

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082143.D
 Acq On : 9 Oct 2015 13:52
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 22:44:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145278	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	582647	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	285765	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	542255	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	483032	20.00	ng	-0.02
86) Perylene-d12	15.48	264	393174	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	543709	67.94	ng	-0.02
7) Phenol-d6	6.49	99	725497	72.04	ng	-0.01
23) Nitrobenzene-d5	7.43	82	661149	75.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	228239	78.86	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1282511	73.08	ng	-0.02
78) Terphenyl-d14	12.97	244	1348703	92.38	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	130267	37.43	ng	88
3) Pyridine	3.18	79	350422	38.67	ng	85
4) n-Nitrosodimethylamine	3.15	42	145142	35.27	ng	96
6) Aniline	6.53	93	488628	36.12	ng	91
8) 2-Chlorophenol	6.64	128	340455	38.52	ng	97
9) Benzaldehyde	6.40	77	195851	29.70	ng	# 81
10) Phenol	6.50	94	389033	34.44	ng	# 51
11) bis(2-Chloroethyl)ether	6.59	93	341579	38.99	ng	97
12) 1,3-Dichlorobenzene	7.03	146	351361	33.66	ng	97
13) 1,4-Dichlorobenzene	7.03	146	361702	33.18	ng	96
14) 1,2-Dichlorobenzene	7.03	146	367146	37.80	ng	99
15) Benzyl Alcohol	7.01	79	265128	36.47	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.13	45	477251	38.54	ng	78
17) 2-Methylphenol	7.12	107	275938	38.51	ng	# 85
18) Hexachloroethane	7.36	117	133935	39.25	ng	# 87
19) n-Nitroso-di-n-propylamine	7.28	70	240377	39.27	ng	# 77
20) 3+4-Methylphenols	7.27	107	309887	34.24	ng	# 59
22) Acetophenone	7.27	105	446158	37.45	ng	# 72
24) Nitrobenzene	7.45	77	377281	39.75	ng	# 77
25) Isophorone	7.69	82	685728	39.58	ng	# 93
26) 2-Nitrophenol	7.76	139	195582	42.93	ng	# 62
27) 2,4-Dimethylphenol	7.81	122	310213	38.71	ng	# 85
28) bis(2-Chloroethoxy)methane	7.90	93	408179	39.68	ng	# 94
29) 2,4-Dichlorophenol	8.00	162	297539	38.29	ng	93
30) 1,2,4-Trichlorobenzene	8.08	180	329951	38.03	ng	97
31) Naphthalene	8.16	128	941655	36.47	ng	97
32) Benzoic acid	7.95	122	216290	45.56	ng	# 72
33) 4-Chloroaniline	8.22	127	408352	36.58	ng	# 89
34) Hexachlorobutadiene	8.27	225	198988	38.78	ng	97
35) Caprolactam	8.62	113	85960	39.95	ng	# 80
36) 4-Chloro-3-methylphenol	8.71	107	321655	42.33	ng	89
37) 2-Methylnaphthalene	8.86	142	679485	38.56	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	328938	37.49	ng	98
40) Hexachlorocyclopentadiene	9.01	237	172085	38.09	ng	97

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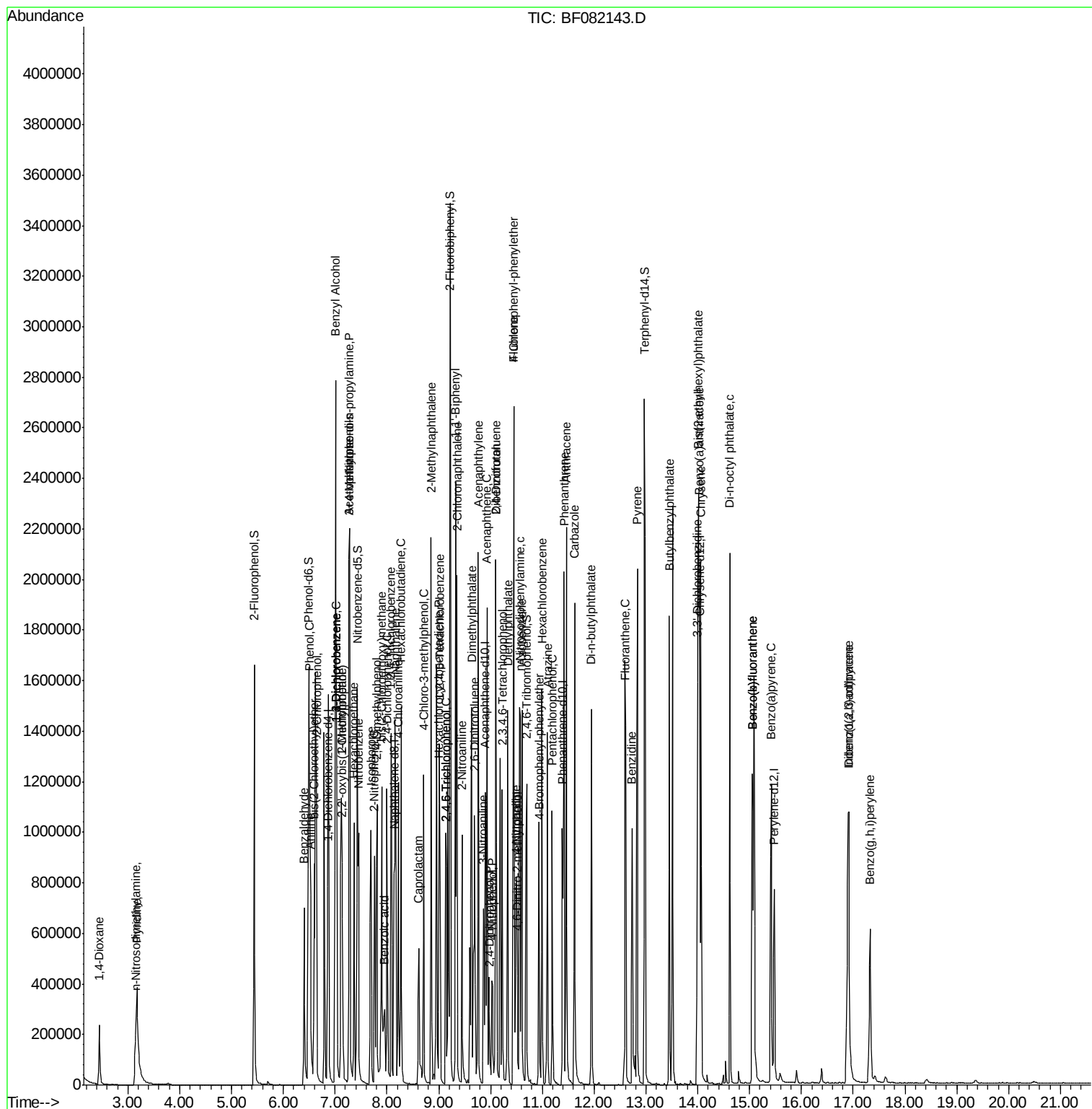
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42) 2,4,6-Trichlorophenol	9.14	196	224069	37.26	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	224069	36.23	nq	96
45) 1,1'-Biphenyl	9.33	154	859383	38.98	nq	94
46) 2-Chloronaphthalene	9.35	162	656120	37.90	nq	94
47) 2-Nitroaniline	9.45	65	207965	40.92	nq	# 80
48) Acenaphthylene	9.76	152	962220	34.73	nq	95
49) Dimethylphthalate	9.63	163	803067	40.71	nq	# 98
50) 2,6-Dinitrotoluene	9.69	165	161613	37.74	nq	# 55
51) Acenaphthene	9.93	154	631881	38.41	nq	90
52) 3-Nitroaniline	9.86	138	187023	37.75	nq	# 60
53) 2,4-Dinitrophenol	9.98	184	98269	58.15	nq	# 83
54) Dibenzofuran	10.10	168	808324	34.76	nq	# 83
55) 4-Nitrophenol	10.03	139	123408	34.47	nq	# 73
56) 2,4-Dinitrotoluene	10.10	165	227529	41.68	nq	# 88
57) Fluorene	10.45	166	652525	38.95	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.23	232	208438	42.49	nq	92
59) Diethylphthalate	10.33	149	787743	42.75	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	333414	39.17	nq	97
61) 4-Nitroaniline	10.49	138	195799	39.41	nq	# 52
62) Azobenzene	10.61	77	731397	40.67	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	131340	52.28	nq	# 60
65) n-Nitrosodiphenylamine	10.57	169	645245	39.33	nq	92
66) 4-Bromophenyl-phenylether	10.94	248	225904	41.32	nq	# 86
67) Hexachlorobenzene	10.99	284	229622	37.21	nq	# 87
68) Atrazine	11.10	200	220651	43.35	nq	84
69) Pentachlorophenol	11.19	266	138174	39.30	nq	97
70) Phenanthrene	11.42	178	1062649	40.56	nq	96
71) Anthracene	11.46	178	1047946	38.02	nq	96
72) Carbazole	11.62	167	958152	38.41	nq	94
73) Di-n-butylphthalate	11.94	149	1192575	47.00	nq	# 97
74) Fluoranthene	12.61	202	1087023	37.42	nq	86
76) Benzidine	12.73	184	576379	39.60	nq	# 98
77) Pyrene	12.84	202	1145850	39.71	nq	96
79) Butylbenzylphthalate	13.45	149	529297	48.75	nq	94
80) Benzo(a)anthracene	14.02	228	1001368	38.50	nq	96
81) 3,3'-Dichlorobenzidine	13.99	252	363158	41.34	nq	# 95
82) Chrysene	14.06	228	865831	33.97	nq	94
83) Bis(2-ethylhexyl)phthalate	14.01	149	698053	51.25	nq	96
84) Di-n-octyl phthalate	14.62	149	1167631	52.68	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.90	276	771562	37.92	nq	# 87
87) Benzo(b)fluoranthene	15.05	252	940130	41.88	nq	# 88
88) Benzo(k)fluoranthene	15.05	252	940130	45.69	nq	# 89
89) Benzo(a)pyrene	15.42	252	778465	39.98	nq	# 85
90) Dibenzo(a,h)anthracene	16.92	278	642784	39.34	nq	# 81
91) Benzo(g,h,i)perylene	17.33	276	614739	36.72	nq	# 77

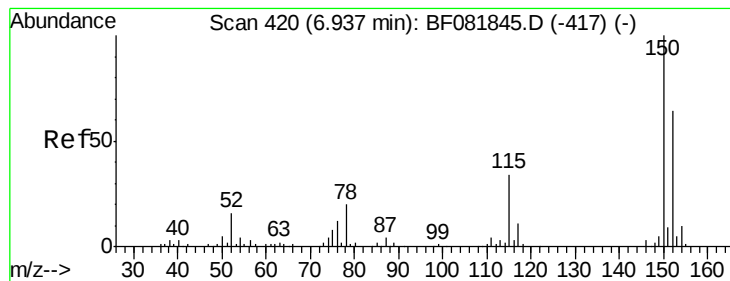
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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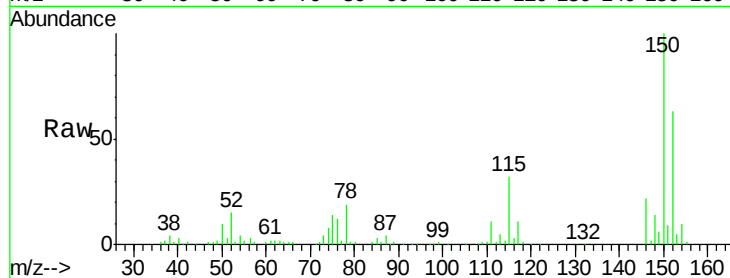


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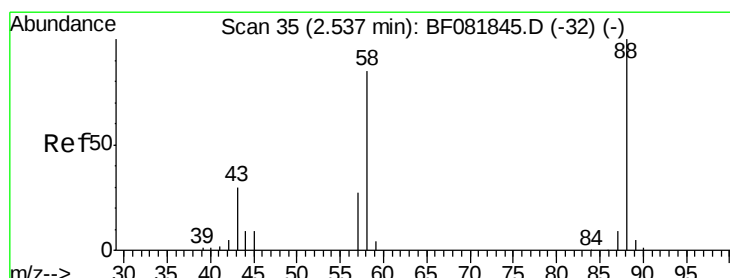
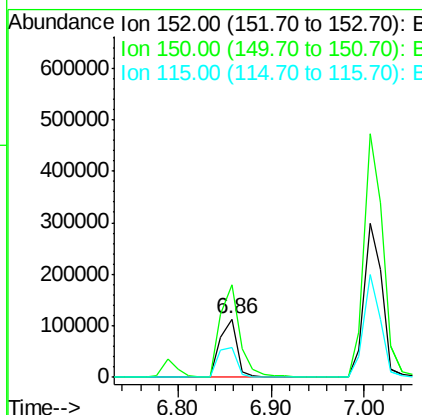
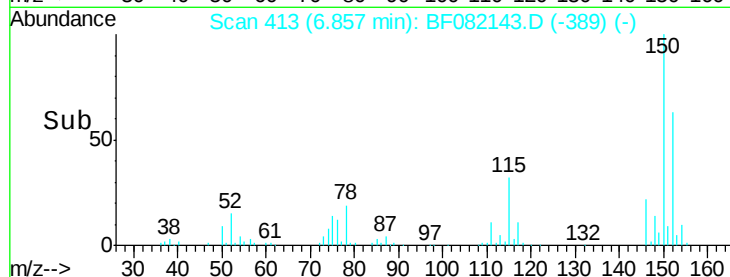
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145278
Ion Ratio Lower Upper
152 100
150 159.1 124.7 187.1
115 51.6 39.0 58.4



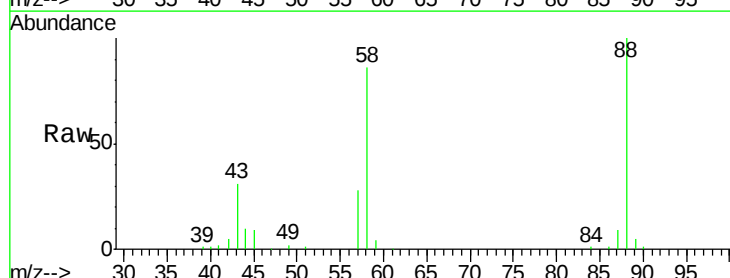
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



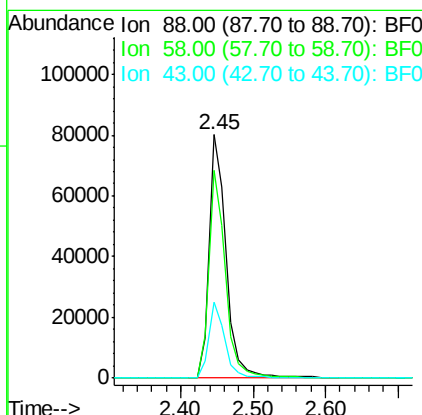
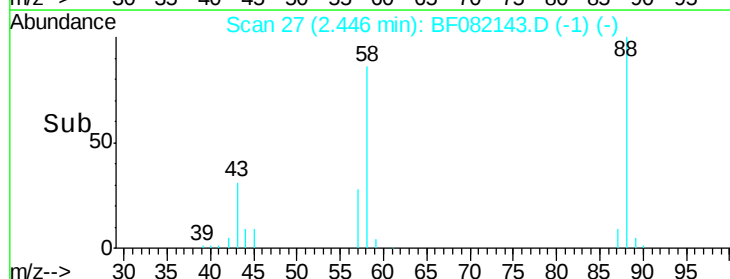
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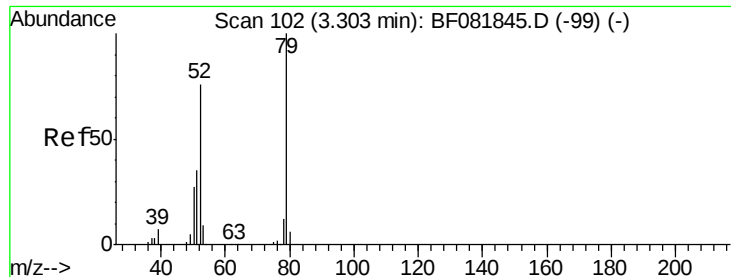
1,4-Dioxane
Concen: 37.43 ng
RT: 2.45 min Scan# 27
Delta R.T. 0.00 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 88 Resp: 130267
Ion Ratio Lower Upper
88 100
58 83.3 77.7 116.5
43 29.5 26.6 40.0



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





#3

Pvridine

Concen: 38.67 ng

RT: 3.18 min Scan# 91

Delta R.T. 0.00 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

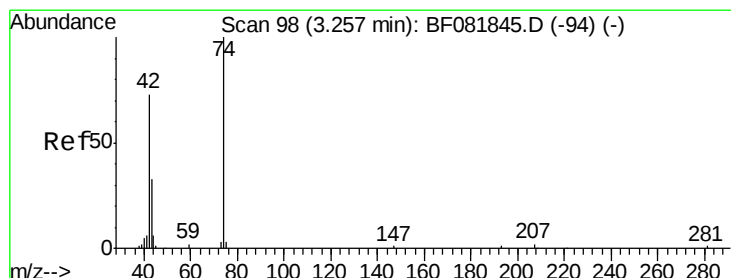
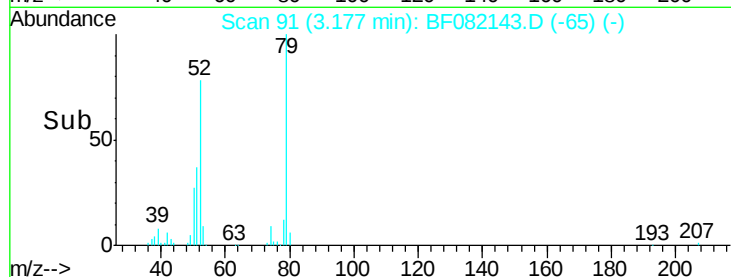
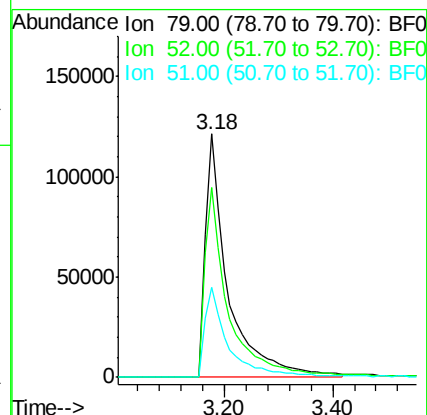
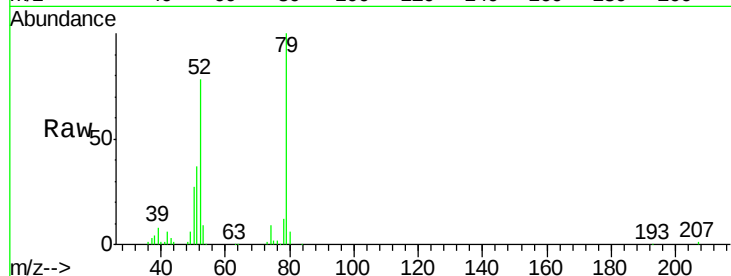
Tot Ion: 79 Resp: 350422

Ion Ratio Lower Upper

79 100

52 77.9 76.8 115.2

51 37.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.27 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

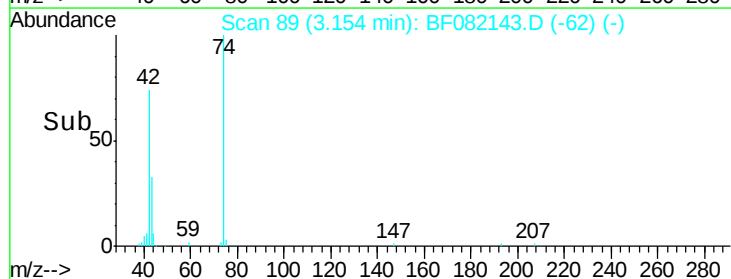
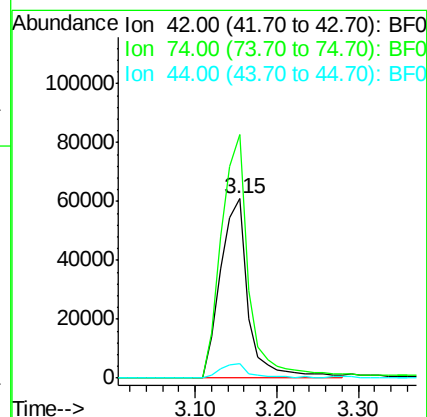
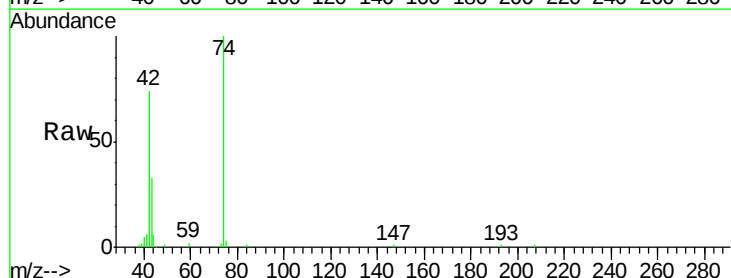
Tgt Ion: 42 Resp: 145142

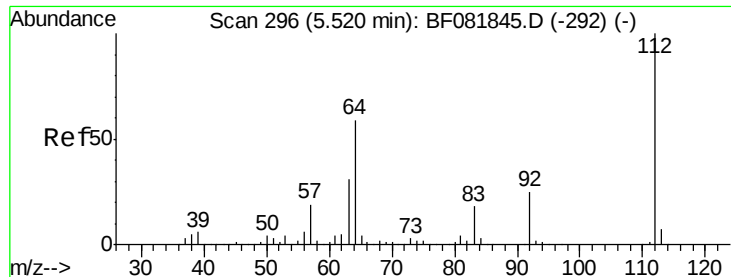
Ion Ratio Lower Upper

42 100

74 135.7 105.0 157.6

44 8.1 6.6 10.0





#5

2-Fluorophenol

Concen: 67.94 ng

RT: 5.44 min Scan# 289

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

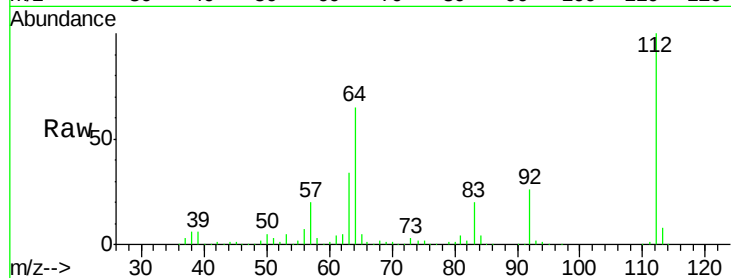
Tot Ion: 112 Resp: 543709

Ion Ratio Lower Upper

112 100

64 65.0 39.7 59.5#

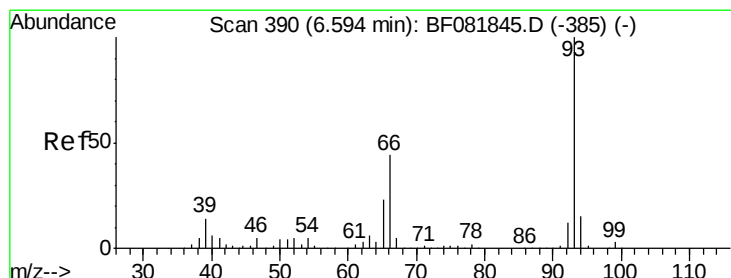
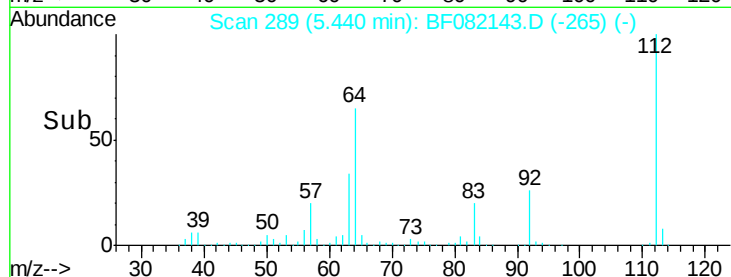
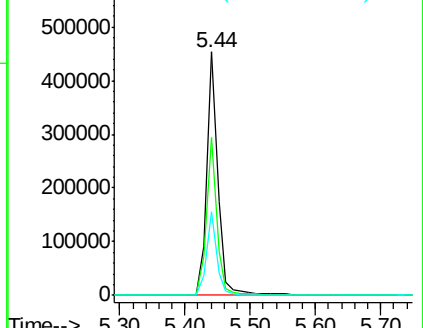
63 34.4 17.4 26.0#



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: 36.12 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

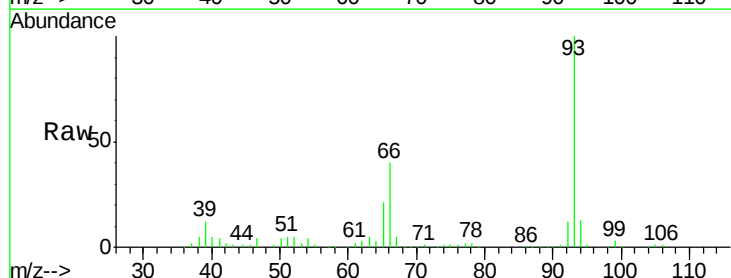
Tgt Ion: 93 Resp: 488628

Ion Ratio Lower Upper

93 100

66 40.5 27.2 40.8

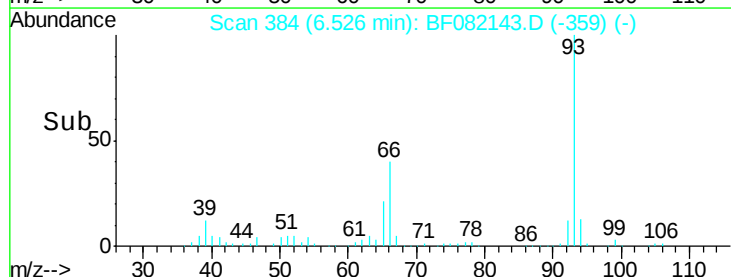
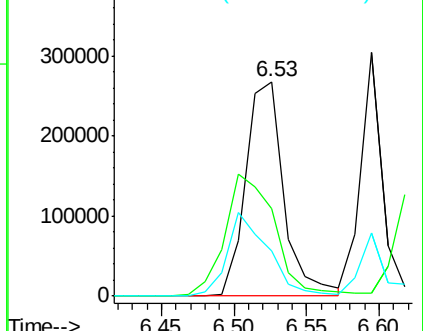
65 20.8 14.7 22.1

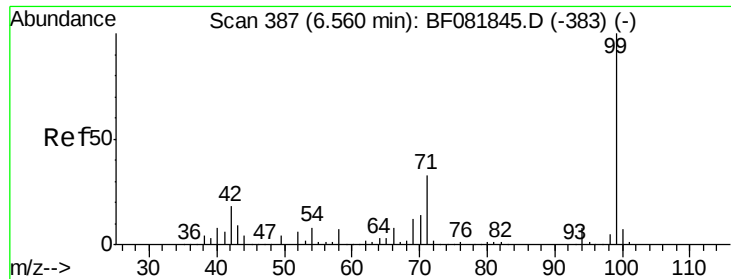


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.04 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

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ClientSampleId :

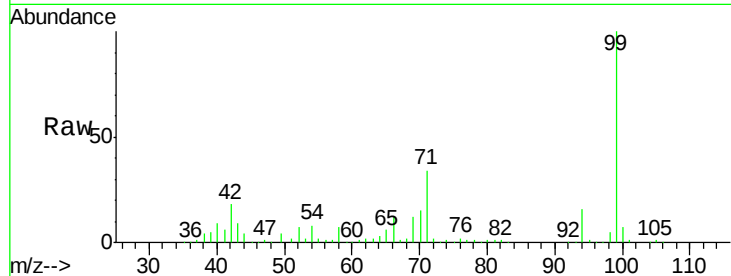
Tot Ion: 99 Resp: 725497

Ion Ratio Lower Upper

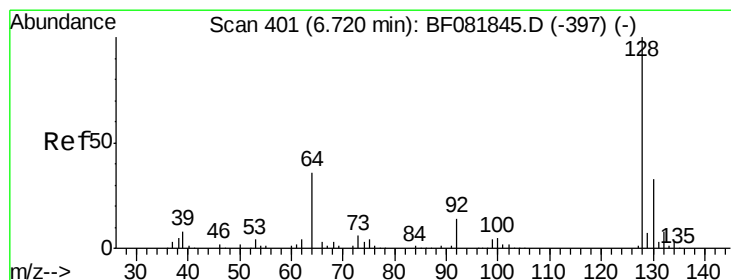
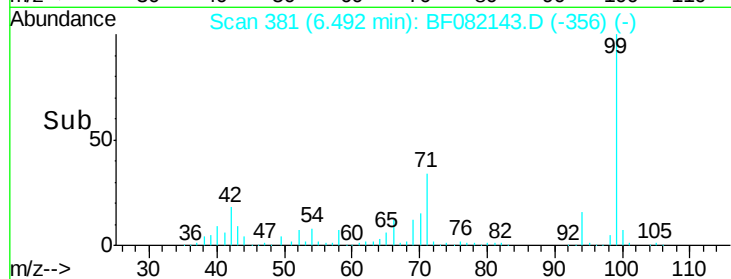
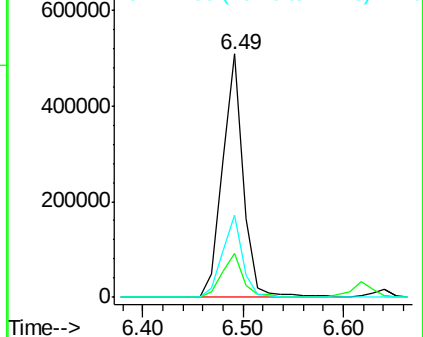
99 100

