Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083101.D
Acq On : 21 Nov 2015 3:32
Operator : UM/IZ
Sample : G4485-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 21 04:14:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	144649	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	494884	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	240661	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	355003	20.00	ng		0.01
75) Chrysene-d12	13.86	240	382608	20.00	ng		0.00
86) Perylene-d12	15.24	264	294055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	699614	75.12	ng		0.01
7) Phenol-d6	6.36	99	613441	50.01	ng		0.01
23) Nitrobenzene-d5	7.26	82	899896	83.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	284362	111.29	ng		0.01
44) 2-Fluorobiphenyl	9.08	172	1521892	85.17	ng		0.00
78) Terphenyl-d14	12.82	244	1023179	63.13	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.24	77	3540	Below Cal			100
15) Benzyl Alcohol	6.85	79	33408	3.31	ng	#	61
18) Hexachloroethane	7.28	117	95102	21.97	ng	#	6
19) n-Nitroso-di-n-propylamine	7.10	70	39532	4.41	ng	#	46
20) 3+4-Methylphenols	7.14	107	138921	12.29	ng		87
24) Nitrobenzene	7.25	77	33911	3.11	ng	#	38
25) Isophorone	7.52	82	60289	2.96	ng	#	1
26) 2-Nitrophenol	7.54	139	13920	2.92	ng	#	50
32) Benzoic acid	8.02	122	1611733	336.26	ng		99
35) Caprolactam	8.43	113	91534	37.69	ng	#	1
47) 2-Nitroaniline	9.28	65	20892	3.44	ng	#	47
49) Dimethylphthalate	9.48	163	126398	6.38	ng	#	81
50) 2,6-Dinitrotoluene	9.54	165	14990	3.51	ng	#	61
52) 3-Nitroaniline	9.69	138	19878	4.08	ng	#	2
55) 4-Nitrophenol	9.88	139	12327	3.69	ng	#	1
59) Diethylphthalate	10.20	149	91849	4.75	ng	#	18
60) 4-Chlorophenyl-phenylether	10.28	204	18148	2.14	ng	#	80
62) Azobenzene	10.46	77	81861	3.78	ng	#	39
66) 4-Bromophenyl-phenylether	10.54	248	17342	4.22	ng	#	1

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

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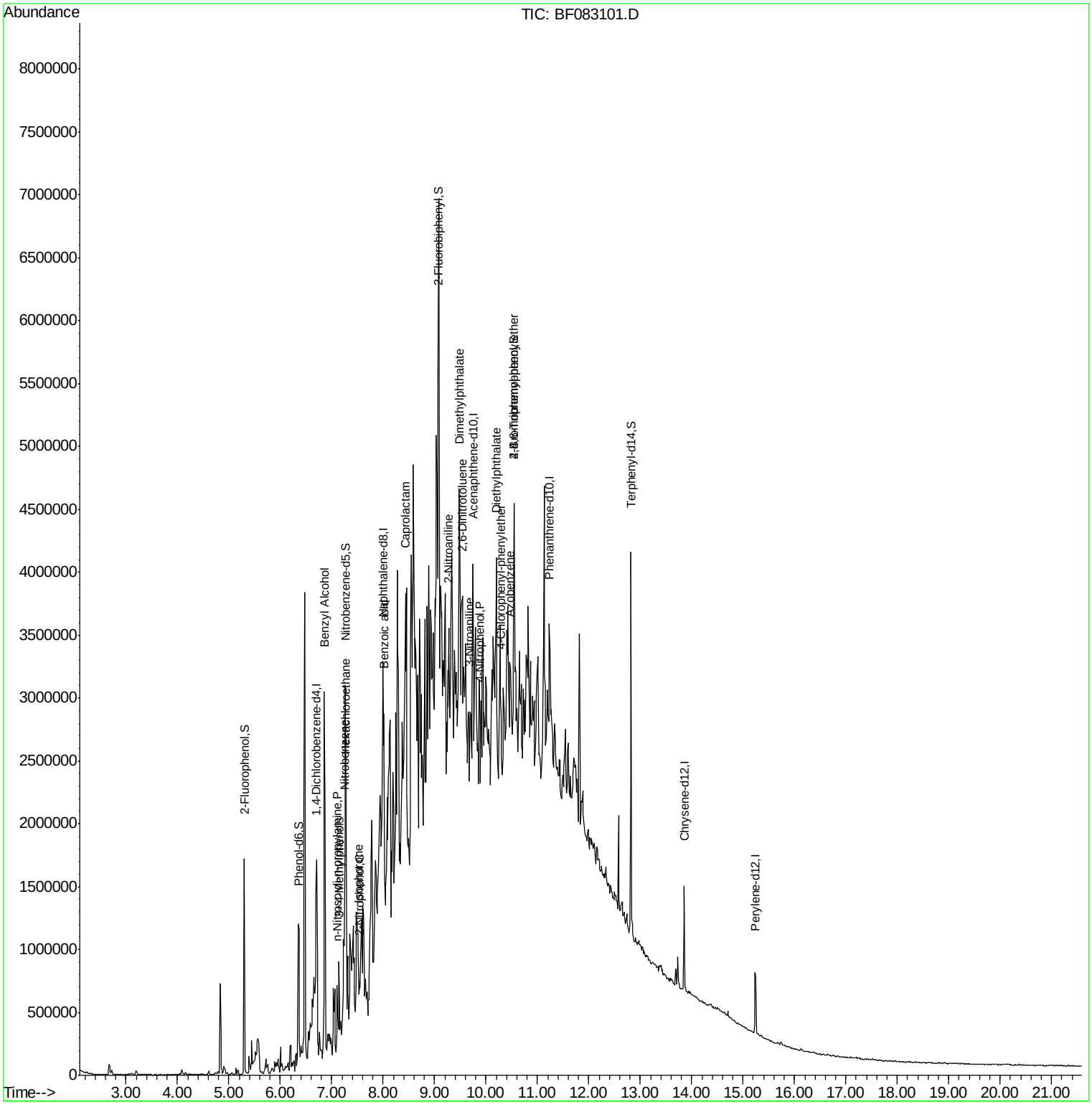
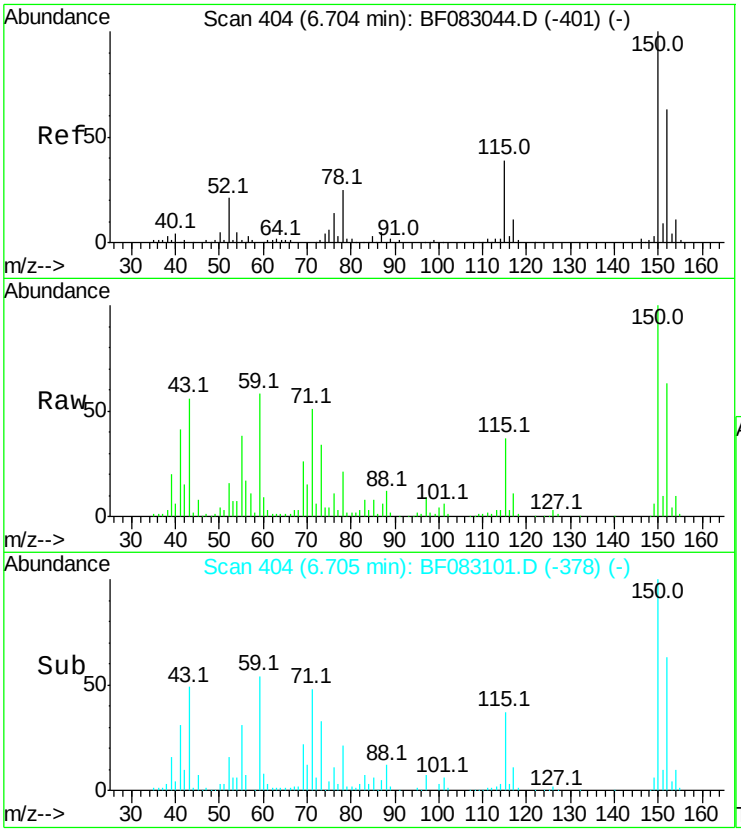


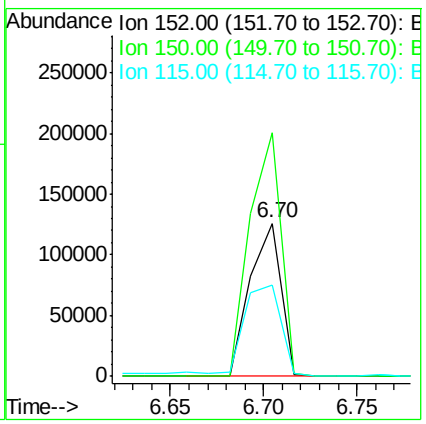


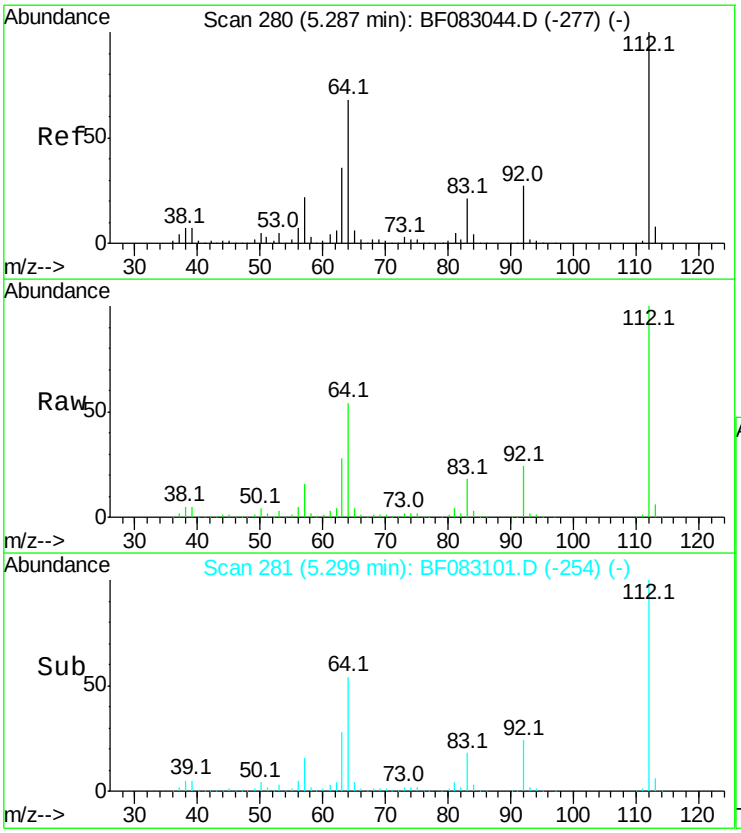
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144649

