

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081051.D
 Acq On : 18 Aug 2015 19:47
 Operator : UM/IZ
 Sample : PB84980BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:40:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53588	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	217903	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	101633	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	216713	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	184290	20.00	ng	-0.01
86) Perylene-d12	15.07	264	168603	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	256743	72.06	ng	-0.01
7) Phenol-d6	6.25	99	345481	74.32	ng	-0.01
23) Nitrobenzene-d5	7.18	82	314047	65.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	65250	74.06	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	507263	65.40	ng	-0.02
78) Terphenyl-d14	12.70	244	639198	74.36	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.08	88	49183	29.30	ng	94
3) Pyridine	2.71	79	127959	27.00	ng	# 82
4) n-Nitrosodimethylamine	2.65	42	87455	33.15	ng	# 79
6) Aniline	6.26	93	171102	25.31	ng	# 39
8) 2-Chlorophenol	6.39	128	149563	38.35	ng	95
9) Benzaldehyde	6.15	77	85083	28.39	ng	89
10) Phenol	6.26	94	172510	31.42	ng	# 76
11) bis(2-Chloroethyl)ether	6.35	93	159431	37.85	ng	98
12) 1,3-Dichlorobenzene	6.55	146	147124	35.11	ng	94
13) 1,4-Dichlorobenzene	6.63	146	148135	35.70	ng	97
14) 1,2-Dichlorobenzene	6.78	146	141107	36.34	ng	98
15) Benzyl Alcohol	6.76	79	147749	39.28	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	300707	36.33	ng	100
17) 2-Methylphenol	6.88	107	116907	34.94	ng	96
18) Hexachloroethane	7.12	117	60220	35.92	ng	95
19) n-Nitroso-di-n-propylamine	7.04	70	123752	38.43	ng	89
20) 3+4-Methylphenols	7.04	107	161088	37.93	ng	# 46
22) Acetophenone	7.03	105	214512	37.50	ng	# 89
24) Nitrobenzene	7.20	77	187680	37.63	ng	94
25) Isophorone	7.44	82	303259	34.09	ng	98
26) 2-Nitrophenol	7.52	139	76959	37.10	ng	# 60
27) 2,4-Dimethylphenol	7.56	122	135795	37.01	ng	93
28) bis(2-Chloroethoxy)methane	7.66	93	176076	33.51	ng	99
29) 2,4-Dichlorophenol	7.76	162	124823	40.41	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	122288	35.62	ng	99
31) Naphthalene	7.92	128	437399	36.01	ng	99
32) Benzoic acid	7.70	122	103440	50.12	ng	# 82
33) 4-Chloroaniline	7.96	127	86279	16.83	ng	99
34) Hexachlorobutadiene	8.04	225	70192	36.15	ng	97
35) Caprolactam	8.34	113	24300	22.51	ng	90
36) 4-Chloro-3-methylphenol	8.47	107	143762	39.05	ng	# 84
37) 2-Methylnaphthalene	8.60	142	276836	36.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	120507	36.75	ng	98
40) Hexachlorocyclopentadiene	8.76	237	139699	82.31	ng	99

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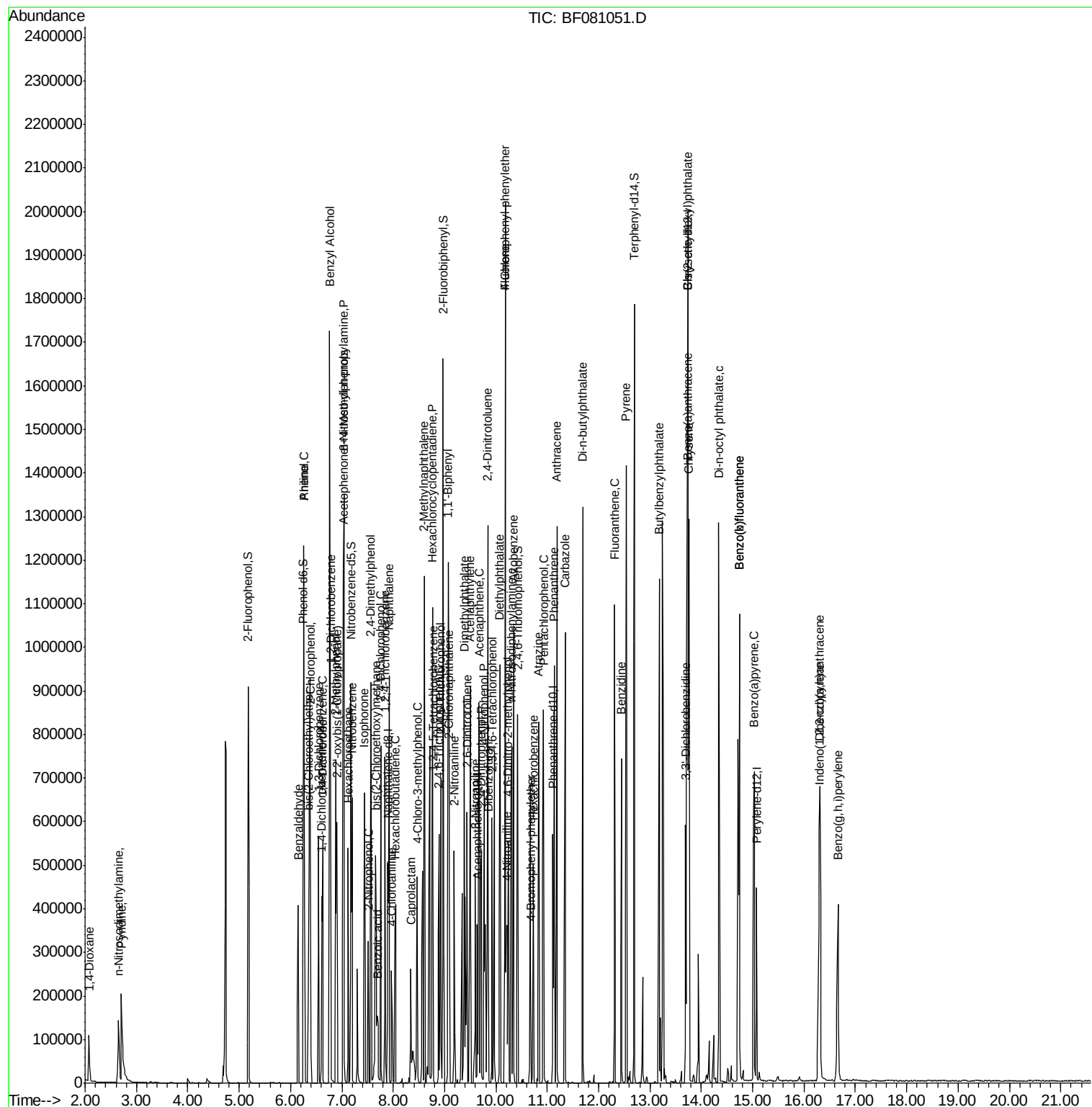
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	88948	38.40	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	90045	38.89	nq	# 89
45) 1,1'-Biphenyl	9.07	154	369130	41.23	nq	99
46) 2-Chloronaphthalene	9.08	162	248094	34.50	nq	# 89
47) 2-Nitroaniline	9.19	65	98164	33.35	nq	98
48) Acenaphthylene	9.50	152	402587	31.29	nq	98
49) Dimethylphthalate	9.38	163	335892	40.13	nq	100
50) 2,6-Dinitrotoluene	9.44	165	75200	41.85	nq	99
51) Acenaphthene	9.67	154	260025	33.76	nq	98
52) 3-Nitroaniline	9.60	138	57421	25.53	nq	94
53) 2,4-Dinitrophenol	9.71	184	95773	92.15	nq	# 50
54) Dibenzofuran	9.85	168	367009	35.56	nq	96
55) 4-Nitrophenol	9.77	139	116009	73.45	nq	# 84
56) 2,4-Dinitrotoluene	9.84	165	102474	43.02	nq	88
57) Fluorene	10.18	166	276639	34.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	67942	37.92	nq	99
59) Diethylphthalate	10.08	149	369852	41.75	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	134897	40.15	nq	98
61) 4-Nitroaniline	10.22	138	89570	38.97	nq	82
62) Azobenzene	10.34	77	423655	41.50	nq	95
64) 4,6-Dinitro-2-methylphenol	10.24	198	50963	39.38	nq	89
65) n-Nitrosodiphenylamine	10.31	169	279231	36.10	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	77566	36.43	nq	96
67) Hexachlorobenzene	10.73	284	83272	38.62	nq	# 91
68) Atrazine	10.83	200	80354	37.28	nq	97
69) Pentachlorophenol	10.92	266	102518	79.25	nq	100
70) Phenanthrene	11.13	178	416352	32.42	nq	99
71) Anthracene	11.19	178	480602	38.45	nq	98
72) Carbazole	11.35	167	490374	40.75	nq	99
73) Di-n-butylphthalate	11.69	149	612063	42.04	nq	99
74) Fluoranthene	12.31	202	478654	34.54	nq	92
76) Benzidine	12.44	184	298688	42.90	nq	98
77) Pyrene	12.54	202	508150	33.92	nq	99
79) Butylbenzylphthalate	13.18	149	290067	45.04	nq	# 85
80) Benzo(a)anthracene	13.73	228	479007	38.76	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	102670	25.65	nq	99
82) Chrysene	13.76	228	465286	41.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	392880	47.63	nq	# 98
84) Di-n-octyl phthalate	14.34	149	657089	52.41	nq	100
85) Indeno(1,2,3-cd)pyrene	16.30	276	378950	48.46	nq	# 93
87) Benzo(b)fluoranthene	14.74	252	828008	69.43	nq	97
88) Benzo(k)fluoranthene	14.74	252	828008	74.51	nq	98
89) Benzo(a)pyrene	15.03	252	412397	39.69	nq	98
90) Dibenzo(a,h)anthracene	16.31	278	324793	40.11	nq	# 93
91) Benzo(g,h,i)perylene	16.66	276	303215	36.91	nq	# 91

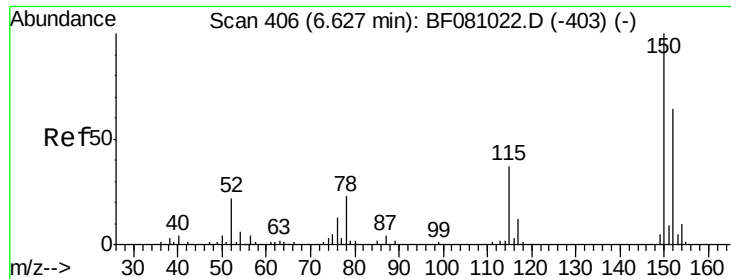
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

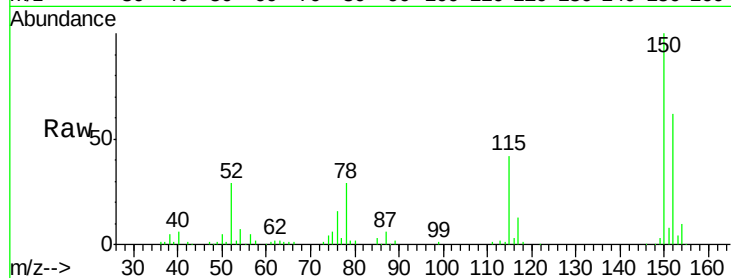
Tot Ion:152 Resp: 53588

Ion Ratio Lower Upper

152 100

150 161.8 123.8 185.6

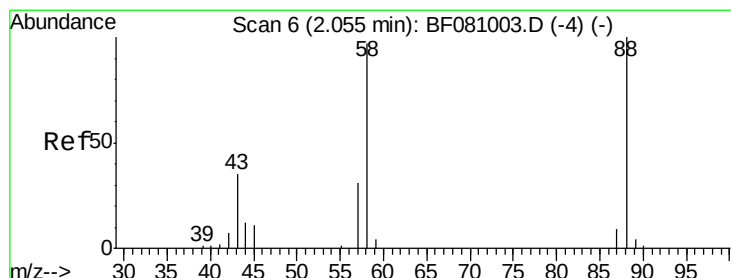
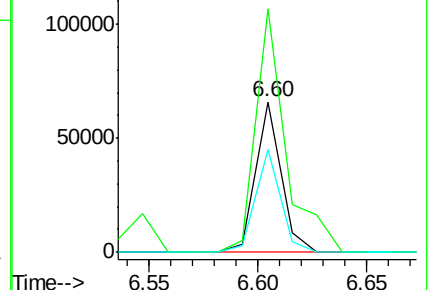
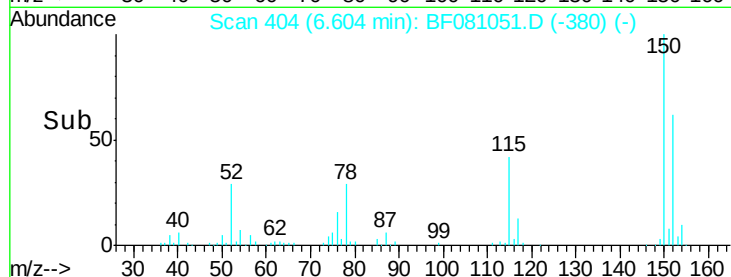
115 68.0 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.30 ng

RT: 2.08 min Scan# 8

Delta R.T. 0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

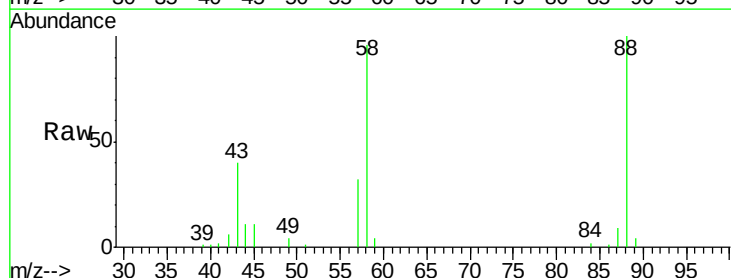
Tgt Ion: 88 Resp: 49183

Ion Ratio Lower Upper

88 100

58 99.1 83.7 125.5

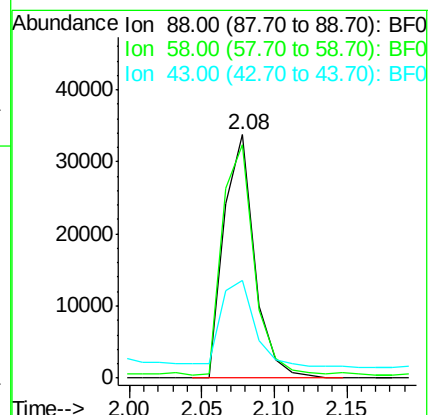
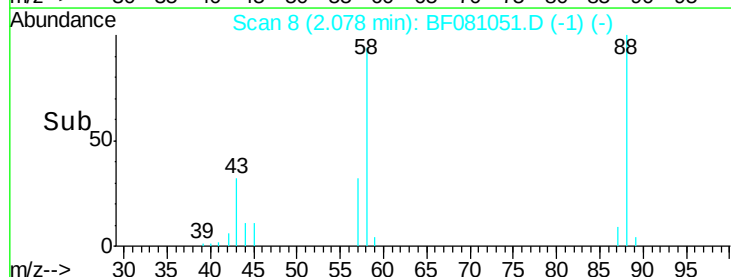
43 42.1 37.5 56.3

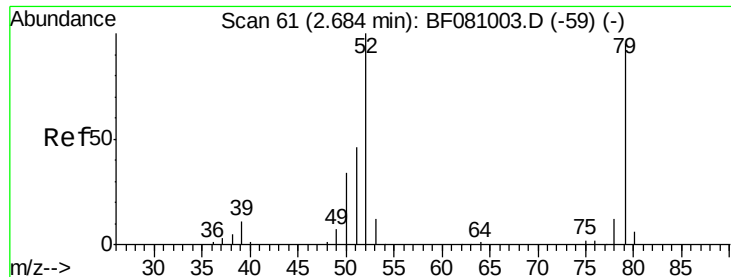


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.00 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF081051.D

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BNA_F
ClientSampleId :

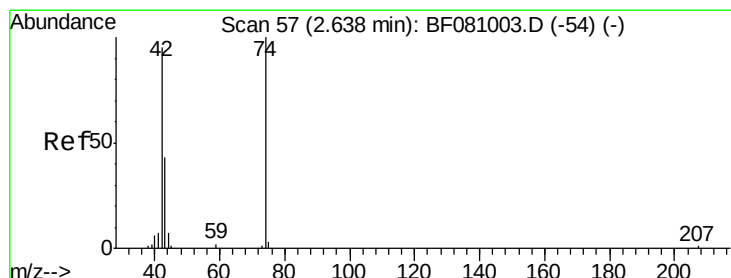
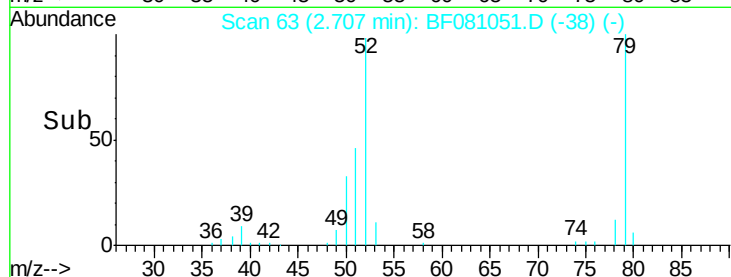
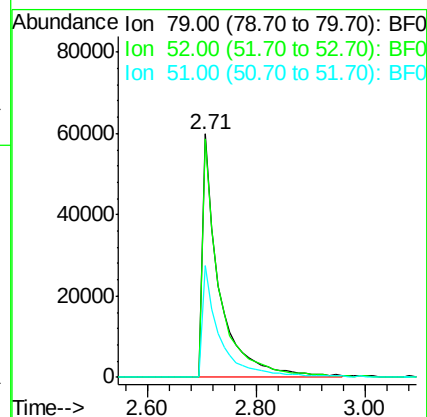
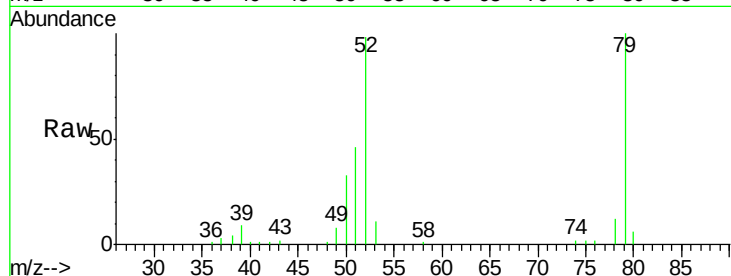
Tot Ion: 79 Resp: 127959

Ion Ratio Lower Upper

79 100

52 98.1 95.1 142.7

51 45.8 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 33.15 ng

RT: 2.65 min Scan# 58

Delta R.T. 0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

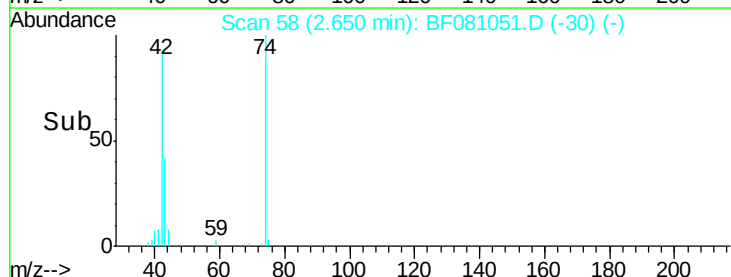
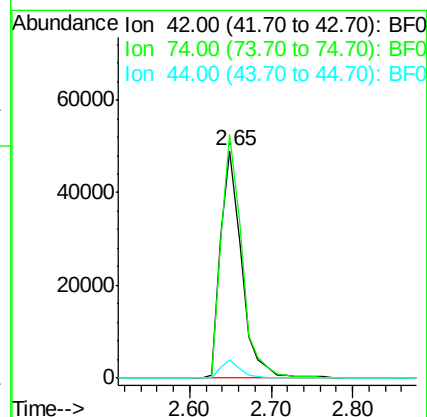
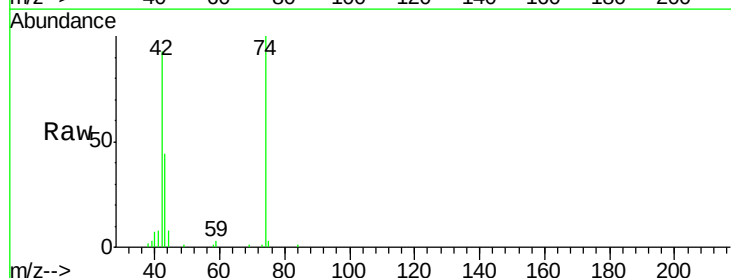
Tgt Ion: 42 Resp: 87455

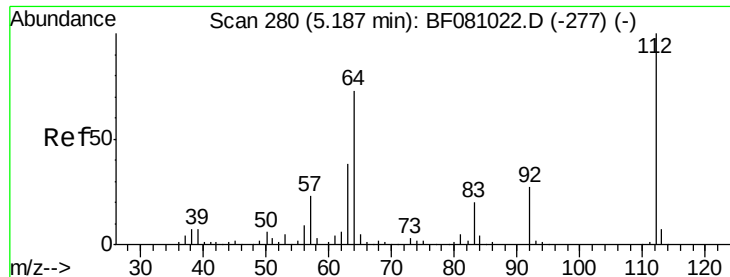
Ion Ratio Lower Upper

42 100

74 107.3 69.3 103.9#

44 8.4 5.5 8.3#





#5

2-Fluorophenol

Concen: 72.06 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF081051.D

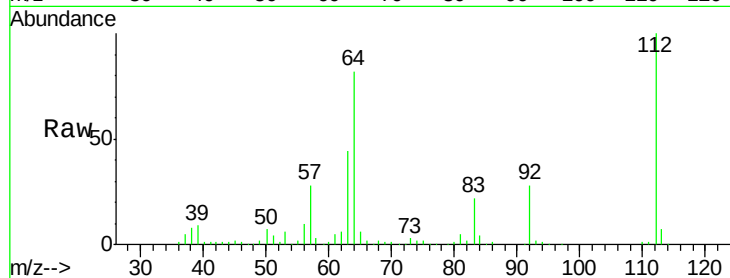
Acq: 18 Aug 2015 19:47

Instrument :

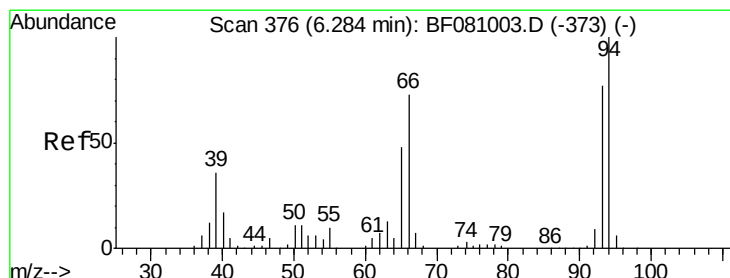
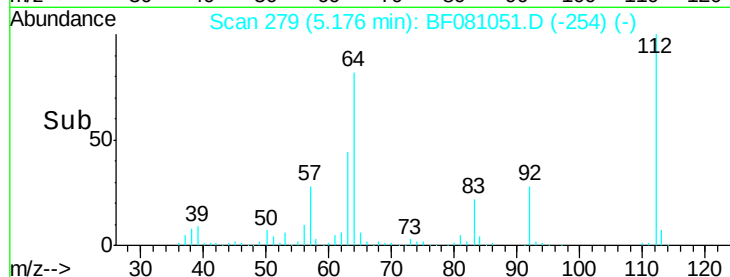
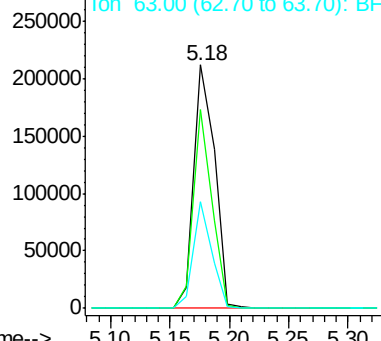
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	256743
Ion	Ratio	Lower	Upper
112	100		
64	81.6	66.9	100.3
63	43.9	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 25.31 ng

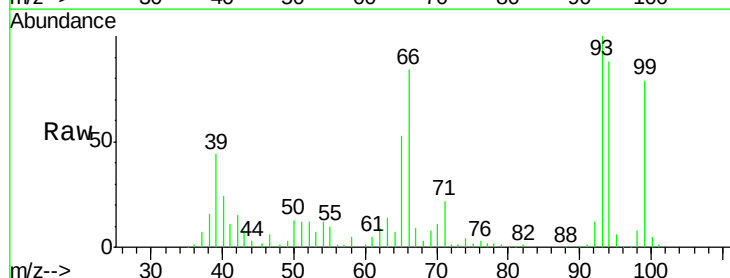
RT: 6.26 min Scan# 374

Delta R.T. -0.02 min

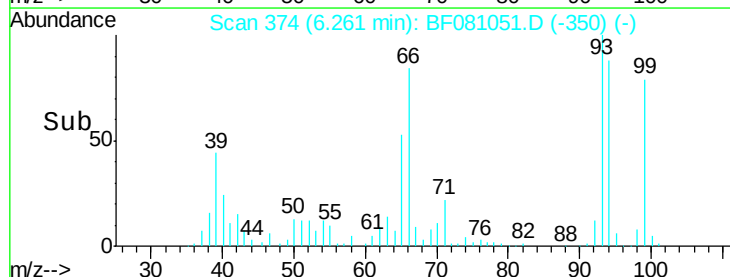
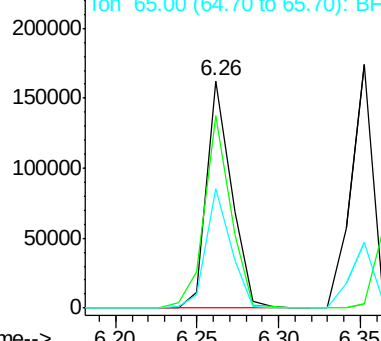
Lab File: BF081051.D

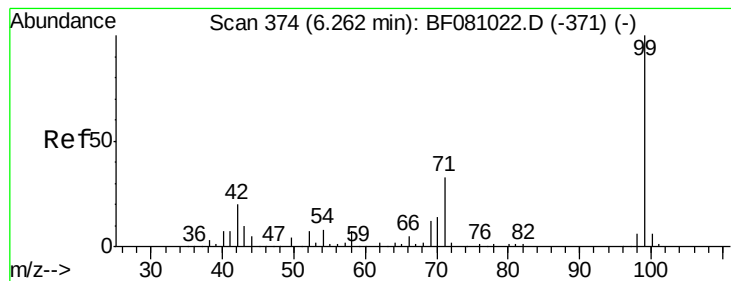
Acq: 18 Aug 2015 19:47

Tgt Ion:	93	Resp:	171102
Ion	Ratio	Lower	Upper
93	100		
66	84.4	35.6	53.4#
65	52.7	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 74.32 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

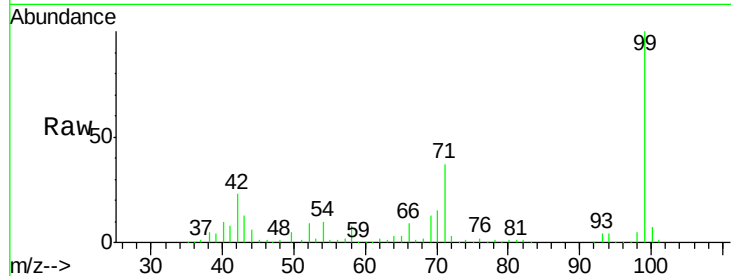
Tot Ion: 99 Resp: 345481

Ion Ratio Lower Upper

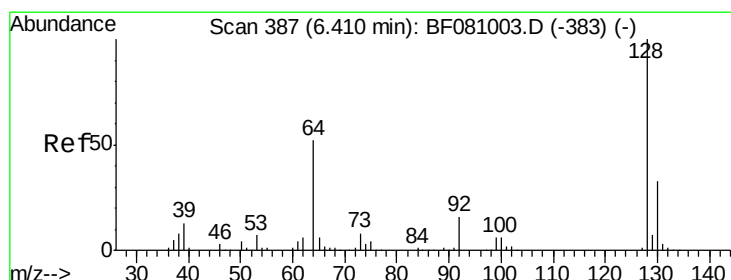
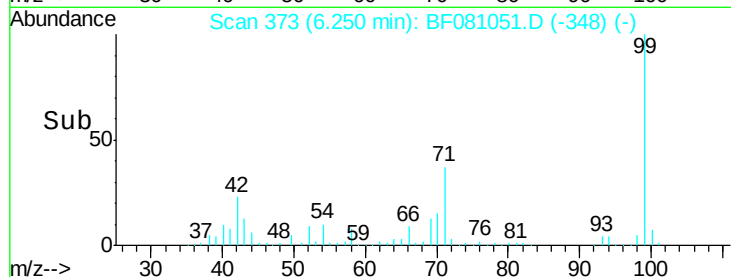
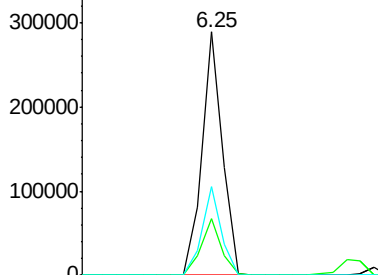
99 100

42 23.4 19.6 29.4

71 36.5 31.2 46.8



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



#8

2-Chlorophenol

Concen: 38.35 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

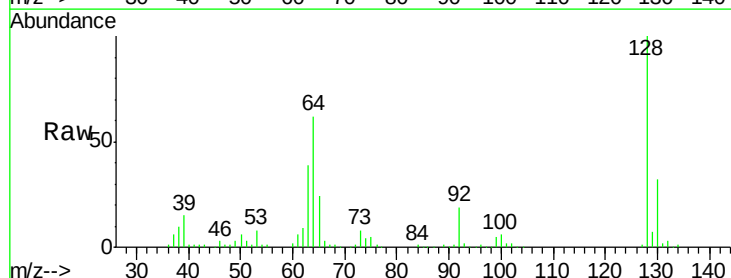
Tgt Ion: 128 Resp: 149563

Ion Ratio Lower Upper

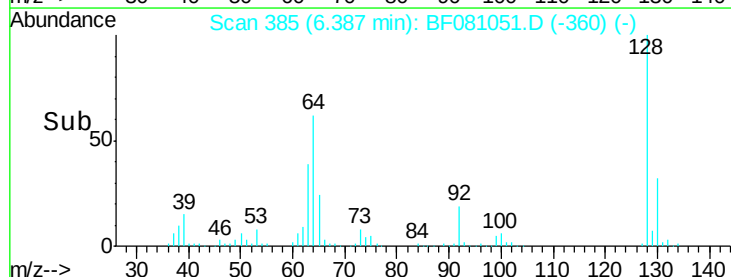
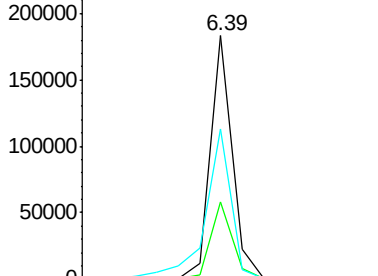
128 100

