Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078932.D
Acq On : 5 May 2015 10:06
Operator : TP/IZ
Sample : G2035-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-D2

Quant Time: May 06 01:17:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 00:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71108	20.00	ng		0.00
21) Naphthalene-d8	8.94	136	289812	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	144267	20.00	ng		0.00
63) Phenanthrene-d10	12.96	188	274139	20.00	ng		0.00
75) Chrysene-d12	16.27	240	292650	20.00	ng		0.00
86) Perylene-d12	18.10	264	314283	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	440088	106.54	ng		0.01
7) Phenol-d6	6.90	99	561565	102.84	ng		0.00
23) Nitrobenzene-d5	8.04	82	329473	65.34	ng		0.00
41) 2,4,6-Tribromophenol	12.09	330	152501	97.71	ng		0.00
44) 2-Fluorobiphenyl	10.28	172	536254	51.79	ng		0.00
78) Terphenyl-d14	14.96	244	621670	50.86	ng		0.01
Target Compounds							Qvalue
31) Naphthalene	8.96	128	44958	3.26	ng		99
37) 2-Methylnaphthalene	9.82	142	50127	5.24	ng		98
49) Dimethylphthalate	10.79	163	32076	3.03	ng	#	86
70) Phenanthrene	12.98	178	31756	2.07	ng	#	80
83) Bis(2-ethylhexyl)phthalate	16.32	149	62053	5.56	ng		99

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

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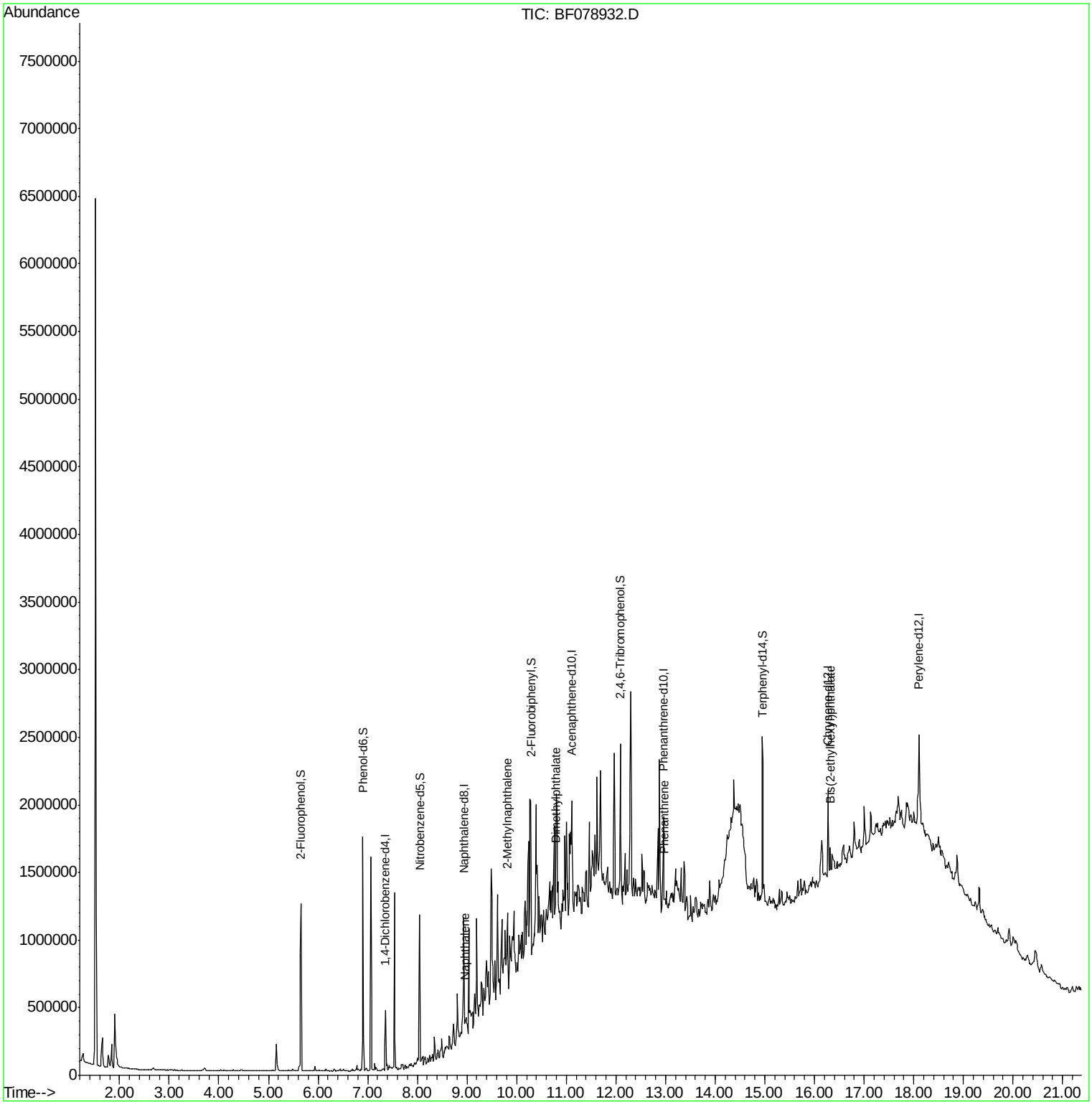
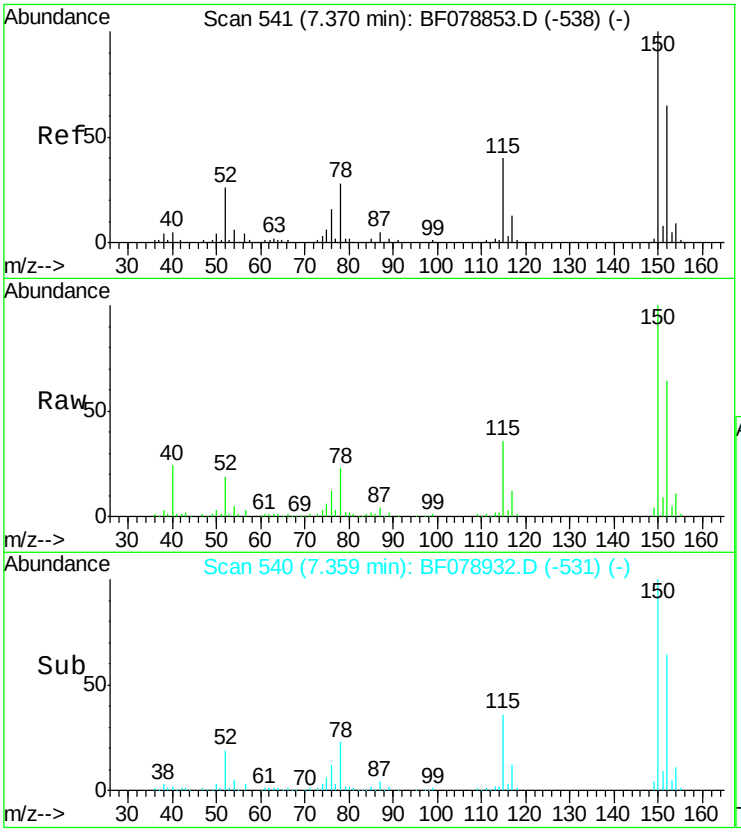


