Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121815\
Data File : BF083907.D
Acq On : 18 Dec 2015 9:55
Operator : UM/SJ
Sample : G4800-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 18 11:39:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	47250	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	190499	20.00	ng		0.01
38) Acenaphthene-d10	9.92	164	76822	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	114848	20.00	ng		0.01
75) Chrysene-d12	14.04	240	98080	20.00	ng		0.01
86) Perylene-d12	15.48	264	69650	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	194404	64.39	ng		0.01
7) Phenol-d6	6.52	99	144352	39.06	ng		0.01
23) Nitrobenzene-d5	7.45	82	299763	89.81	ng		0.01
41) 2,4,6-Tribromophenol	10.72	330	113690	134.34	ng		0.01
44) 2-Fluorobiphenyl	9.24	172	552546	104.81	ng		0.00
78) Terphenyl-d14	12.99	244	411617	99.16	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	8998	4.04	ng		94
14) 1,2-Dichlorobenzene	7.06	146	3180	Below Cal			98
15) Benzyl Alcohol	7.04	79	7504	2.68	ng	#	42
18) Hexachloroethane	7.46	117	220811	152.52	ng	#	24
24) Nitrobenzene	7.46	77	10247	2.97	ng	#	10
27) 2,4-Dimethylphenol	7.82	122	8796	2.86	ng		98
31) Naphthalene	8.19	128	3287	Below Cal		#	1
32) Benzoic acid	7.94	122	1645	3.45	ng	#	1
36) 4-Chloro-3-methylphenol	8.74	107	4972	Below Cal		#	20
37) 2-Methylnaphthalene	8.98	142	580709	87.71	ng	#	94
45) 1,1'-Biphenyl	9.24	154	1315	Below Cal		#	1
46) 2-Chloronaphthalene	9.34	162	612	Below Cal		#	1
53) 2,4-Dinitrophenol	10.06	184	1258	12.47	ng	#	83
54) Dibenzofuran	10.12	168	25442	3.56	ng	#	83
55) 4-Nitrophenol	10.03	139	2148	2.32	ng	#	37
64) 4,6-Dinitro-2-methylphenol	10.54	198	1108	5.37	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	7280	5.18	ng	#	1
77) Pyrene	12.84	202	849	Below Cal		#	25

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121815\
Data File : BF083907.D
Acq On : 18 Dec 2015 9:55
Operator : UM/SJ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
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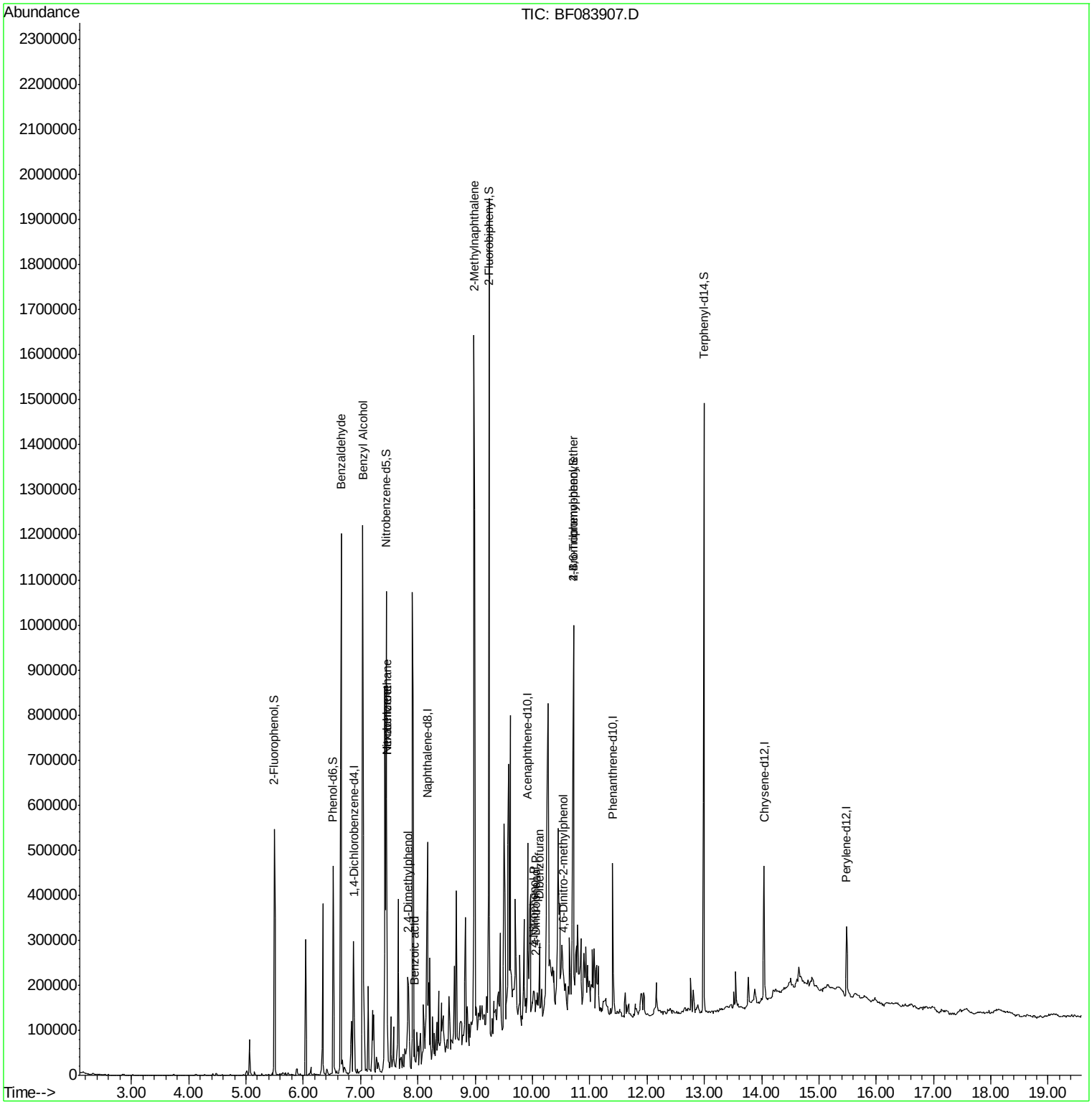
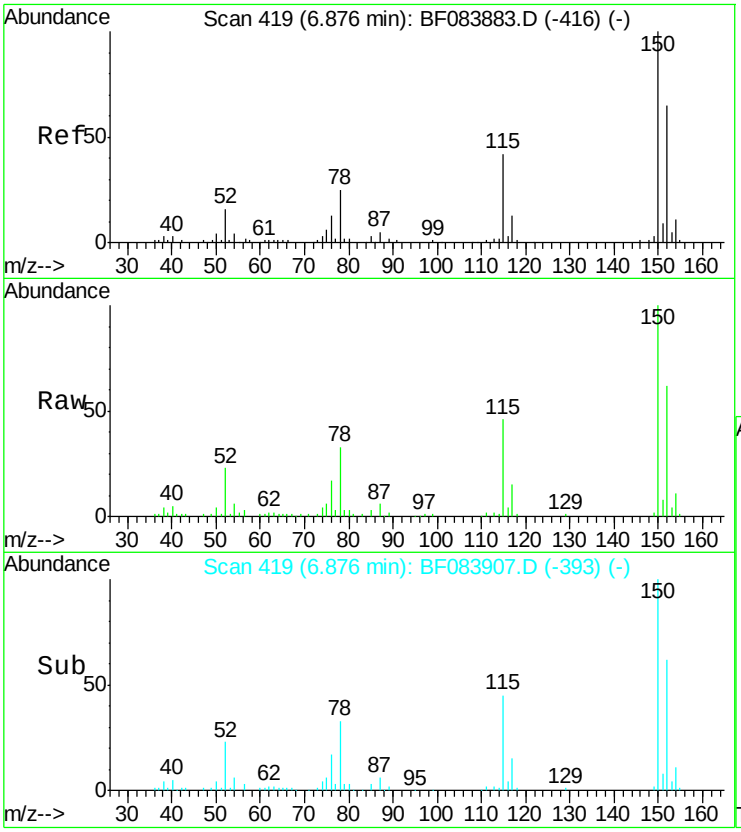