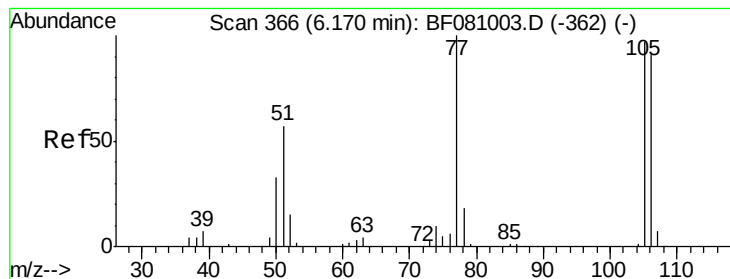
130 31.7 12.5 52.5

64 61.5 46.8 86.8



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





#9

Benzaldehyde

Concen: 28.39 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081051.D

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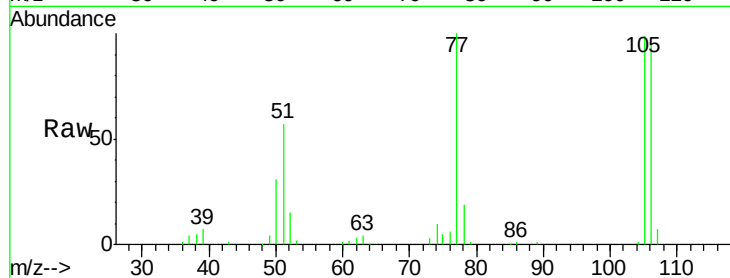
Tot Ion: 77 Resp: 85083

Ion Ratio Lower Upper

77 100

105 99.1 69.6 109.6

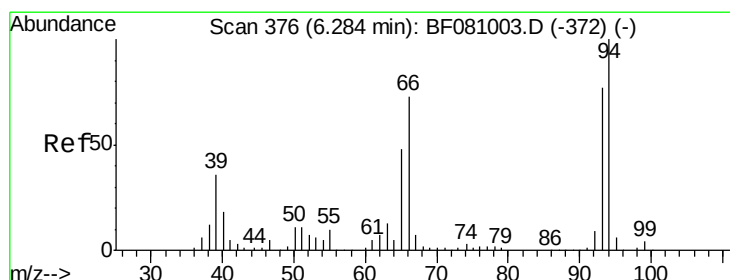
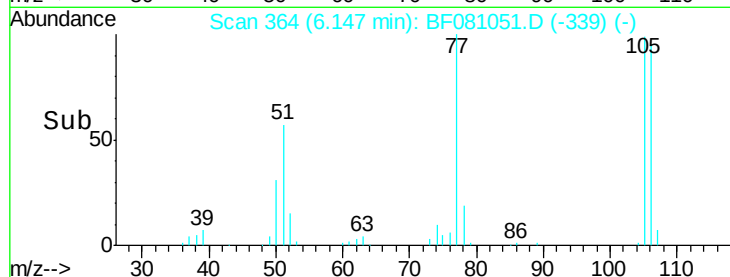
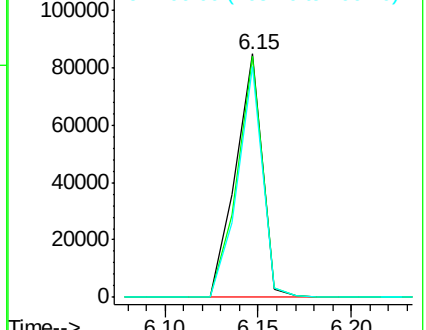
106 95.0 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.42 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

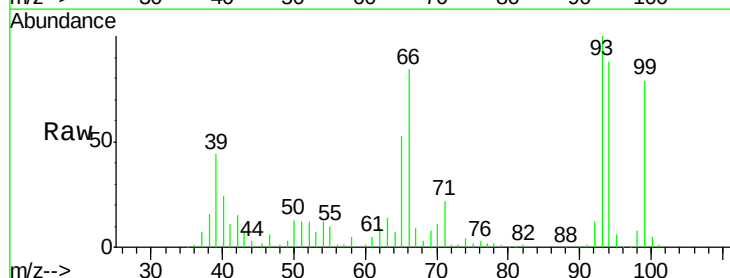
Tgt Ion: 94 Resp: 172510

Ion Ratio Lower Upper

94 100

65 60.0 28.4 68.4

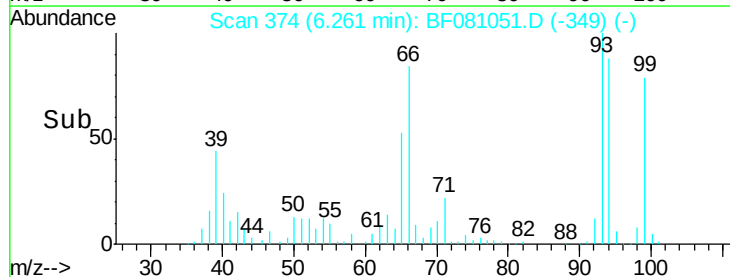
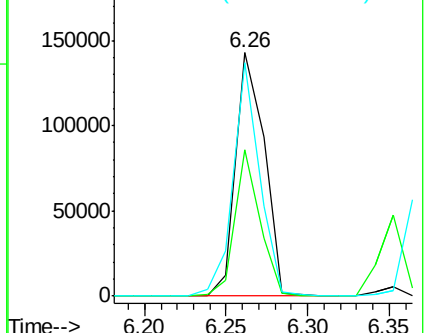
66 96.1 52.3 92.3#

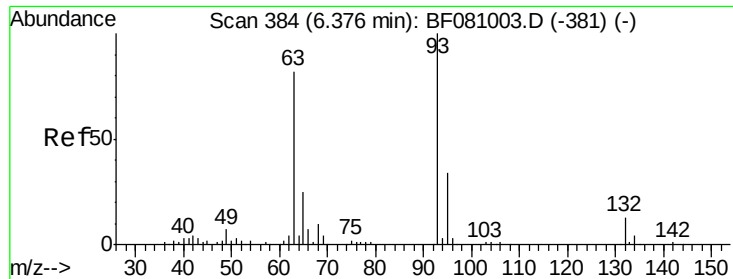


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

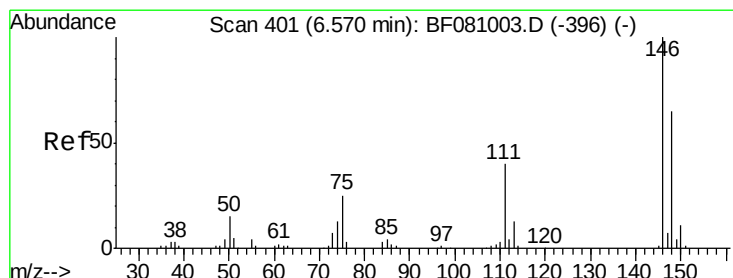
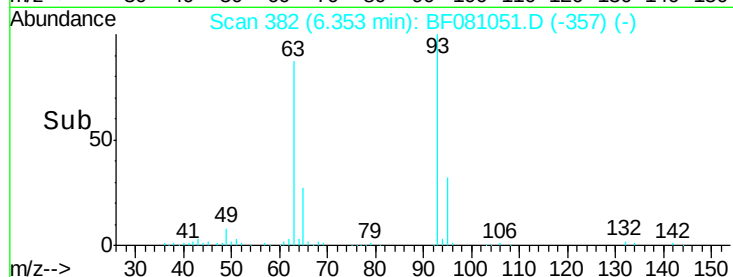
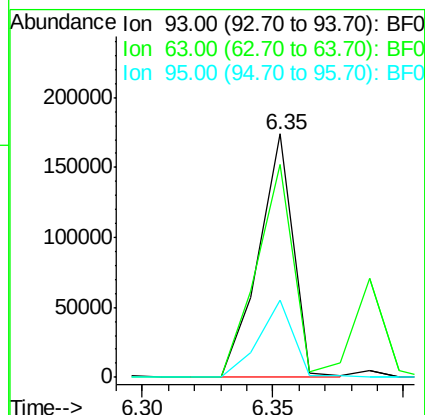
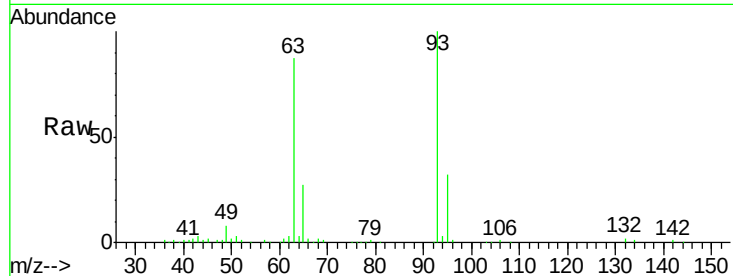




#11
bis(2-Chloroethyl)ether
Concen: 37.85 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

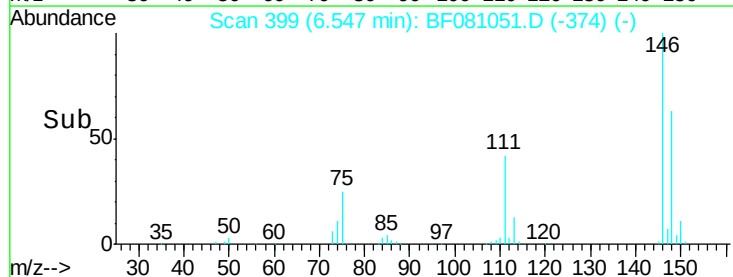
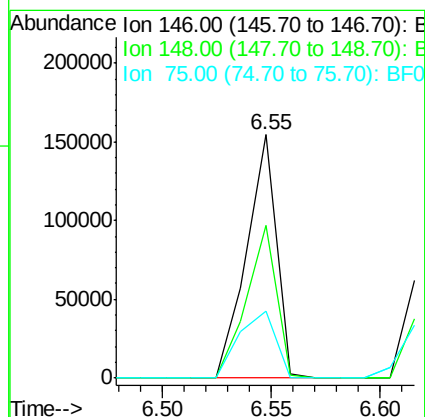
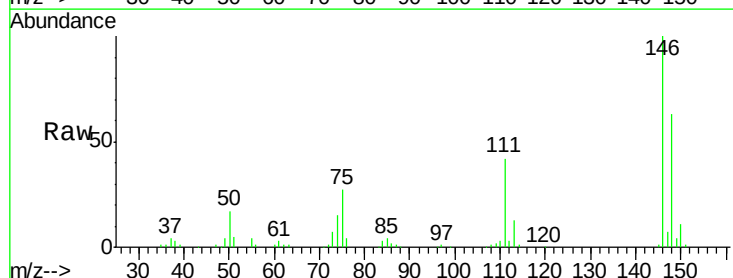
Instrument :
BNA_F
ClientSampleId :

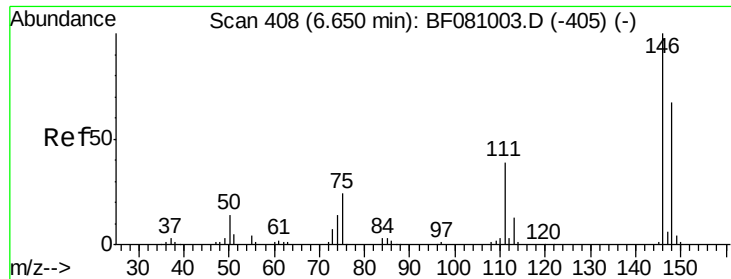
Tot Ion: 93 Resp: 159431
Ion Ratio Lower Upper
93 100
63 87.5 69.6 109.6
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.11 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion: 146 Resp: 147124
Ion Ratio Lower Upper
146 100
148 62.8 53.3 79.9
75 27.3 25.0 37.6

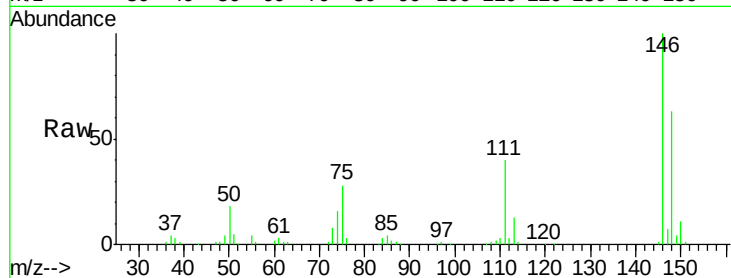




#13
 1,4-Dichlorobenzene
 Concen: 35.70 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.3	78.5
111	40.1	34.4	51.6

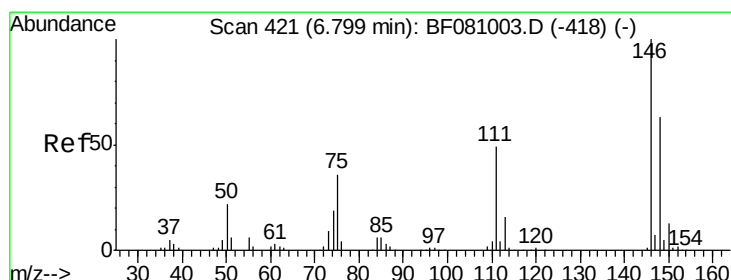
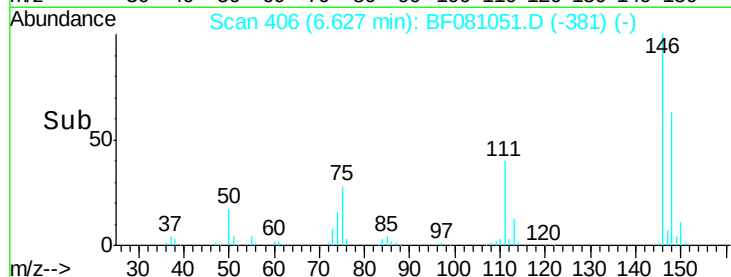
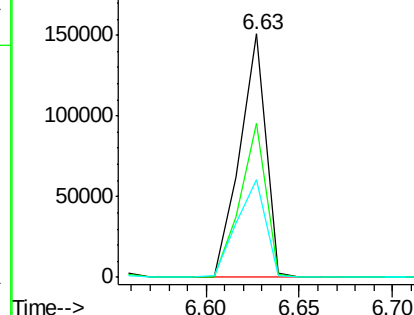


Abundance

Ion 146.00 (145.70 to 146.70): E

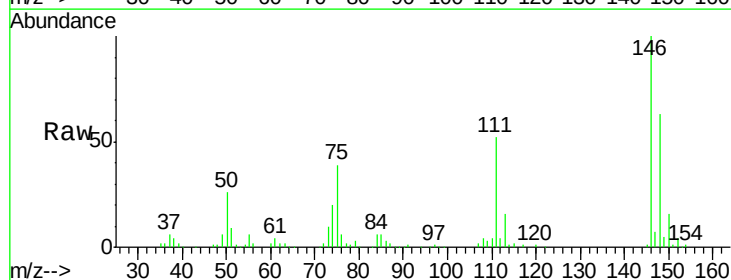
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.34 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	48.7	73.1
111	51.9	42.3	63.5

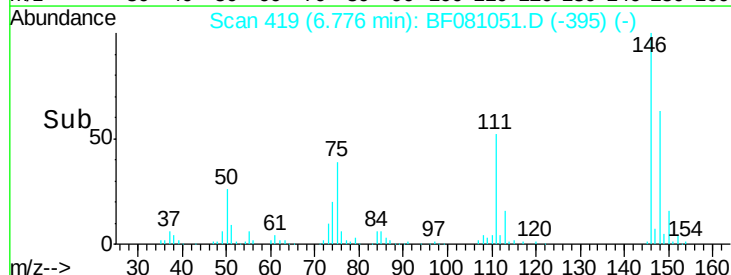
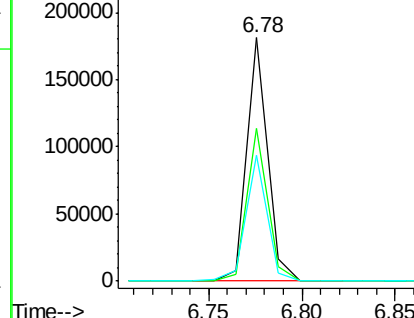


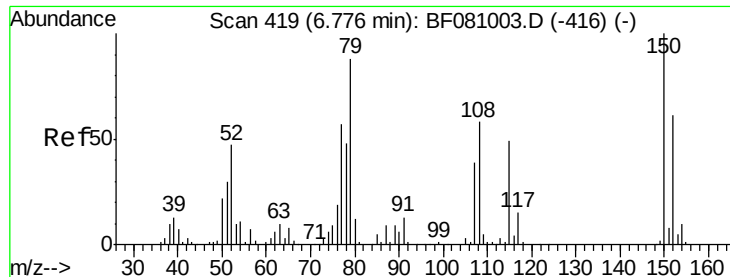
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

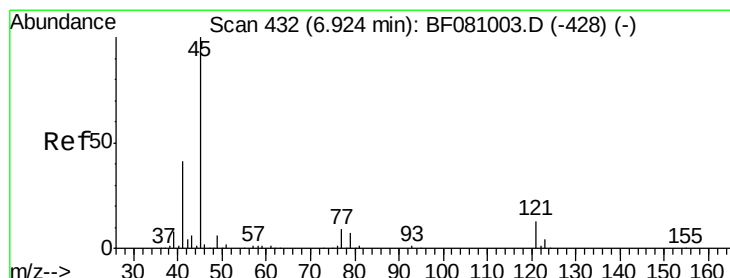
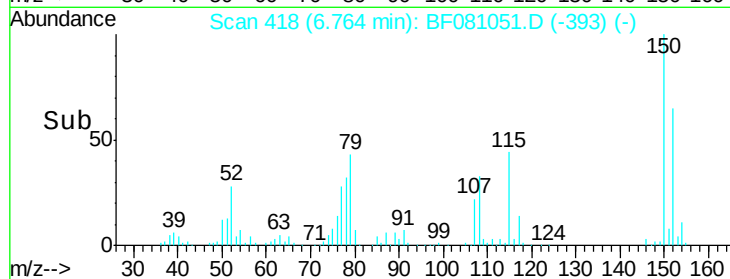
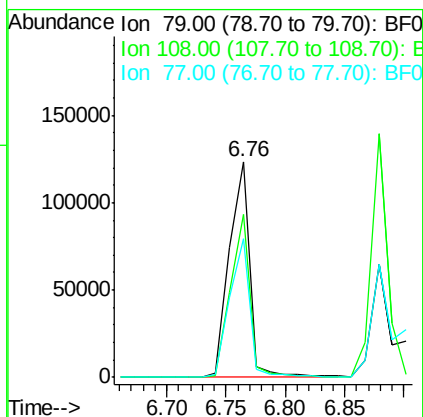
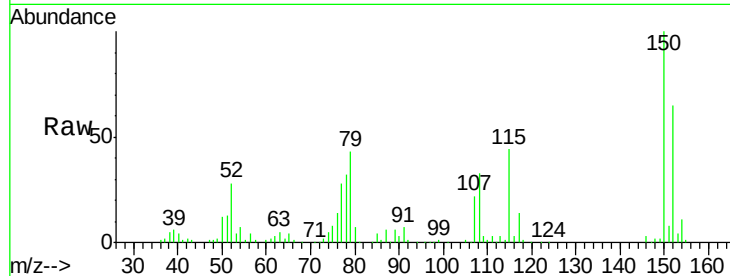




#15
Benzyl Alcohol
Concen: 39.28 ng
RT: 6.76 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

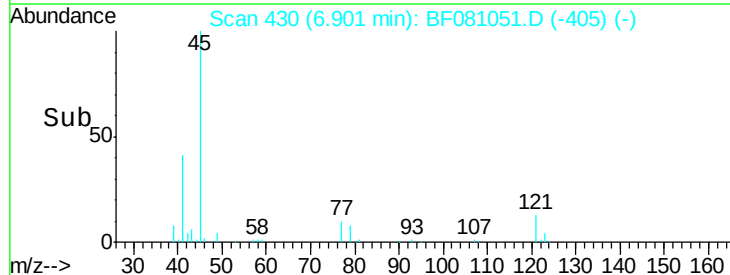
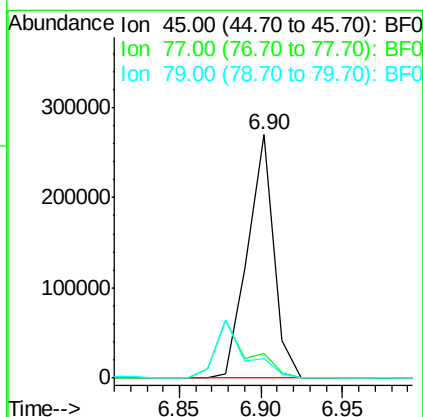
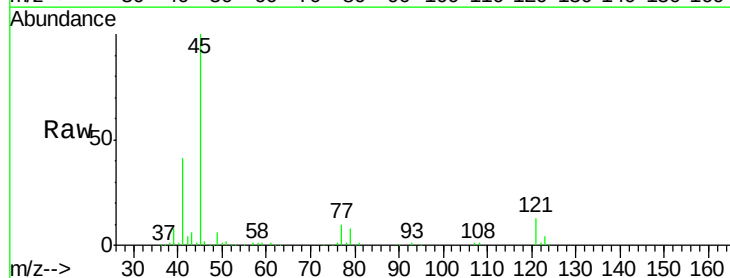
Instrument :
BNA_F
ClientSampleId :

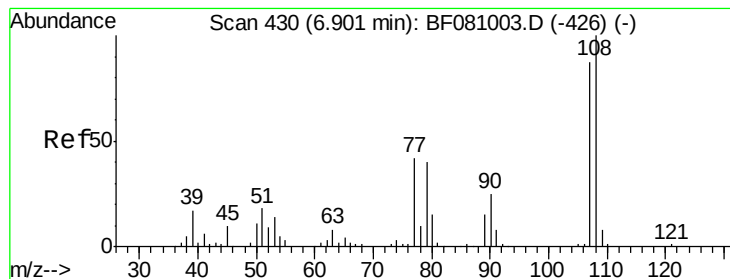
Tot Ion: 79 Resp: 147749
Ion Ratio Lower Upper
79 100
108 75.5 49.4 74.2#
77 64.0 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.33 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion: 45 Resp: 300707
Ion Ratio Lower Upper
45 100
77 10.2 0.0 30.2
79 7.8 0.0 28.0





#17

2-Methylphenol

Concen: 34.94 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF081051.D

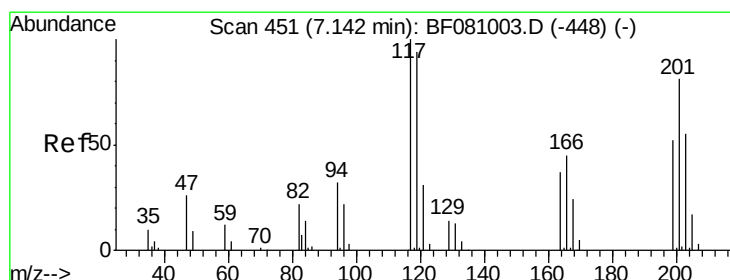
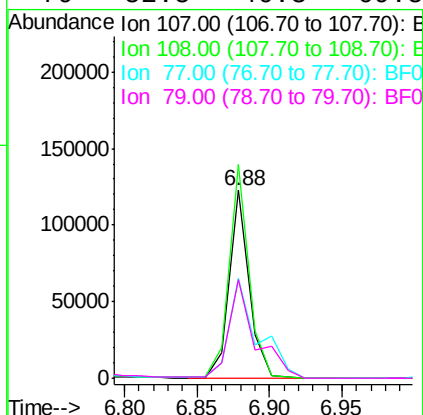
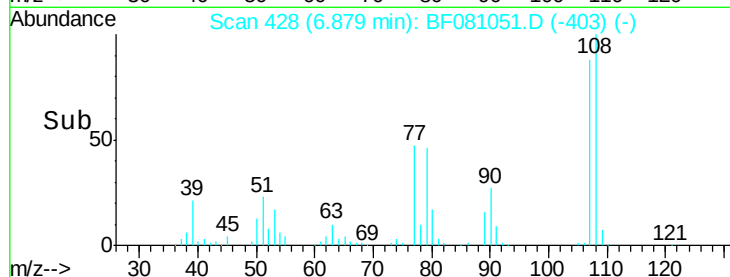
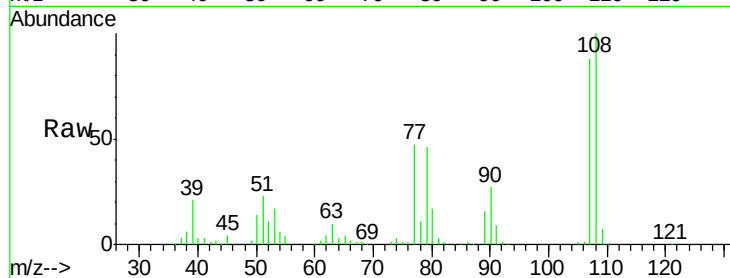
Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	116907
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.4	135.6
77	52.9	46.5	69.7
79	52.5	46.3	69.5



#18

Hexachloroethane

Concen: 35.92 ng

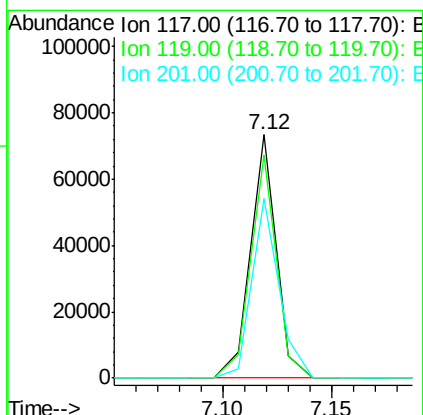
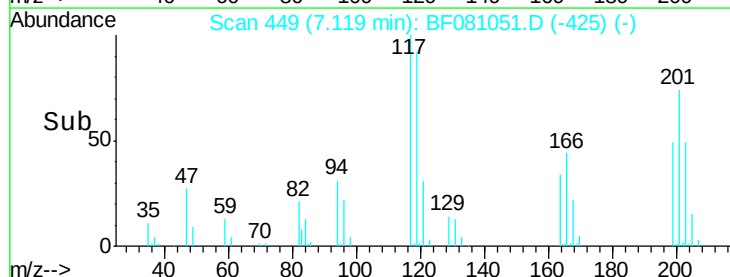
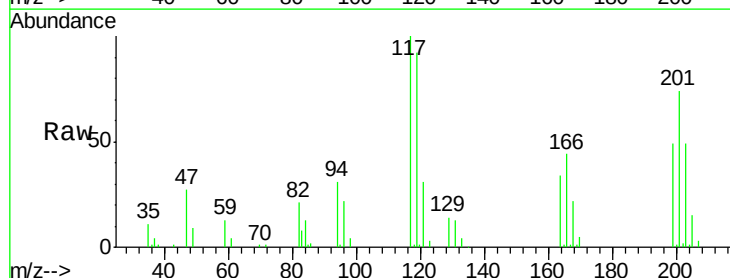
RT: 7.12 min Scan# 449

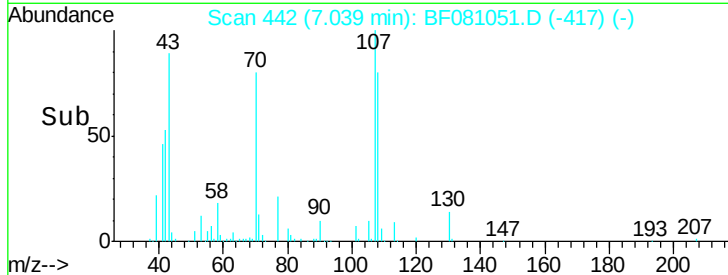
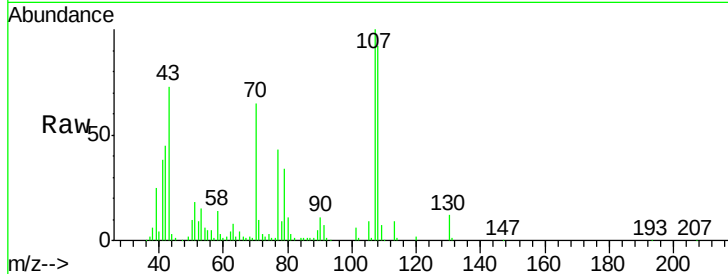
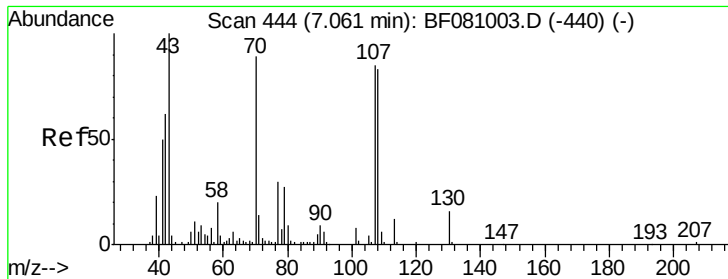
Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Tgt Ion:	117	Resp:	60220
Ion	Ratio	Lower	Upper
117	100		
119	91.7	77.9	116.9
201	73.6	61.3	91.9

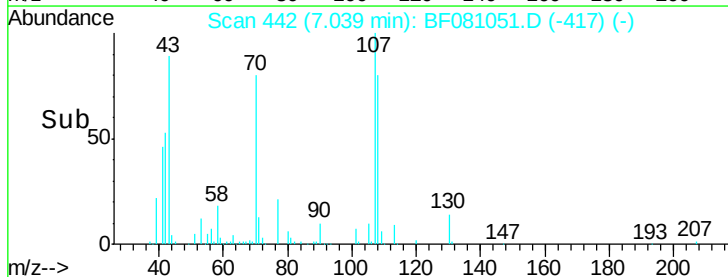
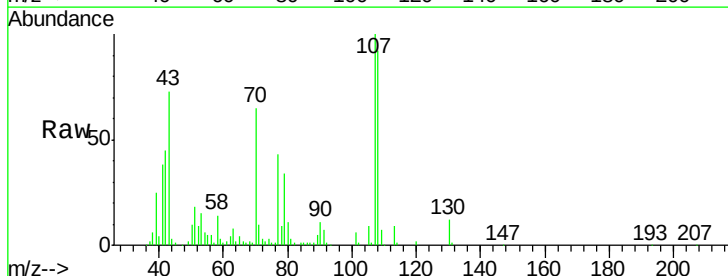
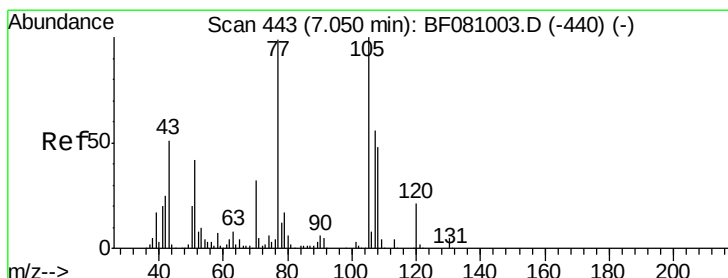
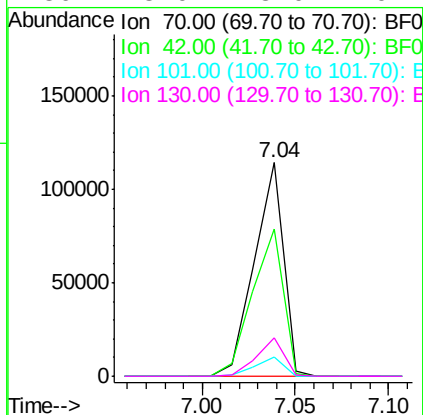