42 18.2 13.7 20.5

71 33.9 14.2 21.2#



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: 38.52 ng

RT: 6.64 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

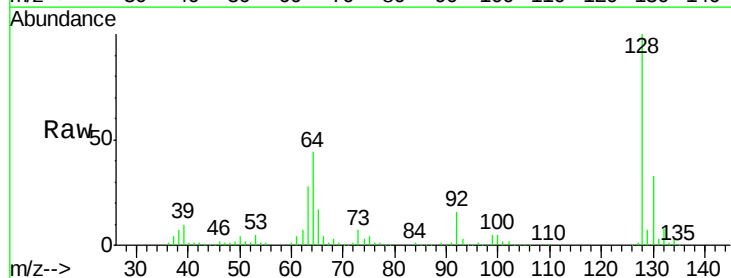
Tgt Ion:128 Resp: 340455

Ion Ratio Lower Upper

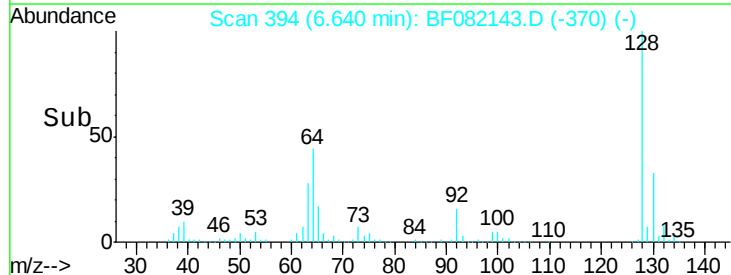
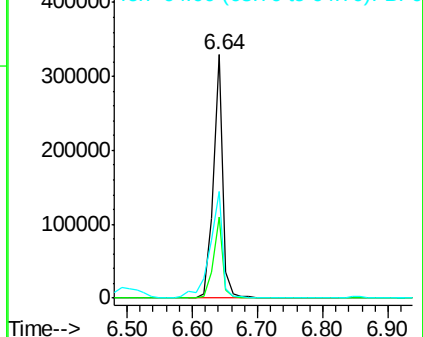
128 100

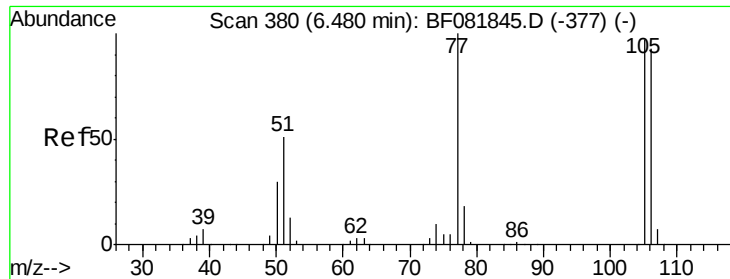
130 33.1 12.2 52.2

64 43.6 20.5 60.5



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

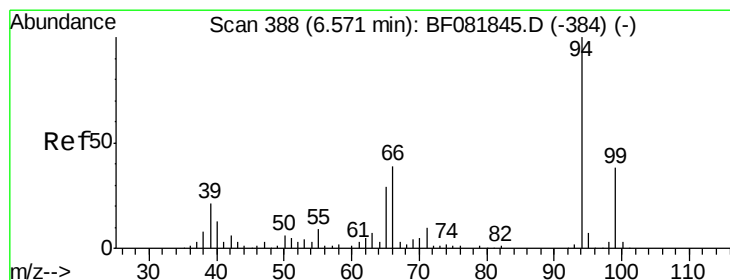
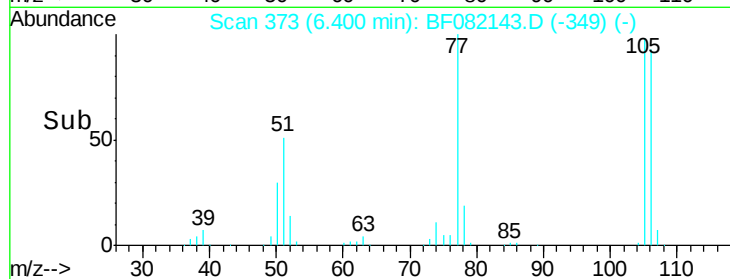
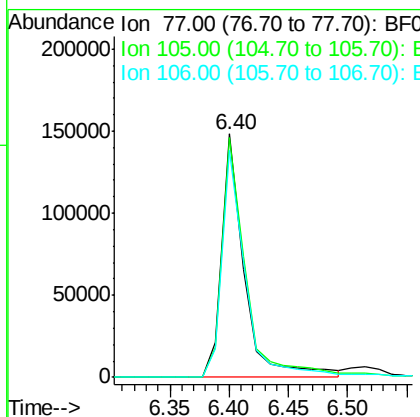
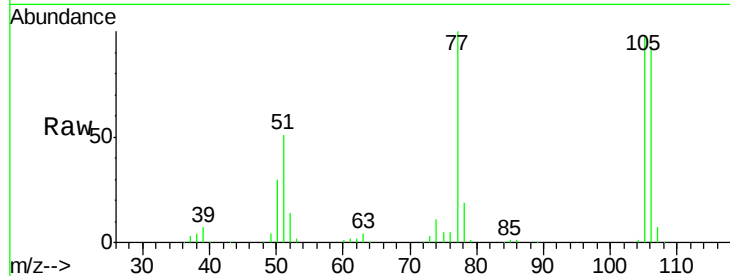




#9
Benzaldehyde
Concen: 29.70 ng
RT: 6.40 min Scan# 373
Delta R.T. -0.02 min
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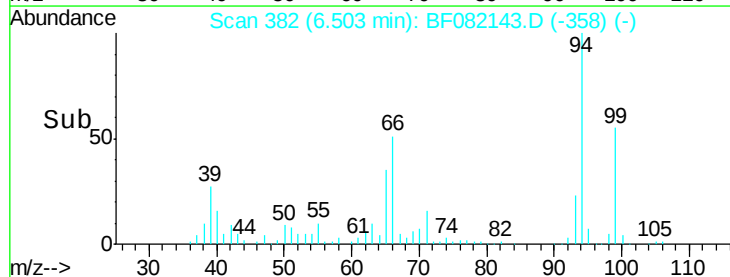
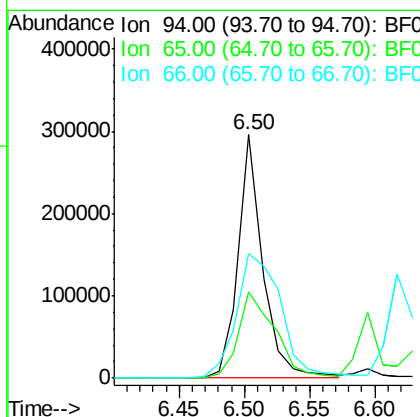
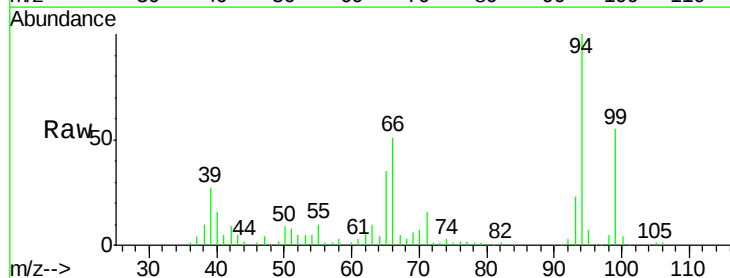
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 195851
Ion Ratio Lower Upper
77 100
105 98.4 91.6 131.6
106 93.4 102.6 142.6#



#10
Phenol
Concen: 34.44 ng
RT: 6.50 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 94 Resp: 389033
Ion Ratio Lower Upper
94 100
65 35.5 0.7 40.7
66 51.3 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 38.99 ng

RT: 6.59 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

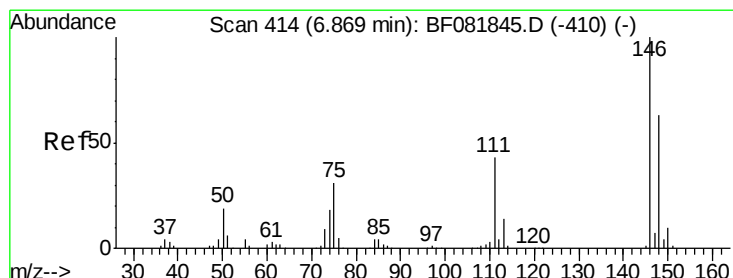
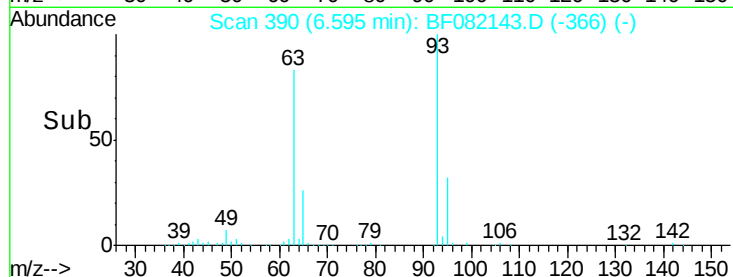
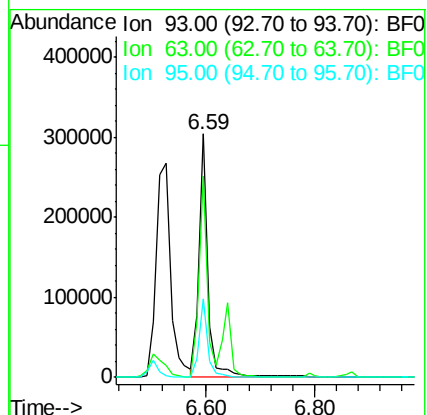
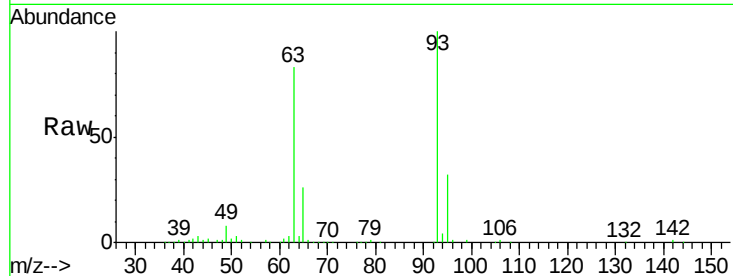
Tot Ion: 93 Resp: 341579

Ion Ratio Lower Upper

93 100

63 82.8 65.6 105.6

95 32.5 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 33.66 ng

RT: 7.03 min Scan# 428

Delta R.T. 0.22 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

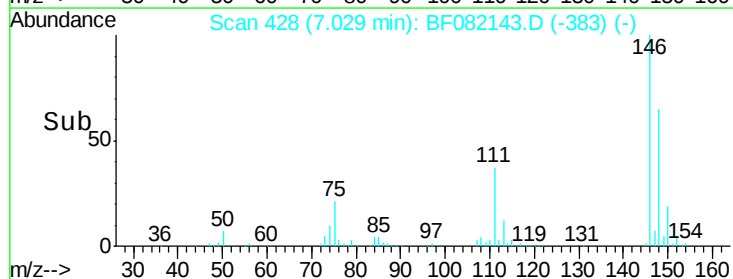
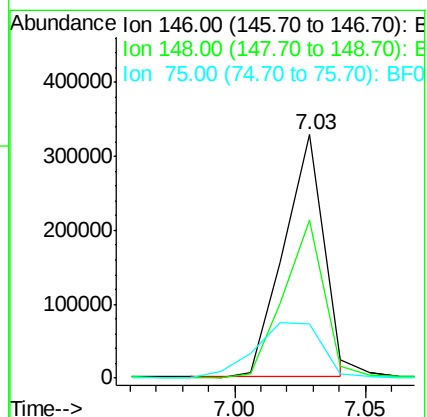
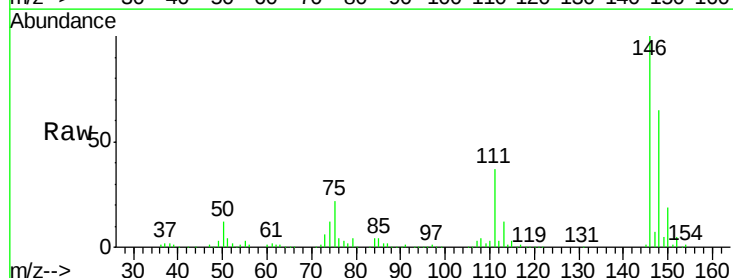
Tgt Ion: 146 Resp: 351361

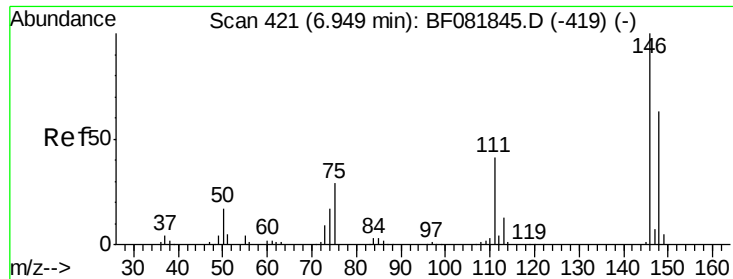
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

75 22.3 15.0 22.6

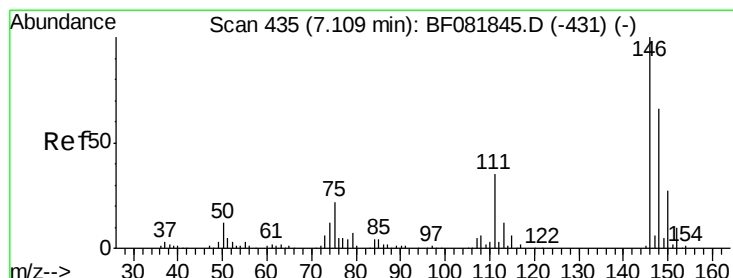
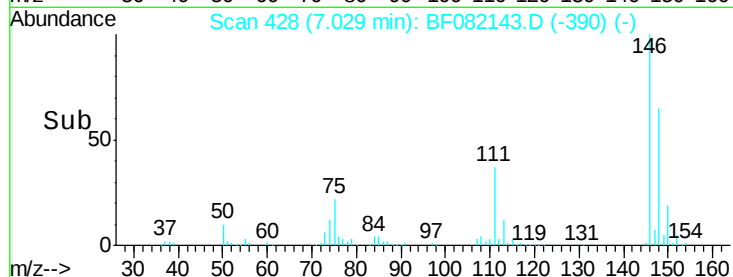
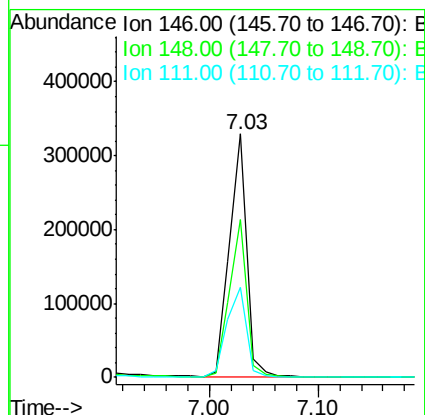
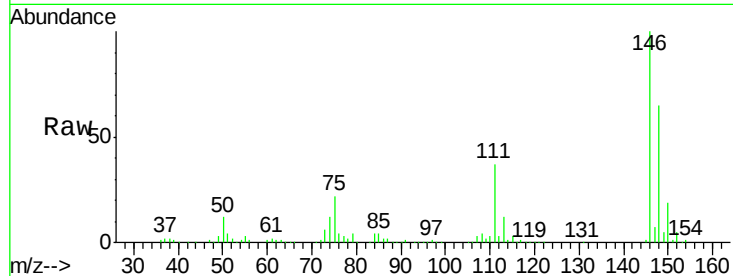




#13
 1,4-Dichlorobenzene
 Concen: 33.18 ng
 RT: 7.03 min Scan# 428
 Delta R.T. 0.14 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

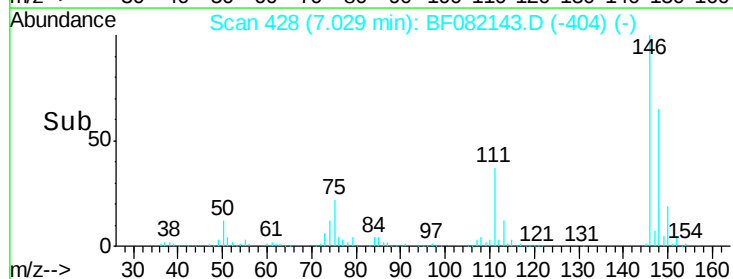
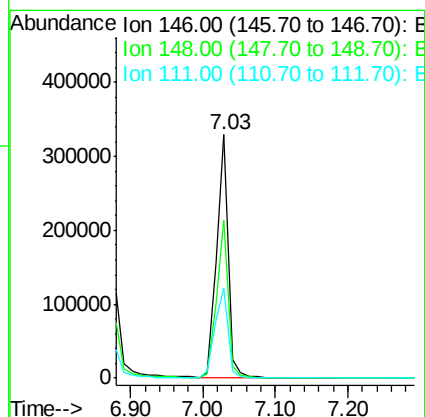
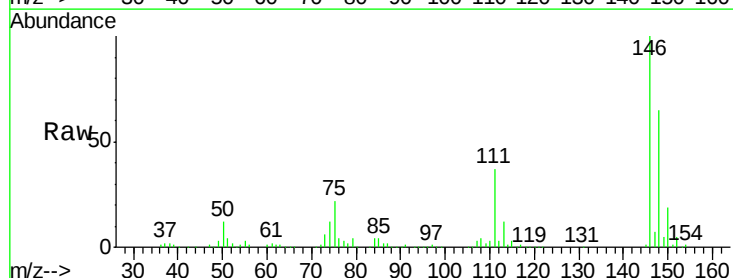
Instrument :
 BNA_F
 ClientSampleId :

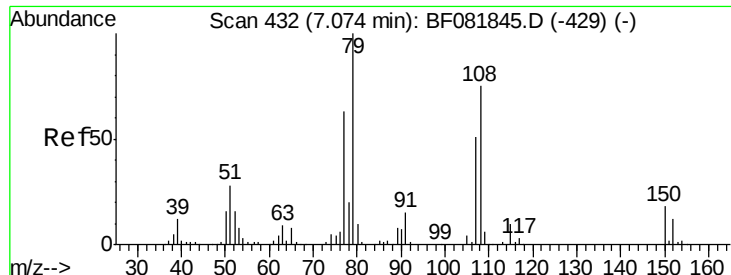
Tot Ion:146 Resp: 361702
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.6
 111 36.9 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 37.80 ng
 RT: 7.03 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion:146 Resp: 367146
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.7 79.1
 111 36.9 28.8 43.2





#15

Benzyl Alcohol

Concen: 36.47 ng

RT: 7.01 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

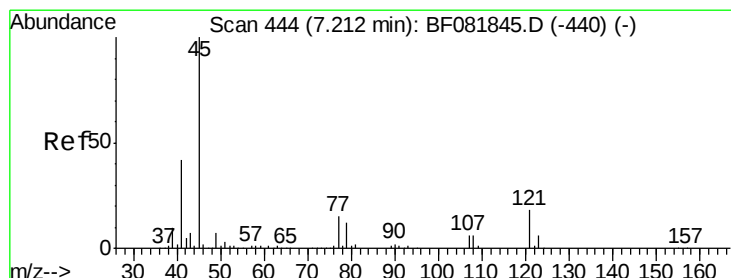
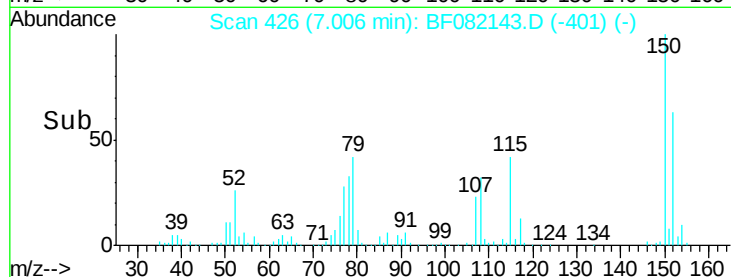
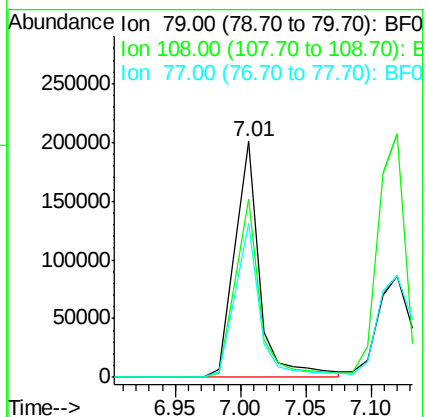
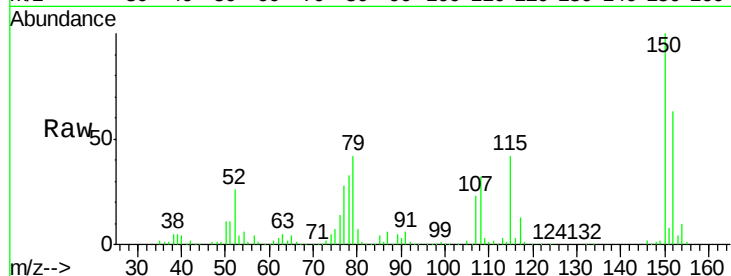
Tot Ion: 79 Resp: 265128

Ion Ratio Lower Upper

79 100

108 75.7 88.6 132.8#

77 65.4 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.54 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

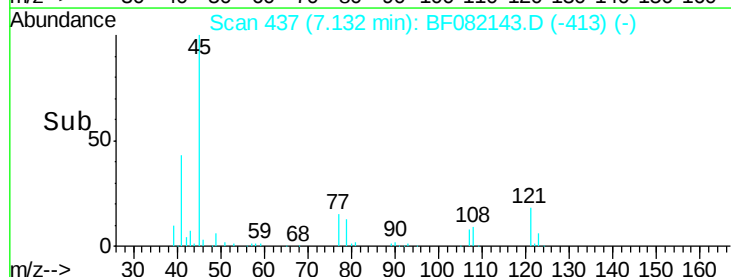
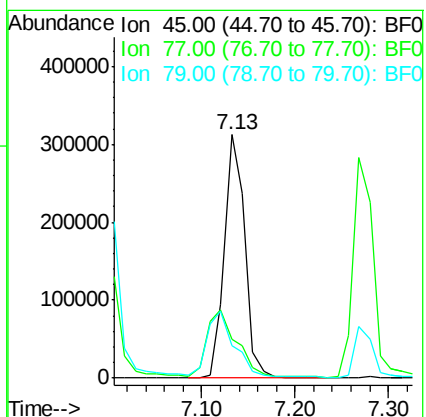
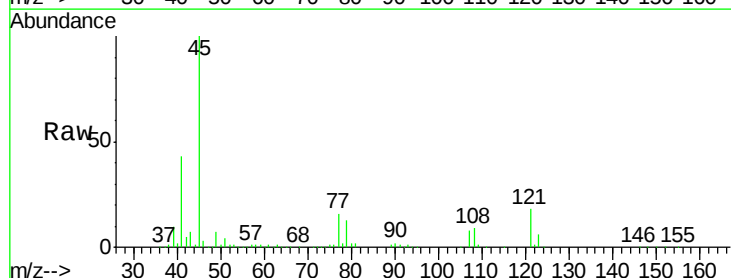
Tgt Ion: 45 Resp: 477251

Ion Ratio Lower Upper

45 100

77 15.9 0.0 28.1

79 13.4 0.0 26.0





#17

2-Methylphenol

Concen: 38.51 ng

RT: 7.12 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 275938

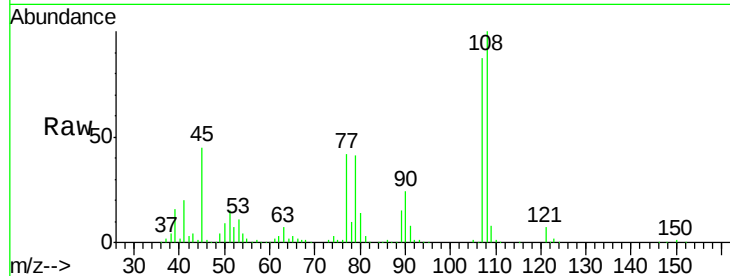
Ion Ratio Lower Upper

107 100

108 115.0 96.6 145.0

77 48.2 23.3 34.9#

79 47.7 22.0 33.0#

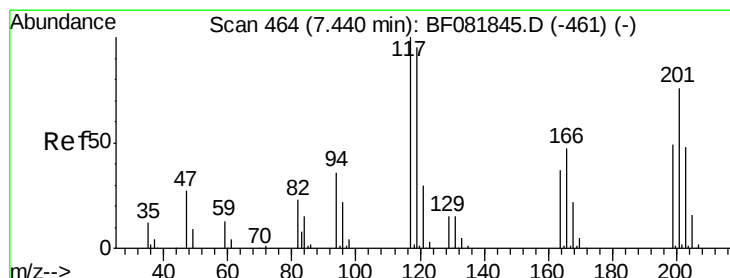
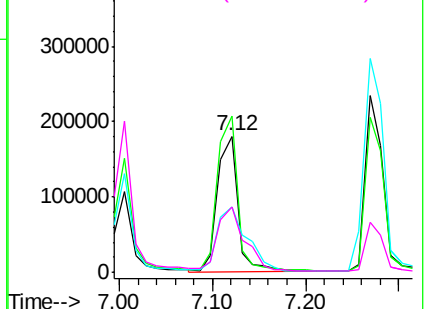
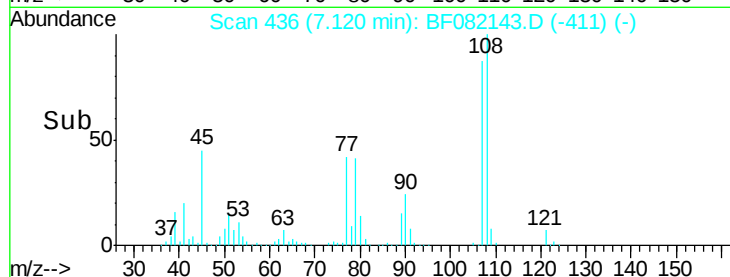


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.25 ng

RT: 7.36 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

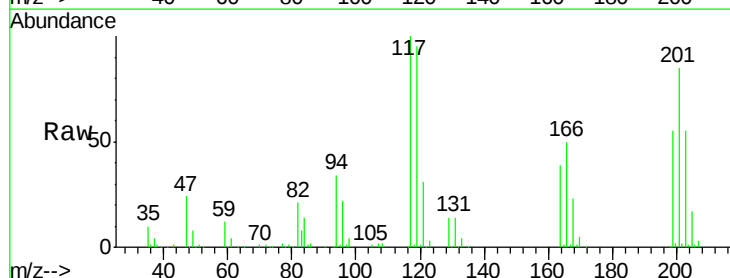
Tgt Ion:117 Resp: 133935

Ion Ratio Lower Upper

117 100

119 95.1 83.8 125.6

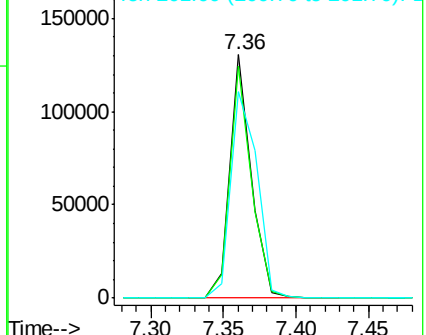
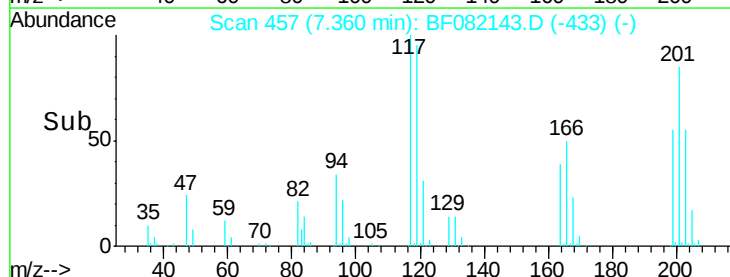
201 84.9 55.1 82.7#

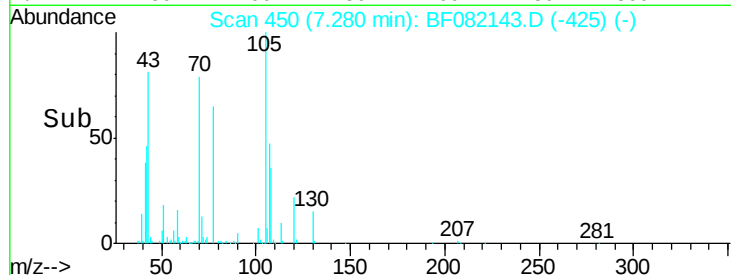
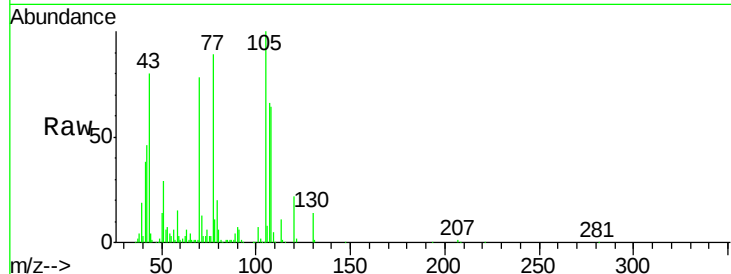


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

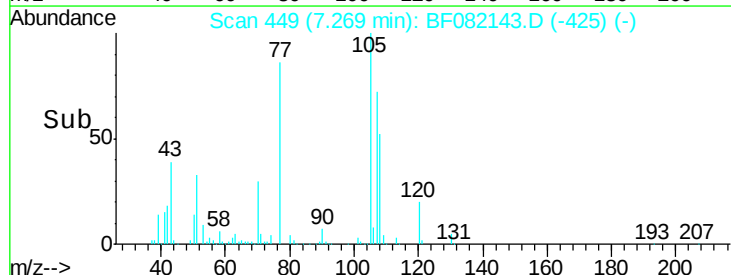
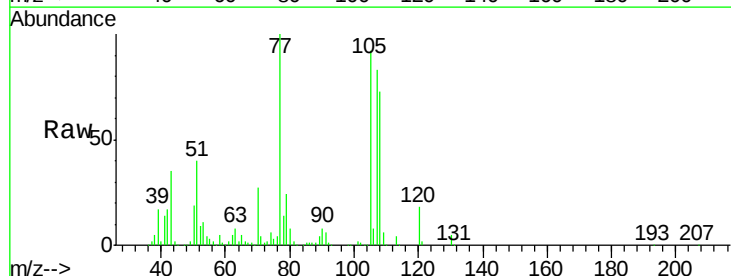
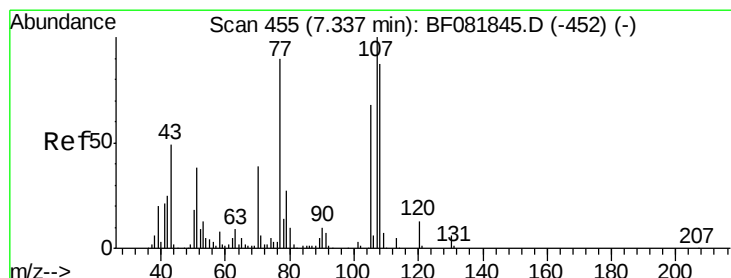
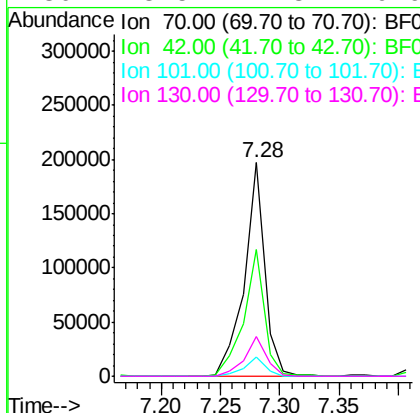