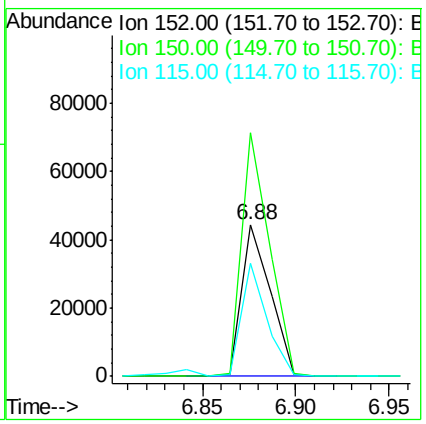


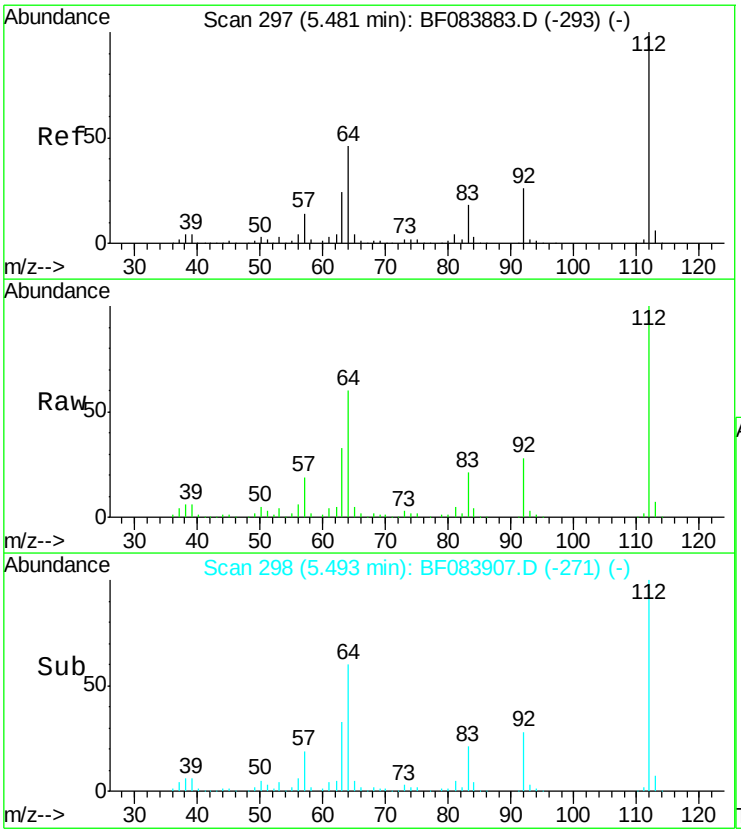
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 47250

Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.0	184.4
115	74.5	51.4	77.2

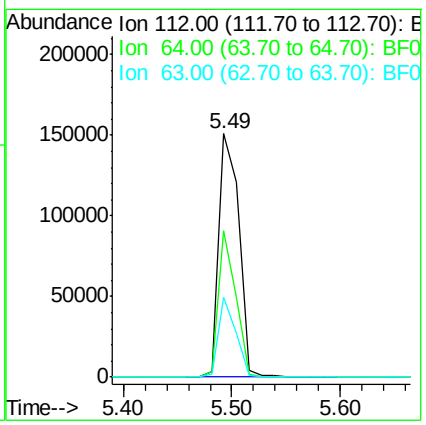


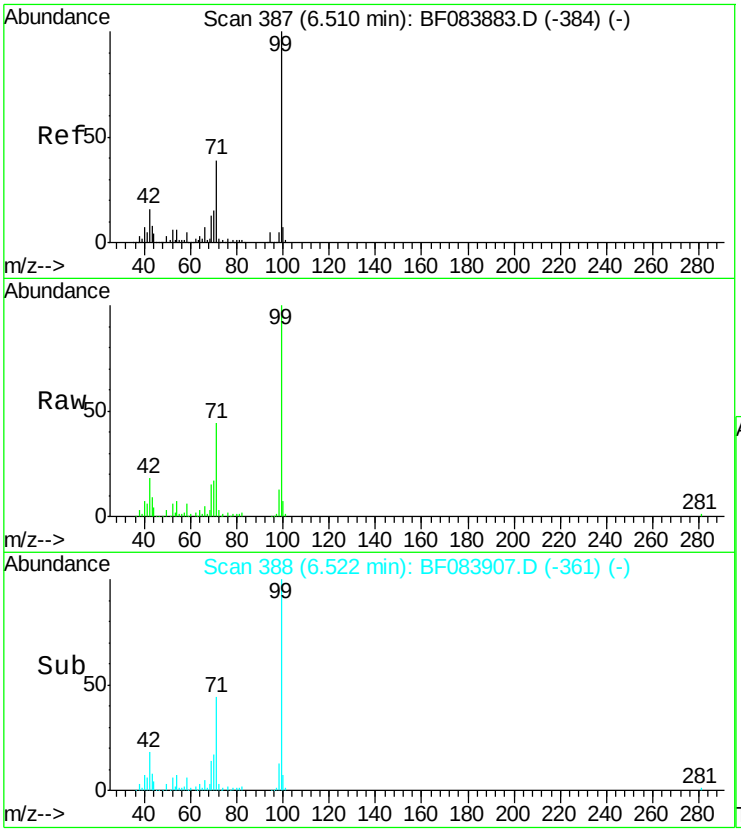


#5
2-Fluorophenol
Concen: 64.39 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:112 Resp: 194404

Ion	Ratio	Lower	Upper
112	100		
64	59.9	36.6	55.0#
63	32.5	19.4	29.0#

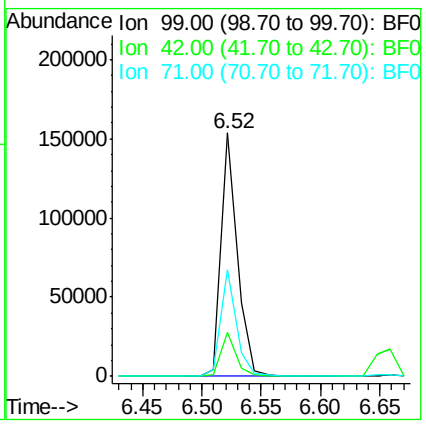




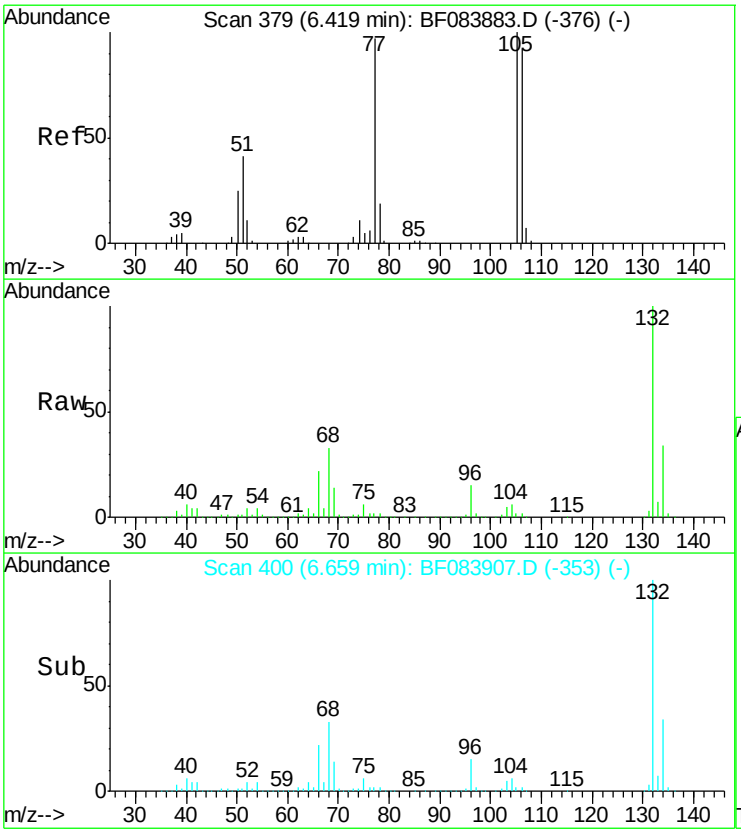
#7
Phenol-d6
Concen: 39.06 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion: 99 Resp: 144352

Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.8	19.2
71	43.8	30.9	46.3



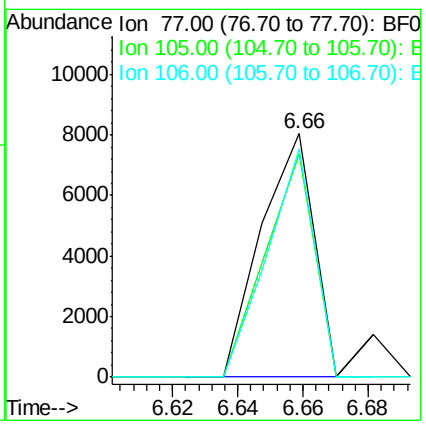
Instrument :
BNA_F
ClientSampleId :

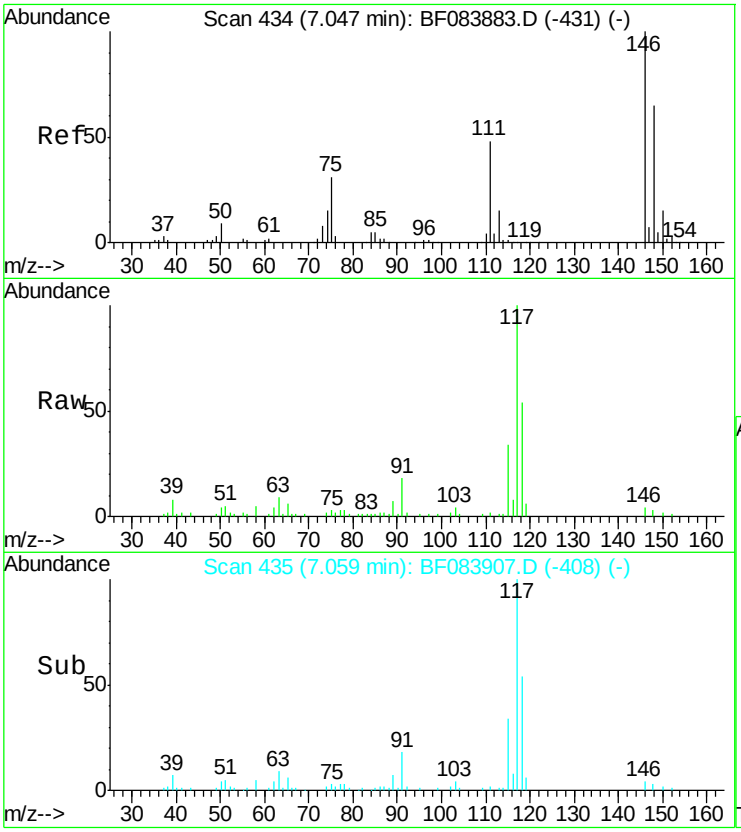


#9
Benzaldehyde
Concen: 4.04 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.24 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion: 77 Resp: 8998