#19
n-Nitroso-di-n-propylamine
Concen: 38.43 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

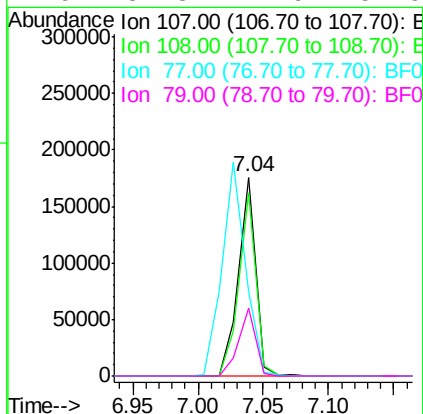
Instrument :
BNA_F
ClientSampleId :

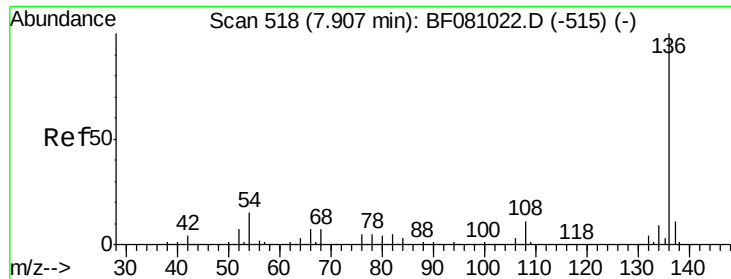
Tot Ion:	70	Resp:	123752
Ion	Ratio	Lower	Upper
70	100		
42	69.0	65.0	97.4
101	8.9	7.4	11.2
130	18.0	13.0	19.4



#20
3+4-Methylphenols
Concen: 37.93 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion:	107	Resp:	161088
Ion	Ratio	Lower	Upper
107	100		
108	92.4	66.1	106.1
77	42.7	139.3	179.3#
79	34.3	11.9	51.9

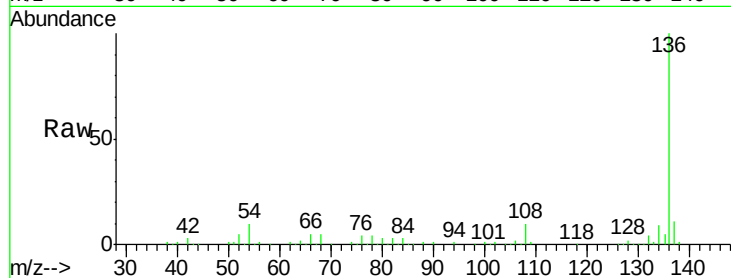




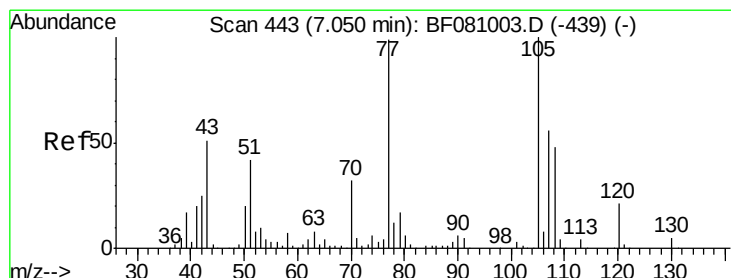
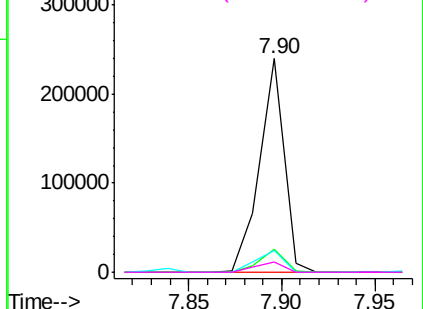
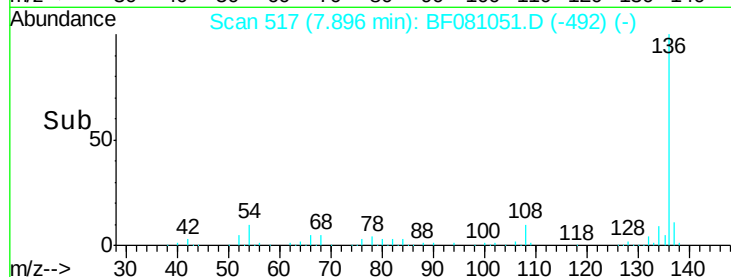
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	217903
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	10.0	7.7 11.5
68	5.1	3.4 5.2

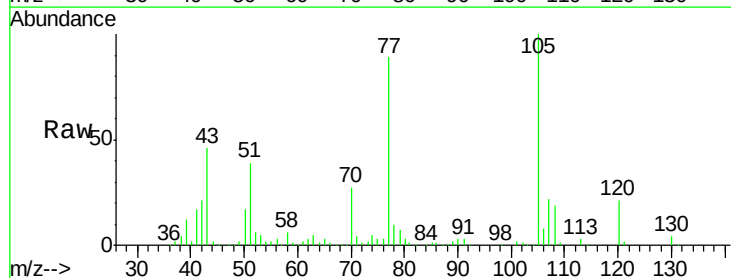


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

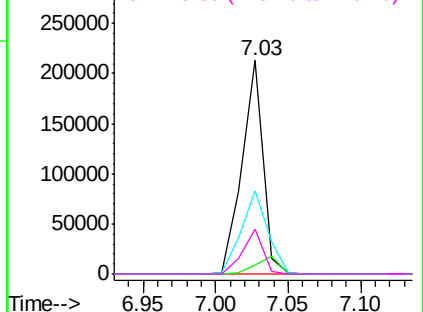
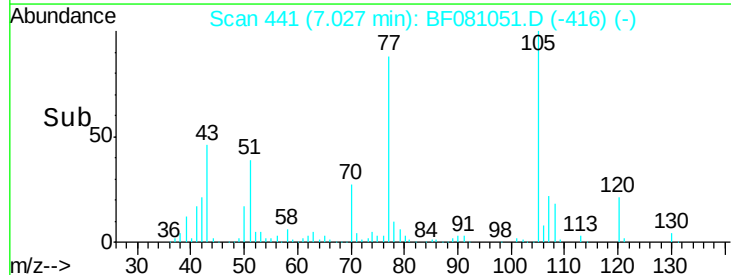


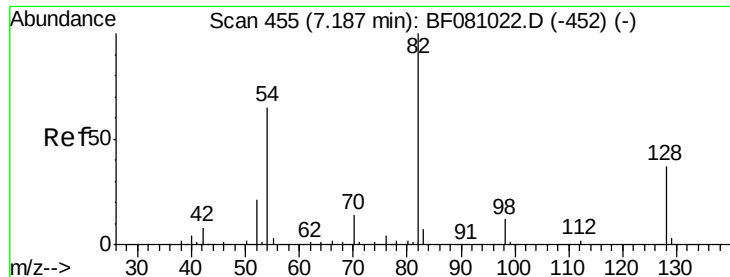
#22
Acetophenone
Concen: 37.50 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion:105	Resp:	214512
Ion Ratio	Lower	Upper
105	100	
71	4.2	3.0 4.6
51	39.1	39.8 59.8#
120	20.9	15.8 23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

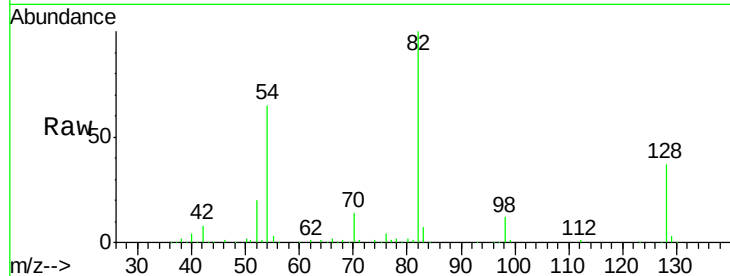




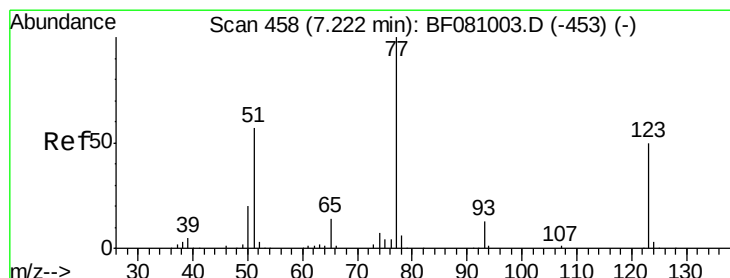
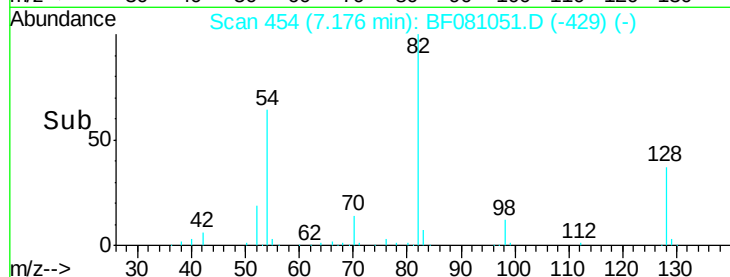
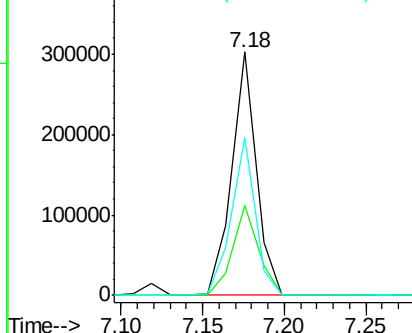
#23
 Nitrobenzene-d5
 Concen: 65.84 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	314047
Ion Ratio	100	Lower	Upper
128	37.0	28.6	42.8
54	64.6	55.1	82.7

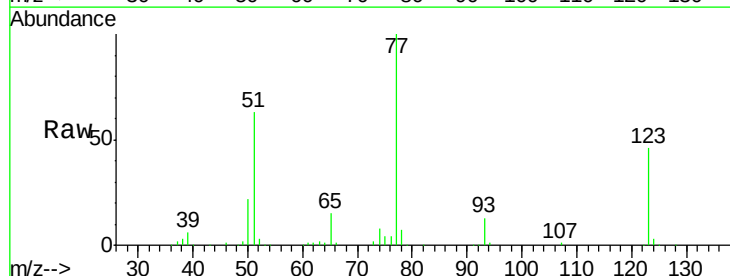


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

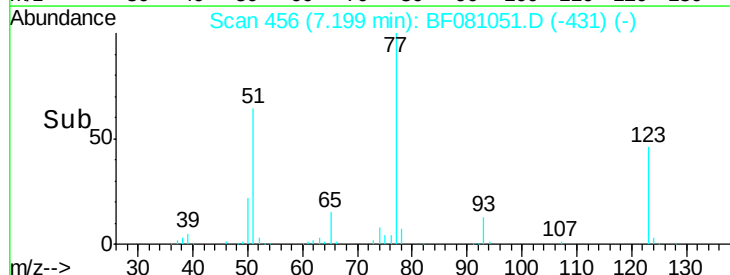
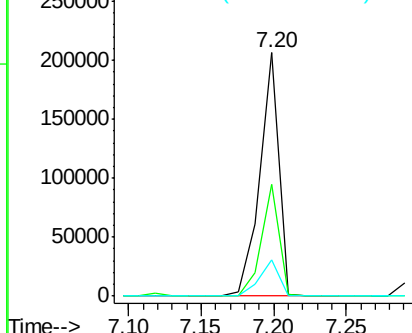


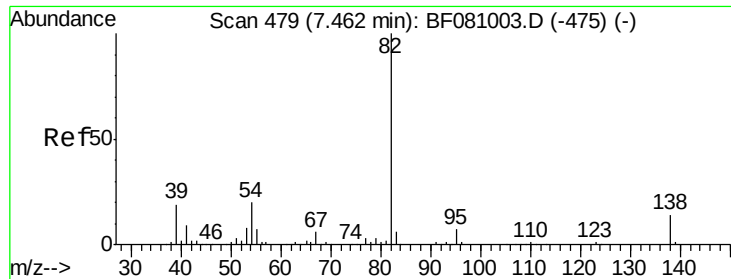
#24
 Nitrobenzene
 Concen: 37.63 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion	77	Resp	187680
Ion Ratio	100	Lower	Upper
123	45.9	32.9	49.3
65	14.9	12.5	18.7



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





#25

Isophorone

Concen: 34.09 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

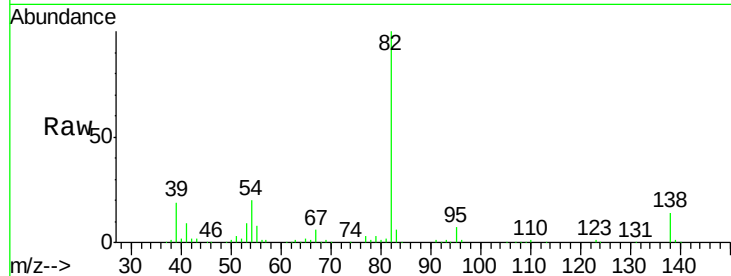
Tot Ion: 82 Resp: 303259

Ion Ratio Lower Upper

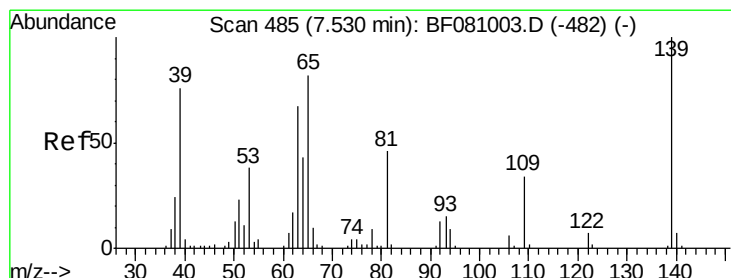
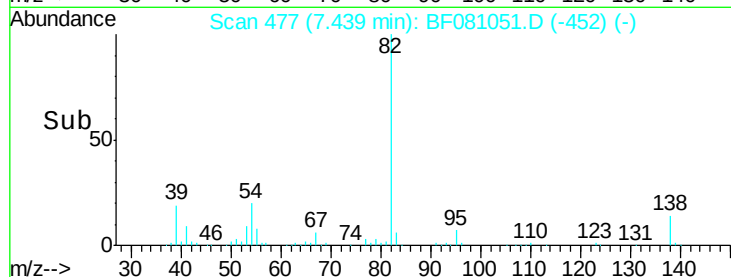
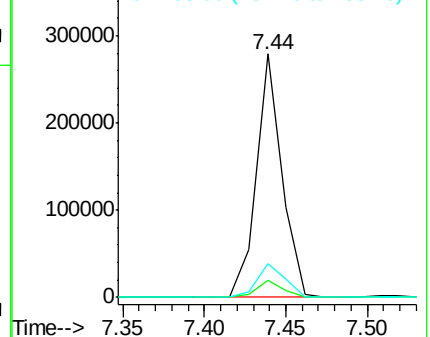
82 100

95 7.0 6.2 9.2

138 14.1 10.5 15.7



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



#26

2-Nitrophenol

Concen: 37.10 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

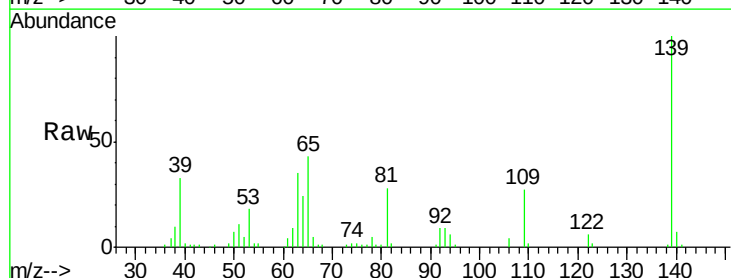
Tgt Ion: 139 Resp: 76959

Ion Ratio Lower Upper

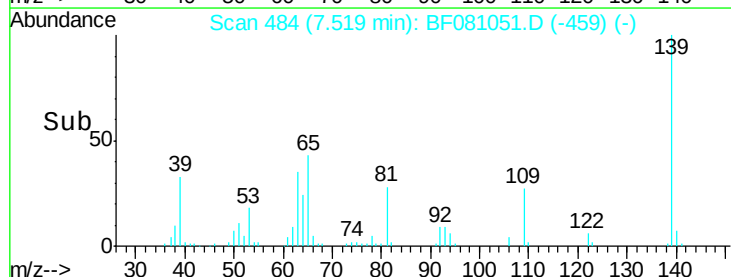
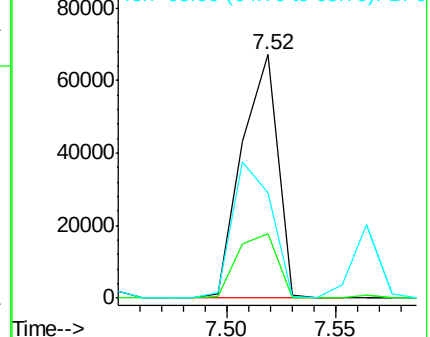
139 100

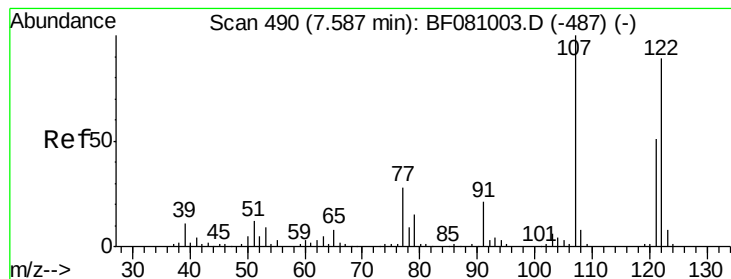
109 26.6 32.1 48.1#

65 43.2 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 37.01 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampled :

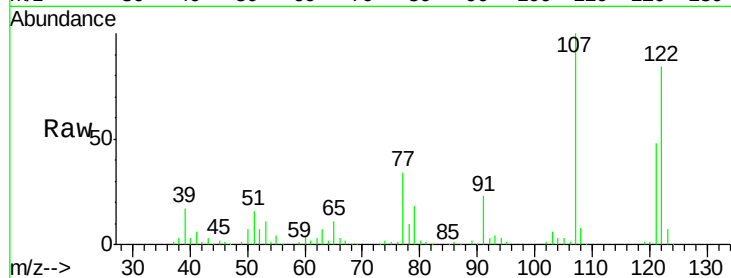
Tot Ion:122 Resp: 135795

Ion Ratio Lower Upper

122 100

107 119.7 103.8 155.6

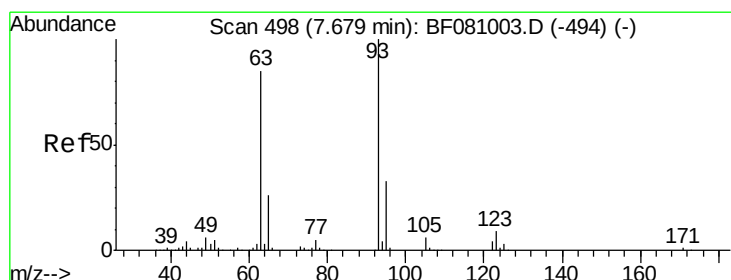
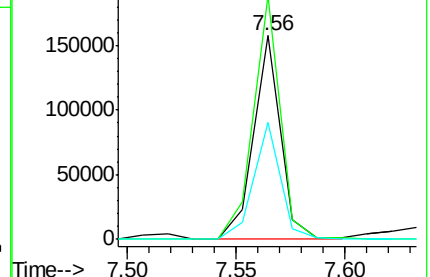
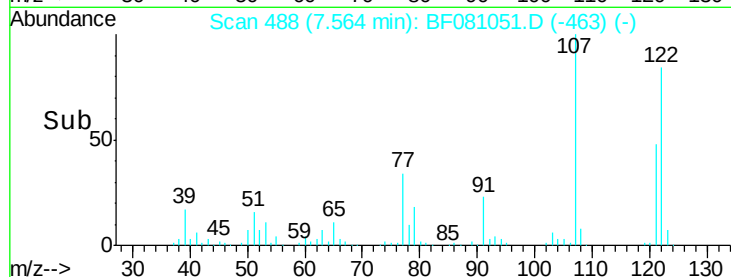
121 57.2 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.51 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

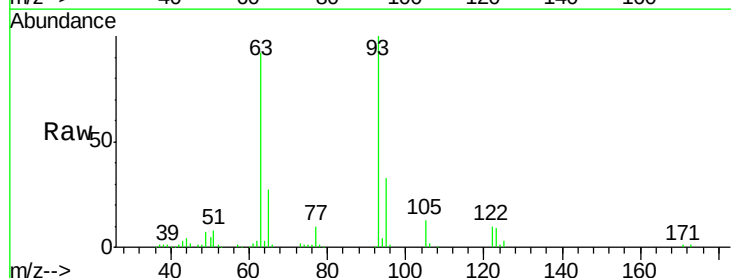
Tgt Ion: 93 Resp: 176076

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

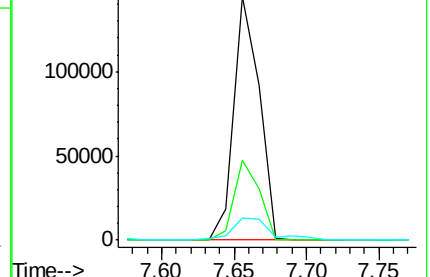
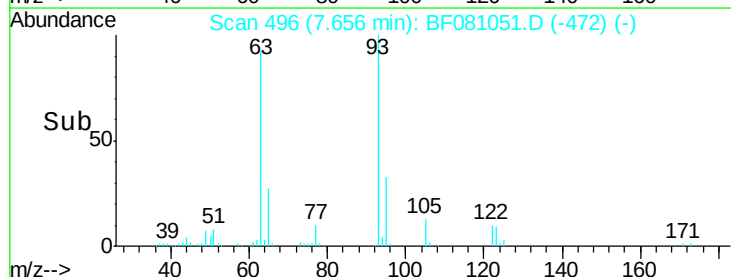
123 9.1 7.4 11.0

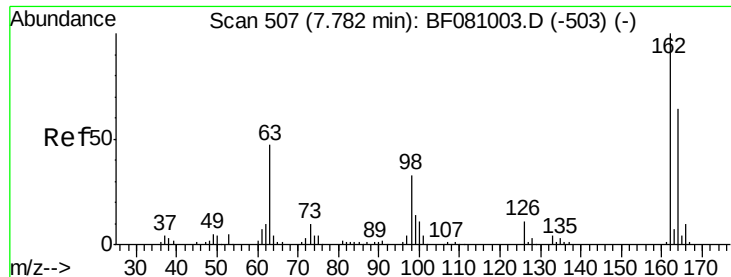


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

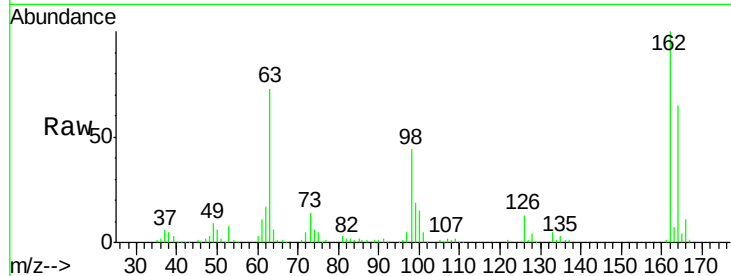




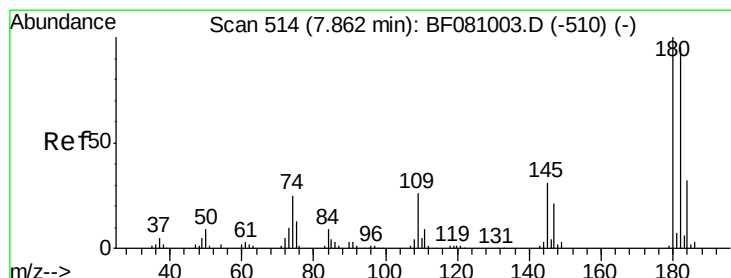
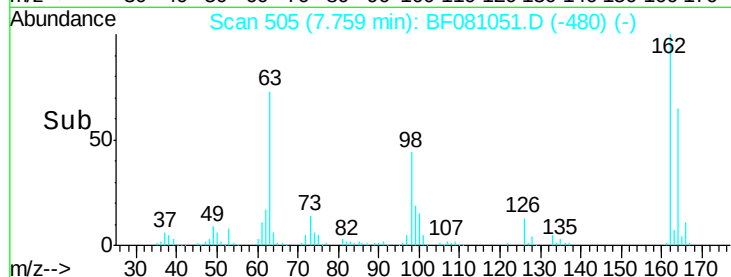
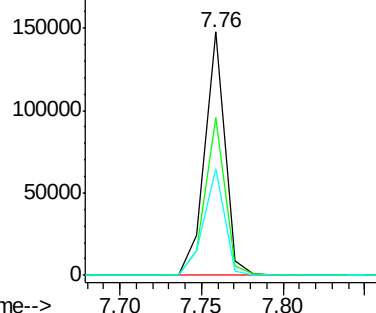
#29
 2,4-Dichlorophenol
 Concen: 40.41 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.2	83.2
98	44.0	12.3	52.3

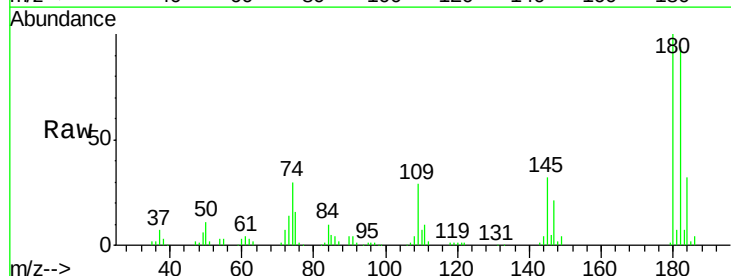


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

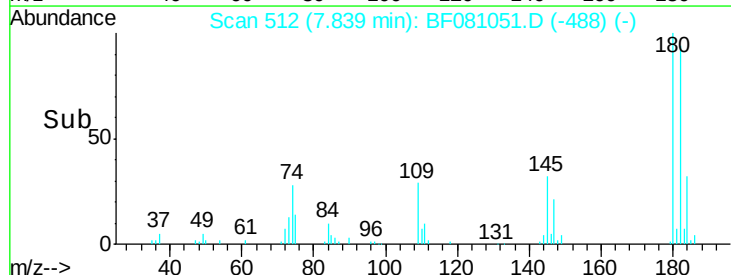
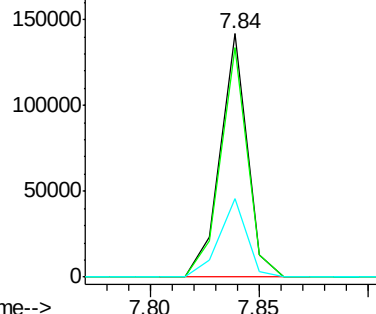


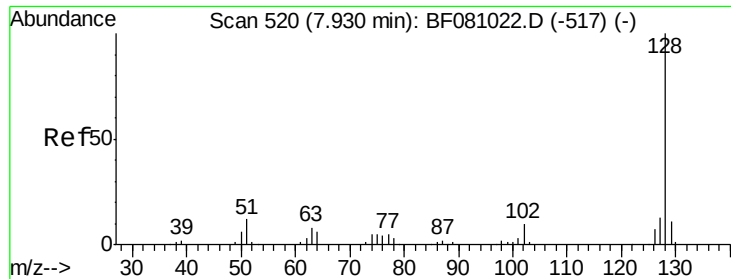
#30
 1,2,4-Trichlorobenzene
 Concen: 35.62 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	32.3	25.4	38.2



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

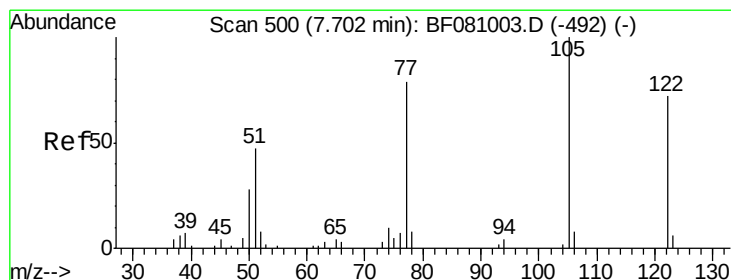
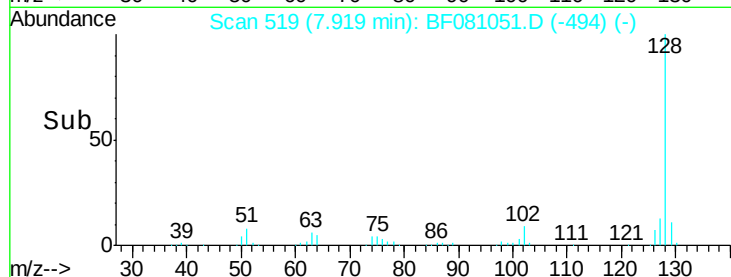
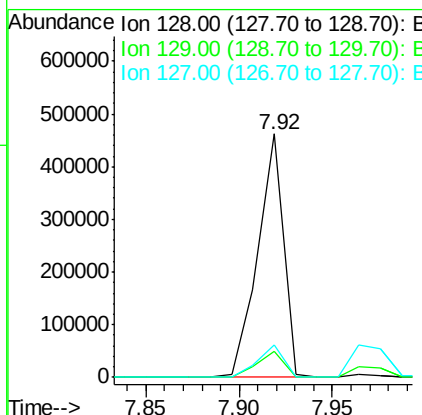
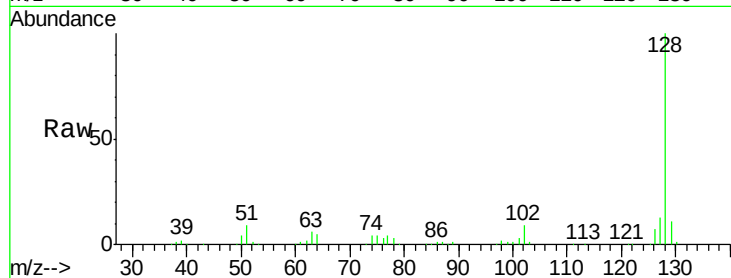




#31
Naphthalene
Concen: 36.01 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