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.4	189.6
115	59.6	49.0	73.6

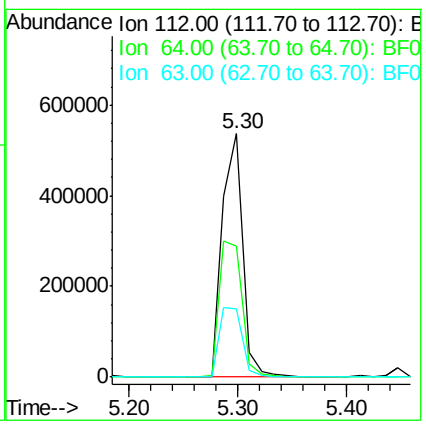


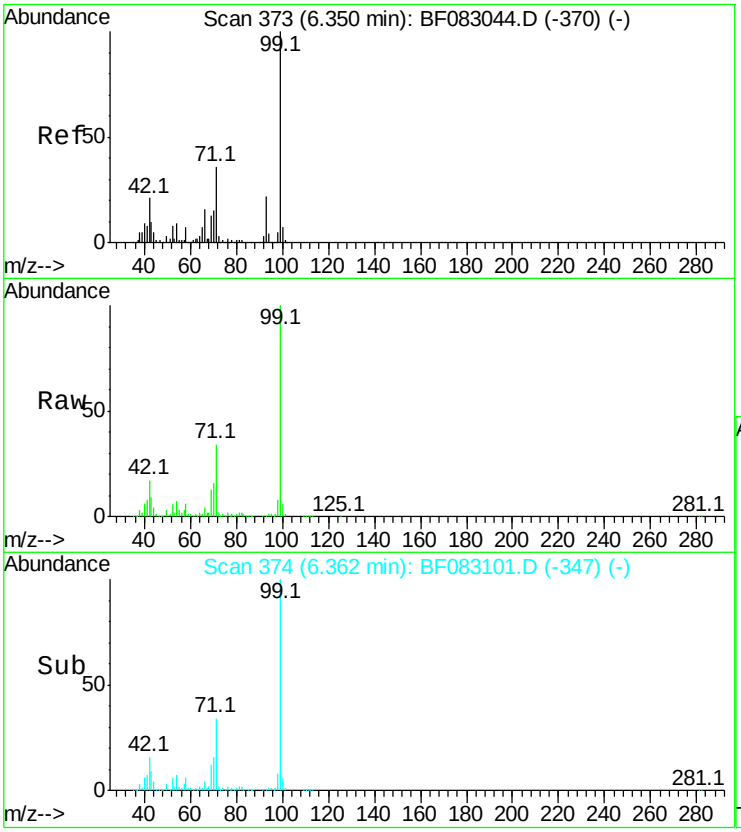


#5
2-Fluorophenol
Concen: 75.12 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:112 Resp: 699614

Ion	Ratio	Lower	Upper
112	100		
64	53.6	54.8	82.2#
63	27.8	29.0	43.4#



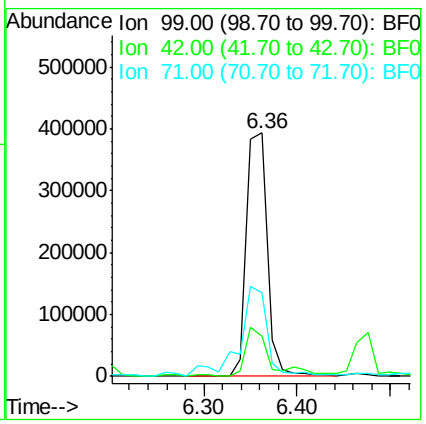


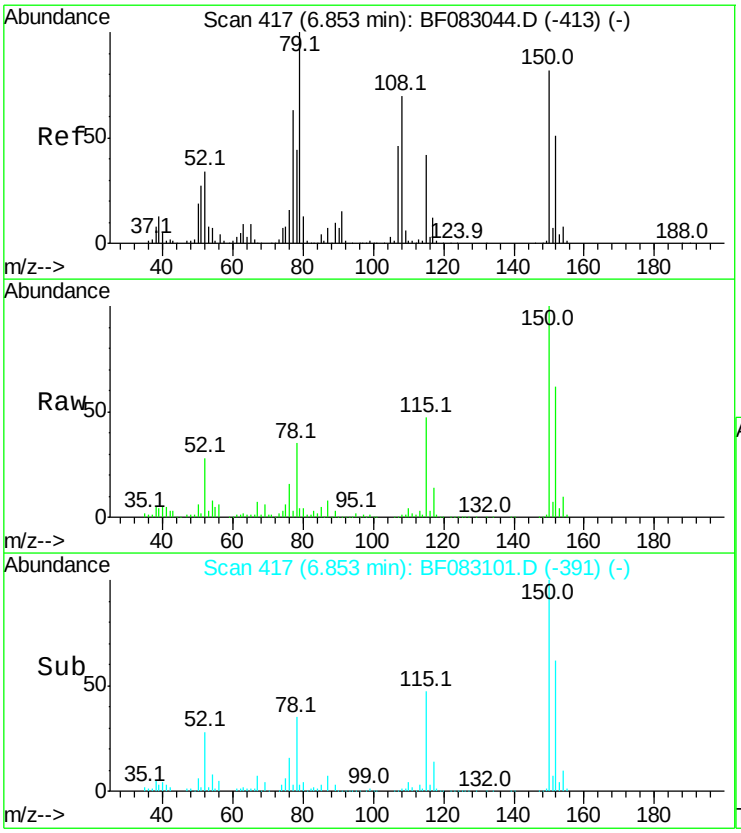
#7
Phenol-d6
Concen: 50.01 ng
RT: 6.36 min Scan# 374
Delta R.T. 0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 613441

Ion	Ratio	Lower	Upper
99	100		
42	16.6	16.6	25.0#
71	34.5	29.2	43.8

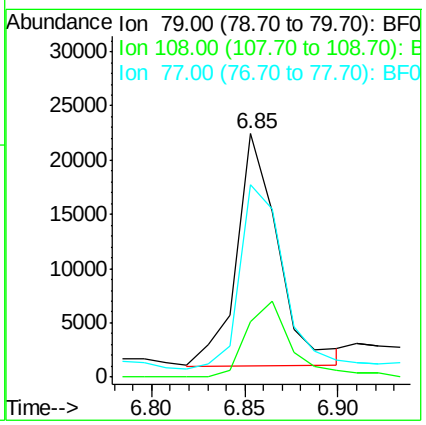


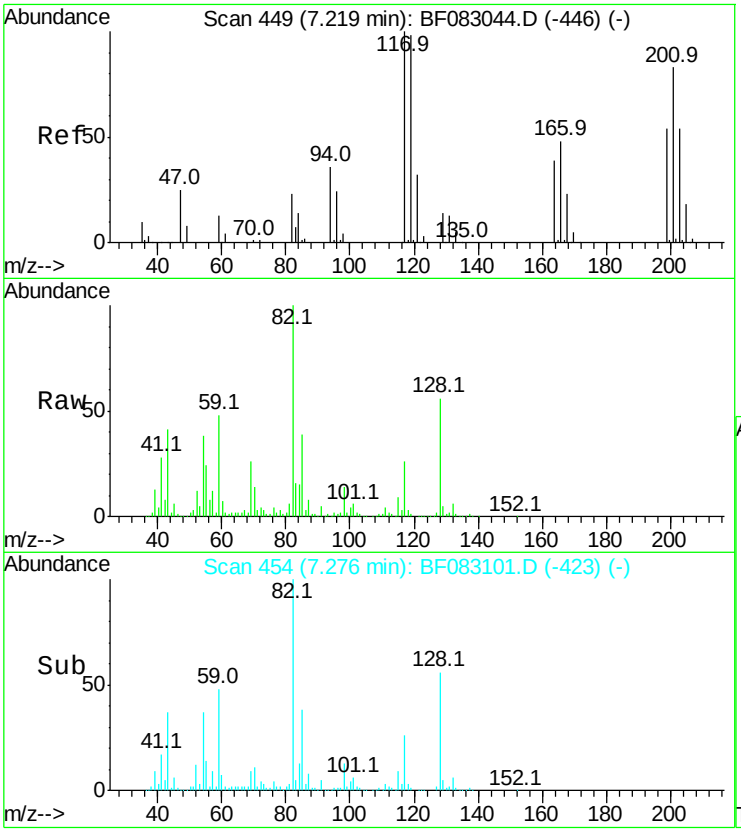


#15
Benzyl Alcohol
Concen: 3.31 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion: 79 Resp: 33408

Ion	Ratio	Lower	Upper
79	100		
108	22.8	55.7	83.5#
77	79.0	50.7	76.1#



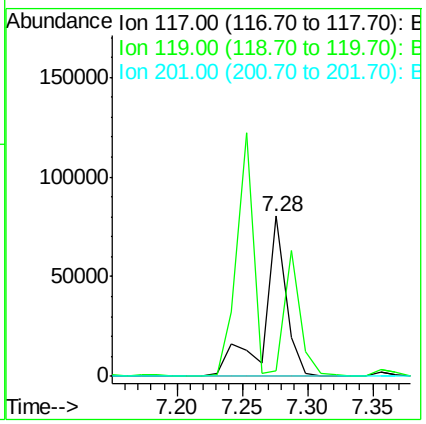


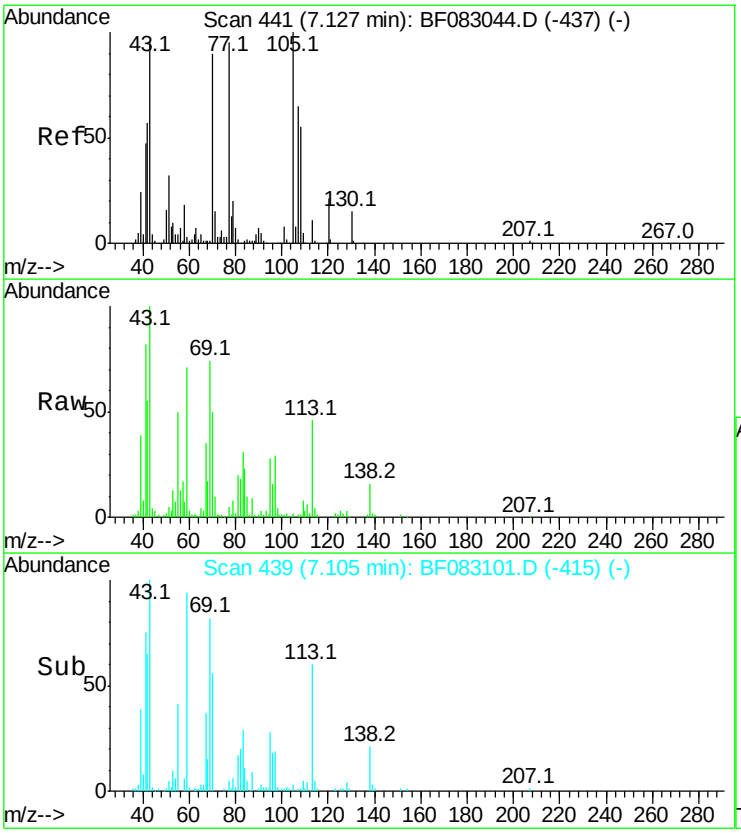
#18
Hexachloroethane
Concen: 21.97 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.06 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 95102

Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.3	117.5#
201	0.0	66.5	99.7#