Ion	Ratio	Lower	Upper
77	100		
105	91.9	83.0	123.0
106	93.8	74.6	114.6



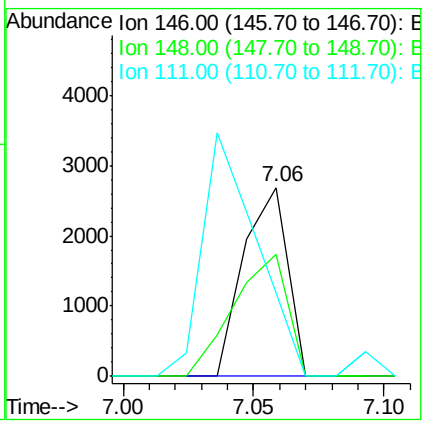


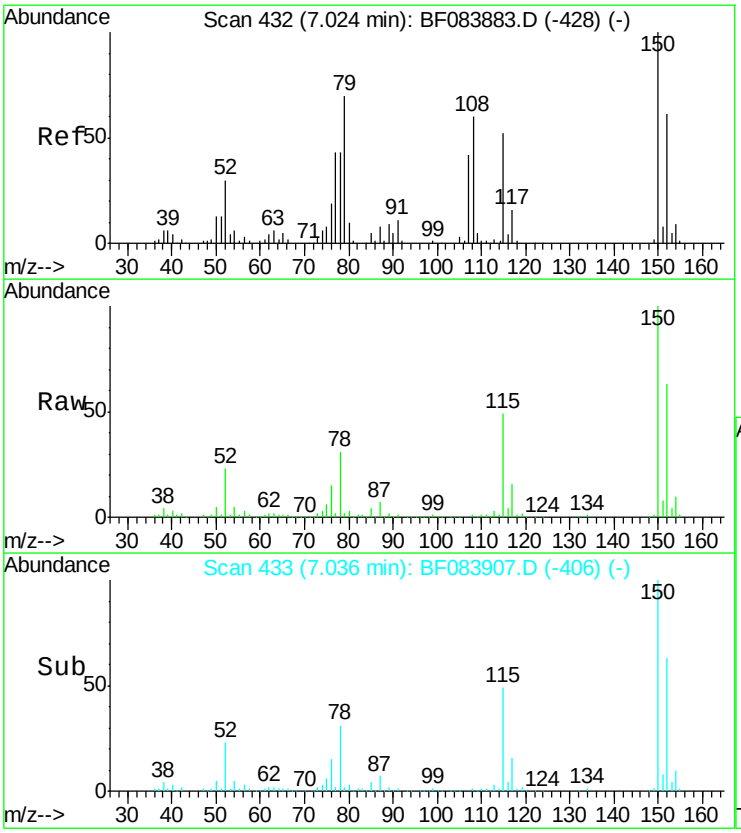
#14
1,2-Dichlorobenzene
Concen: Below Cal
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 3180

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	44.1	38.0	57.0

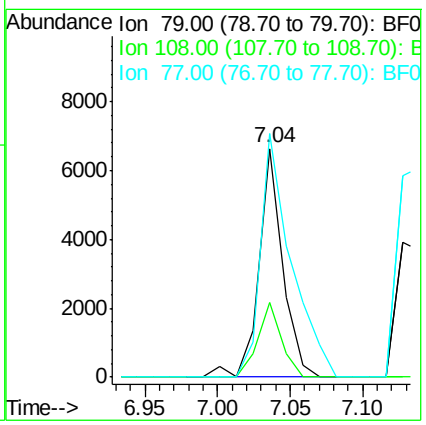


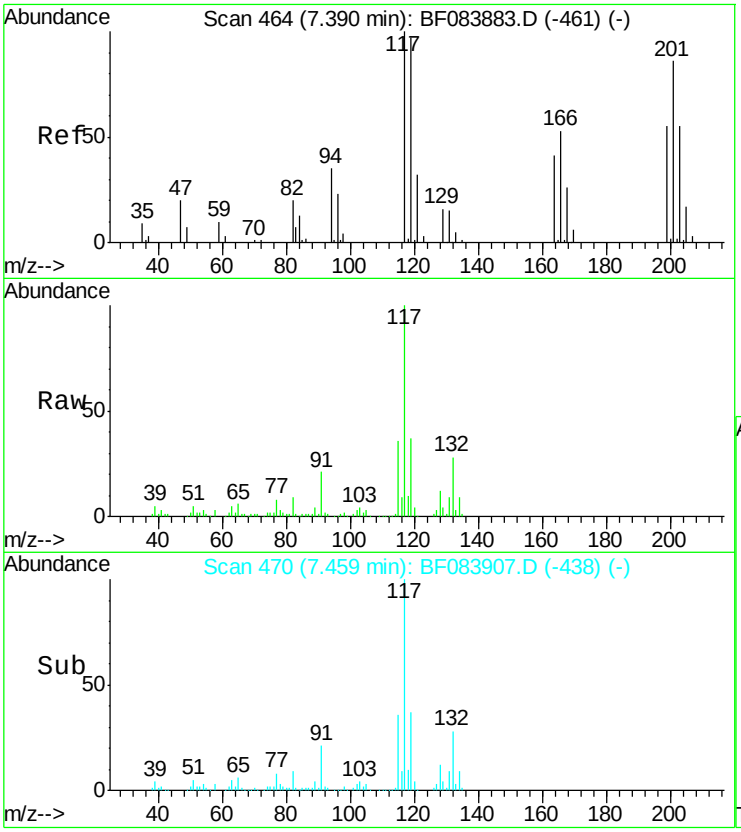


#15
Benzyl Alcohol
Concen: 2.68 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion: 79 Resp: 7504

Ion	Ratio	Lower	Upper
79	100		
108	32.9	69.0	103.4#
77	106.5	50.0	75.0#



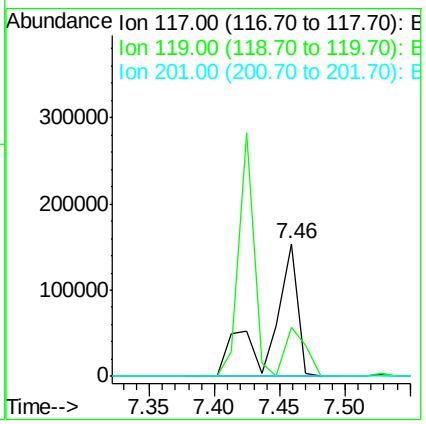


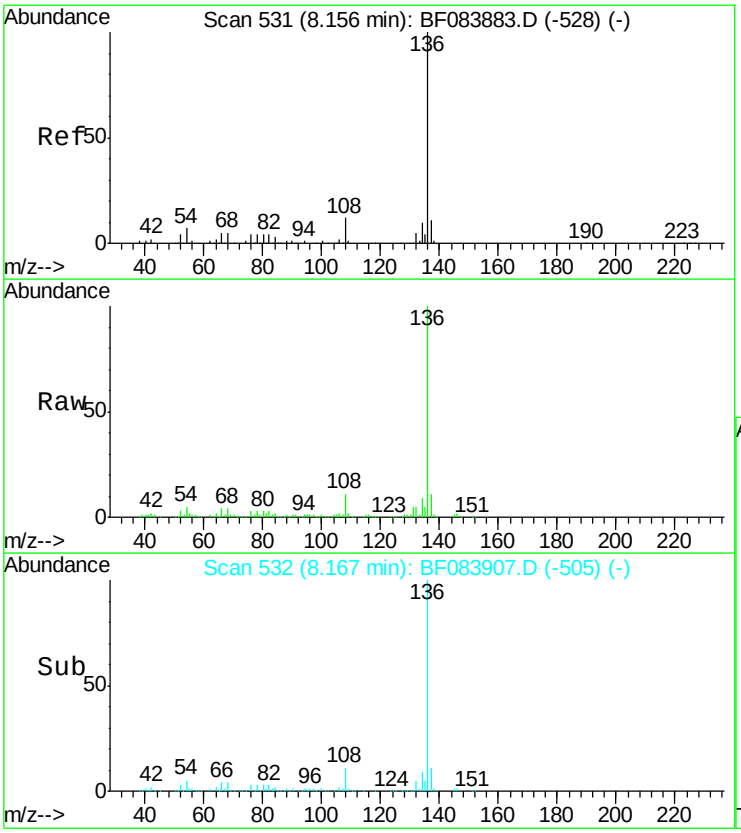
#18
Hexachloroethane
Concen: 152.52 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.07 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 220811

