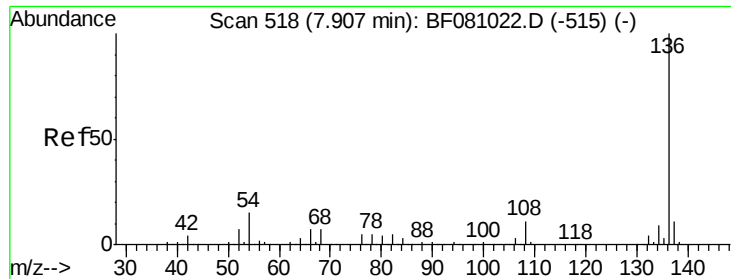
Tot Ion:	70	Resp:	130824
Ion	Ratio	Lower	Upper
70	100		
42	70.9	65.0	97.4
101	8.6	7.4	11.2
130	16.6	13.0	19.4



#20
3+4-Methylphenols
Concen: 32.94 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion:	107	Resp:	169163
Ion	Ratio	Lower	Upper
107	100		
108	89.7	66.1	106.1
77	48.5	139.3	179.3#
79	32.4	11.9	51.9

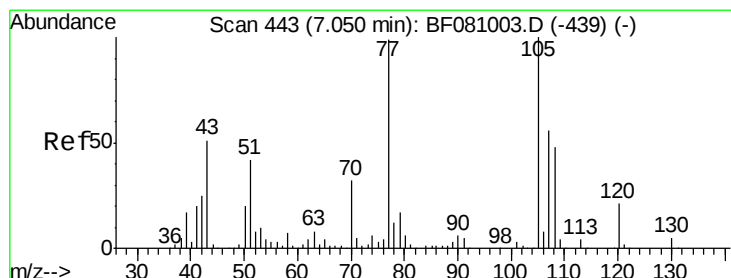
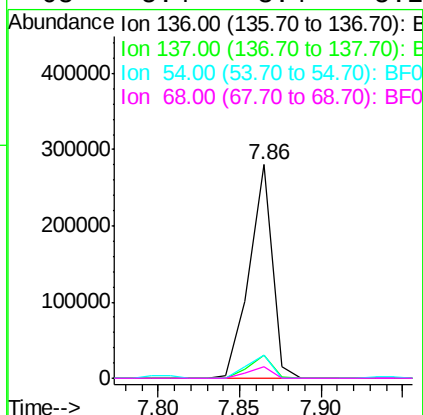
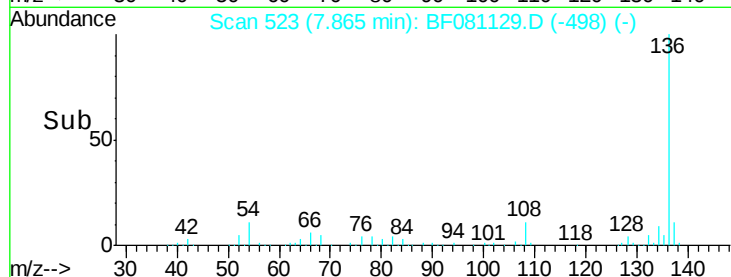
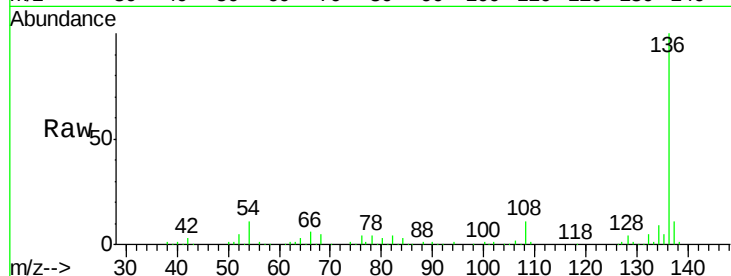




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

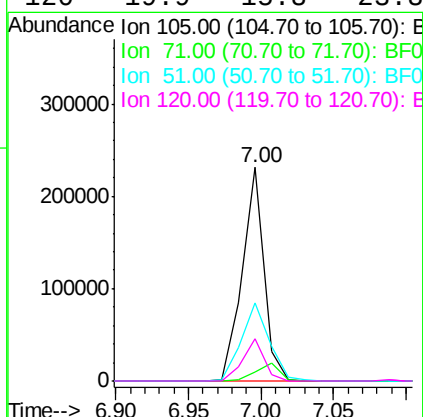
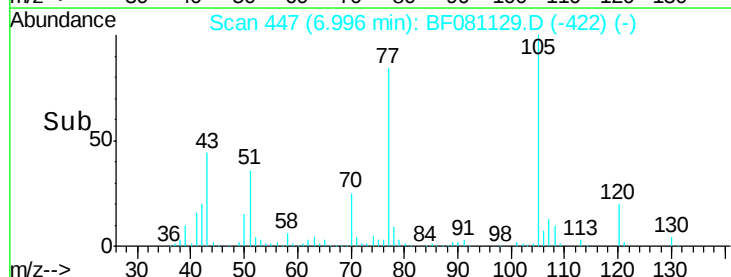
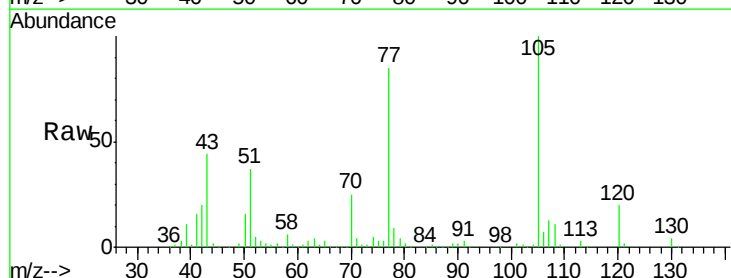
Instrument :
BNA_F
ClientSampleId :
PB85099BSD

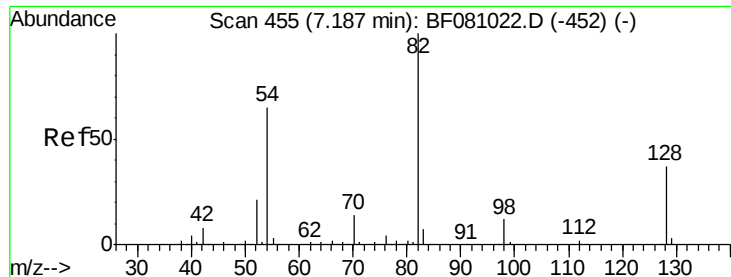
Tot Ion:136	Resp:	274735
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.2
54	11.0	7.7 11.5
68	5.4	3.4 5.2#



#22
Acetophenone
Concen: 33.42 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion:105	Resp:	241046
Ion Ratio	Lower	Upper
105	100	
71	4.3	3.0 4.6
51	36.6	39.8 59.8#
120	19.9	15.8 23.8

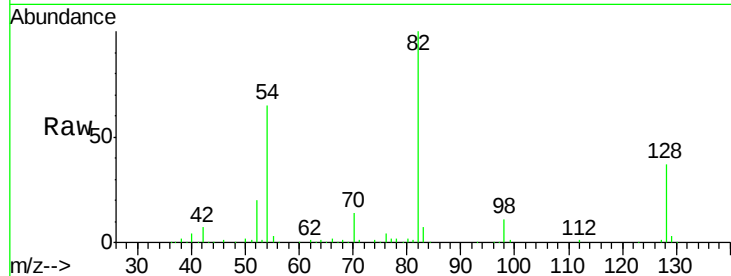




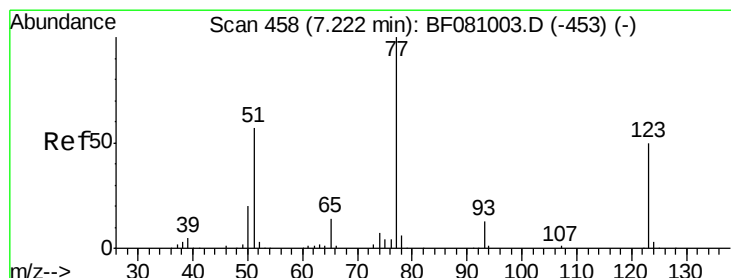
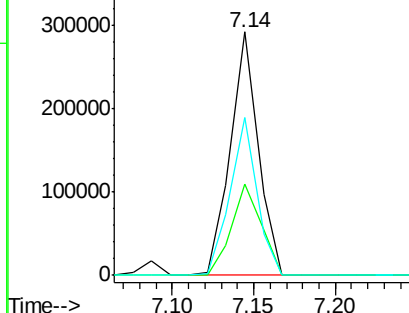
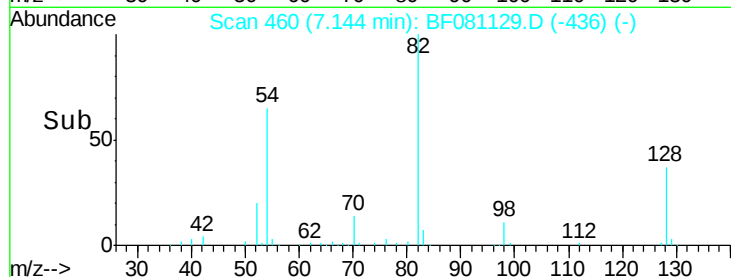
#23
Nitrobenzene-d5
Concen: 57.25 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Instrument :
BNA_F
ClientSampleId :
PB85099BSD

Tot Ion	82	Resp	344298
Ion Ratio	Lower	Upper	
82	100		
128	37.3	28.6	42.8
54	64.6	55.1	82.7

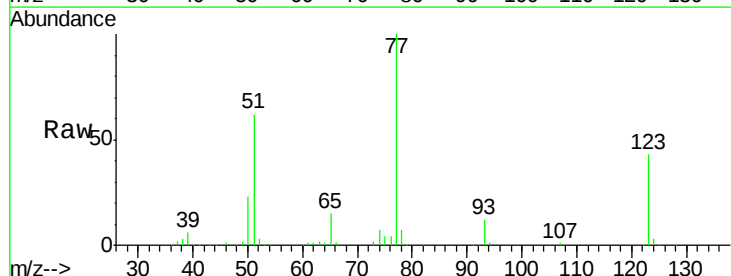


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

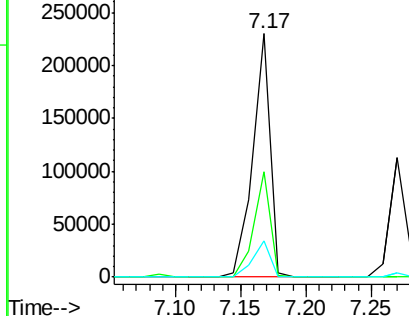
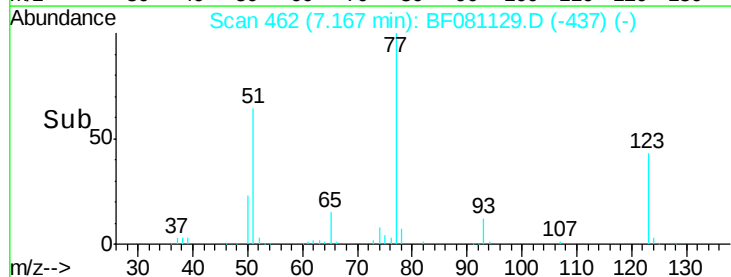


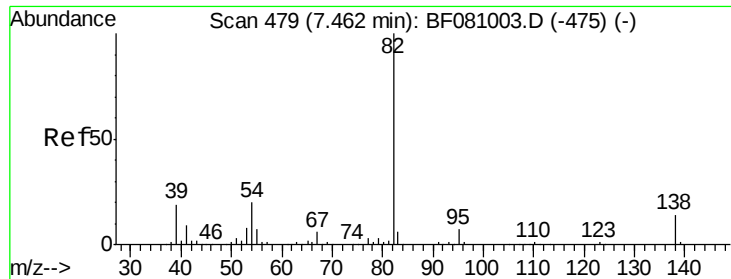
#24
Nitrobenzene
Concen: 34.14 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion	77	Resp	214673
Ion Ratio	Lower	Upper	
77	100		
123	43.4	32.9	49.3
65	14.6	12.5	18.7



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





#25

Isophorone

Concen: 30.53 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

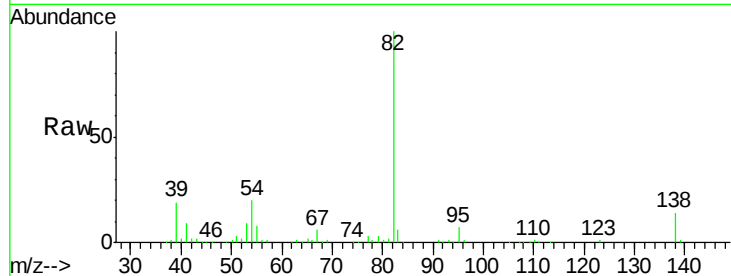
Tot Ion: 82 Resp: 342400

Ion Ratio Lower Upper

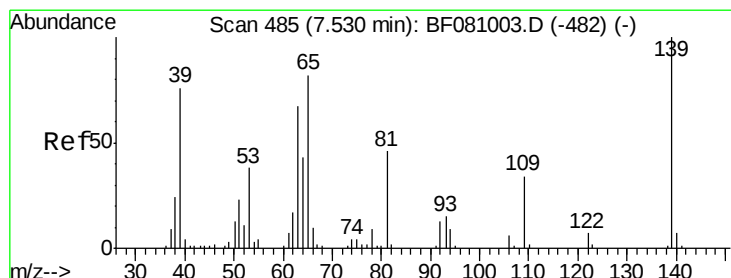
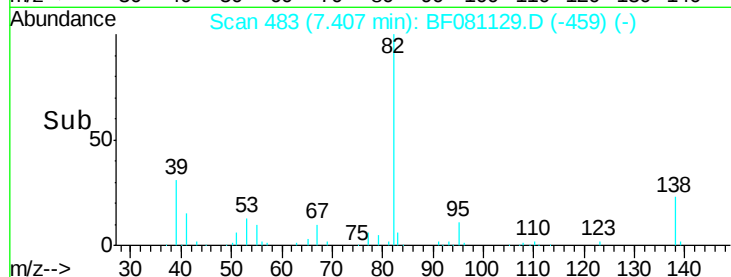
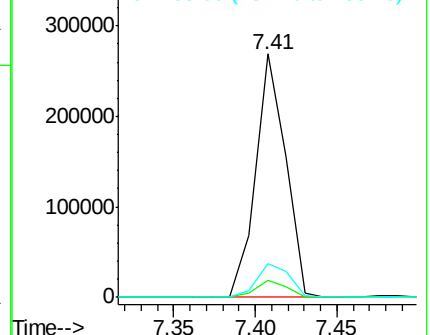
82 100

95 6.8 6.2 9.2

138 13.7 10.5 15.7



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: 32.81 ng

RT: 7.49 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

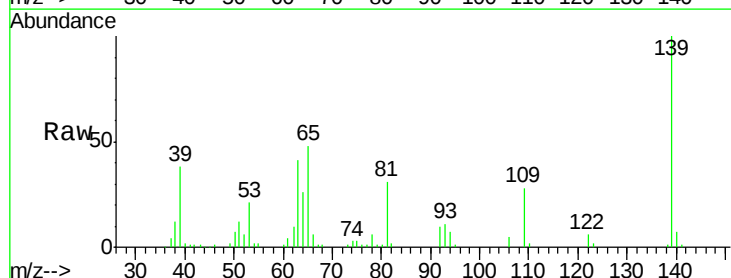
Tgt Ion: 139 Resp: 85802

Ion Ratio Lower Upper

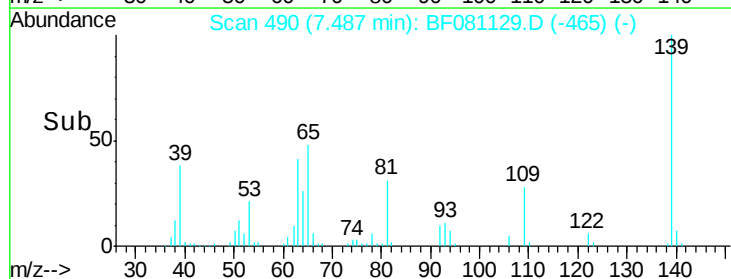
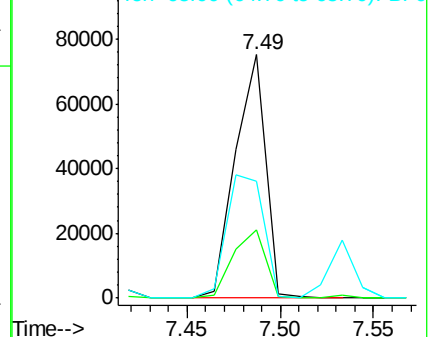
139 100

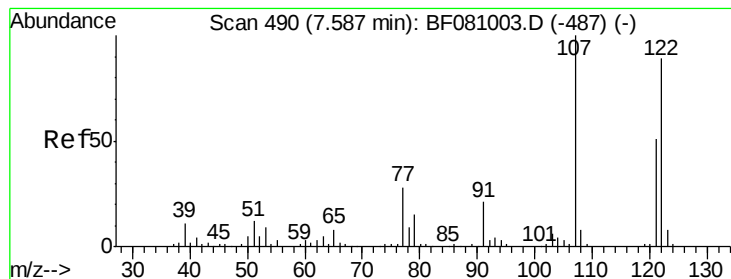
109 28.2 32.1 48.1#

65 48.0 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 31.11 ng

RT: 7.53 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

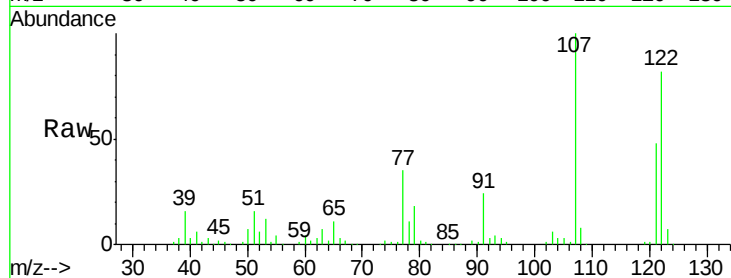
Tot Ion:122 Resp: 143927

Ion Ratio Lower Upper

122 100

107 122.5 103.8 155.6

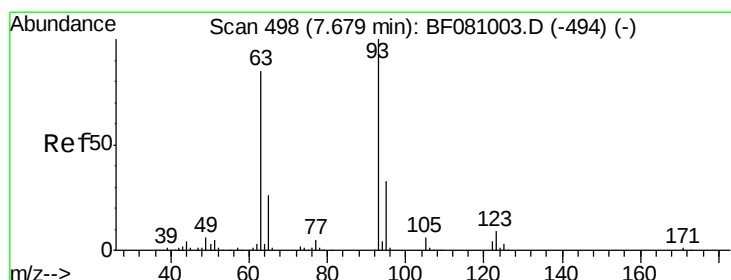
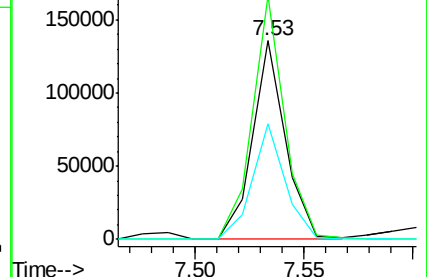
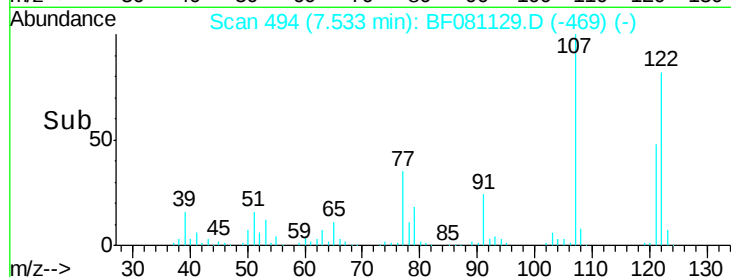
121 58.3 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.62 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

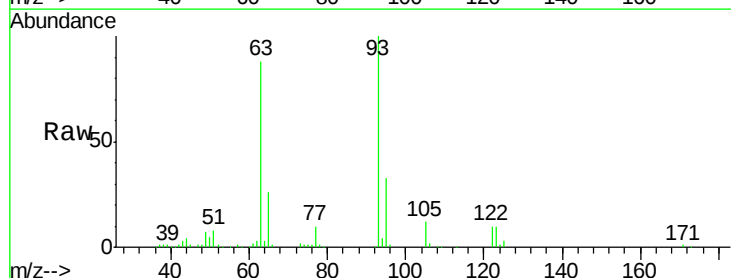
Tgt Ion: 93 Resp: 202879

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

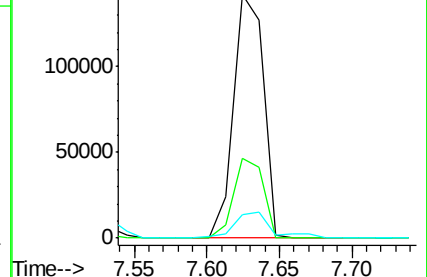
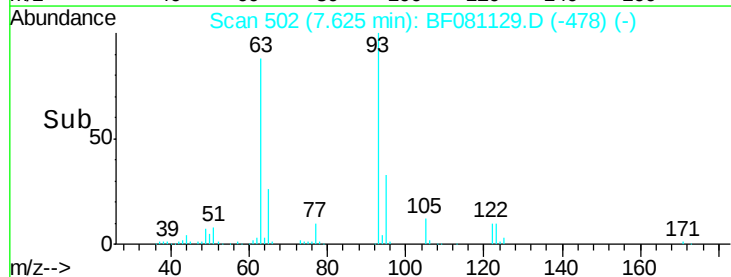
123 9.6 7.4 11.0

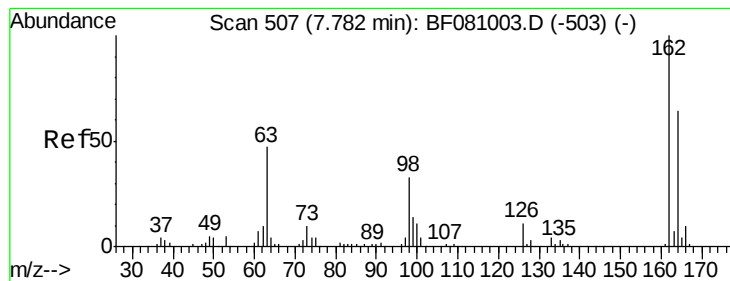


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.91 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