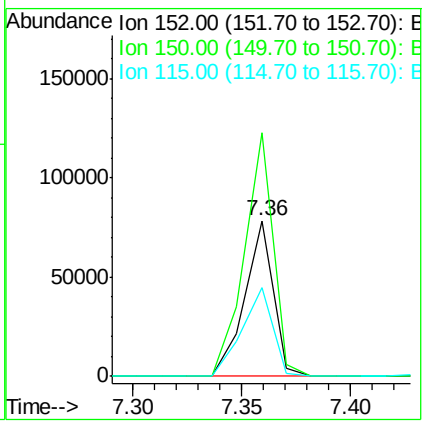


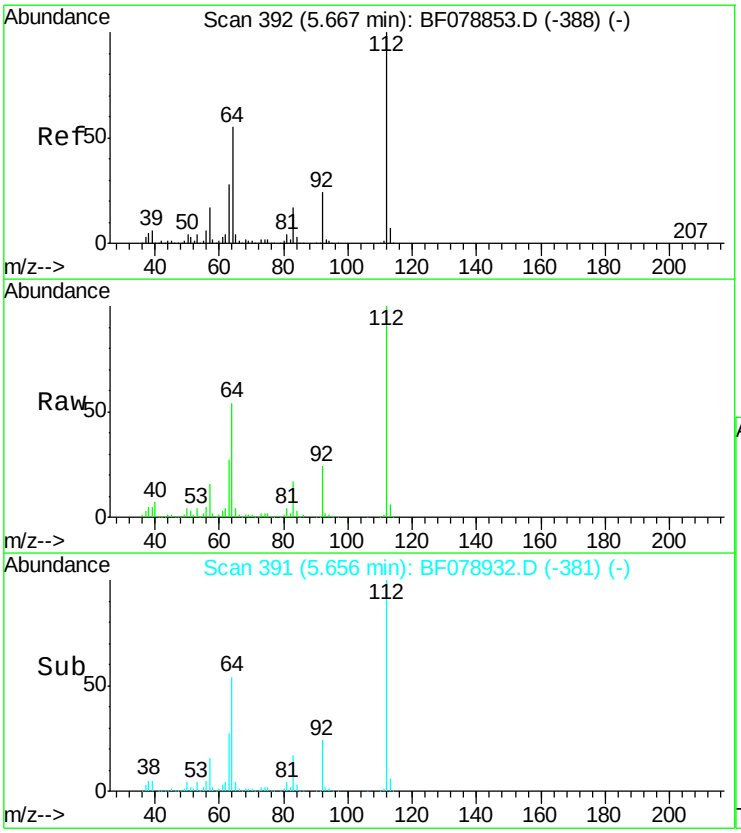
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:152 Resp: 71108

Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.0	183.0
115	56.9	46.3	69.5

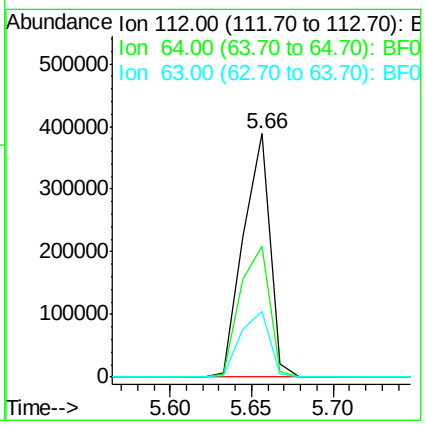


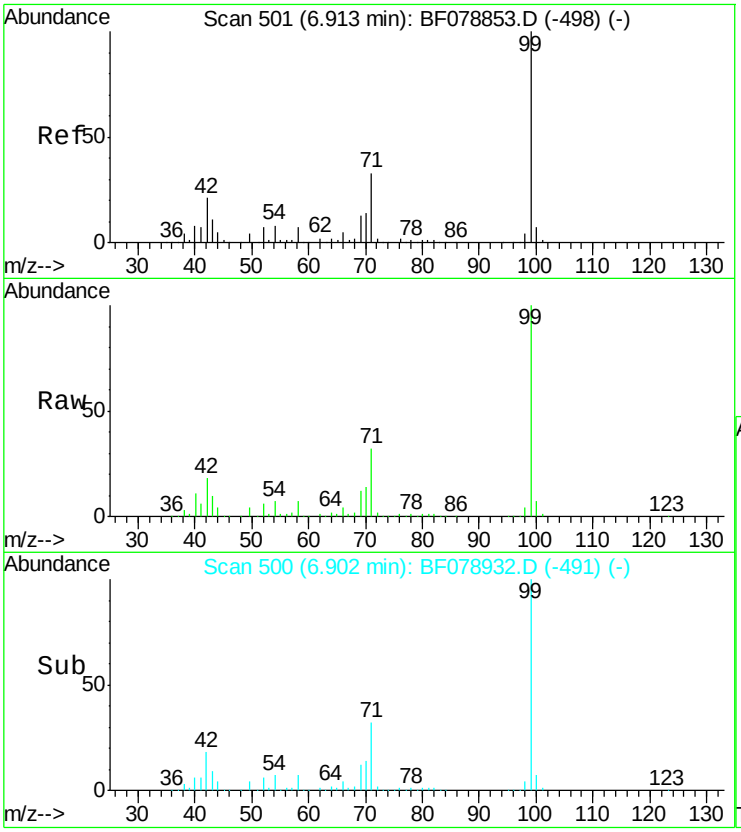


#5
2-Fluorophenol
Concen: 106.54 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:112 Resp: 440088