Ion	Ratio	Lower	Upper
117	100		
119	37.4	77.4	116.0#
201	0.0	68.6	103.0#

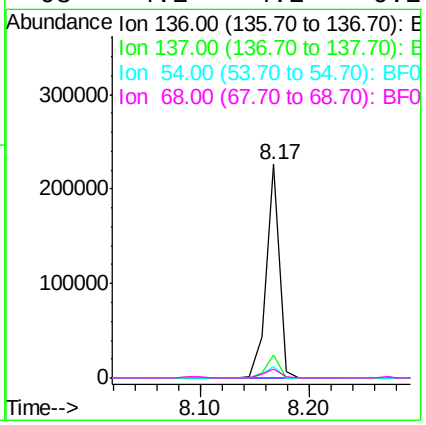


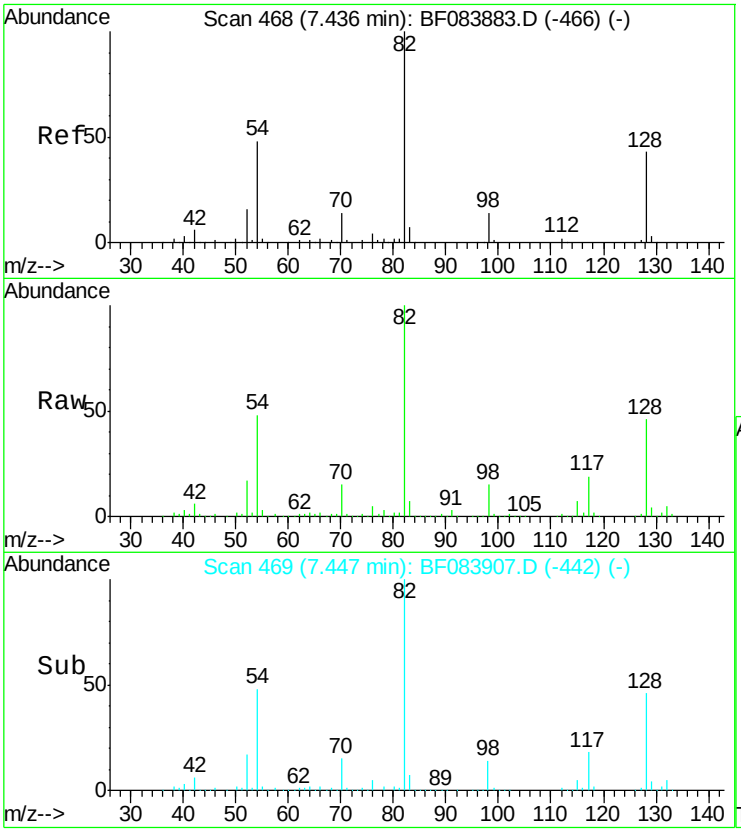


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:136 Resp: 190499

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.4	5.8	8.8#
68	4.2	4.2	6.2



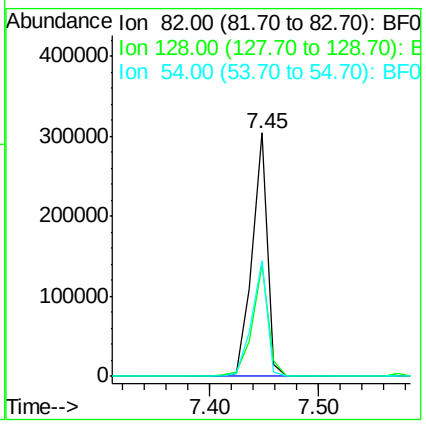


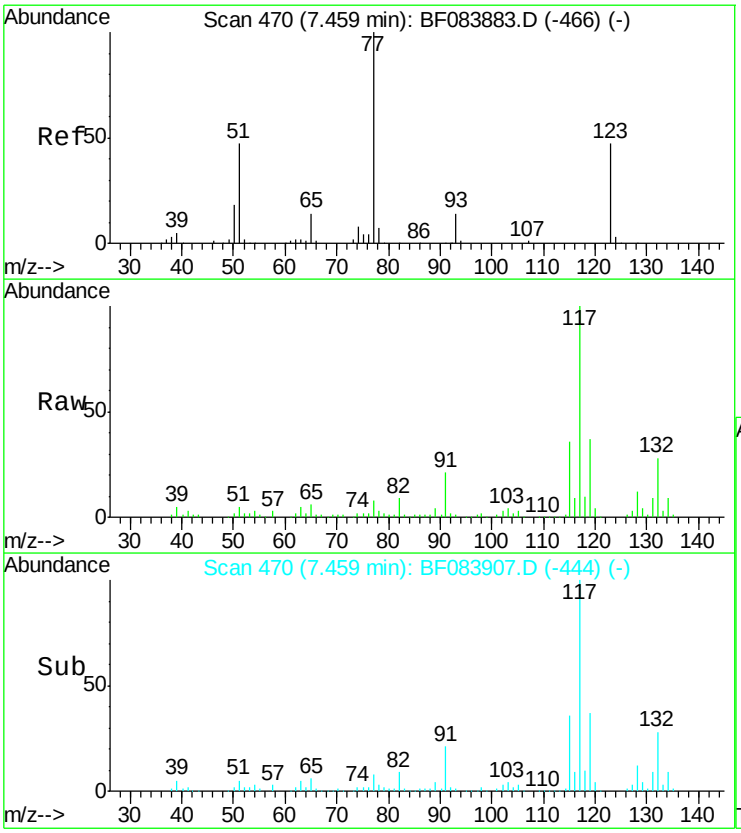
#23
Nitrobenzene-d5
Concen: 89.81 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 299763

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	51.8
54	47.7	38.4	57.6

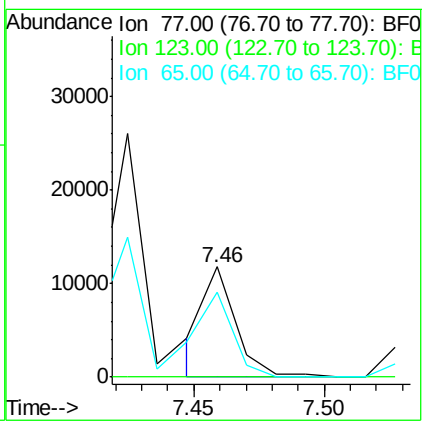


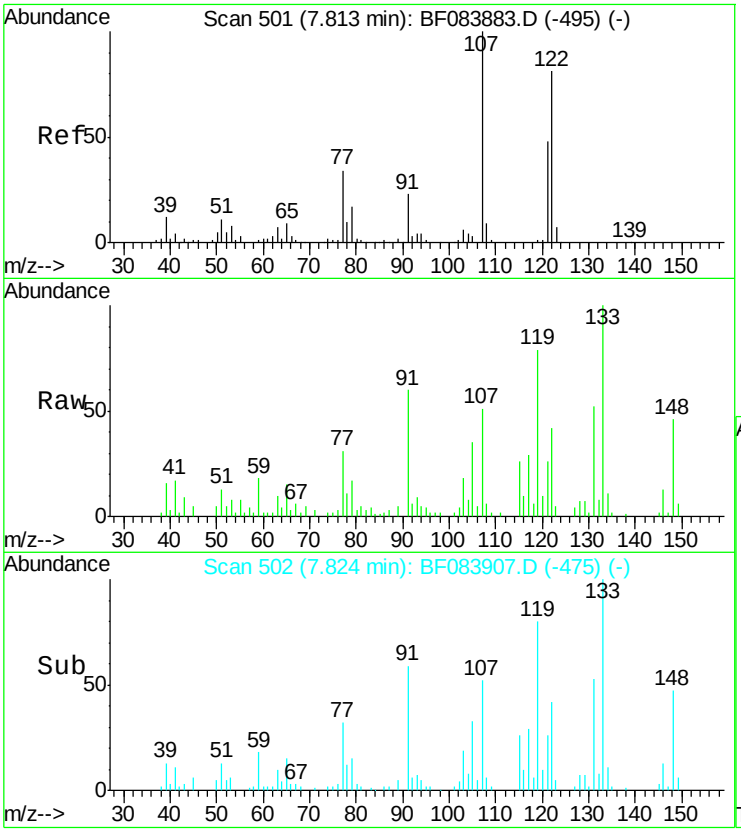


#24
Nitrobenzene
Concen: 2.97 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion: 77 Resp: 10247

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	77.0	10.9	16.3#

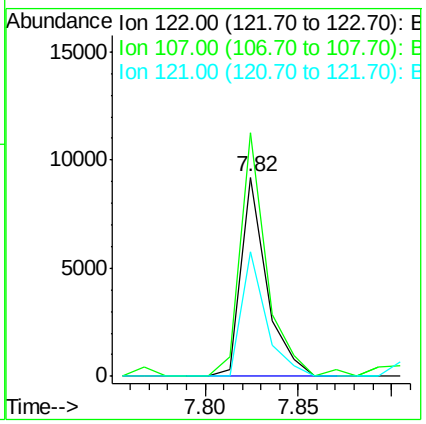




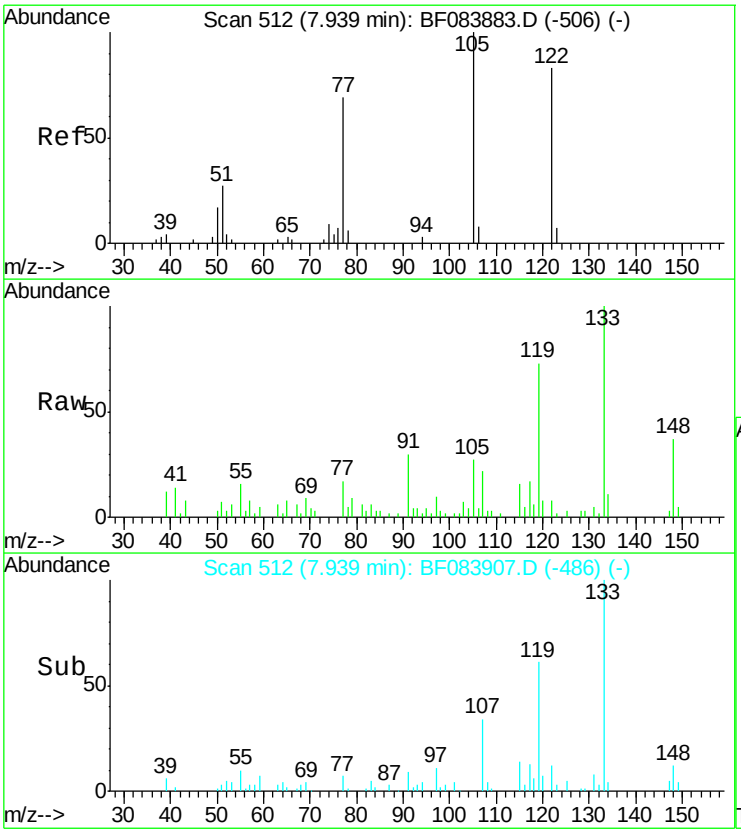
#27
2,4-Dimethylphenol
Concen: 2.86 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:122 Resp: 8796