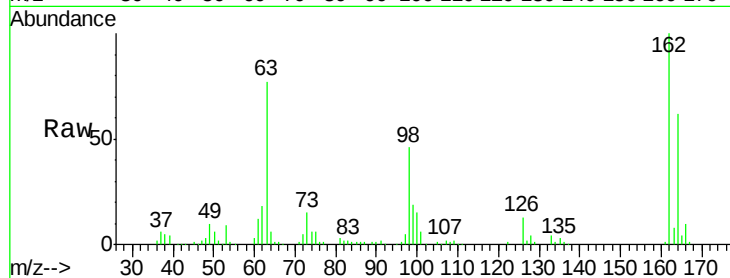
Tot Ion:162 Resp: 135955

Ion Ratio Lower Upper

162 100

164 62.4 43.2 83.2

98 45.9 12.3 52.3



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

200000

150000

100000

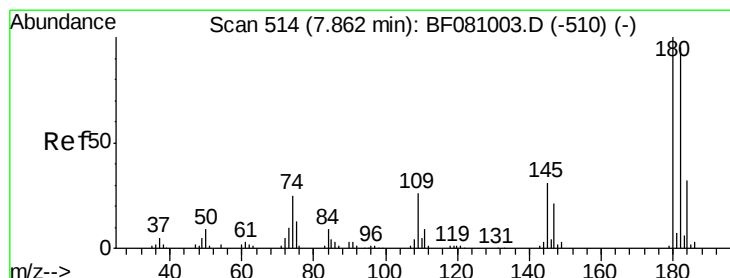
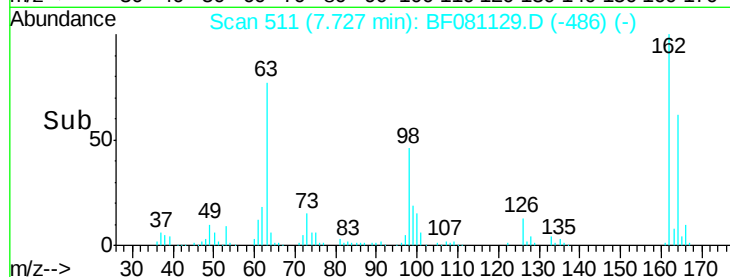
50000

0

7.65 7.70 7.75 7.80

7.73

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 31.28 ng

RT: 7.81 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

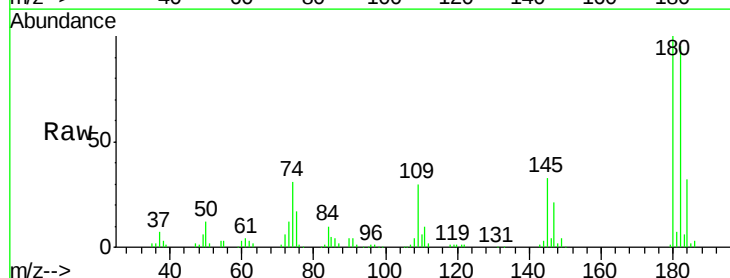
Tgt Ion:180 Resp: 135413

Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 33.0 25.4 38.2



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

150000

100000

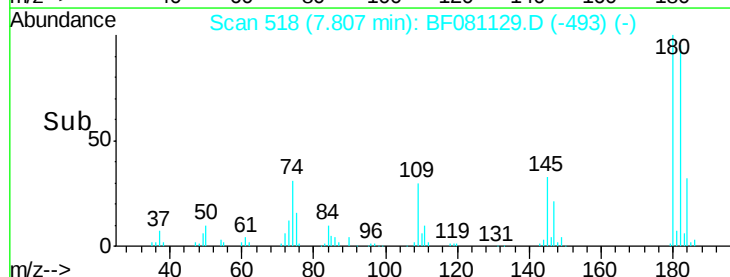
50000

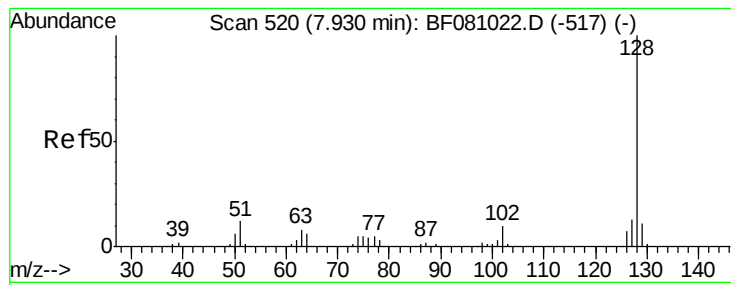
0

7.75 7.80 7.85

7.81

Time-->





#31

Naphthalene

Concen: 31.73 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

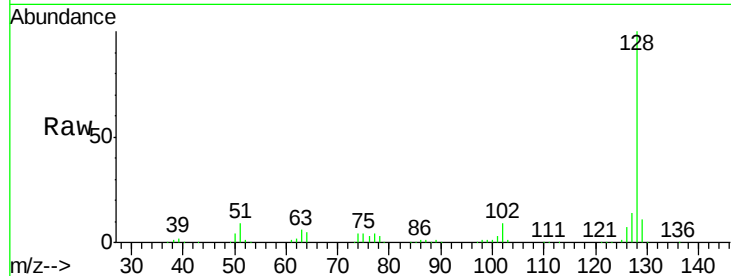
Tot Ion:128 Resp: 485903

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

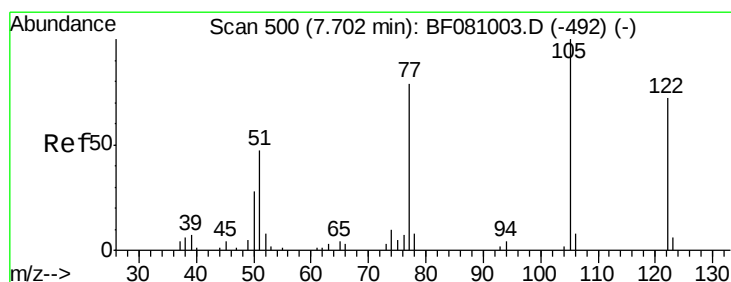
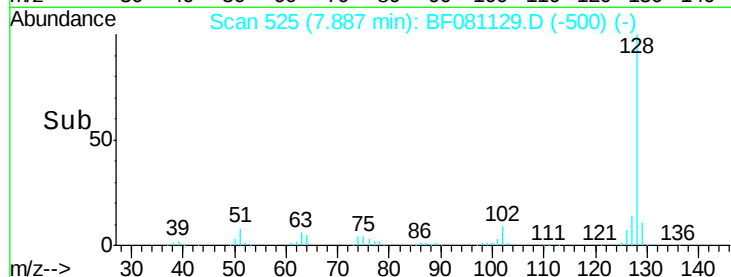
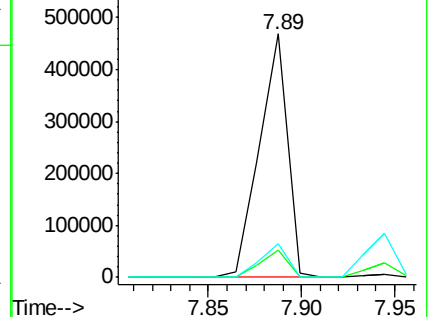
127 13.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.38 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

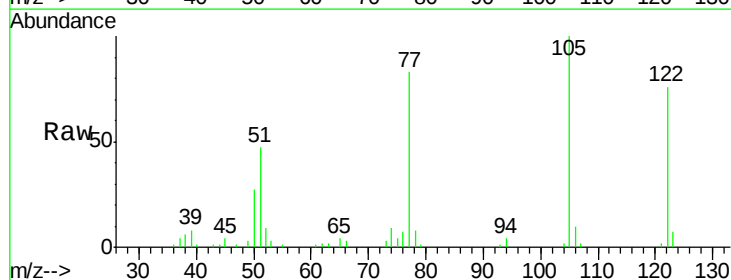
Tgt Ion:122 Resp: 94676

Ion Ratio Lower Upper

122 100

105 131.4 113.8 153.8

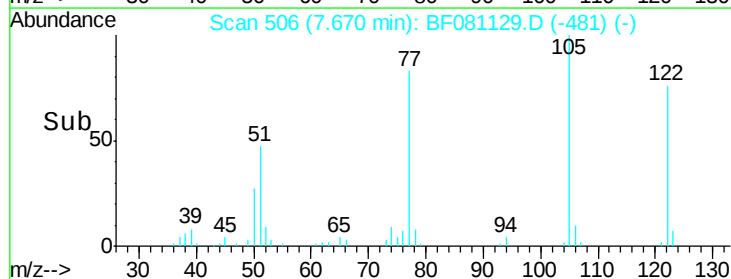
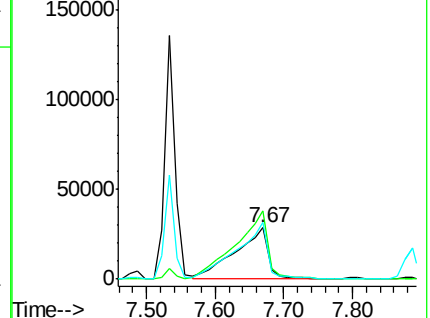
77 109.0 93.8 133.8

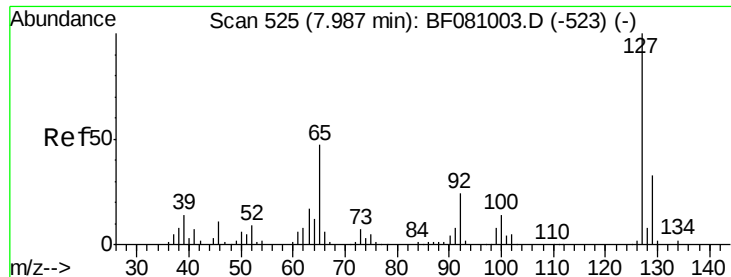


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

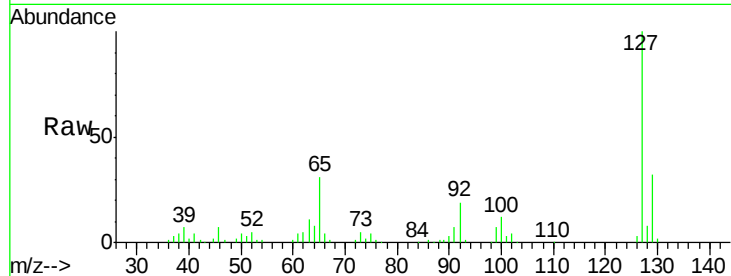




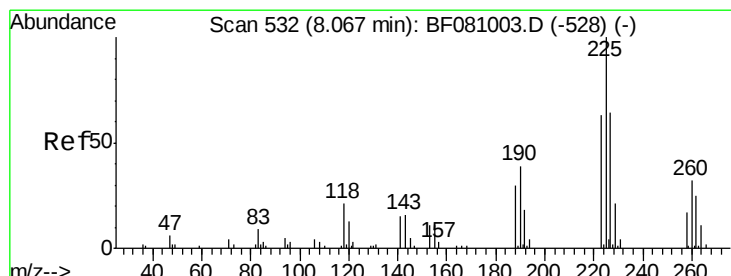
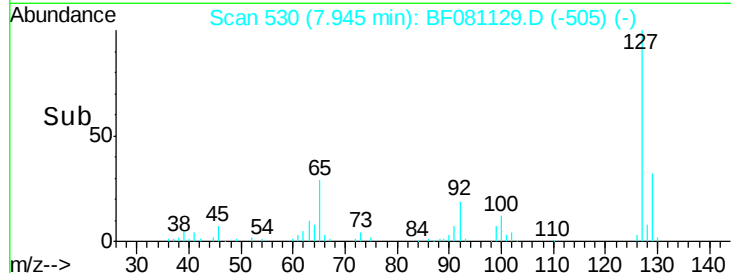
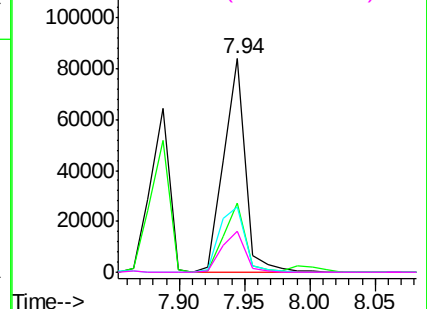
#33
4-Chloroaniline
Concen: 15.02 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Instrument :
BNA_F
ClientSampleId :
PB85099BSD

Tot Ion:	127	Resp:	97065
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.2	37.8
65	30.6	37.8	56.6#
92	19.3	19.5	29.3#

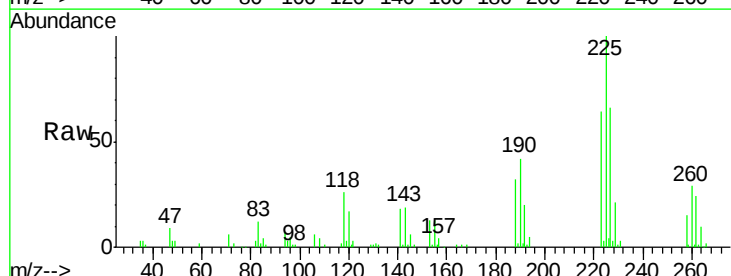


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

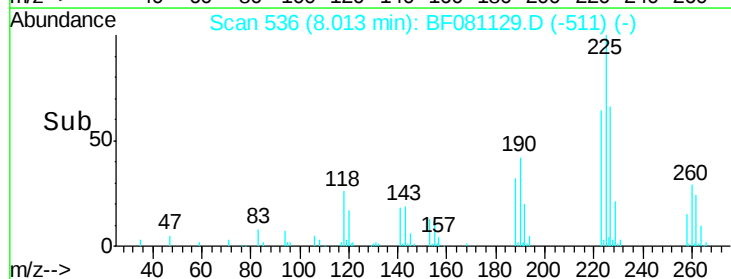
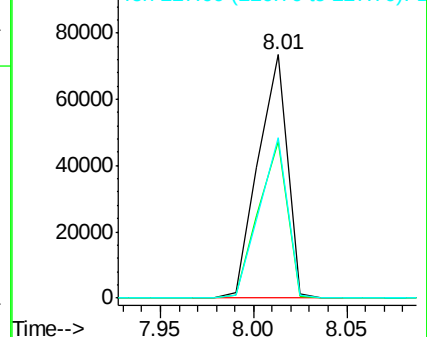


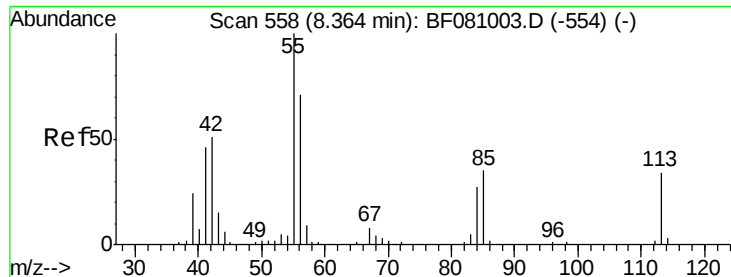
#34
Hexachlorobutadiene
Concen: 32.43 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion:	225	Resp:	79383
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.6	79.0
227	66.0	51.1	76.7



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: 25.96 ng

RT: 8.32 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

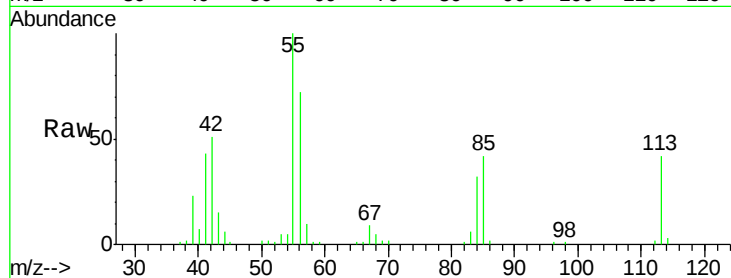
Tot Ion:113 Resp: 35337

Ion Ratio Lower Upper

113 100

55 236.1 280.4 320.4#

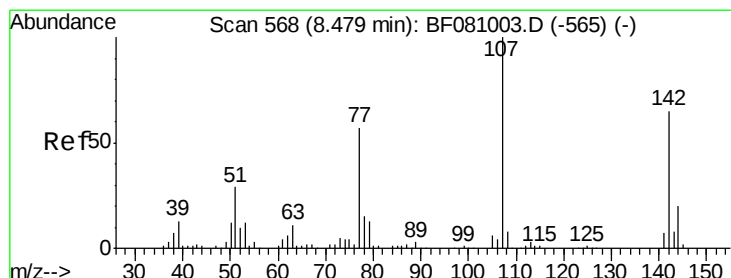
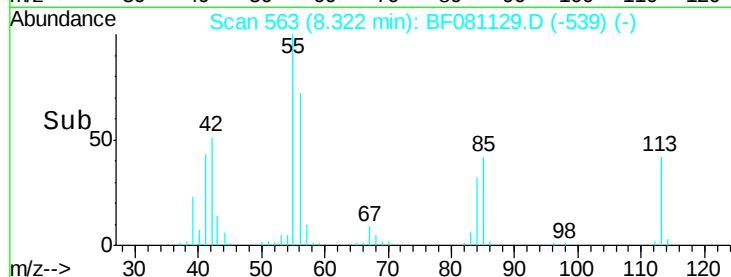
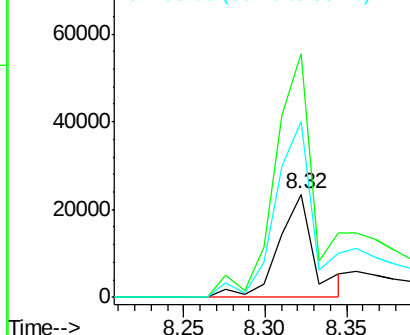
56 170.5 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.90 ng

RT: 8.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

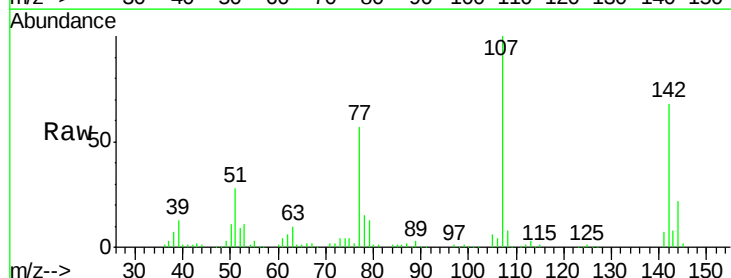
Tgt Ion:107 Resp: 157356

Ion Ratio Lower Upper

107 100

144 22.3 17.2 25.8

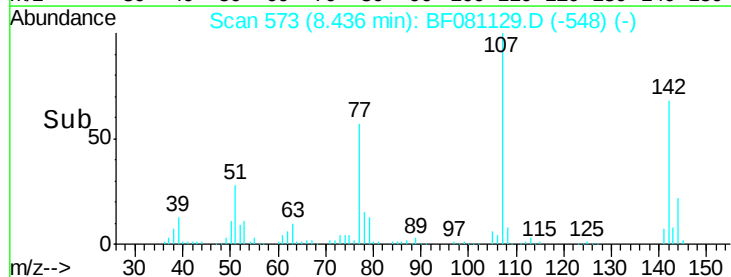
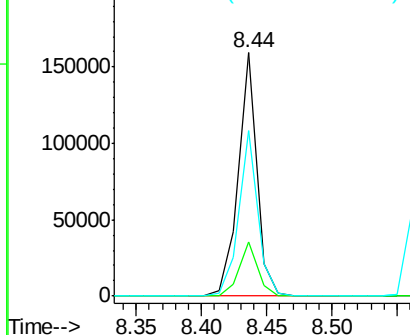
142 68.2 54.9 82.3

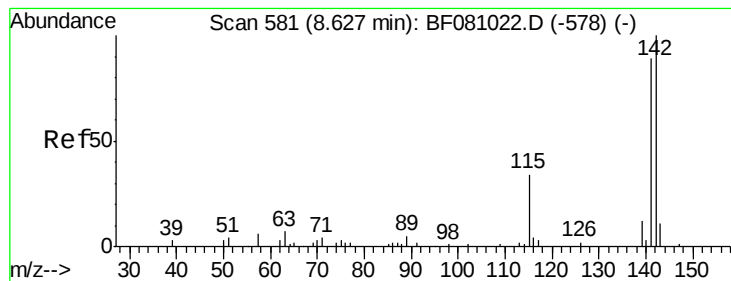


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

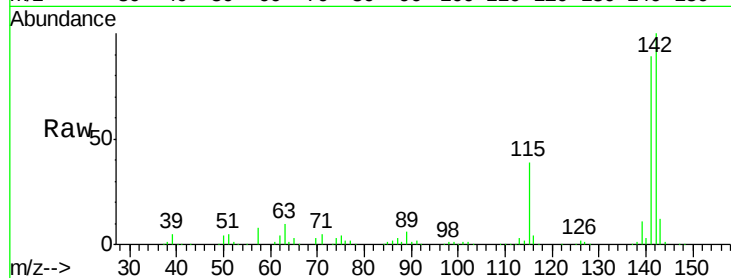




#37
 2-Methylnaphthalene
 Concen: 29.85 ng
 RT: 8.57 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2
115	39.4	33.4	50.0

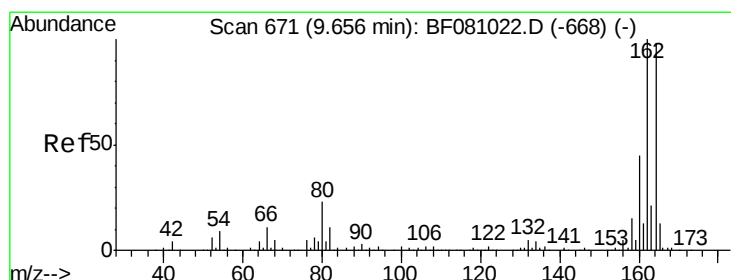
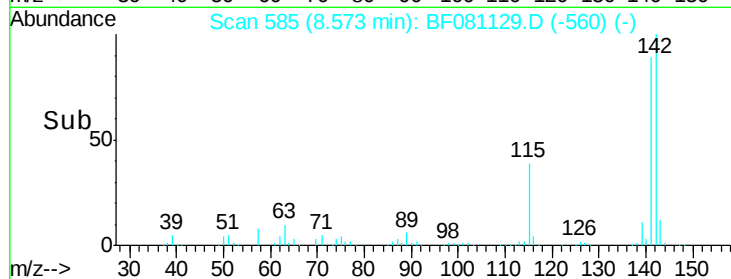
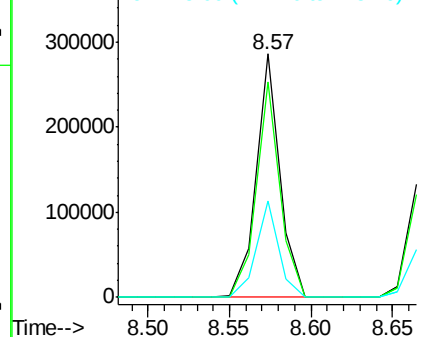


Abundance

Ion 142.00 (141.70 to 142.70): E

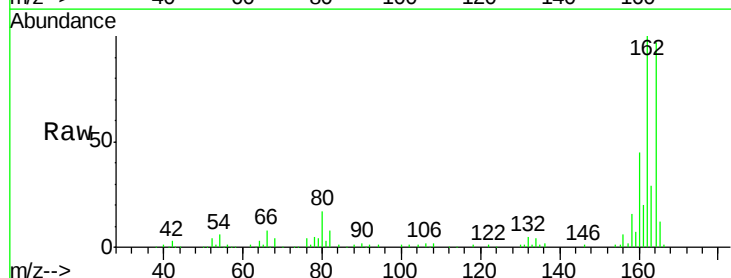
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.8	125.8
160	46.7	39.8	59.8