#19
n-Nitroso-di-n-propylamine
Concen: 39.27 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

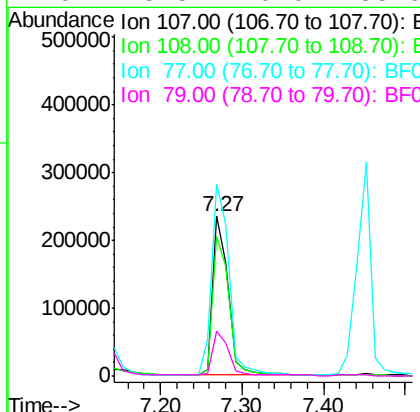
Instrument :
BNA_F
ClientSampleId :

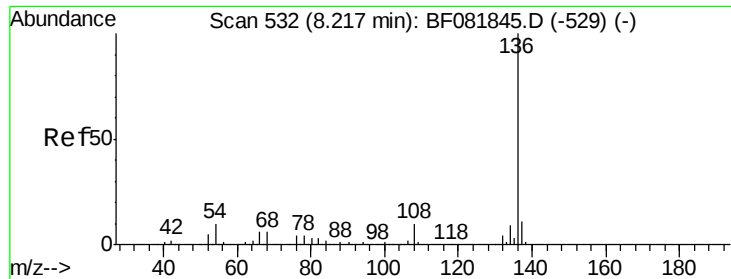
Tot Ion:	70	Resp:	240377
Ion	Ratio	Lower	Upper
70	100		
42	59.3	63.8	95.6#
101	9.1	9.2	13.8#
130	18.5	27.3	40.9#



#20
3+4-Methylphenols
Concen: 34.24 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:	107	Resp:	309887
Ion	Ratio	Lower	Upper
107	100		
108	87.7	74.6	114.6
77	120.6	0.7	40.7#
79	28.5	0.0	38.9

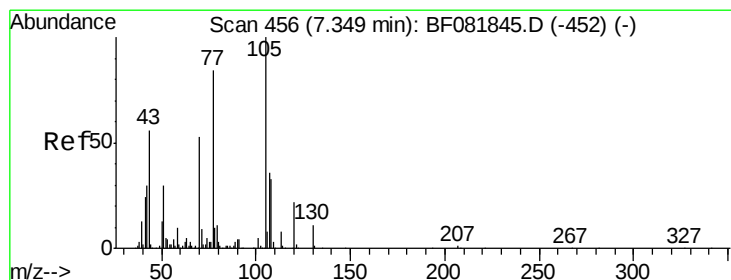
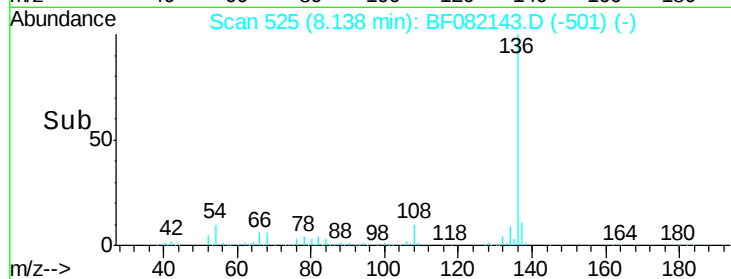
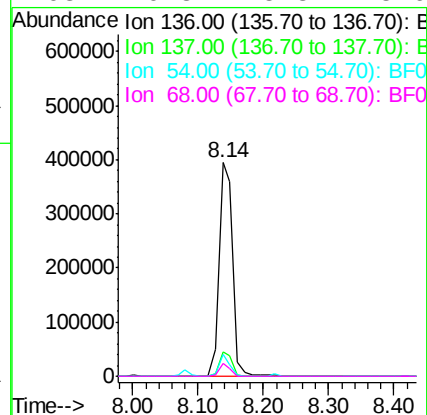
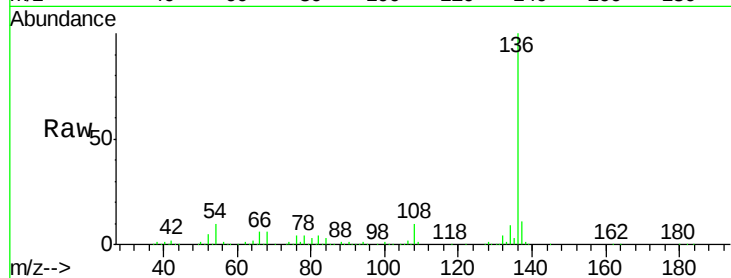




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

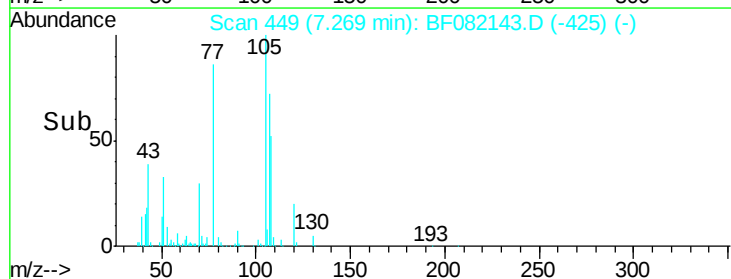
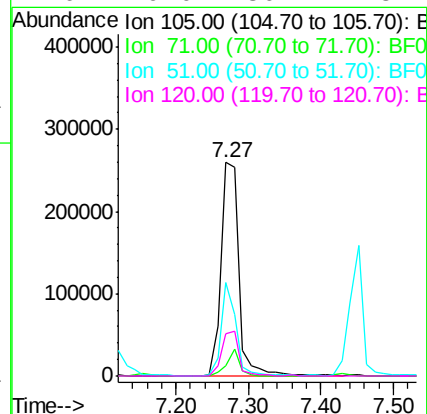
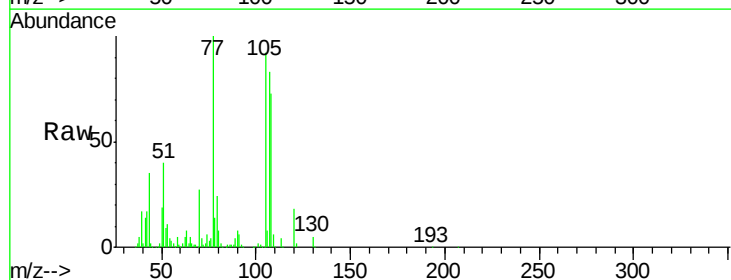
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 582647
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.6
54 10.1	8.2 12.2
68 6.3	5.8 8.6



#22
Acetophenone
Concen: 37.45 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt	Ion:105	Resp:	446158
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.7	7.1
51	44.0	22.0	33.0#
120	20.0	30.1	45.1#

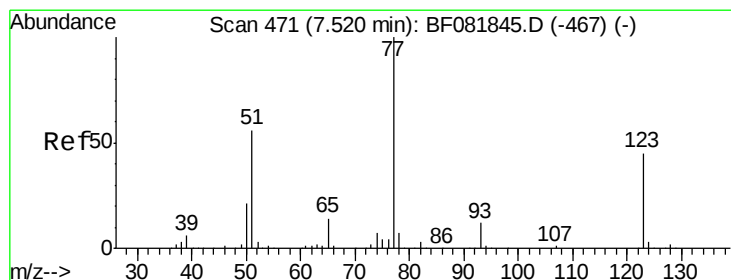
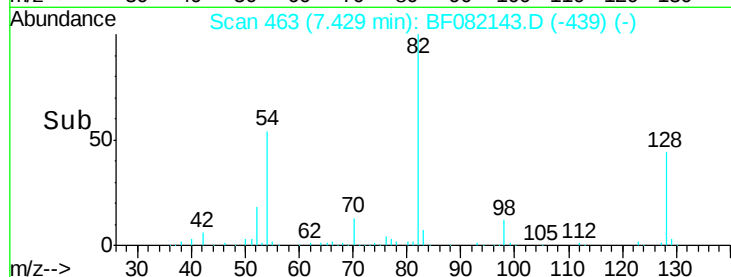
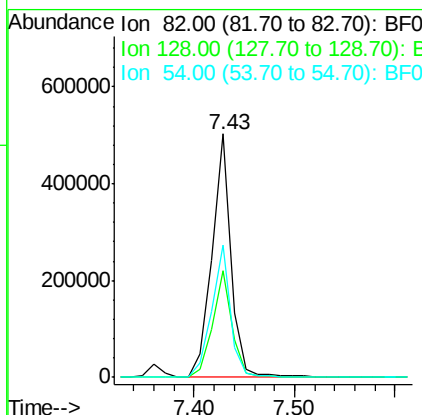
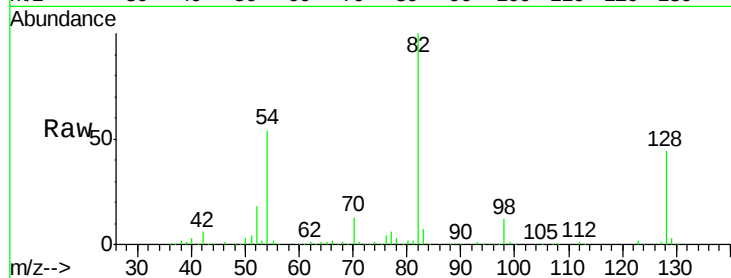




#23
Nitrobenzene-d5
Concen: 75.64 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

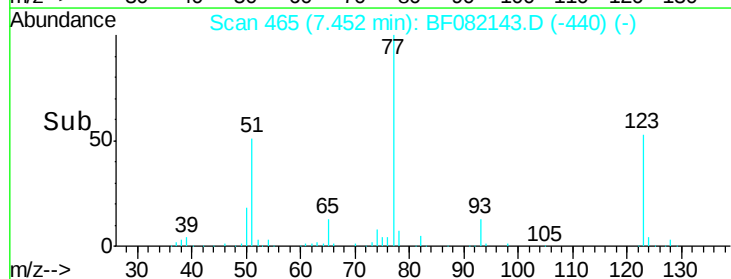
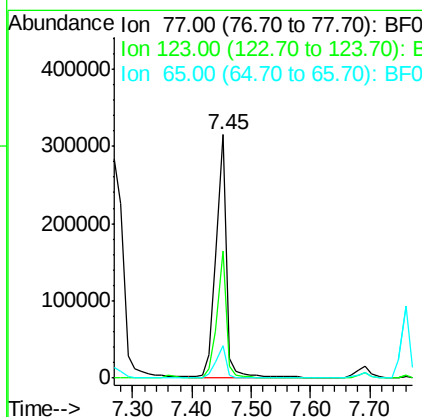
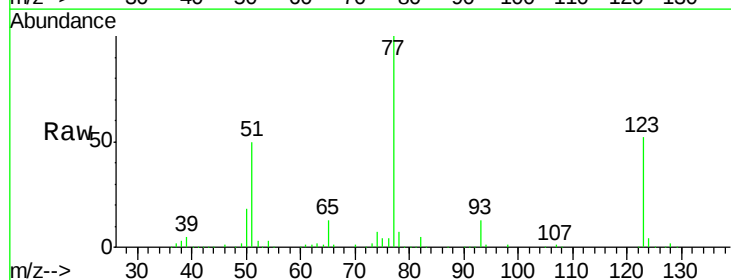
Instrument :
BNA_F
ClientSampleId :

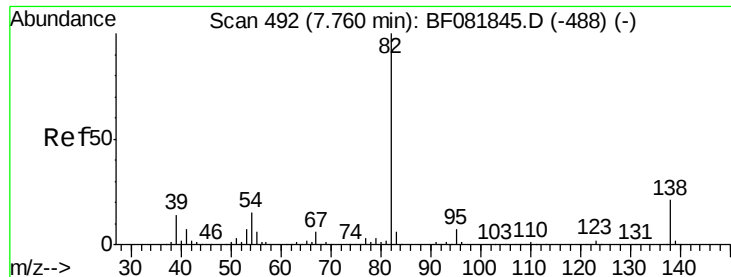
Tot Ion: 82 Resp: 661149
Ion Ratio Lower Upper
82 100
128 43.5 51.0 76.6#
54 54.2 47.5 71.3



#24
Nitrobenzene
Concen: 39.75 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 77 Resp: 377281
Ion Ratio Lower Upper
77 100
123 52.3 59.8 89.8#
65 13.1 10.2 15.4





#25

Isophorone

Concen: 39.58 ng

RT: 7.69 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampled :

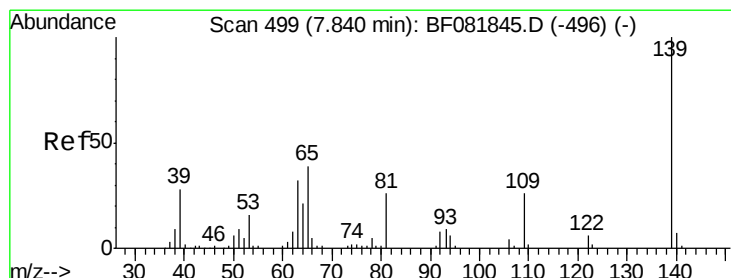
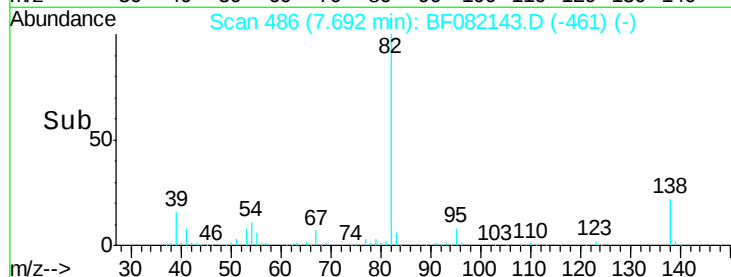
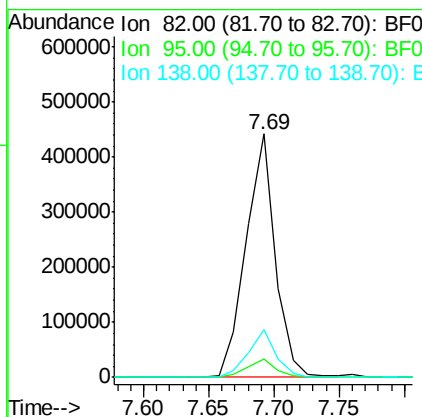
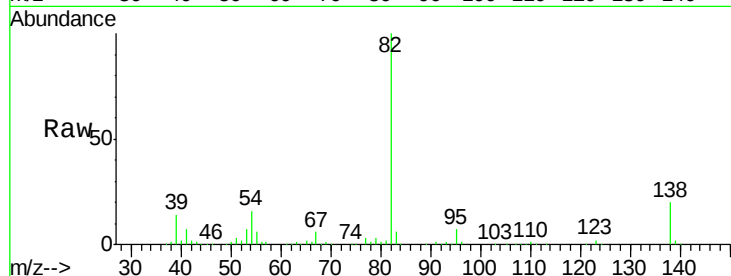
Tot Ion: 82 Resp: 685728

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

138 19.5 18.3 27.5



#26

2-Nitrophenol

Concen: 42.93 ng

RT: 7.76 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

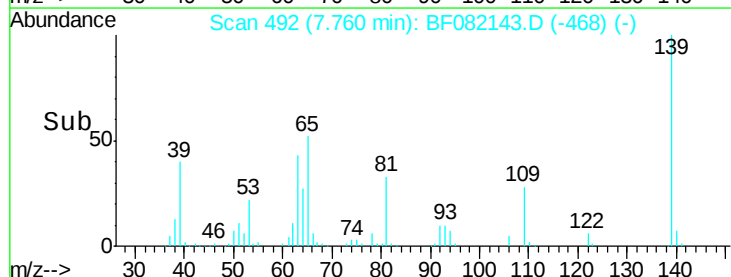
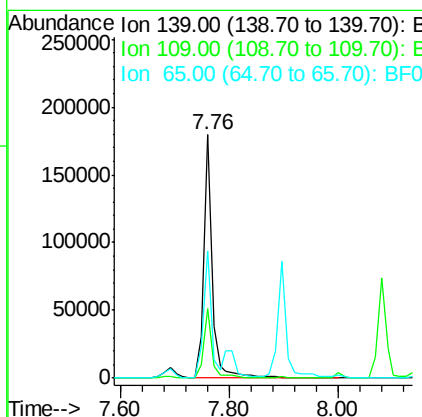
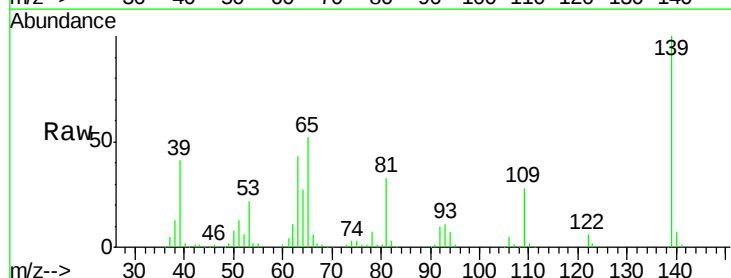
Tgt Ion: 139 Resp: 195582

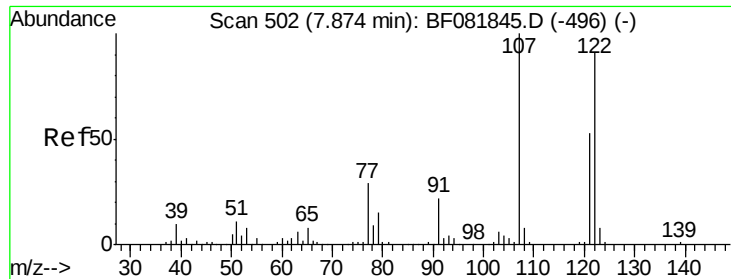
Ion Ratio Lower Upper

139 100

109 28.4 11.0 16.4#

65 52.0 24.7 37.1#

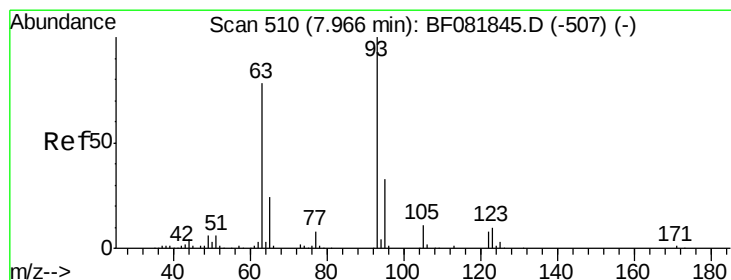
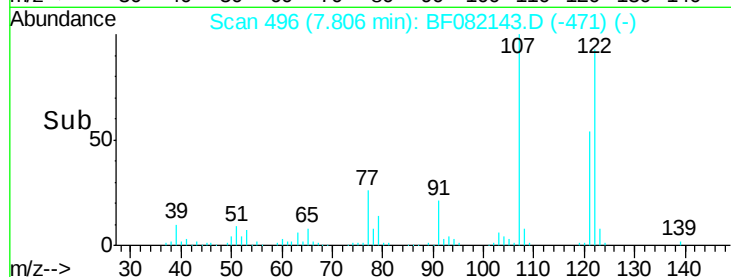
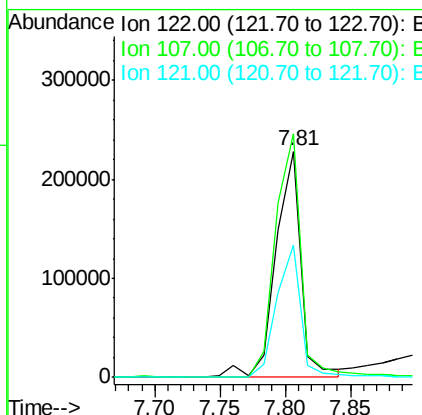
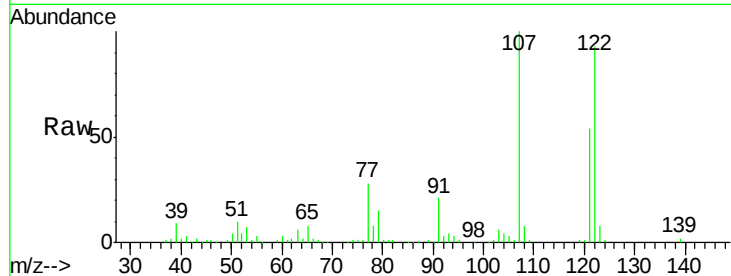




#27
 2,4-Dimethylphenol
 Concen: 38.71 ng
 RT: 7.81 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

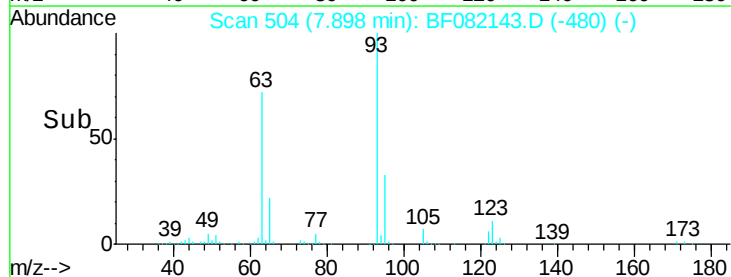
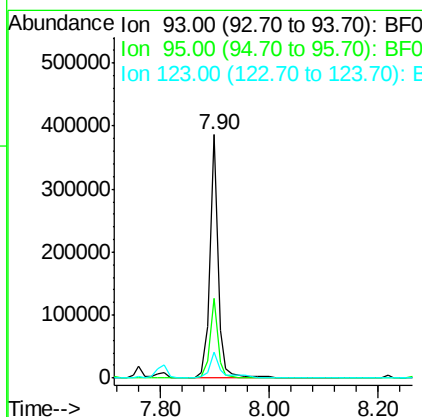
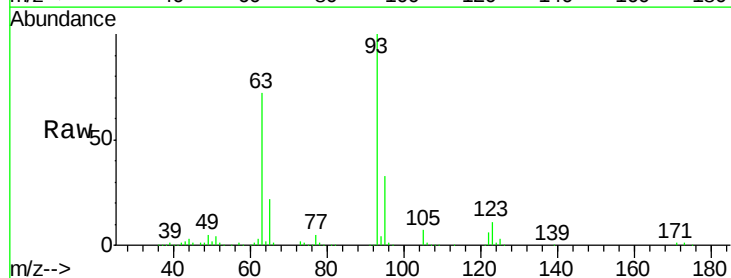
Instrument :
 BNA_F
 ClientSampleId :

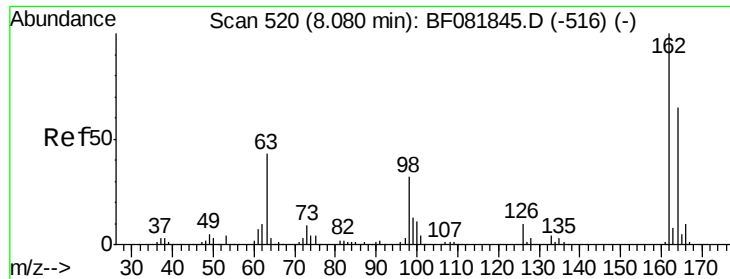
Tot Ion:122 Resp: 310213
 Ion Ratio Lower Upper
 122 100
 107 107.8 71.8 107.6#
 121 58.3 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.68 ng
 RT: 7.90 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion: 93 Resp: 408179
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.5 41.3
 123 10.8 13.7 20.5#

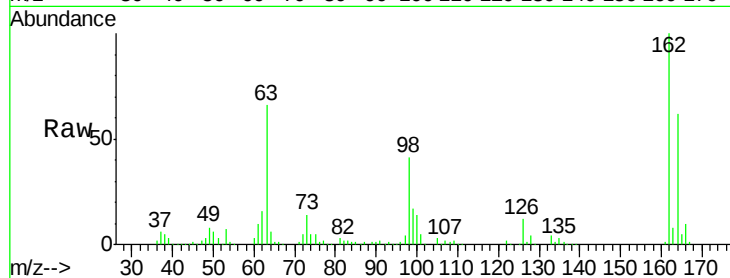




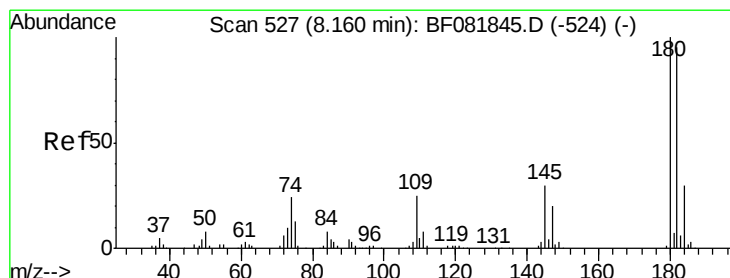
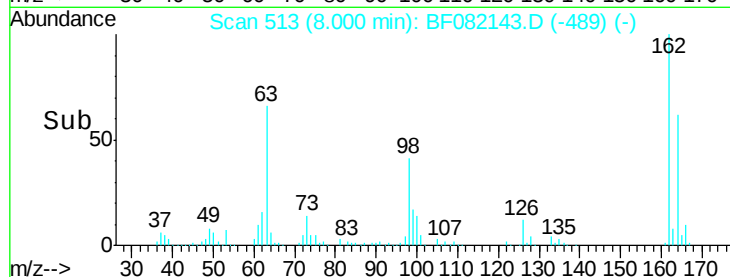
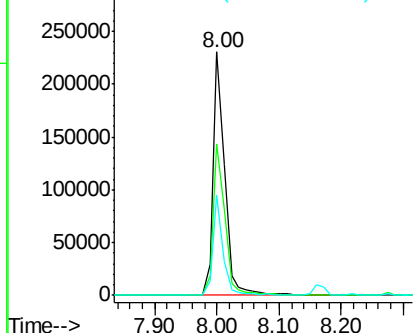
#29
 2,4-Dichlorophenol
 Concen: 38.29 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.9	84.9
98	41.4	13.0	53.0

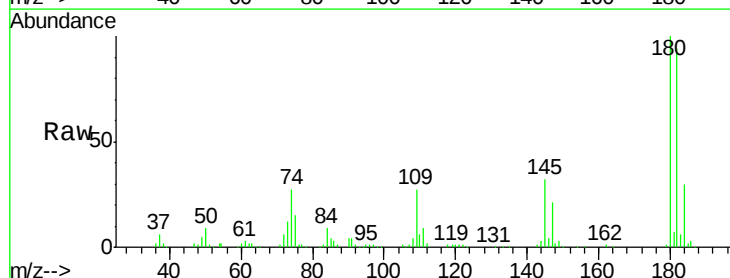


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

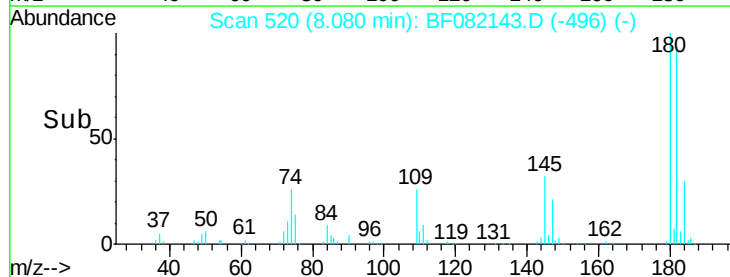
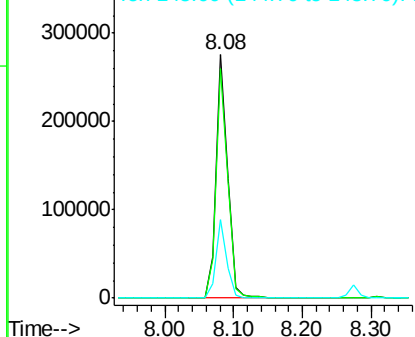


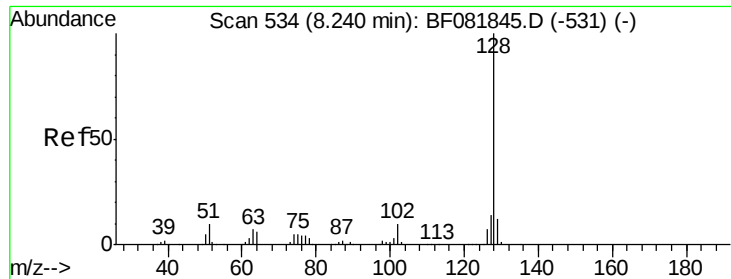
#30
 1,2,4-Trichlorobenzene
 Concen: 38.03 ng
 RT: 8.08 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.1	115.7
145	32.2	23.3	34.9



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

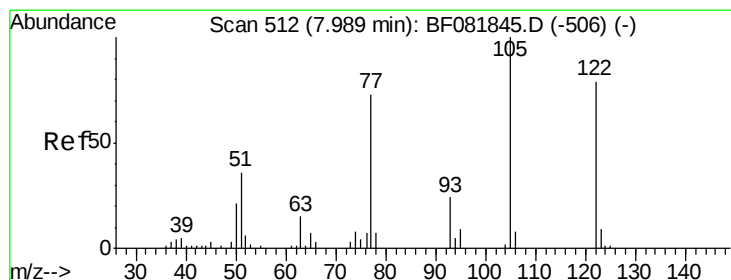
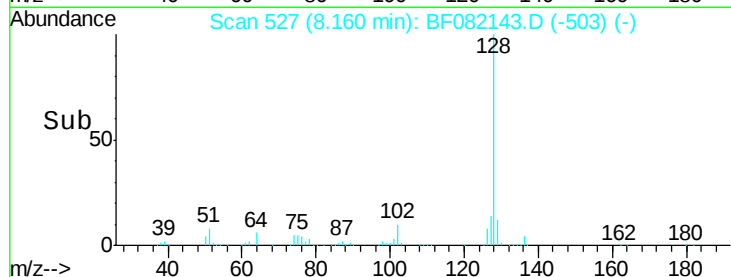
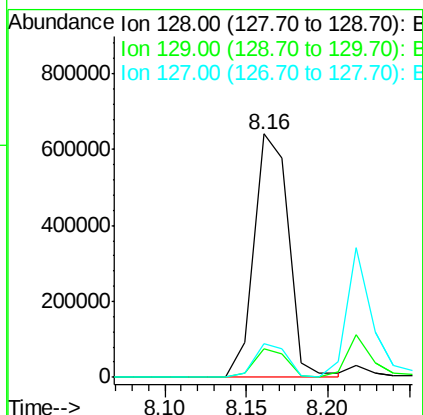
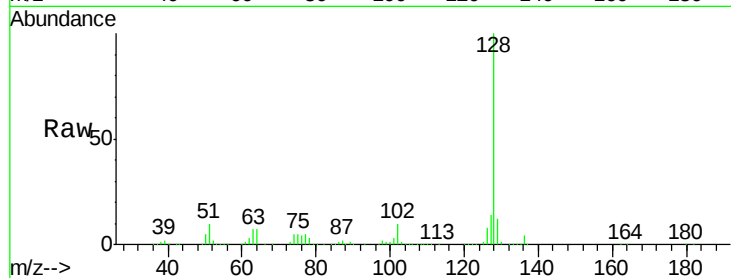




