Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
Data File : BF078496.D
Acq On : 14 Apr 2015 10:22
Operator : TP/IZ
Sample : G1787-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD05B

Quant Time: Apr 14 11:51:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 11:28:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	36810	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	147095	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	72549	20.00	ng		-0.01
63) Phenanthrene-d10	12.39	188	142621	20.00	ng		0.00
75) Chrysene-d12	15.65	240	152734	20.00	ng		0.00
86) Perylene-d12	17.39	264	150845	20.00	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	304917	136.58	ng		0.01
7) Phenol-d6	6.43	99	400067	142.99	ng		0.00
23) Nitrobenzene-d5	7.53	82	219640	90.51	ng		0.00
41) 2,4,6-Tribromophenol	11.54	330	93708	155.74	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	355921	70.13	ng		0.00
78) Terphenyl-d14	14.38	244	394239	58.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	53263	52.76	ng	#	23
10) Phenol	6.44	94	10115	3.02	ng	#	64
35) Caprolactam	8.99	113	2343	3.84	ng	#	49
49) Dimethylphthalate	10.26	163	21934	4.02	ng	#	99
55) 4-Nitrophenol	10.82	139	2670	5.51	ng	#	32
65) n-Nitrosodiphenylamine	11.41	169	11690	2.37	ng	#	53
70) Phenanthrene	12.41	178	20182	2.45	ng	#	95
74) Fluoranthene	13.87	202	22327	2.57	ng		94
77) Pyrene	14.15	202	22568	2.35	ng	#	93
83) Bis(2-ethylhexyl)phthalate	15.74	149	61525	10.73	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
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Acq On : 14 Apr 2015 10:22
Operator : TP/IZ
Sample : G1787-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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LS-SD05B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 11:28:17 2015
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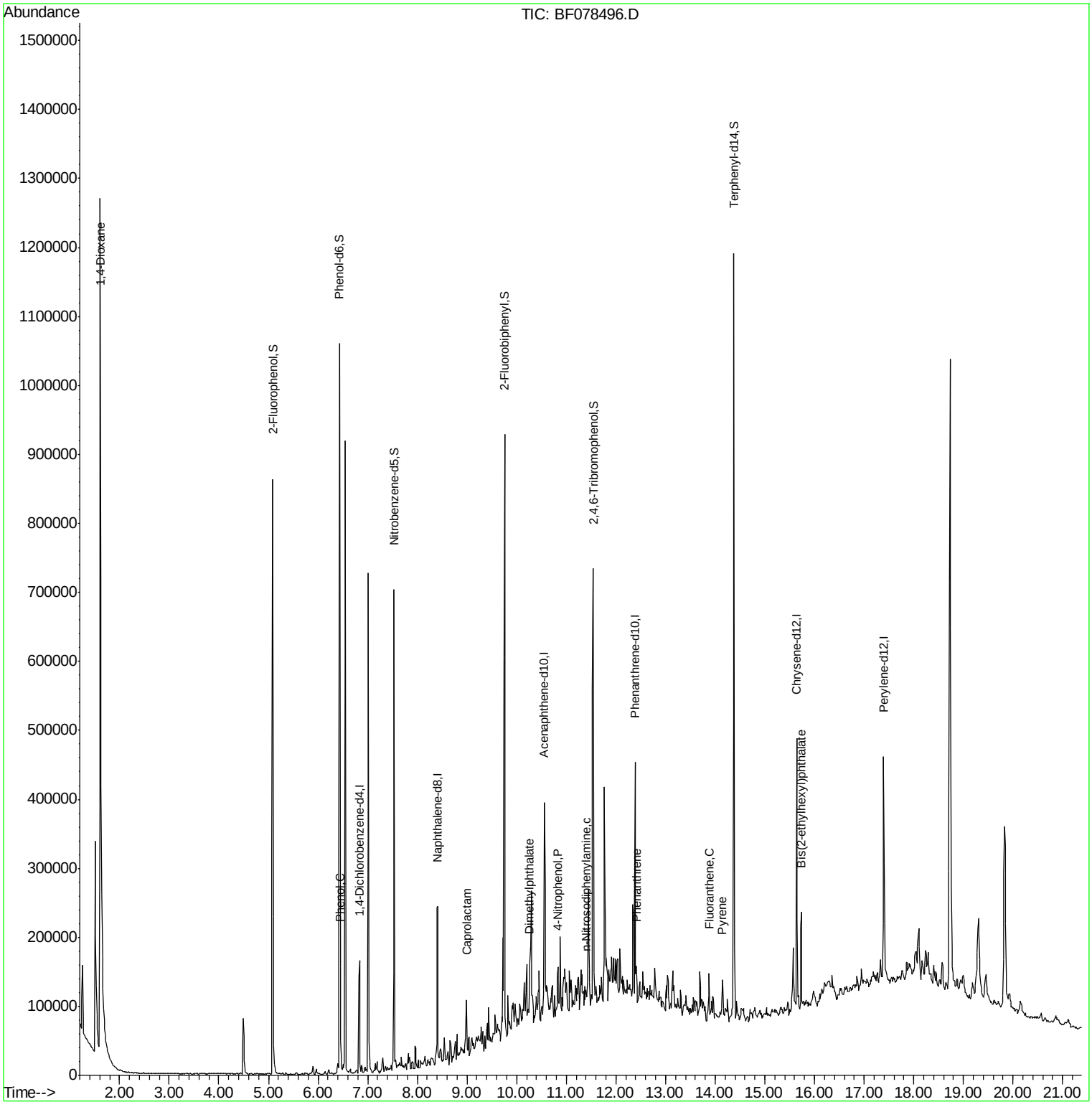
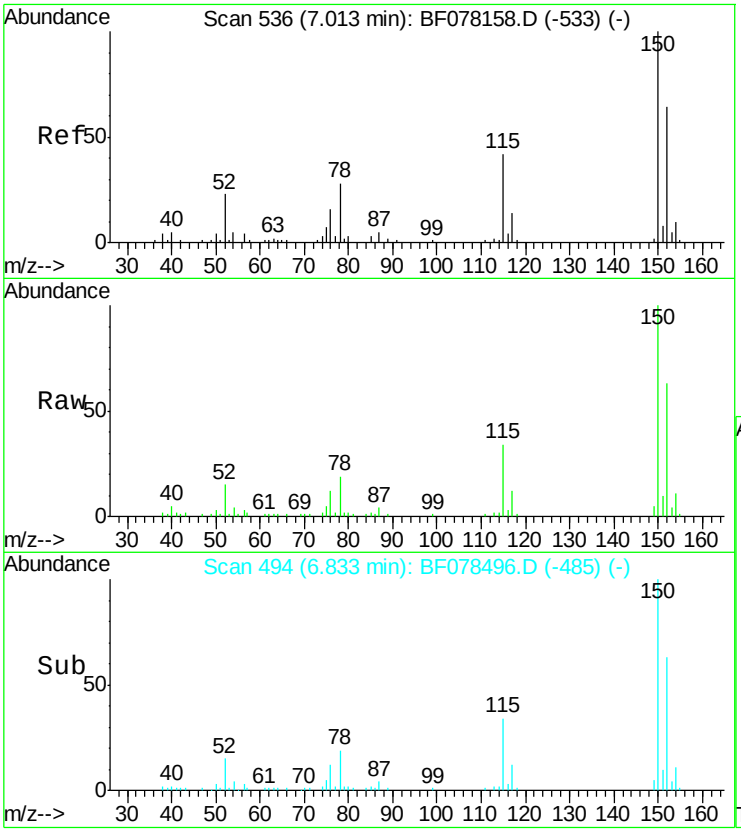