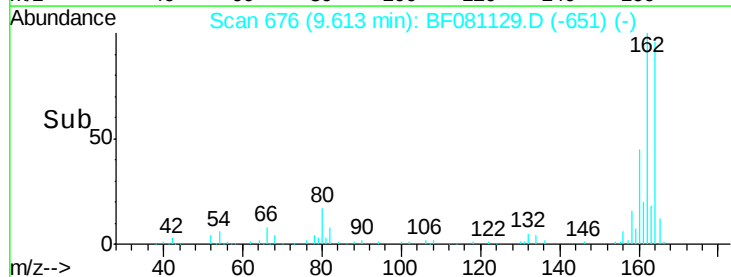
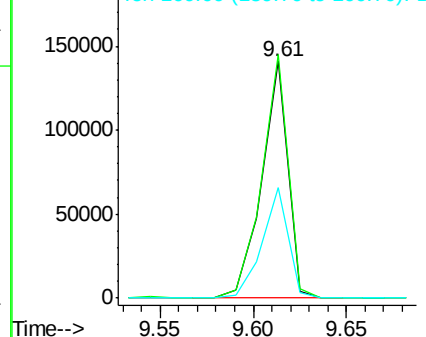


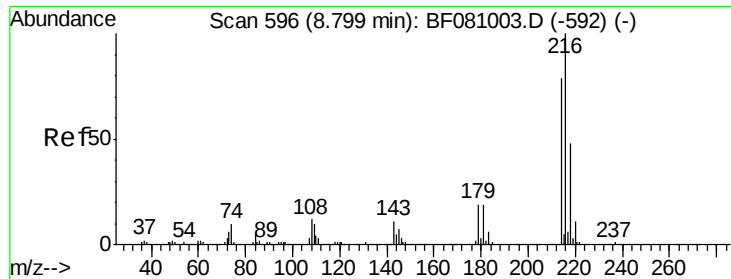
Abundance

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

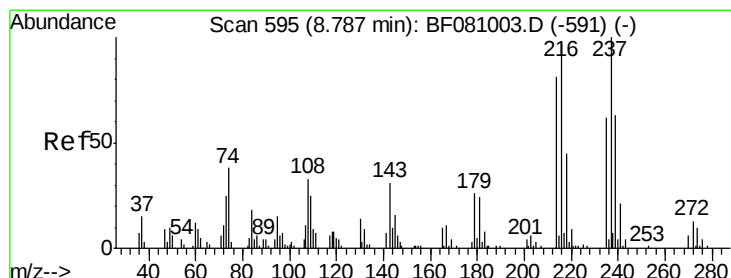
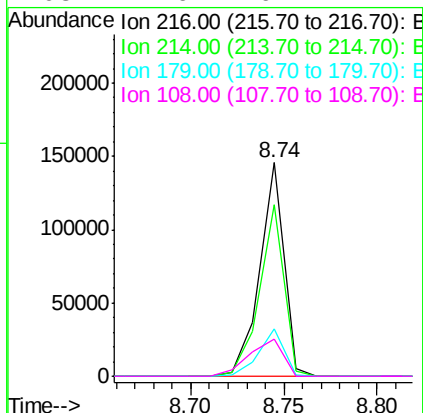
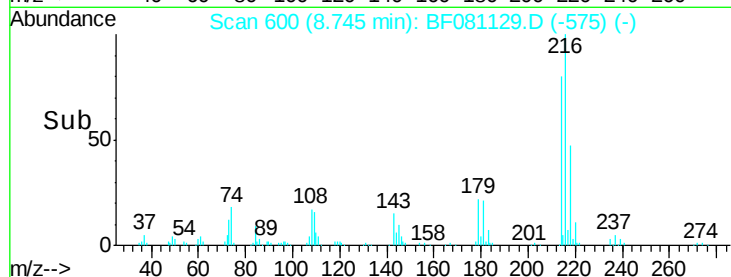
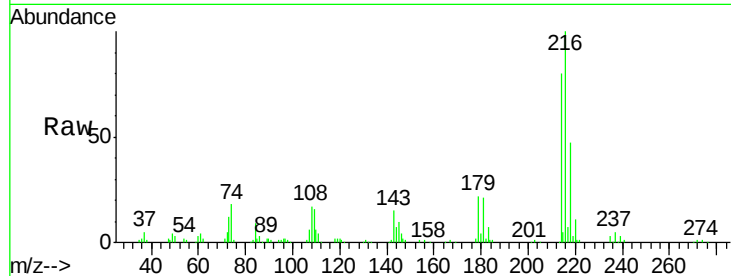




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.93 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

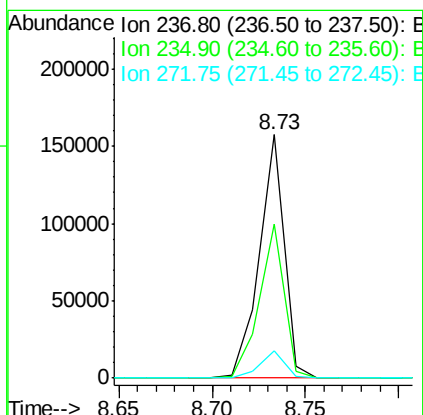
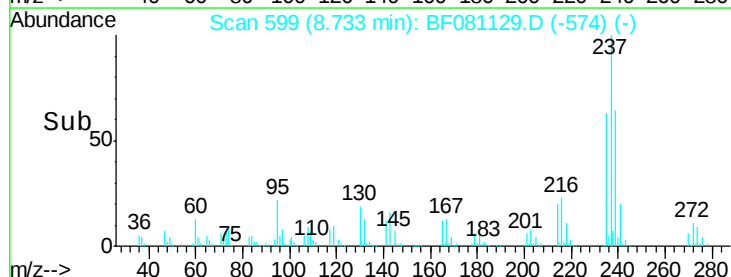
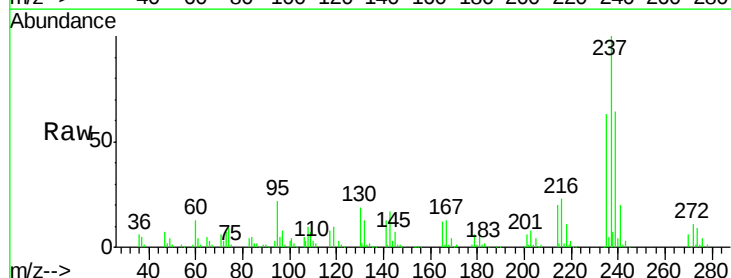
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

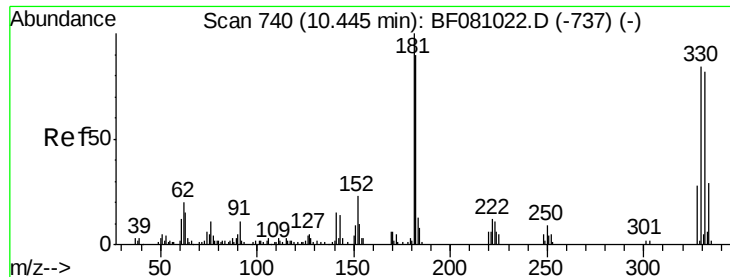
Tot Ion:216	Resp:	130228
Ion Ratio	Lower	Upper
216	100	
214	81.1	63.8 95.8
179	22.9	17.8 26.8
108	24.6	16.2 24.2#



#40
 Hexachlorocyclopentadiene
 Concen: 64.28 ng
 RT: 8.73 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:237	Resp:	144766
Ion Ratio	Lower	Upper
237	100	
235	63.4	43.6 83.6
272	11.1	0.0 32.2





#41

2,4,6-Tribromophenol

Concen: 58.61 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

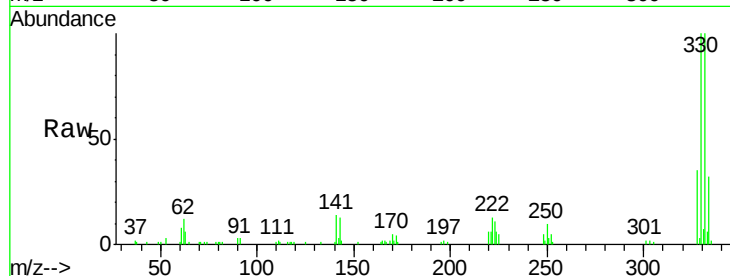
Tot Ion:330 Resp: 68514

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

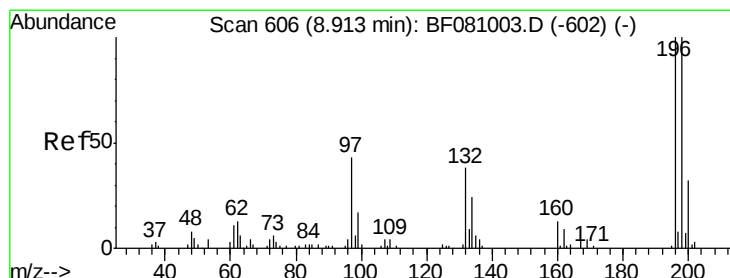
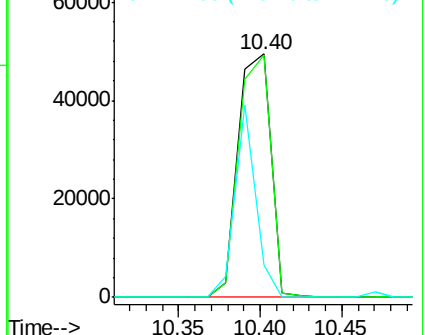
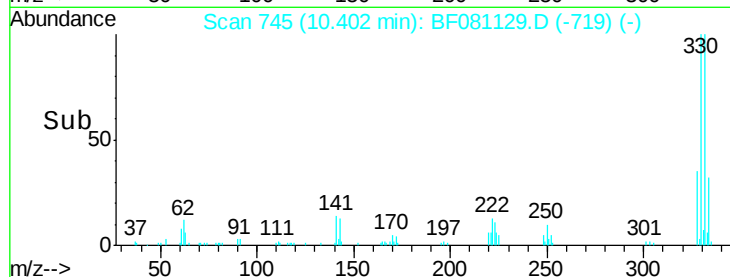
141 50.0 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 31.25 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

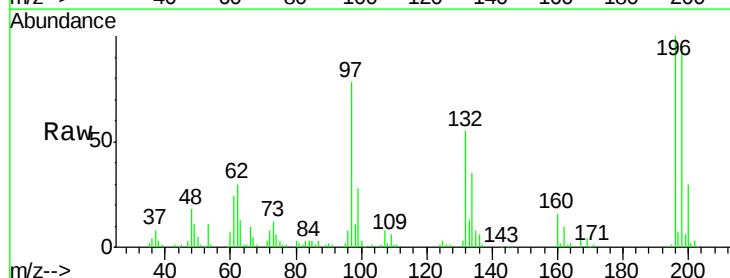
Tgt Ion:196 Resp: 96067

Ion Ratio Lower Upper

196 100

198 94.8 74.6 111.8

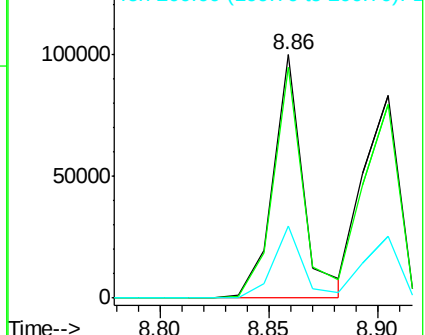
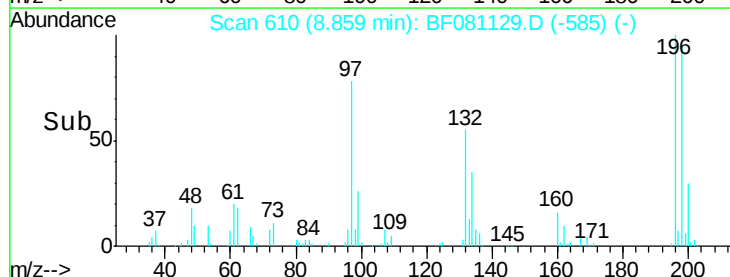
200 29.9 22.7 34.1

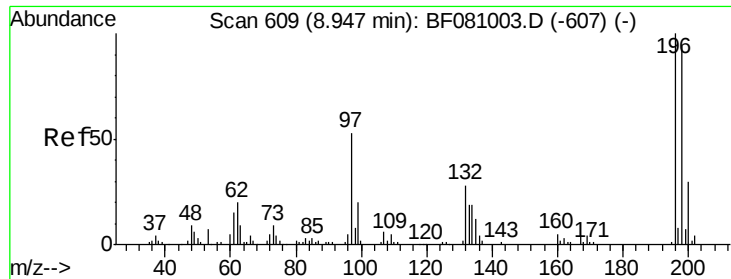


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

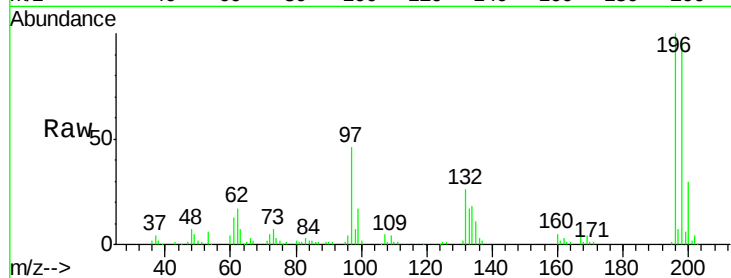




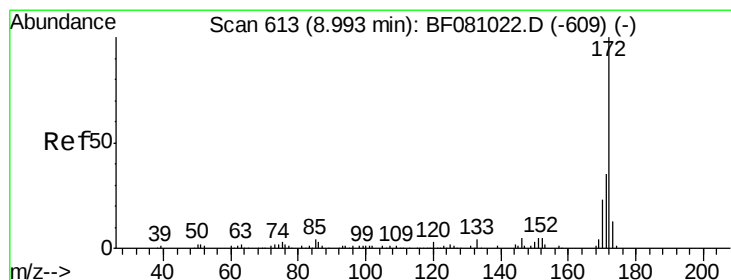
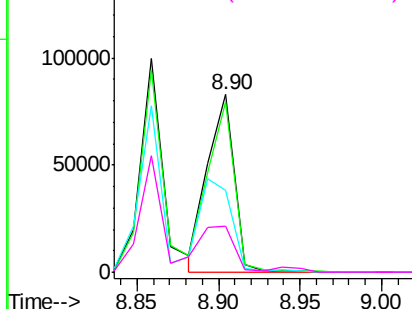
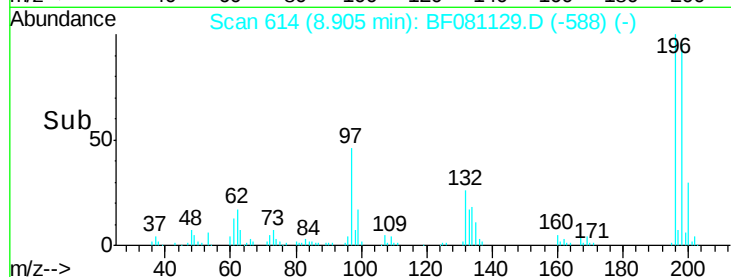
#43
 2,4,5-Trichlorophenol
 Concen: 31.03 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

Tot Ion:196 Resp: 95340
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.3 117.5
 97 46.2 42.7 64.1
 132 26.1 23.3 34.9

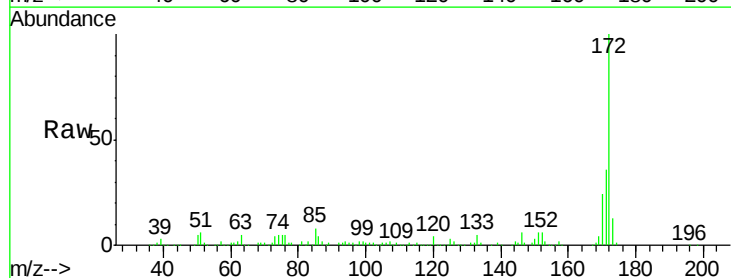


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

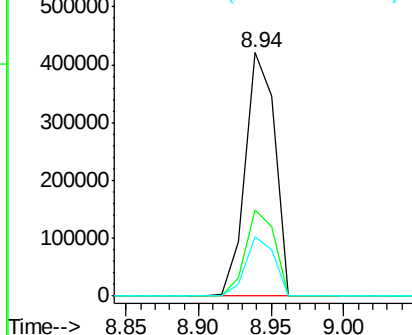
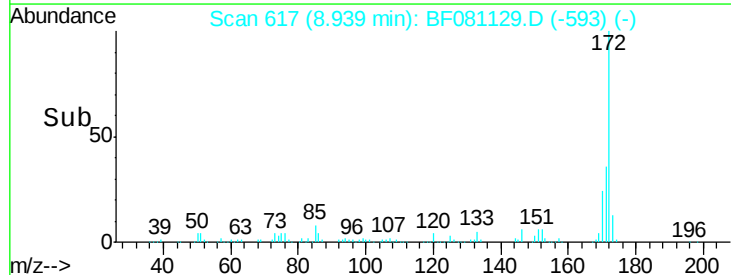


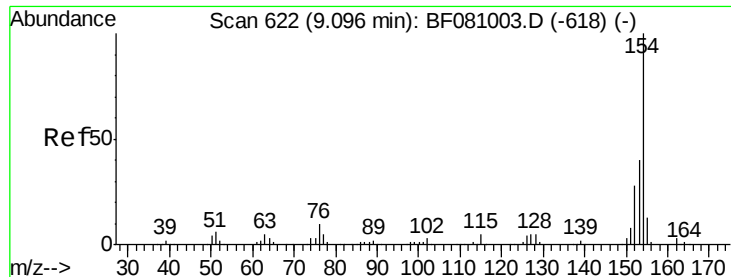
#44
 2-Fluorobiphenyl
 Concen: 57.48 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:172 Resp: 591630
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.2 19.4 29.2



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

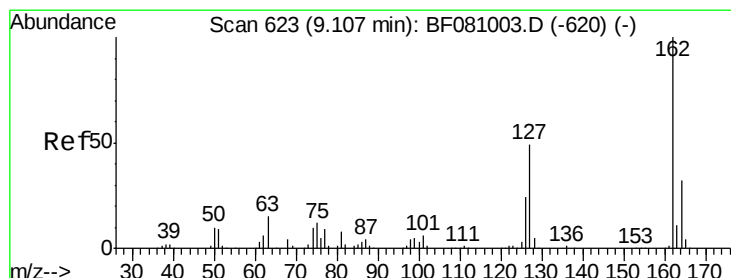
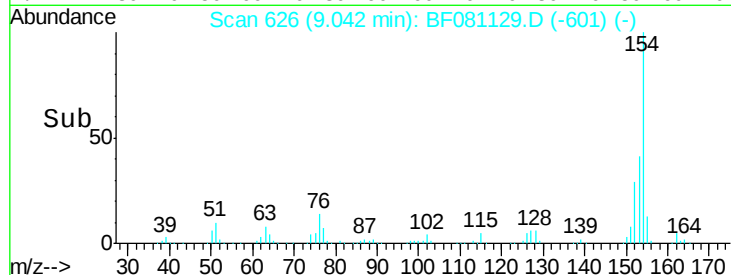
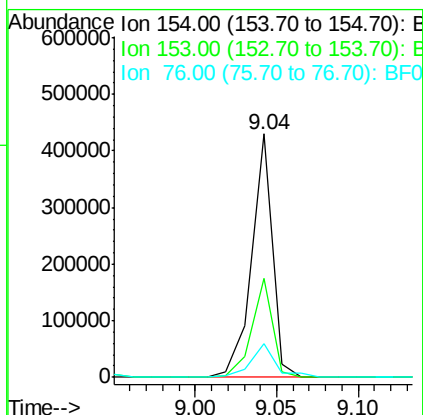
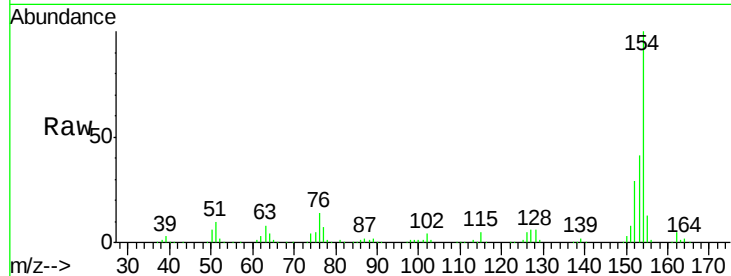




#45
 1,1'-Biphenyl
 Concen: 32.08 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

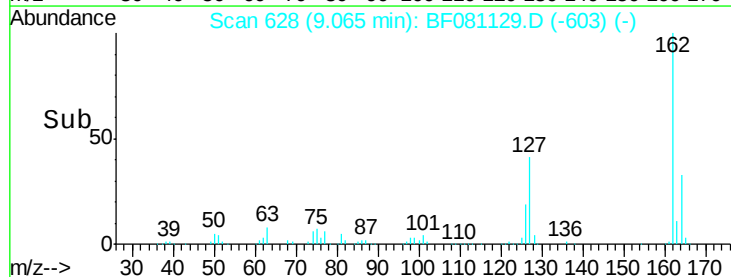
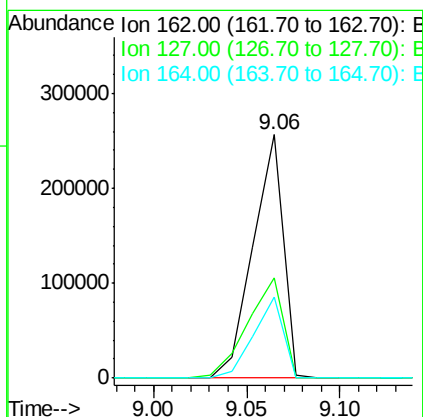
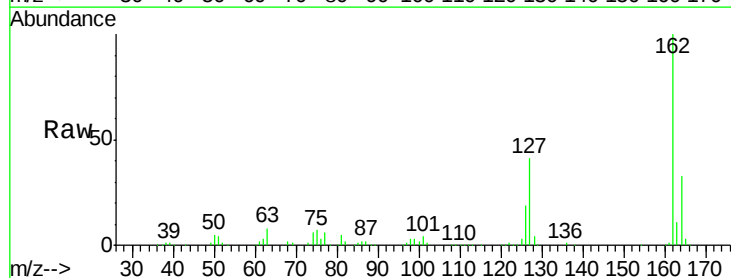
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

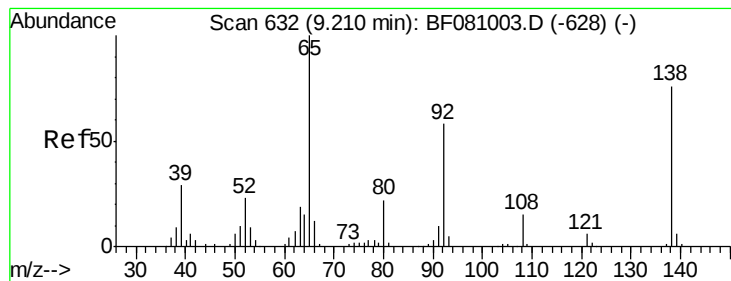
Tot Ion:154 Resp: 381084
 Ion Ratio Lower Upper
 154 100
 153 40.7 19.5 59.5
 76 13.7 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 30.14 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:162 Resp: 287592
 Ion Ratio Lower Upper
 162 100
 127 41.2 31.3 46.9
 164 33.2 26.3 39.5