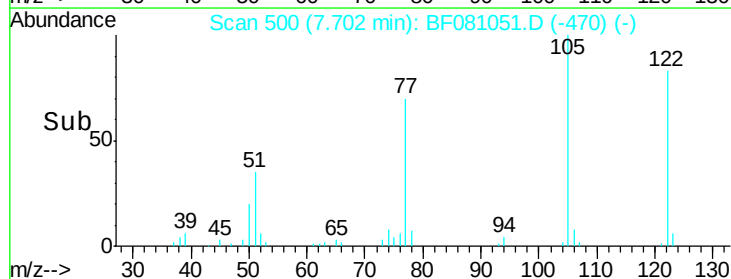
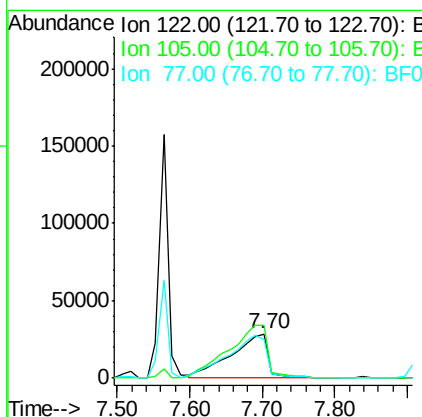
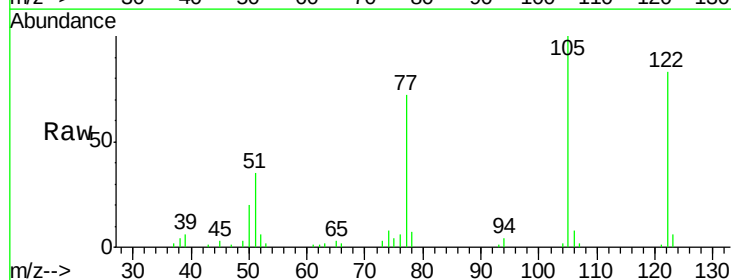
Instrument :
BNA_F
ClientSampleId :

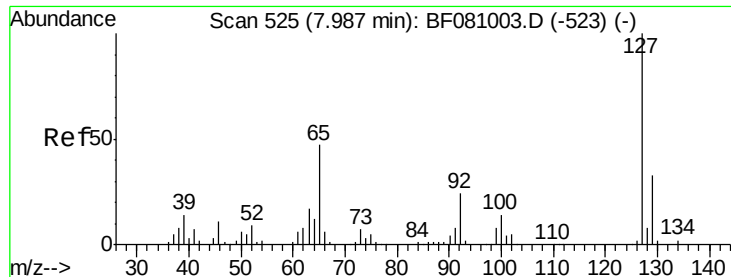
Tot Ion:128 Resp: 437399
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 50.12 ng
RT: 7.70 min Scan# 500
Delta R.T. 0.05 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion:122 Resp: 103440
Ion Ratio Lower Upper
122 100
105 119.8 113.8 153.8
77 86.0 93.8 133.8#

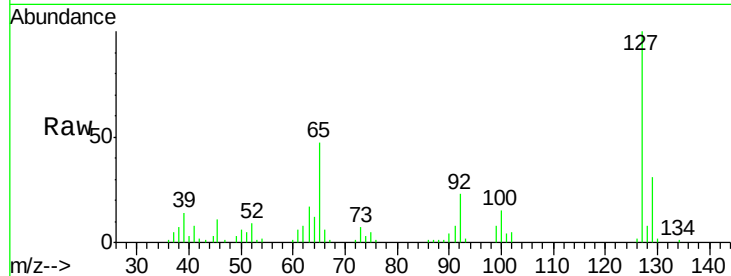




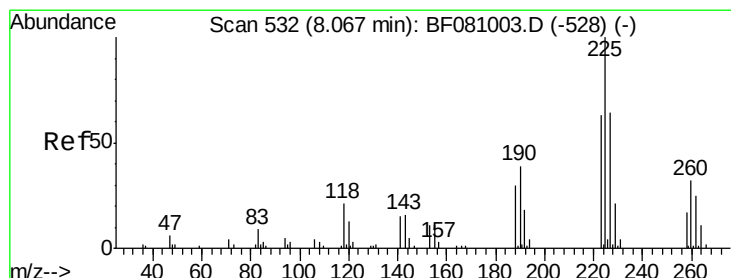
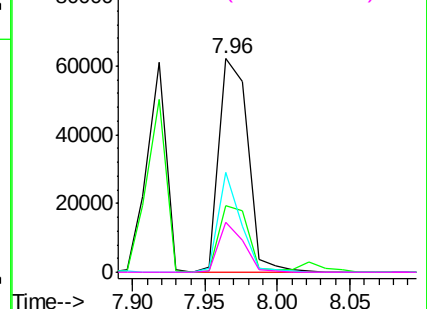
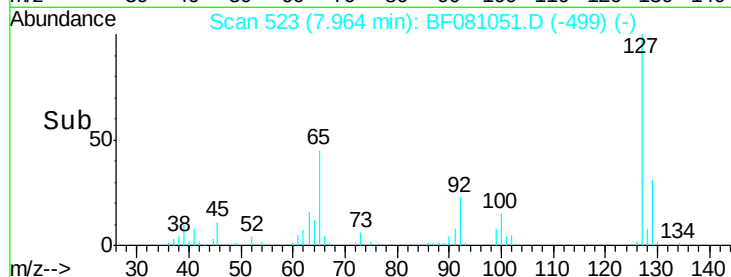
#33
4-Chloroaniline
Concen: 16.83 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	86279
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.2	37.8
65	46.6	37.8	56.6
92	23.2	19.5	29.3

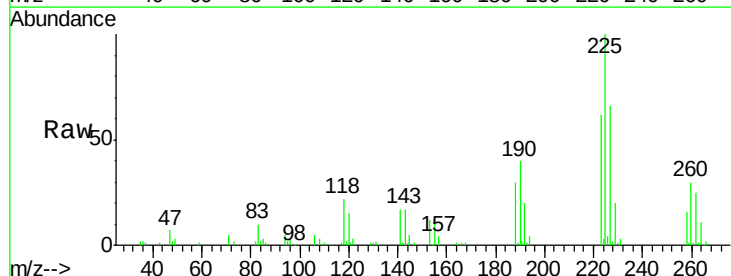


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

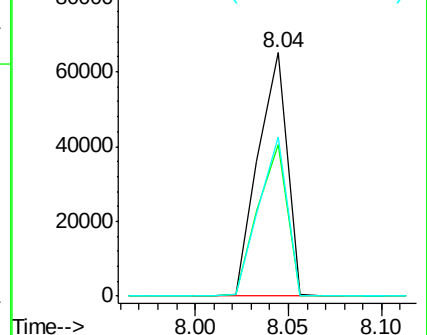
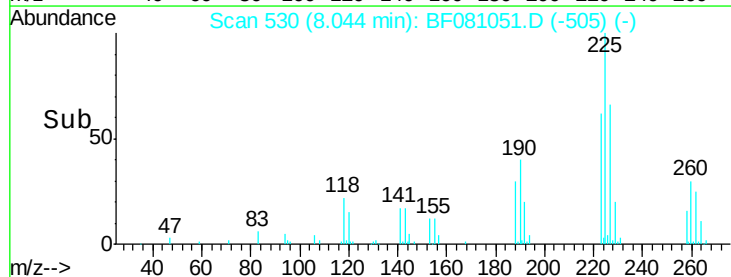


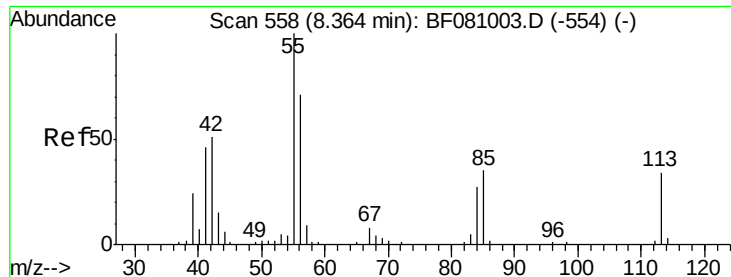
#34
Hexachlorobutadiene
Concen: 36.15 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion:	225	Resp:	70192
Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.6	79.0
227	65.5	51.1	76.7



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





#35

Caprolactam

Concen: 22.51 ng

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

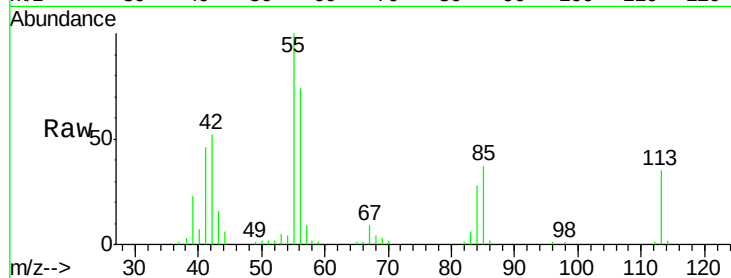
Tot Ion:113 Resp: 24300

Ion Ratio Lower Upper

113 100

55 282.0 280.4 320.4

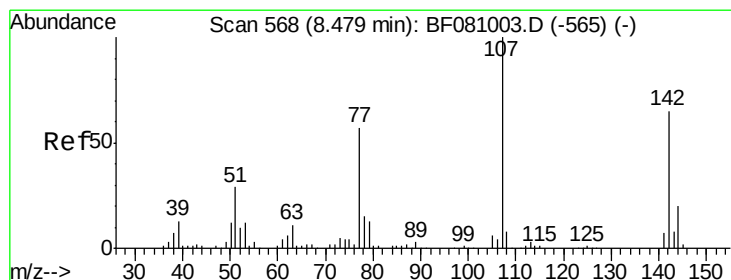
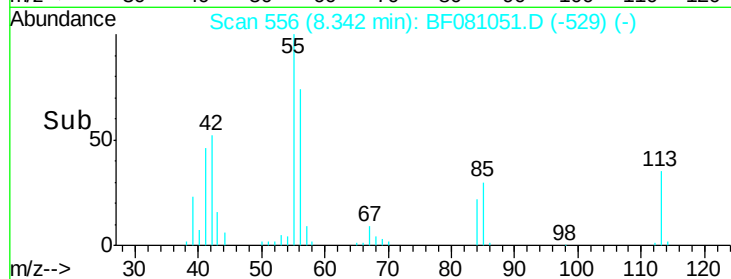
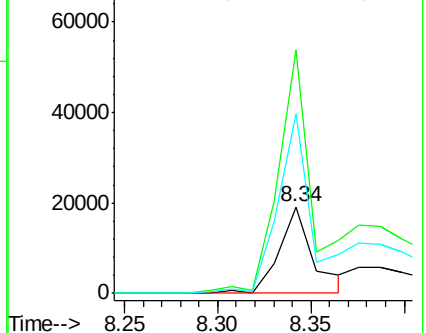
56 207.9 205.9 245.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.05 ng

RT: 8.47 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

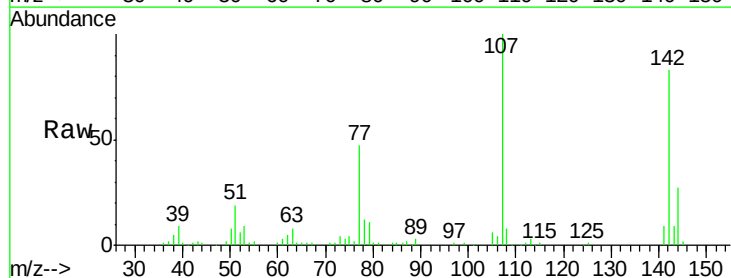
Tgt Ion:107 Resp: 143762

Ion Ratio Lower Upper

107 100

144 27.0 17.2 25.8#

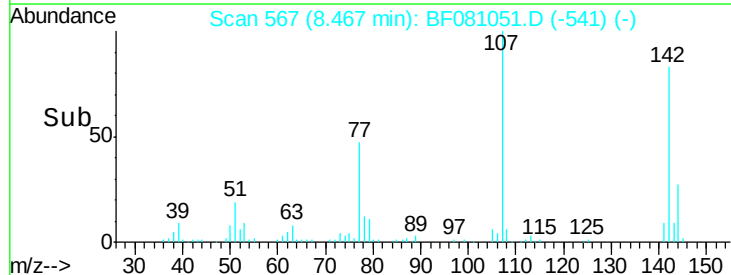
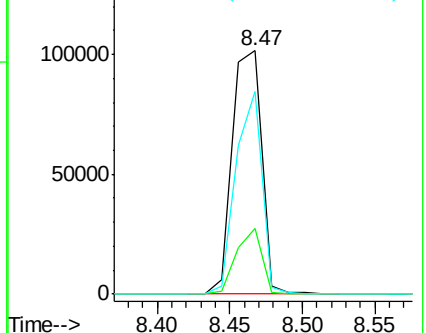
142 83.2 54.9 82.3#

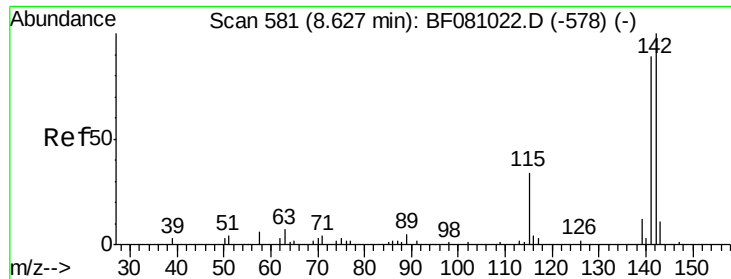


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

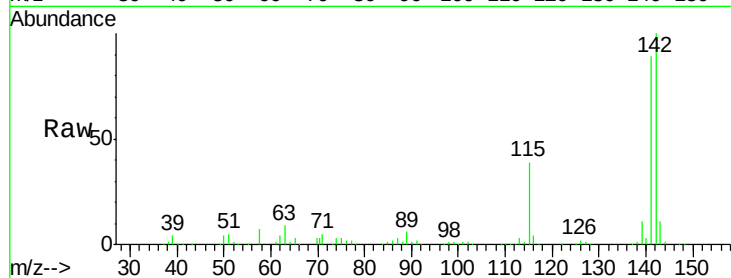




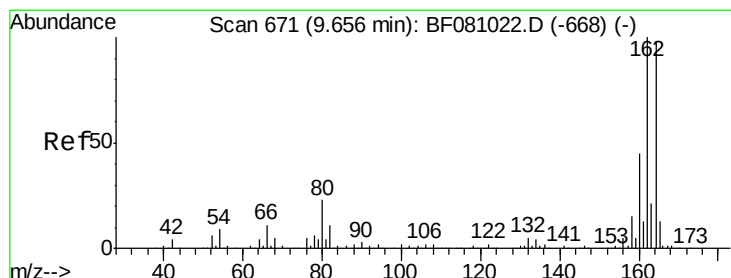
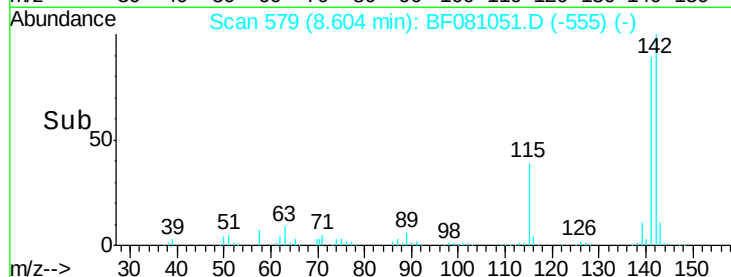
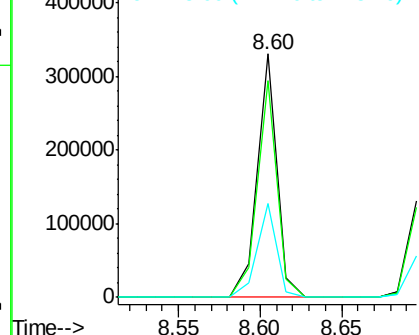
#37
2-Methylnaphthalene
Concen: 36.08 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	38.6	33.4	50.0

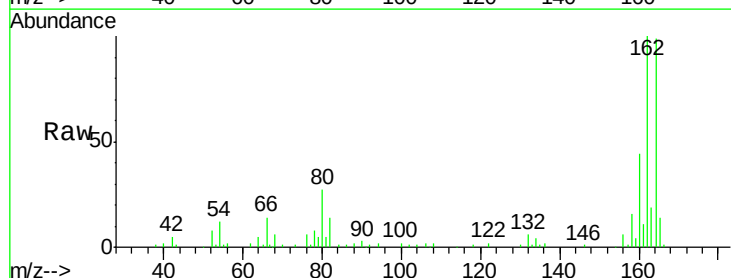


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

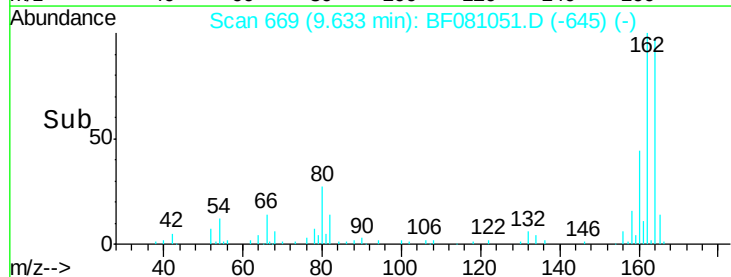
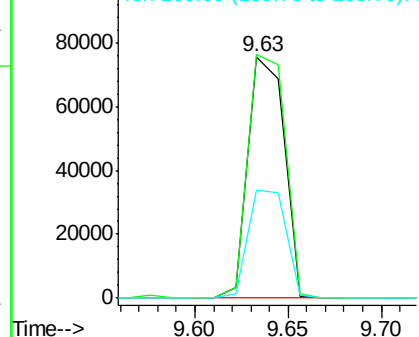


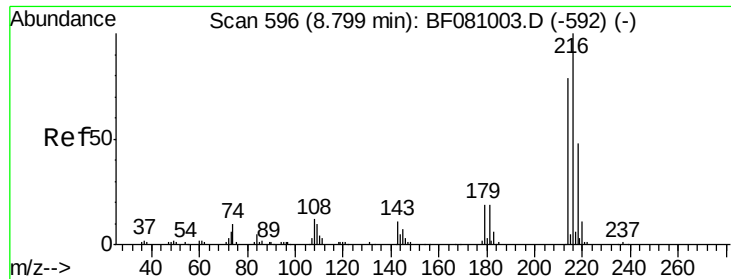
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.8	125.8
160	44.6	39.8	59.8



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

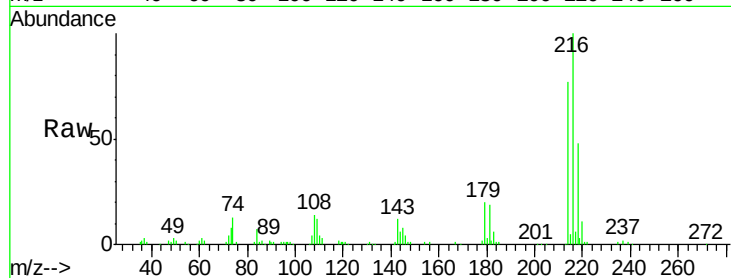




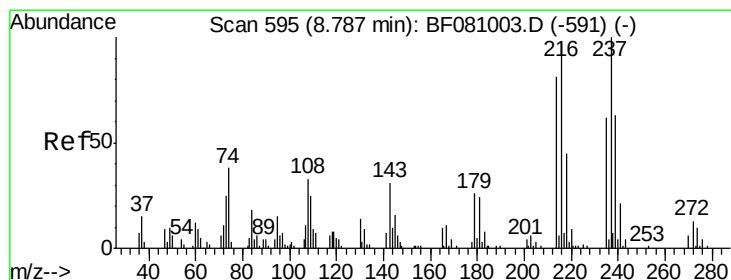
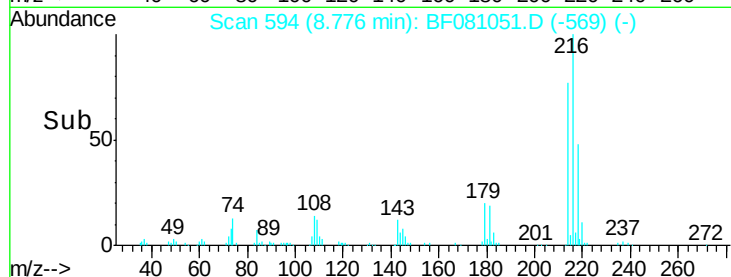
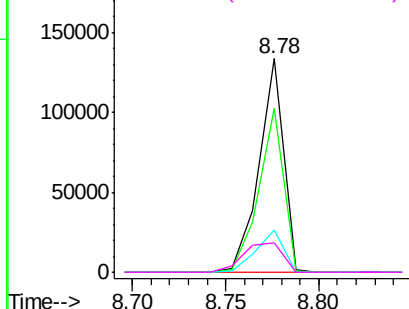
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.75 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	120507
Ion Ratio	Lower	Upper
216	100	
214	77.8	63.8 95.8
179	21.8	17.8 26.8
108	22.4	16.2 24.2

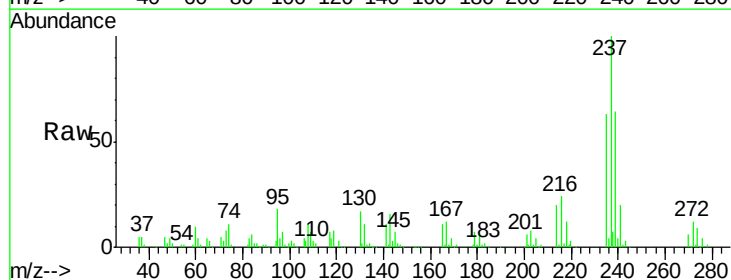


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

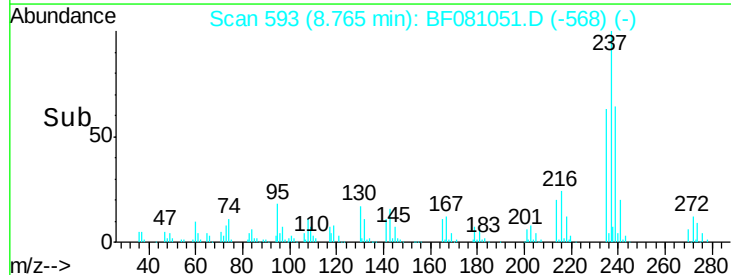
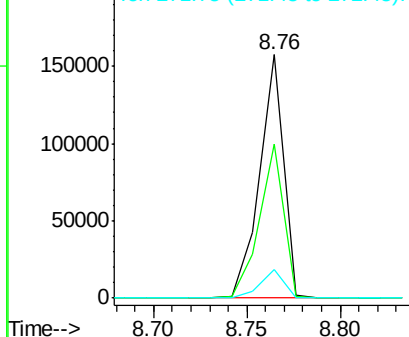


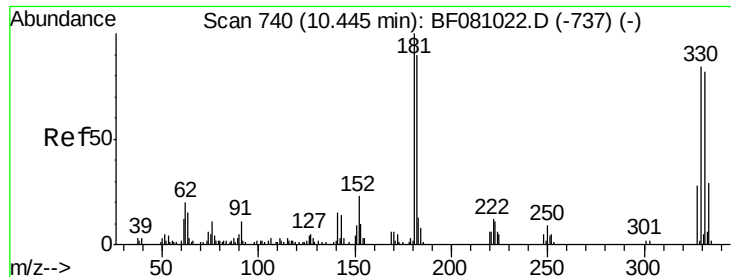
#40
 Hexachlorocyclopentadiene
 Concen: 82.31 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion:237	Resp:	139699
Ion Ratio	Lower	Upper
237	100	
235	63.2	43.6 83.6
272	11.7	0.0 32.2



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: 74.06 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

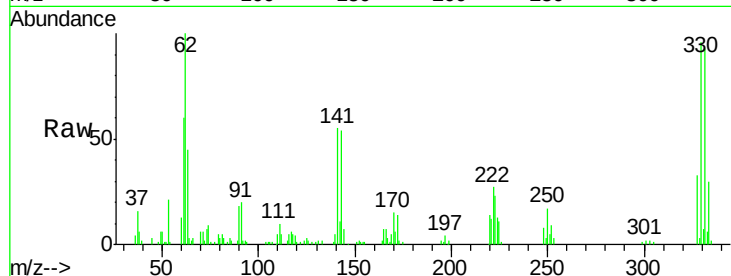
Tot Ion:330 Resp: 65250

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

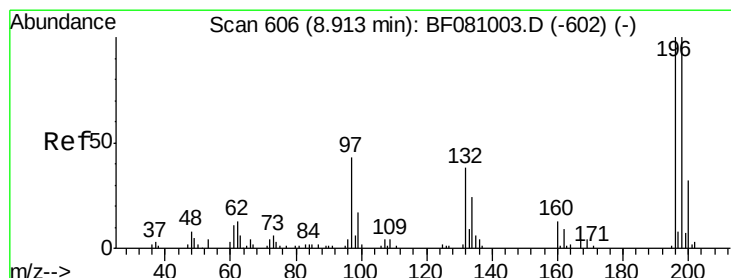
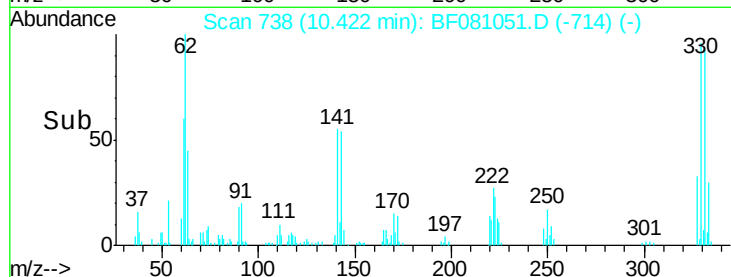
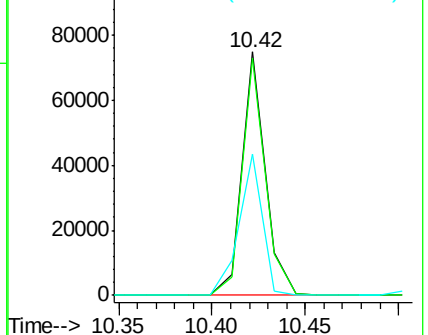
141 57.8 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.40 ng

RT: 8.89 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

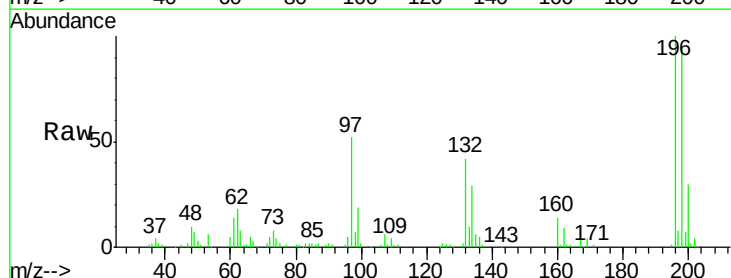
Tgt Ion:196 Resp: 88948

Ion Ratio Lower Upper

196 100

198 93.7 74.6 111.8

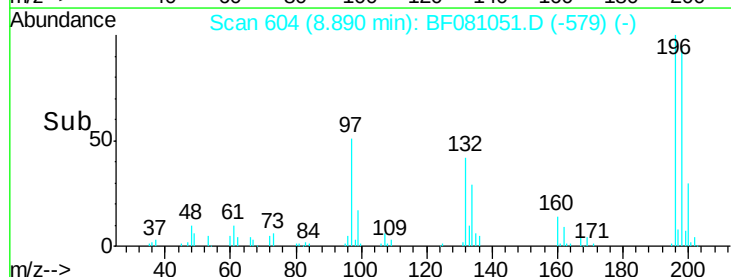
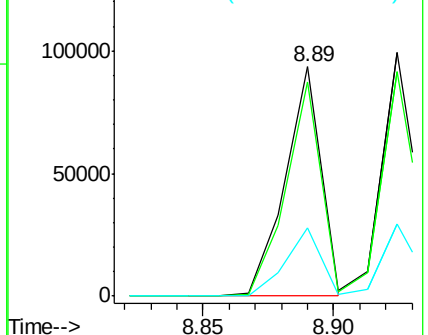
200 29.8 22.7 34.1

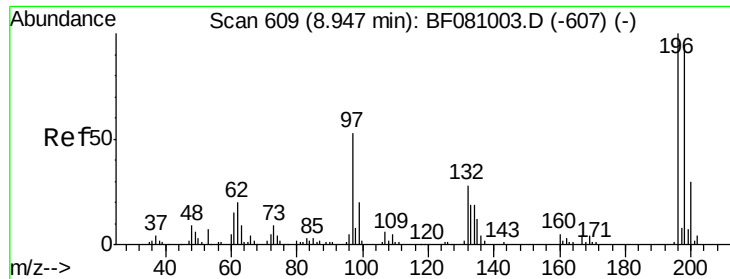


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

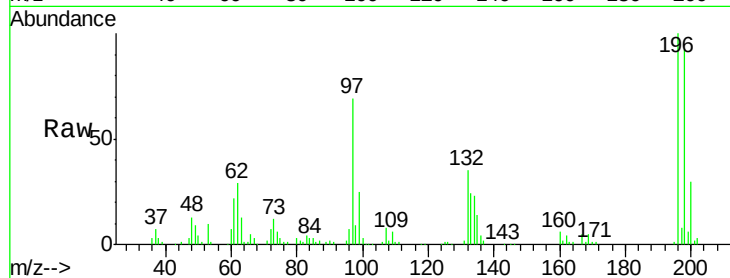




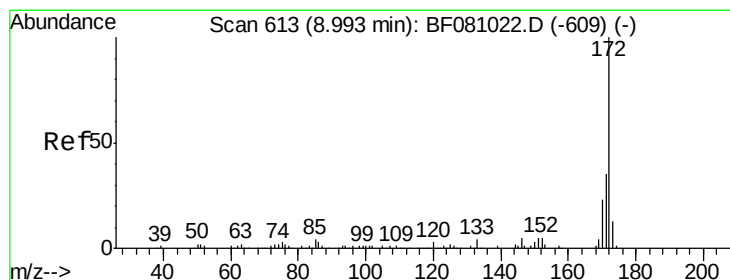
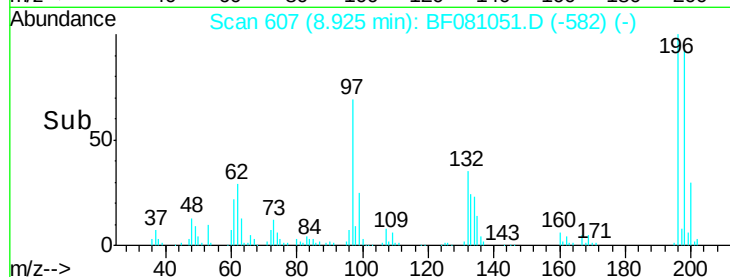
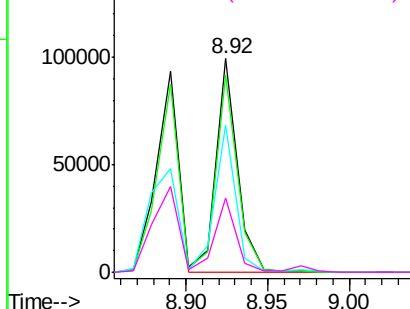
#43
 2,4,5-Trichlorophenol
 Concen: 38.89 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	90045
Ion Ratio	Lower	Upper
196	100	
198	92.4	78.3 117.5
97	69.2	42.7 64.1#
132	34.7	23.3 34.9