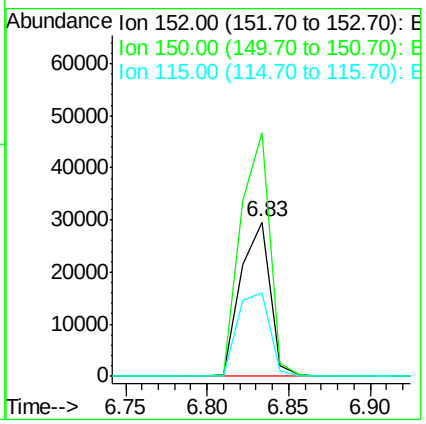


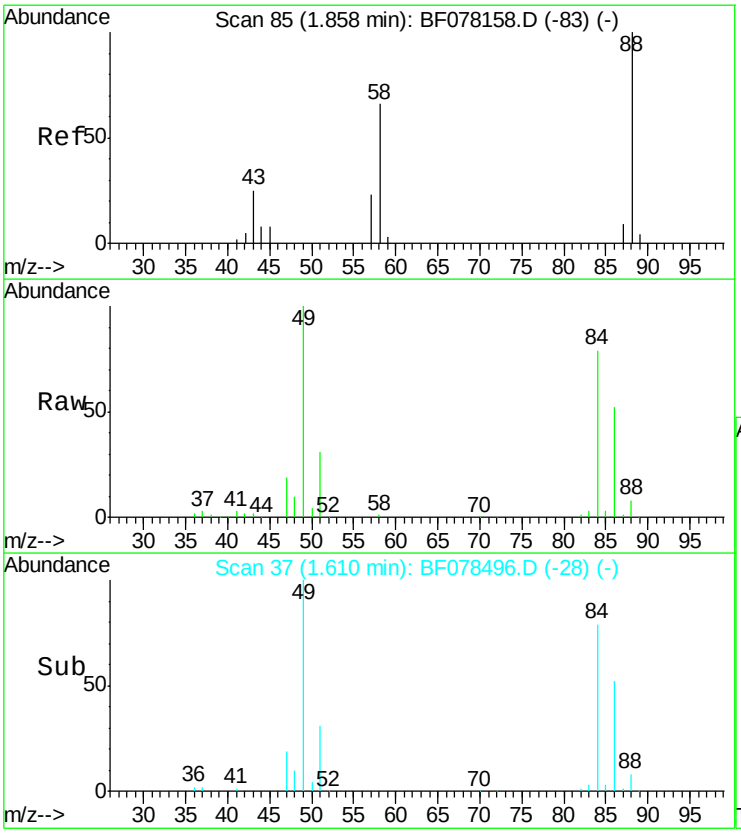
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:152 Resp: 36810