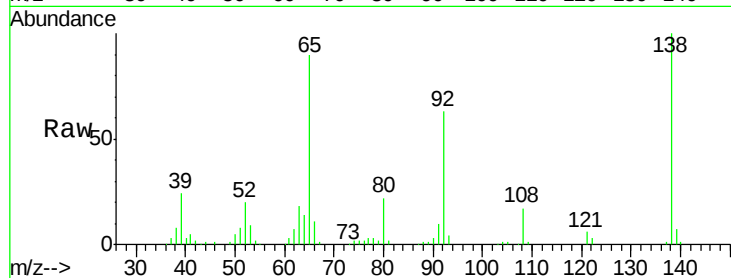




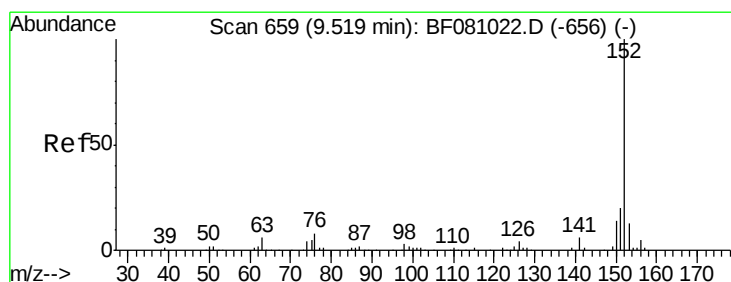
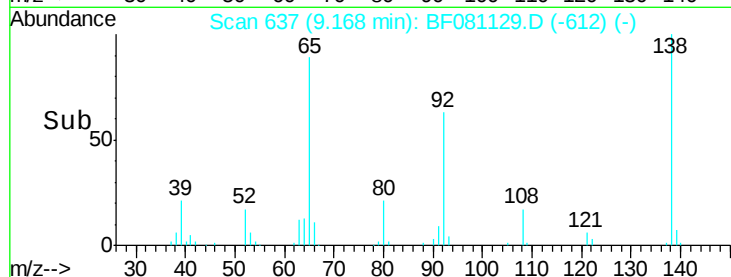
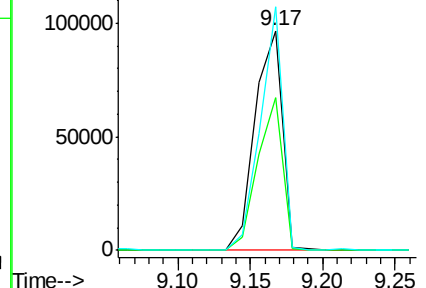
#47
 2-Nitroaniline
 Concen: 32.17 ng
 RT: 9.17 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

Tot Ion: 65 Resp: 125635
 Ion Ratio Lower Upper
 65 100
 92 69.7 45.6 68.4#
 138 110.9 57.9 86.9#

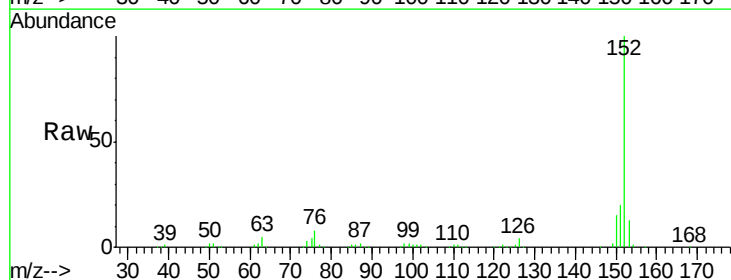


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

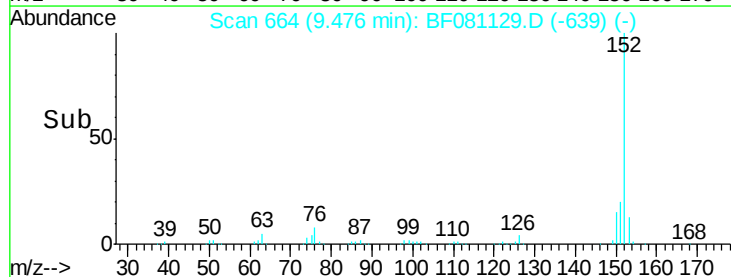
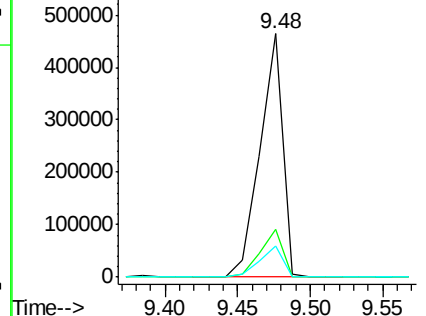


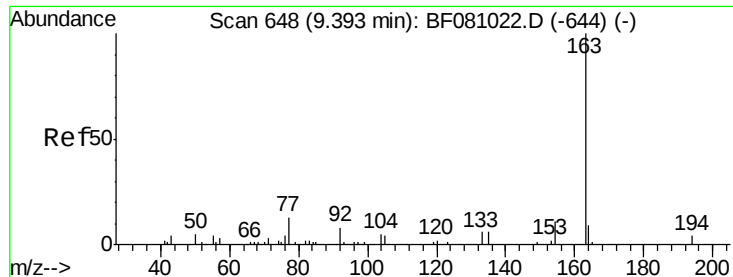
#48
 Acenaphthylene
 Concen: 29.53 ng
 RT: 9.48 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion: 152 Resp: 504145
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.1 24.1
 153 12.9 9.8 14.6



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

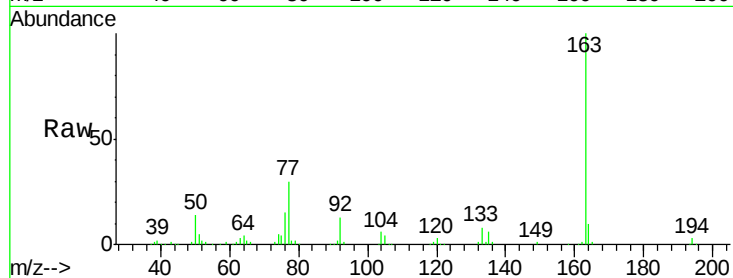




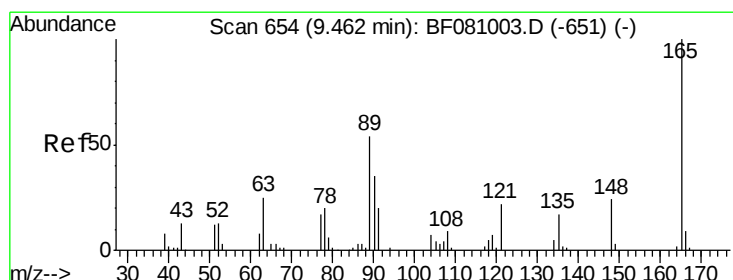
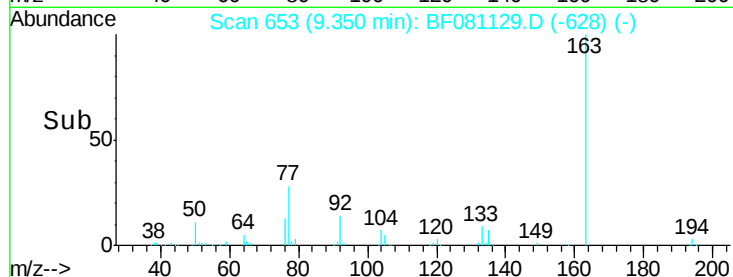
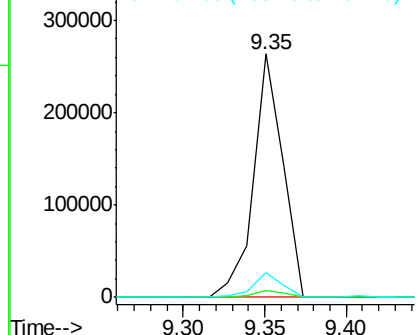
#49
Dimethylphthalate
Concen: 29.42 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Instrument :
BNA_F
ClientSampleId :
PB85099BSD

Tot Ion:163 Resp: 326771
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.2 8.1 12.1

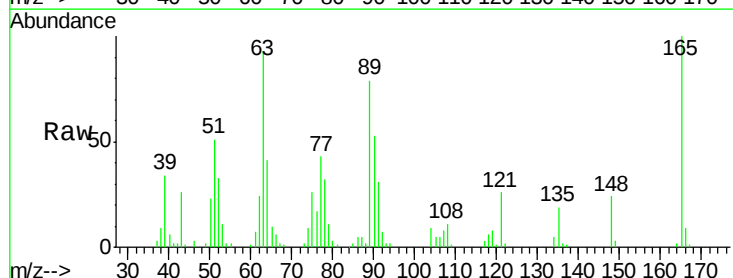


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

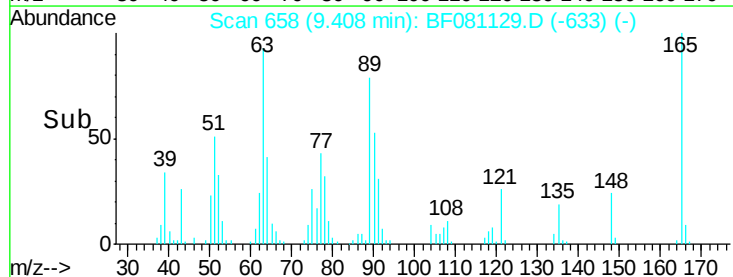
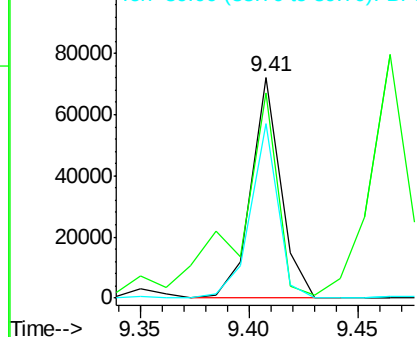


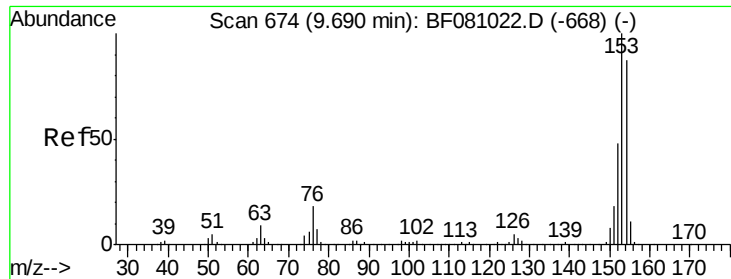
#50
2,6-Dinitrotoluene
Concen: 28.78 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion:165 Resp: 68632
Ion Ratio Lower Upper
165 100
63 92.7 49.5 74.3#
89 79.0 47.6 71.4#



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





#51

Acenaphthene

Concen: 29.29 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

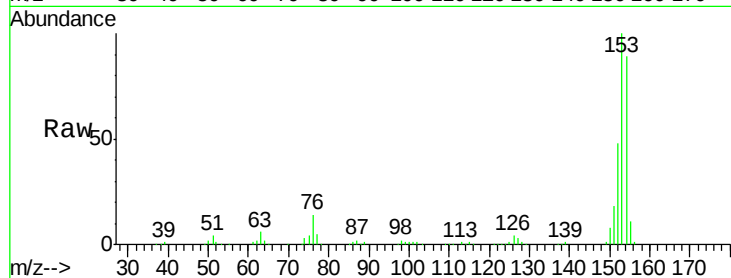
Tot Ion:154 Resp: 299327

Ion Ratio Lower Upper

154 100

153 112.5 91.4 137.2

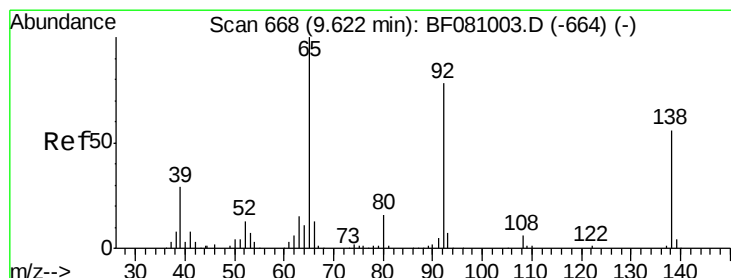
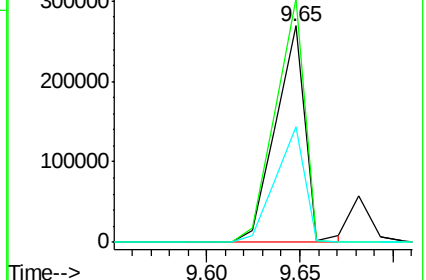
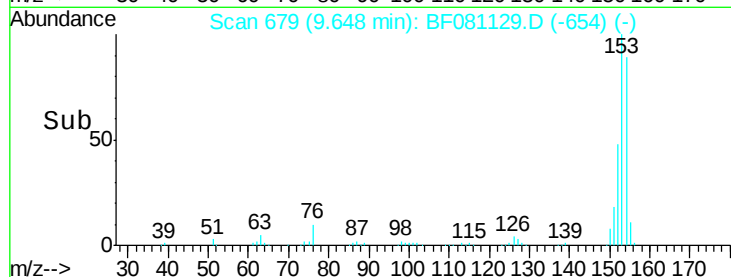
152 53.5 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.46 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

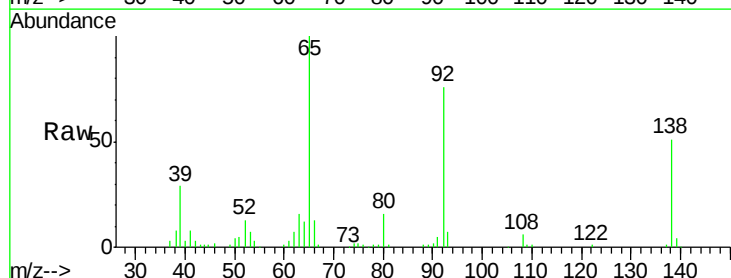
Tgt Ion:138 Resp: 52100

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.2

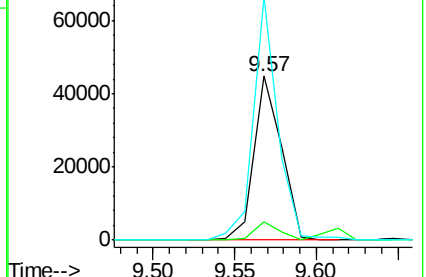
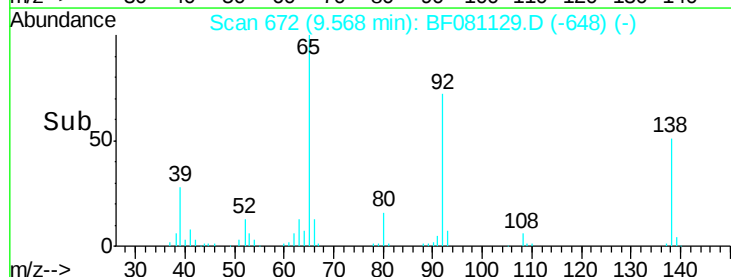
92 148.8 113.2 169.8

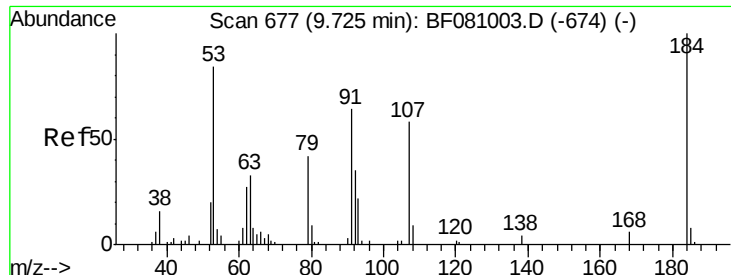


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

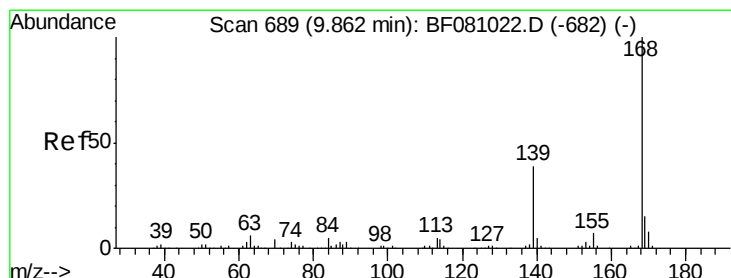
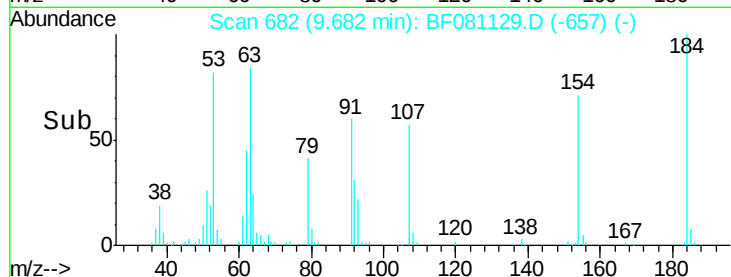
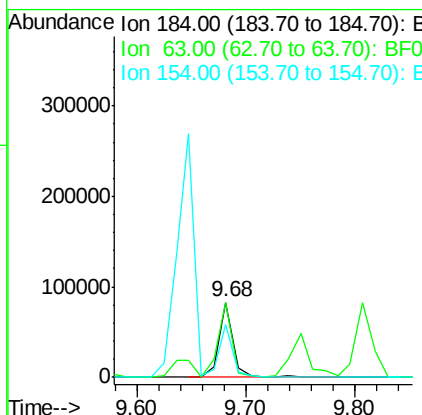
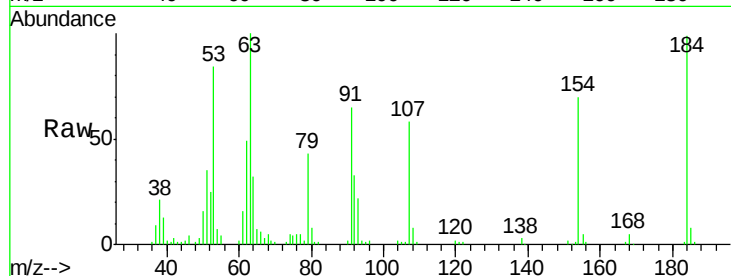




#53
 2,4-Dinitrophenol
 Concen: 60.81 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

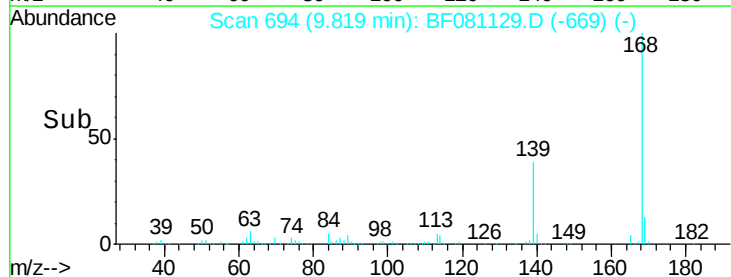
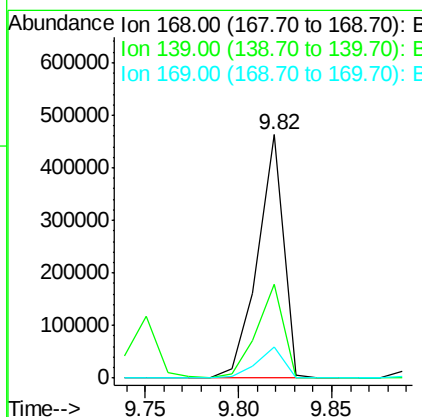
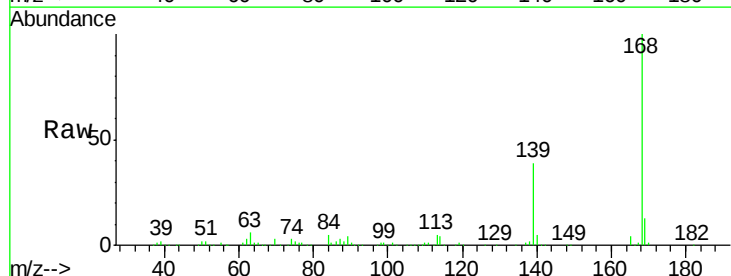
Instrument :
 BNA_F
 ClientSampleID :
 PB85099BSD

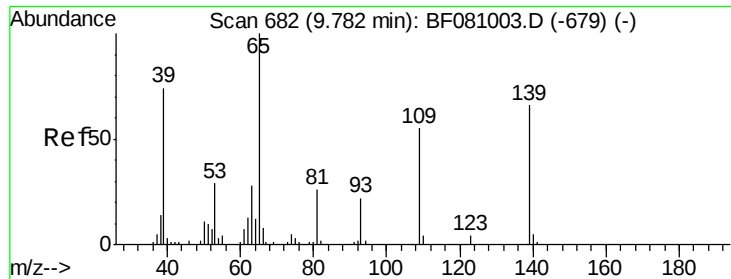
Tot Ion:184 Resp: 76241
 Ion Ratio Lower Upper
 184 100
 63 100.6 101.7 152.5#
 154 70.7 67.4 101.0



#54
 Dibenzofuran
 Concen: 32.41 ng
 RT: 9.82 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:168 Resp: 443809
 Ion Ratio Lower Upper
 168 100
 139 38.6 29.3 43.9
 169 12.9 10.3 15.5

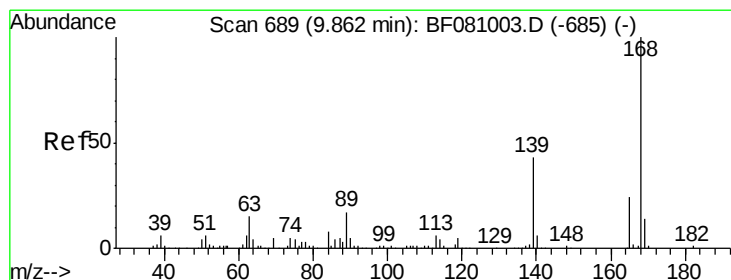
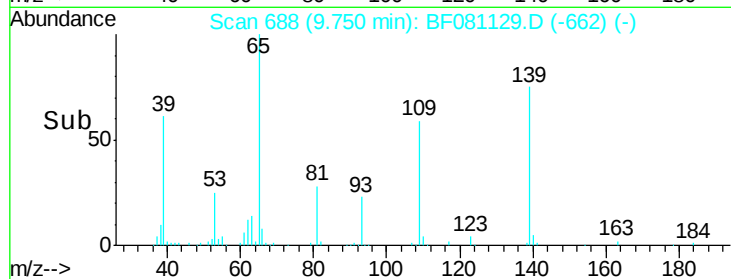
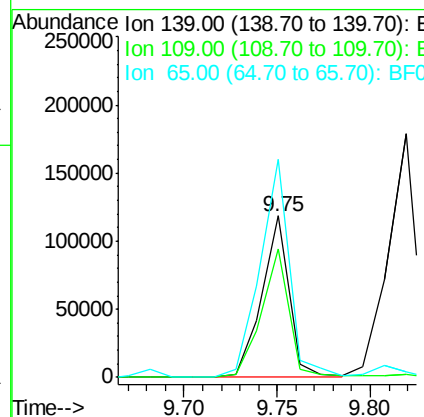
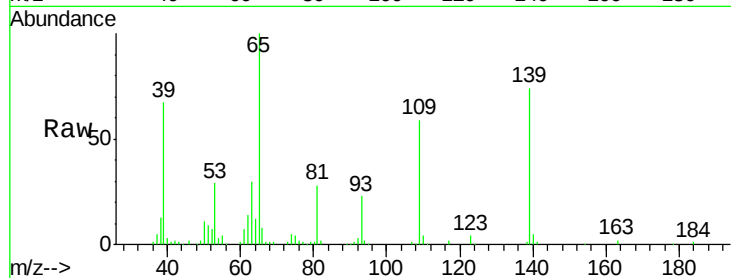