Ion	Ratio	Lower	Upper
112	100		
64	53.8	53.5	80.3
63	26.9	27.5	41.3#



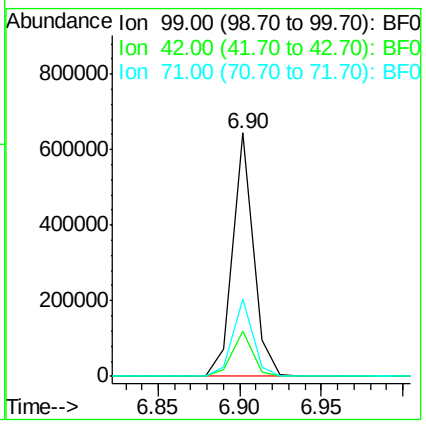


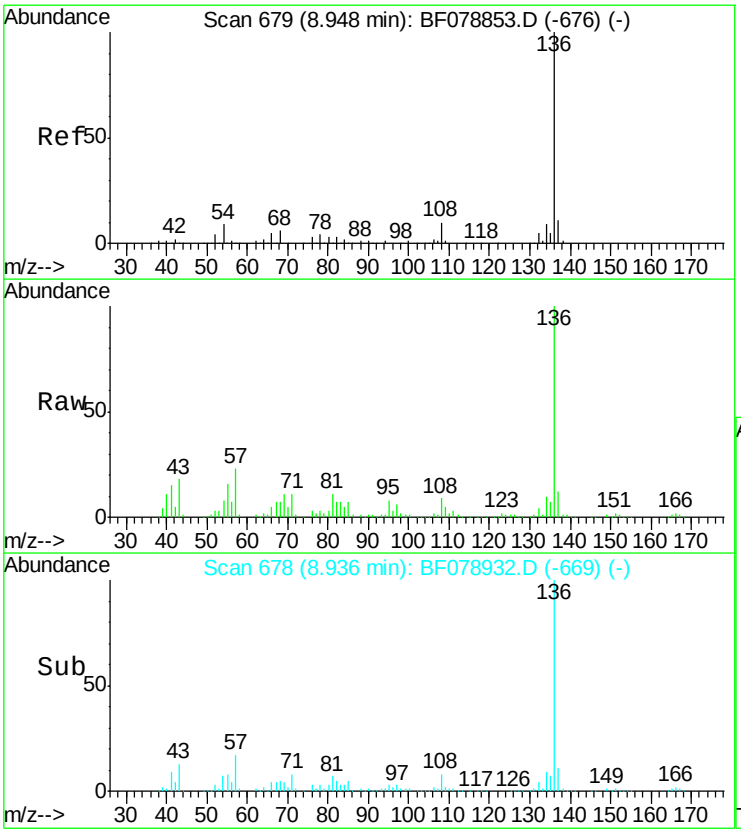
#7
Phenol-d6
Concen: 102.84 ng
RT: 6.90 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 99 Resp: 561565

Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.8	19.2
71	31.6	23.4	35.2

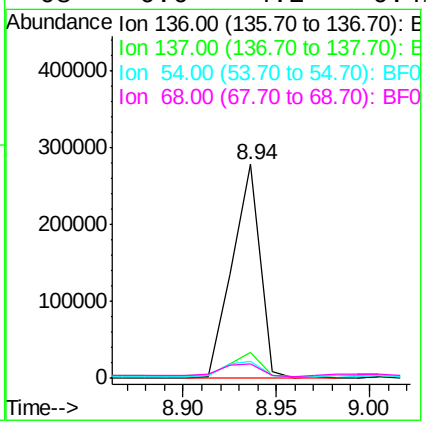


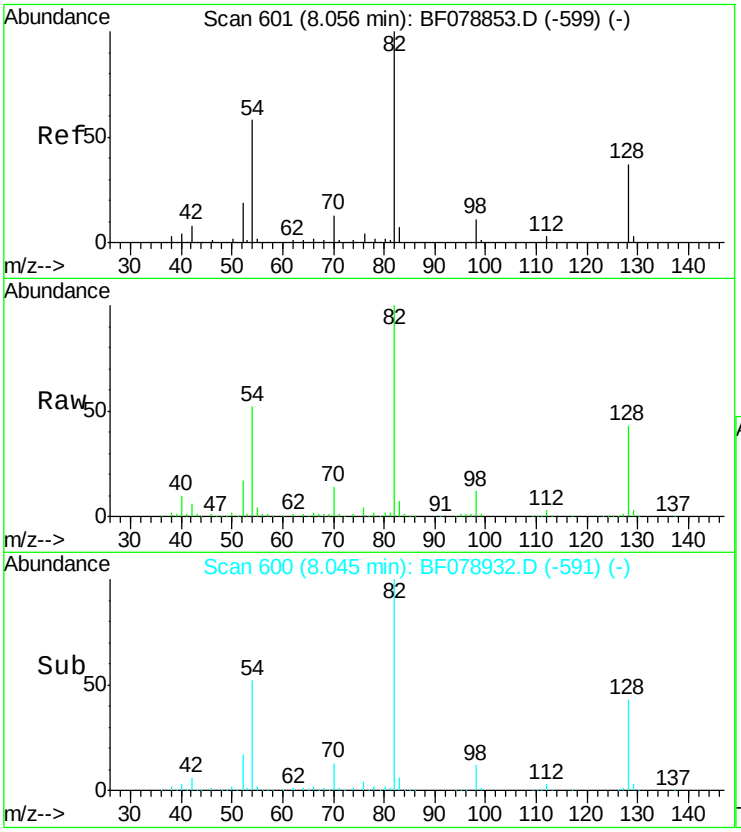


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:136 Resp: 289812

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	7.8	5.8	8.8
68	6.6	4.2	6.4#