#31
Naphthalene
Concen: 36.47 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

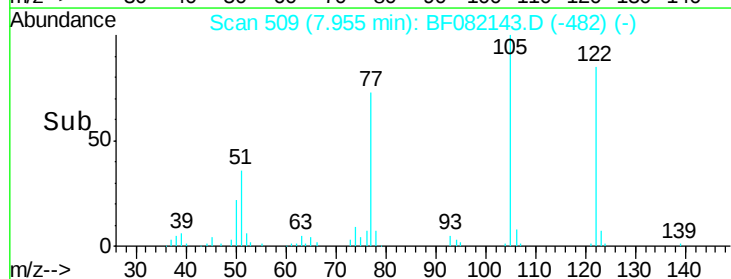
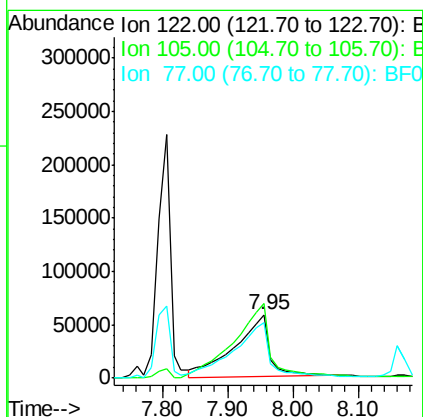
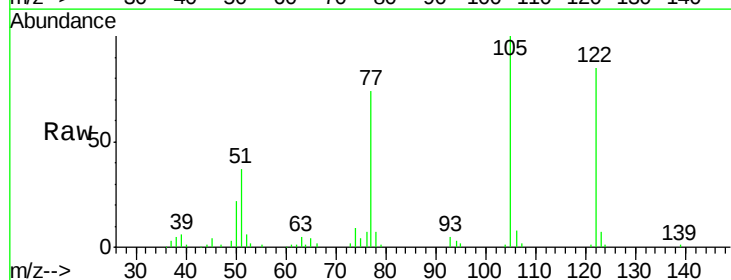
Instrument :
BNA_F
ClientSampled :

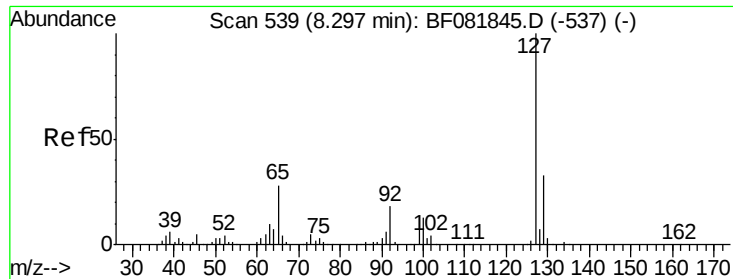
Tot Ion:128 Resp: 941655
Ion Ratio Lower Upper
128 100
129 11.8 8.4 12.6
127 13.6 9.9 14.9



#32
Benzoic acid
Concen: 45.56 ng
RT: 7.95 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:122 Resp: 216290
Ion Ratio Lower Upper
122 100
105 118.0 76.1 116.1#
77 87.8 40.5 80.5#

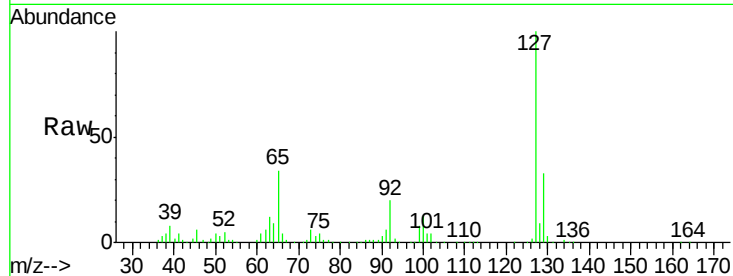




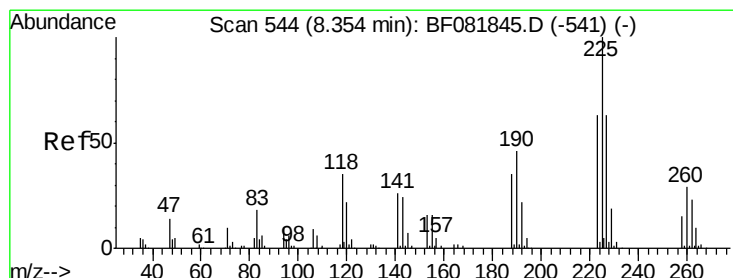
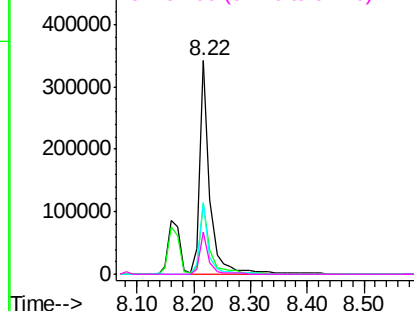
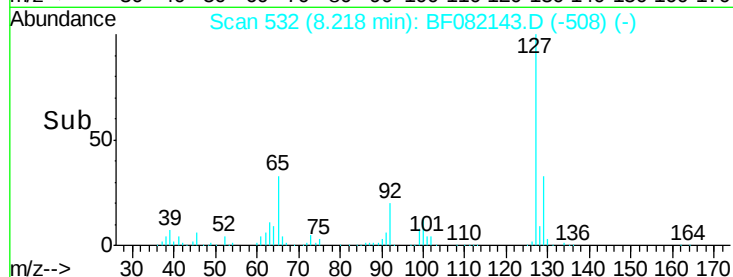
#33
4-Chloroaniline
Concen: 36.58 ng
RT: 8.22 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	408352
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	33.6	17.9	26.9#
92	19.9	10.5	15.7#

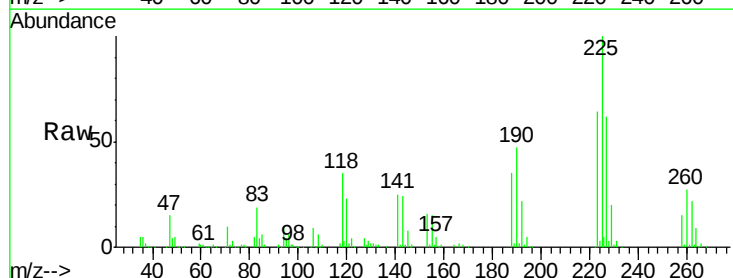


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

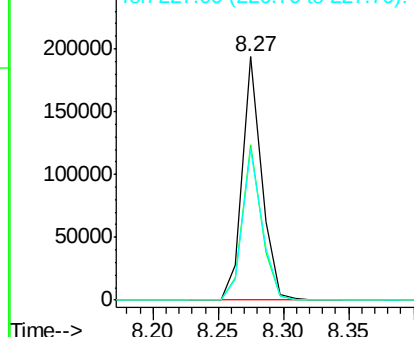
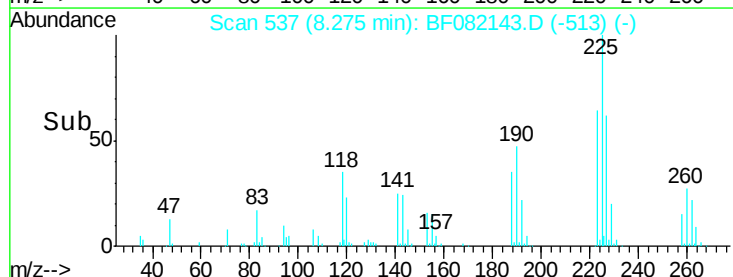


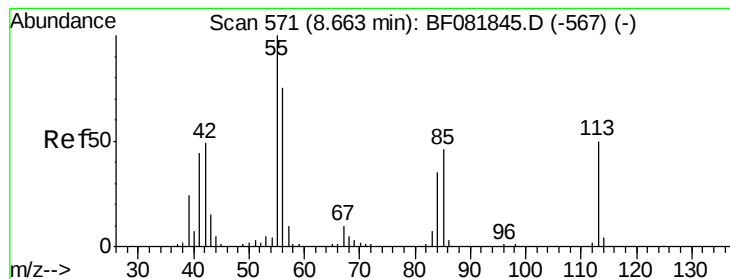
#34
Hexachlorobutadiene
Concen: 38.78 ng
RT: 8.27 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:	225	Resp:	198988
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	62.3	52.2	78.2



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: 39.95 ng

RT: 8.62 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

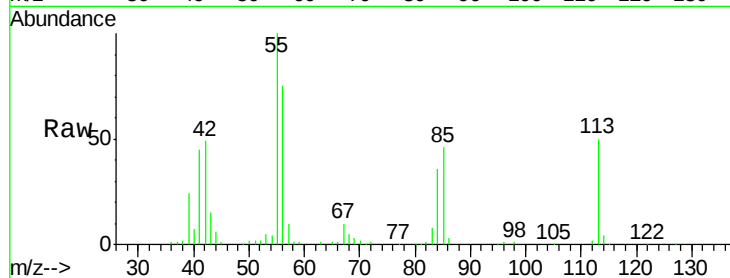
Tot Ion:113 Resp: 85960

Ion Ratio Lower Upper

113 100

55 198.5 152.4 192.4#

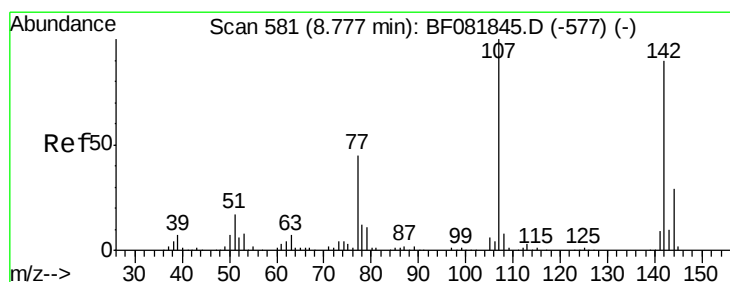
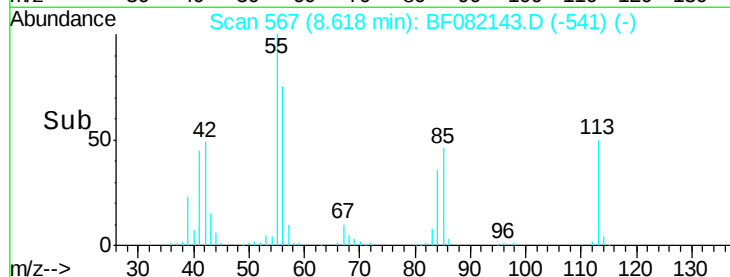
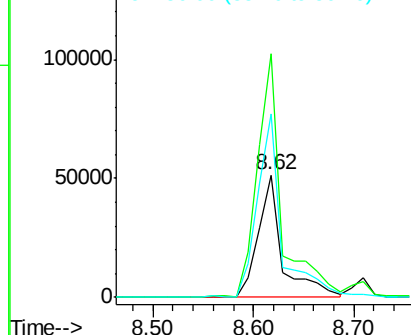
56 149.2 104.6 144.6#



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: 42.33 ng

RT: 8.71 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

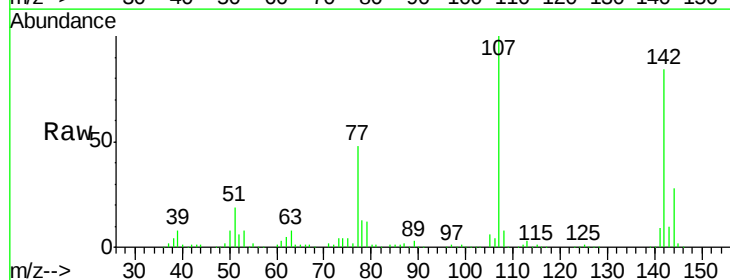
Tgt Ion:107 Resp: 321655

Ion Ratio Lower Upper

107 100

144 27.6 25.4 38.0

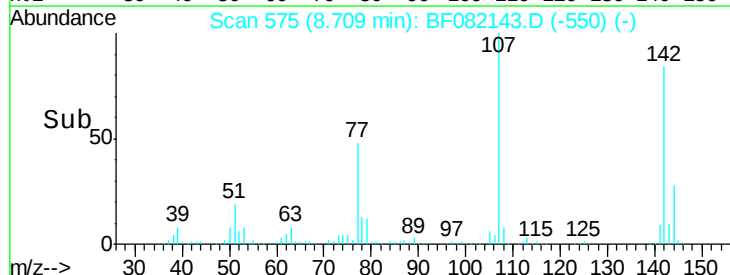
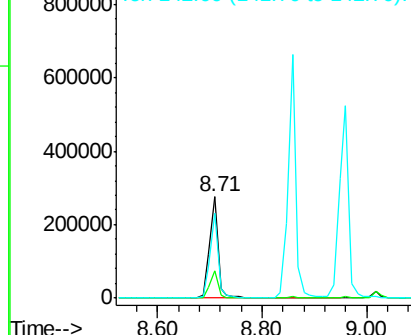
142 84.1 77.3 115.9

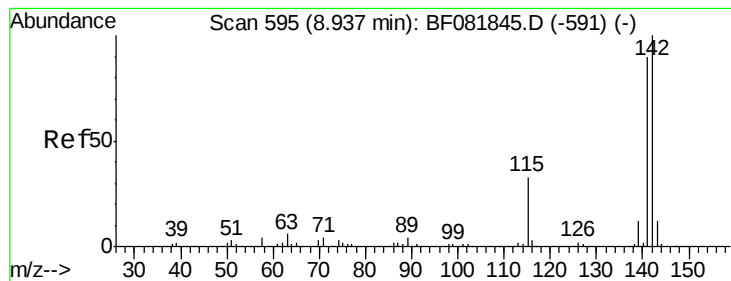


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.56 ng

RT: 8.86 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

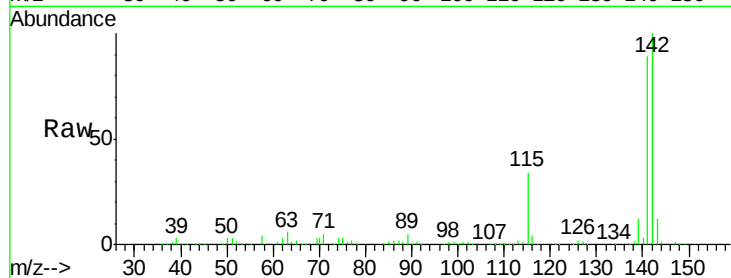
Tot Ion:142 Resp: 679485

Ion Ratio Lower Upper

142 100

141 89.4 67.5 101.3

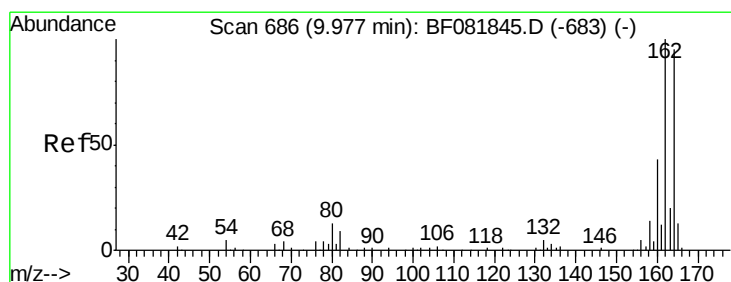
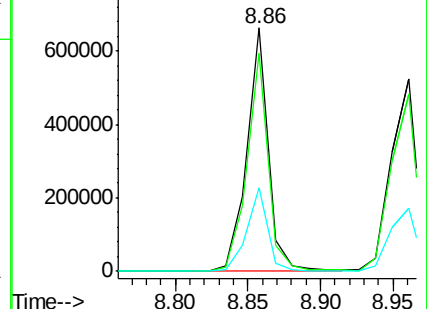
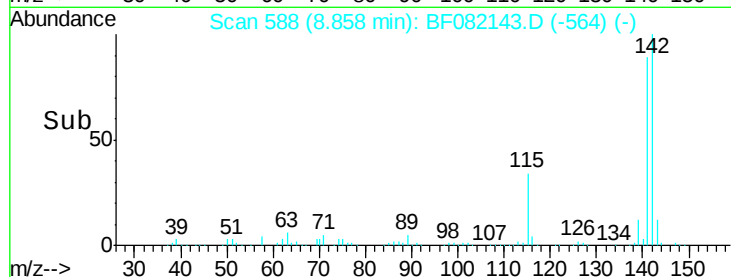
115 34.2 18.2 27.2#



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: 9.90 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

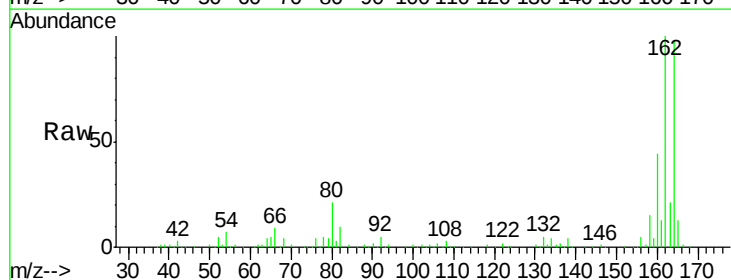
Tgt Ion:164 Resp: 285765

Ion Ratio Lower Upper

164 100

162 101.8 75.2 112.8

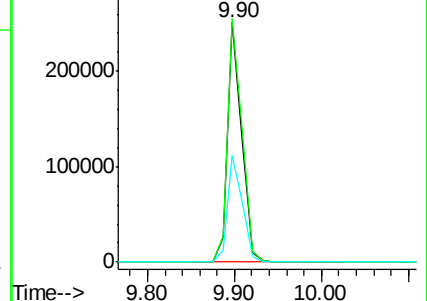
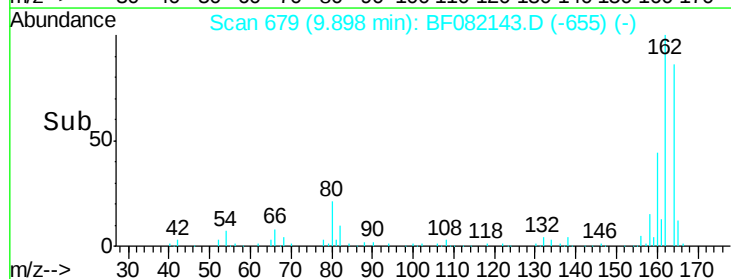
160 44.4 31.5 47.3



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: 37.49 ng

RT: 9.02 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 328938

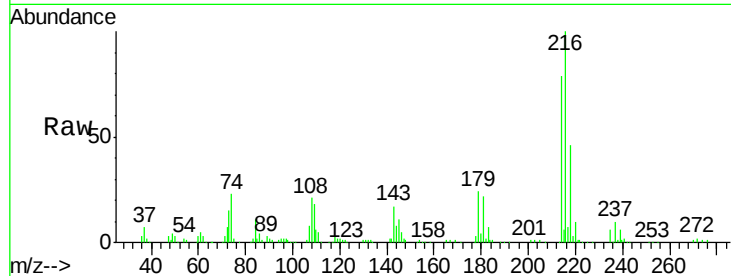
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.1 16.6 24.8

108 17.1 16.3 24.5

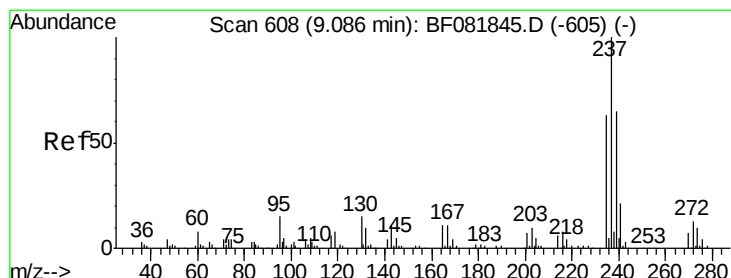
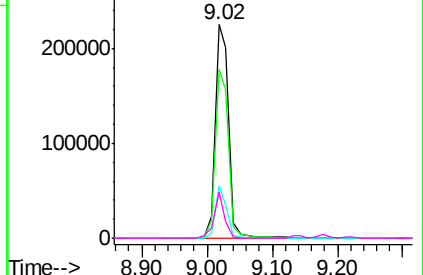
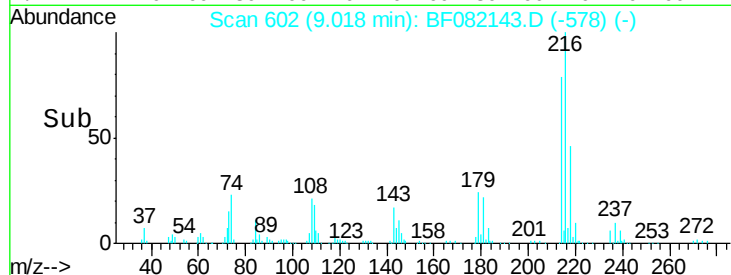


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.09 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

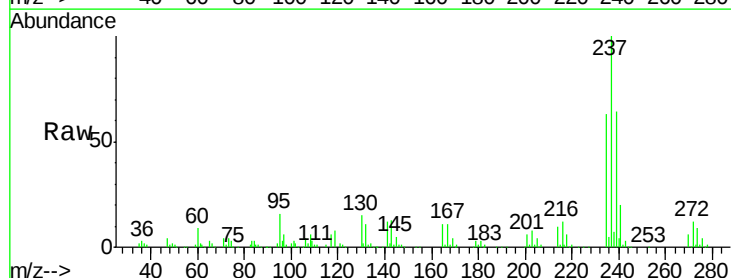
Tgt Ion:237 Resp: 172085

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

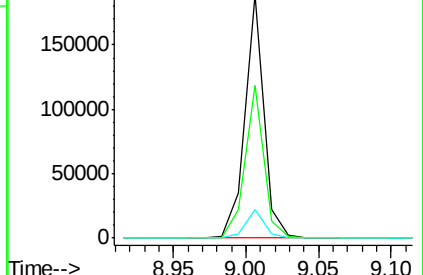
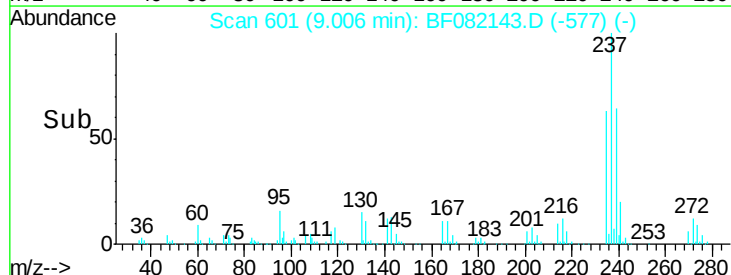
272 11.6 0.0 36.1

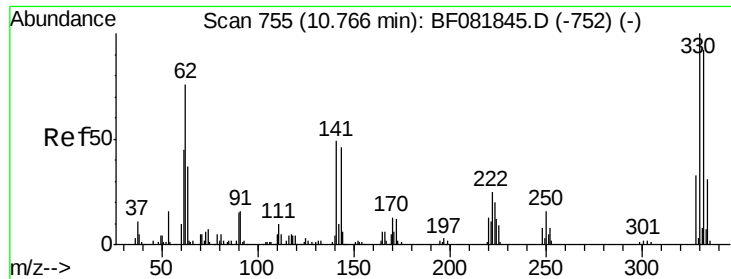


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

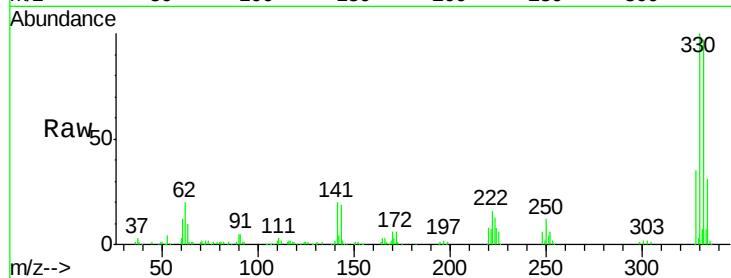




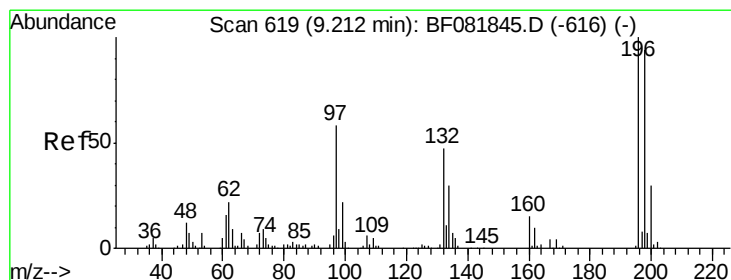
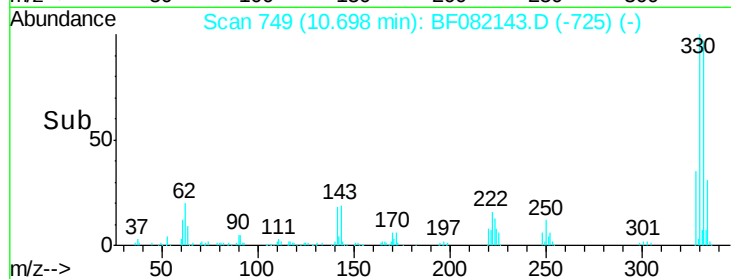
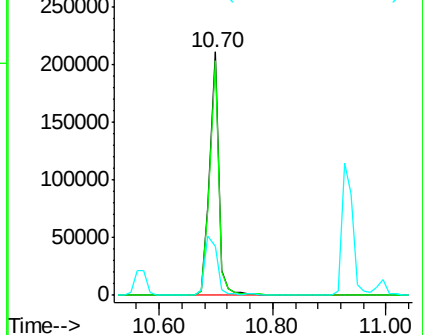
#41
 2,4,6-Tribromophenol
 Concen: 78.86 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 228239
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 31.8 29.7 44.5

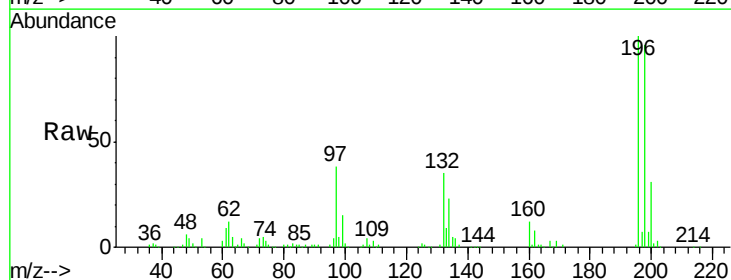


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

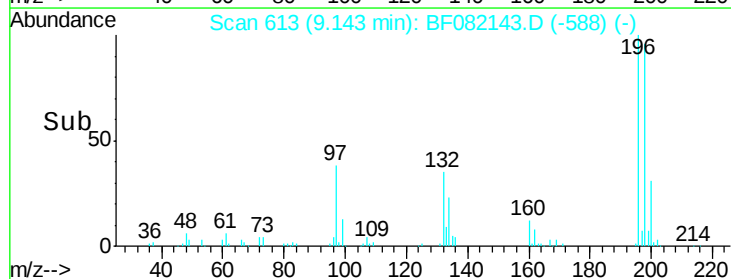
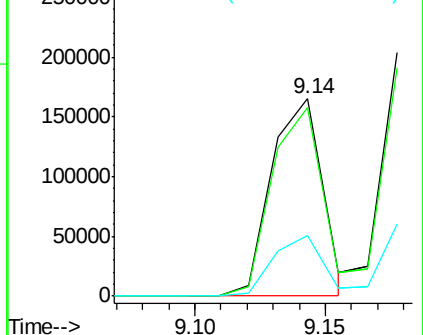


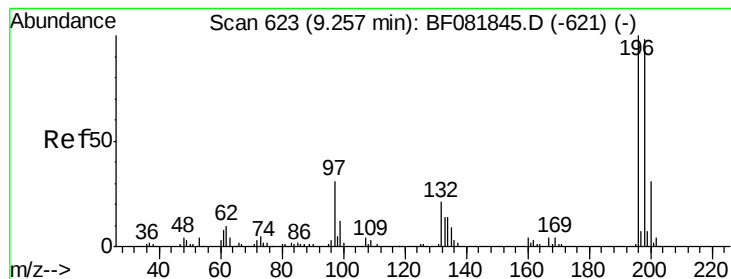
#42
 2,4,6-Trichlorophenol
 Concen: 37.26 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion:196 Resp: 224069
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 31.1 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