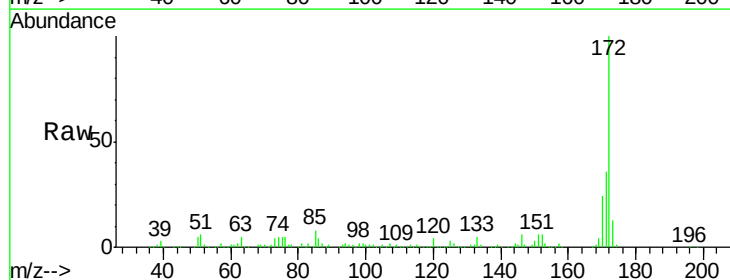


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

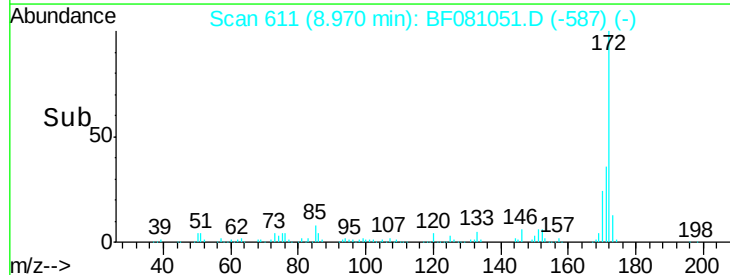
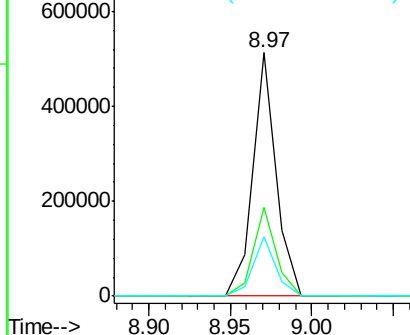


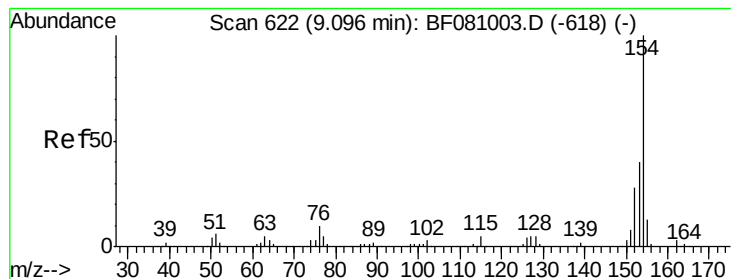
#44
 2-Fluorobiphenyl
 Concen: 65.40 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion:172	Resp:	507263
Ion Ratio	Lower	Upper
172	100	
171	36.2	28.9 43.3
170	24.2	19.4 29.2



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





#45

1,1'-Biphenyl

Concen: 41.23 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

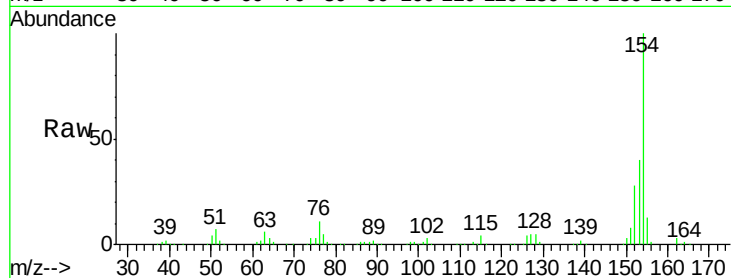
Tot Ion:154 Resp: 369130

Ion Ratio Lower Upper

154 100

153 39.7 19.5 59.5

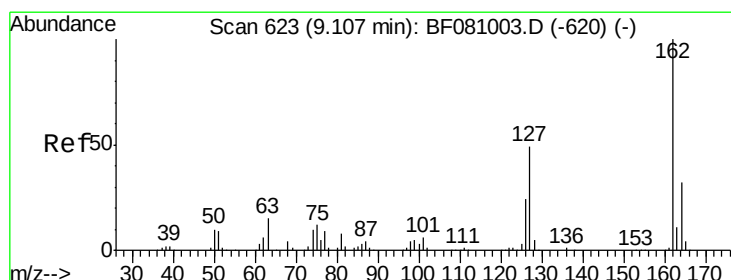
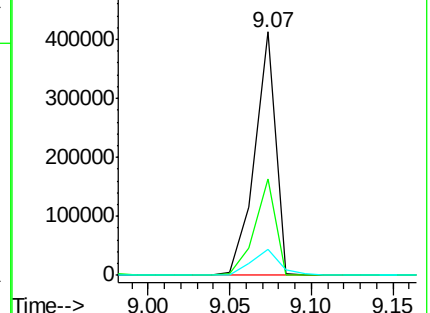
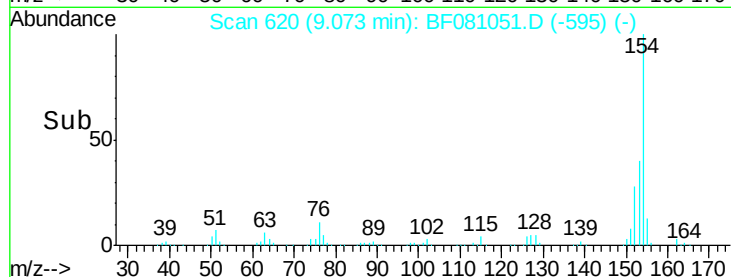
76 10.6 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.50 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

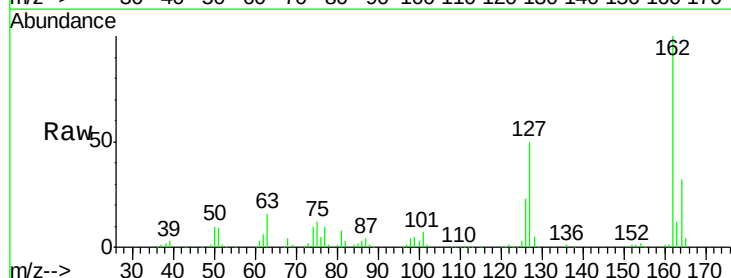
Tgt Ion:162 Resp: 248094

Ion Ratio Lower Upper

162 100

127 50.1 31.3 46.9#

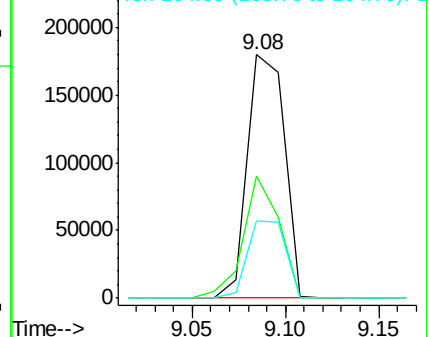
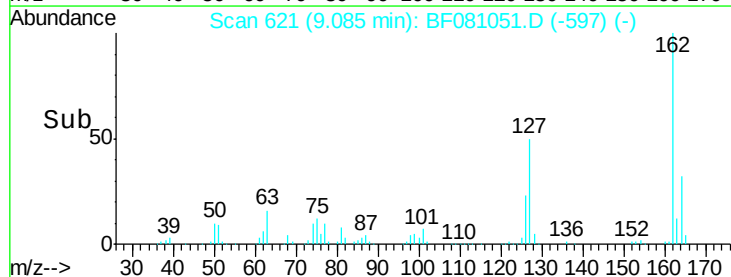
164 31.8 26.3 39.5

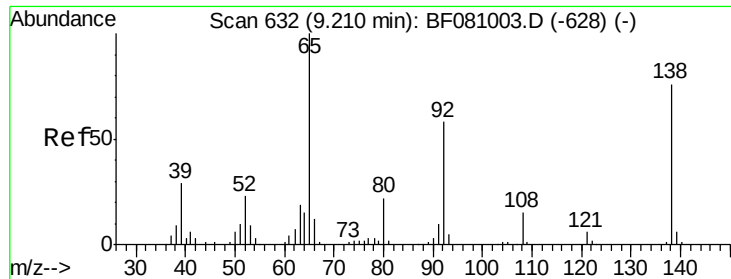


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 33.35 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

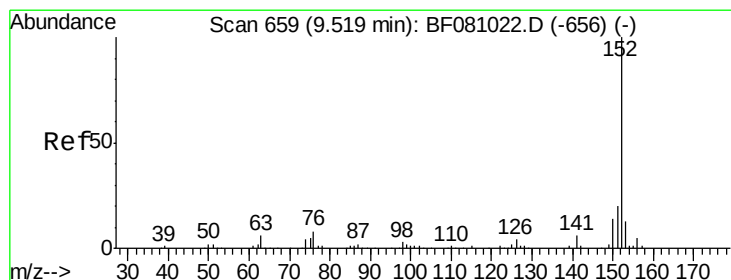
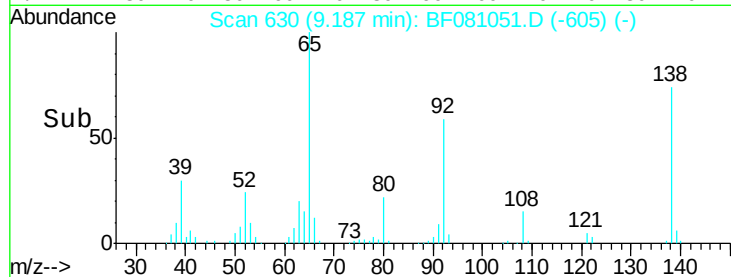
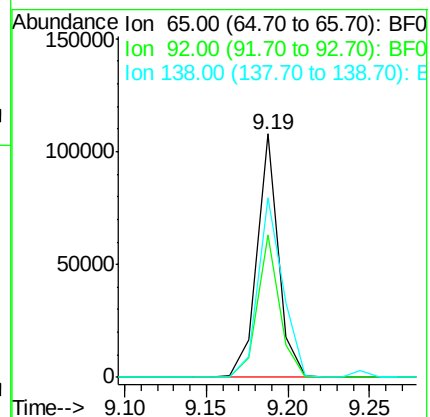
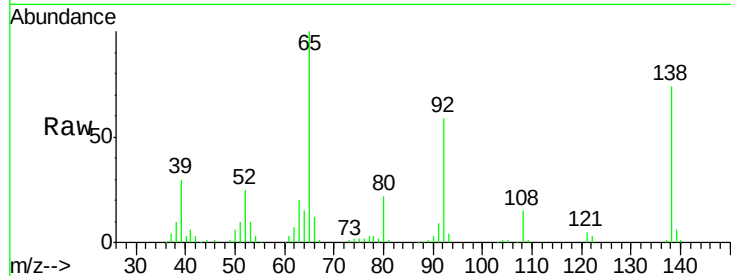
Tot Ion: 65 Resp: 98164

Ion Ratio Lower Upper

65 100

92 58.8 45.6 68.4

138 73.7 57.9 86.9



#48

Acenaphthylene

Concen: 31.29 ng

RT: 9.50 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

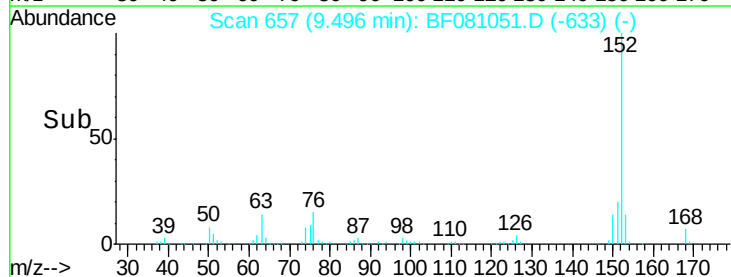
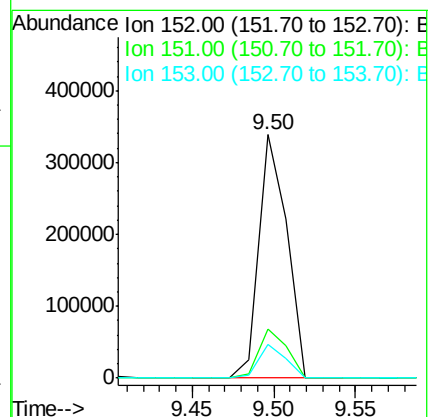
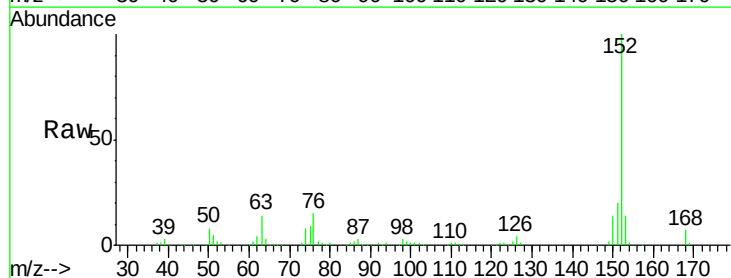
Tgt Ion: 152 Resp: 402587

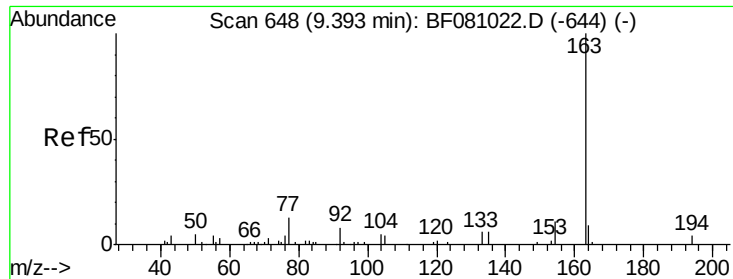
Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.7 9.8 14.6

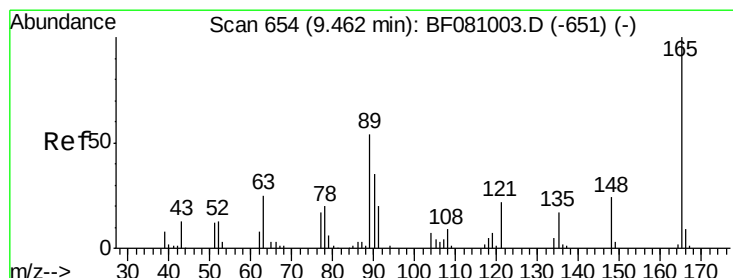
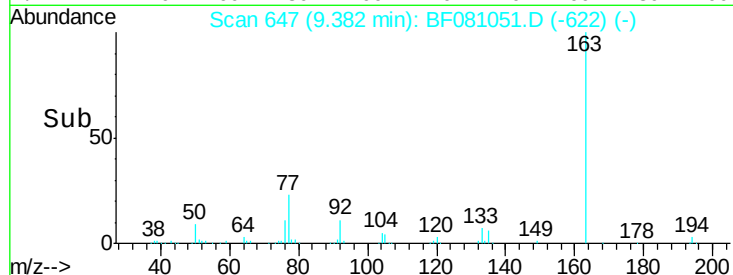
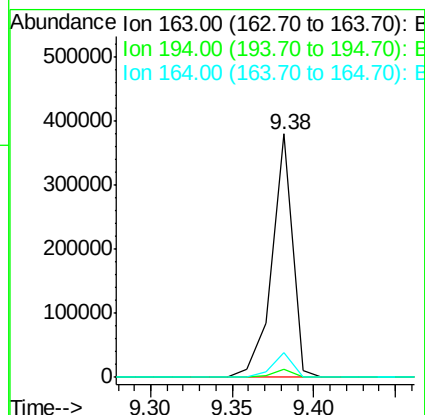
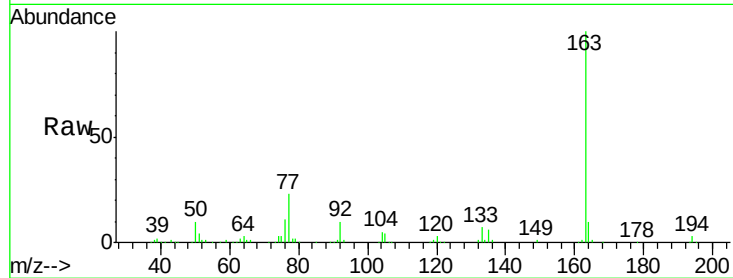




#49
Dimethylphthalate
Concen: 40.13 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

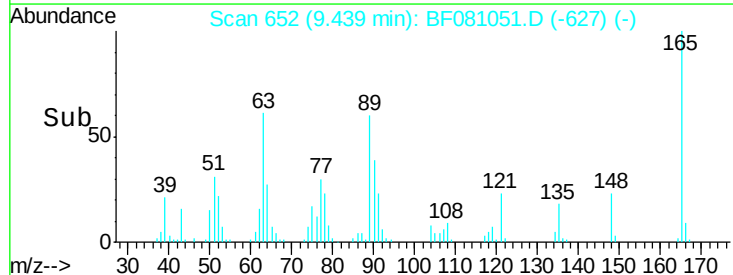
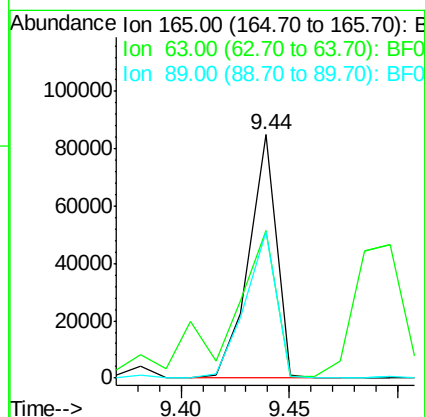
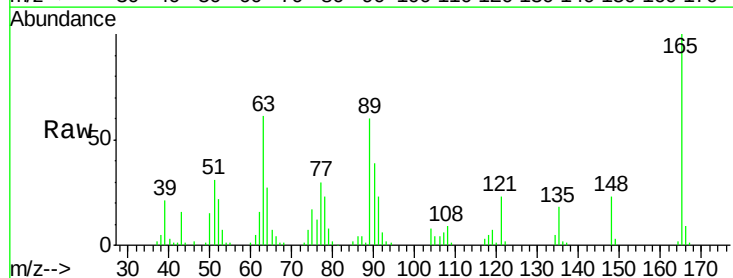
Instrument :
BNA_F
ClientSampleId :

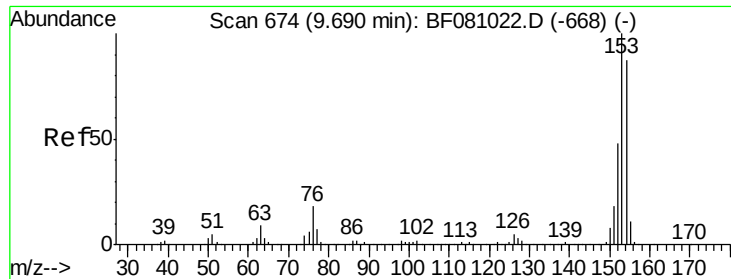
Tot Ion:163 Resp: 335892
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 10.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 41.85 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion:165 Resp: 75200
Ion Ratio Lower Upper
165 100
63 60.5 49.5 74.3
89 60.1 47.6 71.4





#51

Acenaphthene

Concen: 33.76 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampled :

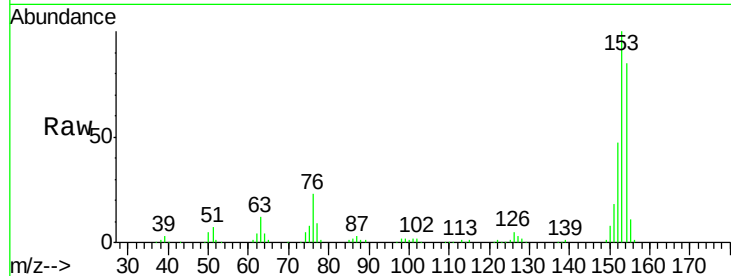
Tot Ion:154 Resp: 260025

Ion Ratio Lower Upper

154 100

153 117.4 91.4 137.2

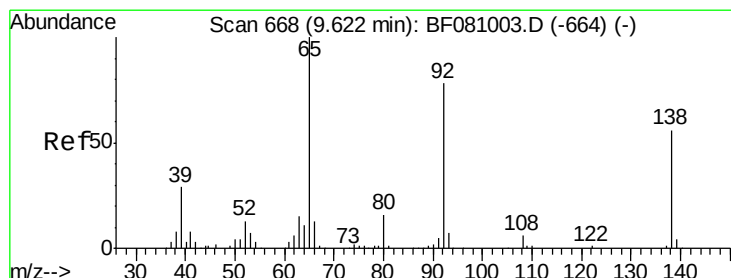
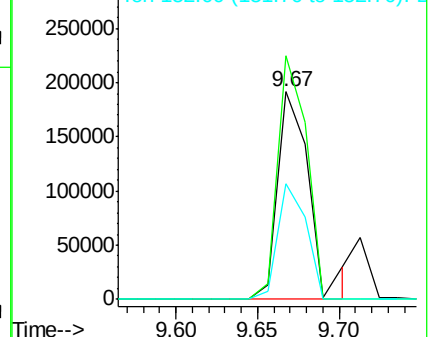
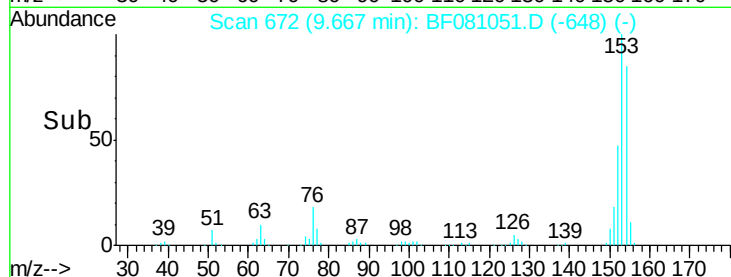
152 55.6 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.53 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

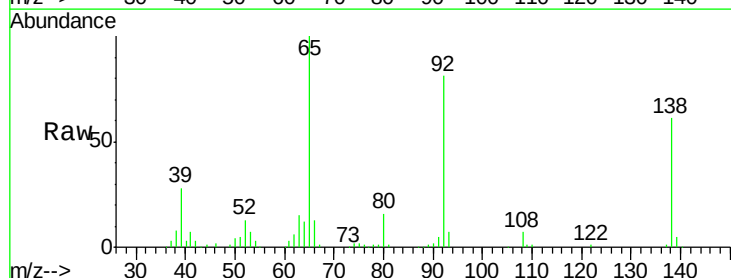
Tgt Ion:138 Resp: 57421

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.2

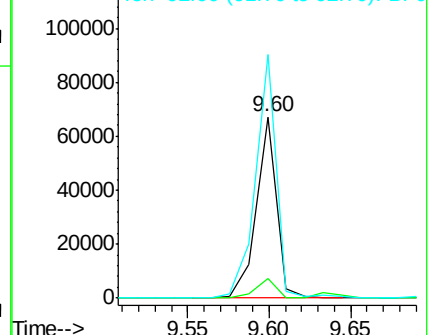
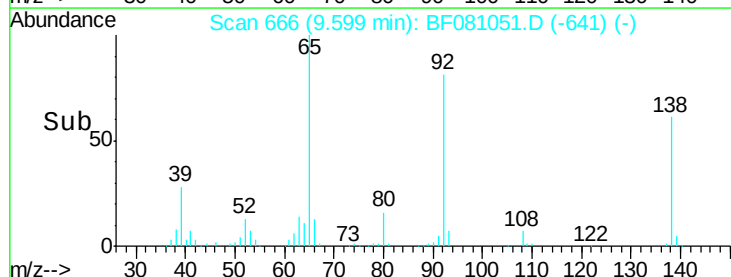
92 134.2 113.2 169.8

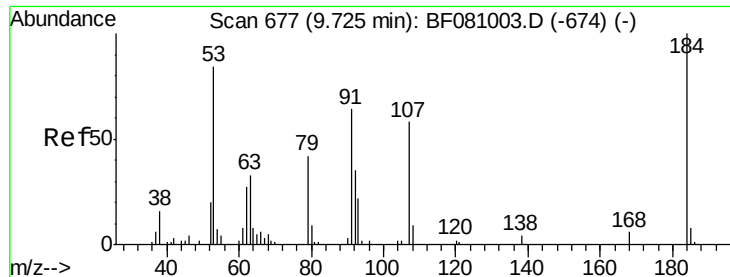


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

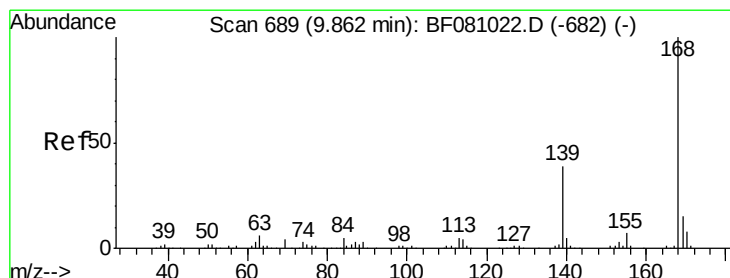
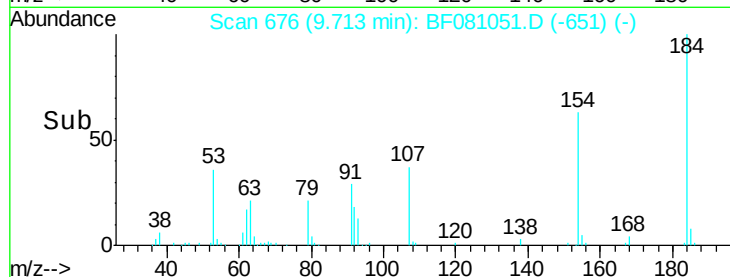
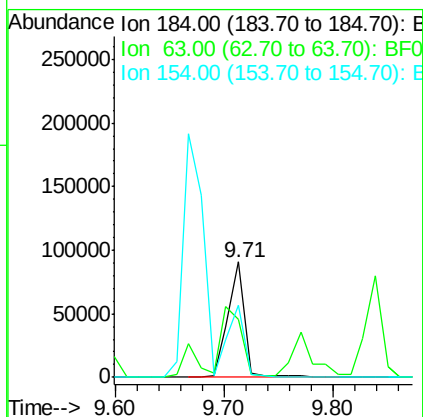
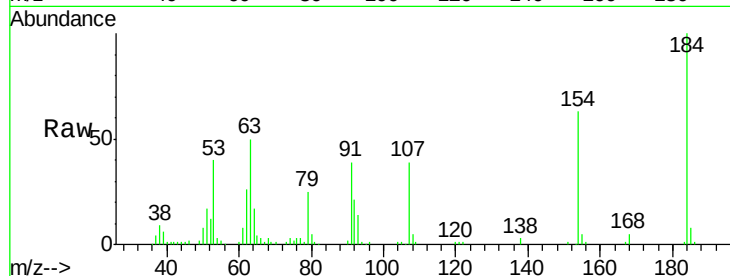




#53
 2,4-Dinitrophenol
 Concen: 92.15 ng
 RT: 9.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

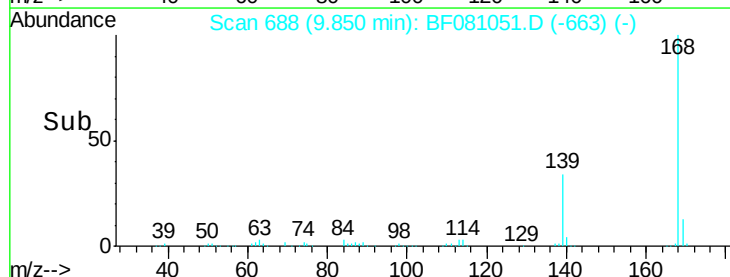
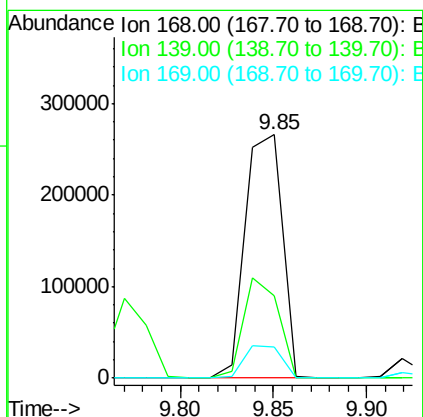
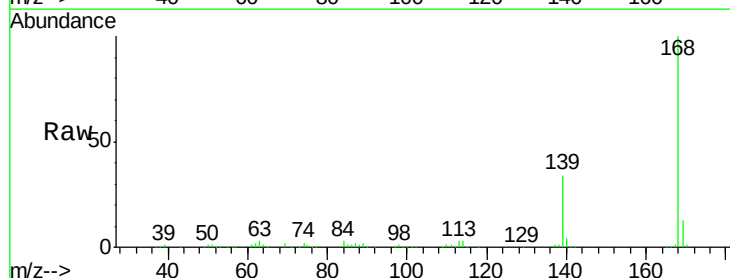
Instrument :
 BNA_F
 ClientSampleID :

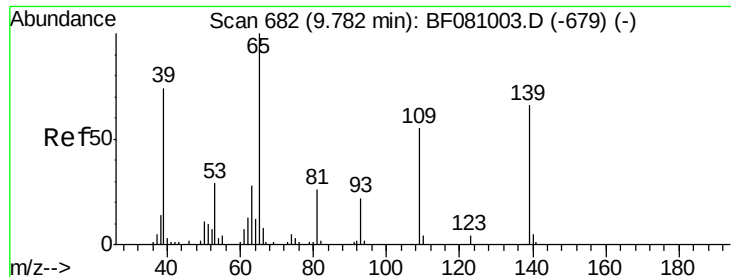
Tot Ion:184 Resp: 95773
 Ion Ratio Lower Upper
 184 100
 63 50.4 101.7 152.5#
 154 62.6 67.4 101.0#



#54
 Dibenzofuran
 Concen: 35.56 ng
 RT: 9.85 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion:168 Resp: 367009
 Ion Ratio Lower Upper
 168 100
 139 33.7 29.3 43.9
 169 12.7 10.3 15.5