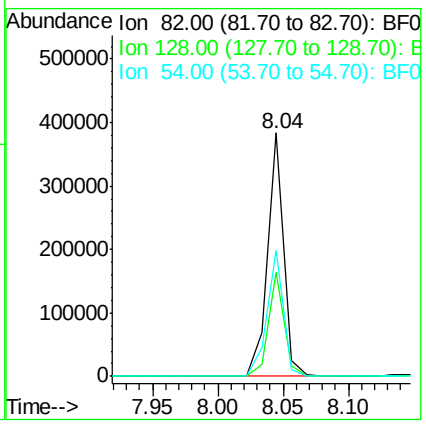


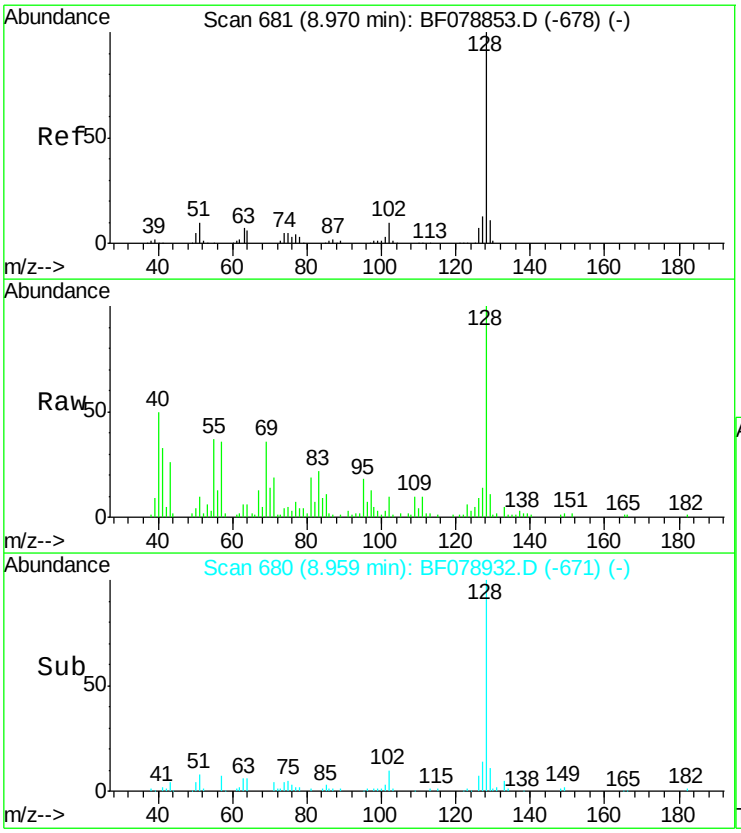
#23
Nitrobenzene-d5
Concen: 65.34 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion: 82 Resp: 329473

Ion	Ratio	Lower	Upper
82	100		
128	43.0	30.0	45.0
54	51.9	46.4	69.6

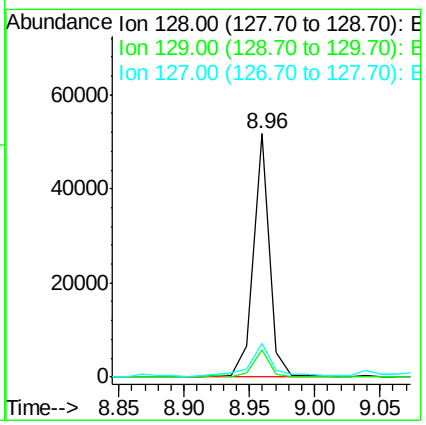


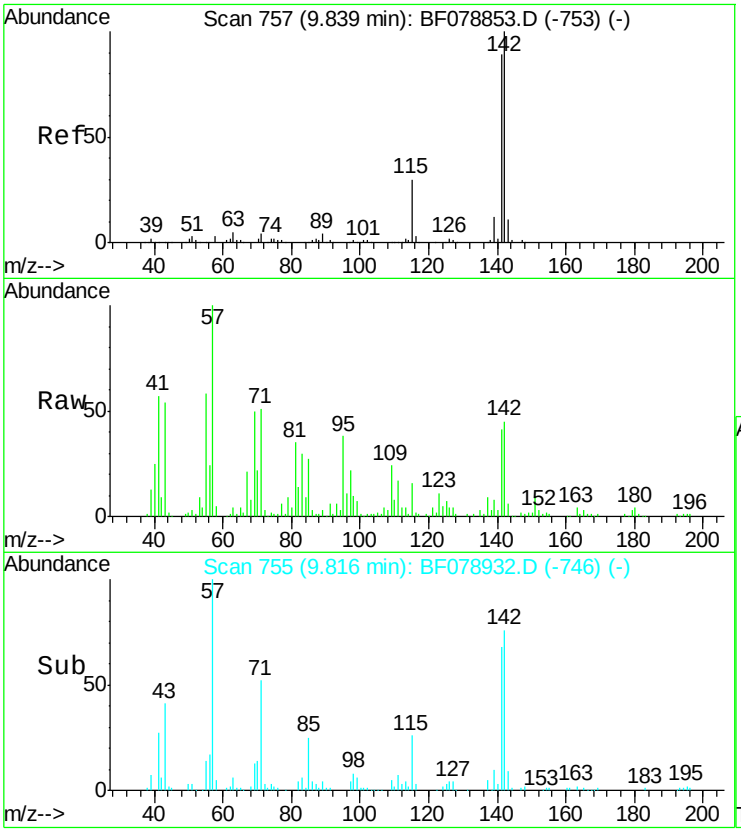


#31
Naphthalene
Concen: 3.26 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:128 Resp: 44958

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.9	10.7	16.1



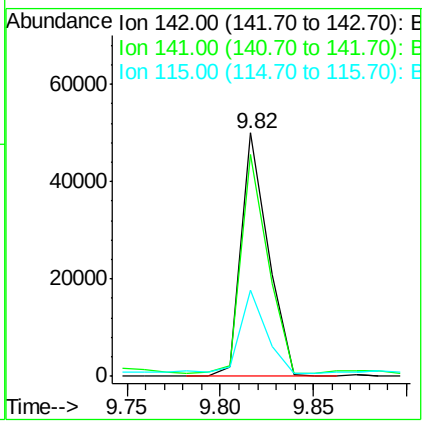


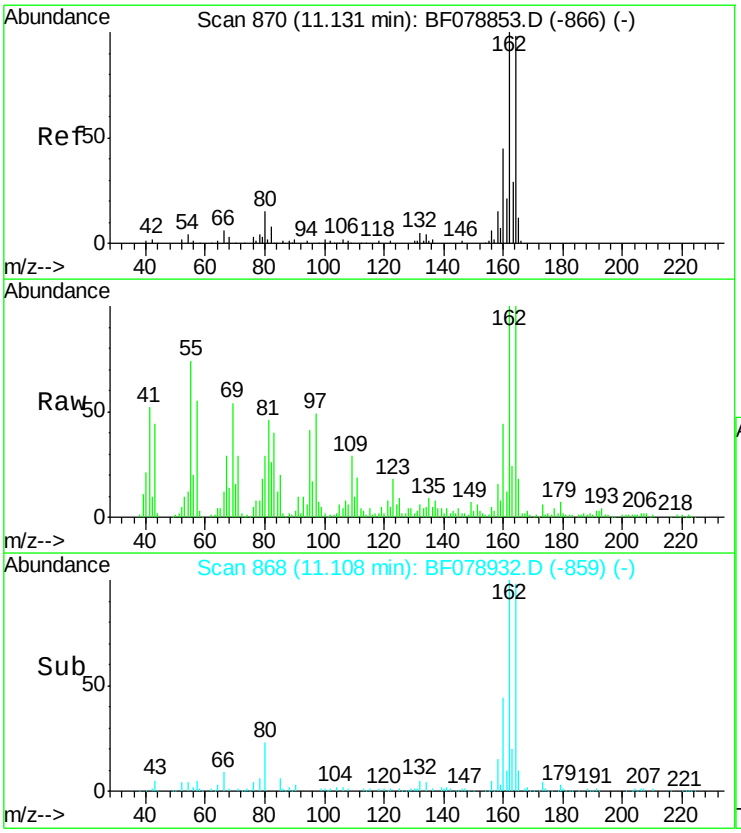
#37
2-Methylnaphthalene
Concen: 5.24 ng
RT: 9.82 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:142 Resp: 50127