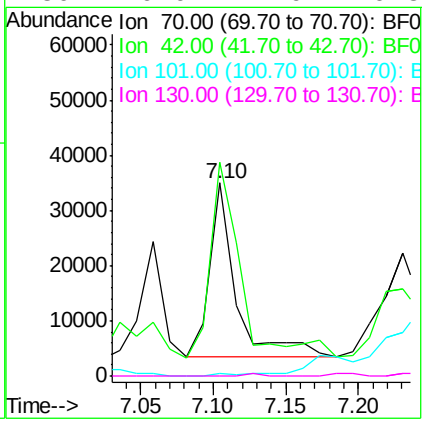


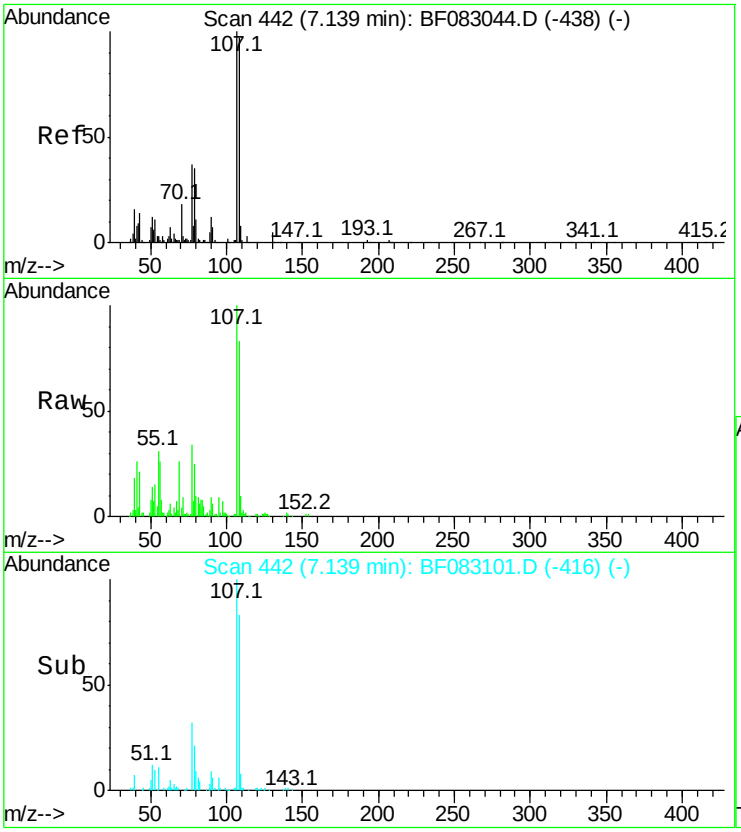


#19
n-Nitroso-di-n-propylamine
Concen: 4.41 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion: 70 Resp: 39532

Ion	Ratio	Lower	Upper
70	100		
42	110.7	50.2	75.2#
101	1.1	6.8	10.2#
130	0.0	12.9	19.3#



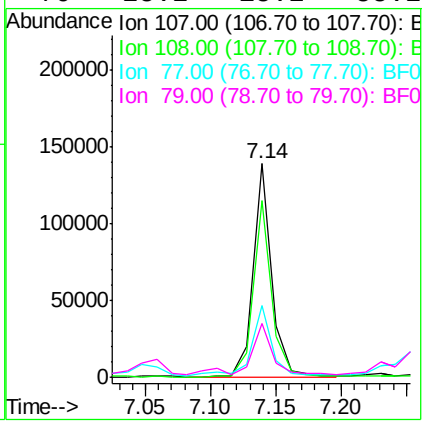


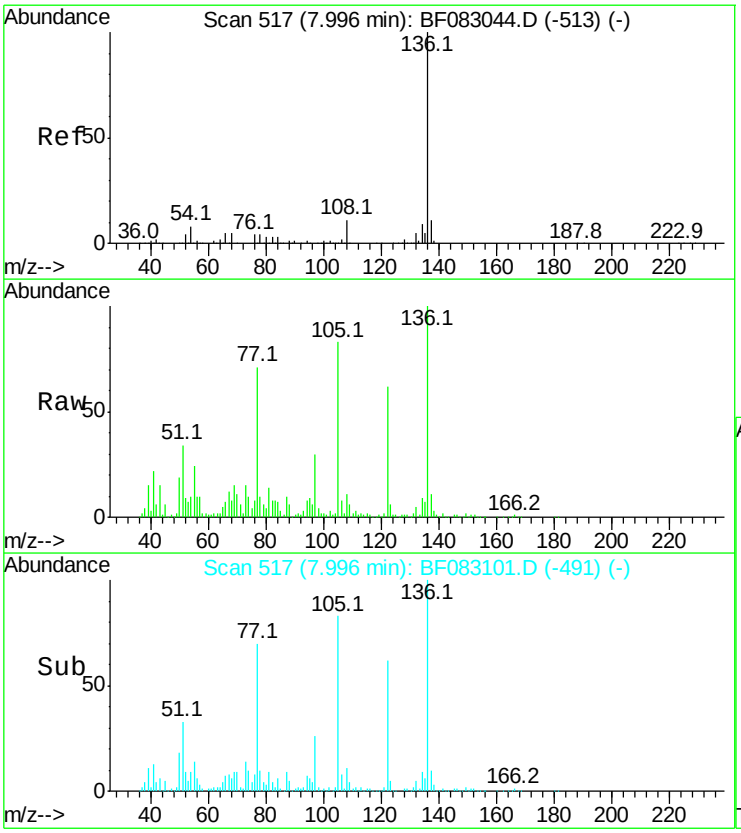
#20
3+4-Methylphenols
Concen: 12.29 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 138921

Ion	Ratio	Lower	Upper
107	100		
108	82.8	77.4	117.4
77	33.8	16.7	56.7
79	25.2	15.2	55.2

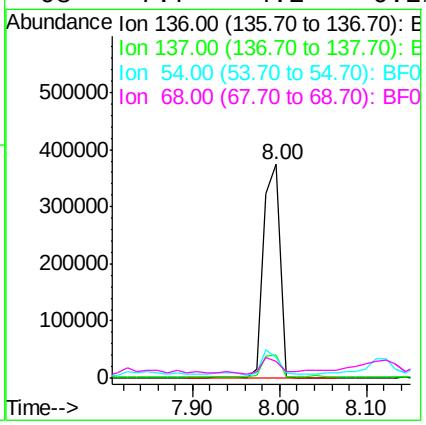


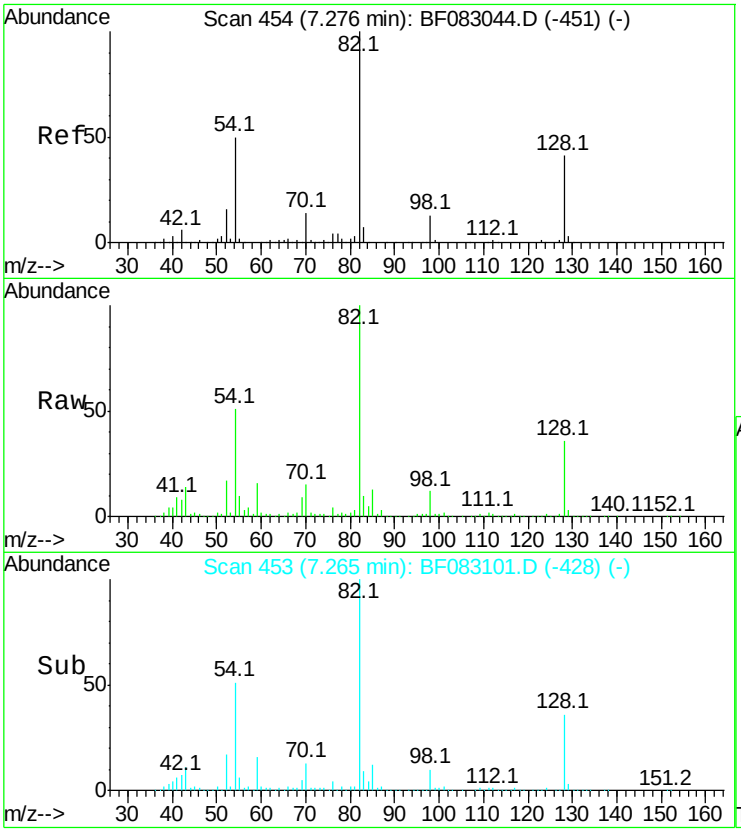


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:136 Resp: 494884

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	6.2	9.2#
68	7.7	4.2	6.2#



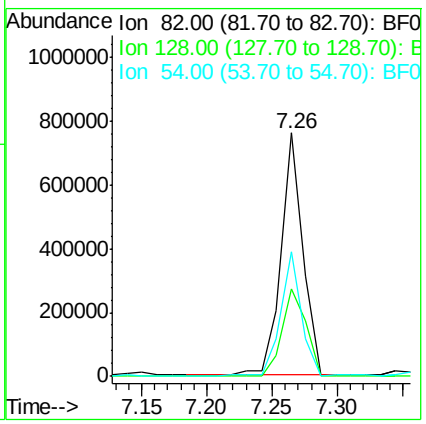


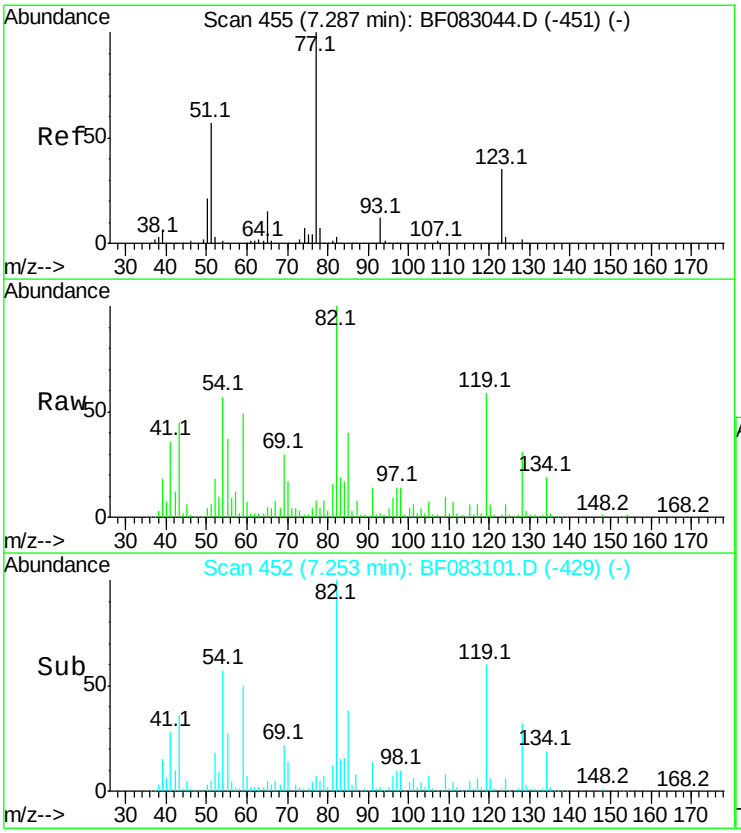
#23
Nitrobenzene-d5
Concen: 83.25 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 899896