#55

4-Nitrophenol

Concen: 73.45 ng

RT: 9.77 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

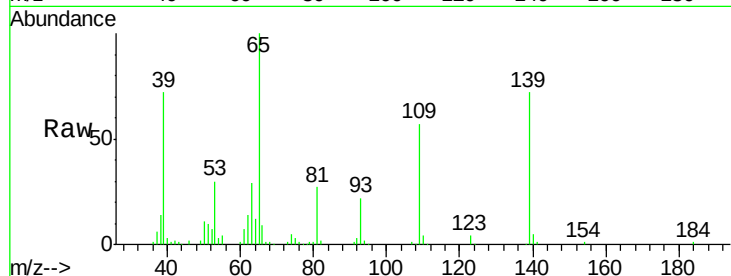
Tot Ion:139 Resp: 116009

Ion Ratio Lower Upper

139 100

109 79.8 80.0 120.0#

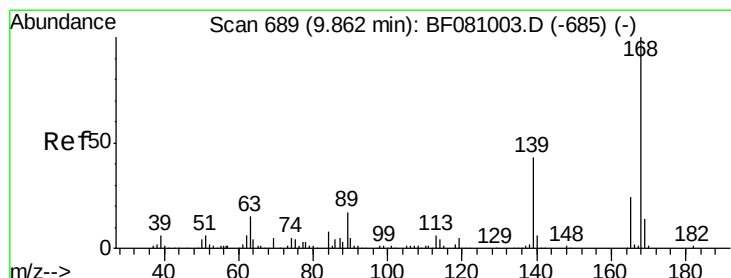
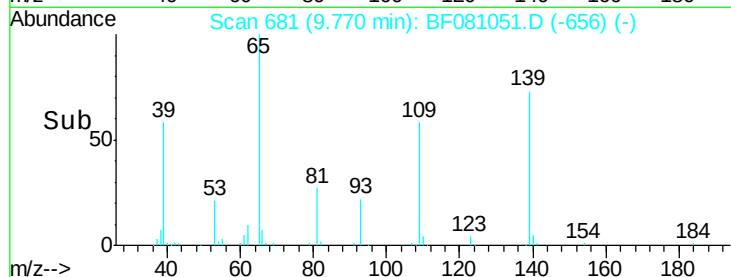
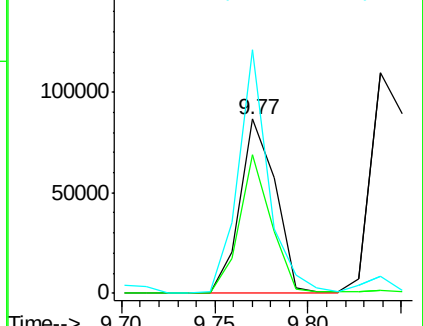
65 139.8 138.3 178.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.02 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Tgt Ion:165 Resp: 102474

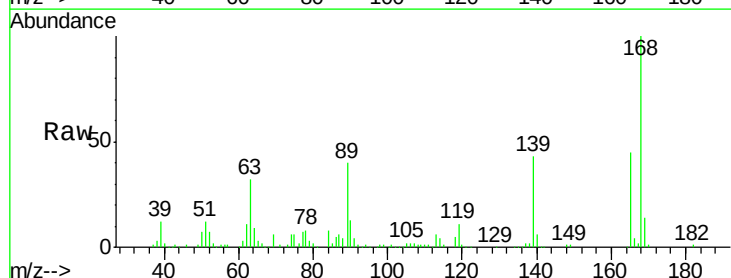
Ion Ratio Lower Upper

165 100

63 70.4 52.2 78.4

89 89.3 60.1 90.1

182 2.0 1.8 2.6

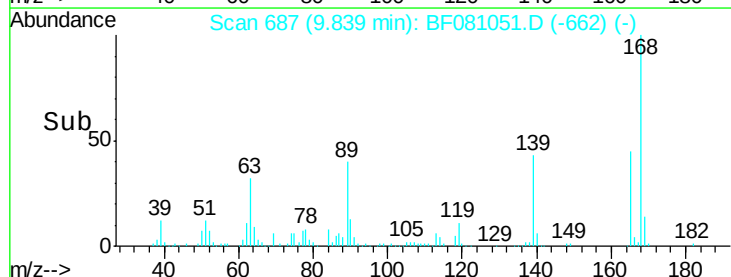
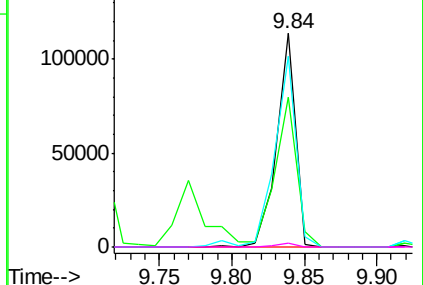


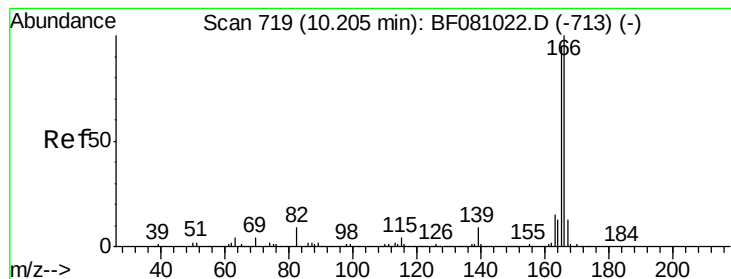
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.84 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

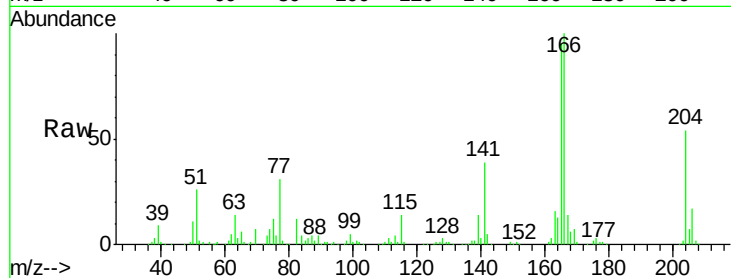
Tot Ion:166 Resp: 276639

Ion Ratio Lower Upper

166 100

165 94.9 75.8 113.8

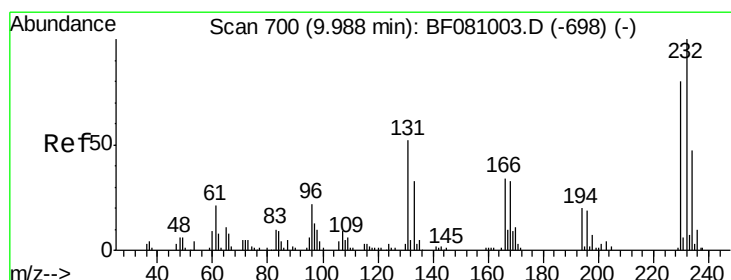
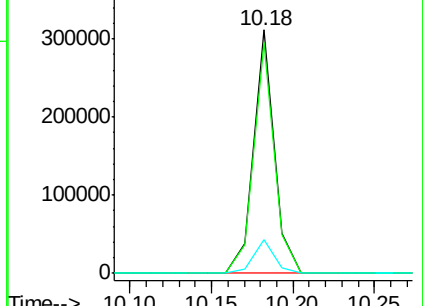
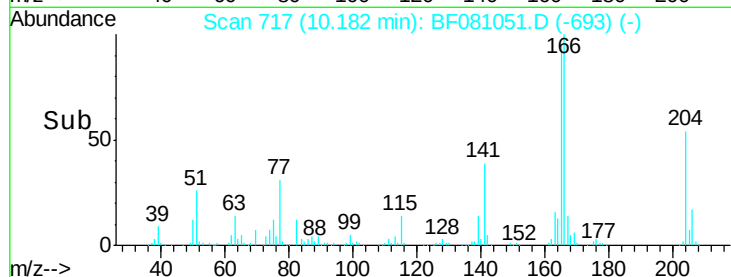
167 13.8 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.92 ng

RT: 9.92 min Scan# 694

Delta R.T. -0.07 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Tgt Ion:232 Resp: 67942

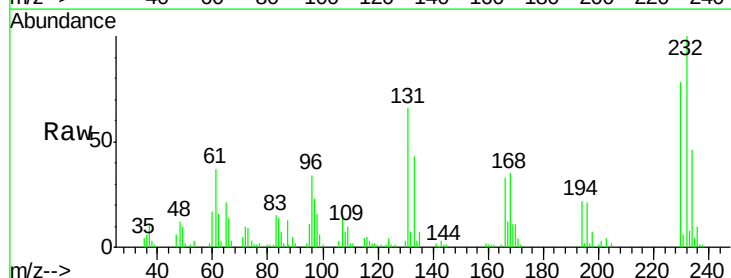
Ion Ratio Lower Upper

232 100

131 51.9 42.2 63.4

130 2.5 2.1 3.1

166 27.9 22.4 33.6

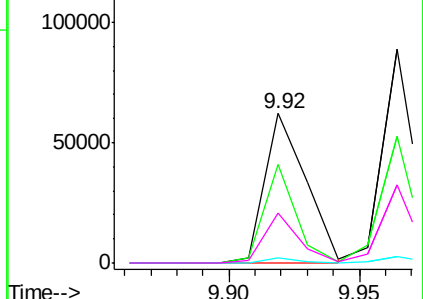
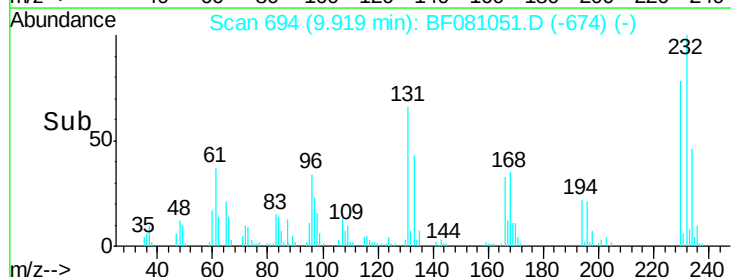


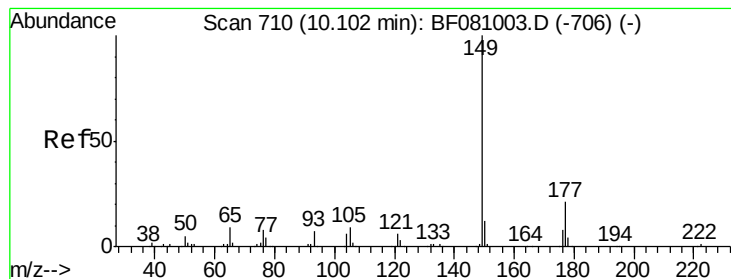
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.75 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampled :

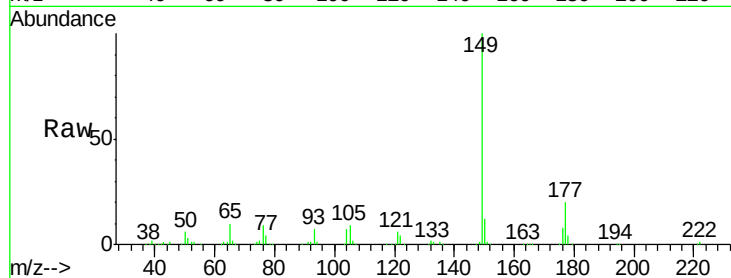
Tot Ion:149 Resp: 369852

Ion Ratio Lower Upper

149 100

177 20.4 14.1 21.1

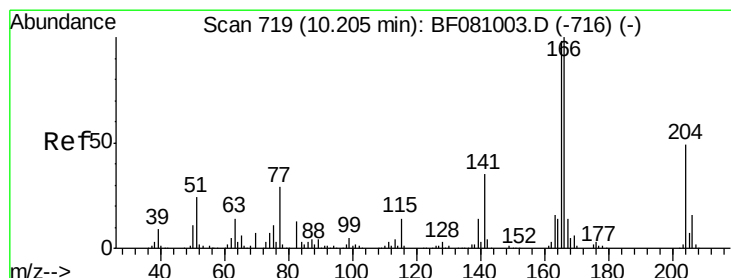
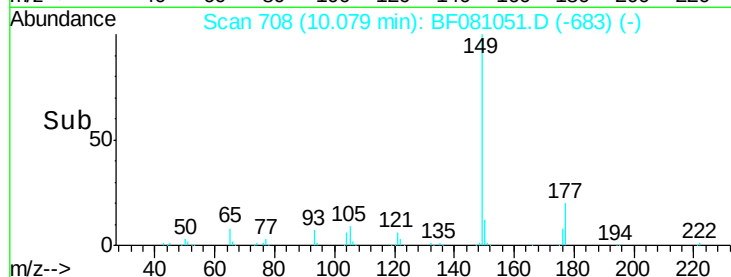
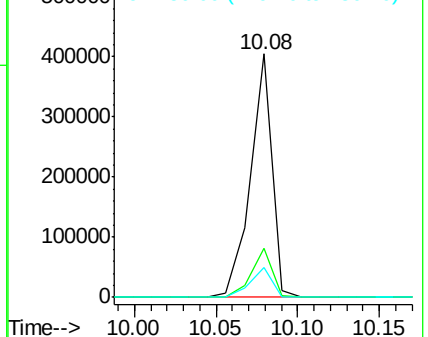
150 12.3 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.15 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

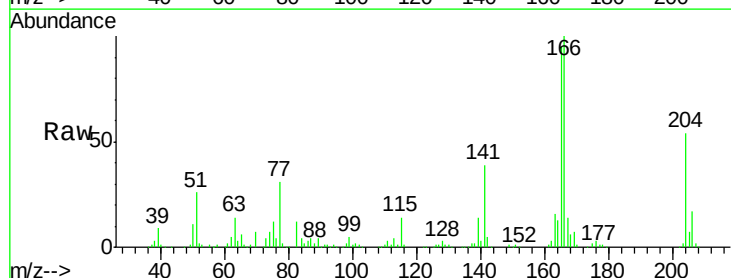
Tgt Ion:204 Resp: 134897

Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

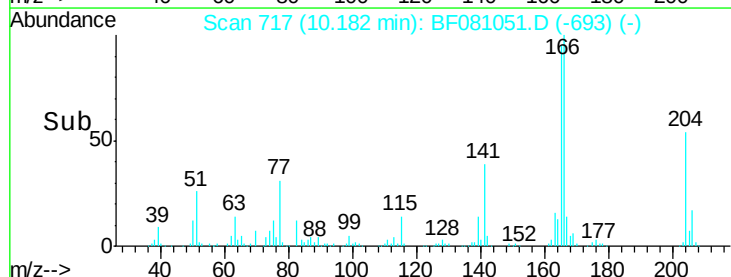
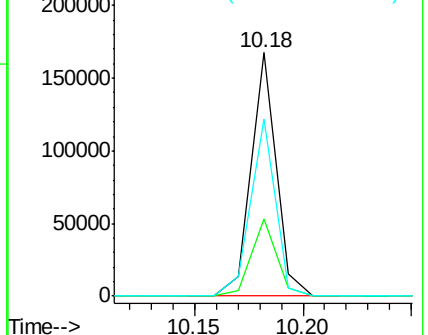
141 72.7 59.6 89.4

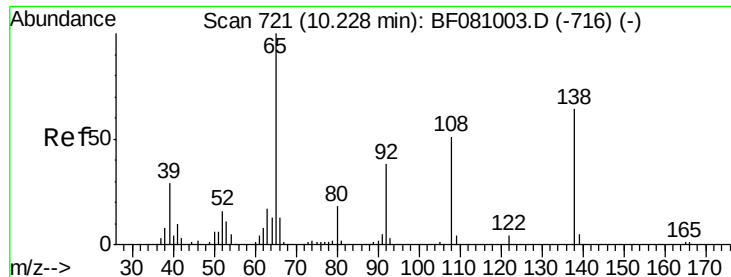


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

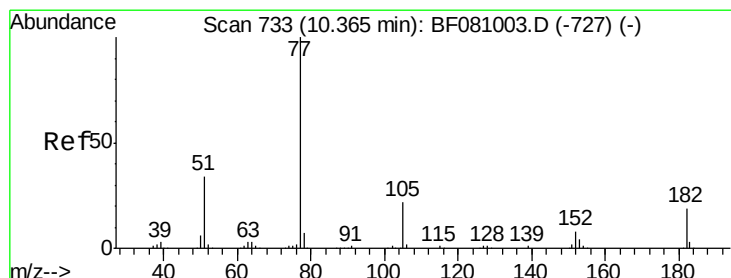
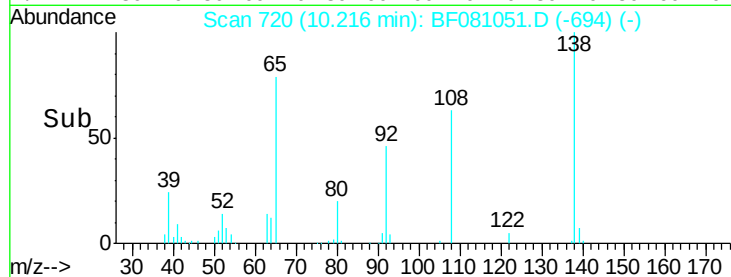
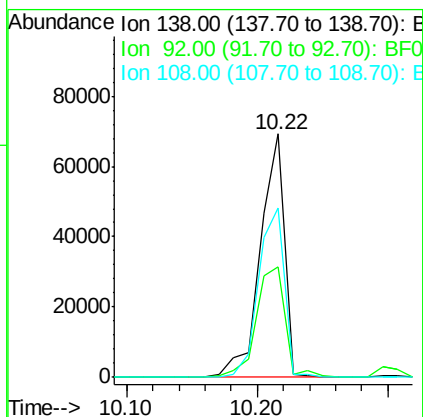
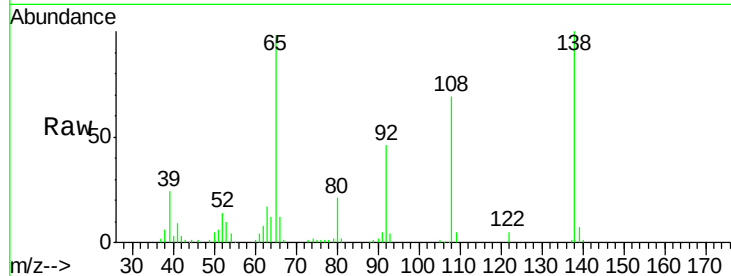




#61
4-Nitroaniline
Concen: 38.97 ng
RT: 10.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

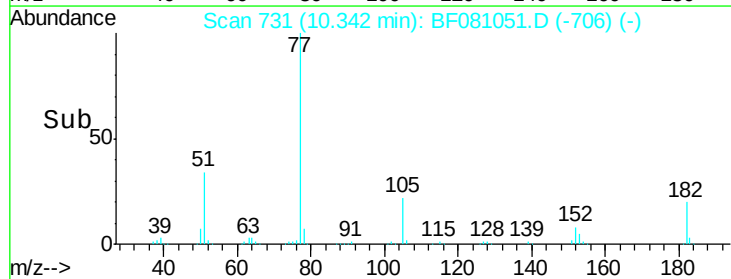
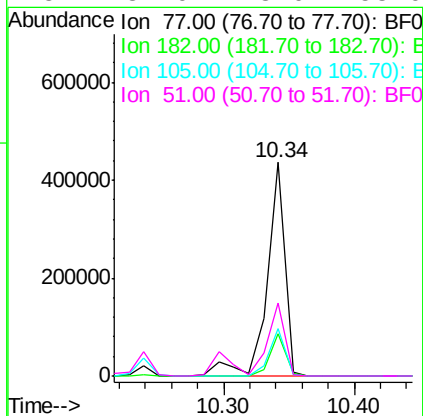
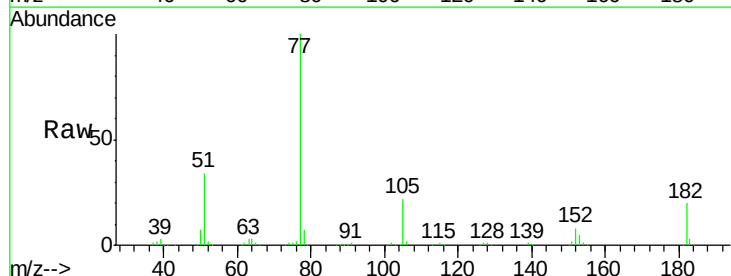
Instrument :
BNA_F
ClientSampleId :

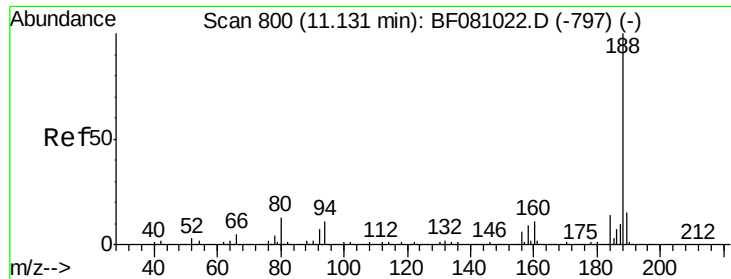
Tot Ion:138 Resp: 89570
Ion Ratio Lower Upper
138 100
92 45.5 34.7 74.7
108 69.3 68.9 108.9



#62
Azobenzene
Concen: 41.50 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion: 77 Resp: 423655
Ion Ratio Lower Upper
77 100
182 19.8 0.0 39.0
105 22.1 0.2 40.2
51 34.0 18.0 58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampled :

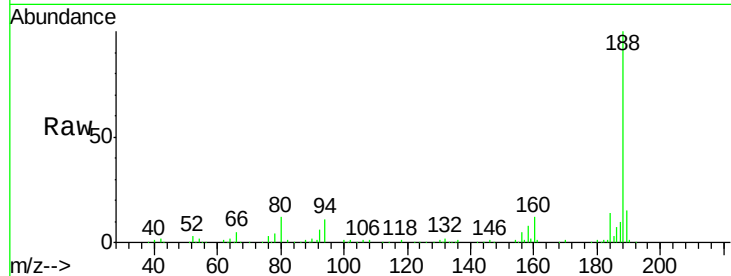
Tot Ion:188 Resp: 216713

Ion Ratio Lower Upper

188 100

94 10.9 8.2 12.2

80 12.4 9.5 14.3

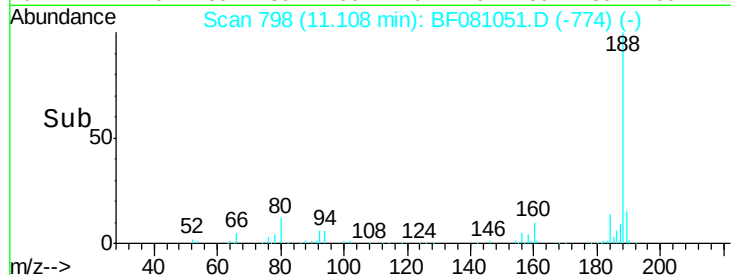


Abundance Ion 188.00 (187.70 to 188.70): E

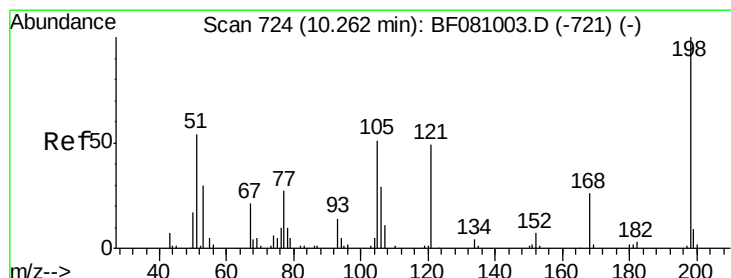
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.38 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

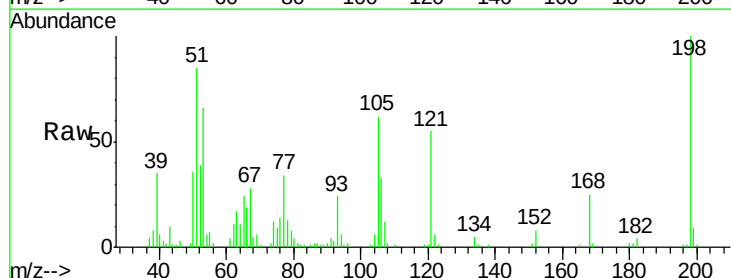
Tgt Ion:198 Resp: 50963

Ion Ratio Lower Upper

198 100

51 84.9 79.7 119.7

105 62.3 47.0 87.0

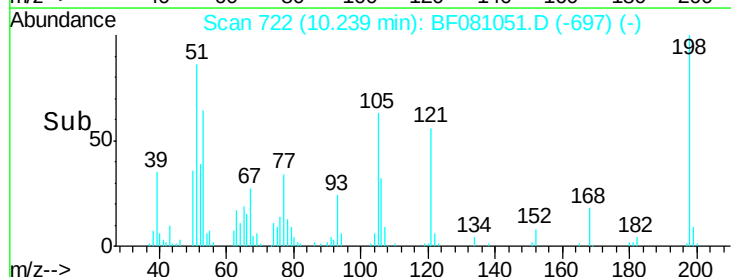


Abundance Ion 198.00 (197.70 to 198.70): E

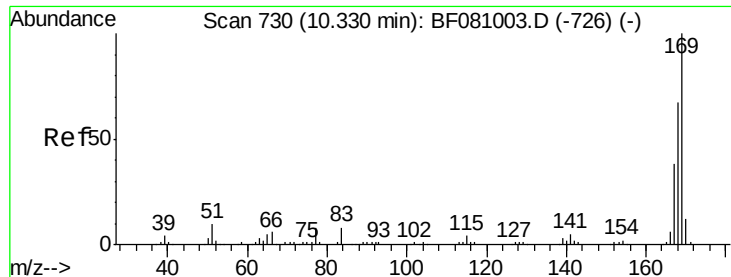
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



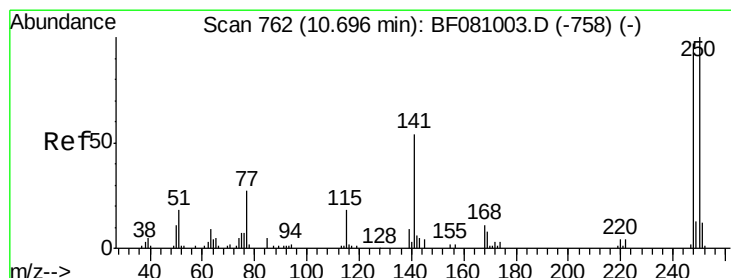
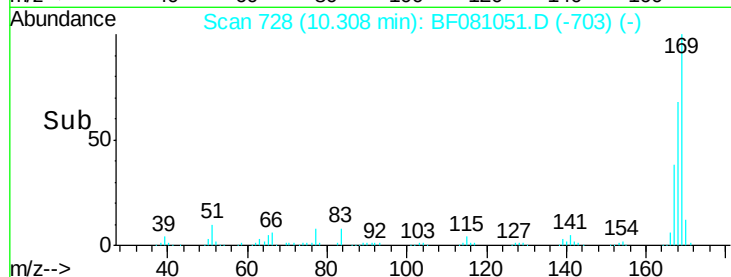
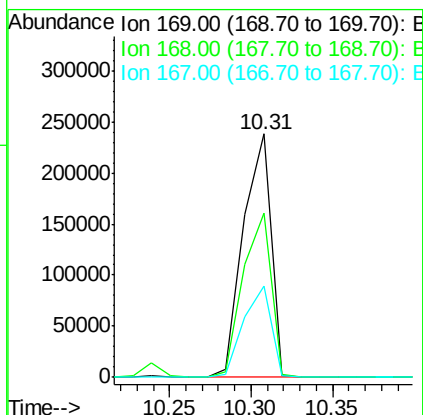
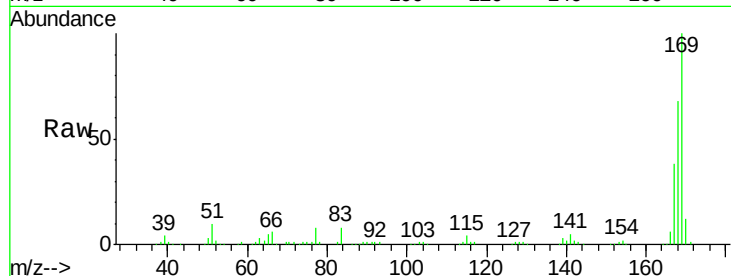
Time-->



#65
 n-Nitrosodiphenylamine
 Concen: 36.10 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

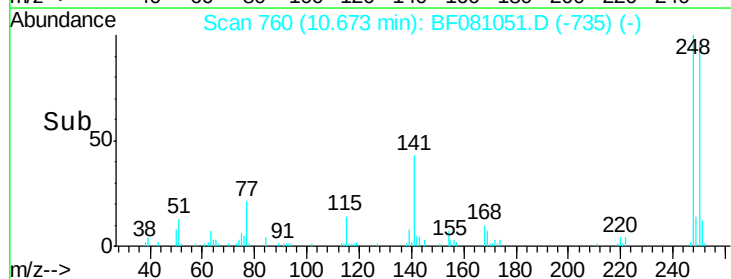
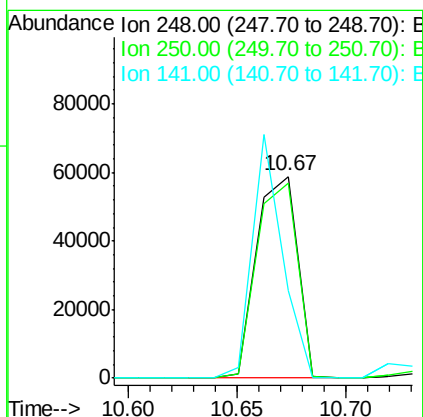
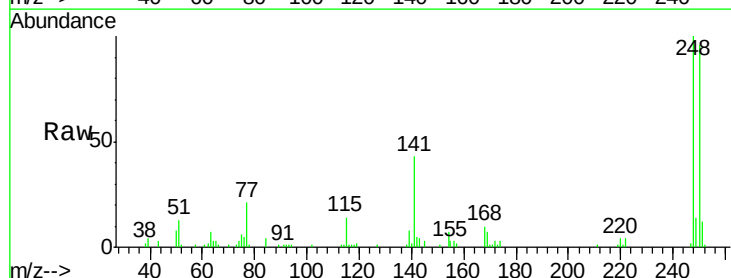
Instrument :
 BNA_F
 ClientSampled :

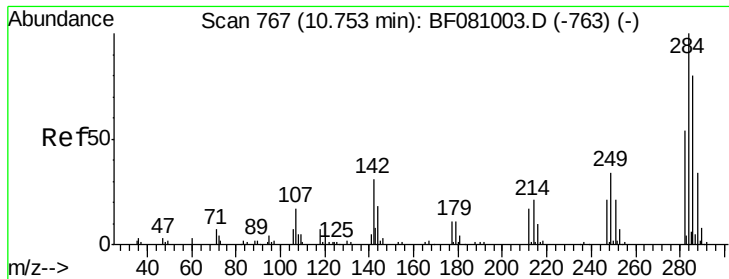
Tot Ion:169 Resp: 279231
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.3 82.9
 167 37.8 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 36.43 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion:248 Resp: 77566
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.8 116.6
 141 43.3 39.8 59.6