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.9	106.3
115	35.6	28.5	42.7

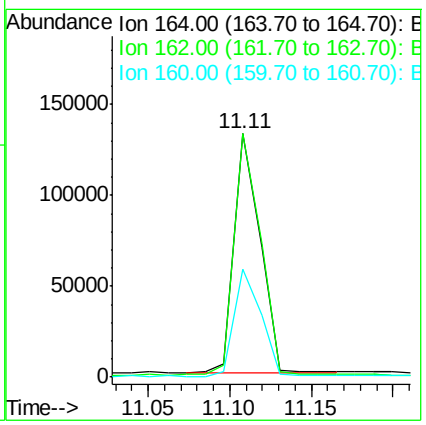


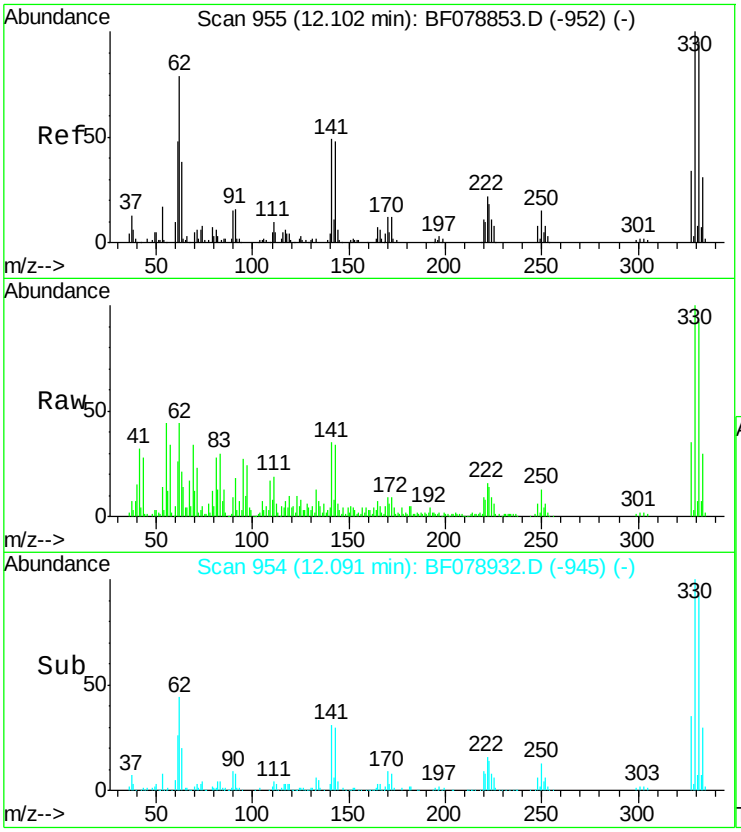


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:164 Resp: 144267

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.7	124.1
160	44.2	35.8	53.8



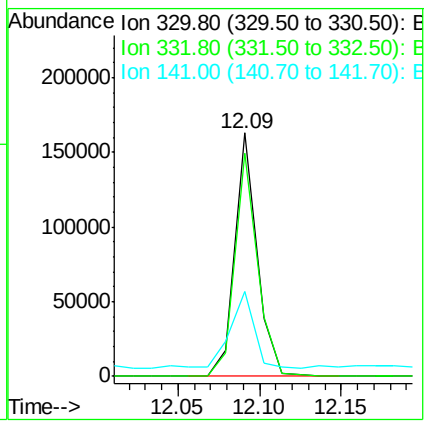


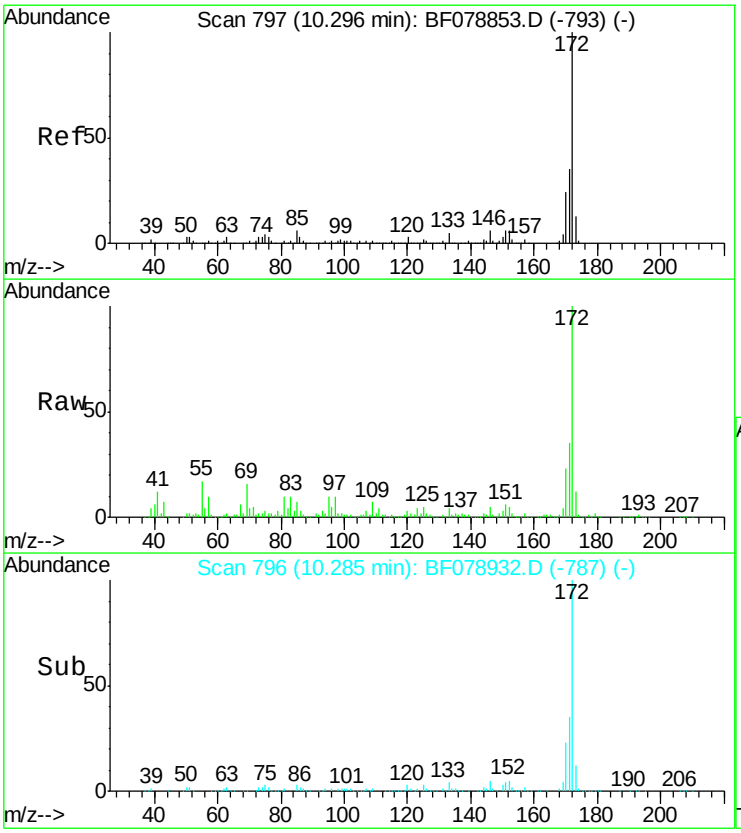
#41
2,4,6-Tribromophenol
Concen: 97.71 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:330 Resp: 152501