Ion	Ratio	Lower	Upper
82	100		
128	35.8	33.1	49.7
54	51.4	39.8	59.6

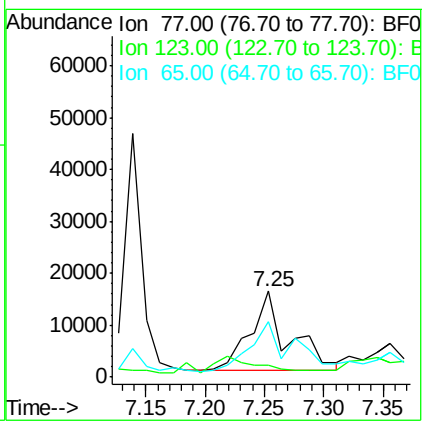


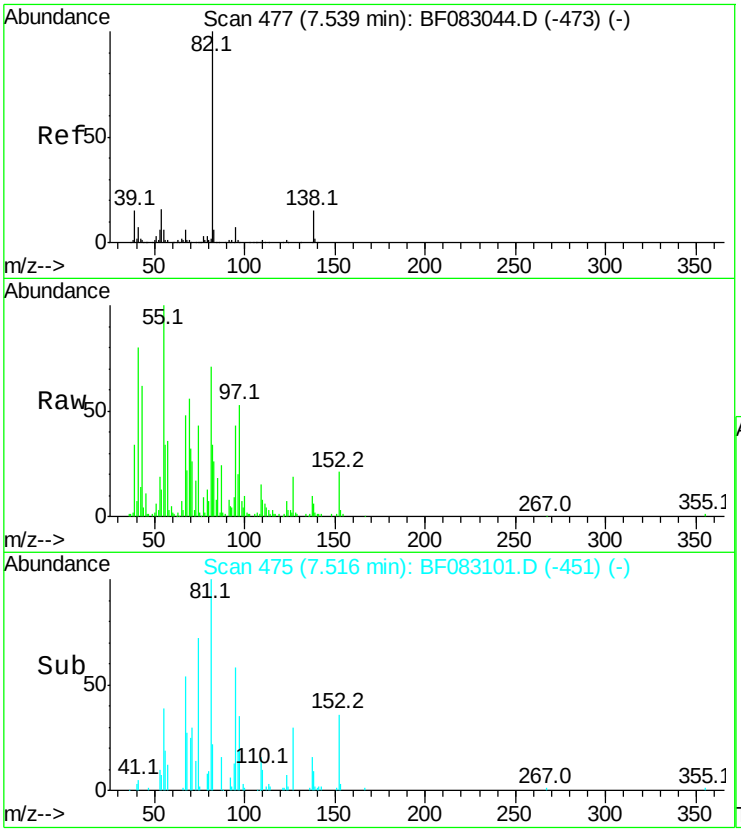


#24
Nitrobenzene
Concen: 3.11 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion: 77 Resp: 33911

Ion	Ratio	Lower	Upper
77	100		
123	13.5	28.2	42.4#
65	64.7	11.8	17.8#



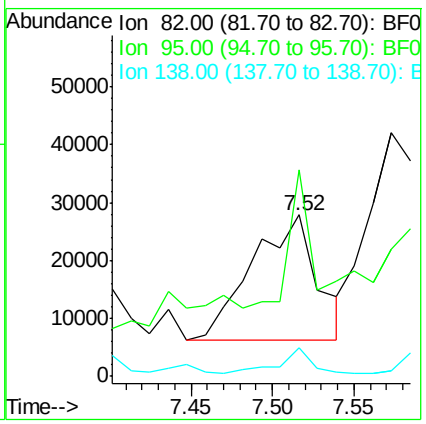


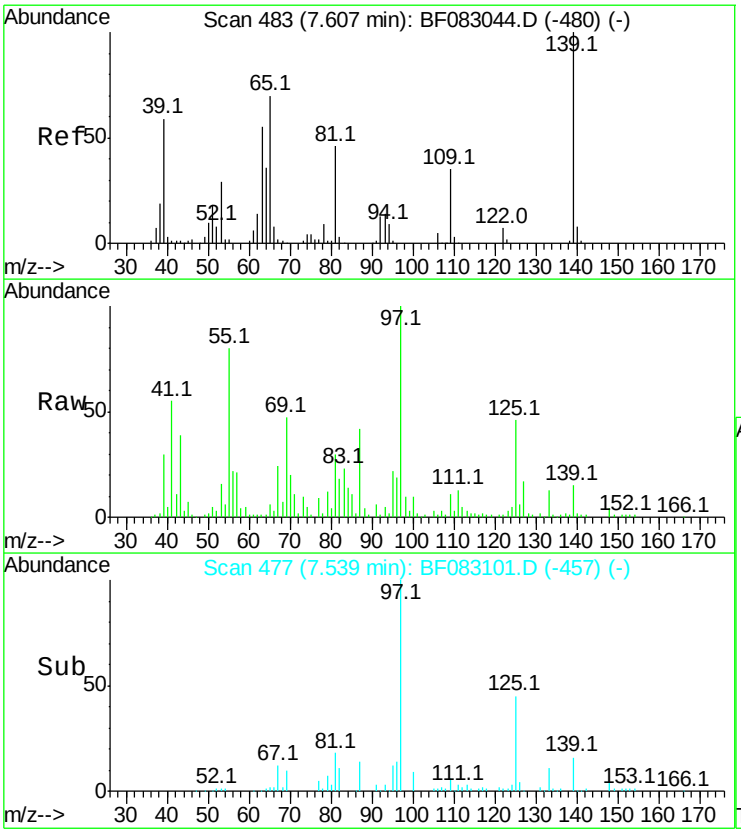
#25
Isophorone
Concen: 2.96 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 60289

Ion	Ratio	Lower	Upper
82	100		
95	127.7	5.7	8.5#
138	17.7	12.2	18.4

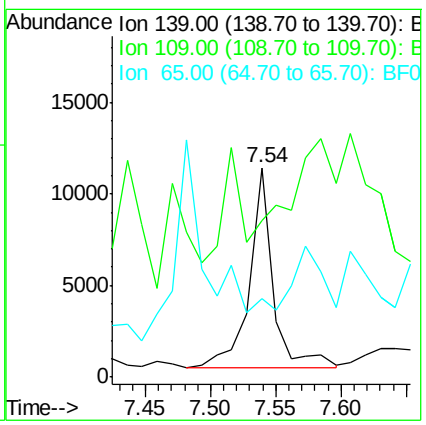


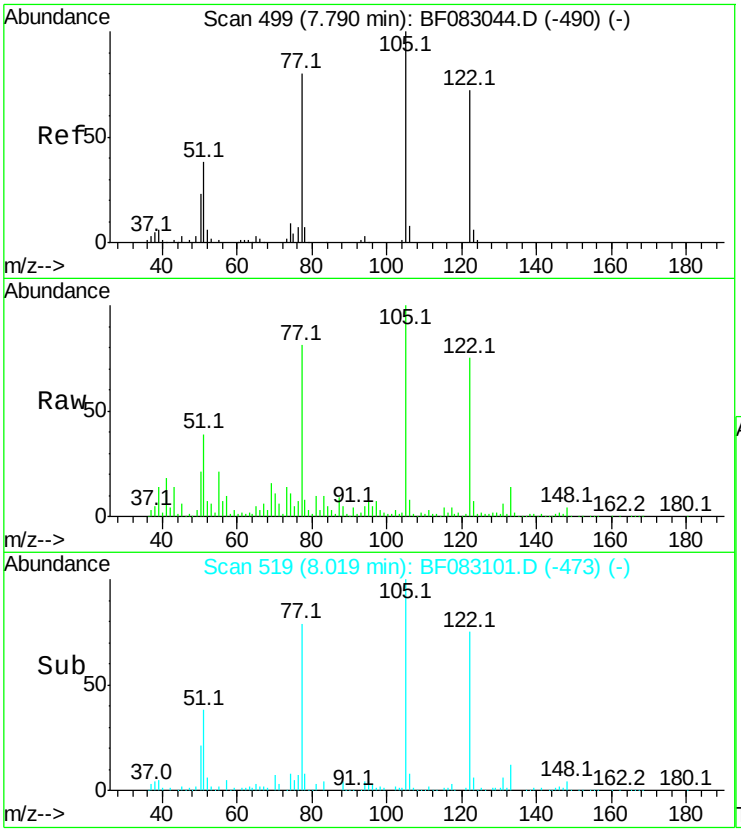


#26
2-Nitrophenol
Concen: 2.92 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.07 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:139 Resp: 13920

Ion	Ratio	Lower	Upper
139	100		
109	74.6	27.8	41.6#
65	37.3	56.4	84.6#



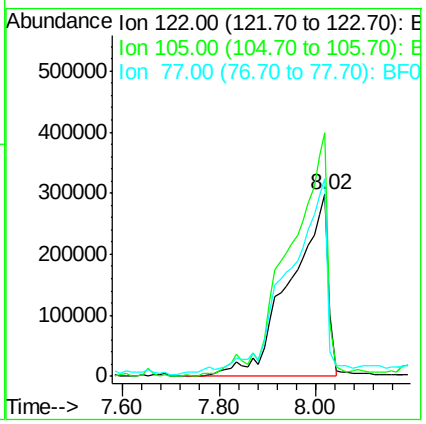


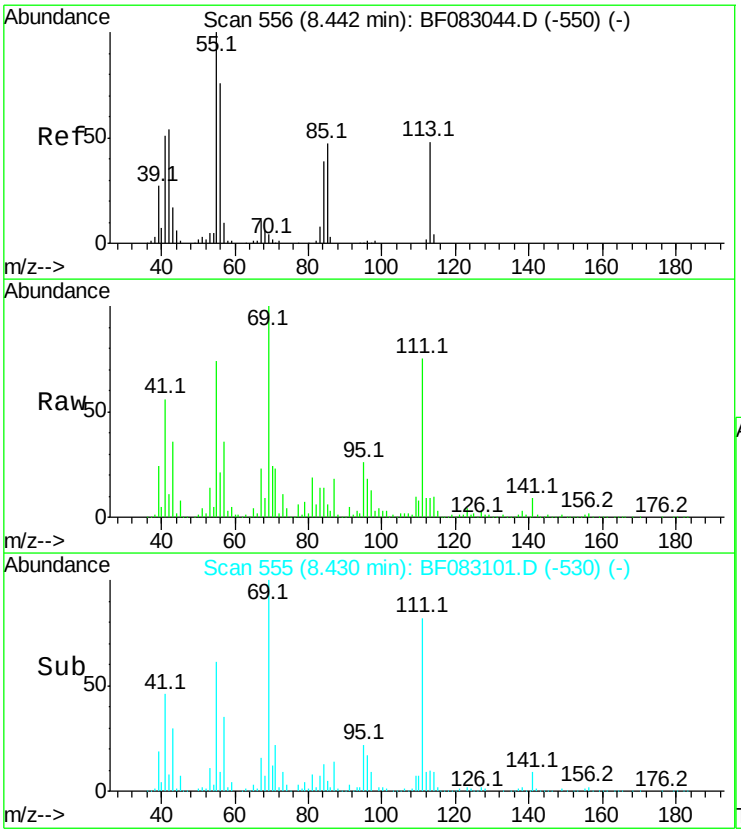
#32
Benzoic acid
Concen: 336.26 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.23 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1611733