#55
4-Nitrophenol
Concen: 57.38 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

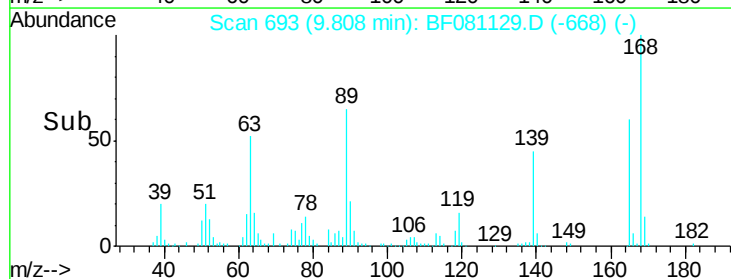
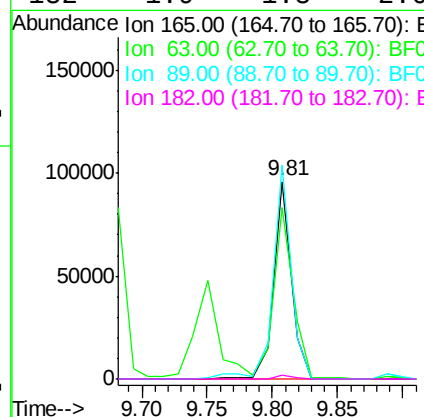
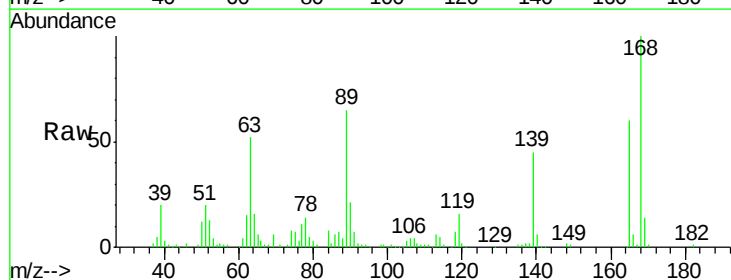
Instrument :
BNA_F
ClientSampleId :
PB85099BSD

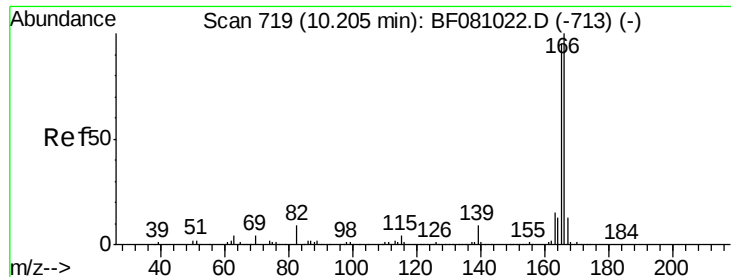
Tot Ion:139 Resp: 120273
Ion Ratio Lower Upper
139 100
109 79.1 80.0 120.0#
65 134.6 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 28.84 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion:165 Resp: 91159
Ion Ratio Lower Upper
165 100
63 86.8 52.2 78.4#
89 108.3 60.1 90.1#
182 1.9 1.8 2.6





#57

Fluorene

Concen: 29.67 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

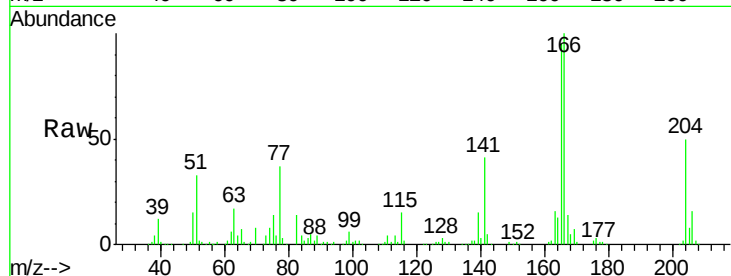
Tot Ion:166 Resp: 312616

Ion Ratio Lower Upper

166 100

165 95.2 75.8 113.8

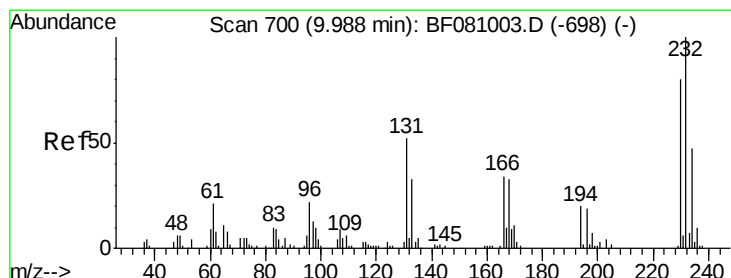
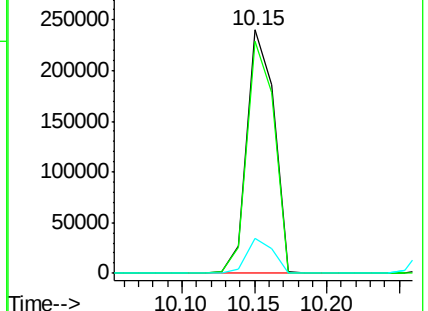
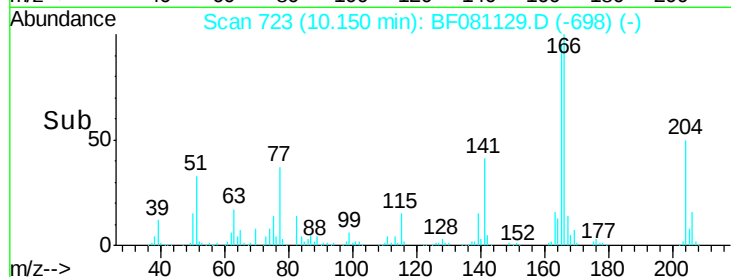
167 14.4 11.3 16.9



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: 35.00 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Tgt Ion:232 Resp: 83235

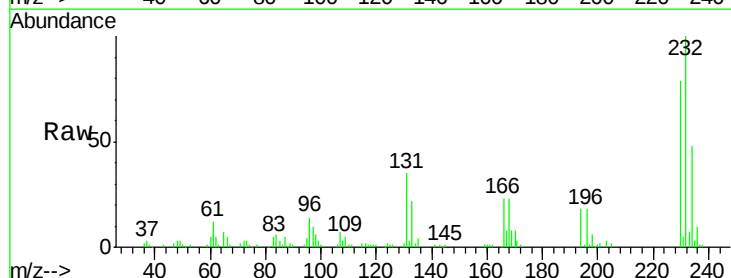
Ion Ratio Lower Upper

232 100

131 45.8 42.2 63.4

130 2.4 2.1 3.1

166 25.8 22.4 33.6

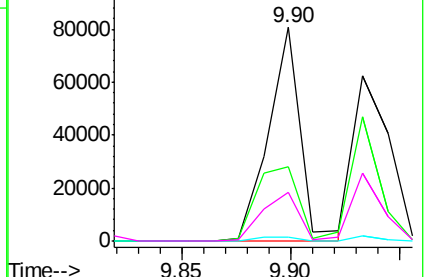
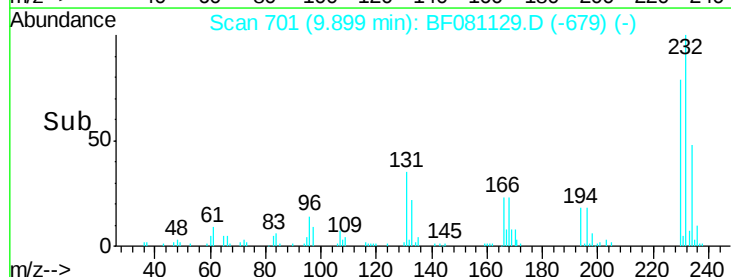


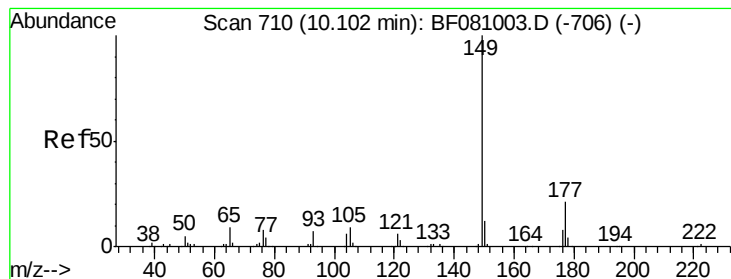
Abundance Ion 232.00 (231.70 to 232.70): E

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: 30.21 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

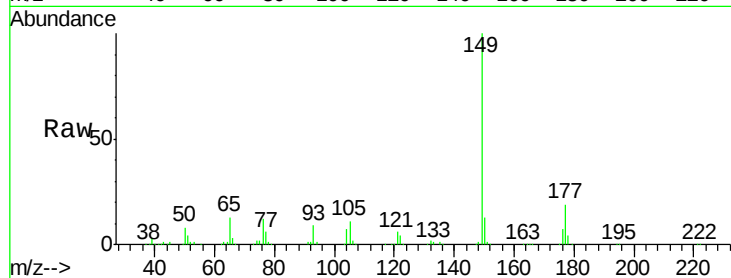
Tot Ion:149 Resp: 355097

Ion Ratio Lower Upper

149 100

177 18.8 14.1 21.1

150 12.7 10.3 15.5

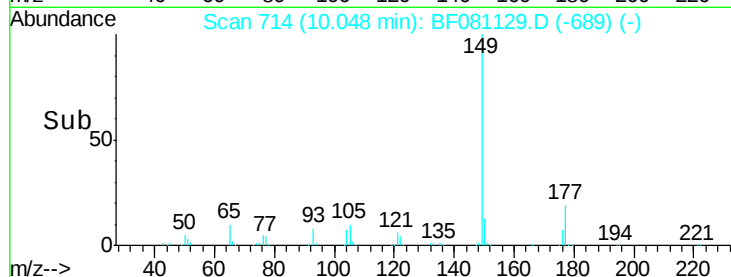


Abundance Ion 149.00 (148.70 to 149.70): E

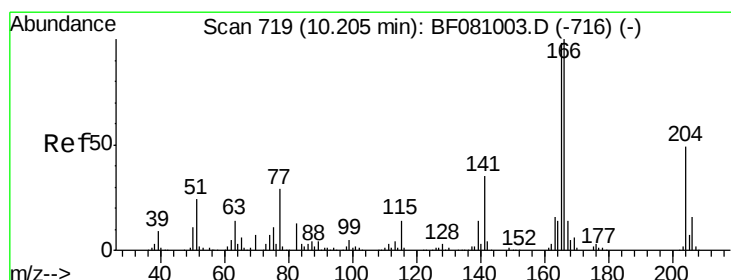
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.05



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 30.96 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

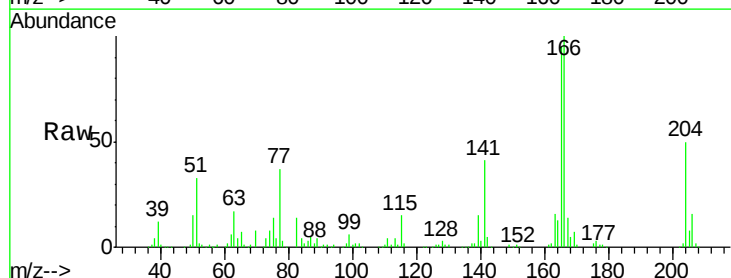
Tgt Ion:204 Resp: 138022

Ion Ratio Lower Upper

204 100

206 31.6 26.2 39.2

141 82.0 59.6 89.4

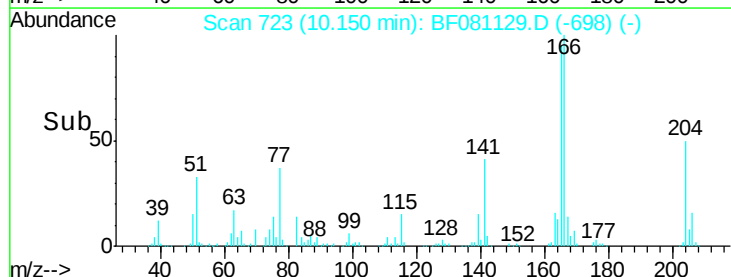


Abundance Ion 204.00 (203.70 to 204.70): E

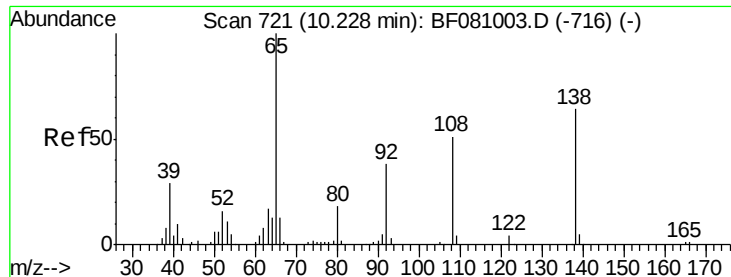
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.15



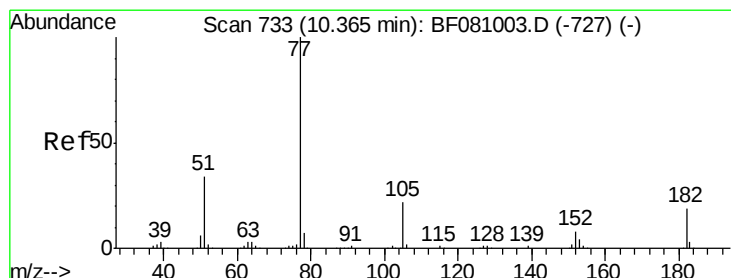
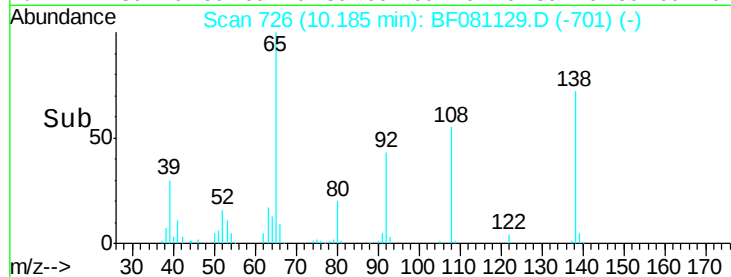
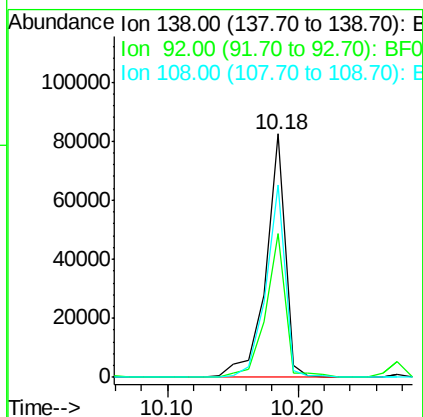
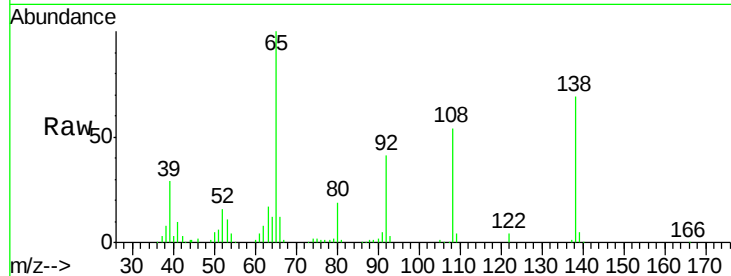
Time-->



#61
4-Nitroaniline
Concen: 28.17 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

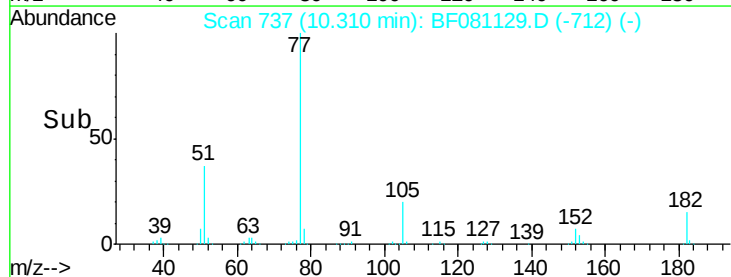
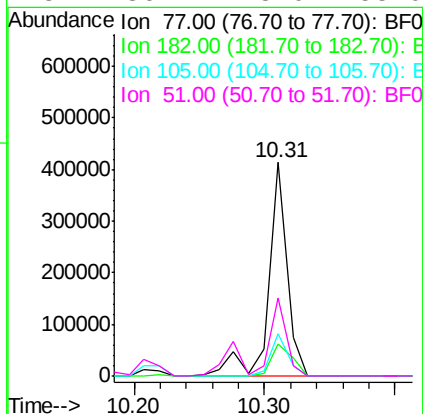
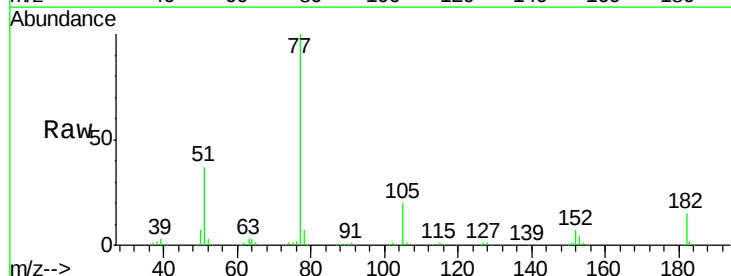
Instrument :
BNA_F
ClientSampleId :
PB85099BSD

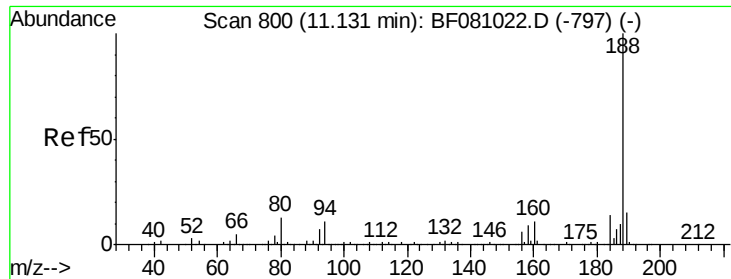
Tot Ion:138 Resp: 85908
Ion Ratio Lower Upper
138 100
92 59.3 34.7 74.7
108 79.3 68.9 108.9



#62
Azobenzene
Concen: 30.59 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion: 77 Resp: 414343
Ion Ratio Lower Upper
77 100
182 15.2 0.0 39.0
105 19.8 0.2 40.2
51 36.7 18.0 58.0

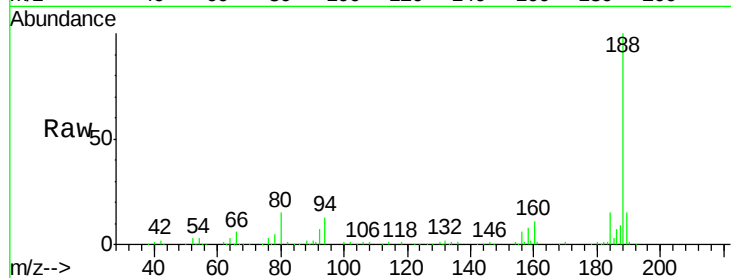




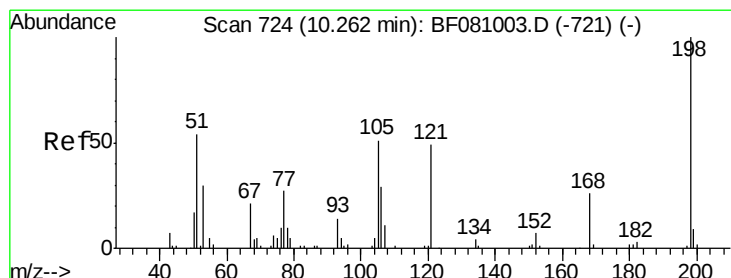
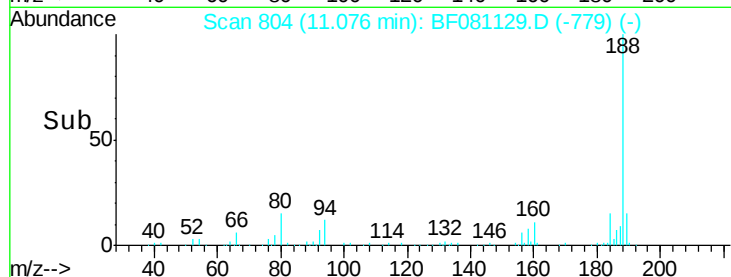
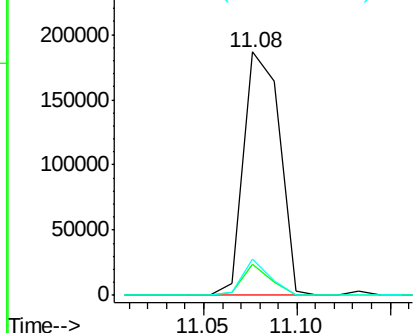
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

Tot Ion:188 Resp: 249415
 Ion Ratio Lower Upper
 188 100
 94 12.5 8.2 12.2#
 80 14.7 9.5 14.3#

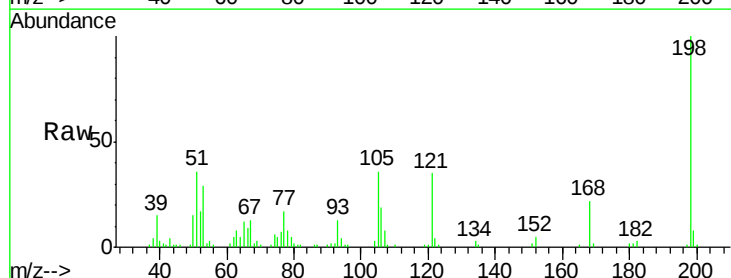


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

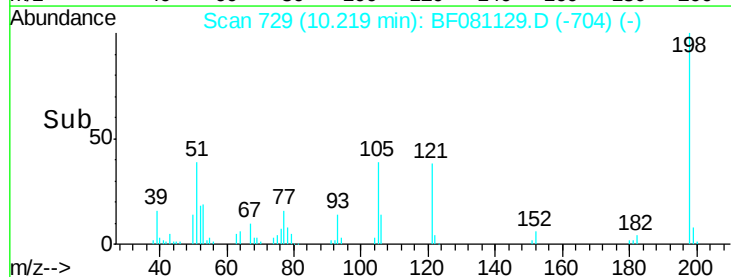
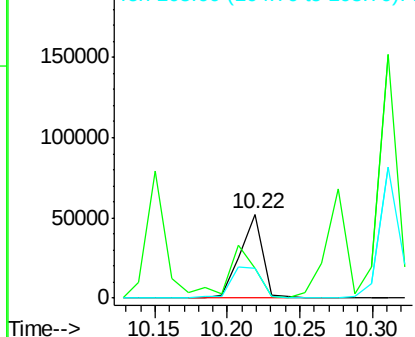