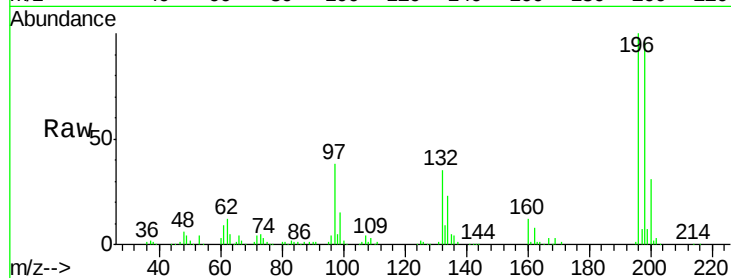




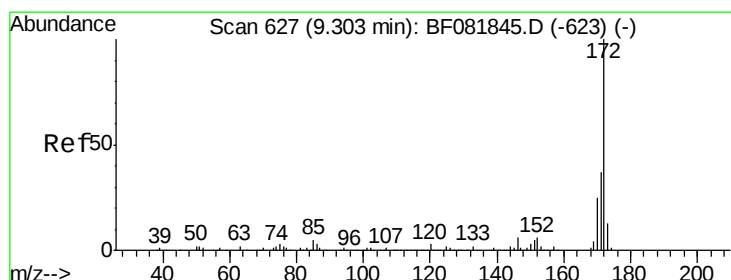
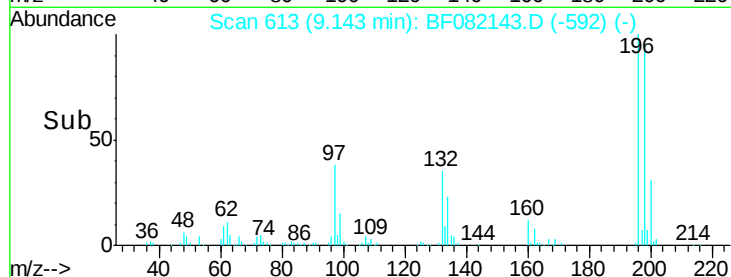
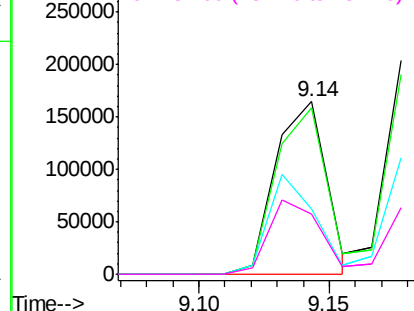
#43
 2,4,5-Trichlorophenol
 Concen: 36.23 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 224069
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.4 113.0
 97 38.0 33.3 49.9
 132 35.1 24.6 37.0

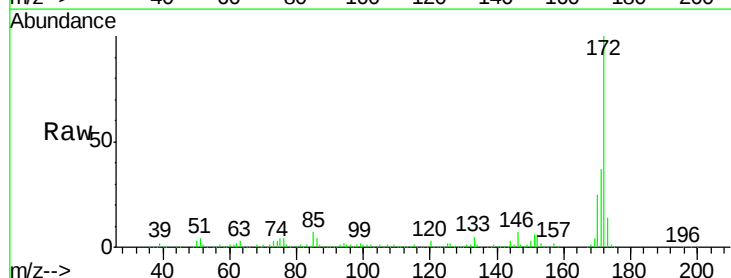


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

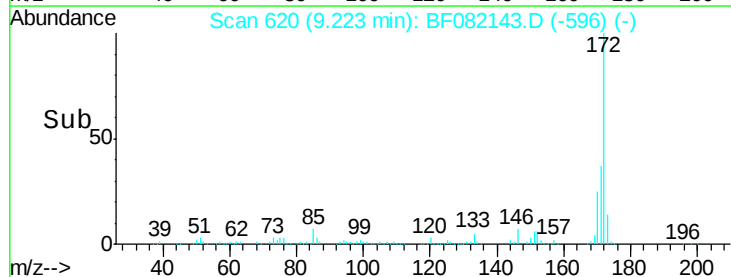
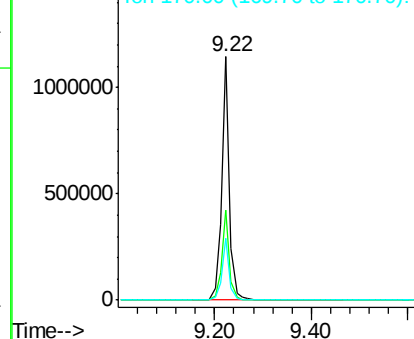


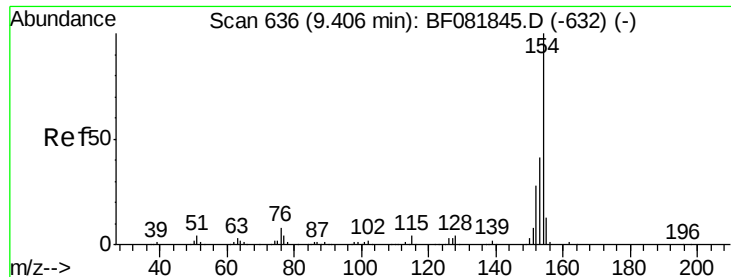
#44
 2-Fluorobiphenyl
 Concen: 73.08 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion:172 Resp: 1282511
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 25.2 17.4 26.2



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: 38.98 ng

RT: 9.33 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampled :

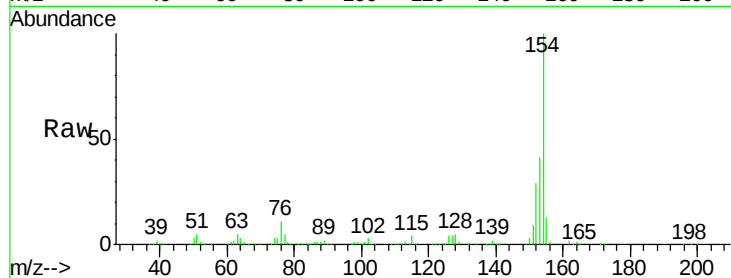
Tot Ion:154 Resp: 859383

Ion Ratio Lower Upper

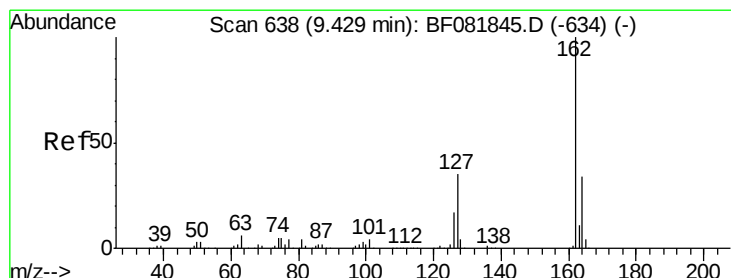
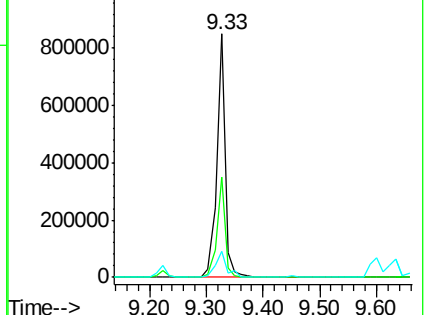
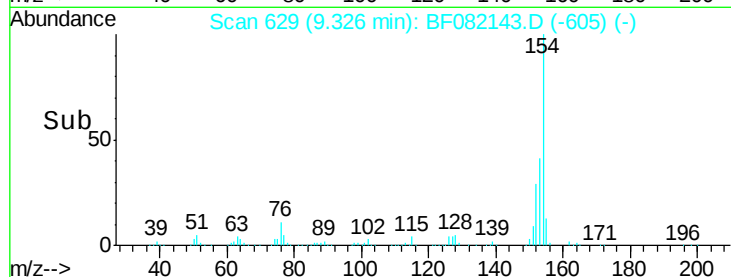
154 100

153 41.2 17.1 57.1

76 10.5 0.0 31.6



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



#46

2-Chloronaphthalene

Concen: 37.90 ng

RT: 9.35 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

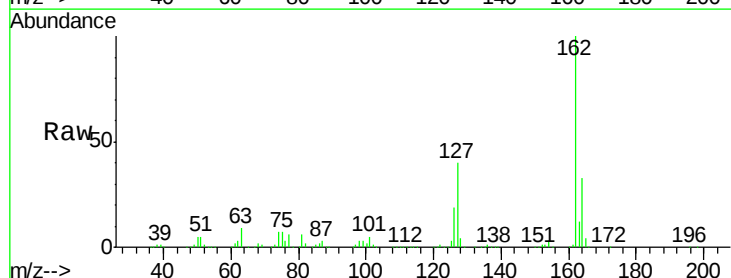
Tgt Ion:162 Resp: 656120

Ion Ratio Lower Upper

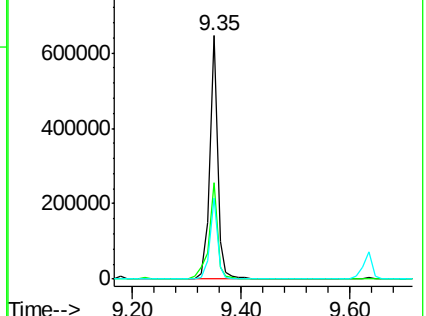
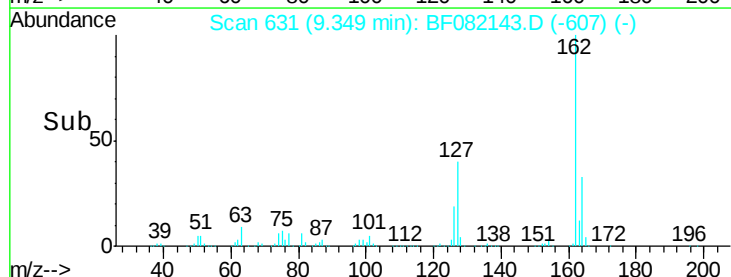
162 100

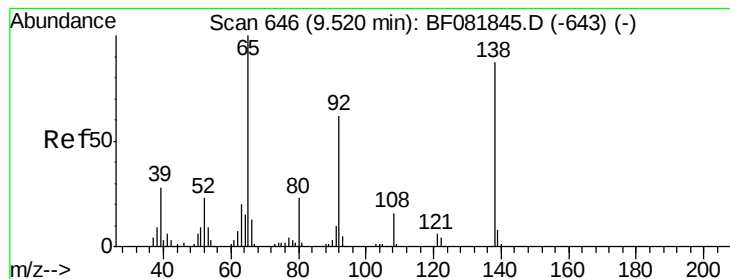
127 39.7 27.6 41.4

164 33.1 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.92 ng

RT: 9.45 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampled :

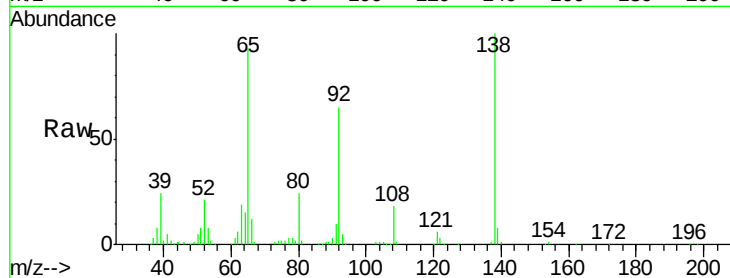
Tot Ion: 65 Resp: 207965

Ion Ratio Lower Upper

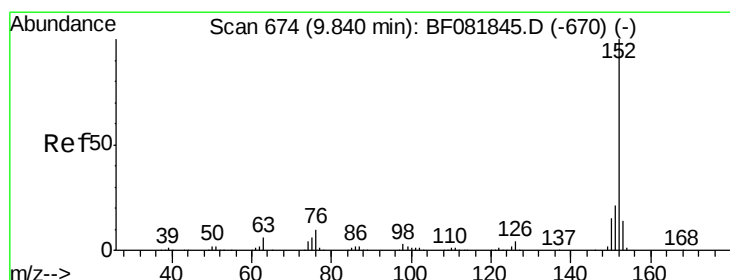
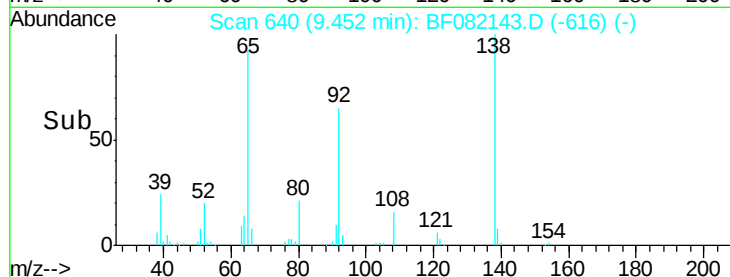
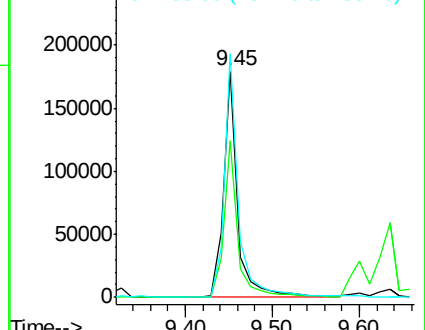
65 100

92 69.4 55.4 83.0

138 107.6 115.5 173.3#



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: 34.73 ng

RT: 9.76 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

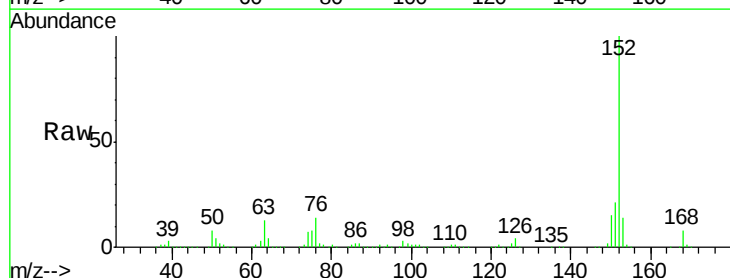
Tgt Ion: 152 Resp: 962220

Ion Ratio Lower Upper

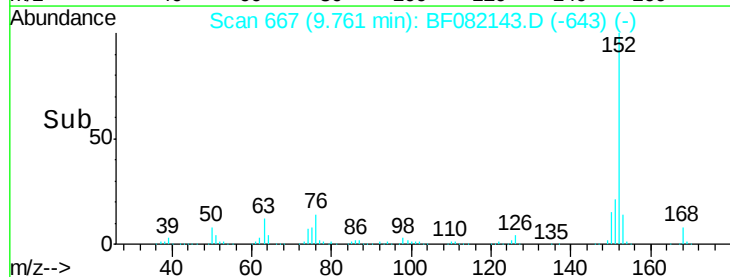
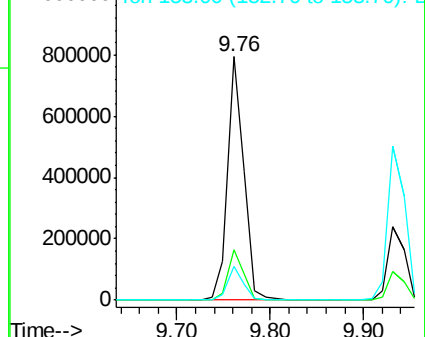
152 100

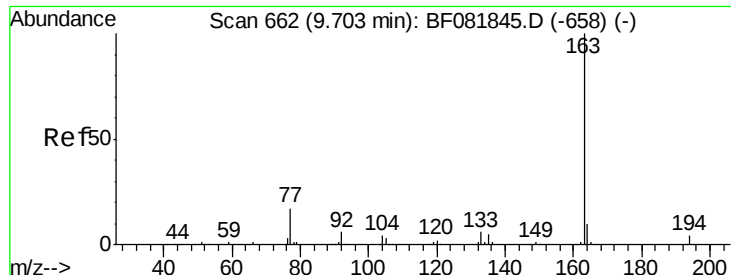
151 20.9 14.6 22.0

153 14.1 10.3 15.5



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

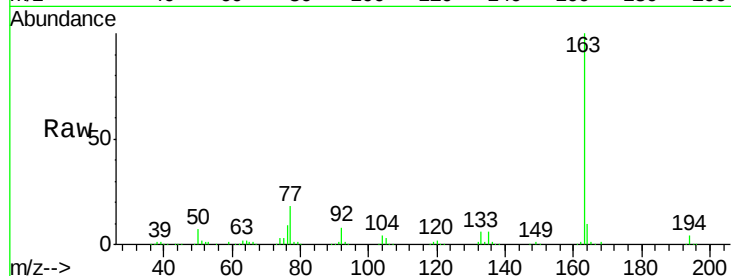




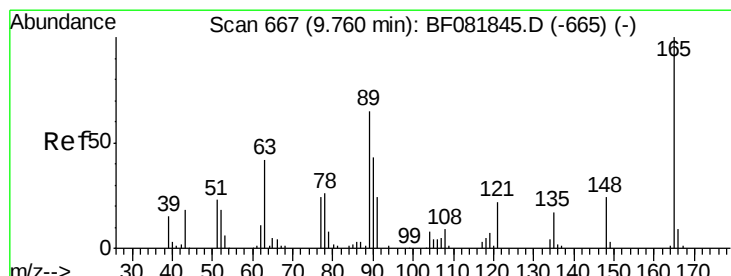
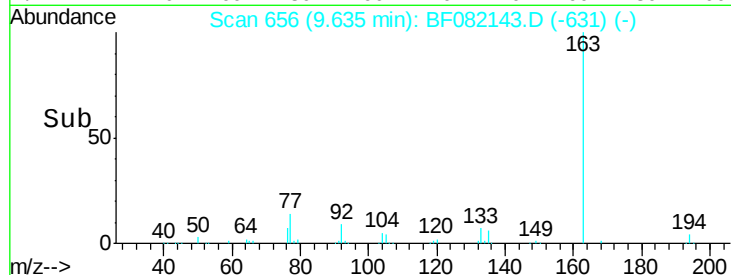
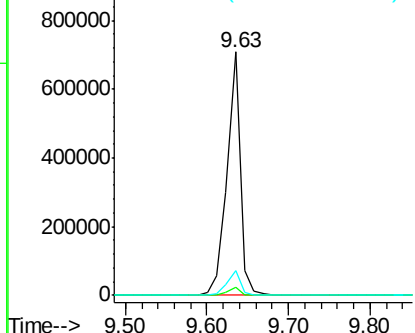
#49
Dimethylphthalate
Concen: 40.71 ng
RT: 9.63 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 803067
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.3 8.3 12.5

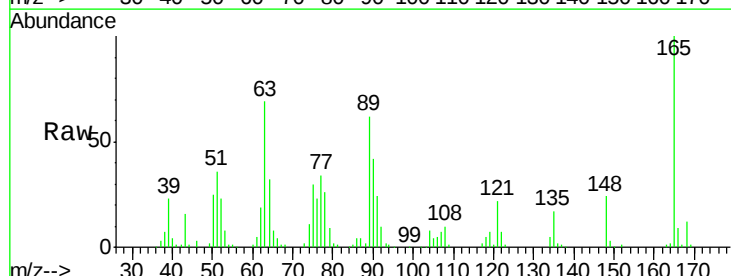


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

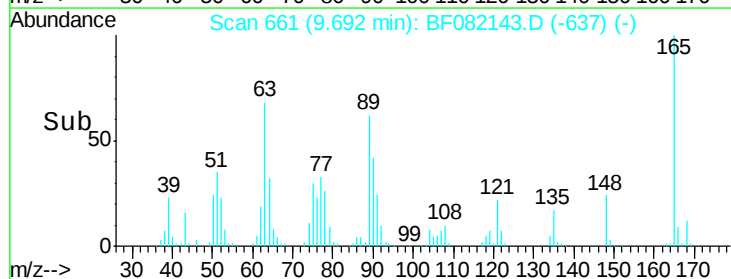
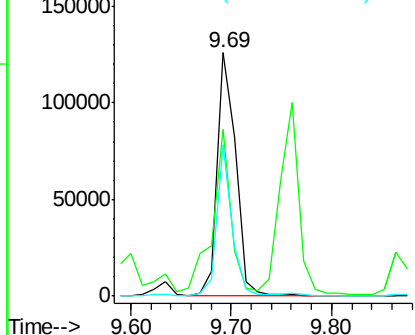


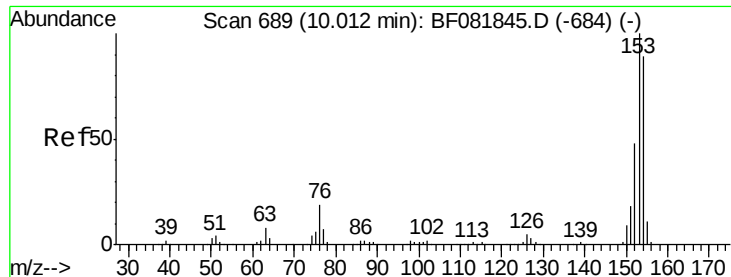
#50
2,6-Dinitrotoluene
Concen: 37.74 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:165 Resp: 161613
Ion Ratio Lower Upper
165 100
63 68.5 32.3 48.5#
89 62.2 28.6 43.0#



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: 38.41 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

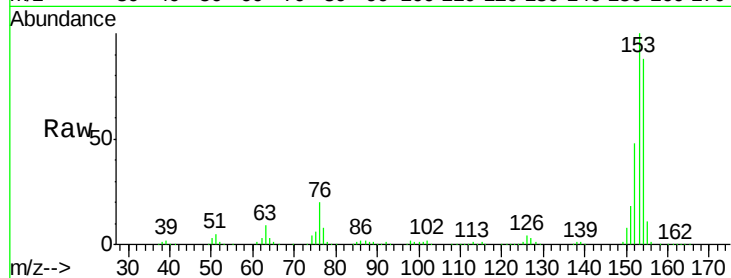
Tot Ion:154 Resp: 631881

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

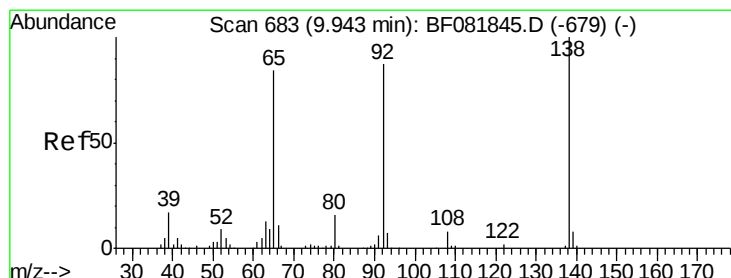
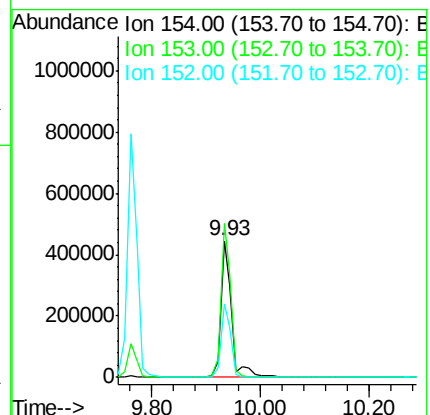
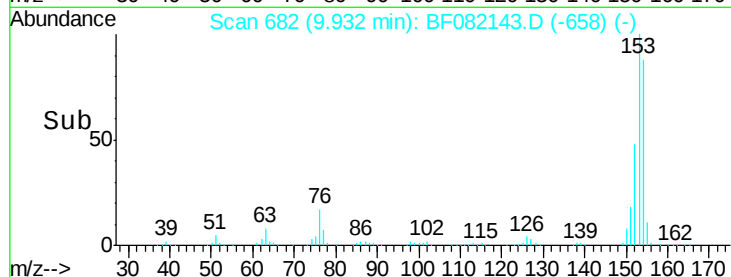
152 54.0 37.9 56.9



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: 37.75 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

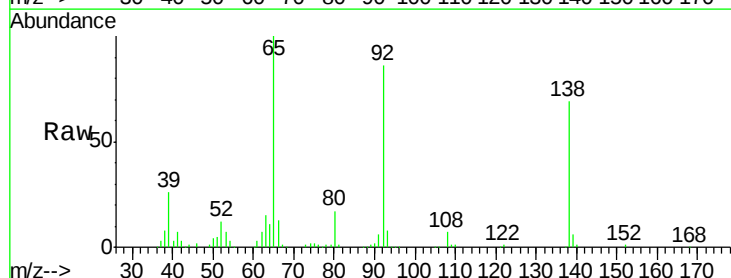
Tgt Ion:138 Resp: 187023

Ion Ratio Lower Upper

138 100

108 10.2 5.7 8.5#

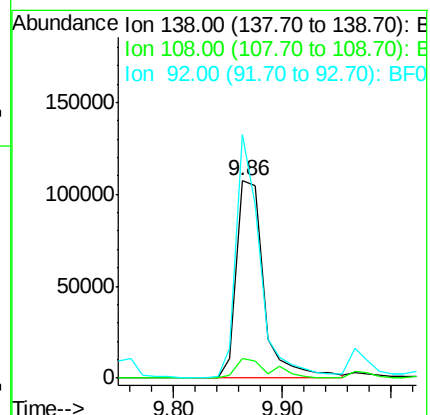
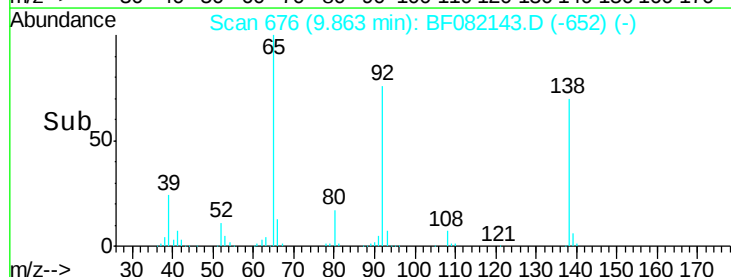
92 123.4 67.7 101.5#



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

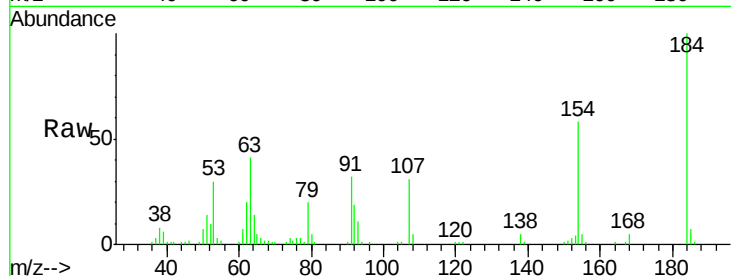




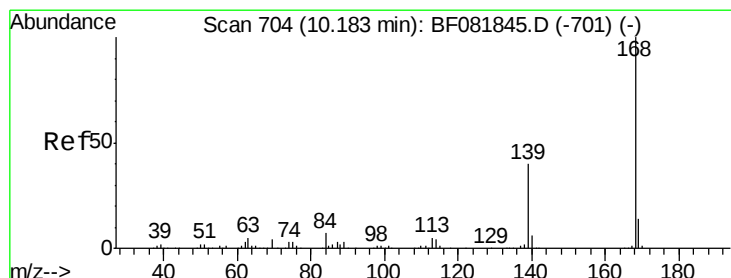
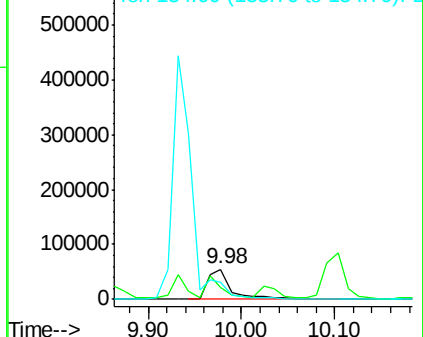
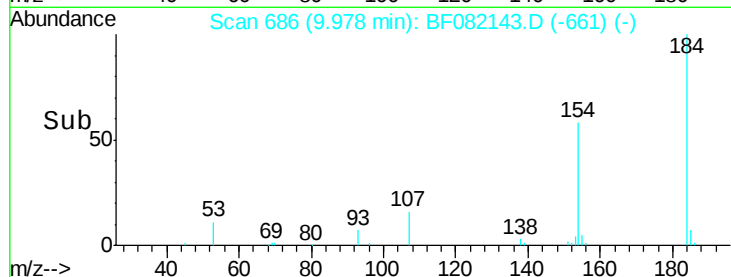
#53
2,4-Dinitrophenol
Concen: 58.15 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 98269
Ion Ratio Lower Upper
184 100
63 40.8 35.4 53.2
154 58.2 32.2 48.4#

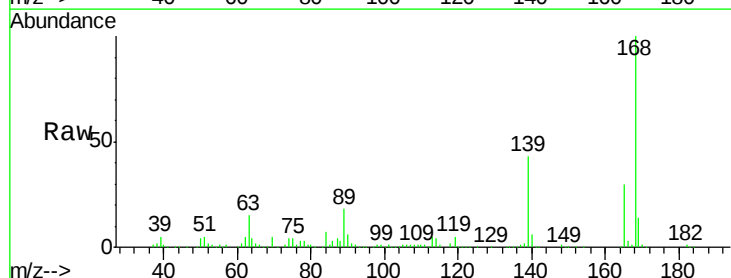


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

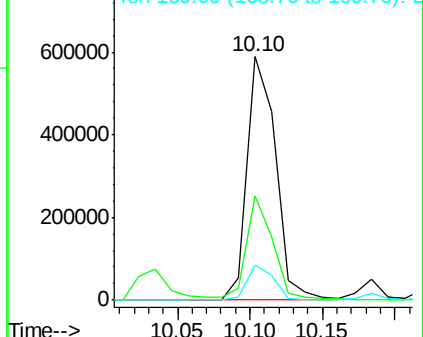
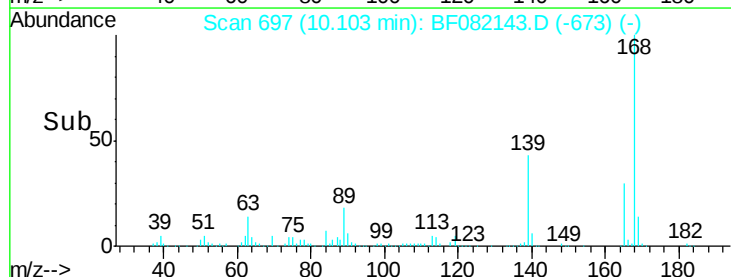


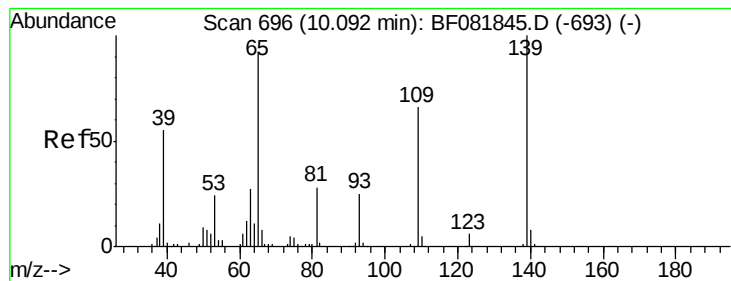
#54
Dibenzofuran
Concen: 34.76 ng
RT: 10.10 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:168 Resp: 808324
Ion Ratio Lower Upper
168 100
139 42.7 24.2 36.2#
169 14.2 10.6 15.8