Ion	Ratio	Lower	Upper
122	100		
105	134.1	115.0	155.0
77	108.7	89.0	129.0

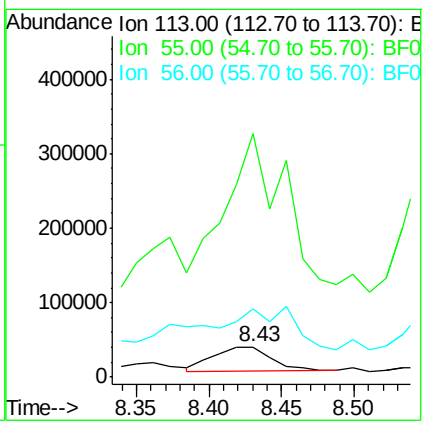


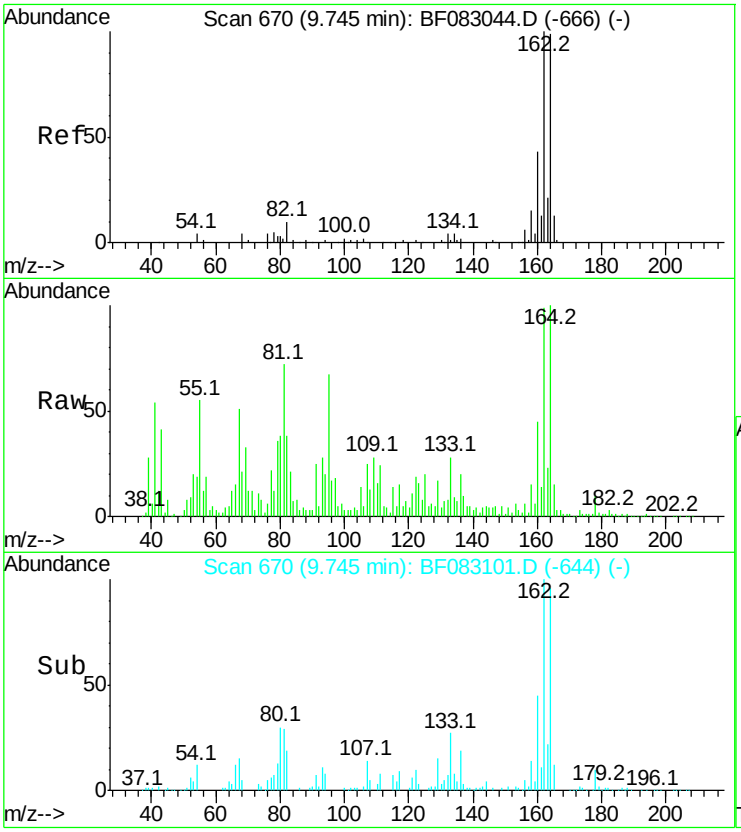


#35
Caprolactam
Concen: 37.69 ng
RT: 8.43 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:113 Resp: 91534

Ion	Ratio	Lower	Upper
113	100		
55	815.2	189.1	229.1#
56	227.8	137.9	177.9#



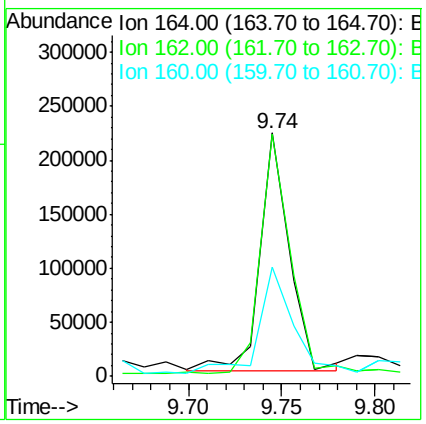


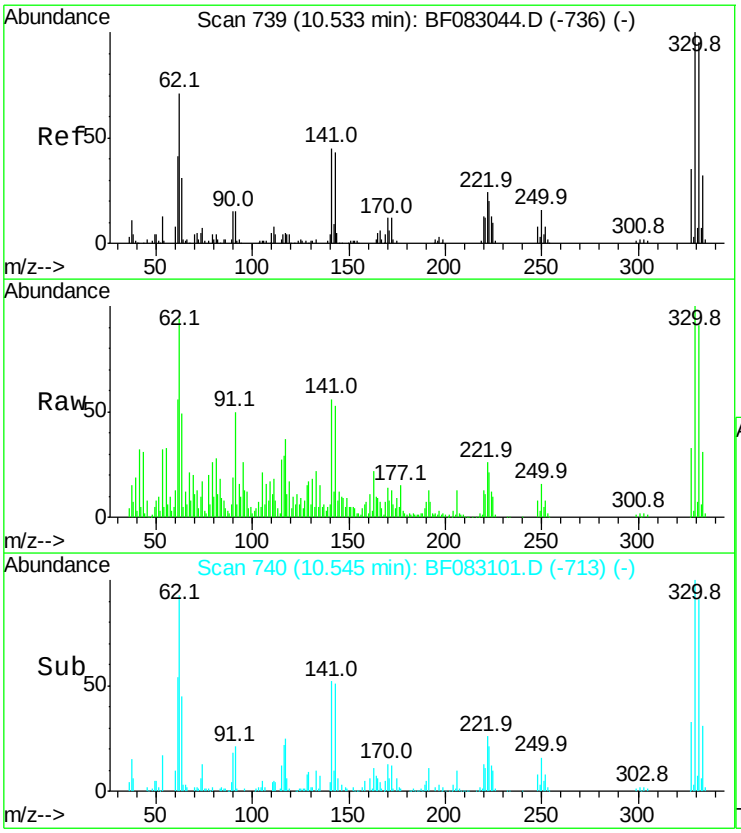
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 240661

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.5	120.7
160	44.8	35.0	52.4

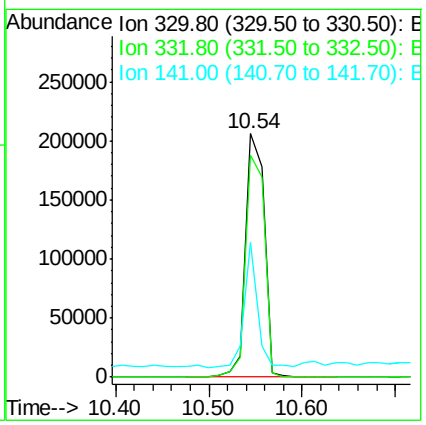


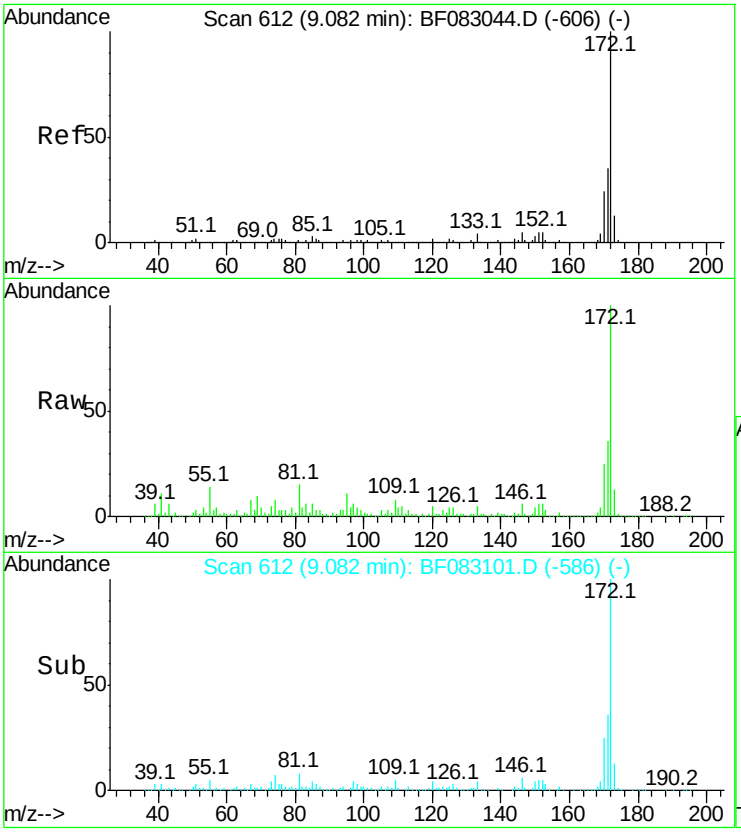


#41
2,4,6-Tribromophenol
Concen: 111.29 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:330 Resp: 284362

Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.6	116.4
141	36.6	34.6	52.0



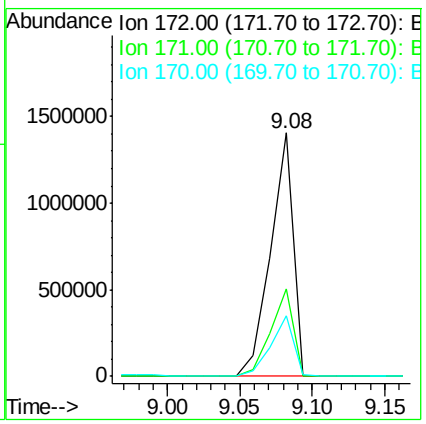


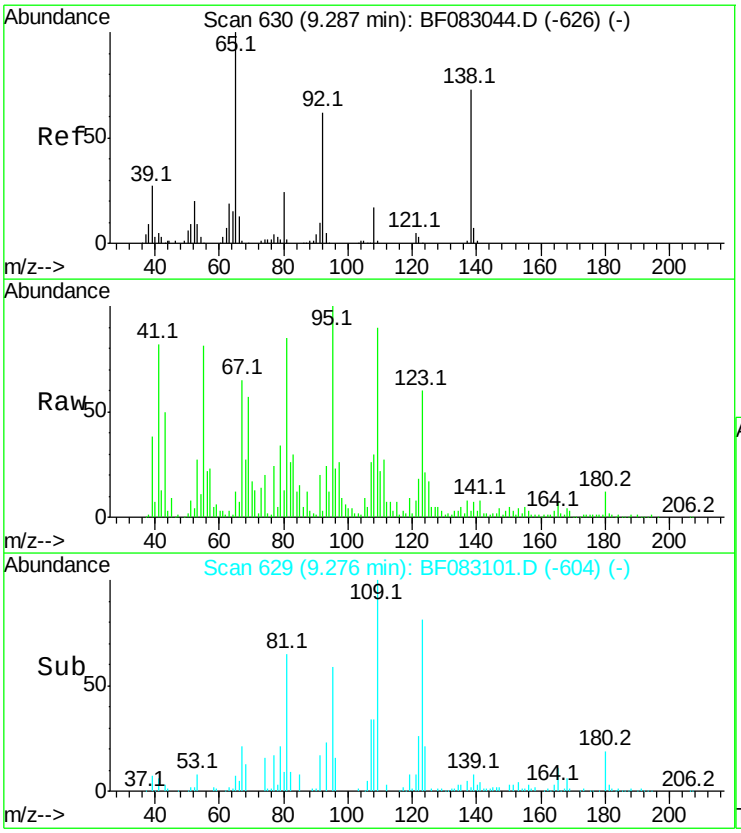
#44
2-Fluorobiphenyl
Concen: 85.17 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1521892