Ion	Ratio	Lower	Upper
122	100		
107	122.4	99.1	148.7
121	62.5	47.9	71.9



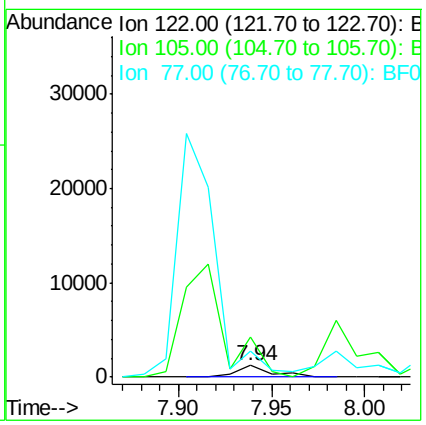
Instrument :
BNA_F
ClientSampleId :

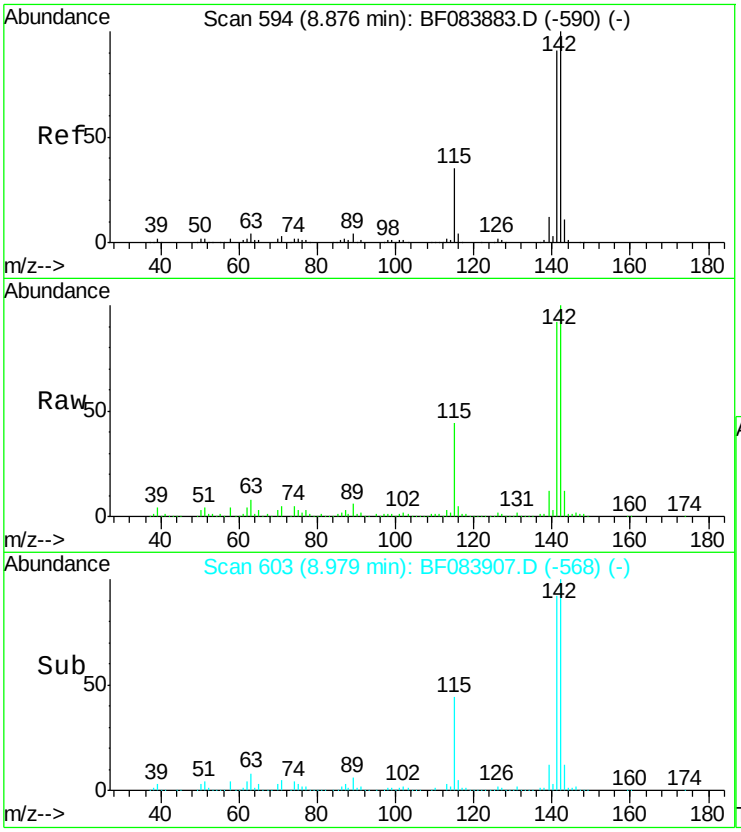


#32
Benzoic acid
Concen: 3.45 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:122 Resp: 1645

Ion	Ratio	Lower	Upper
122	100		
105	348.6	100.3	140.3#
77	223.2	63.5	103.5#



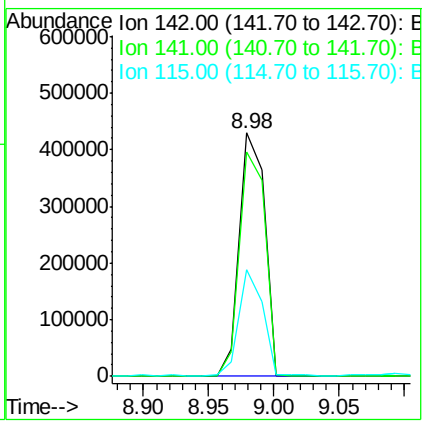


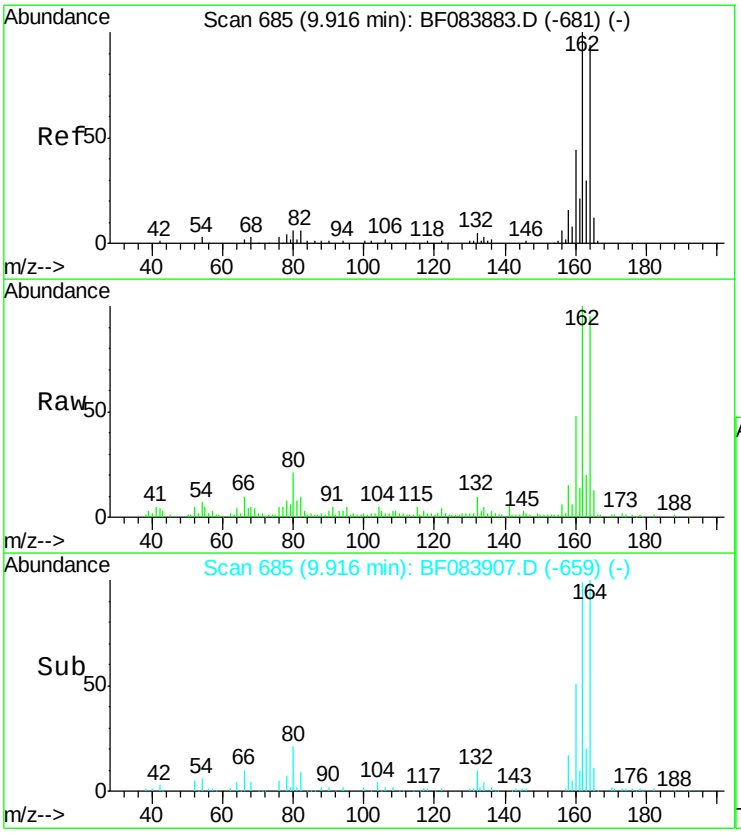
#37
2-Methylnaphthalene
Concen: 87.71 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.10 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 580709

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.4	108.6
115	43.8	27.9	41.9#