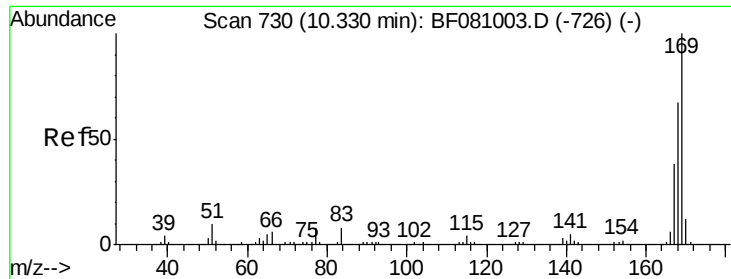
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.73 ng
 RT: 10.22 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:198 Resp: 56205
 Ion Ratio Lower Upper
 198 100
 51 36.0 79.7 119.7#
 105 36.1 47.0 87.0#



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

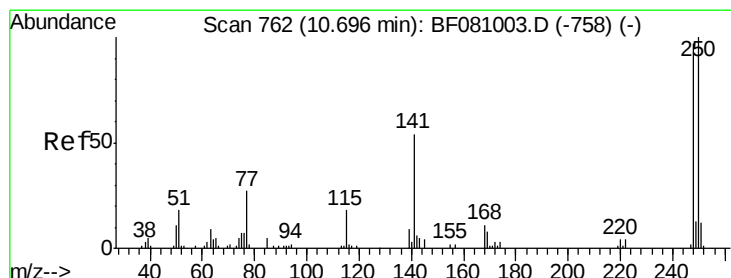
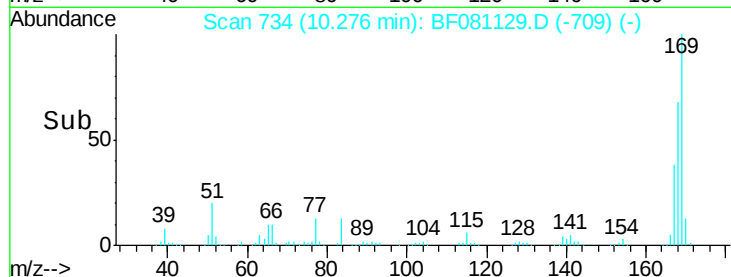
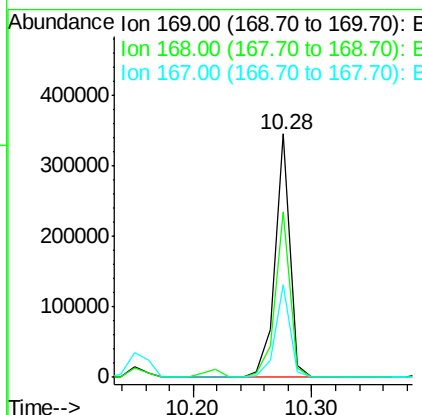
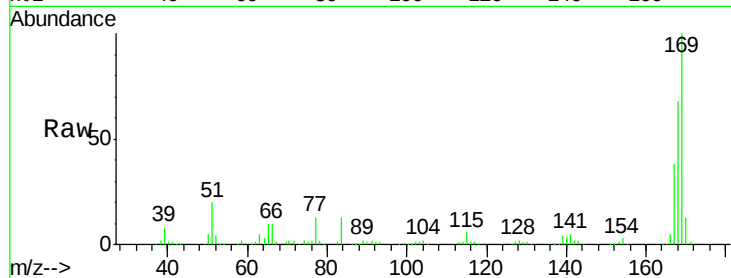




#65
 n-Nitrosodiphenylamine
 Concen: 33.81 ng
 RT: 10.28 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

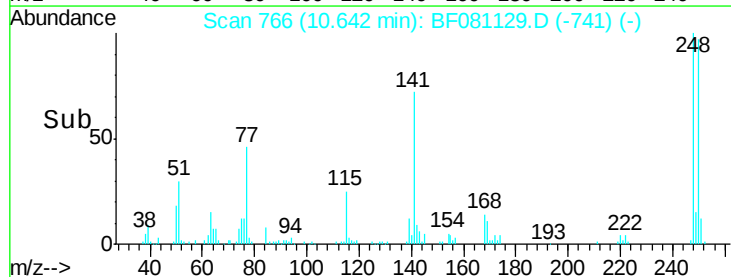
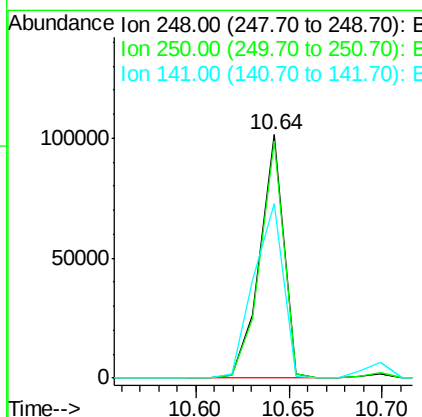
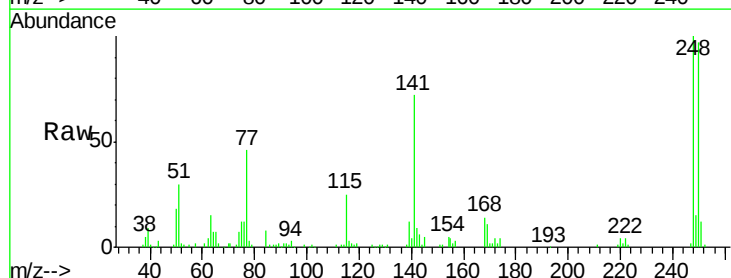
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

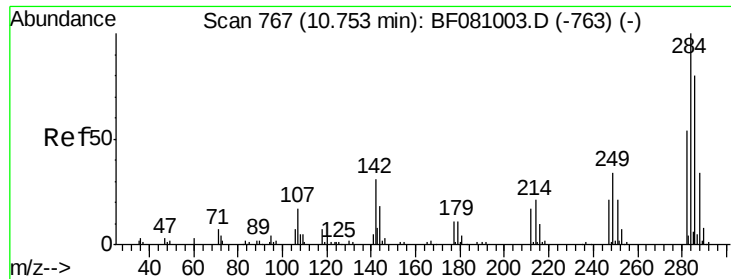
Tot Ion:169 Resp: 301026
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.3 82.9
 167 38.0 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 36.67 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:248 Resp: 89852
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.8 116.6
 141 71.9 39.8 59.6#





#67

Hexachlorobenzene

Concen: 34.88 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

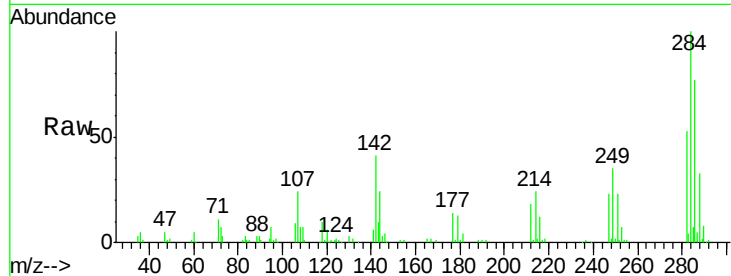
Tot Ion:284 Resp: 86545

Ion Ratio Lower Upper

284 100

142 40.9 25.4 38.0#

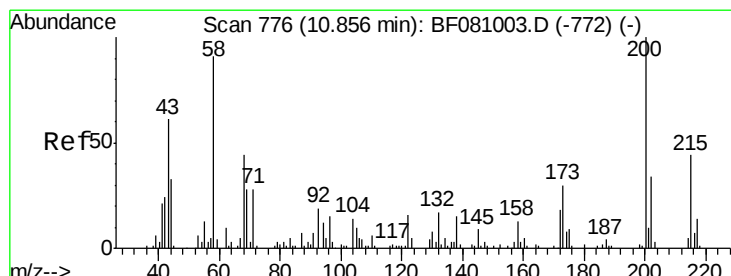
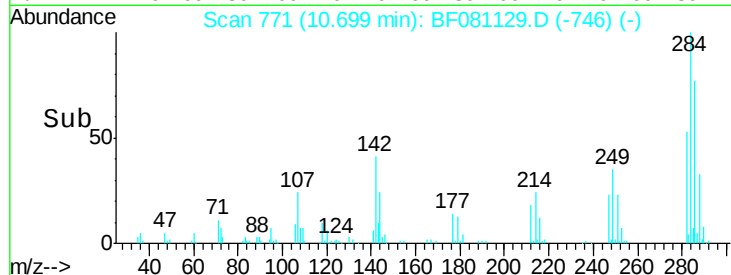
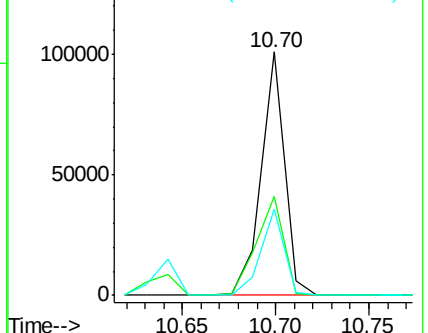
249 35.3 28.5 42.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.41 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

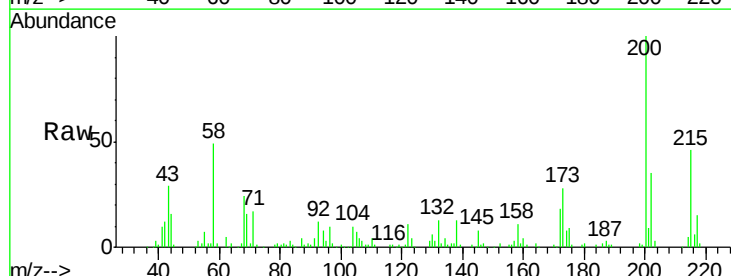
Tgt Ion:200 Resp: 105207

Ion Ratio Lower Upper

200 100

173 27.5 8.1 48.1

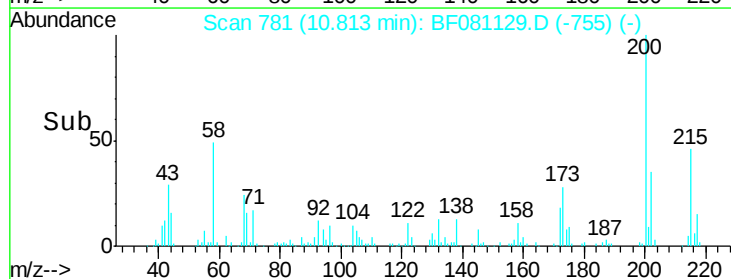
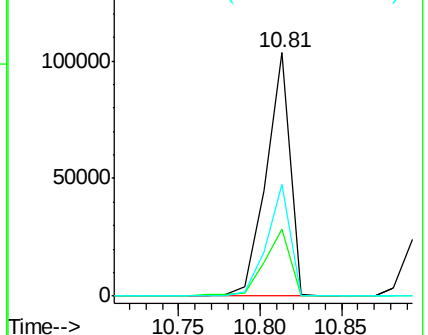
215 45.9 23.3 63.3

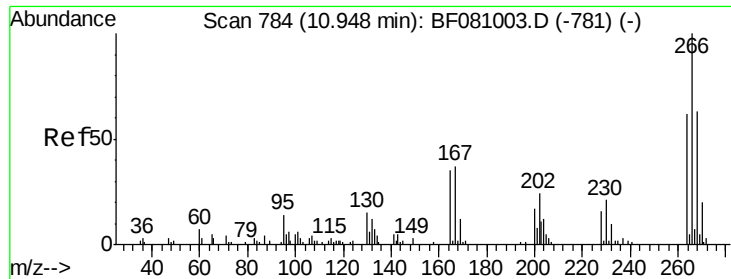


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

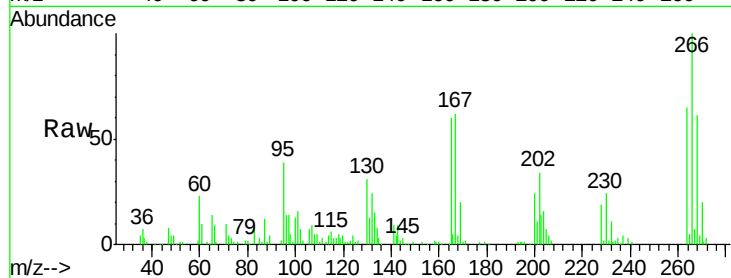




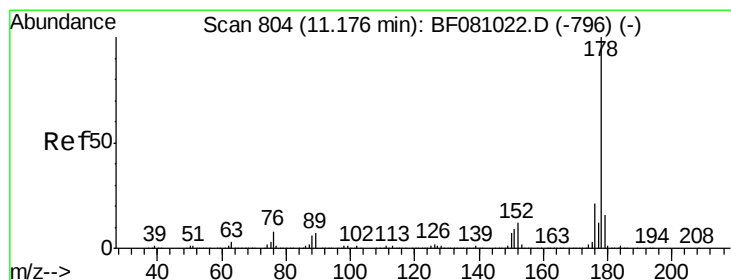
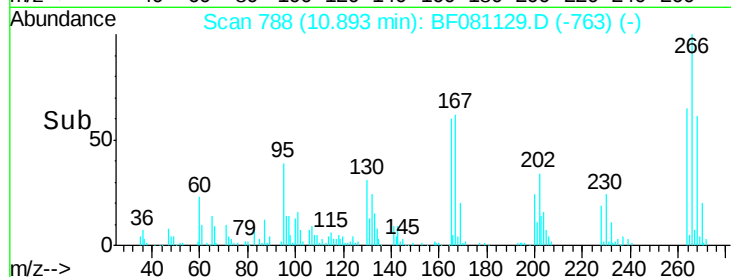
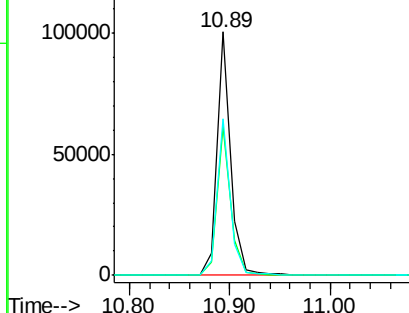
#69
 Pentachlorophenol
 Concen: 63.40 ng
 RT: 10.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.2	76.8
264	64.5	50.6	75.8

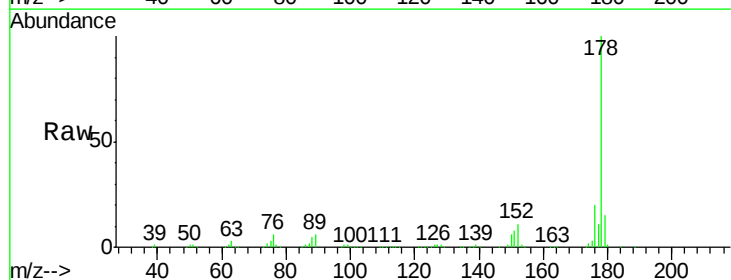


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

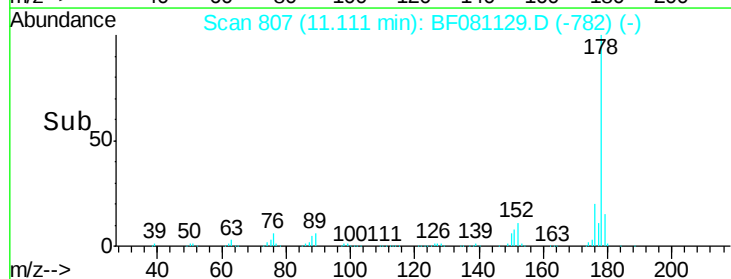
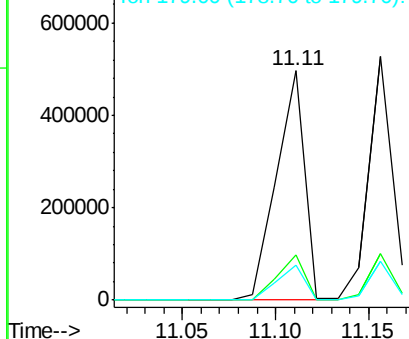


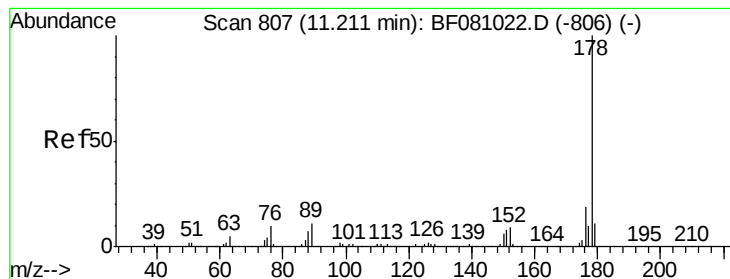
#70
 Phenanthrene
 Concen: 35.19 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.1	12.2	18.2



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





#71

Anthracene

Concen: 32.19 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

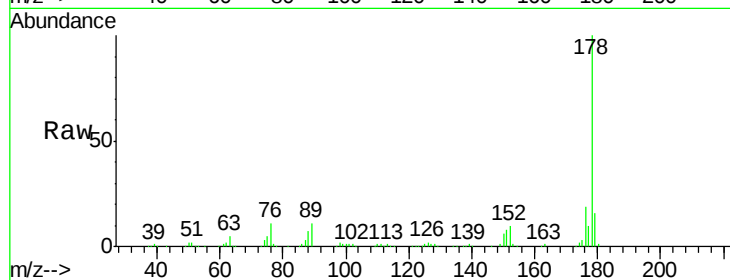
BNA_F

ClientSampleId :

PB85099BSD

Tot Ion:178 Resp: 462982

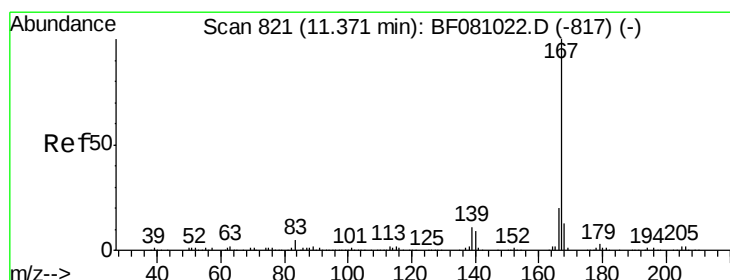
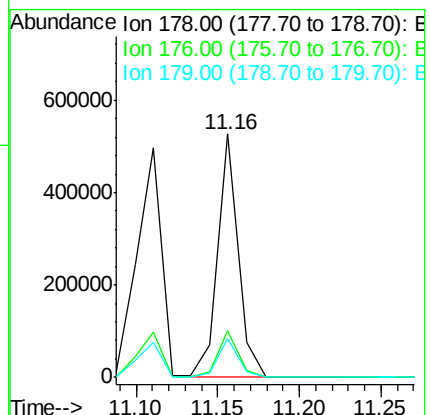
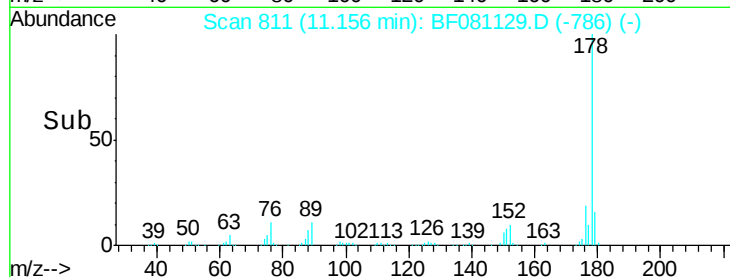
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.8	12.7	19.1



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: 34.28 ng

RT: 11.32 min Scan# 825

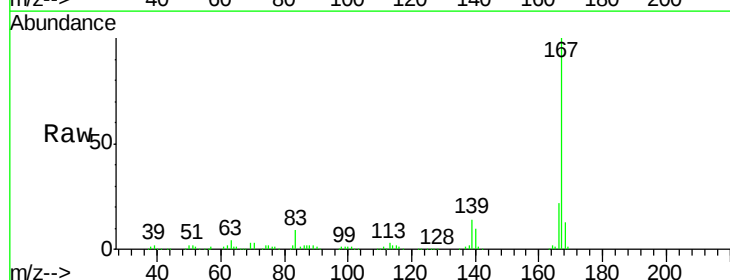
Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Tgt Ion:167 Resp: 474695

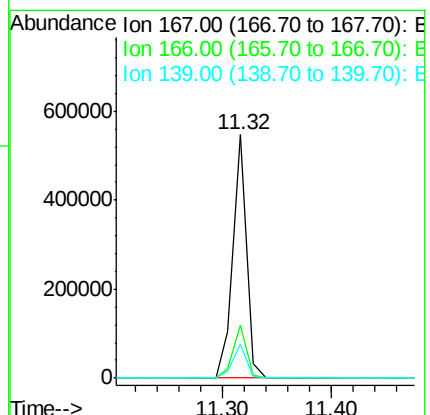
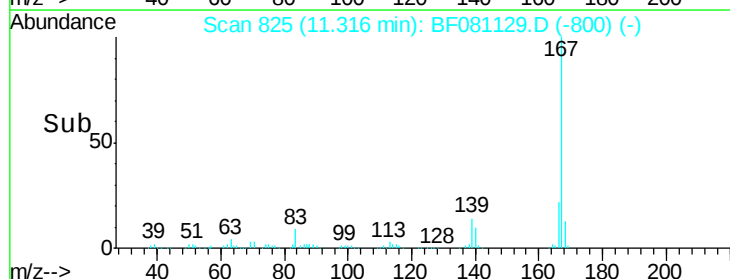
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	14.1	10.6	16.0

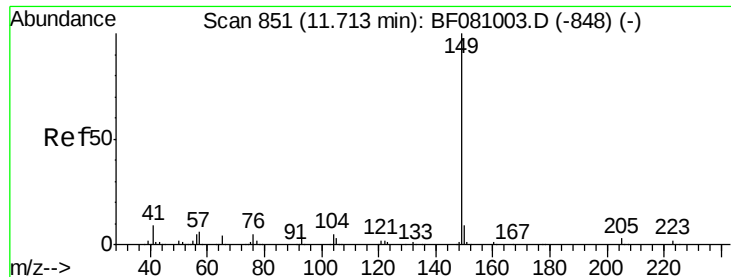


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.98 ng

RT: 11.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

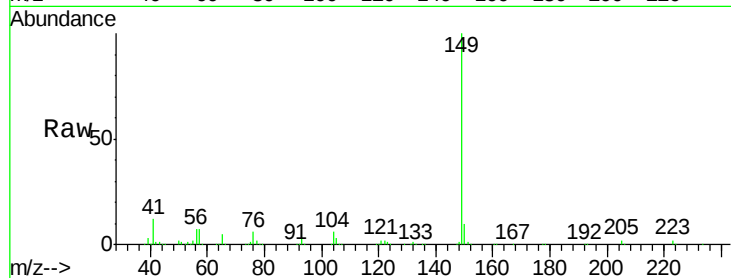
Tot Ion:149 Resp: 569388

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

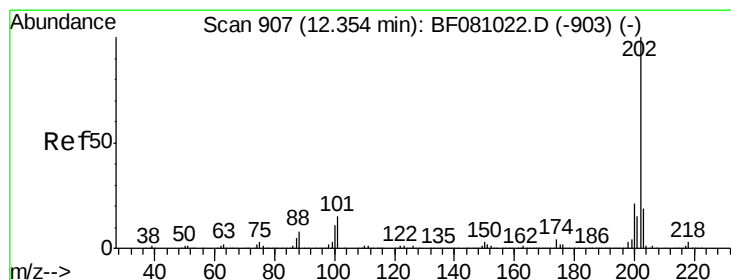
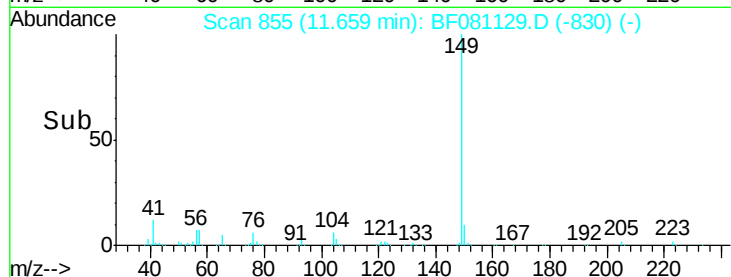
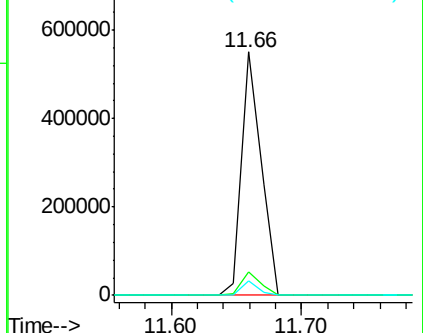
104 5.8 3.9 5.9