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	24.9	19.4	29.0

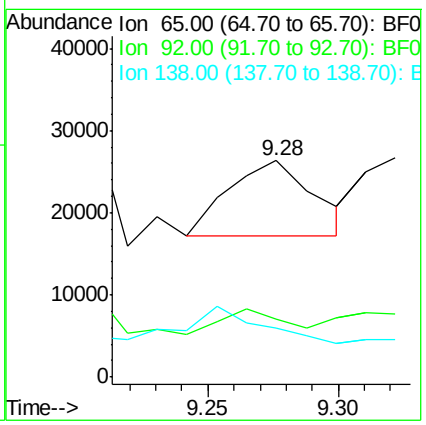


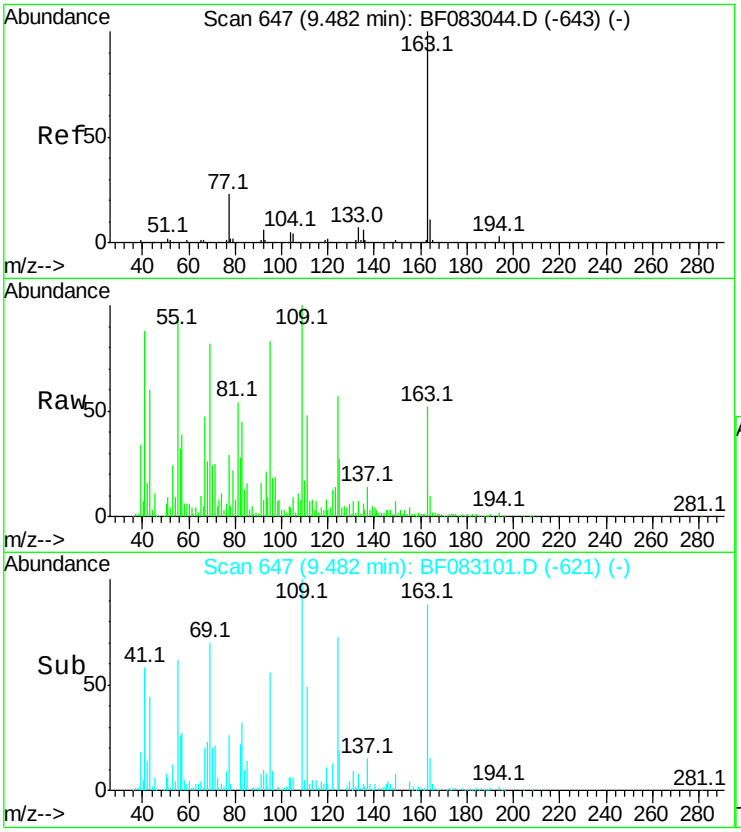


#47
2-Nitroaniline
Concen: 3.44 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion: 65 Resp: 20892

Ion	Ratio	Lower	Upper
65	100		
92	27.0	49.6	74.4#
138	22.8	58.8	88.2#



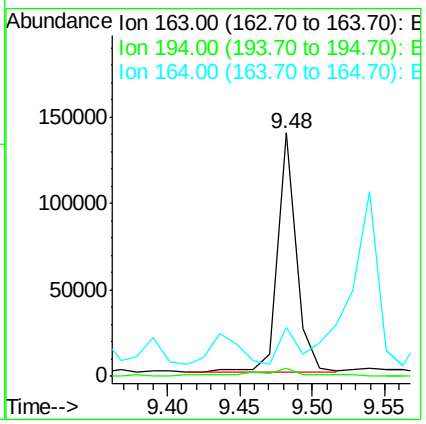


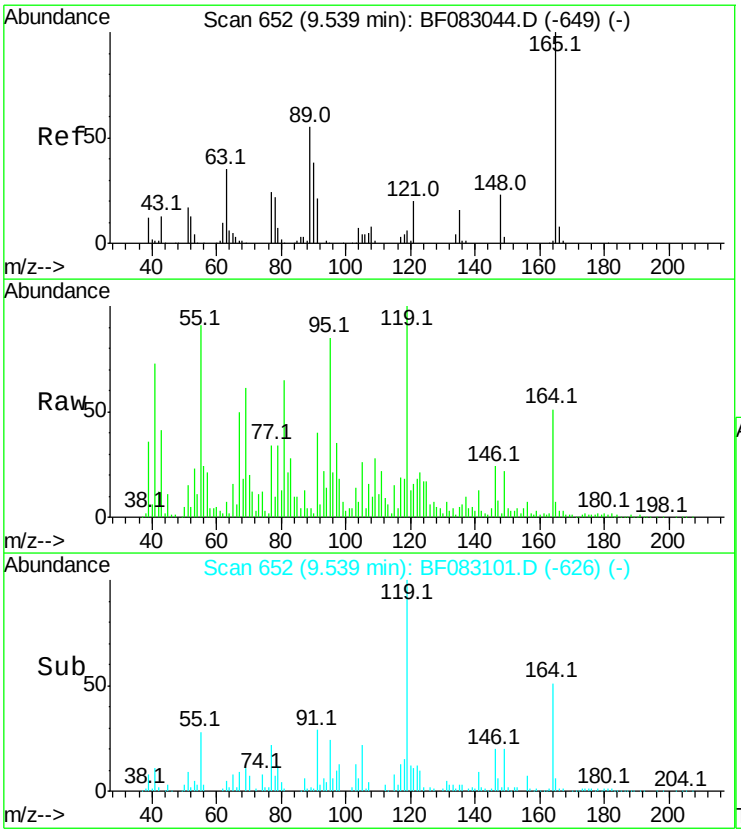
#49
Dimethylphthalate
Concen: 6.38 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 126398

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	20.1	8.5	12.7#

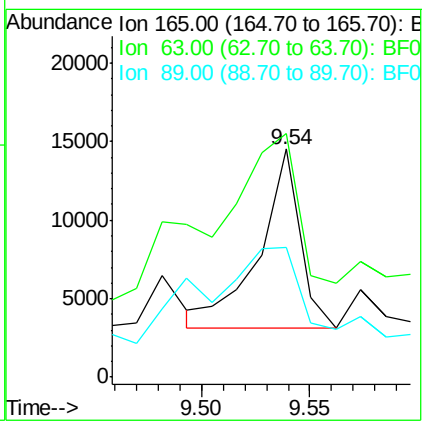


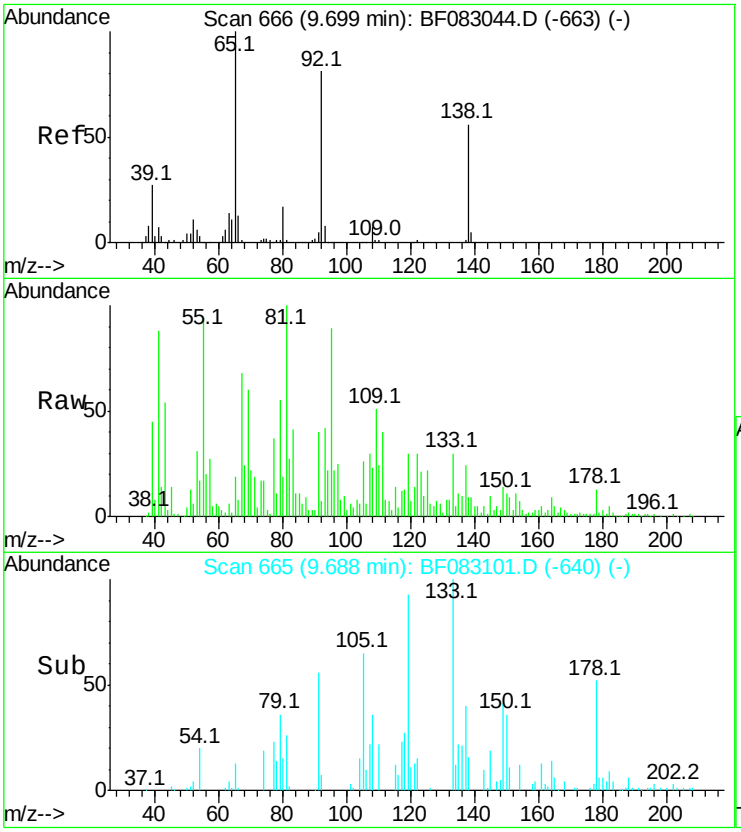


#50
2,6-Dinitrotoluene
Concen: 3.51 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:165 Resp: 14990

Ion	Ratio	Lower	Upper
165	100		
63	106.9	40.6	61.0#
89	56.8	44.5	66.7



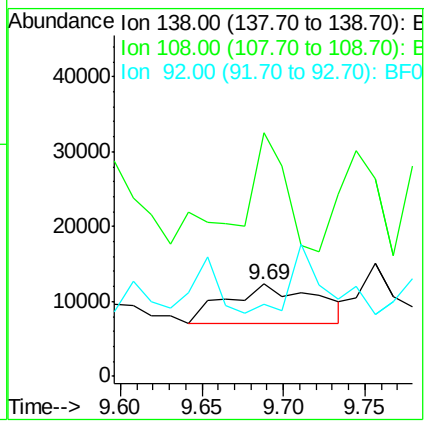


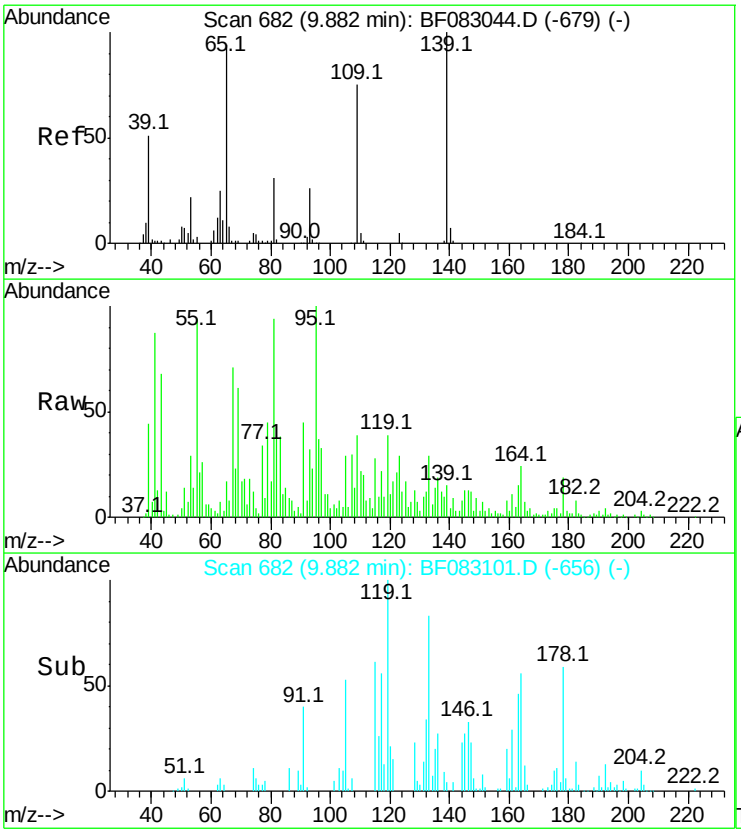
#52
3-Nitroaniline
Concen: 4.08 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 19878