Ion	Ratio	Lower	Upper
330	100		
332	93.8	0.0	0.0#
141	35.0	0.0	0.0#

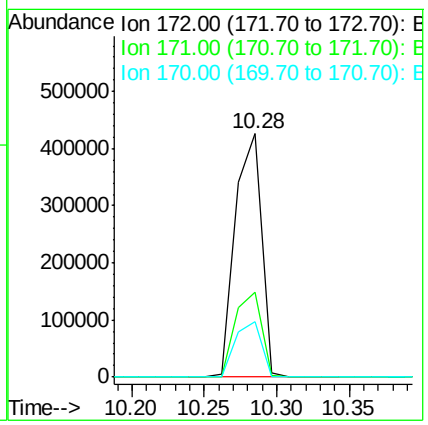


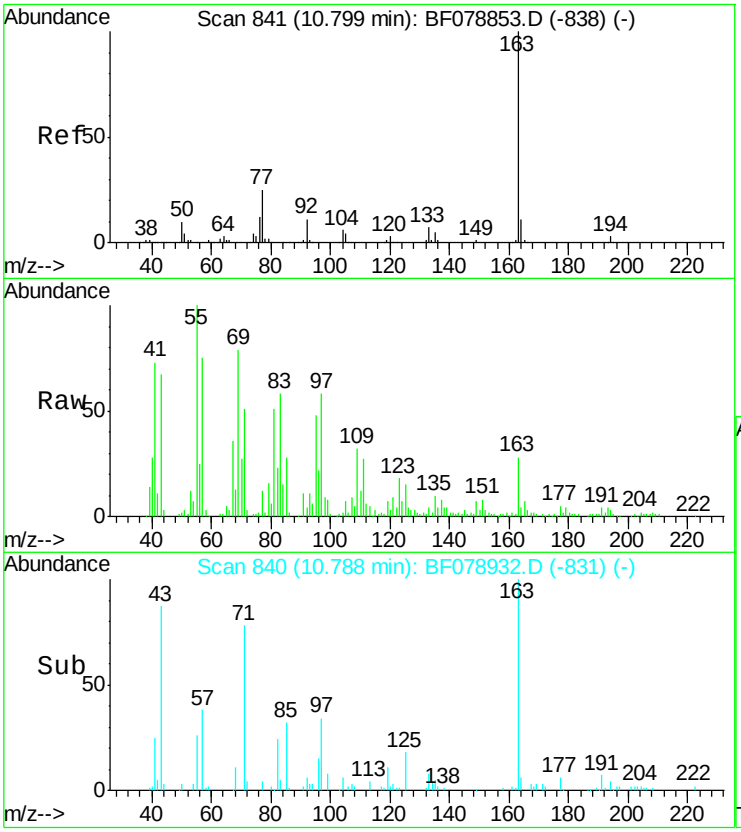


#44
2-Fluorobiphenyl
Concen: 51.79 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:172 Resp: 536254

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	22.8	19.4	29.0



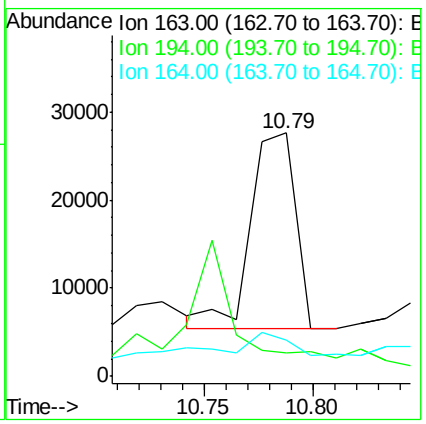


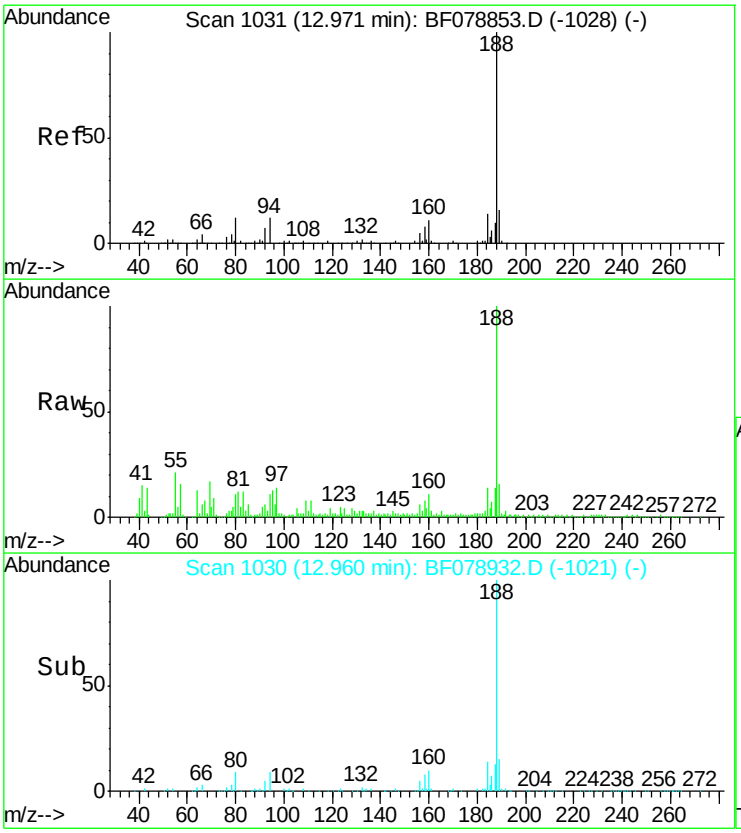
#49
Dimethylphthalate
Concen: 3.03 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:163 Resp: 32076