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





#55

4-Nitrophenol

Concen: 34.47 ng

RT: 10.03 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

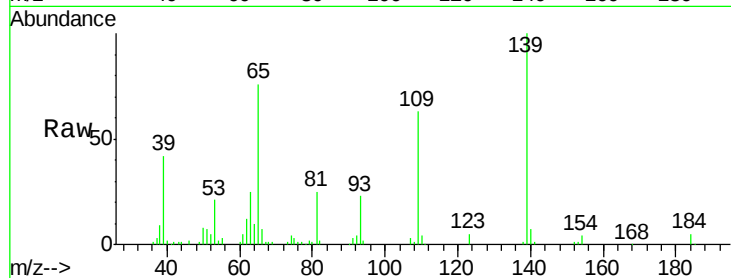
Tot Ion:139 Resp: 123408

Ion Ratio Lower Upper

139 100

109 62.6 12.7 52.7#

65 76.5 45.9 85.9

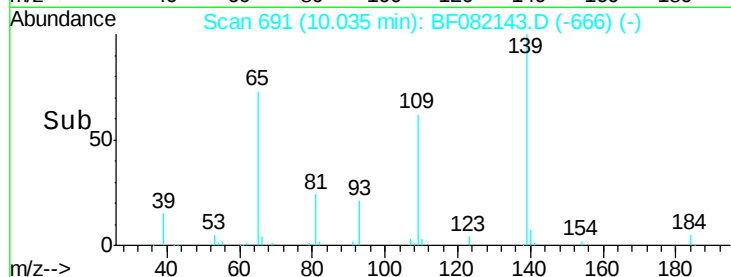


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->

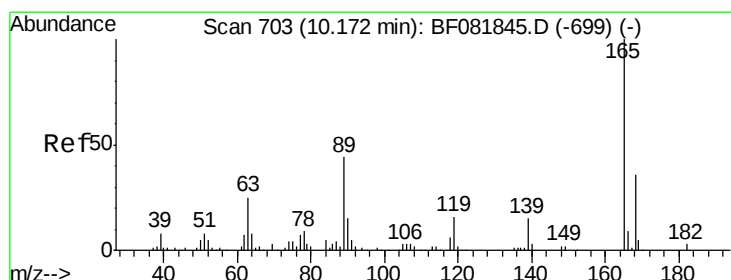


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 41.68 ng

RT: 10.10 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Tgt Ion:165 Resp: 227529

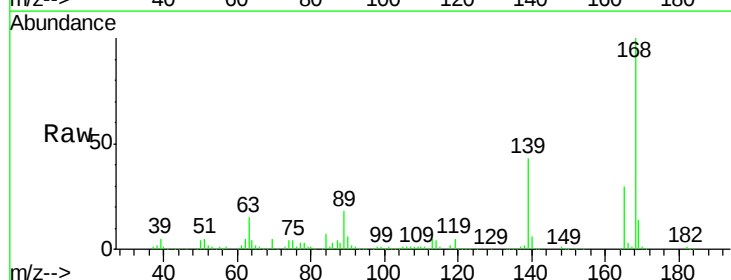
Ion Ratio Lower Upper

165 100

63 48.5 29.8 44.6#

89 61.2 44.5 66.7

182 2.4 3.0 4.4#



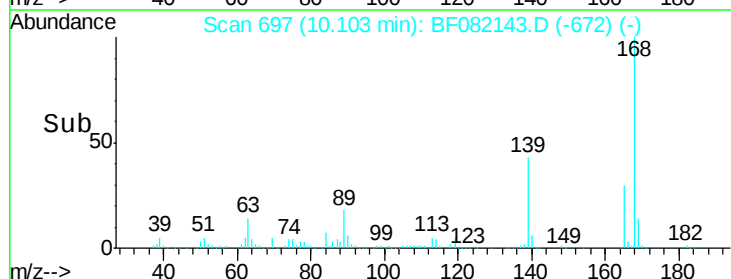
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

Time-->



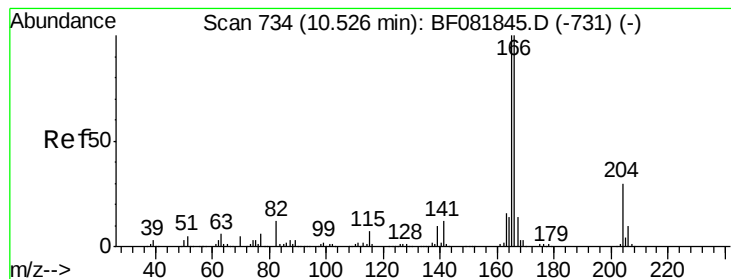
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

Time-->



#57

Fluorene

Concen: 38.95 ng

RT: 10.45 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampled :

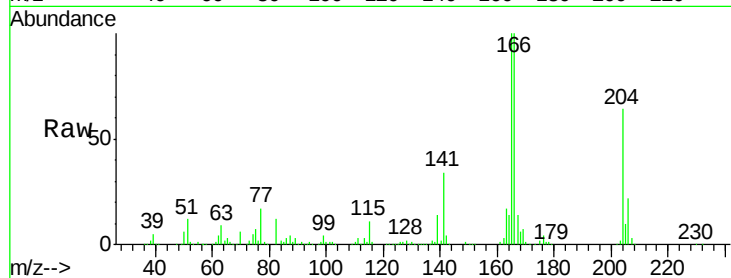
Tot Ion:166 Resp: 652525

Ion Ratio Lower Upper

166 100

165 99.7 72.6 109.0

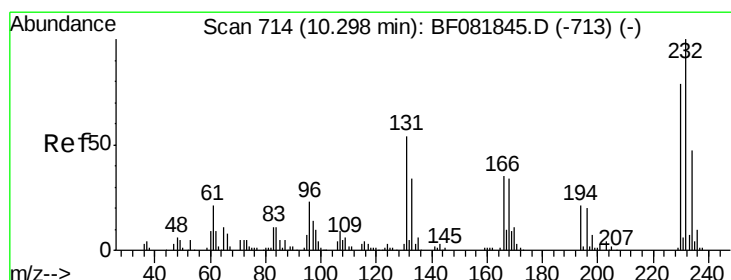
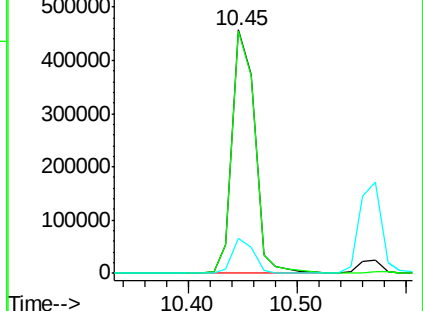
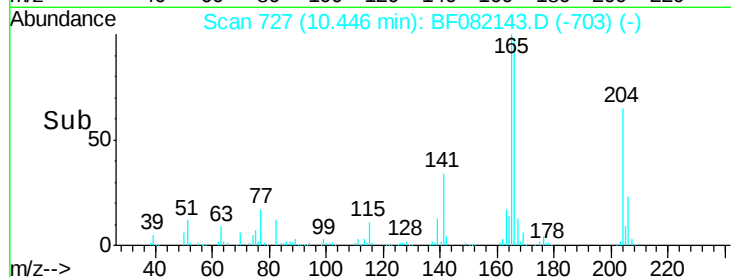
167 14.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.49 ng

RT: 10.23 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Tgt Ion:232 Resp: 208438

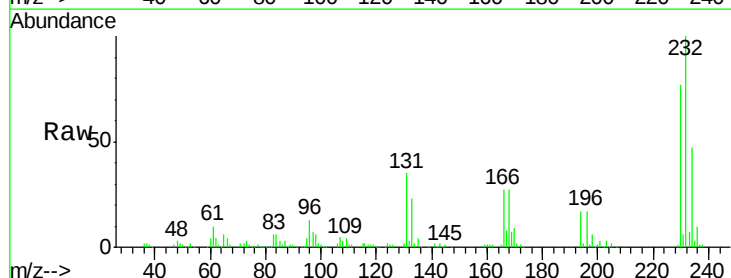
Ion Ratio Lower Upper

232 100

131 41.5 38.5 57.7

130 1.9 1.8 2.6

166 28.3 25.0 37.6

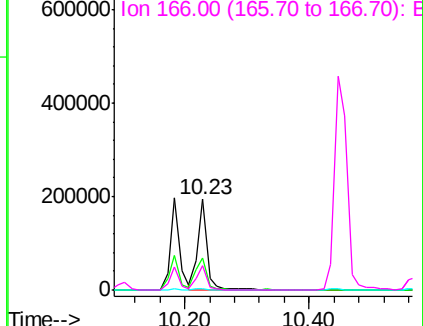
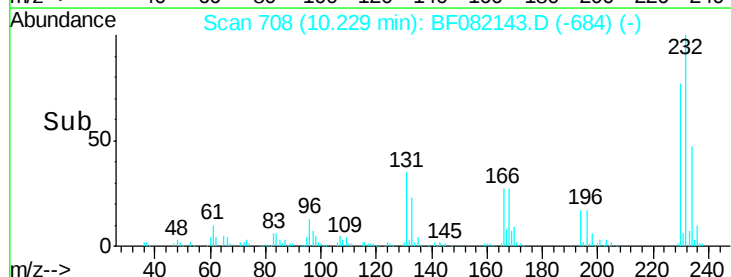


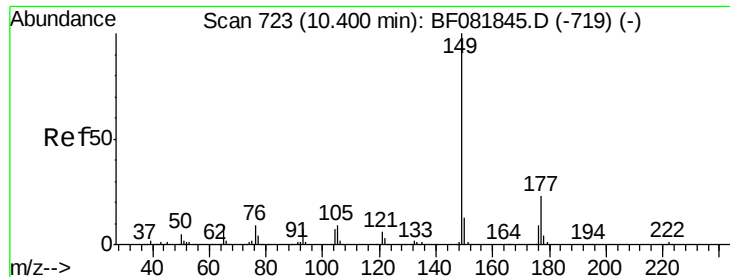
Abundance Ion 232.00 (231.70 to 232.70): E

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

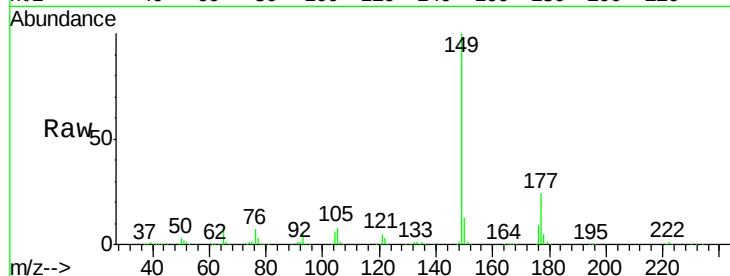




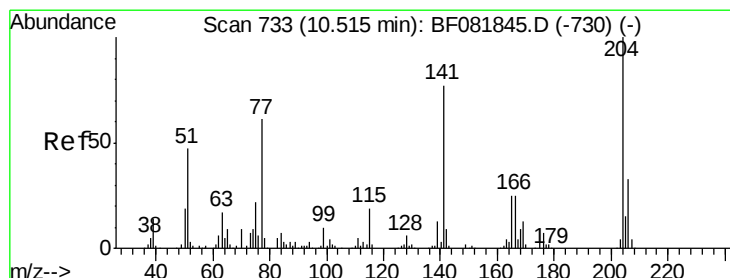
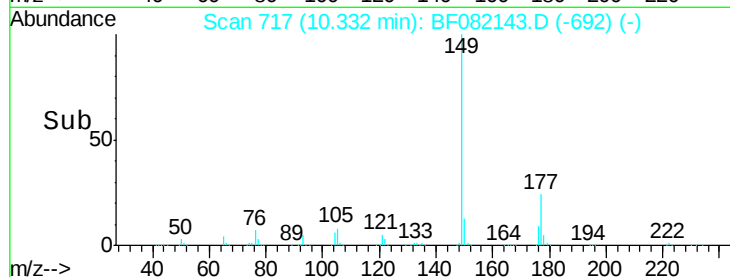
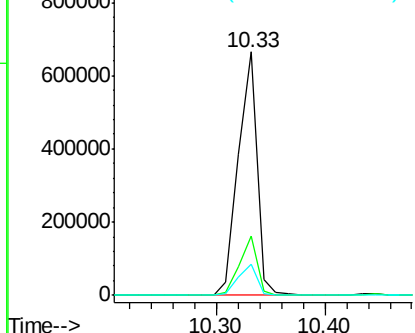
#59
Diethylphthalate
Concen: 42.75 ng
RT: 10.33 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 787743
Ion Ratio Lower Upper
149 100
177 24.3 17.5 26.3
150 12.6 9.4 14.2

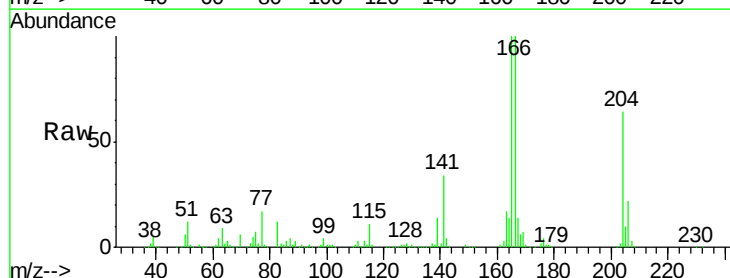


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

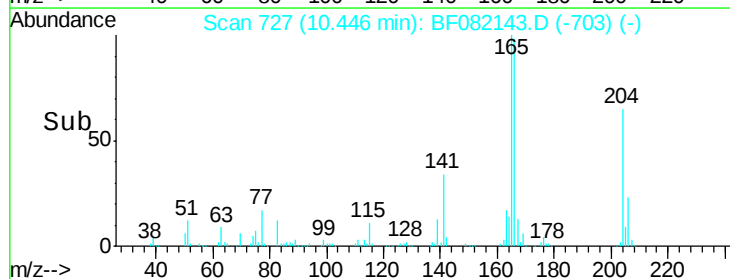
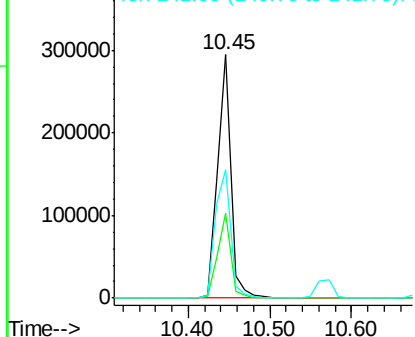


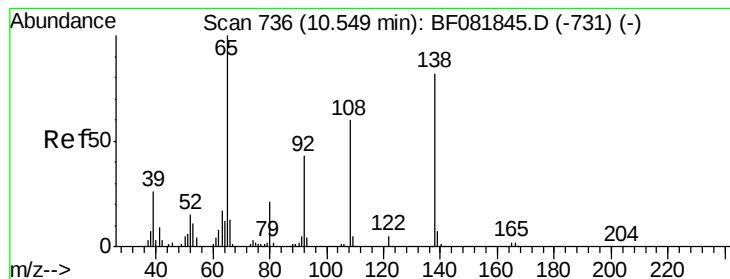
#60
4-Chlorophenyl-phenylether
Concen: 39.17 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:204 Resp: 333414
Ion Ratio Lower Upper
204 100
206 34.8 24.8 37.2
141 52.8 42.2 63.4



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

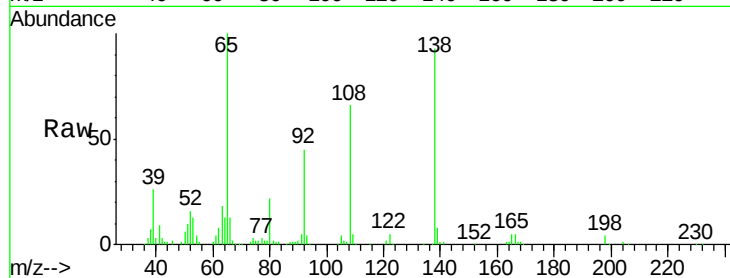




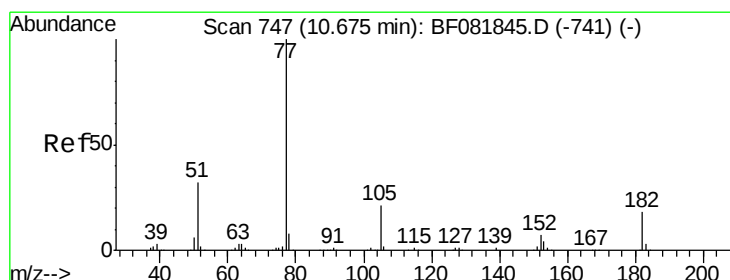
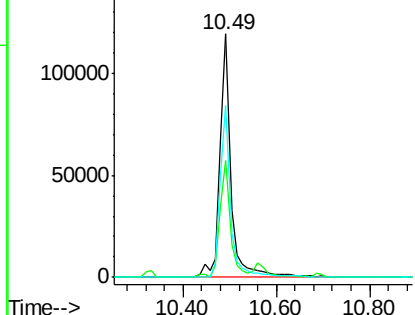
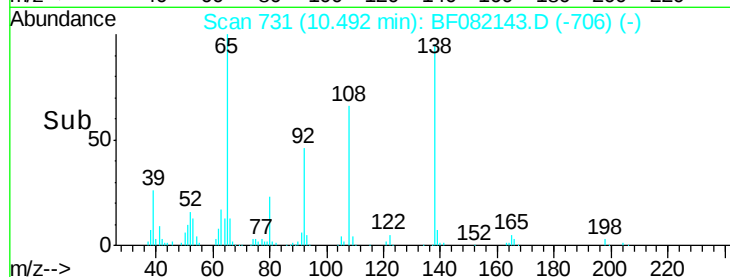
#61
4-Nitroaniline
Concen: 39.41 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 195799
Ion Ratio Lower Upper
138 100
92 48.2 12.6 52.6
108 70.4 12.4 52.4#

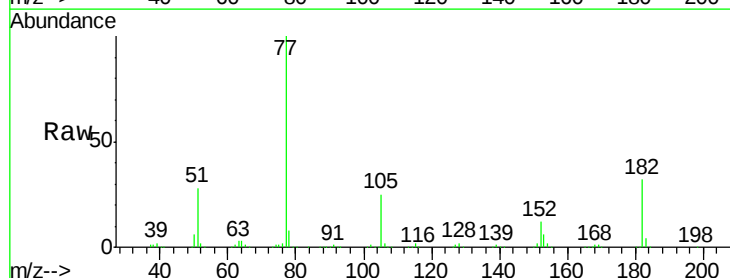


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

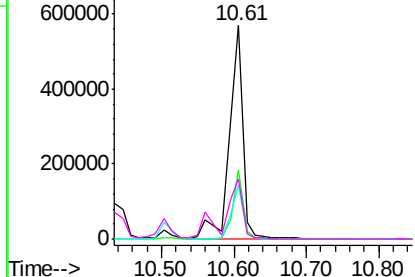
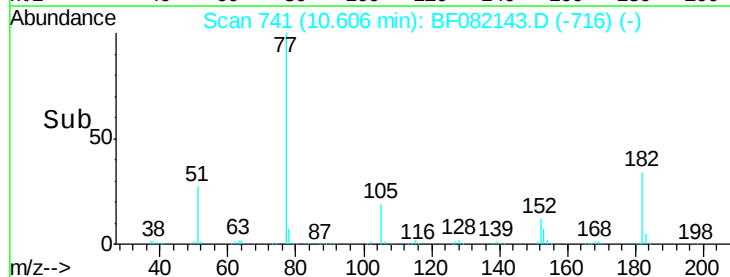


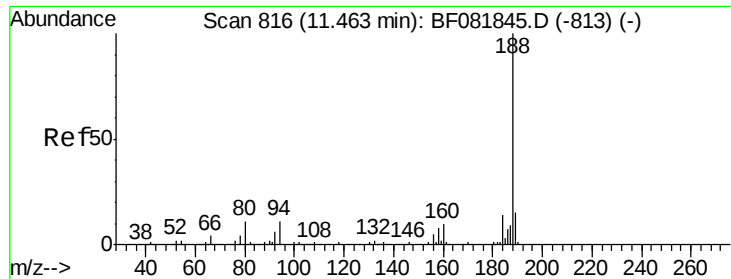
#62
Azobenzene
Concen: 40.67 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion: 77 Resp: 731397
Ion Ratio Lower Upper
77 100
182 32.3 15.1 55.1
105 24.9 3.4 43.4
51 28.0 12.0 52.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

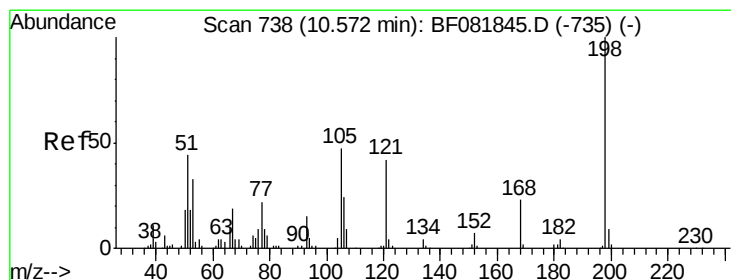
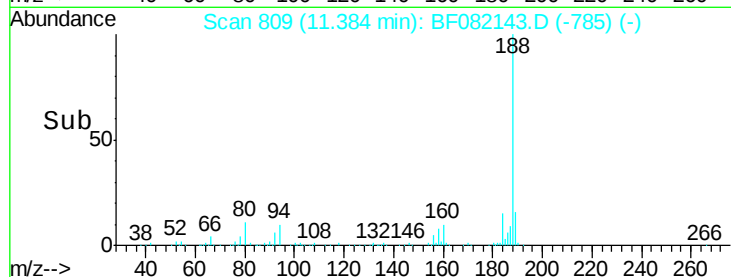
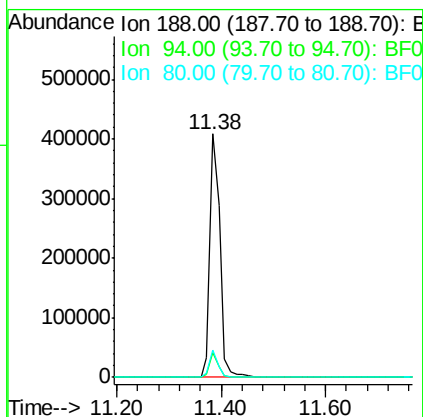
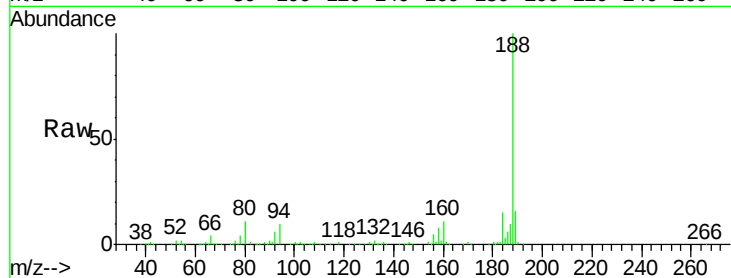




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

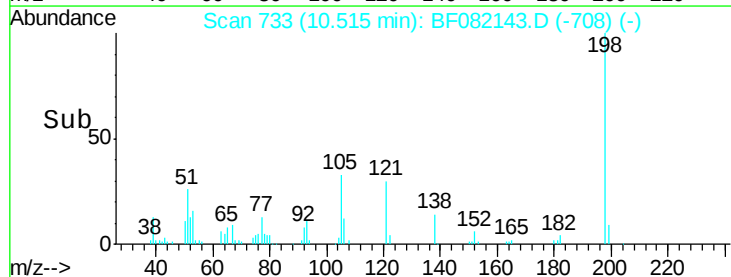
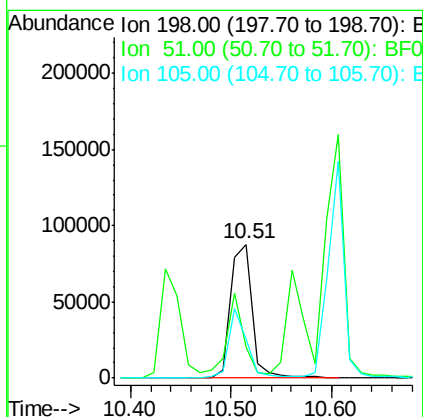
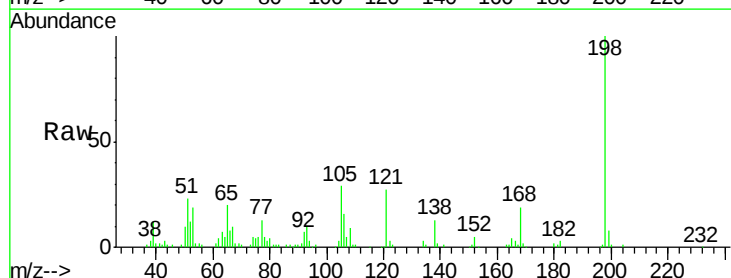
Instrument :
 BNA_F
 ClientSampled :

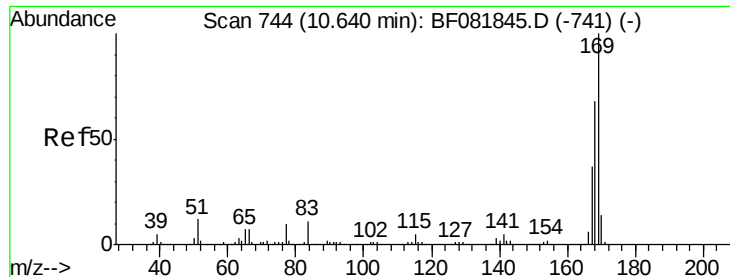
Tot Ion:188 Resp: 542255
 Ion Ratio Lower Upper
 188 100
 94 10.1 11.1 16.7#
 80 11.2 11.0 16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.28 ng
 RT: 10.51 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion:198 Resp: 131340
 Ion Ratio Lower Upper
 198 100
 51 23.1 39.6 79.6#
 105 28.6 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 39.33 ng

RT: 10.57 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

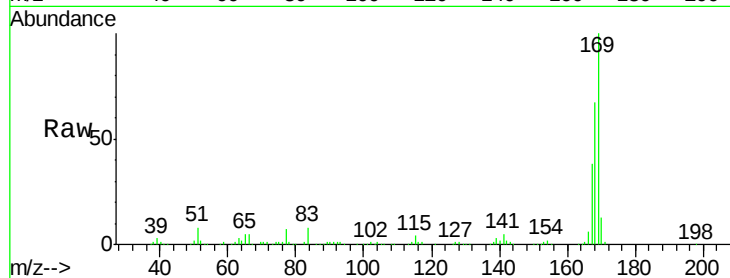
Tot Ion:169 Resp: 645245

Ion Ratio Lower Upper

169 100

168 67.4 48.9 73.3

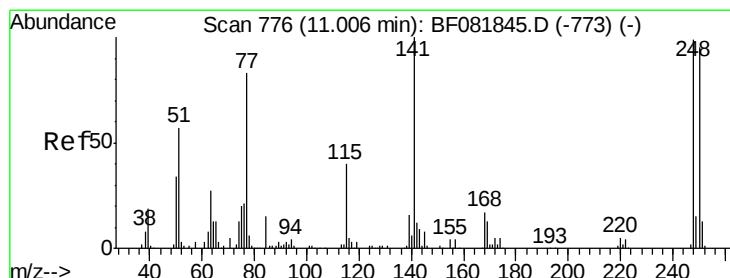
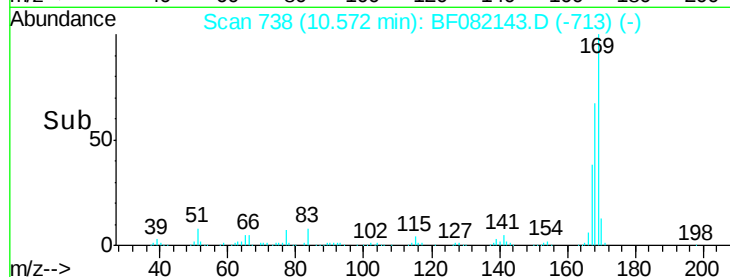
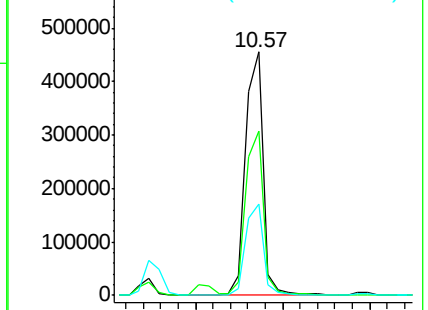
167 37.6 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.32 ng

RT: 10.94 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

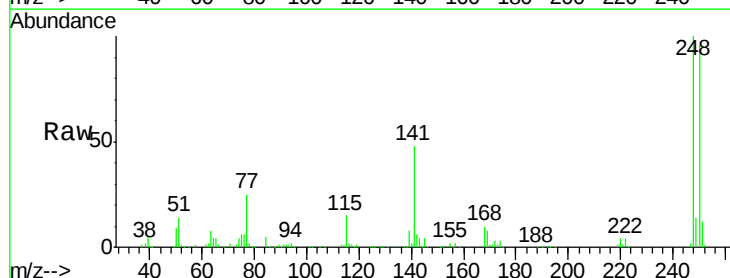
Tgt Ion:248 Resp: 225904

Ion Ratio Lower Upper

248 100

250 95.5 78.5 117.7

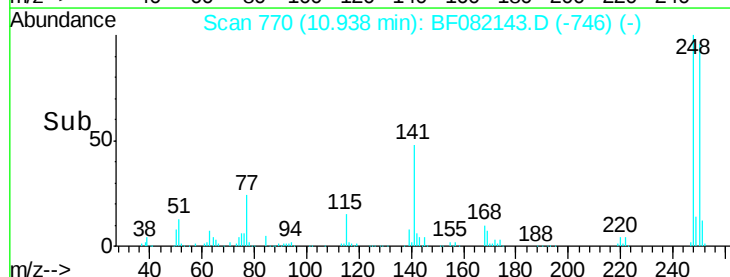
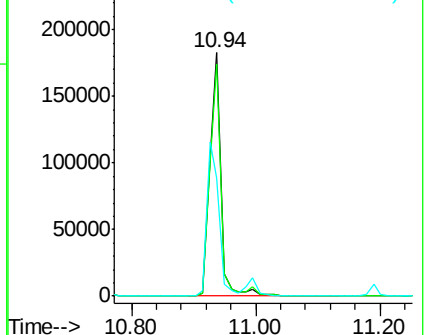
141 48.4 59.0 88.6#