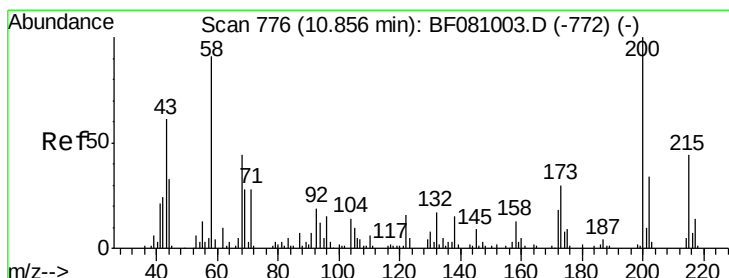
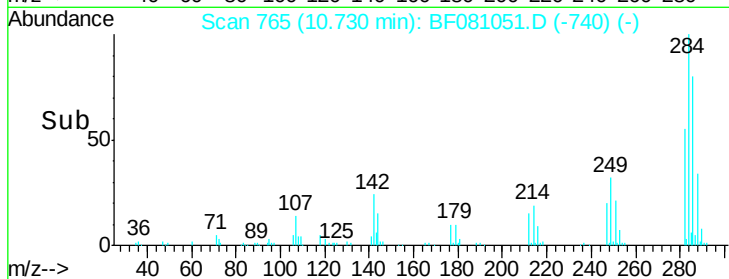
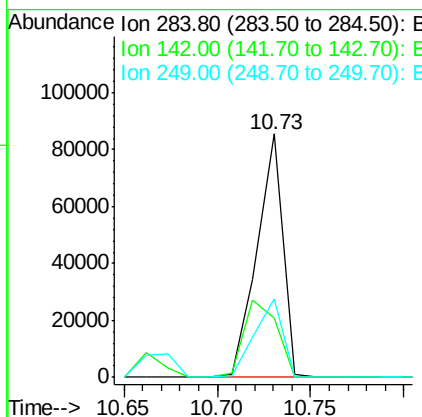
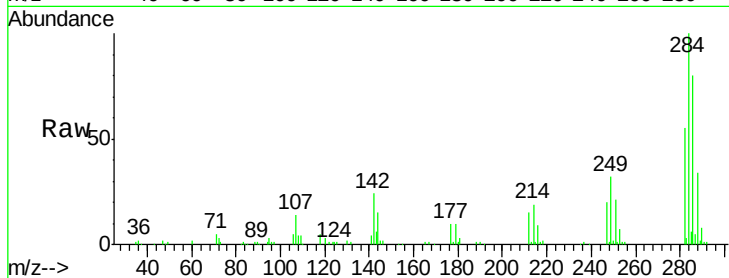




#67
Hexachlorobenzene
Concen: 38.62 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

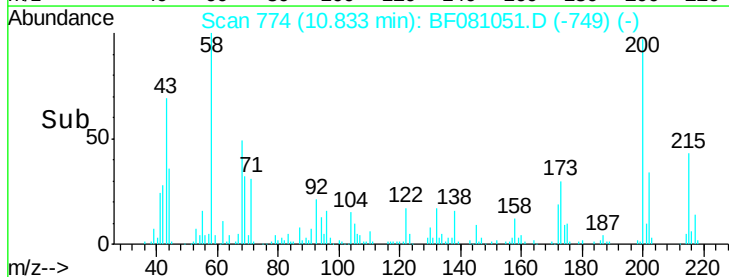
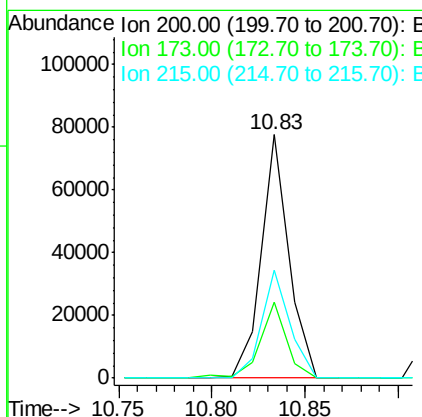
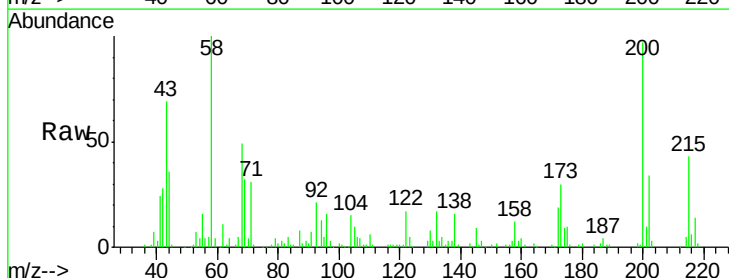
Instrument :
BNA_F
ClientSampleId :

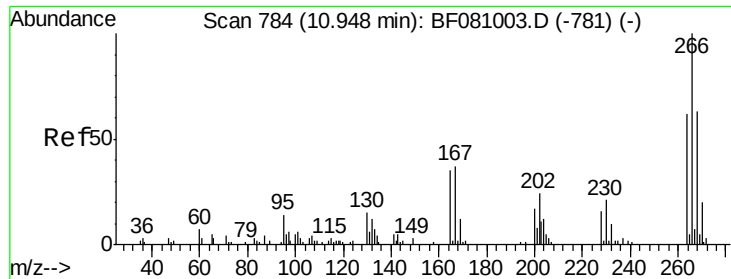
Tot Ion:284 Resp: 83272
Ion Ratio Lower Upper
284 100
142 24.1 25.4 38.0#
249 32.3 28.5 42.7



#68
Atrazine
Concen: 37.28 ng
RT: 10.83 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion:200 Resp: 80354
Ion Ratio Lower Upper
200 100
173 31.1 8.1 48.1
215 44.2 23.3 63.3

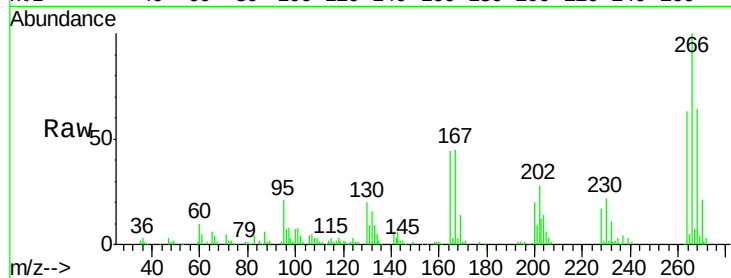




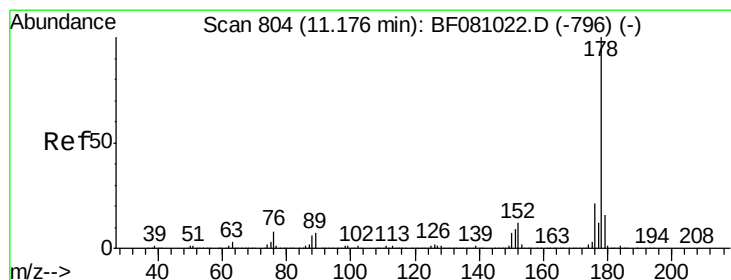
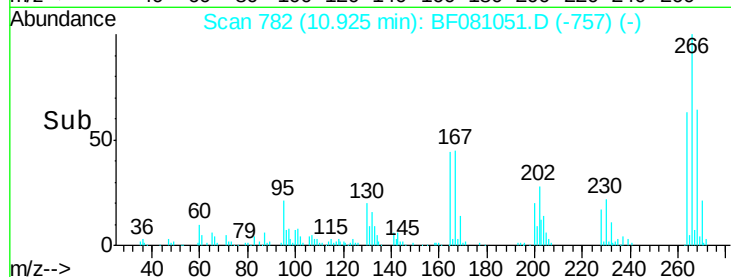
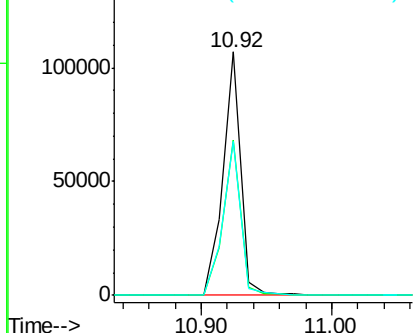
#69
 Pentachlorophenol
 Concen: 79.25 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.2	76.8
264	63.4	50.6	75.8

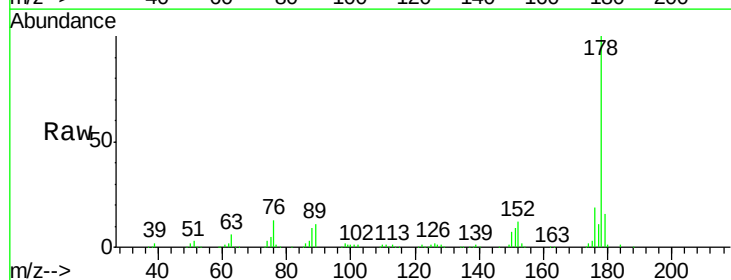


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

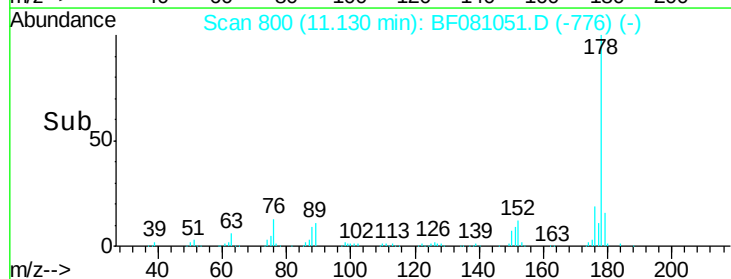
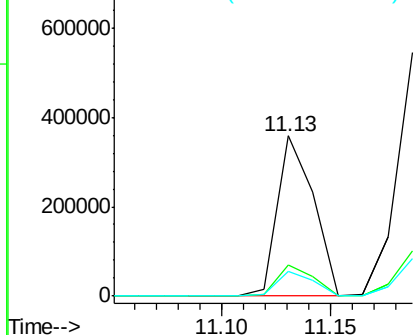


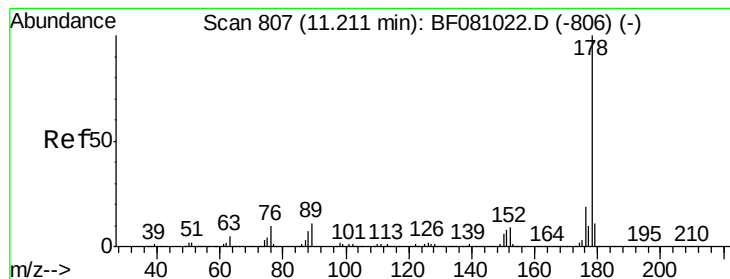
#70
 Phenanthrene
 Concen: 32.42 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
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: 38.45 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

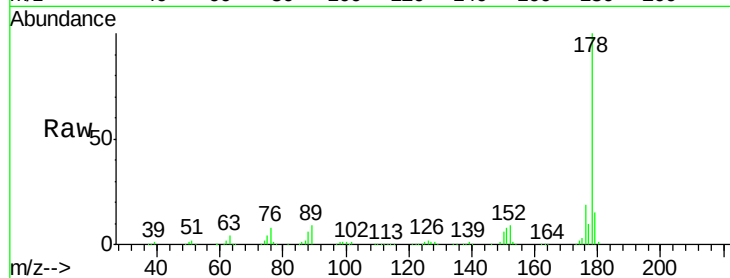
Tot Ion:178 Resp: 480602

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

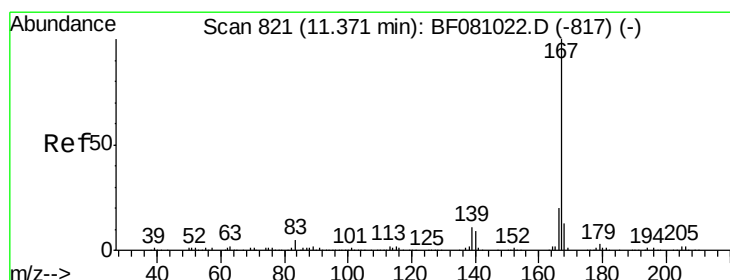
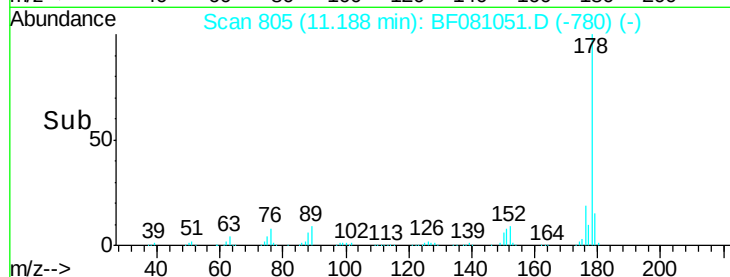
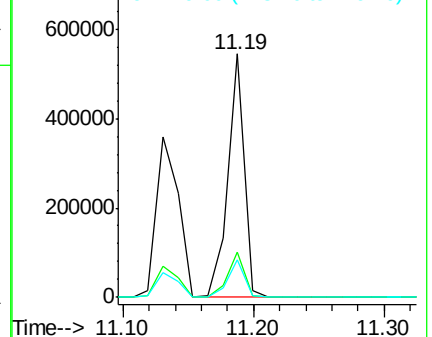
179 15.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.75 ng

RT: 11.35 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

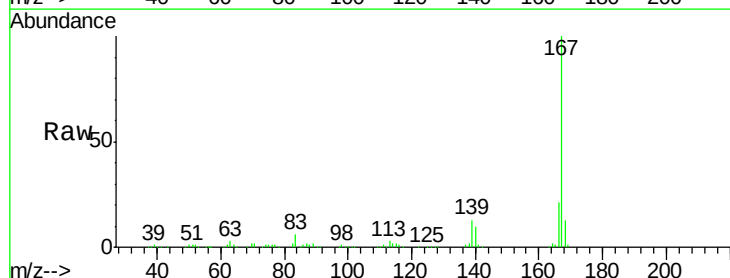
Tgt Ion:167 Resp: 490374

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

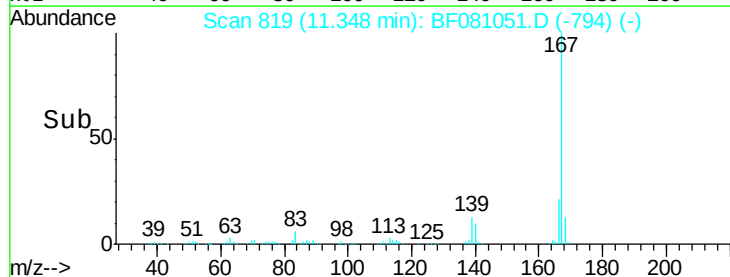
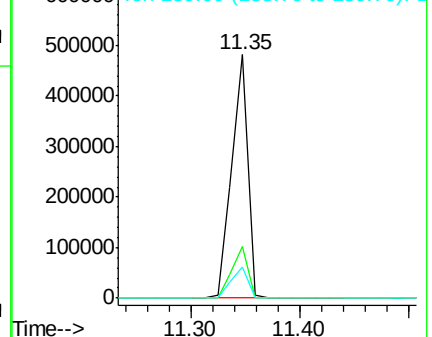
139 13.0 10.6 16.0

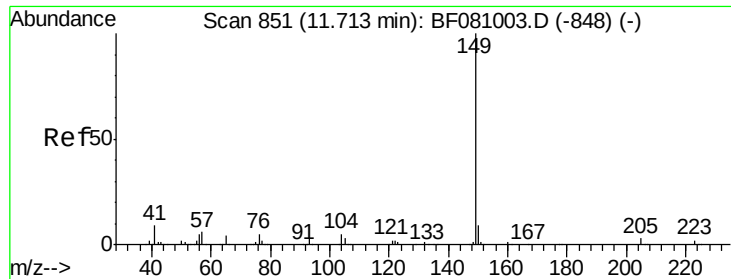


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.04 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

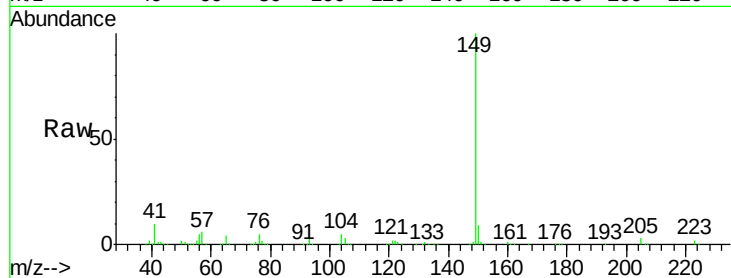
Tot Ion:149 Resp: 612063

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

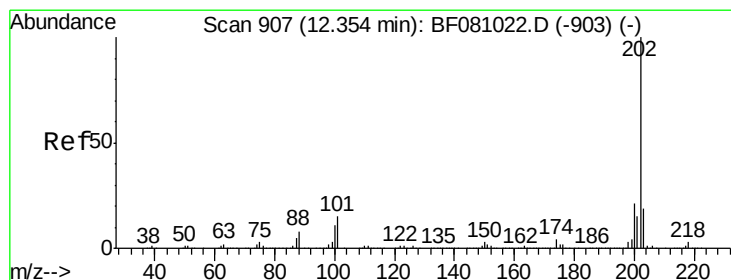
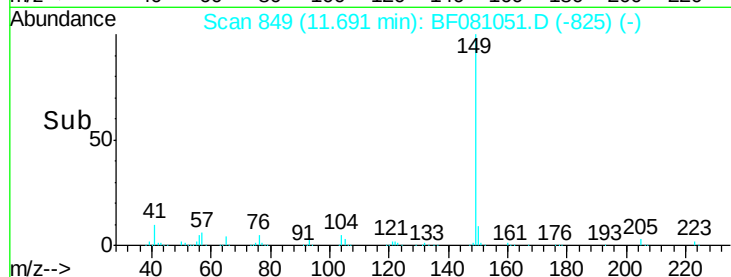
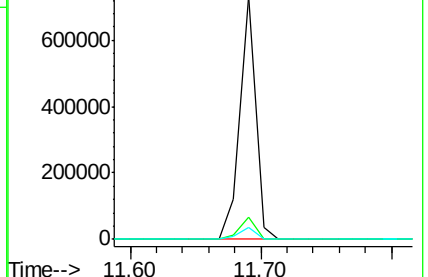
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.54 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

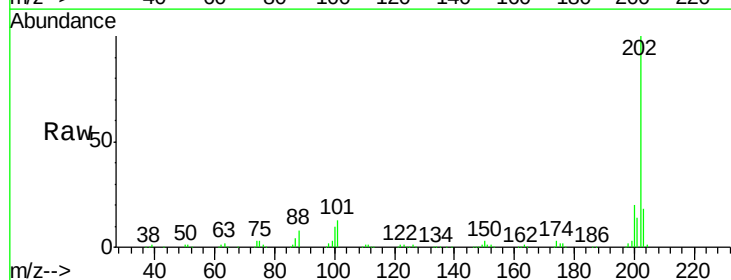
Tgt Ion:202 Resp: 478654

Ion Ratio Lower Upper

202 100

101 13.3 0.0 24.8

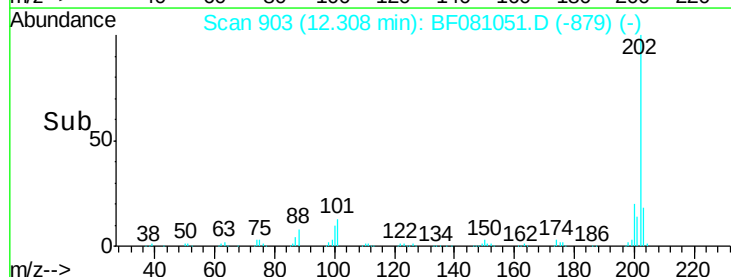
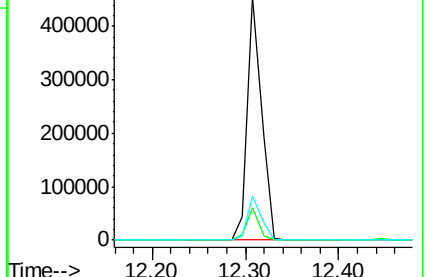
203 18.0 0.0 36.9

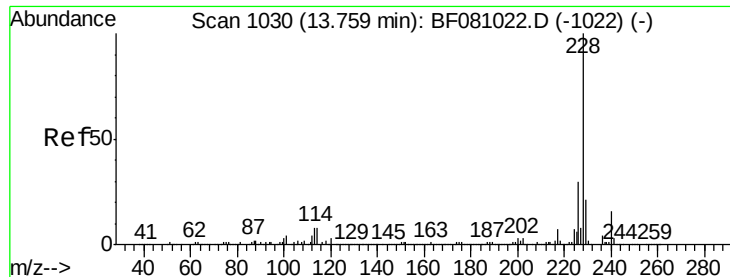


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

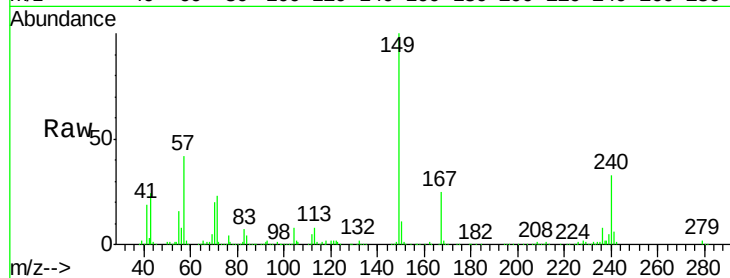
Tot Ion:240 Resp: 184290

Ion Ratio Lower Upper

240 100

120 5.6 5.6 8.4

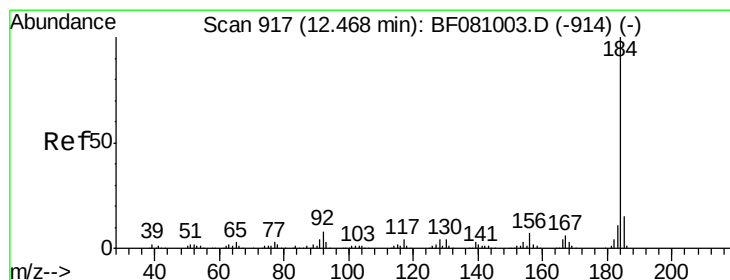
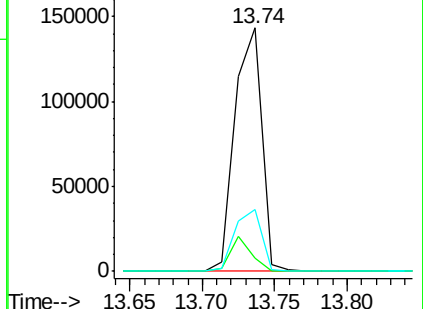
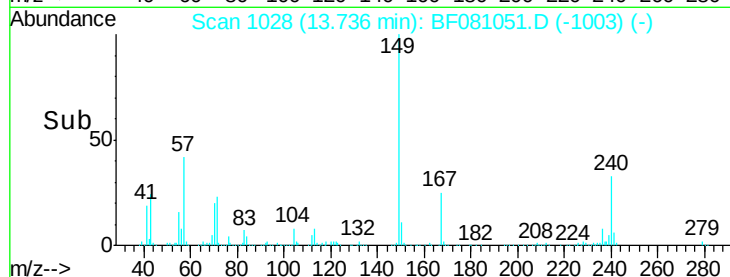
236 25.3 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.90 ng

RT: 12.44 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

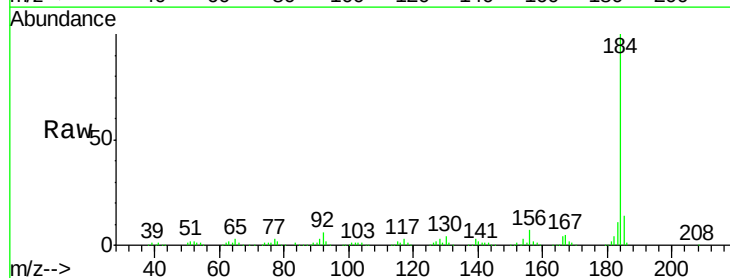
Tgt Ion:184 Resp: 298688

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

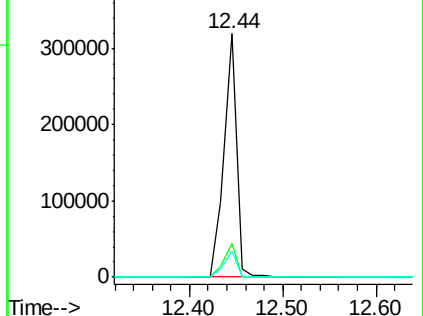
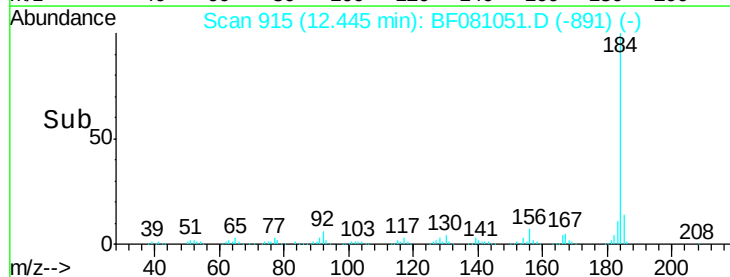
183 10.7 8.9 13.3

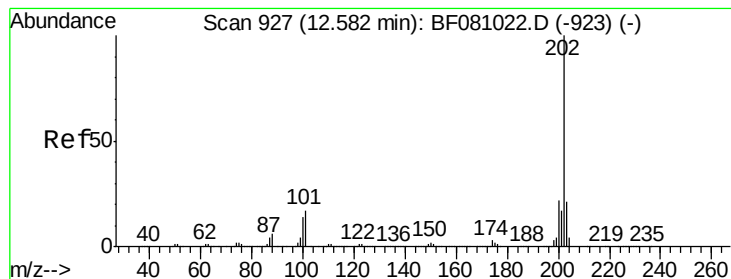


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.92 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

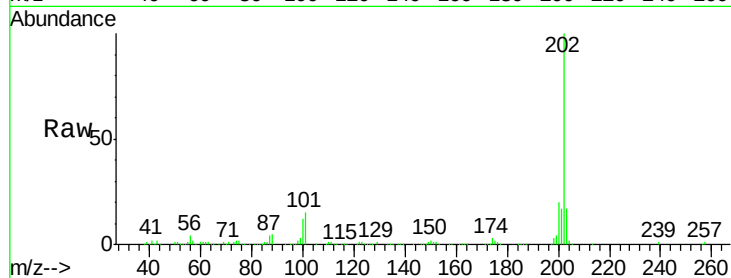
Tot Ion:202 Resp: 508150

Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

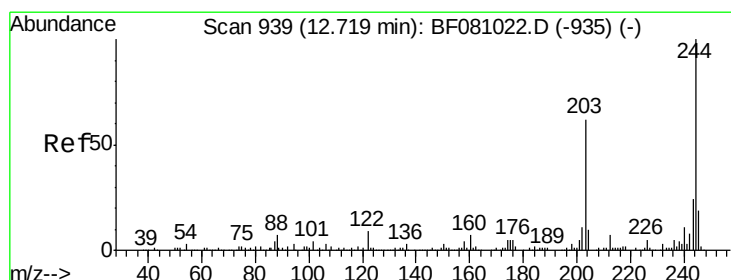
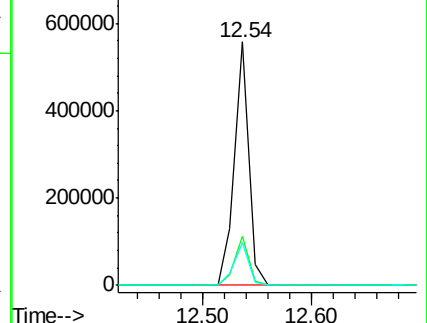
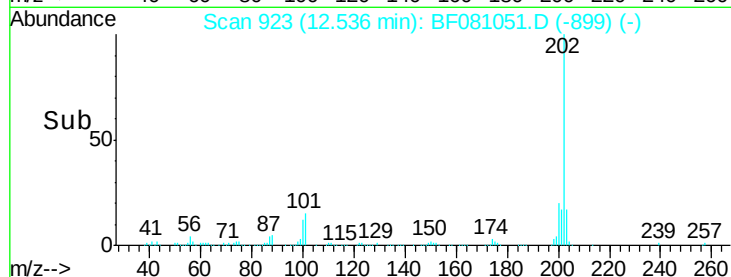
203 17.4 14.1 21.1



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: 74.36 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

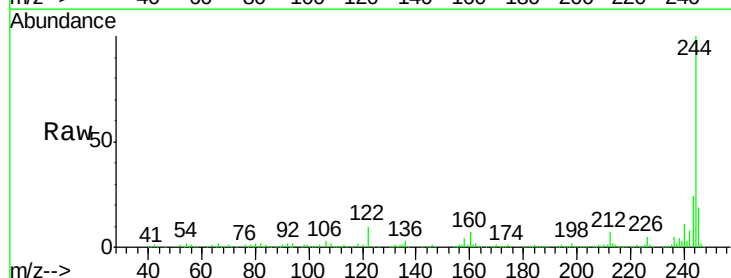
Tgt Ion:244 Resp: 639198

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

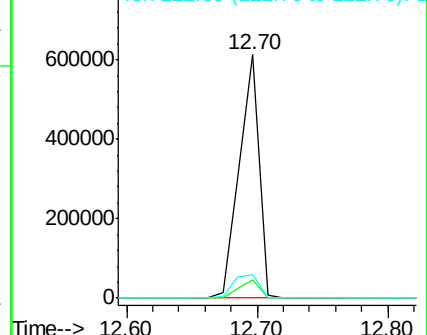
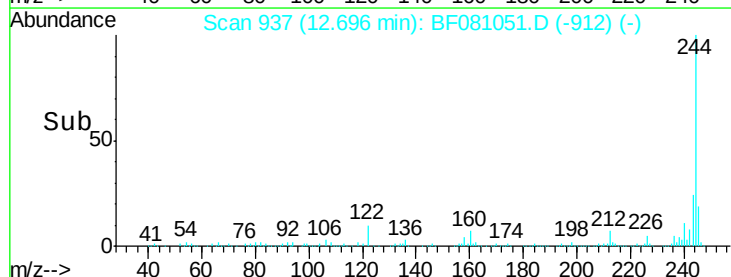
122 9.8 8.2 12.4

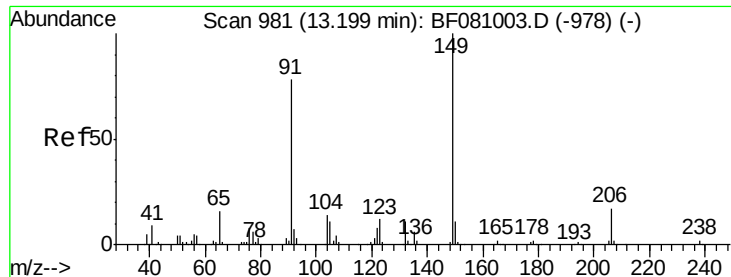


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

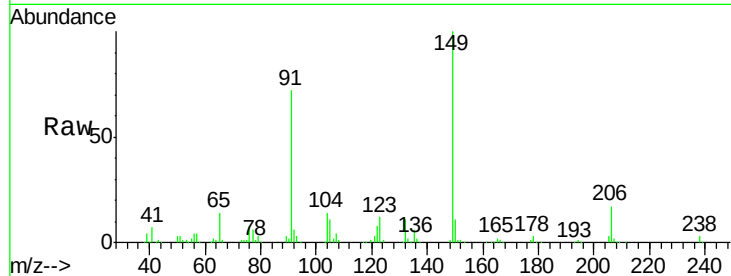




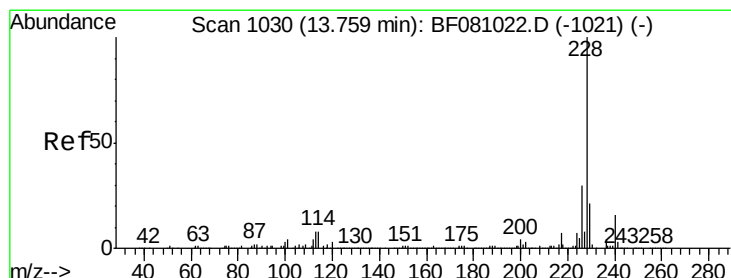
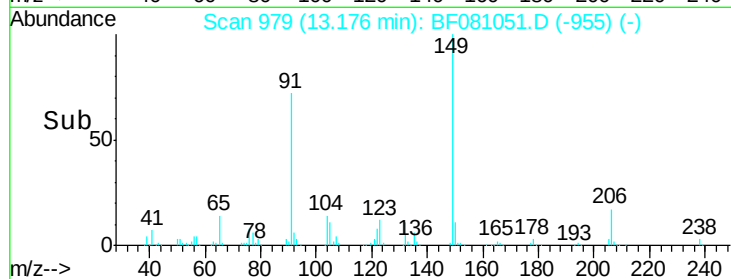
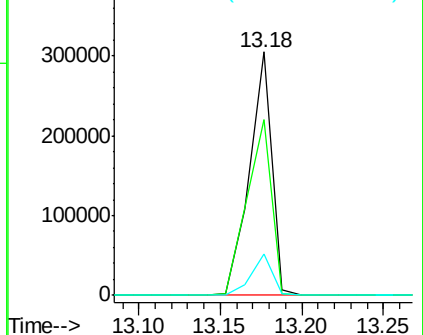
#79
Butylbenzylphthalate
Concen: 45.04 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 290067
Ion Ratio Lower Upper
149 100
91 72.0 46.9 70.3#
206 17.2 17.0 25.4