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: 35.16 ng

RT: 12.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

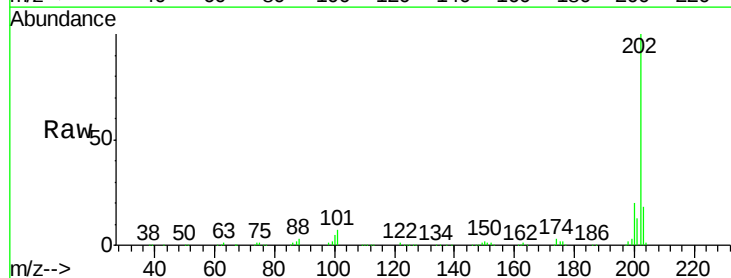
Tgt Ion:202 Resp: 560847

Ion Ratio Lower Upper

202 100

101 6.7 0.0 24.8

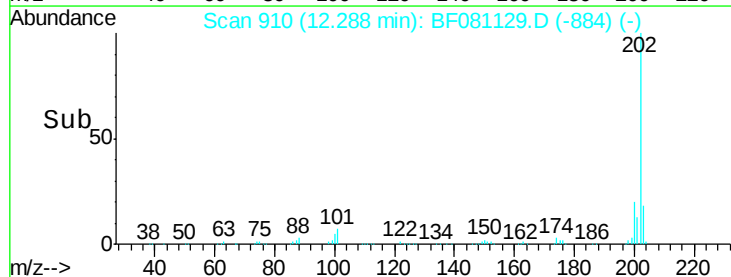
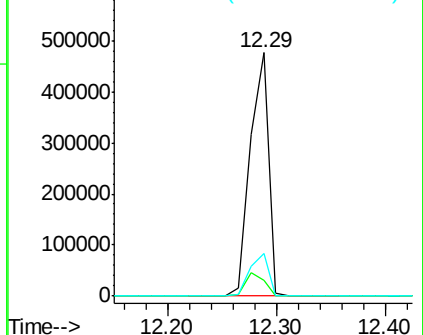
203 17.5 0.0 36.9

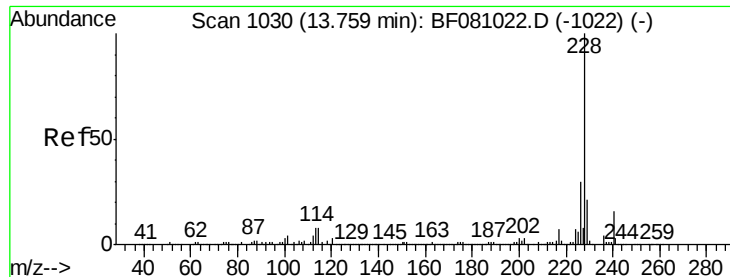


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

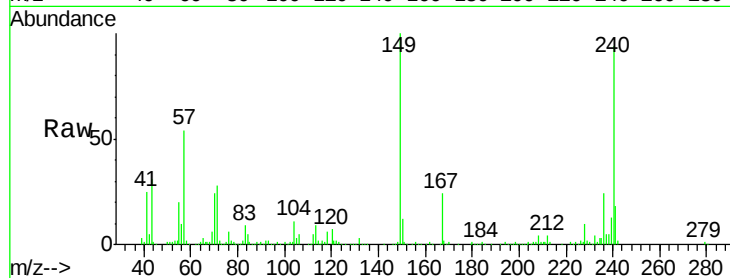
Tot Ion:240 Resp: 214385

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

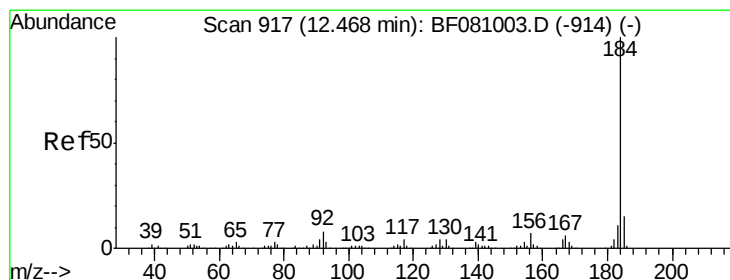
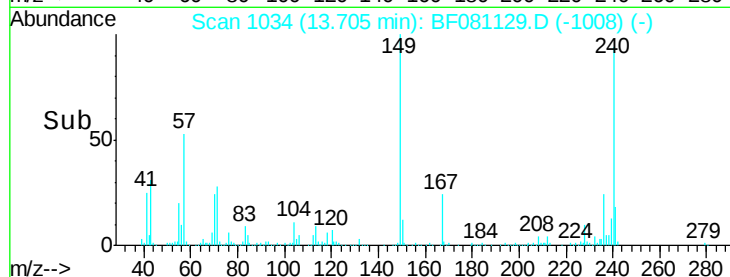
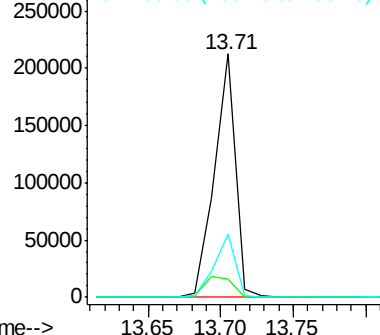
236 25.8 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.52 ng

RT: 12.41 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

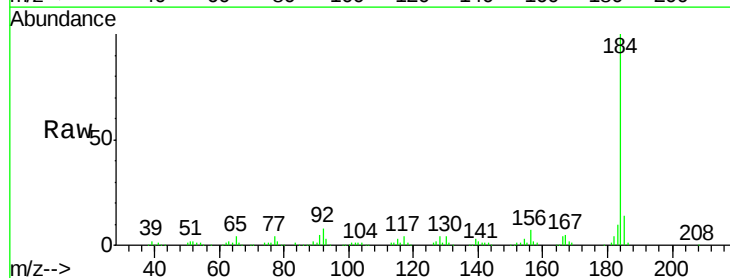
Tgt Ion:184 Resp: 214737

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

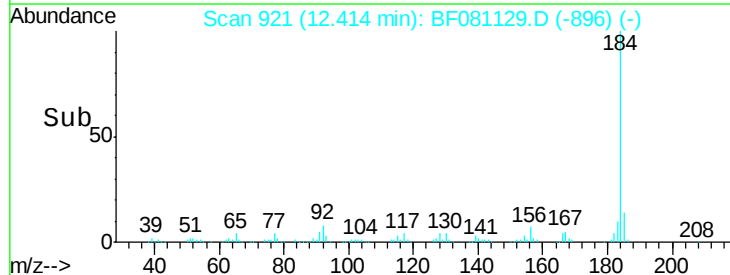
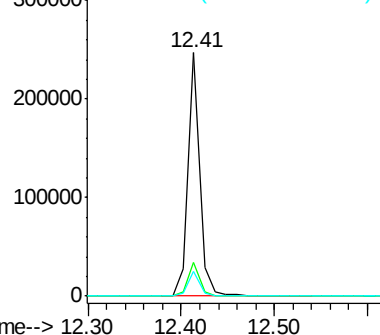
183 10.4 8.9 13.3

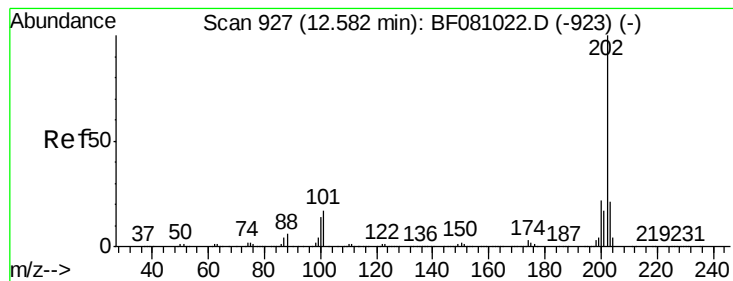


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 29.52 ng

RT: 12.51 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

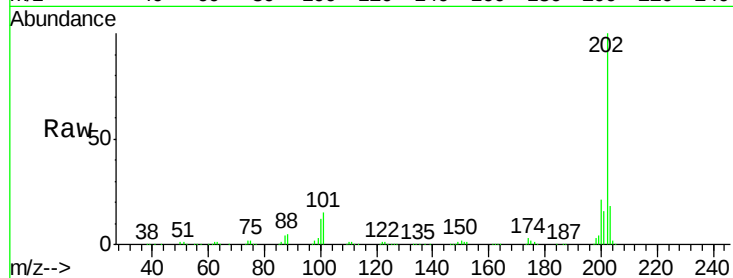
Tot Ion:202 Resp: 514489

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

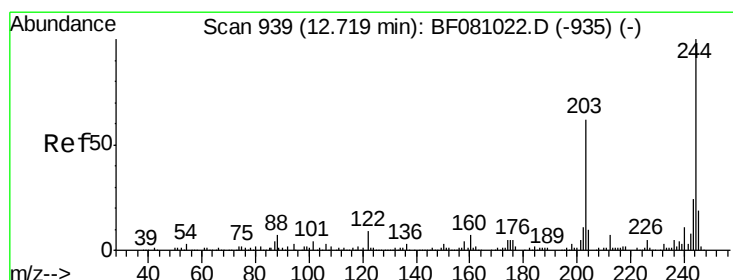
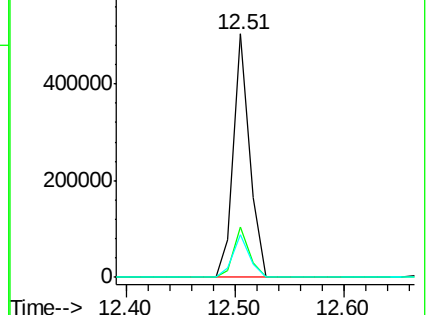
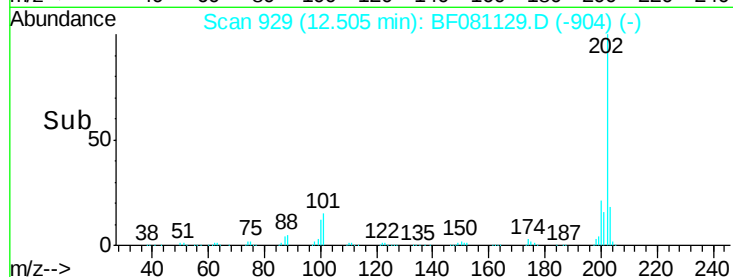
203 17.8 14.1 21.1



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: 55.14 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

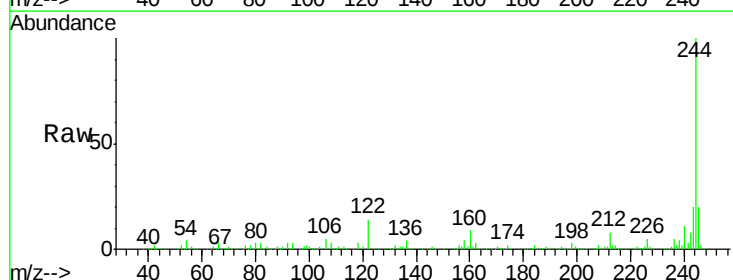
Tgt Ion:244 Resp: 551445

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

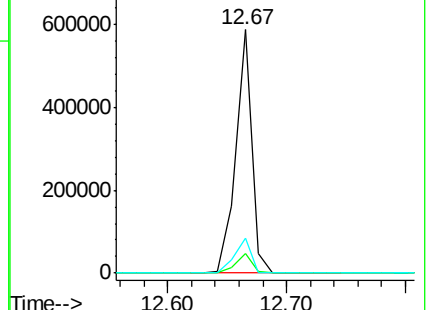
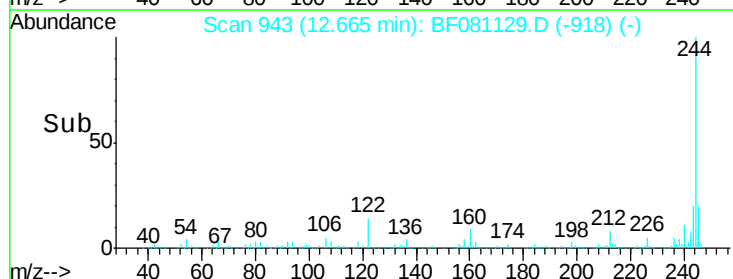
122 14.4 8.2 12.4#

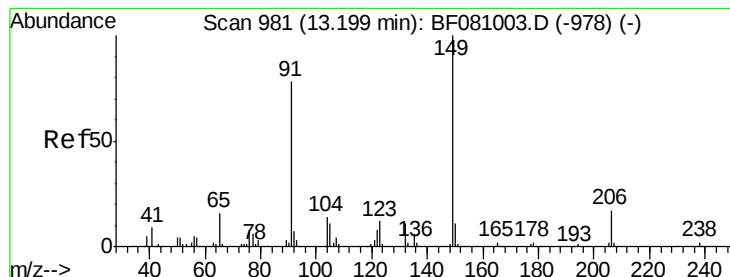


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.64 ng

RT: 13.15 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

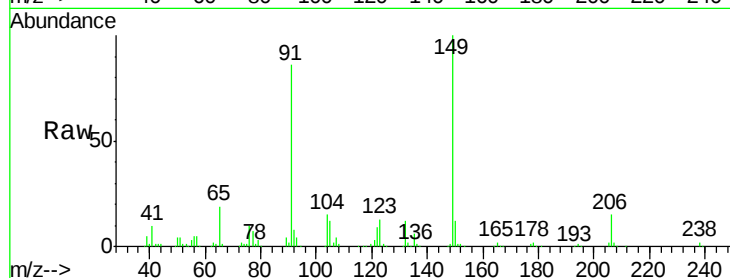
Tot Ion:149 Resp: 251985

Ion Ratio Lower Upper

149 100

91 85.5 46.9 70.3#

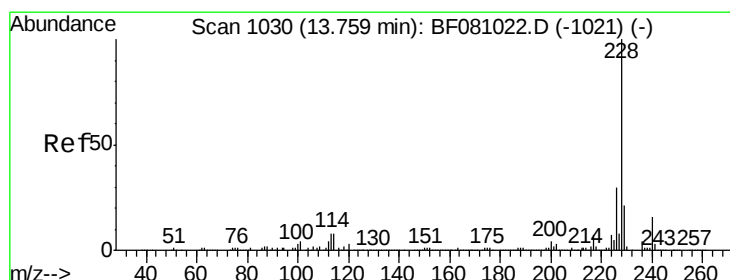
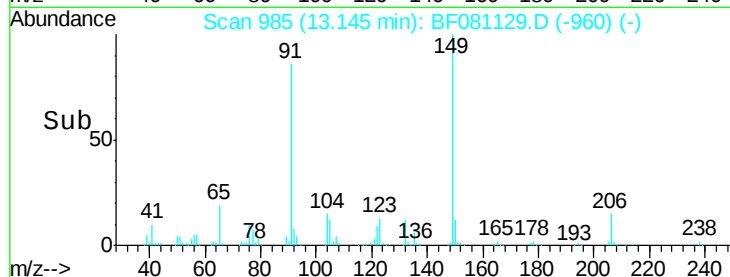
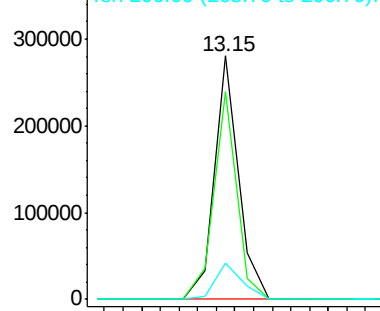
206 15.1 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.26 ng

RT: 13.69 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

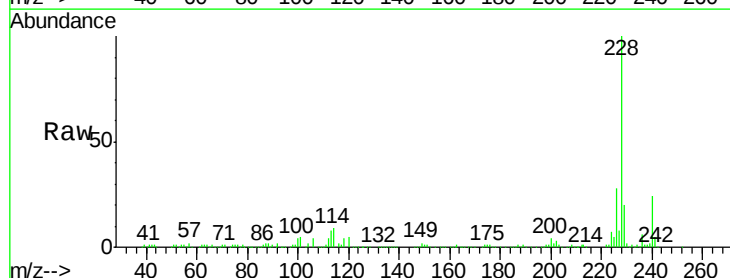
Tgt Ion:228 Resp: 463833

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

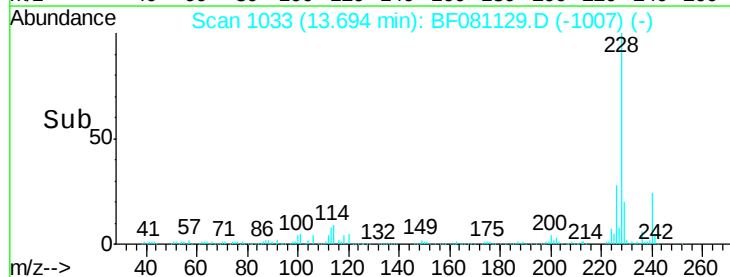
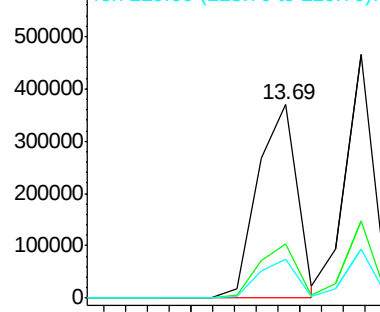
229 20.3 15.9 23.9

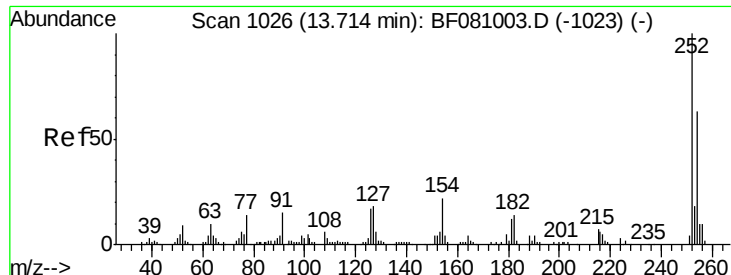


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

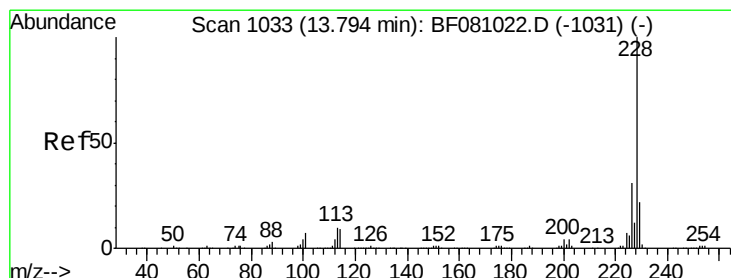
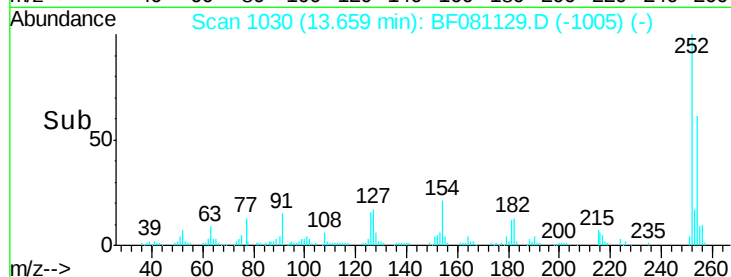
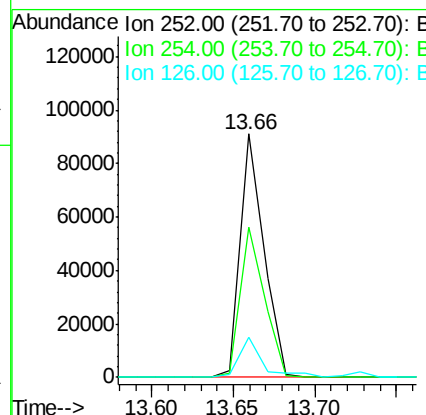
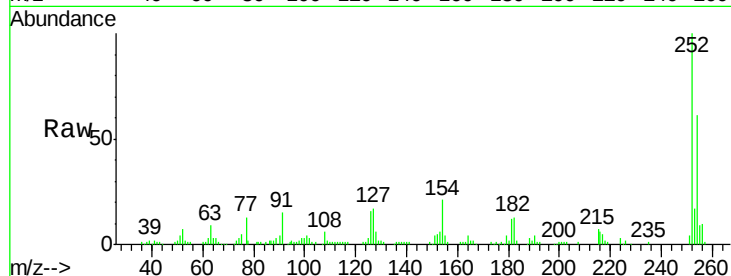




#81
 3,3'-Dichlorobenzidine
 Concen: 19.45 ng
 RT: 13.66 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

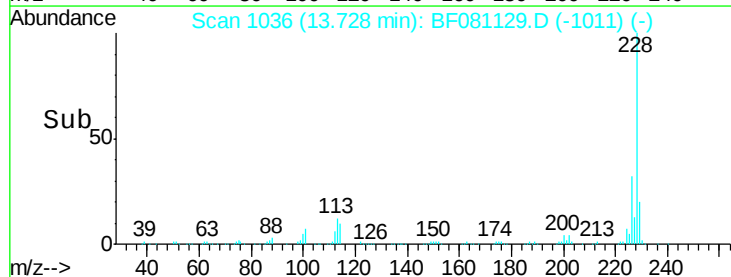
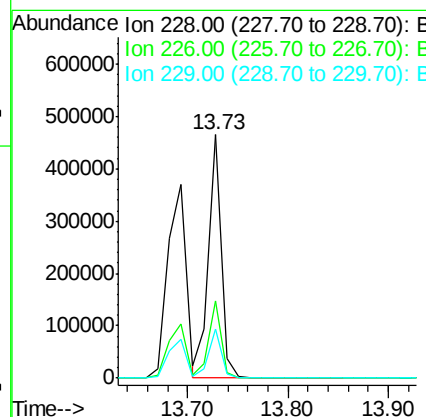
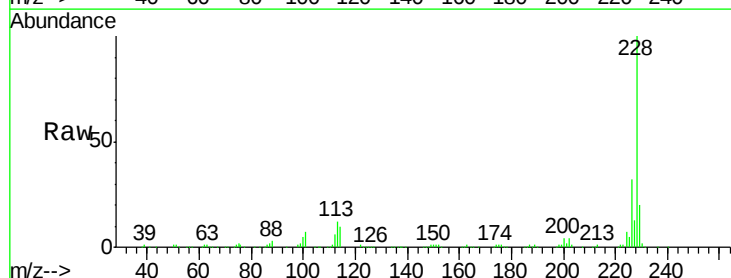
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