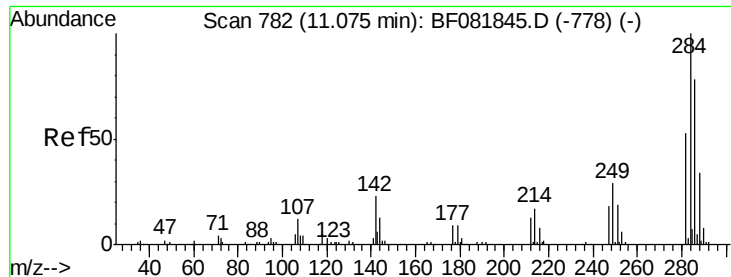


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

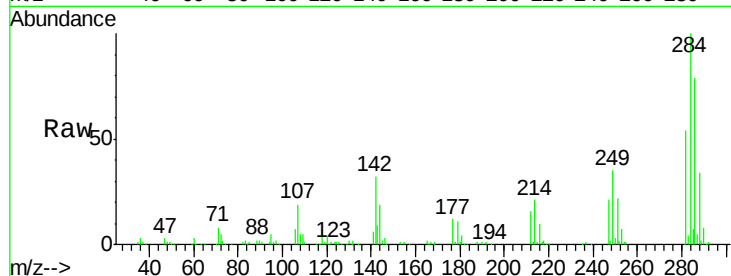




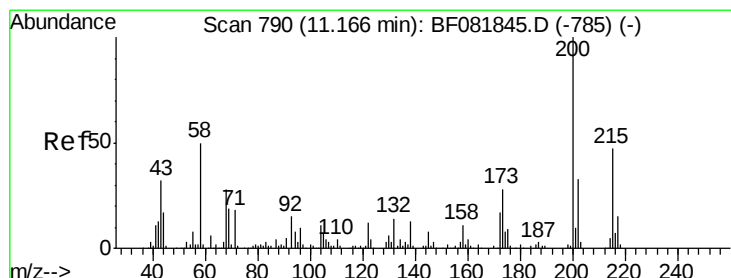
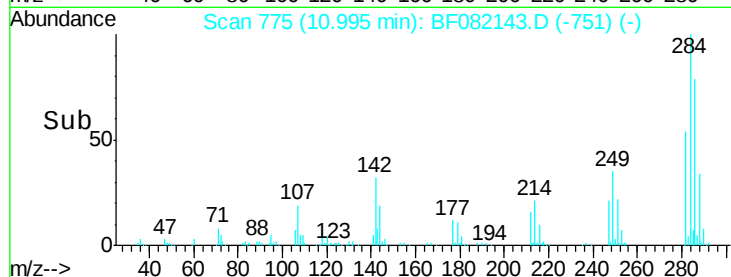
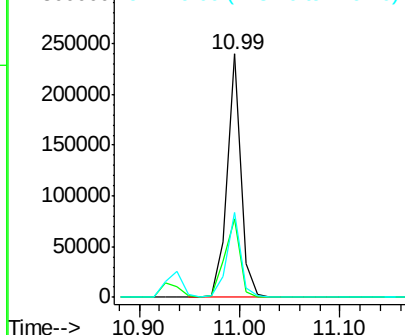
#67
Hexachlorobenzene
Concen: 37.21 ng
RT: 10.99 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 229622
Ion Ratio Lower Upper
284 100
142 32.3 29.5 44.3
249 35.0 19.5 29.3#

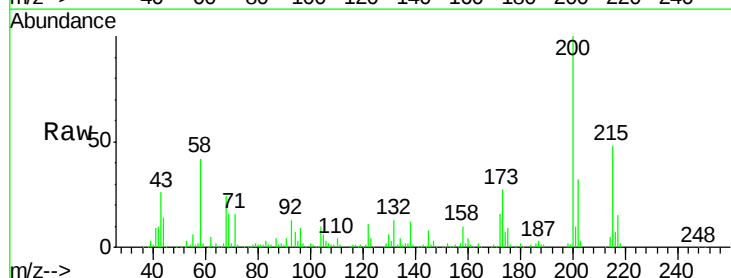


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

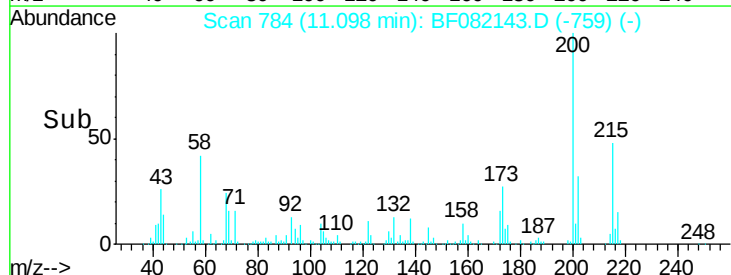
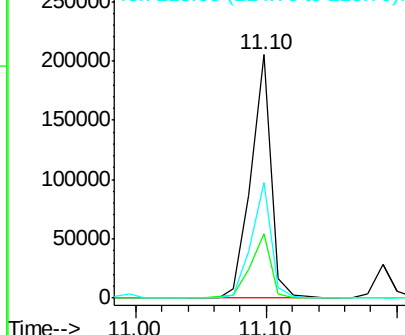


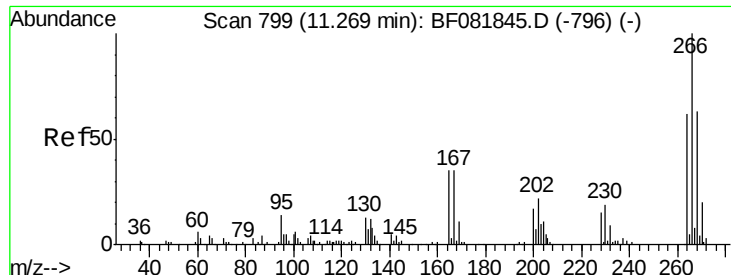
#68
Atrazine
Concen: 43.35 ng
RT: 11.10 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:200 Resp: 220651
Ion Ratio Lower Upper
200 100
173 26.6 13.2 53.2
215 47.5 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

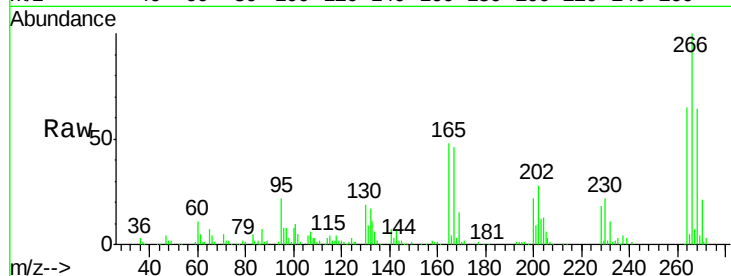




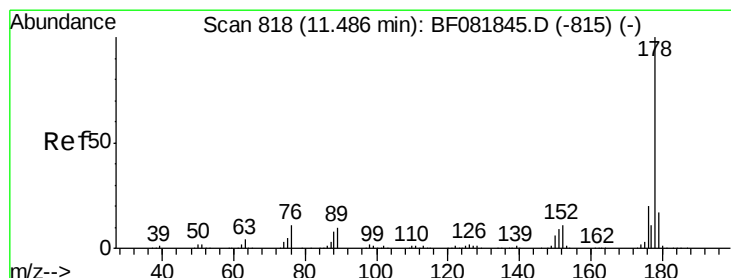
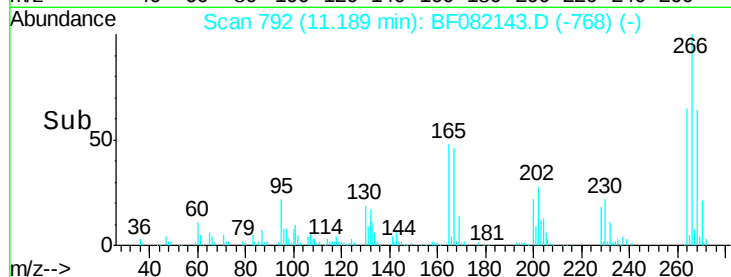
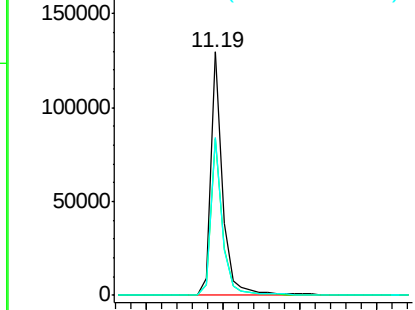
#69
 Pentachlorophenol
 Concen: 39.30 ng
 RT: 11.19 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 138174
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.8 74.6
 264 64.6 50.2 75.2

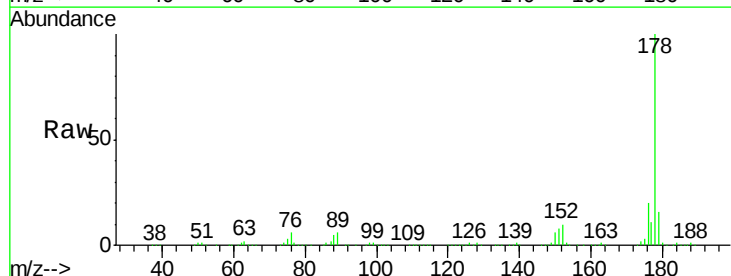


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

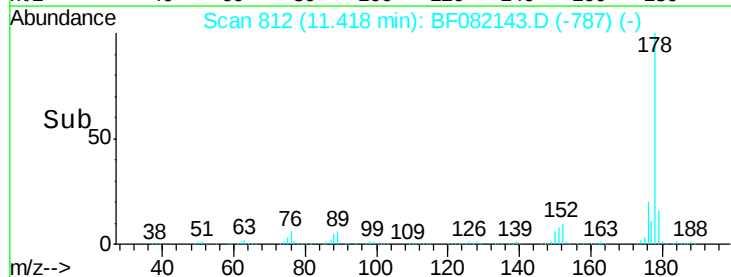
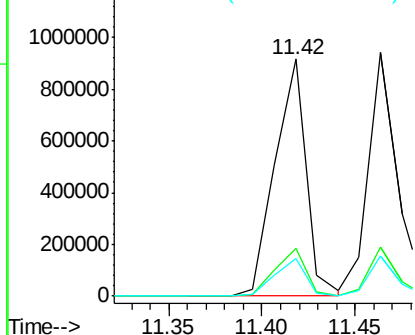


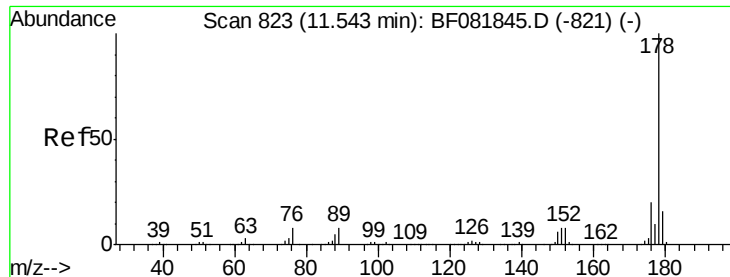
#70
 Phenanthrene
 Concen: 40.56 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion:178 Resp: 1062649
 Ion Ratio Lower Upper
 178 100
 176 20.3 13.8 20.8
 179 15.7 12.2 18.2



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

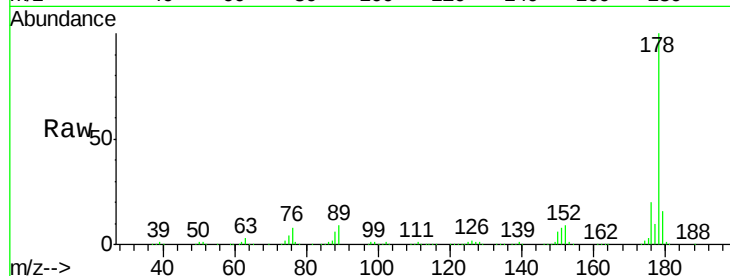




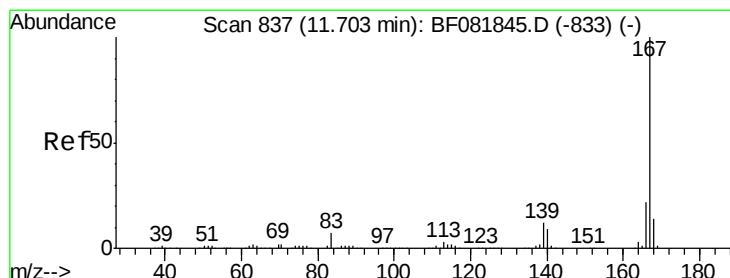
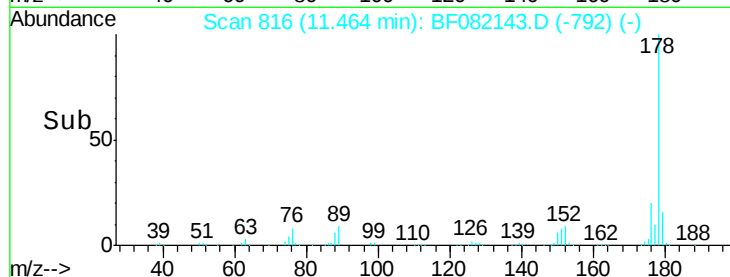
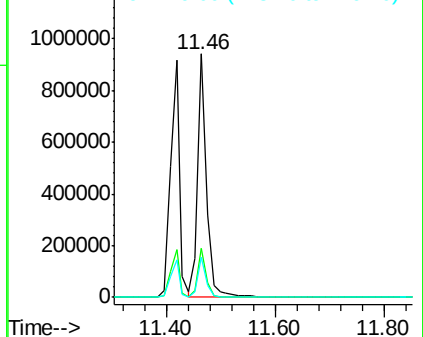
#71
 Anthracene
 Concen: 38.02 ng
 RT: 11.46 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1047946
 Ion Ratio Lower Upper
 178 100
 176 20.0 14.1 21.1
 179 16.4 12.2 18.2

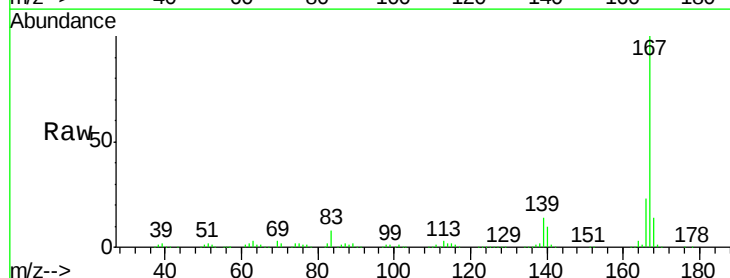


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

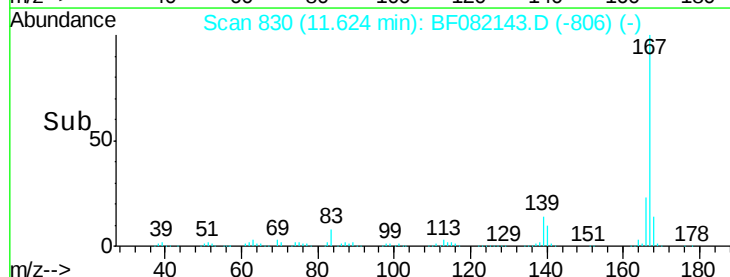
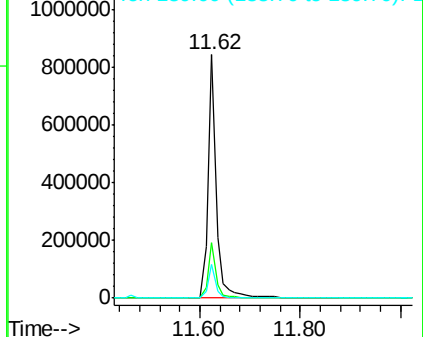


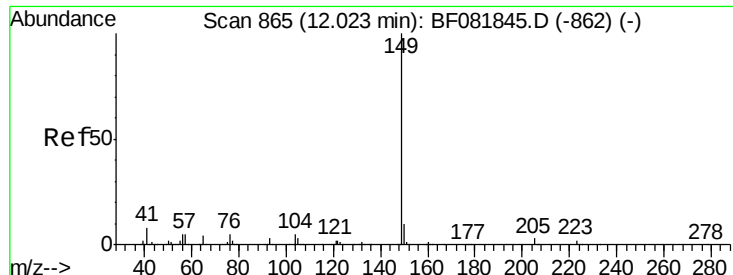
#72
 Carbazole
 Concen: 38.41 ng
 RT: 11.62 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion:167 Resp: 958152
 Ion Ratio Lower Upper
 167 100
 166 22.7 15.7 23.5
 139 13.8 9.5 14.3



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: 47.00 ng

RT: 11.94 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

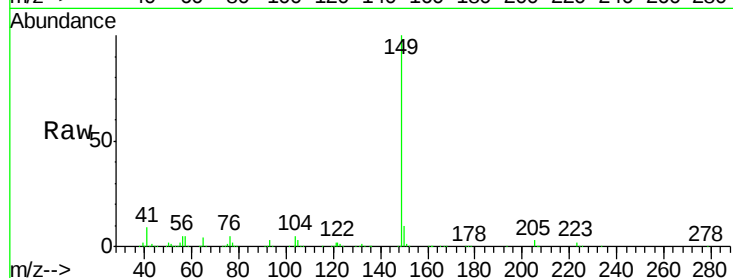
Tot Ion:149 Resp: 1192575

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

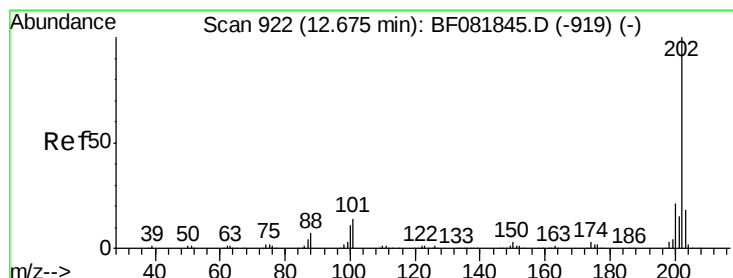
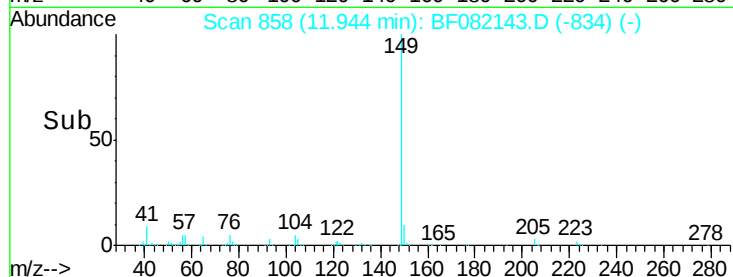
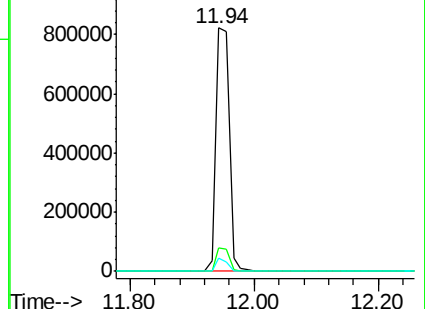
104 5.3 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.42 ng

RT: 12.61 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

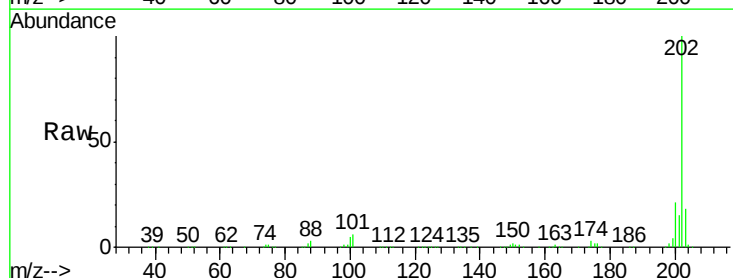
Tgt Ion:202 Resp: 1087023

Ion Ratio Lower Upper

202 100

101 6.2 0.0 38.3

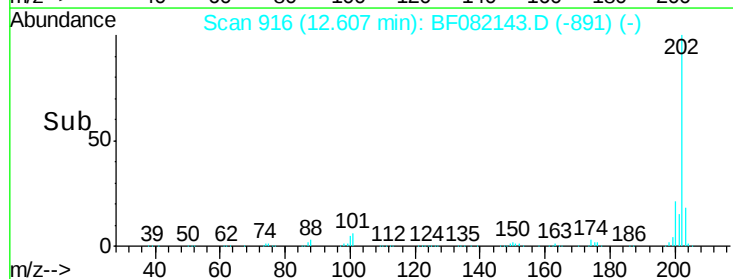
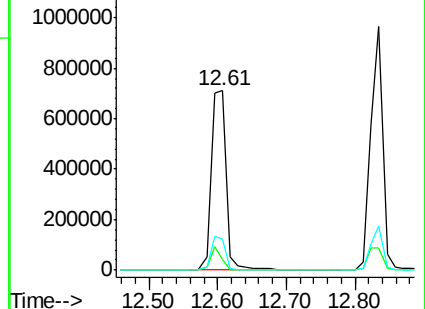
203 17.6 0.0 37.3

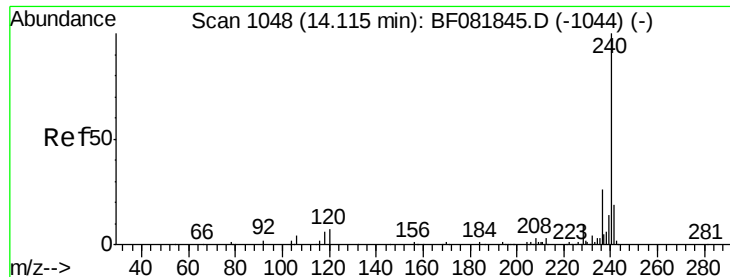


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

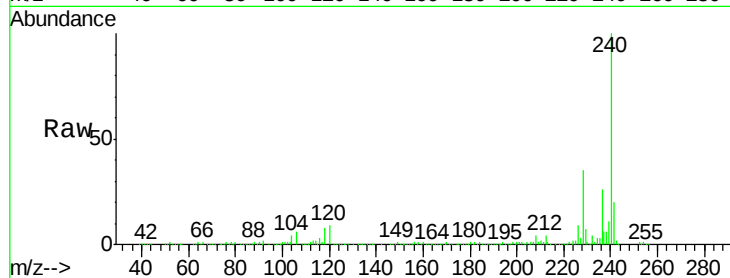
Tot Ion:240 Resp: 483032

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

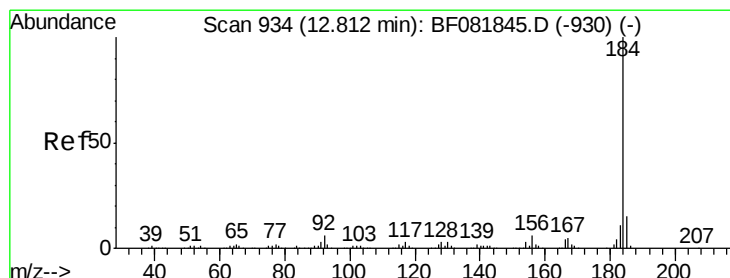
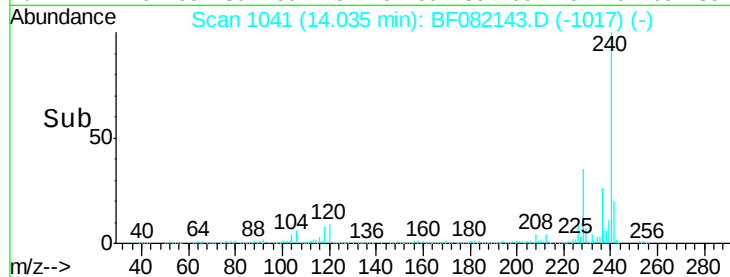
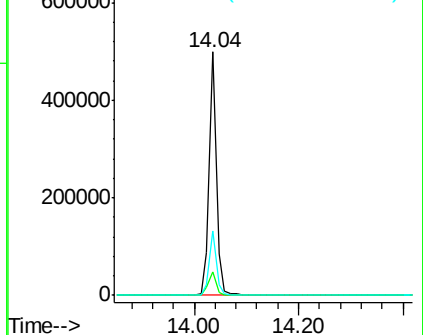
236 26.3 18.4 27.6



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: 39.60 ng

RT: 12.73 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

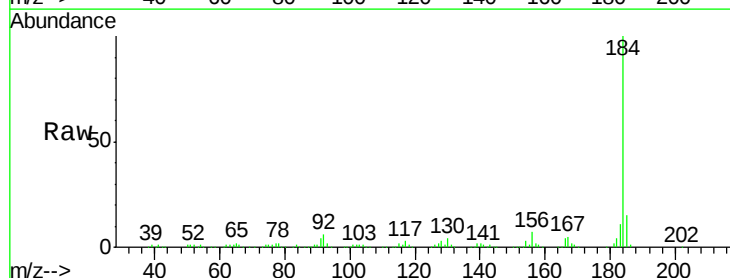
Tgt Ion:184 Resp: 576379

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

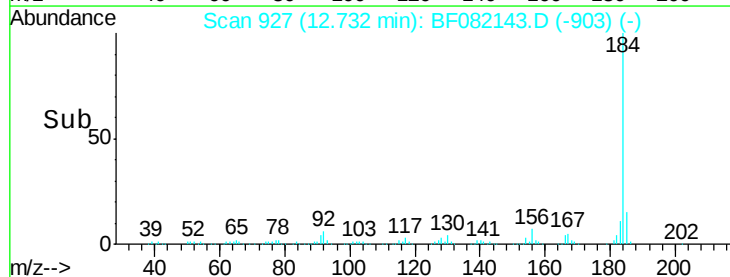
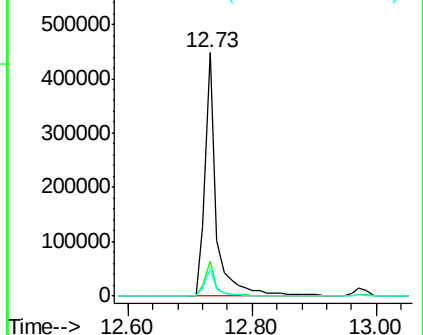
183 11.4 7.6 11.4#

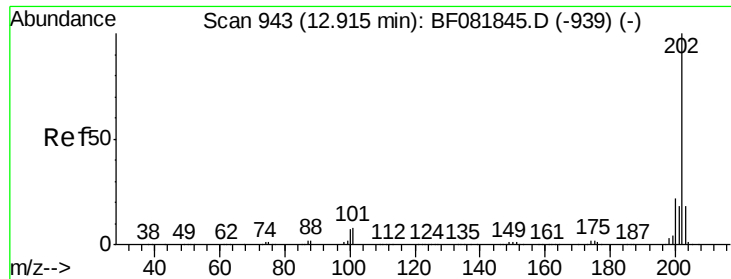


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

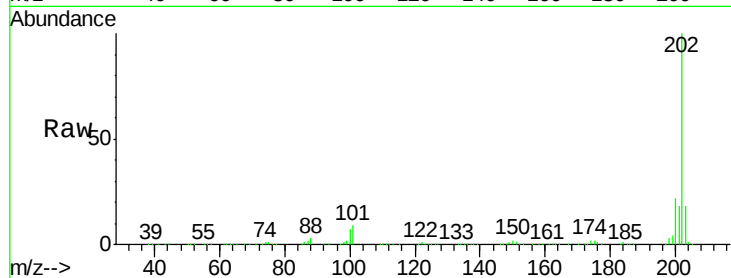




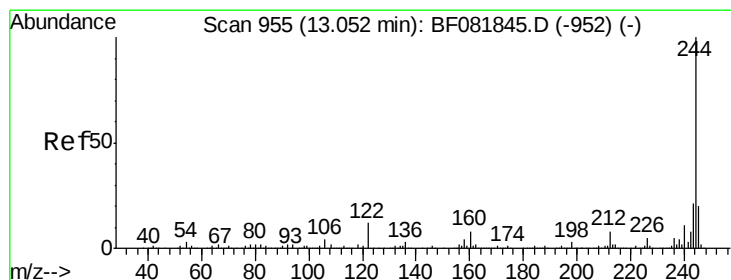
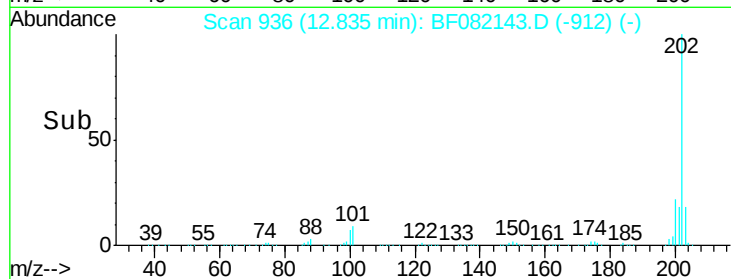
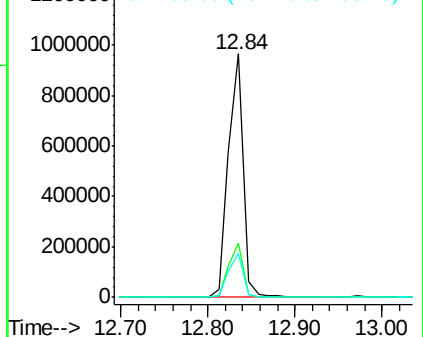
#77
 Pvrene
 Concen: 39.71 ng
 RT: 12.84 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1145850
 Ion Ratio Lower Upper
 202 100
 200 22.3 15.0 22.4
 203 17.9 14.1 21.1

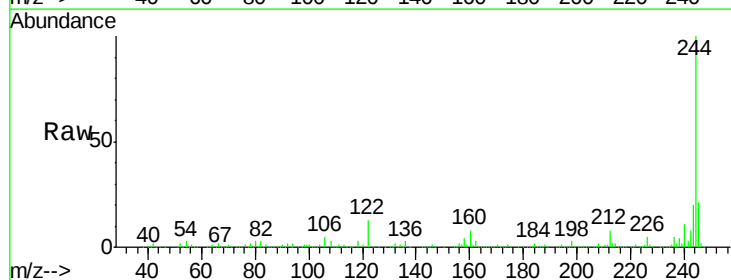


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

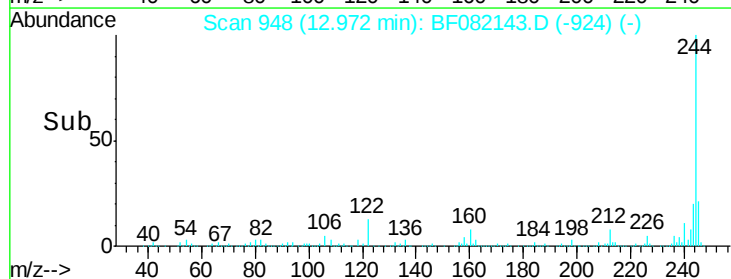
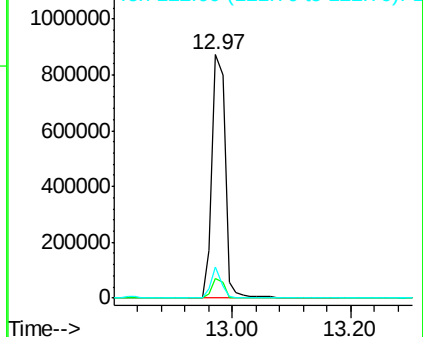