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.9	188.9
115	54.4	52.7	79.1

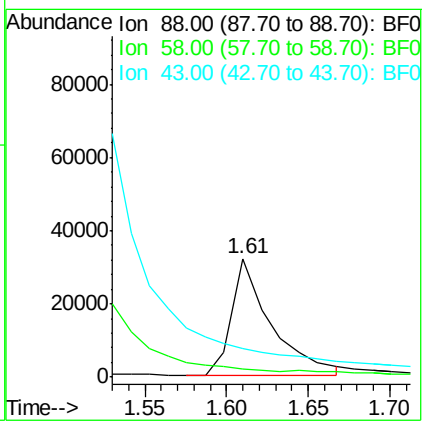


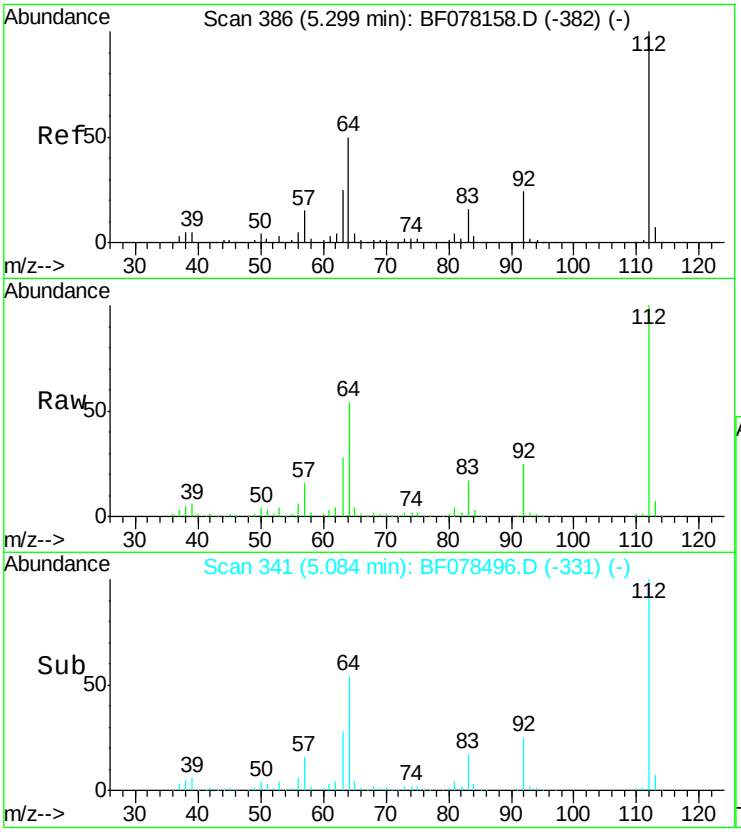


#2
1,4-Dioxane
Concen: 52.76 ng
RT: 1.61 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion: 88 Resp: 53263