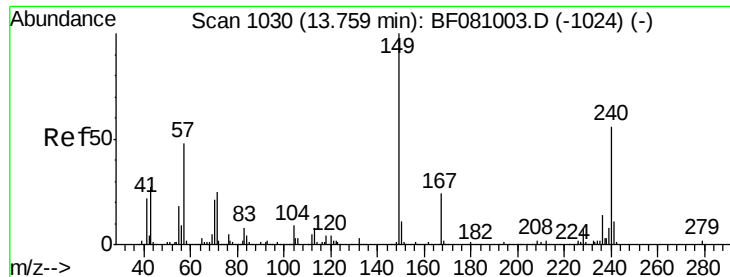
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.4	51.5	77.3
126	16.2	12.5	18.7



#82
 Chrysene
 Concen: 32.04 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	20.4	16.0	24.0

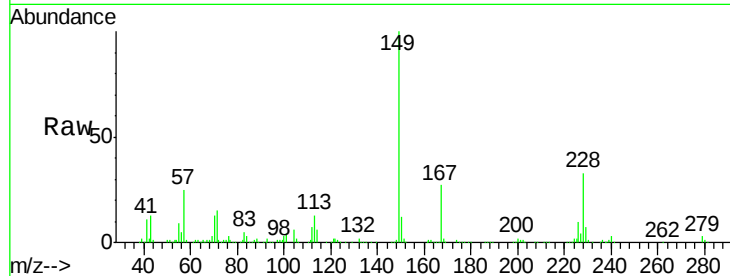




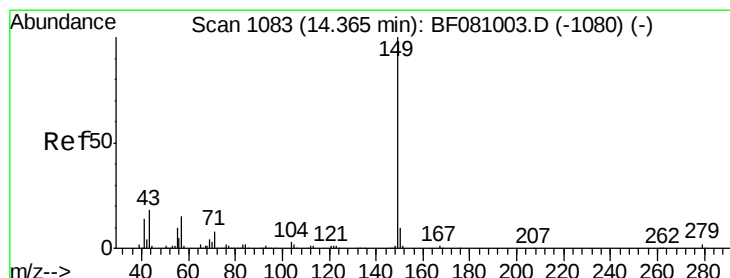
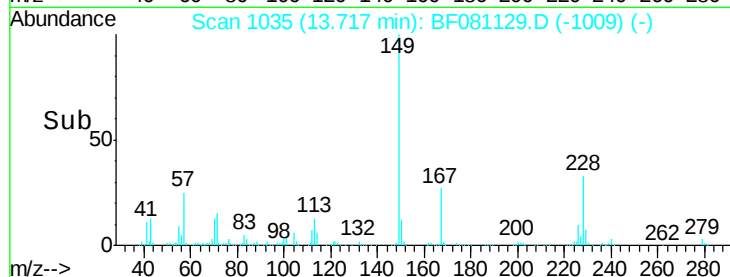
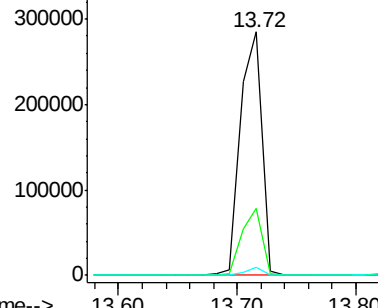
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.64 ng
 RT: 13.72 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

Tot Ion:149 Resp: 361144
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.7 31.1
 279 3.3 2.2 3.4

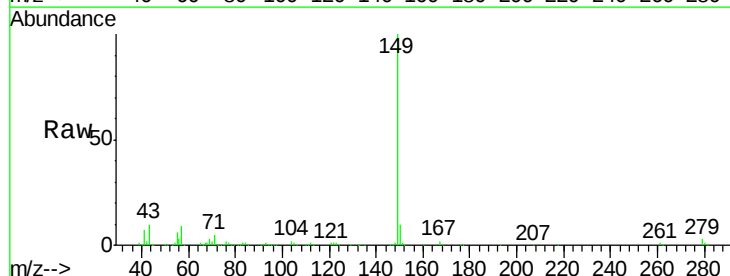


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

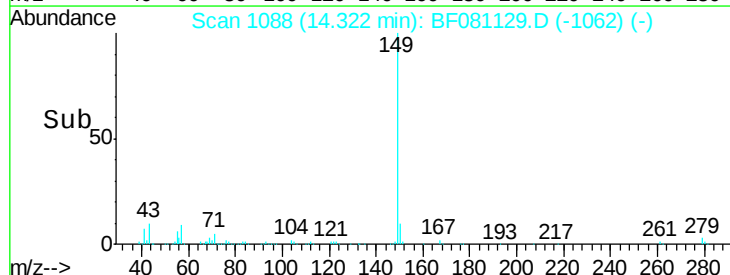
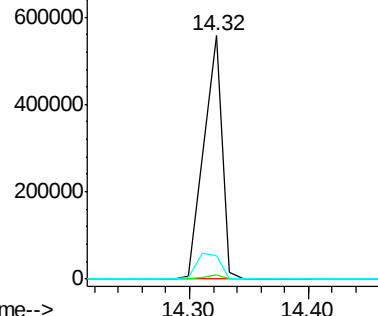


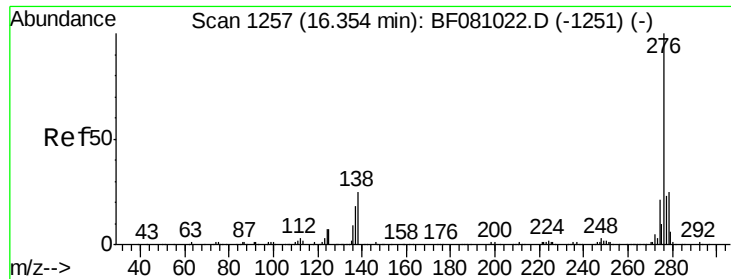
#84
 Di-n-octyl phthalate
 Concen: 40.72 ng
 RT: 14.32 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:149 Resp: 593832
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.6 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

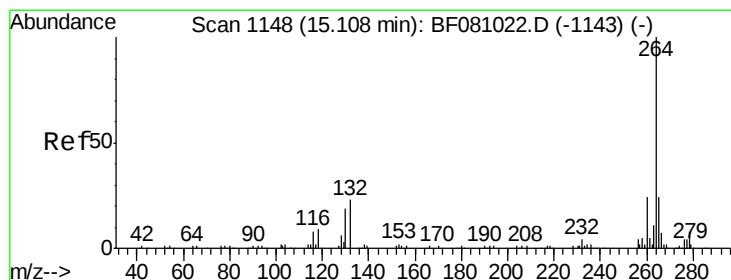
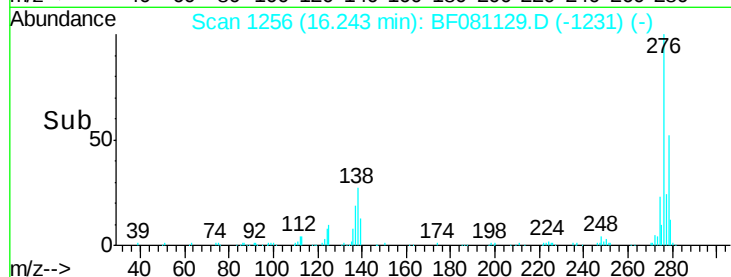
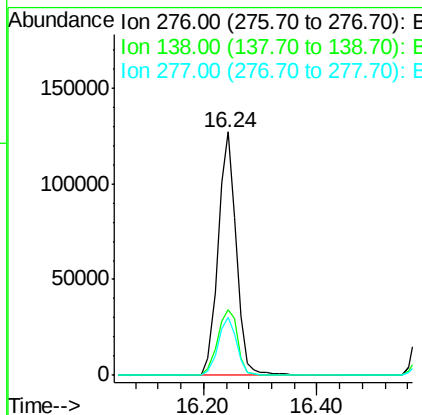
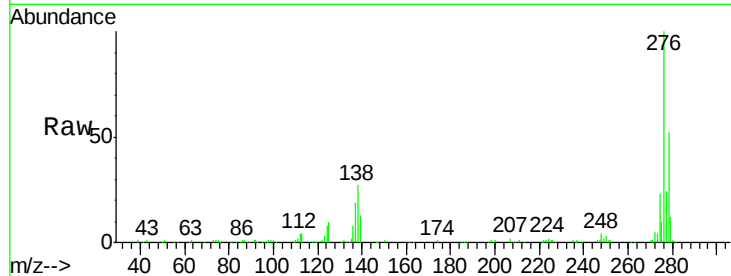




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.93 ng
 RT: 16.24 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

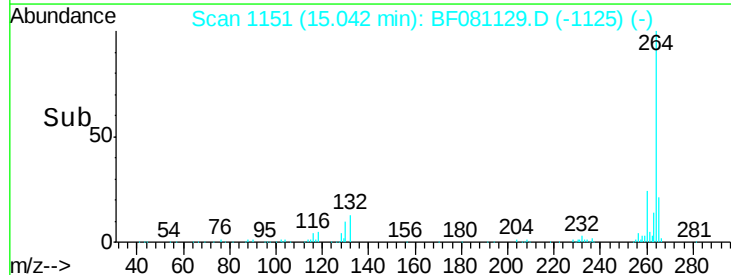
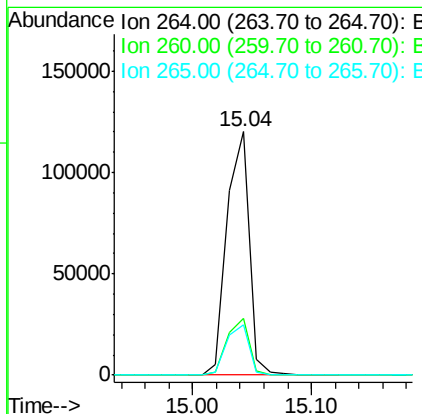
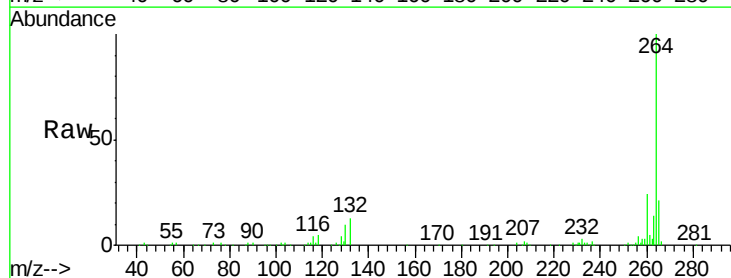
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

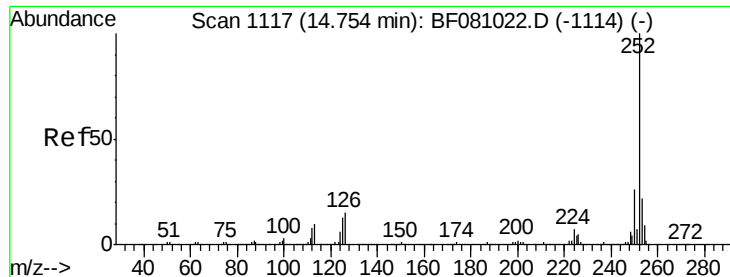
Tot Ion:276 Resp: 281377
 Ion Ratio Lower Upper
 276 100
 138 29.5 18.6 28.0#
 277 24.6 19.8 29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Tgt Ion:264 Resp: 155978
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 20.8 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 64.44 ng

RT: 14.71 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85099BSD

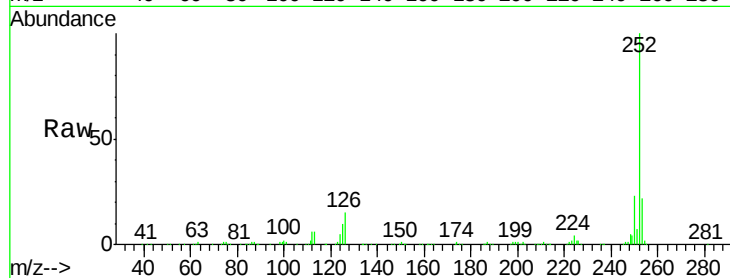
Tot Ion:252 Resp: 710977

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

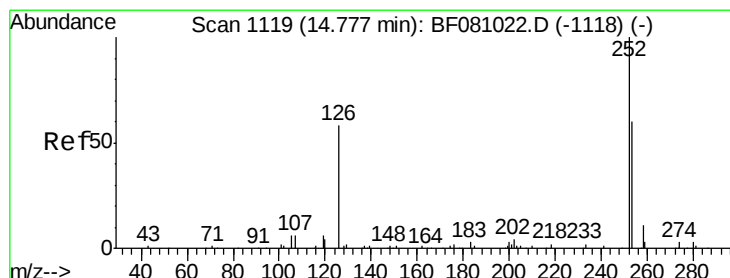
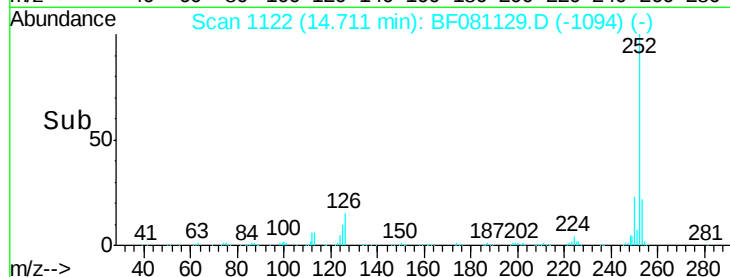
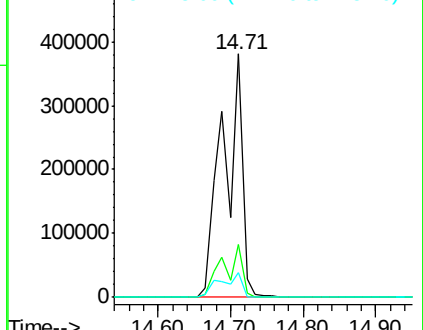
125 10.3 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 69.16 ng

RT: 14.71 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF081129.D

Acq: 20 Aug 2015 17:34

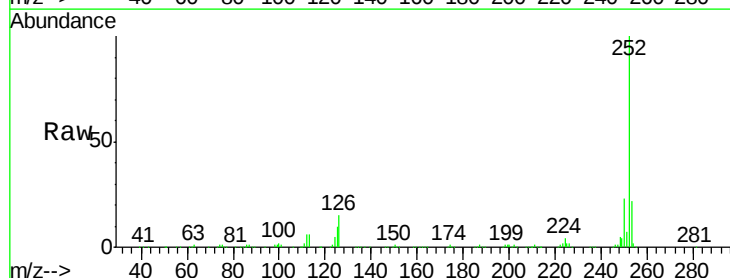
Tgt Ion:252 Resp: 710977

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

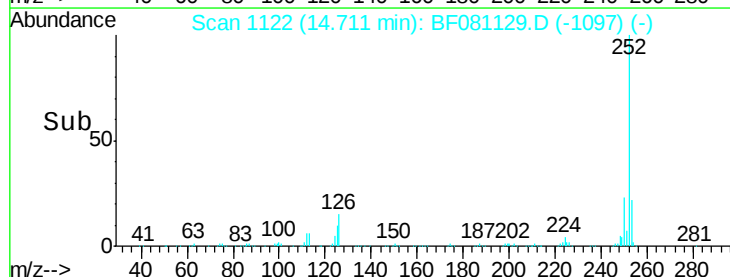
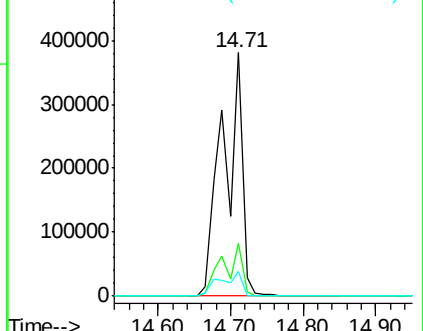
125 10.3 10.3 15.5#

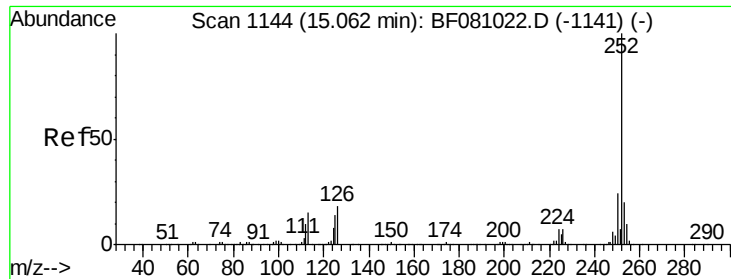


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

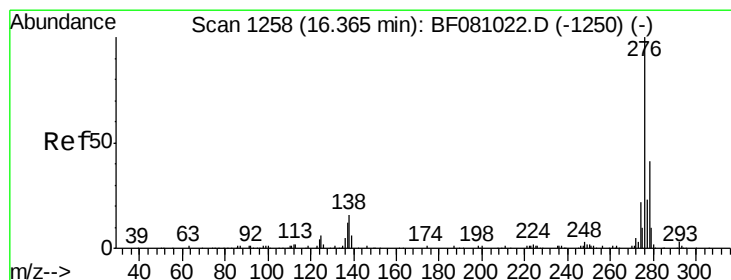
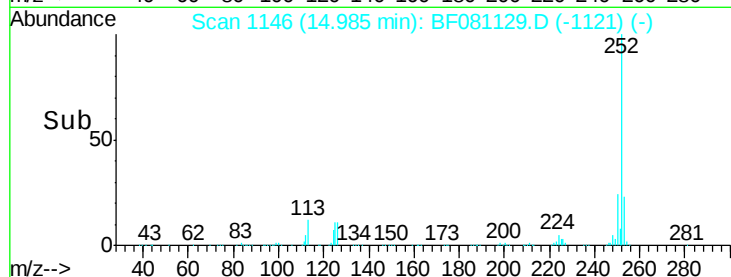
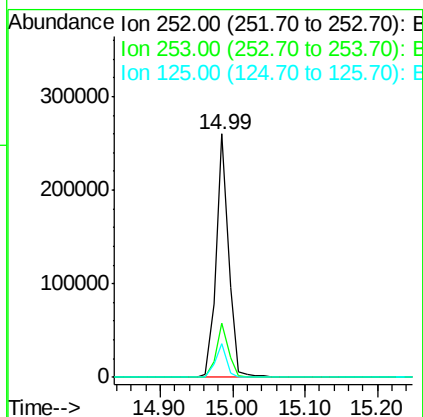
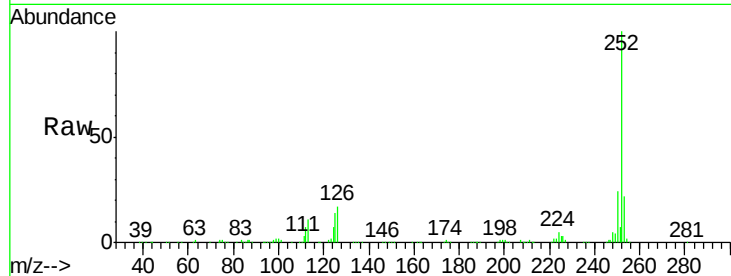




#89
Benzo(a)pyrene
Concen: 32.33 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

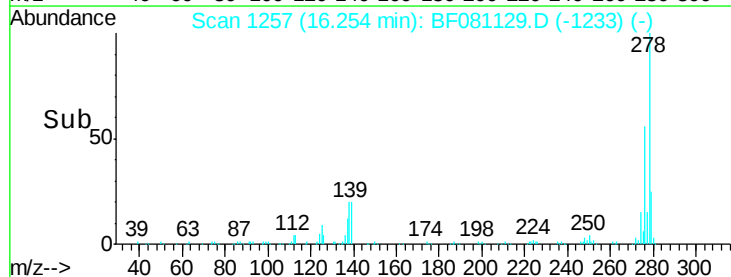
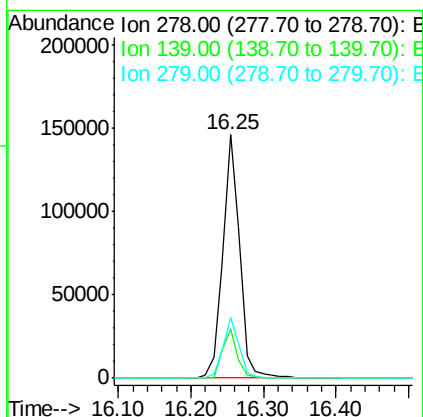
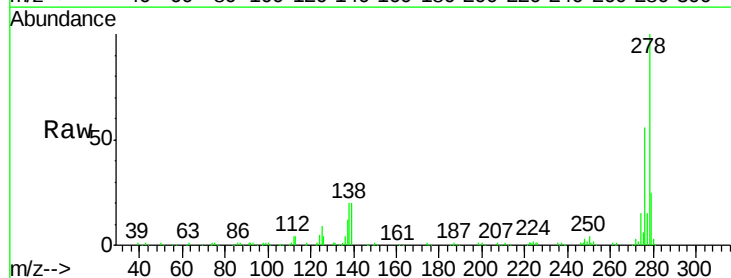
Instrument :
BNA_F
ClientSampleId :
PB85099BSD

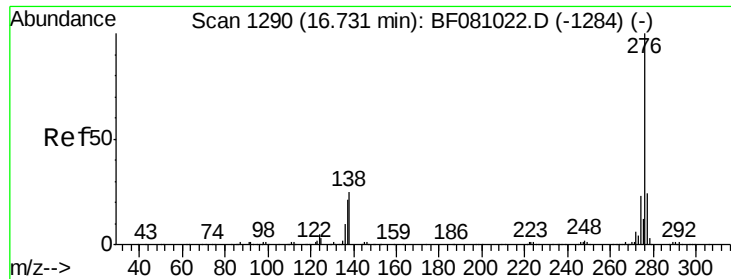
Tot Ion:252 Resp: 310762
Ion Ratio Lower Upper
252 100
253 22.2 16.6 25.0
125 13.6 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 31.53 ng
RT: 16.25 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF081129.D
Acq: 20 Aug 2015 17:34

Tgt Ion:278 Resp: 236178
Ion Ratio Lower Upper
278 100
139 20.0 10.8 16.2#
279 24.8 19.0 28.6

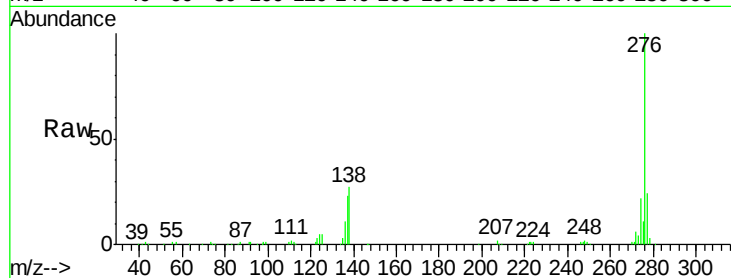




#91
 Benzo(a,h,i)perylene
 Concen: 31.46 ng
 RT: 16.60 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF081129.D
 Acq: 20 Aug 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.2	27.2
138	26.7	13.7	20.5



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