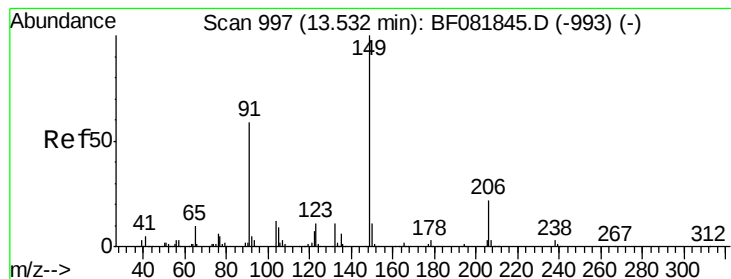
#78
 Terphenyl-d14
 Concen: 92.38 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion:244 Resp: 1348703
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 12.7 17.4 26.2#



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





#79

Butylbenzylphthalate

Concen: 48.75 ng

RT: 13.45 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

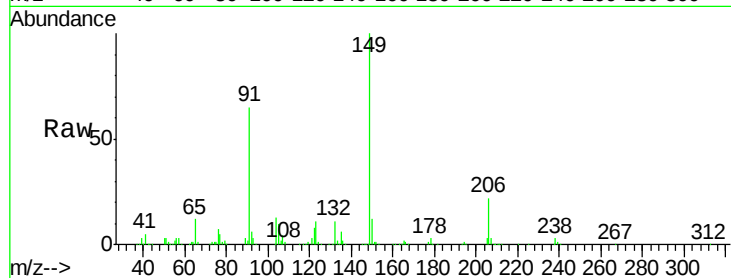
Tot Ion:149 Resp: 529297

Ion Ratio Lower Upper

149 100

91 64.9 48.6 72.8

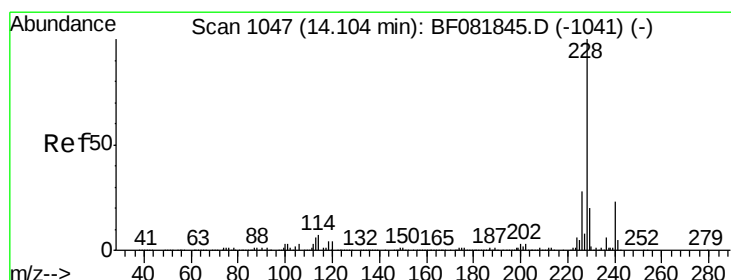
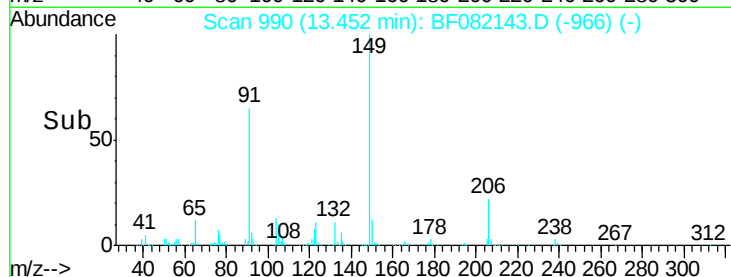
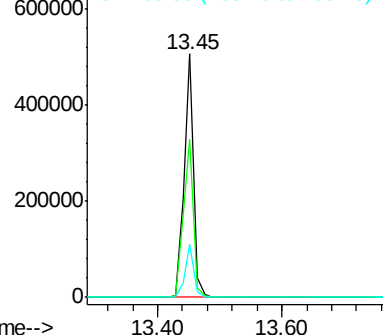
206 21.7 14.9 22.3



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: 38.50 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

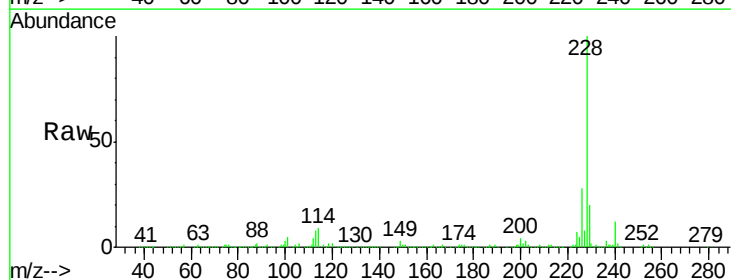
Tgt Ion:228 Resp: 1001368

Ion Ratio Lower Upper

228 100

226 28.1 20.0 30.0

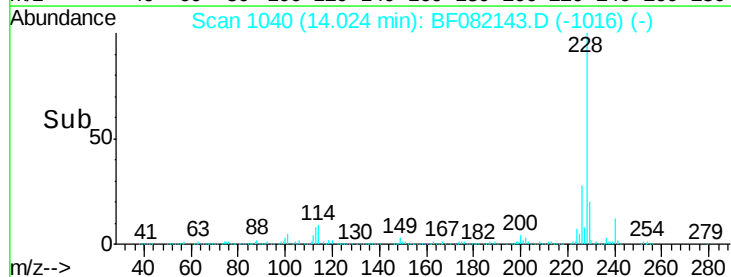
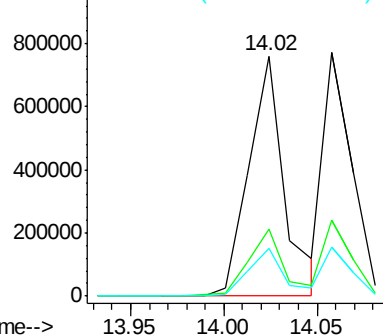
229 20.2 15.4 23.2



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

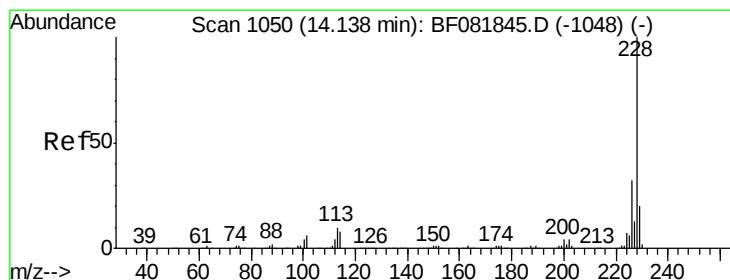
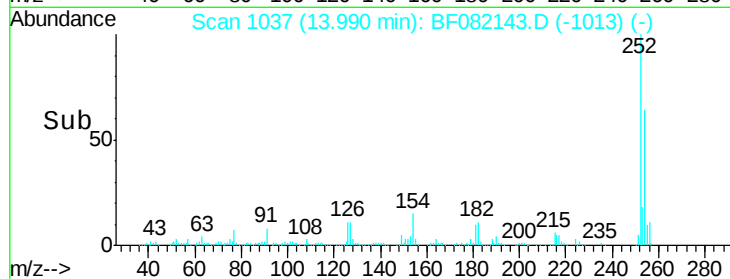
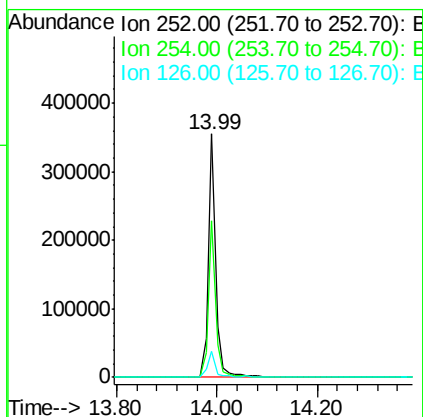
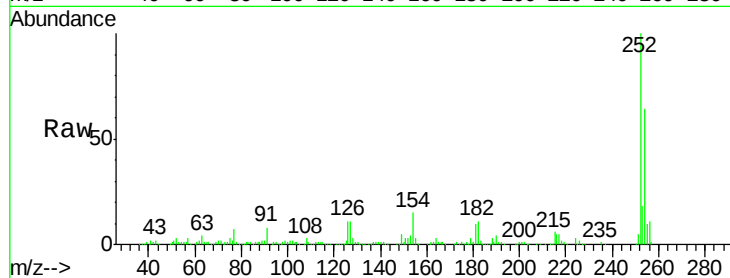




#81
 3,3'-Dichlorobenzidine
 Concen: 41.34 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

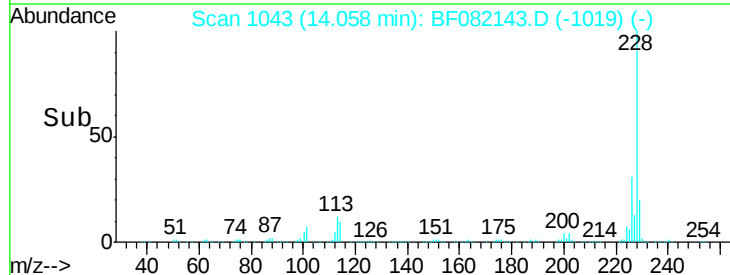
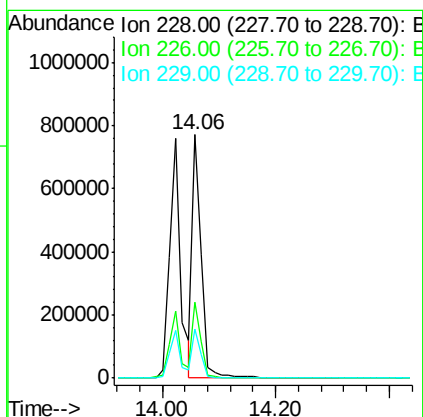
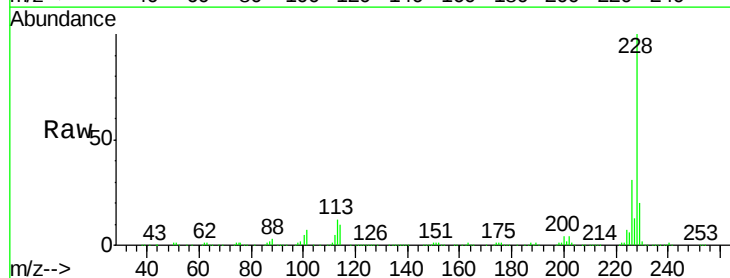
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	10.9	16.4	24.6#



#82
 Chrysene
 Concen: 33.97 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.0	31.4
229	20.2	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.25 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Instrument :

BNA_F

ClientSampleId :

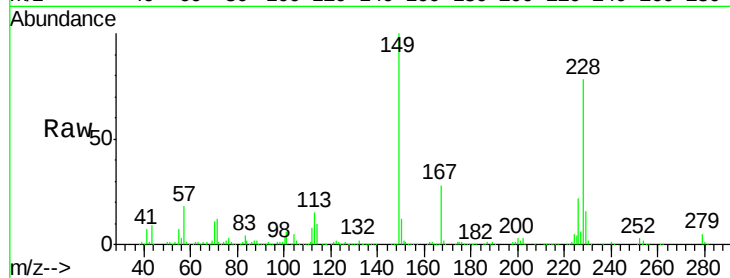
Tot Ion:149 Resp: 698053

Ion Ratio Lower Upper

149 100

167 27.8 24.2 36.2

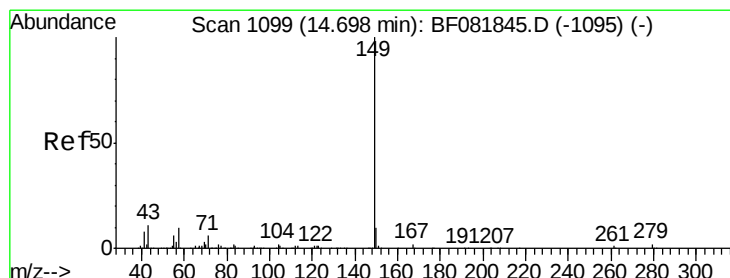
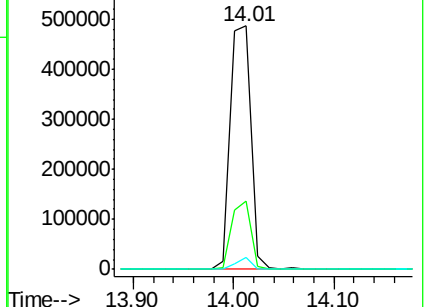
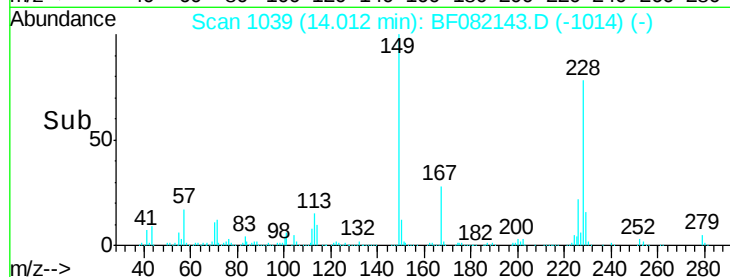
279 5.0 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.68 ng

RT: 14.62 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

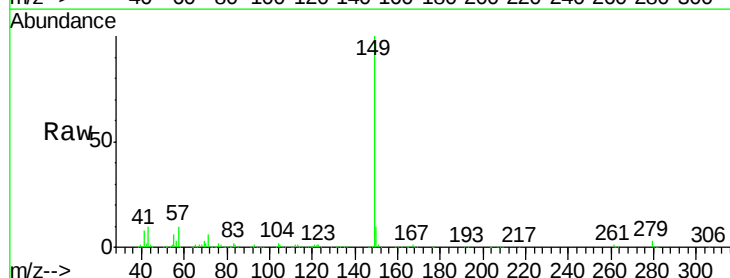
Tgt Ion:149 Resp: 1167631

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

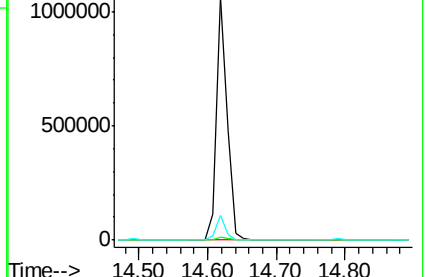
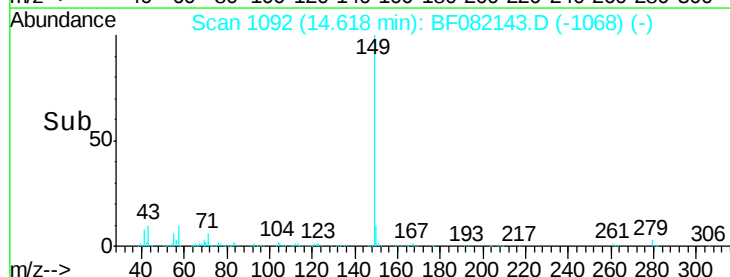
43 9.3 10.2 15.2#



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

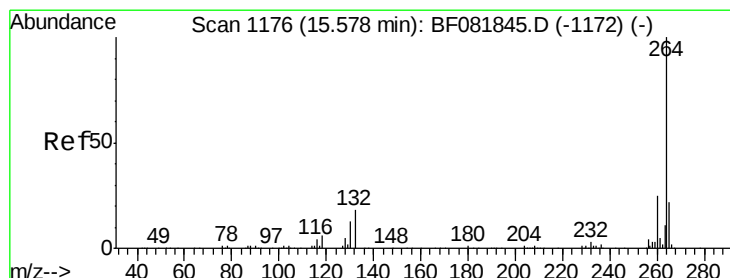
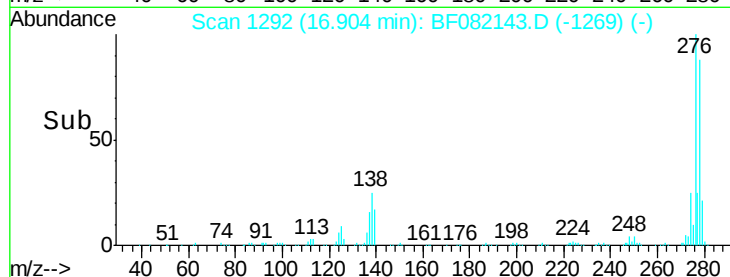
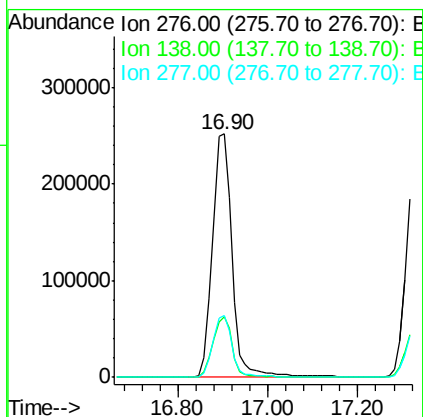
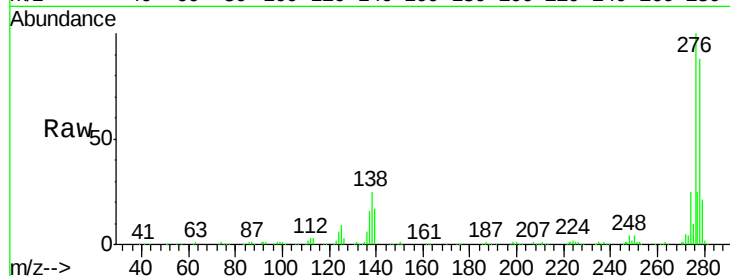




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.92 ng
RT: 16.90 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

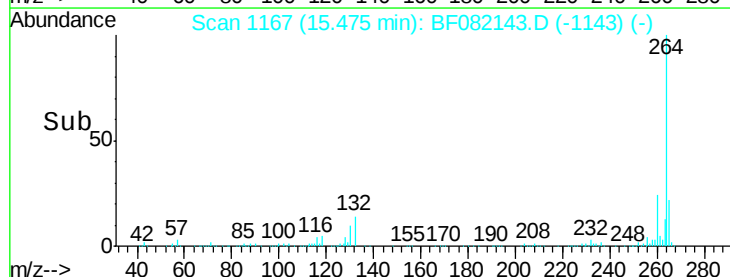
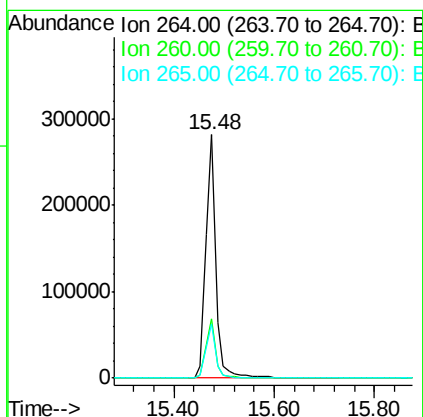
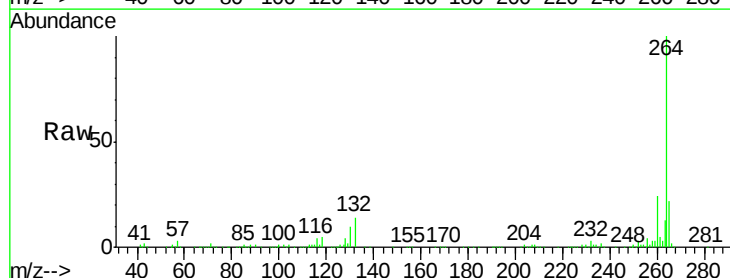
Instrument :
BNA_F
ClientSampleId :

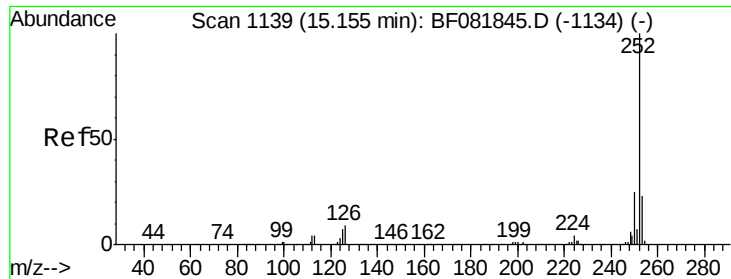
Tot Ion:276 Resp: 771562
Ion Ratio Lower Upper
276 100
138 25.0 25.7 38.5#
277 25.2 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:264 Resp: 393174
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 22.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.88 ng

RT: 15.05 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF082143.D

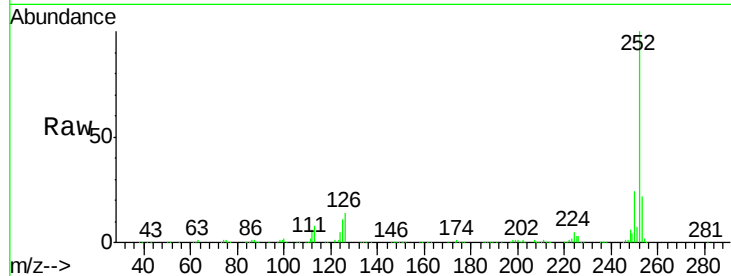
Acq: 9 Oct 2015 13:52

Instrument :

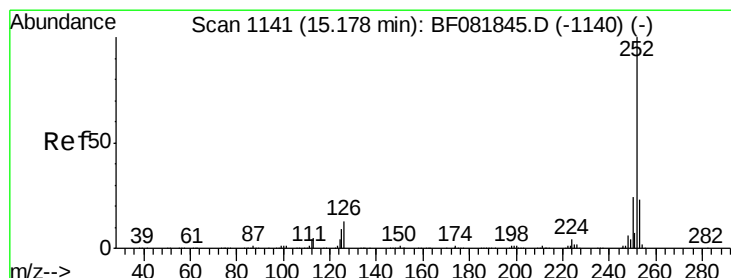
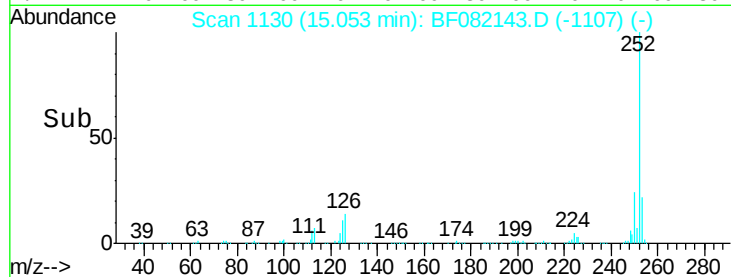
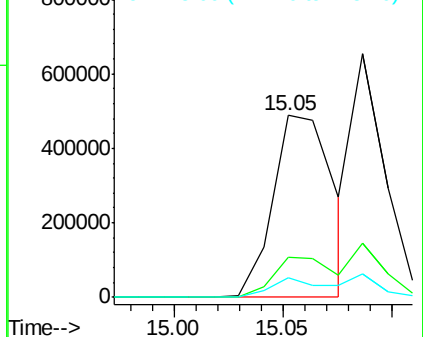
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	940130
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.5	17.1	25.7#



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: 45.69 ng

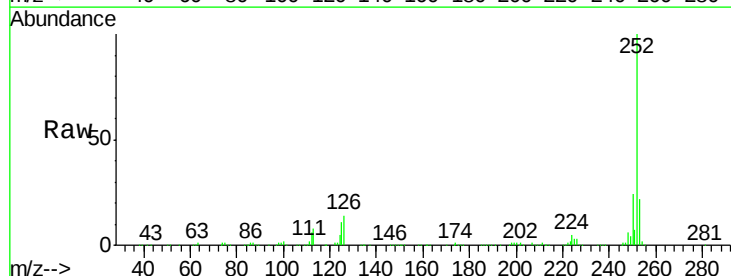
RT: 15.05 min Scan# 1130

Delta R.T. -0.06 min

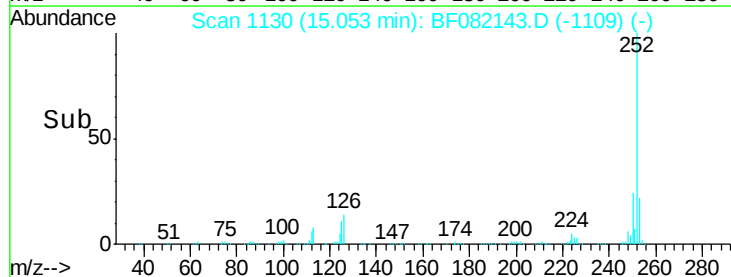
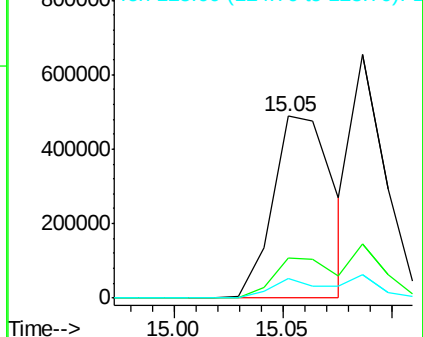
Lab File: BF082143.D

Acq: 9 Oct 2015 13:52

Tgt Ion:	252	Resp:	940130
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	10.5	16.0	24.0#



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

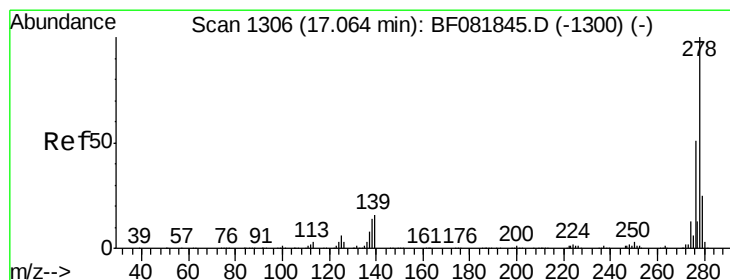
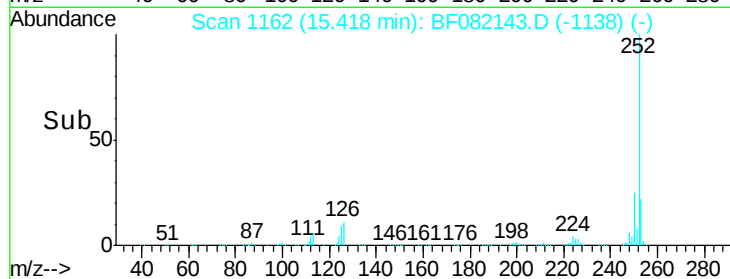
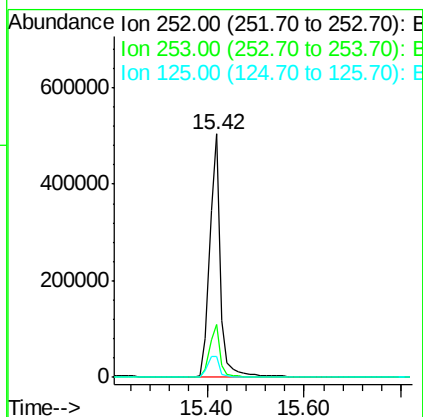
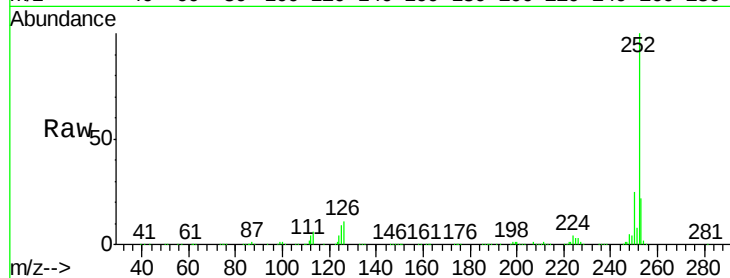




#89
Benzo(a)pyrene
Concen: 39.98 ng
RT: 15.42 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

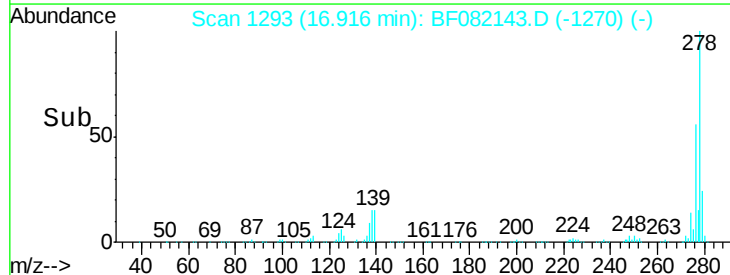
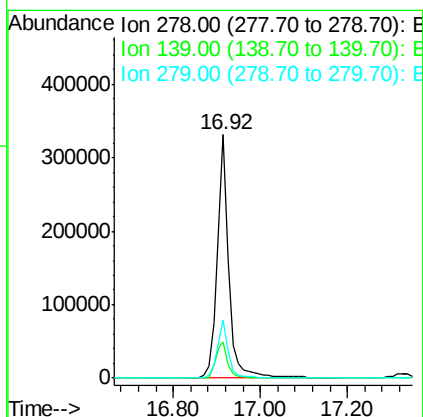
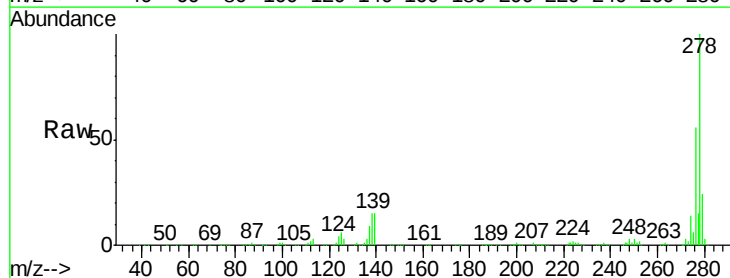
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 778465
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.6 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.34 ng
RT: 16.92 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF082143.D
Acq: 9 Oct 2015 13:52

Tgt Ion:278 Resp: 642784
Ion Ratio Lower Upper
278 100
139 15.0 26.3 39.5#
279 23.6 18.2 27.4

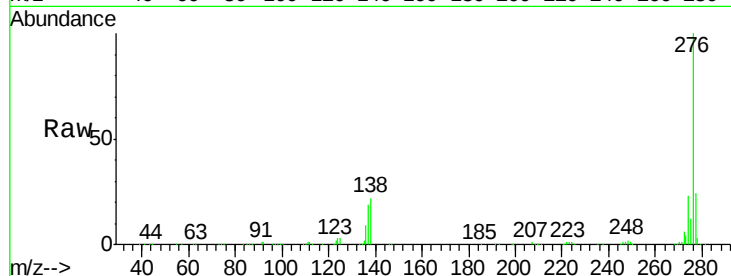




#91
 Benzo(a,h,i)perylene
 Concen: 36.72 ng
 RT: 17.33 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BF082143.D
 Acq: 9 Oct 2015 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 614739
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.8 26.6
 138 21.8 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