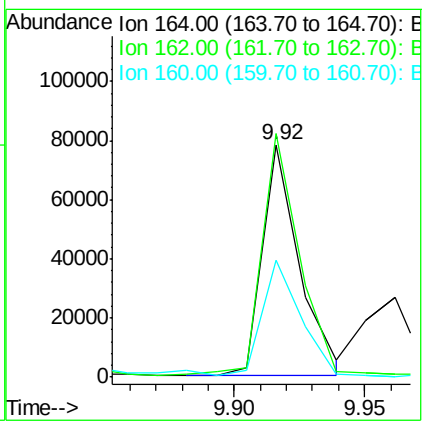


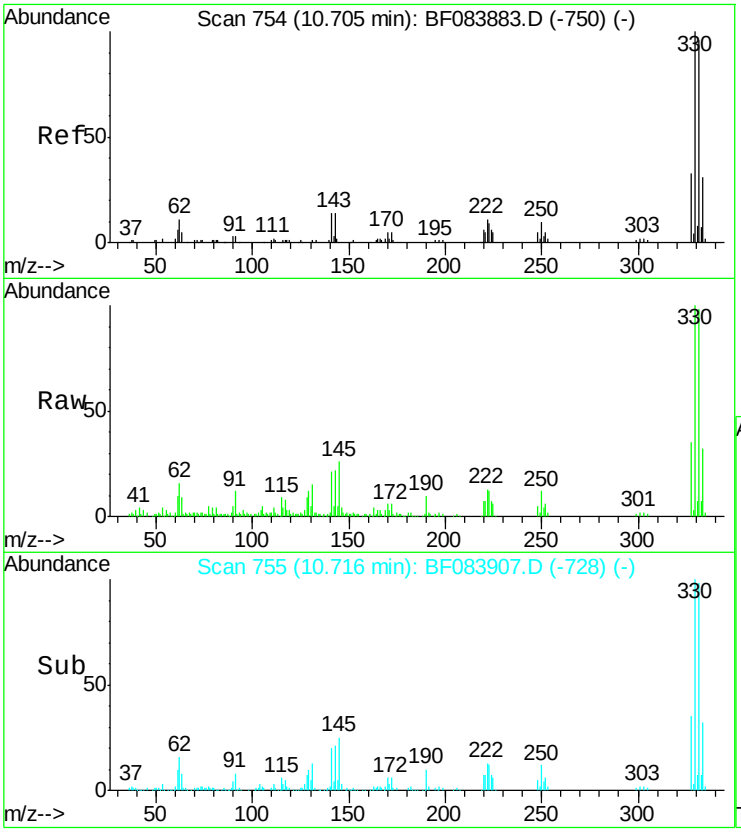


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:164 Resp: 76822

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	50.4	37.5	56.3



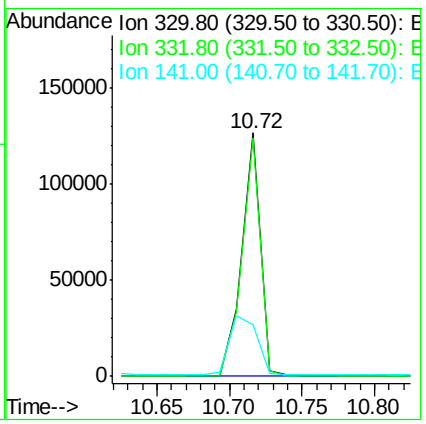


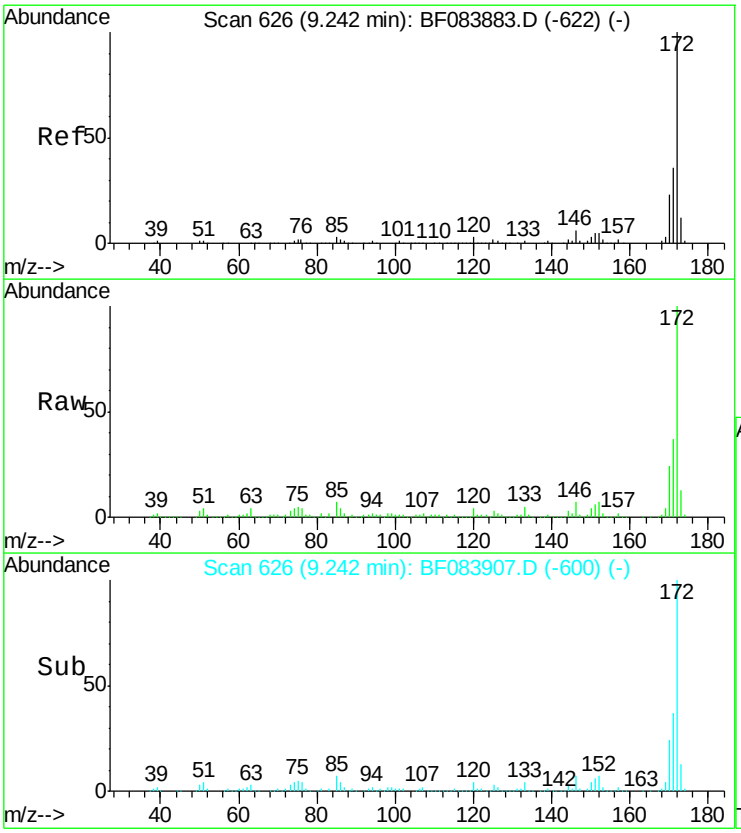
#41
2,4,6-Tribromophenol
Concen: 134.34 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 113690

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	35.8	27.8	41.6

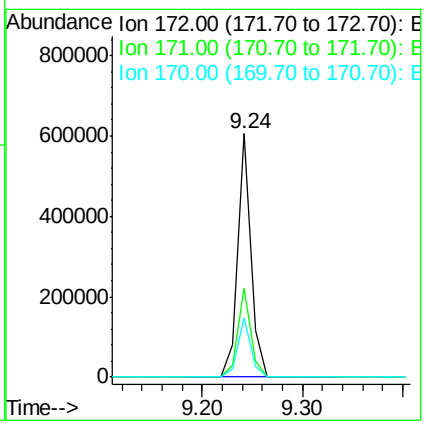


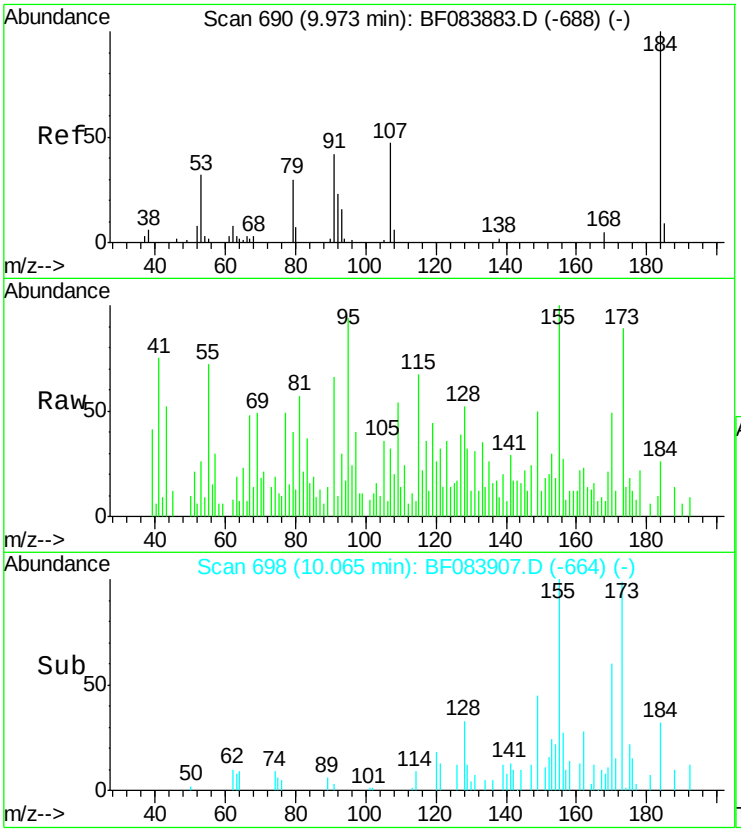


#44
2-Fluorobiphenyl
Concen: 104.81 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:172 Resp: 552546

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.1	18.6	27.8



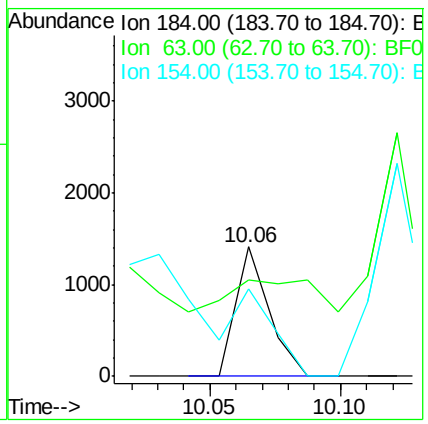


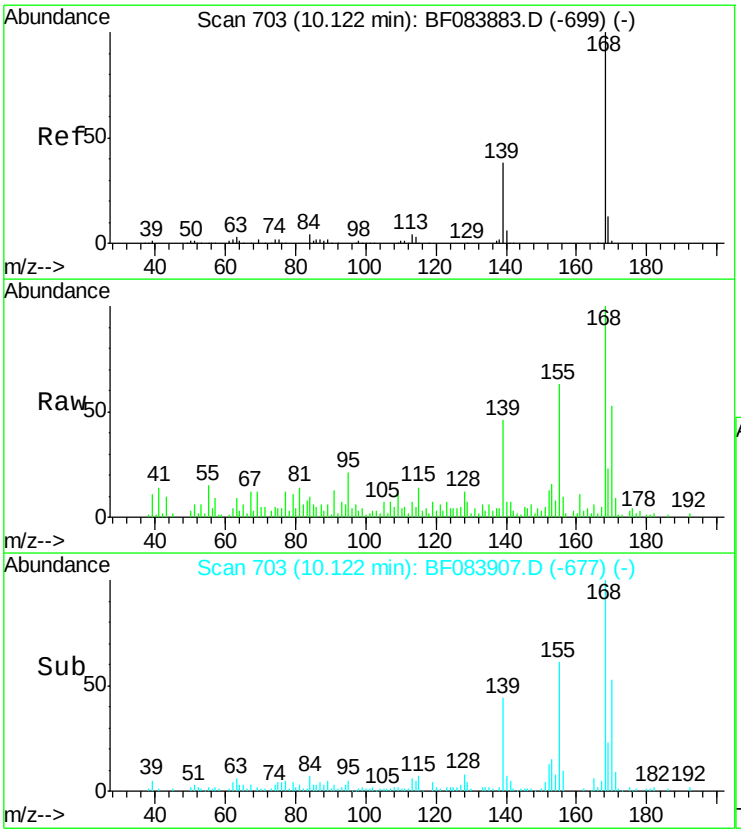
#53
2,4-Dinitrophenol
Concen: 12.47 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.09 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1258