Ion	Ratio	Lower	Upper
138	100		
108	263.5	9.4	14.0#
92	77.9	115.2	172.8#

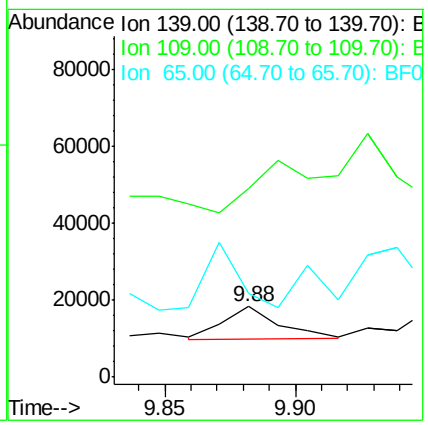


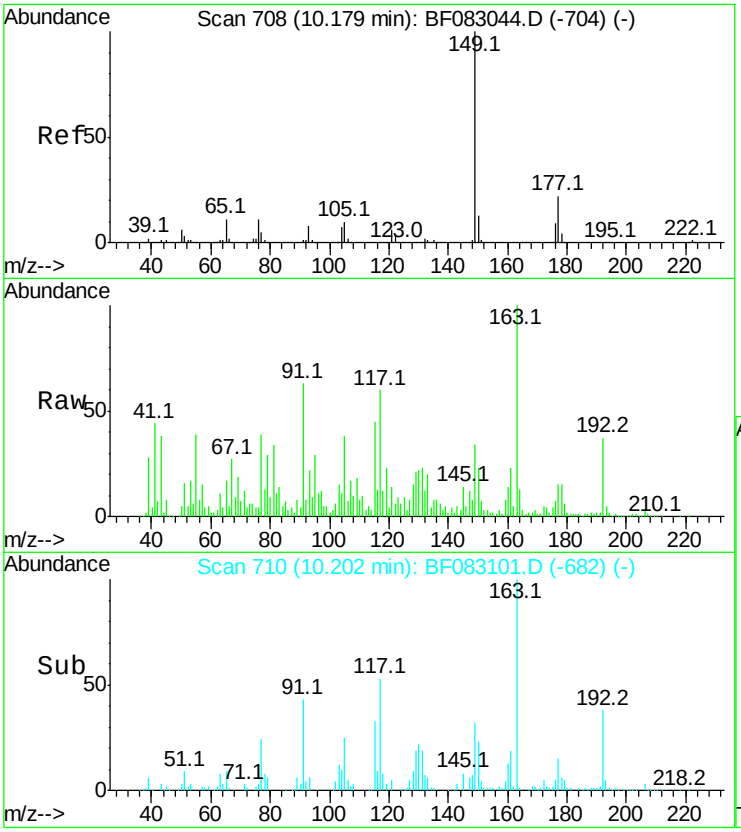


#55
4-Nitrophenol
Concen: 3.69 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:139 Resp: 12327

Ion	Ratio	Lower	Upper
139	100		
109	266.6	54.6	94.6#
65	118.6	74.4	114.4#



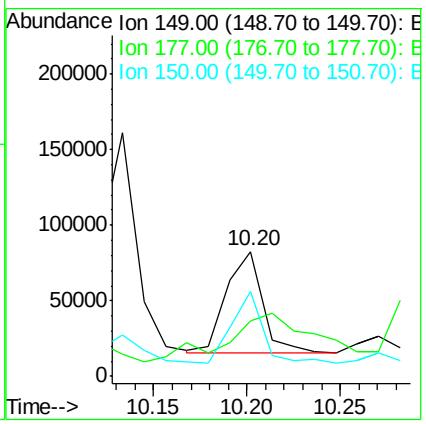


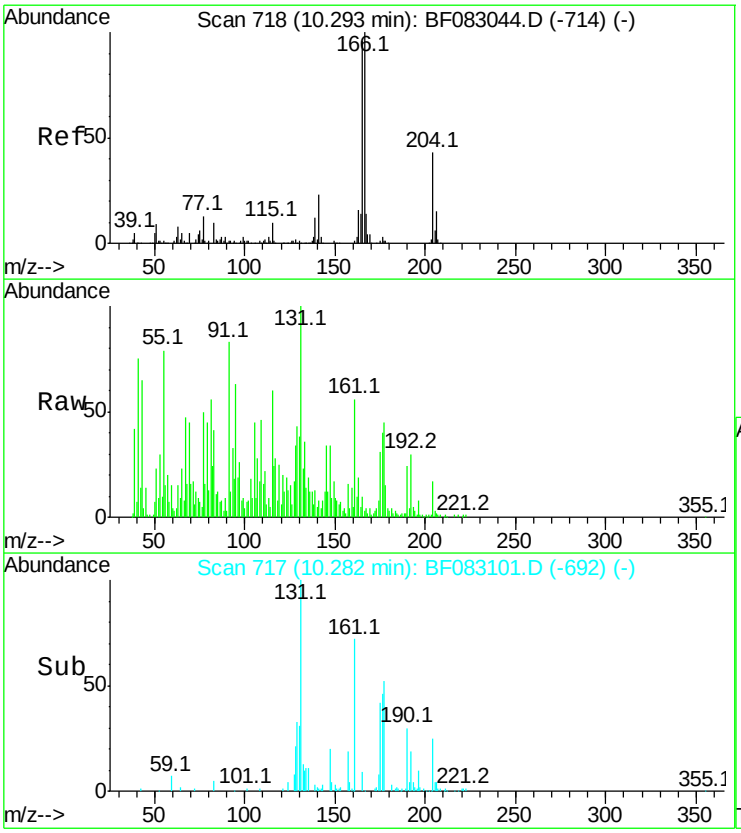
#59
Diethylphthalate
Concen: 4.75 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.02 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 91849

Ion	Ratio	Lower	Upper
149	100		
177	44.9	17.4	26.2#
150	68.0	10.2	15.2#

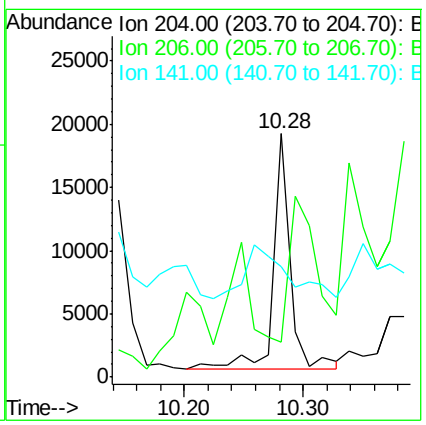


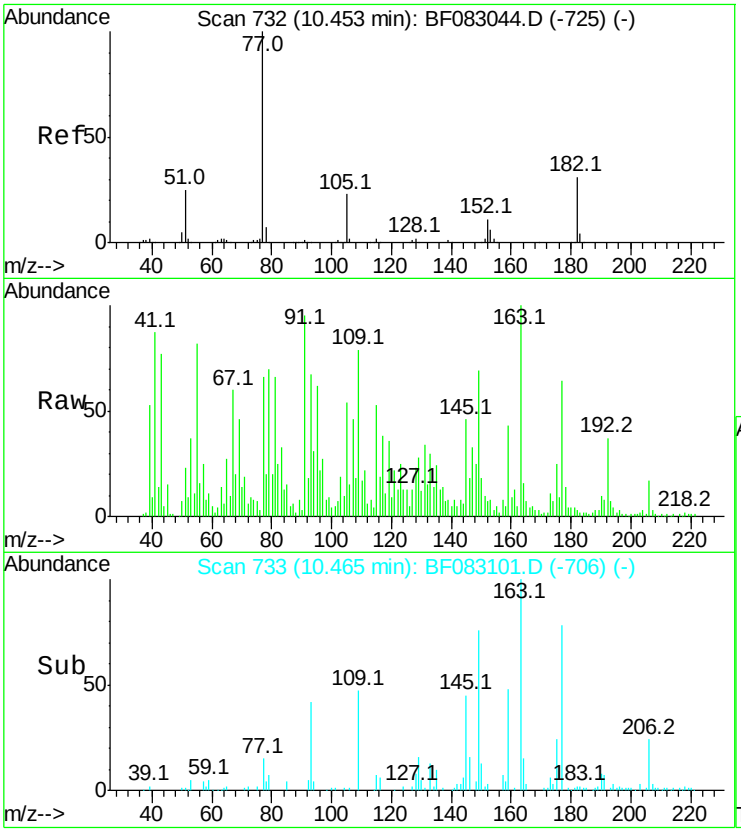


#60
4-Chlorophenyl-phenylether
Concen: 2.14 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:204 Resp: 18148

Ion	Ratio	Lower	Upper
204	100		
206	14.3	28.2	42.4#
141	45.3	41.8	62.8



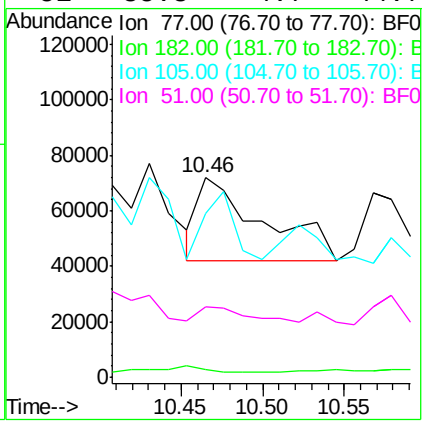


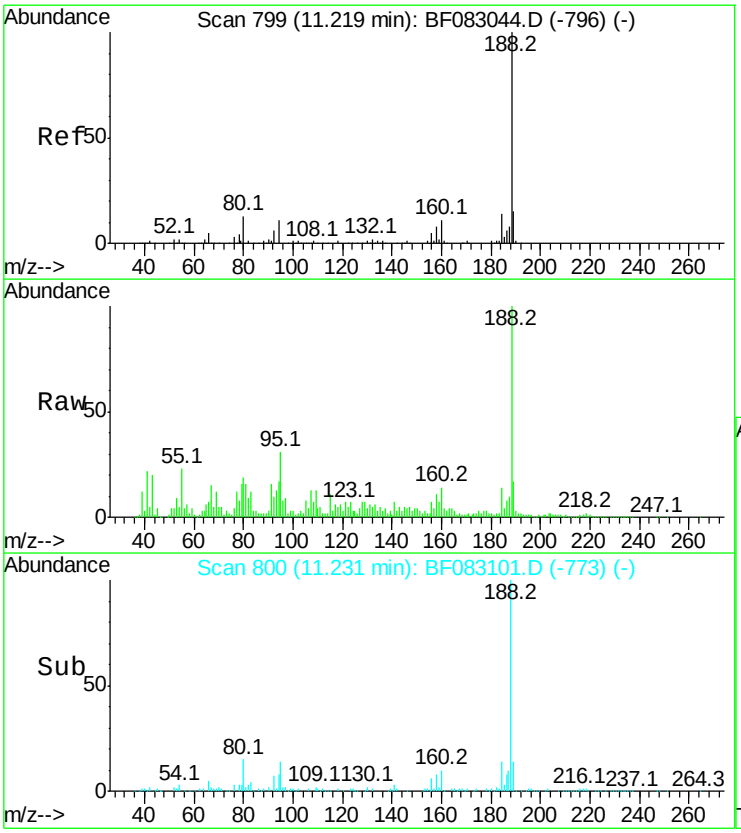
#62
Azobenzene
Concen: 3.78 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 81861