Ion	Ratio	Lower	Upper
163	100		
194	9.7	2.6	4.0#
164	14.8	8.1	12.1#

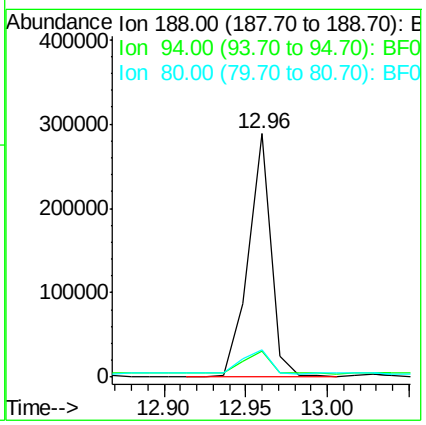


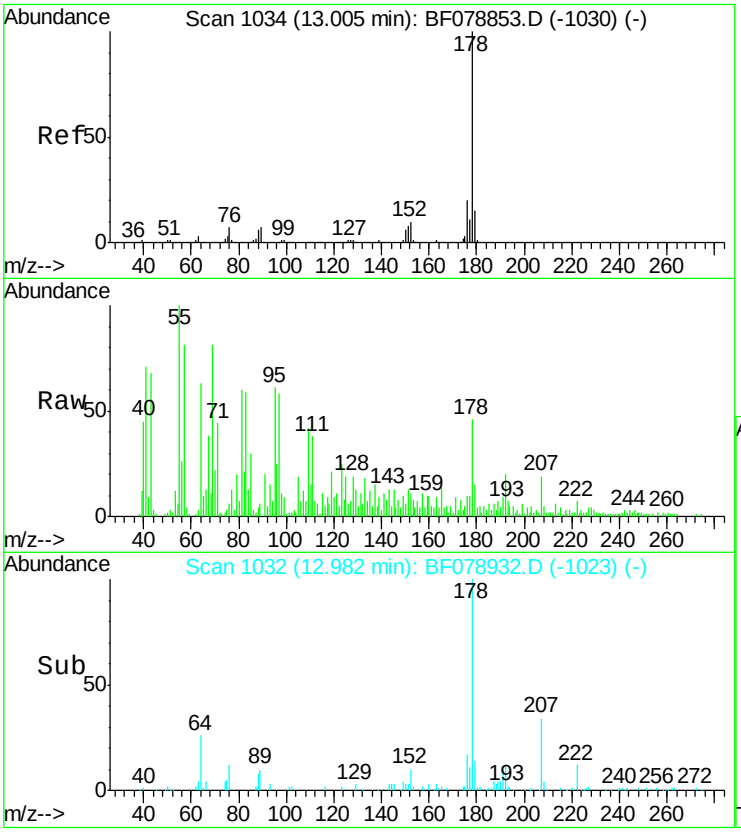


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:188 Resp: 274139

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.2
80	11.0	8.9	13.3



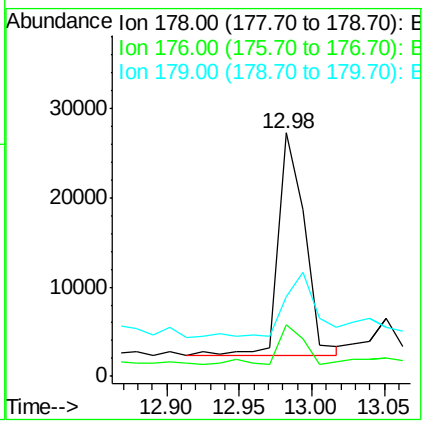


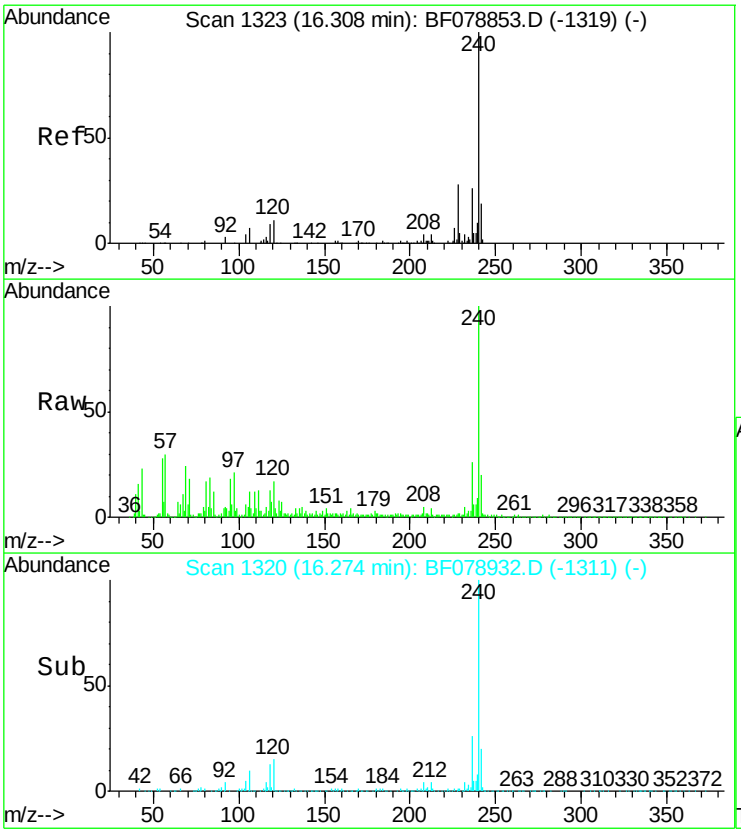
#70
Phenanthrene
Concen: 2.07 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:178 Resp: 31756