Ion	Ratio	Lower	Upper
184	100		
63	74.7	43.1	64.7#
154	67.8	60.5	90.7

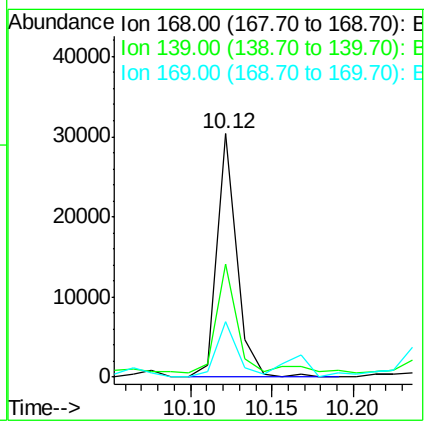


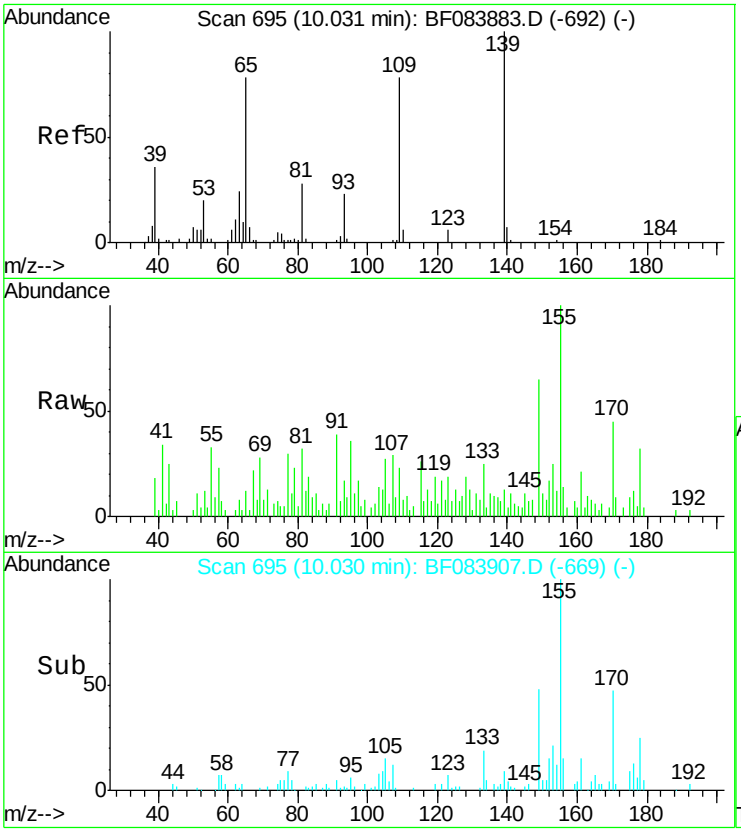


#54
Dibenzofuran
Concen: 3.56 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:168 Resp: 25442

Ion	Ratio	Lower	Upper
168	100		
139	46.3	30.5	45.7#
169	22.9	10.4	15.6#



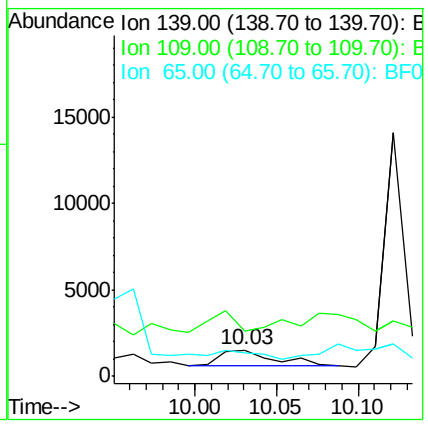


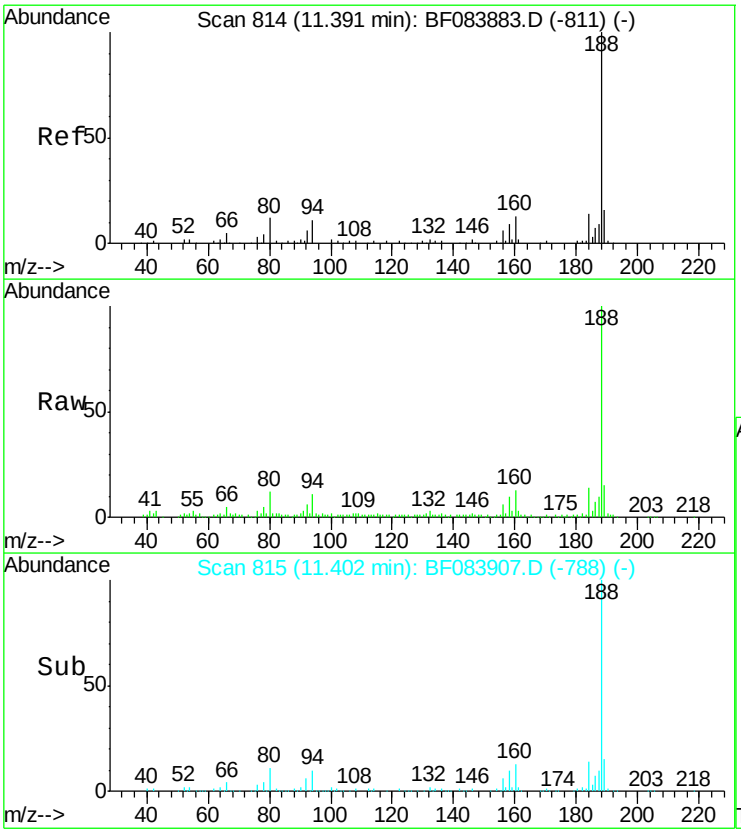
#55
4-Nitrophenol
Concen: 2.32 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2148

Ion	Ratio	Lower	Upper
139	100		
109	175.9	58.5	98.5#
65	90.0	57.6	97.6

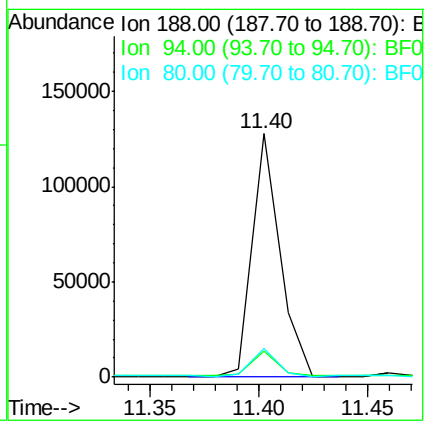


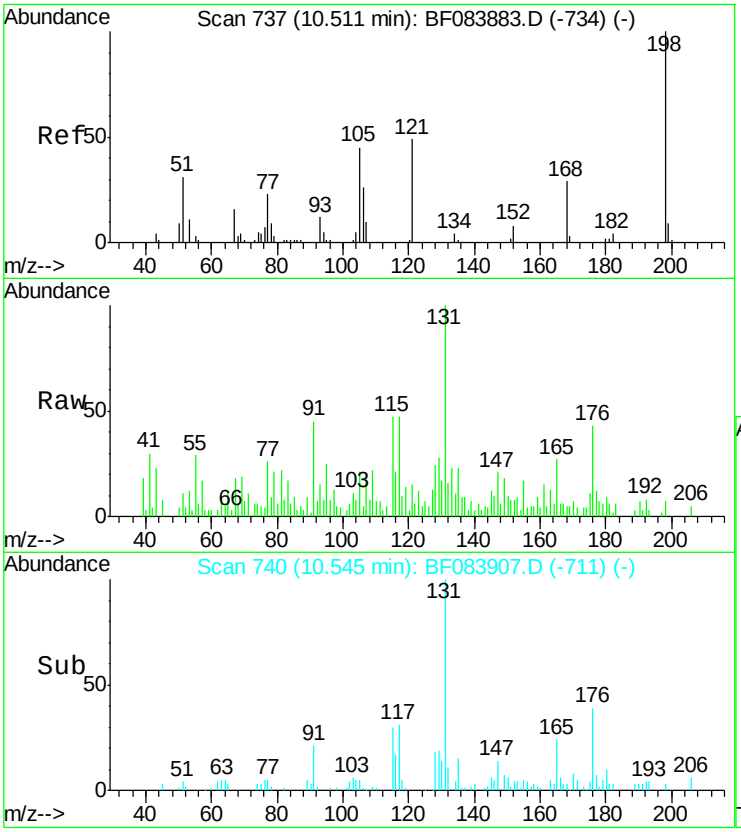


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:188 Resp: 114848

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.6	9.6	14.4



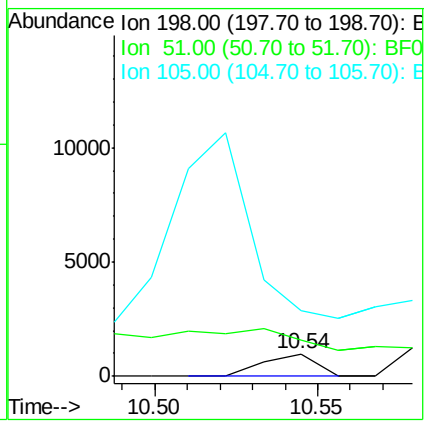


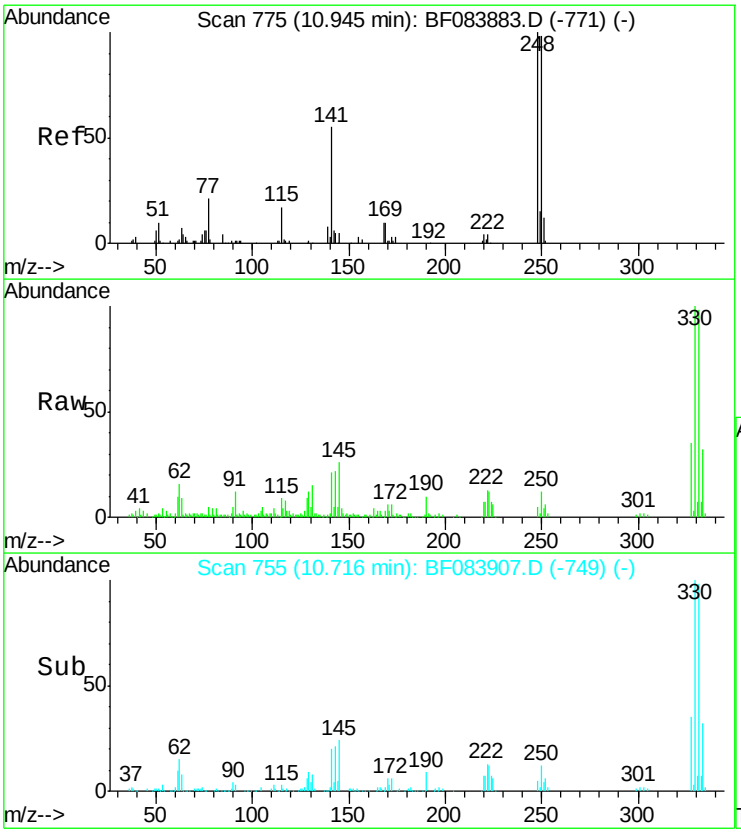
#64
4,6-Dinitro-2-methylphenol
Concen: 5.37 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.03 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1108