Ion	Ratio	Lower	Upper
77	100		
182	4.0	10.8	50.8#
105	82.2	3.4	43.4#
51	35.3	4.7	44.7

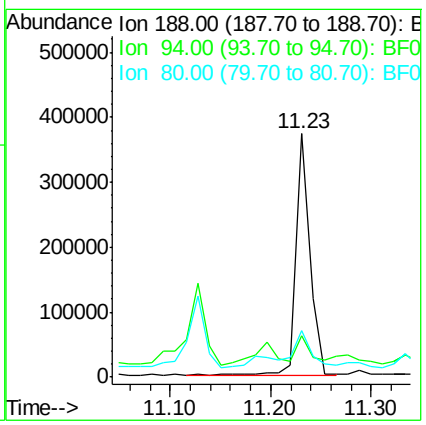


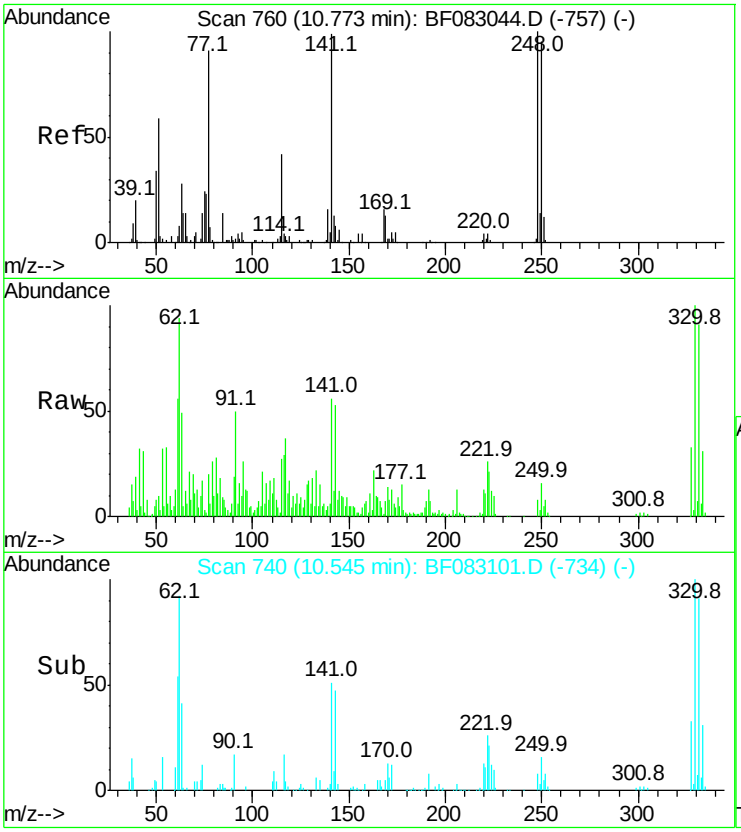


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:188 Resp: 355003

Ion	Ratio	Lower	Upper
188	100		
94	17.1	9.0	13.4#
80	19.3	10.2	15.4#



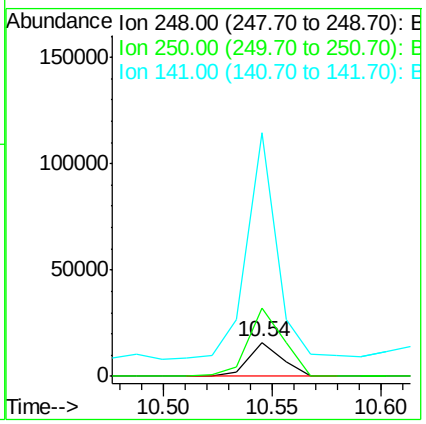


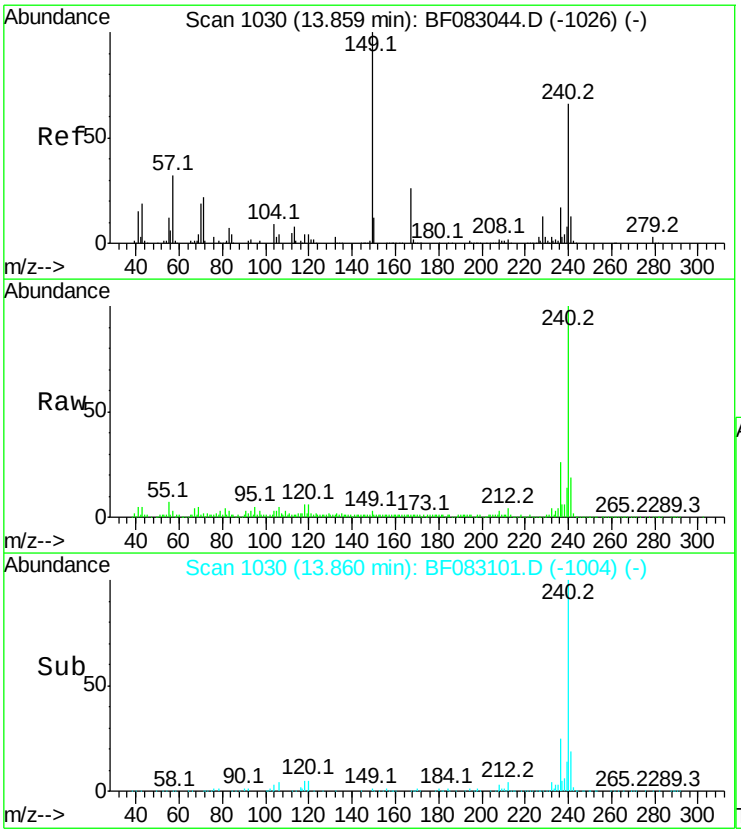
#66
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.23 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17342

Ion	Ratio	Lower	Upper
248	100		
250	198.9	76.1	114.1#
141	710.3	79.2	118.8#

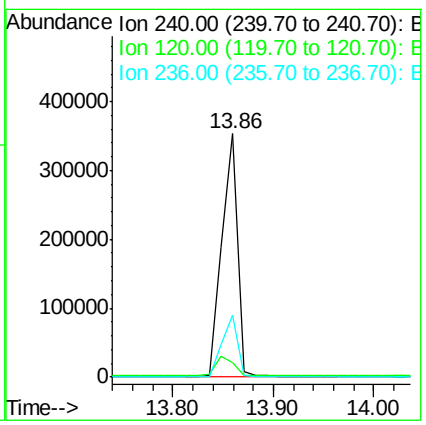


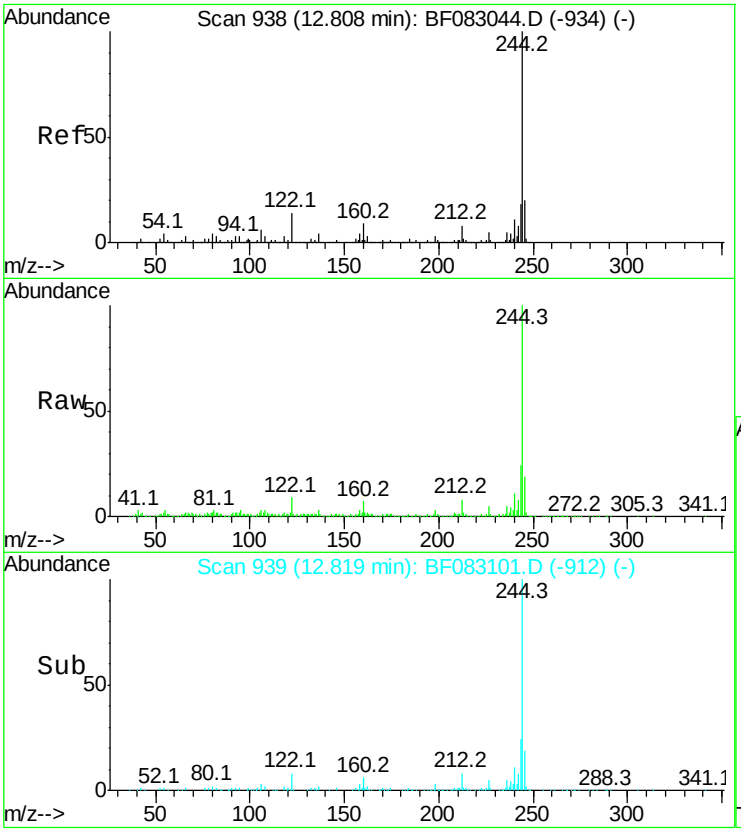


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:240 Resp: 382608

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.3	7.9
236	25.5	20.4	30.6



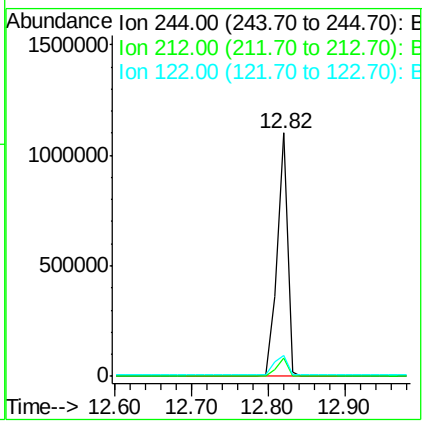


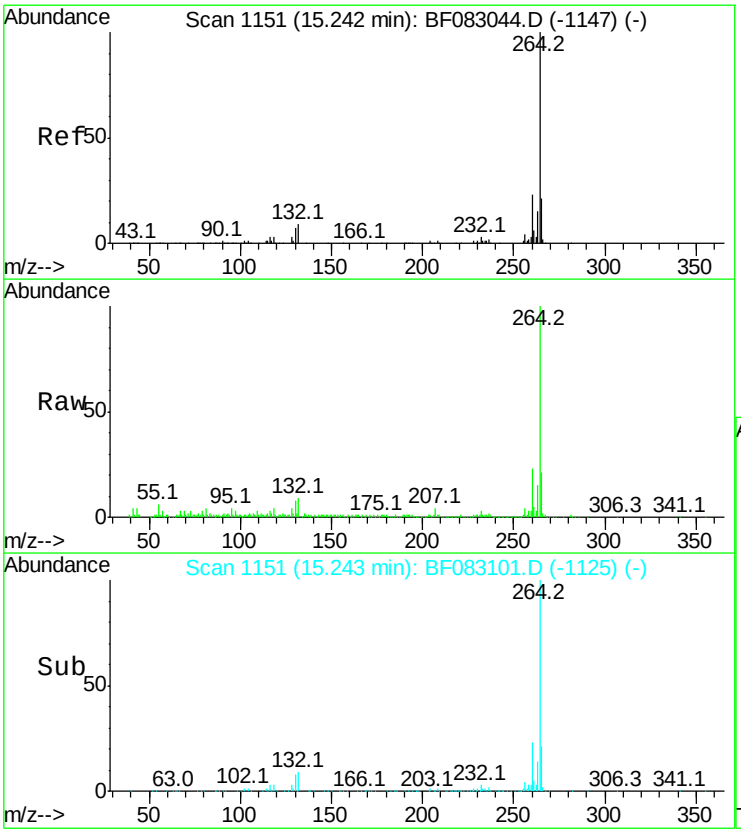
#78
Terphenyl-d14
Concen: 63.13 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1023179

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	8.5	10.9	16.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Tgt Ion:264 Resp: 294055

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.3	17.0	25.6