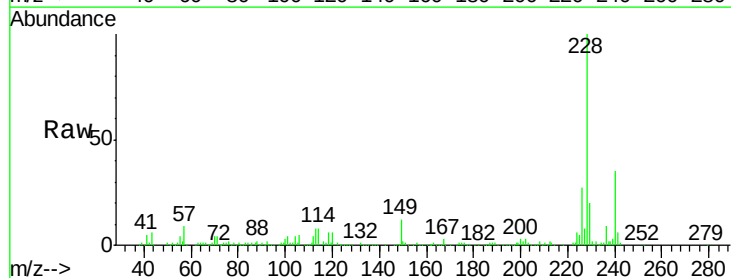


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

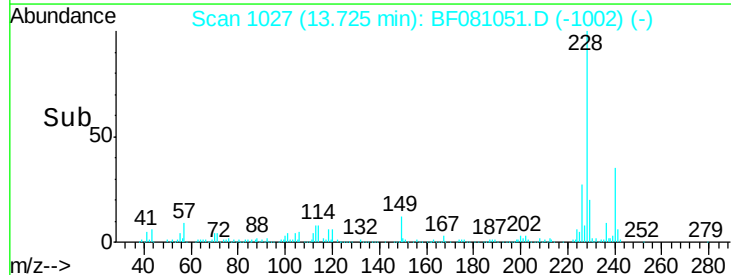
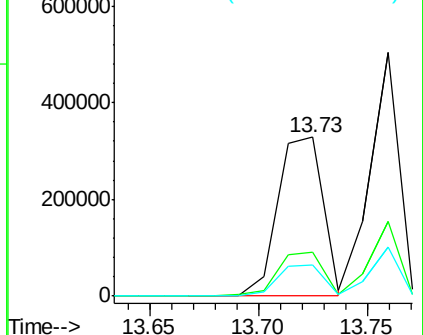


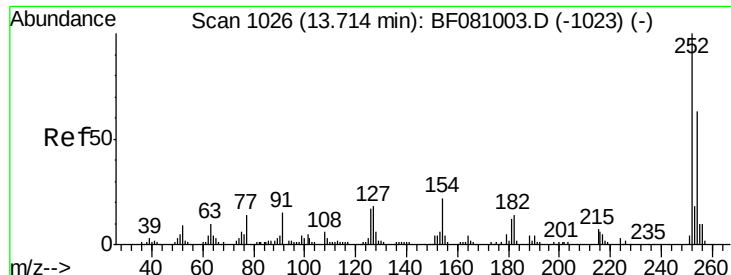
#80
Benzo(a)anthracene
Concen: 38.76 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion:228 Resp: 479007
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

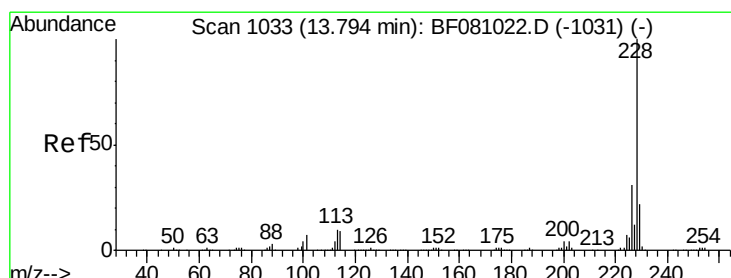
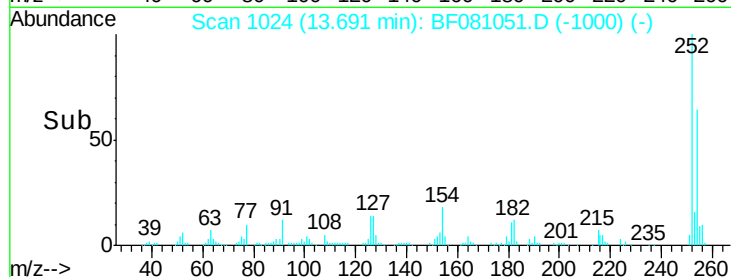
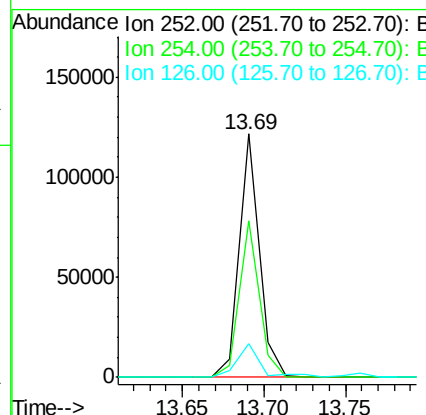
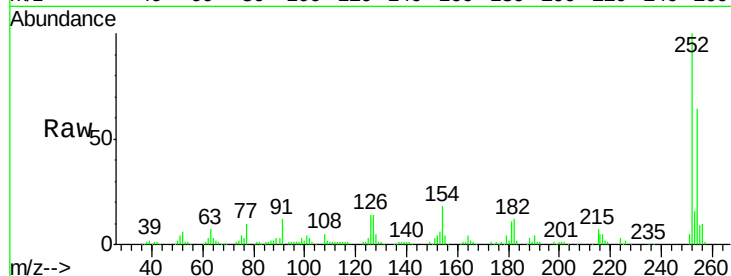




#81
 3,3'-Dichlorobenzidine
 Concen: 25.65 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

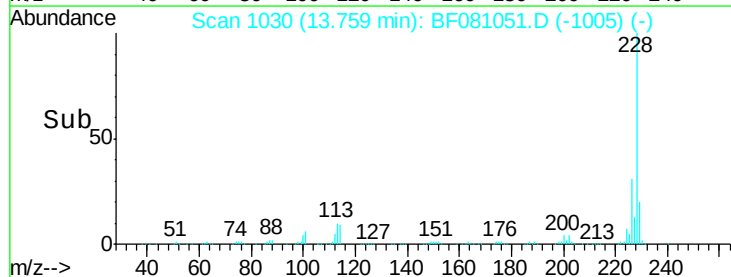
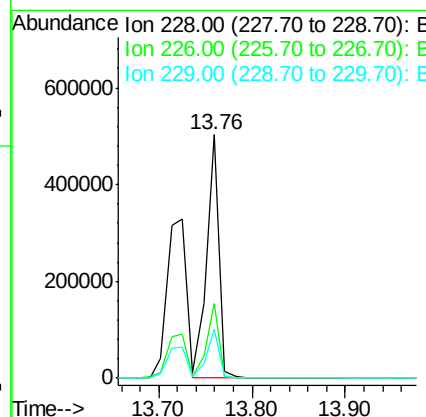
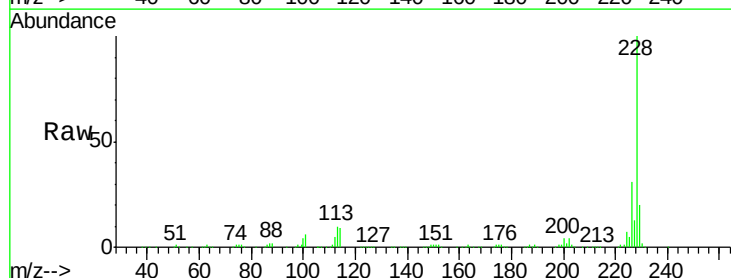
Instrument :
 BNA_F
 ClientSampleId :

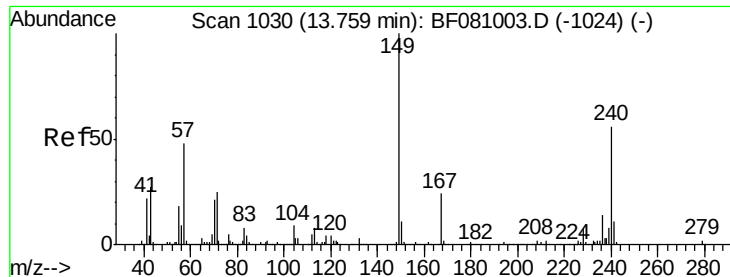
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	14.0	12.5	18.7



#82
 Chrysene
 Concen: 41.77 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.2	16.0	24.0

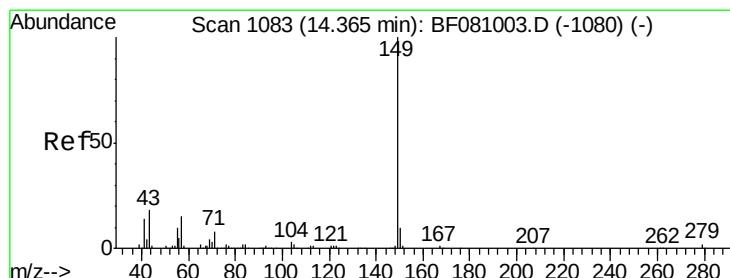
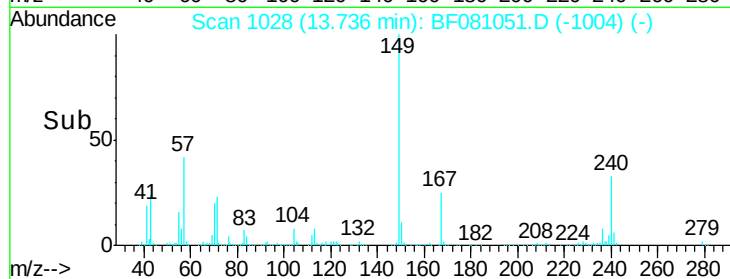
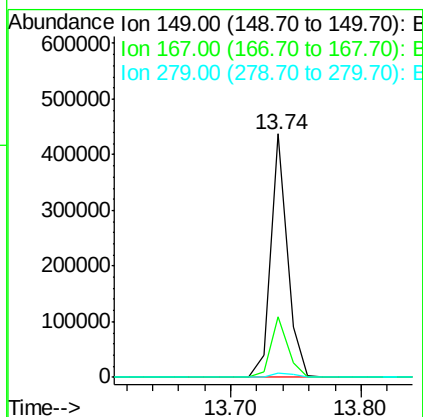
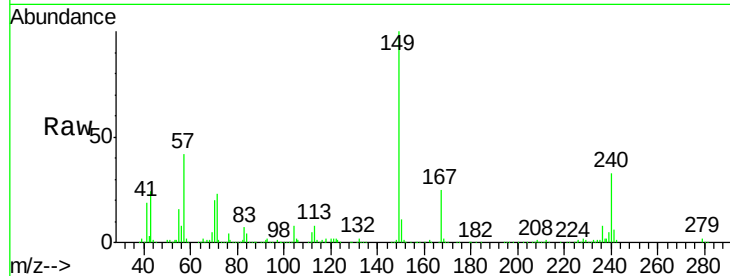




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.63 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

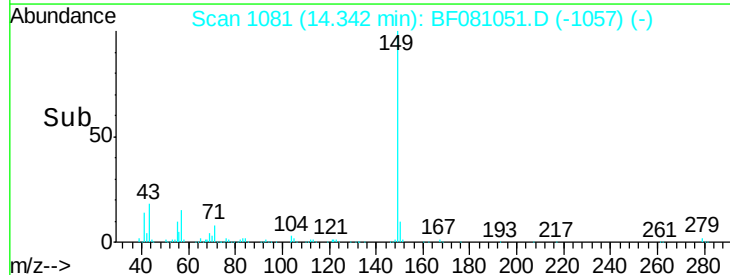
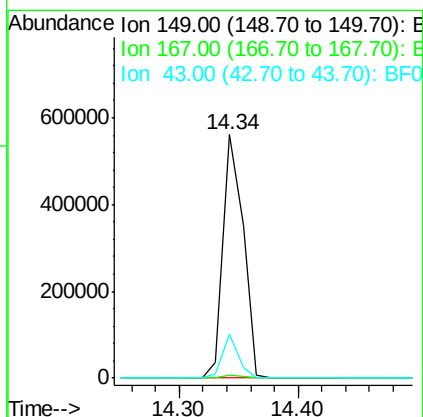
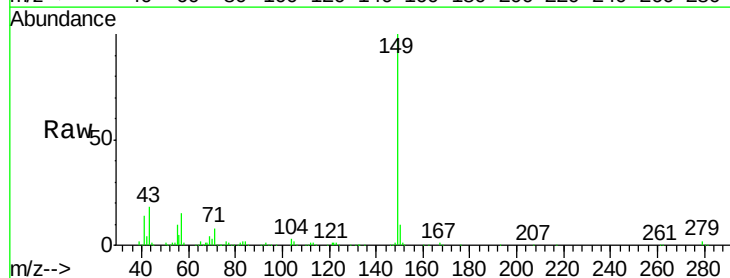
Instrument :
 BNA_F
 ClientSampled :

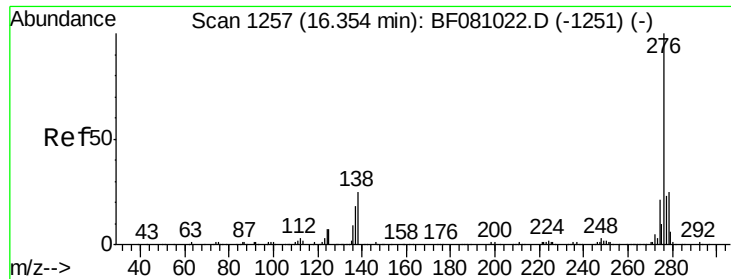
Tot Ion:149 Resp: 392880
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.7 31.1
 279 1.8 2.2 3.4#



#84
 Di-n-octyl phthalate
 Concen: 52.41 ng
 RT: 14.34 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Tgt Ion:149 Resp: 657089
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.3 11.6 17.4

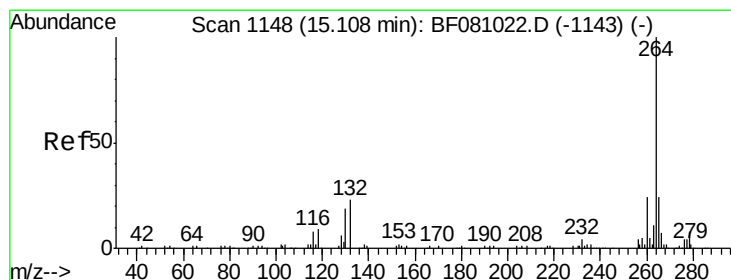
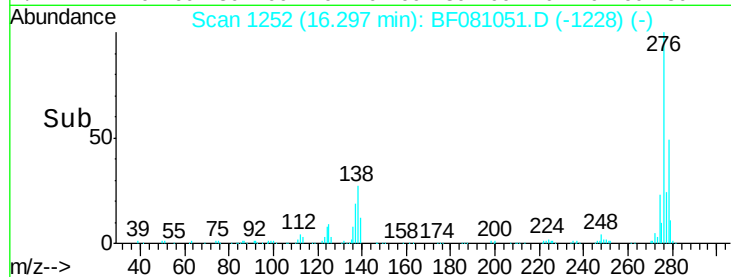
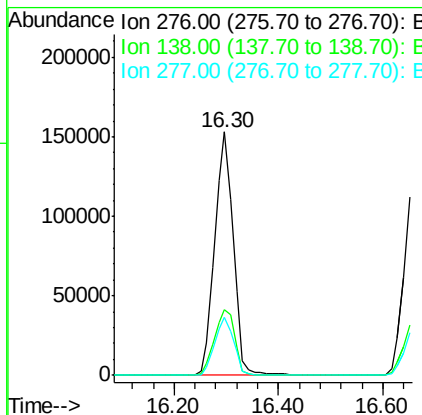
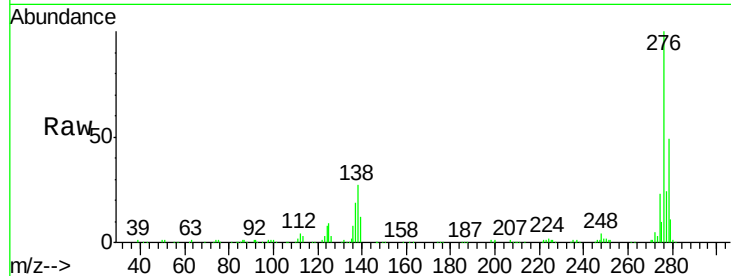




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.46 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

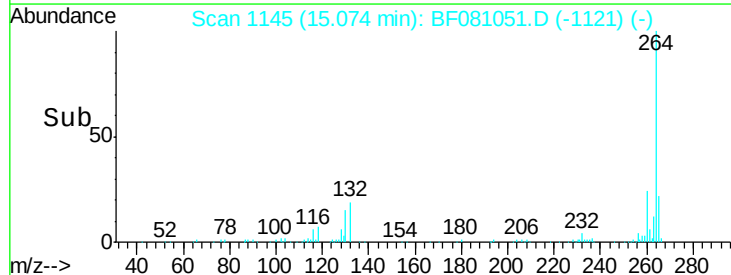
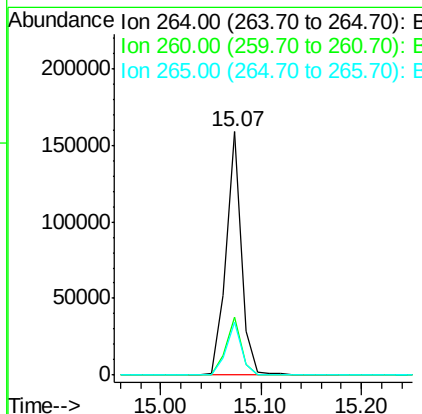
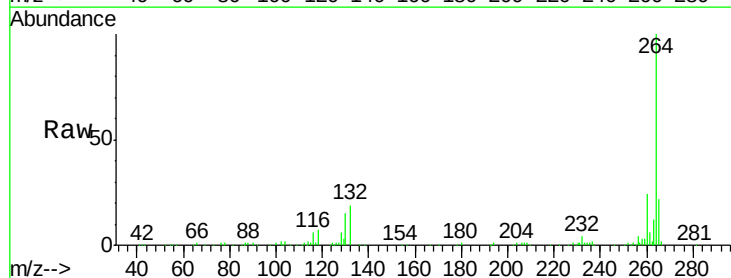
Instrument :
BNA_F
ClientSampleId :

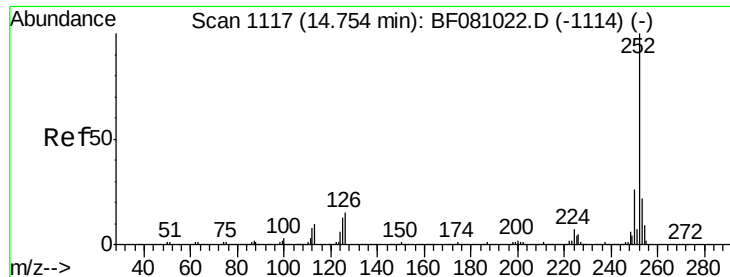
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	18.6	28.0#
277	24.5	19.8	29.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 69.43 ng

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

Instrument :

BNA_F

ClientSampleId :

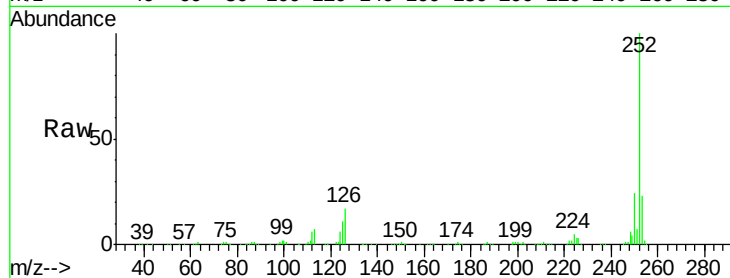
Tot Ion:252 Resp: 828008

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

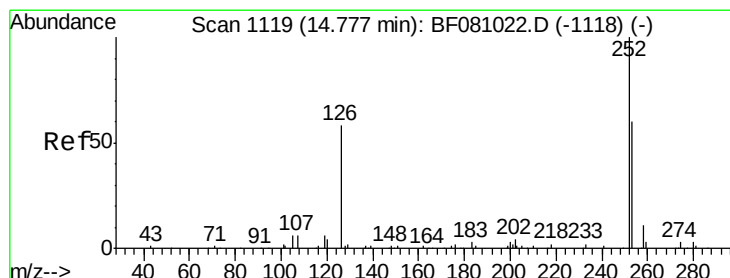
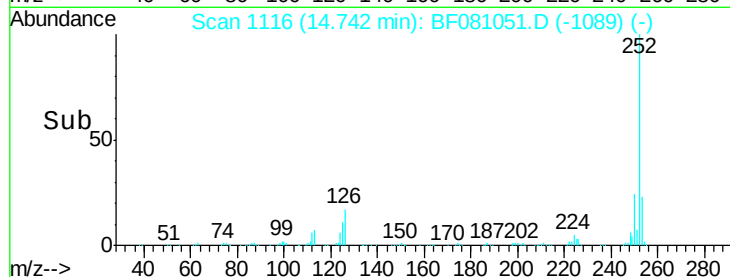
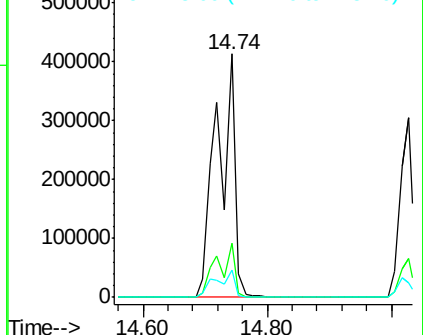
125 11.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 74.51 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081051.D

Acq: 18 Aug 2015 19:47

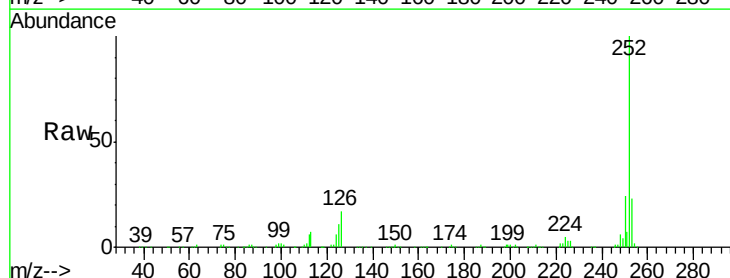
Tgt Ion:252 Resp: 828008

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

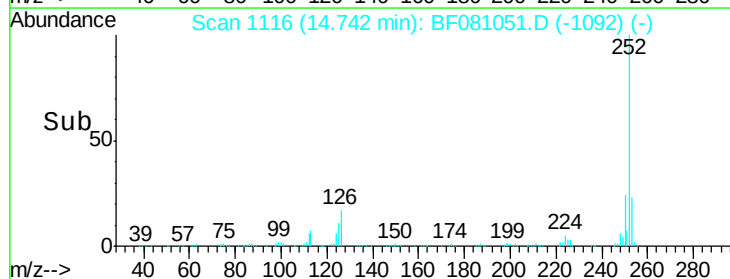
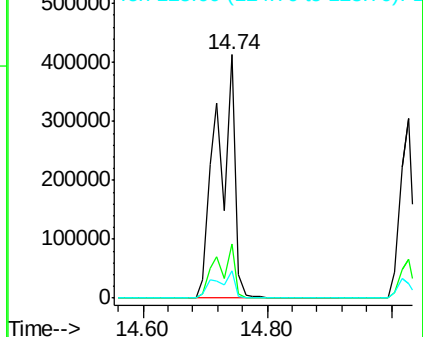
125 11.5 10.3 15.5

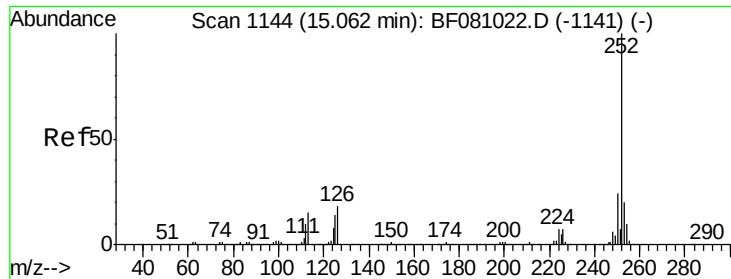


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

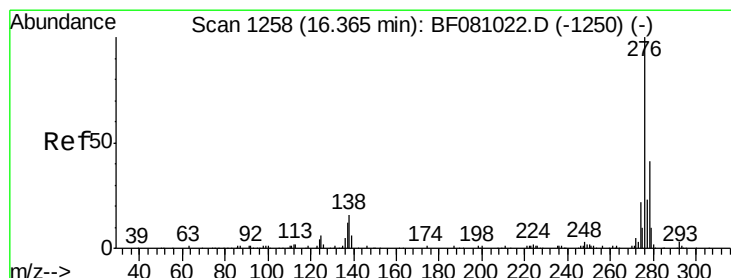
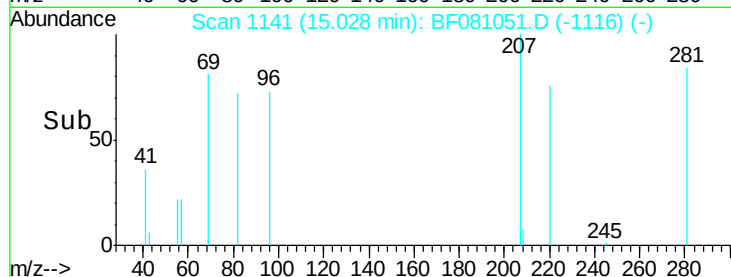
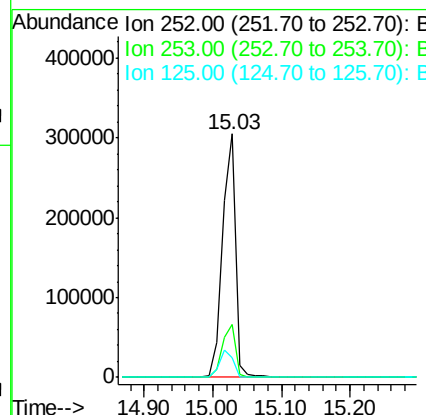
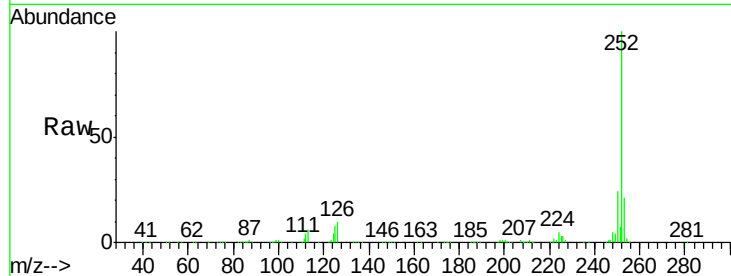




#89
Benzo(a)pyrene
Concen: 39.69 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

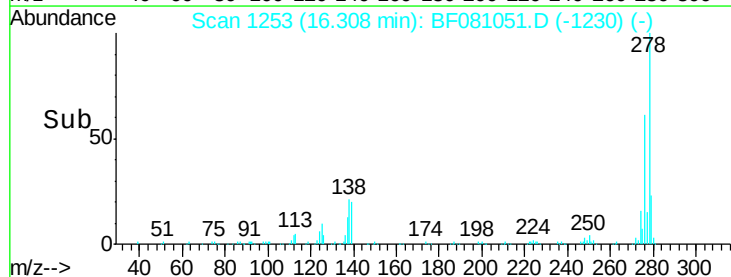
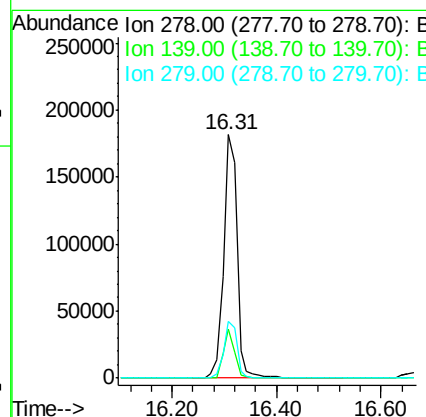
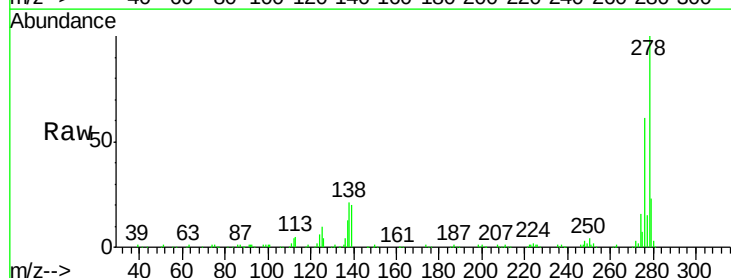
Instrument :
BNA_F
ClientSampleId :

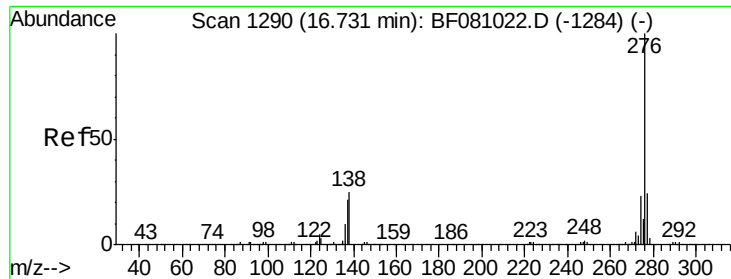
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.6	25.0
125	8.2	7.8	11.8



#90
Dibenzo(a,h)anthracene
Concen: 40.11 ng
RT: 16.31 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF081051.D
Acq: 18 Aug 2015 19:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	10.8	16.2#
279	23.1	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.91 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081051.D
 Acq: 18 Aug 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.2	27.2
138	24.1	13.7	20.5