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	32.9	12.5	18.7#

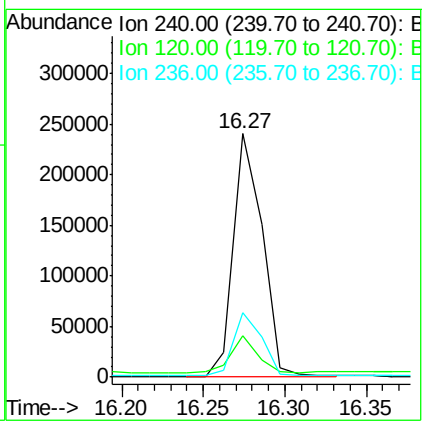


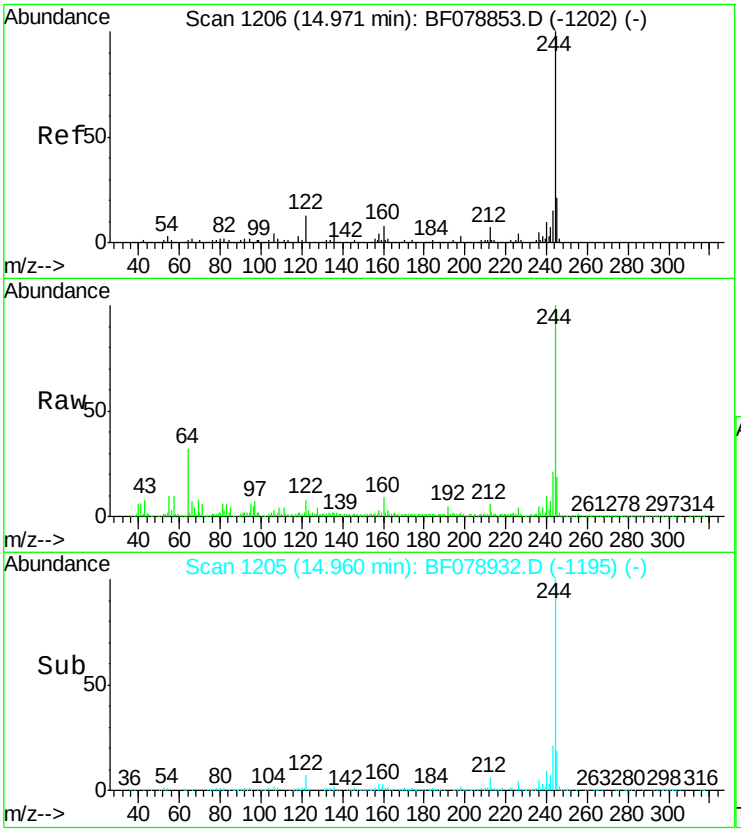


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:240 Resp: 292650

Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.7	14.5#
236	26.3	20.2	30.4



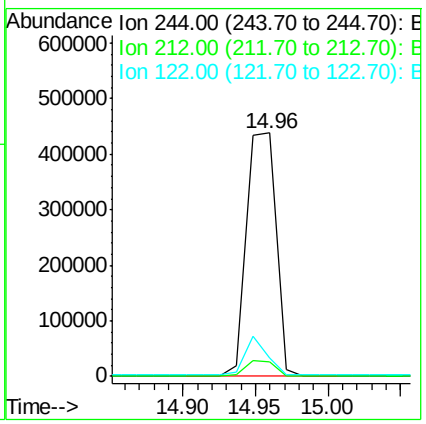


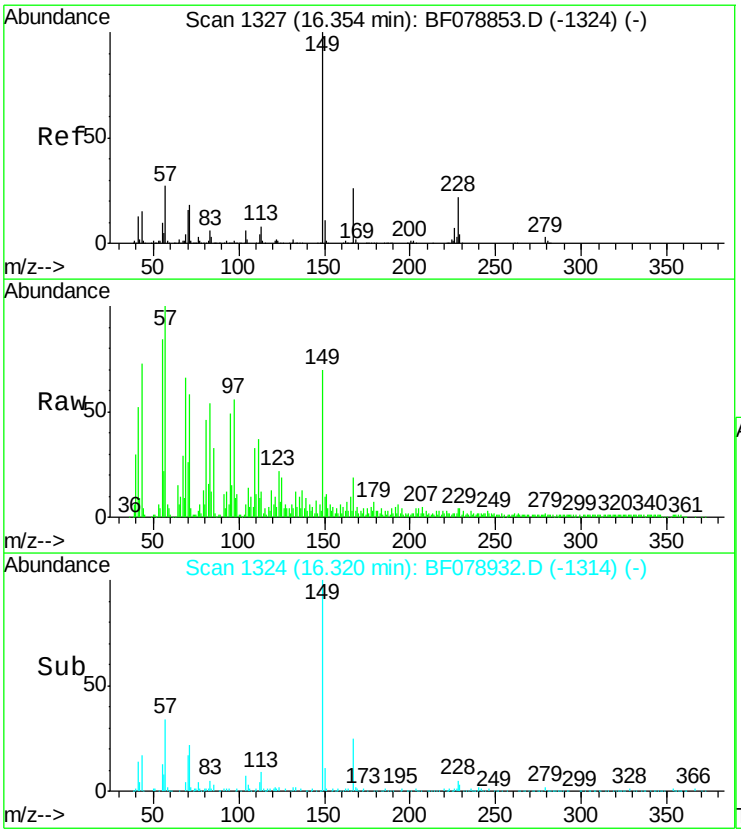
#78
Terphenyl-d14
Concen: 50.86 ng
RT: 14.96 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:244 Resp: 621670

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	7.7	10.3	15.5#

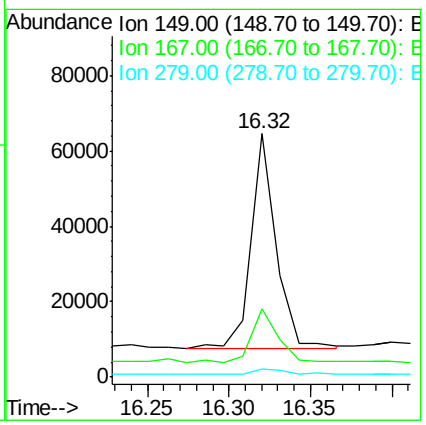


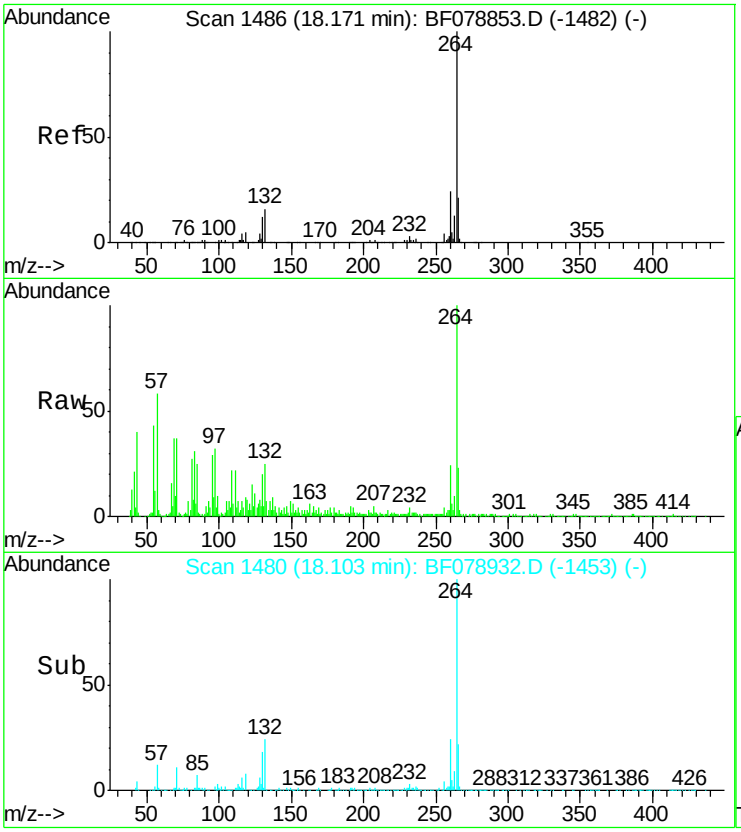


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.56 ng
RT: 16.32 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Tgt Ion:149 Resp: 62053

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	3.1	2.9	4.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.10 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF078932.D
Acq: 5 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
TP-2-D2

Tgt Ion:264 Resp: 314283

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.6	18.3	27.5