Ion	Ratio	Lower	Upper
198	100		
51	160.2	18.9	58.9#
105	296.5	26.4	66.4#

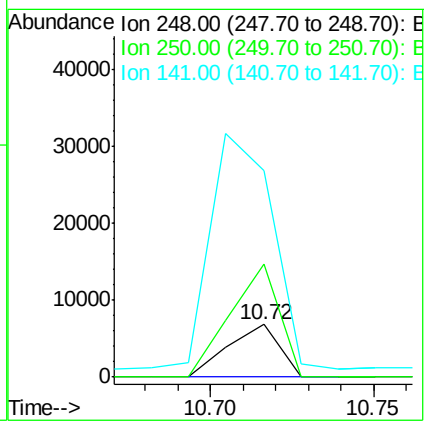


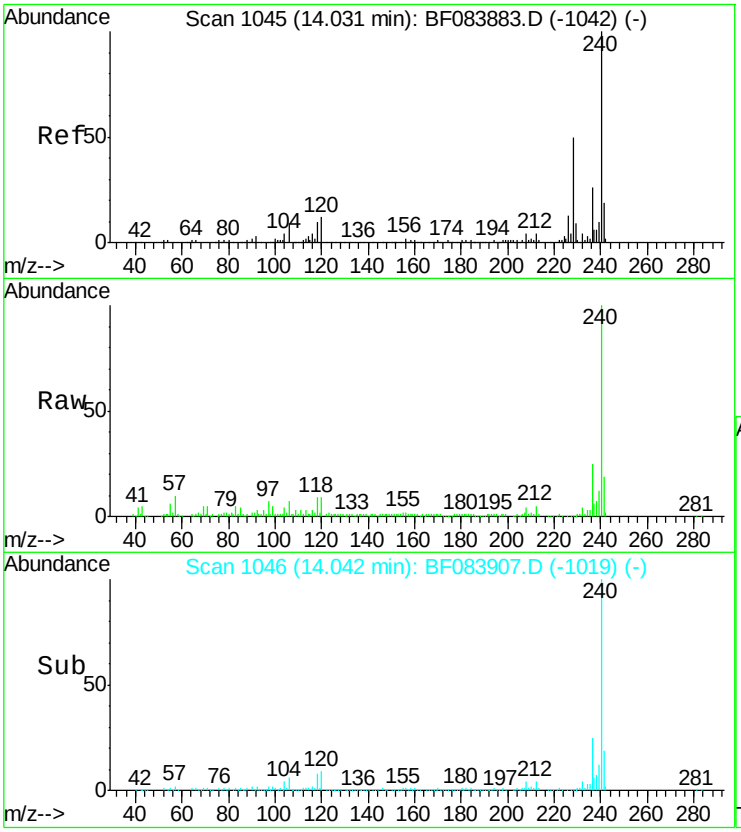


#66
4-Bromophenyl-phenylether
Concen: 5.18 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.23 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:248 Resp: 7280

Ion	Ratio	Lower	Upper
248	100		
250	216.9	78.4	117.6#
141	393.6	44.0	66.0#



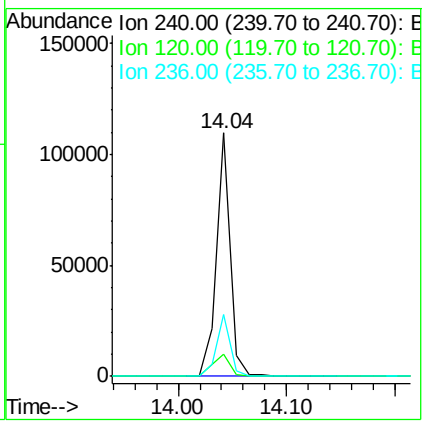


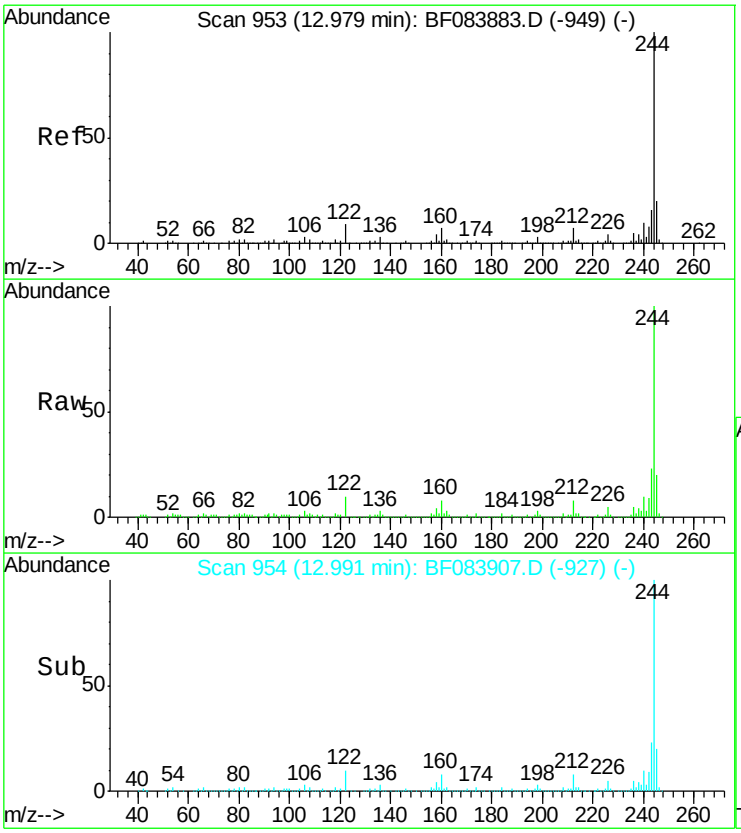
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 98080

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.4	20.6	31.0

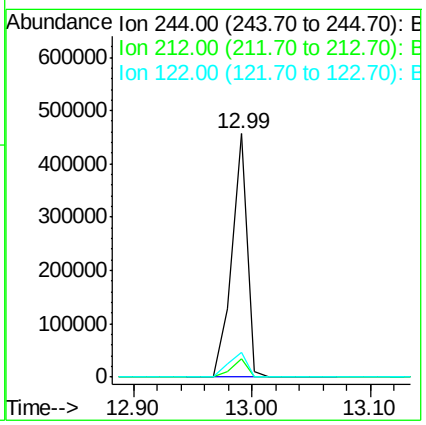


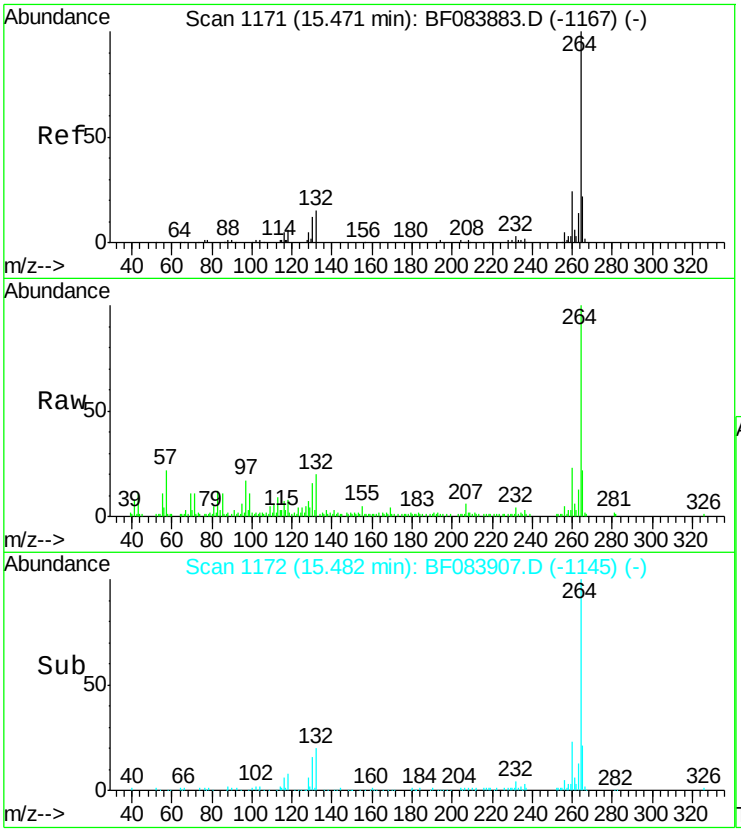


#78
Terphenyl-d14
Concen: 99.16 ng
RT: 12.99 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Tgt Ion:244 Resp: 411617

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.0	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF083907.D
Acq: 18 Dec 2015 9:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 69650

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.7	17.8	26.6