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#



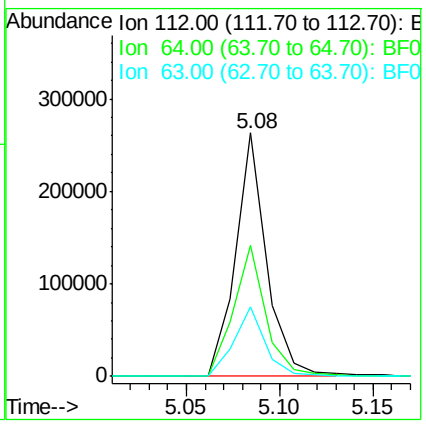


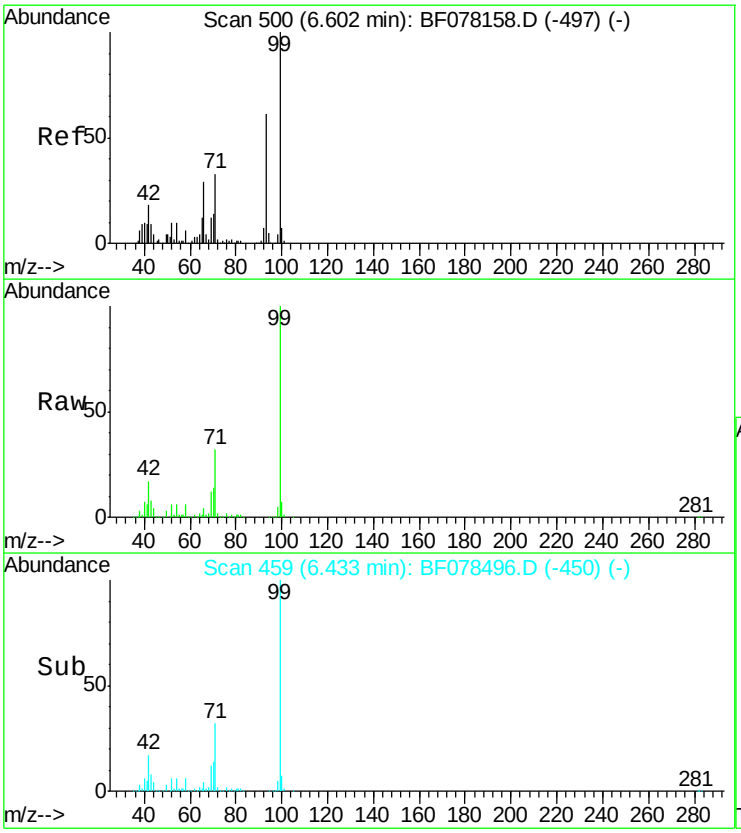
#5
2-Fluorophenol
Concen: 136.58 ng
RT: 5.08 min Scan# 341
Delta R.T. 0.01 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:112 Resp: 304917

Ion	Ratio	Lower	Upper
112	100		
64	53.8	39.9	59.9
63	28.5	20.2	30.4

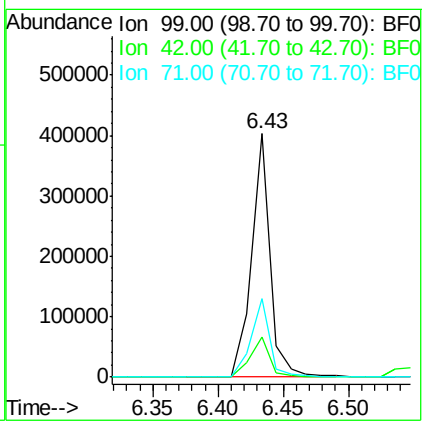


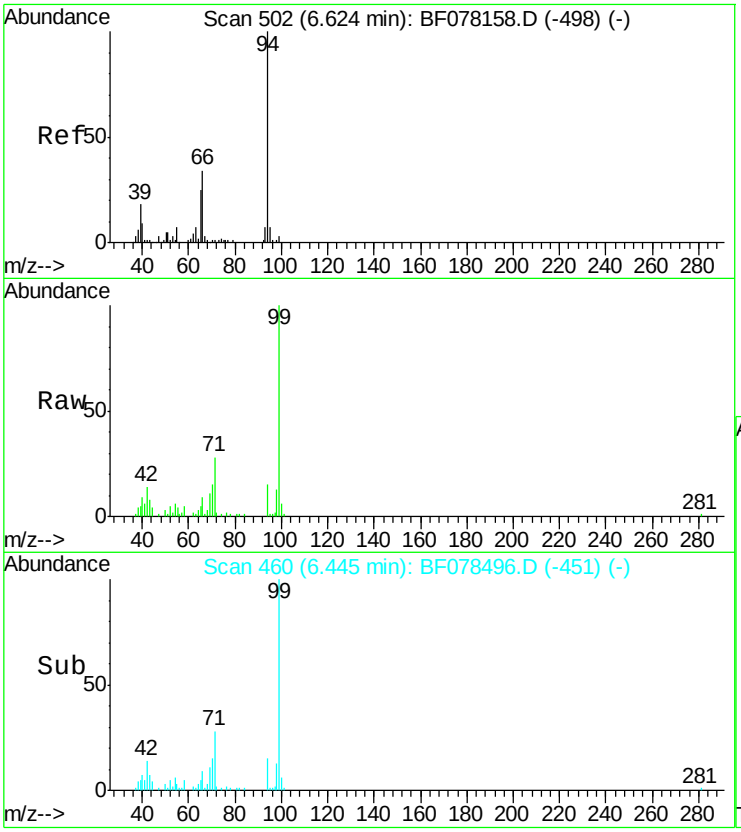


#7
Phenol-d6
Concen: 142.99 ng
RT: 6.43 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion: 99 Resp: 400067

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.8	22.2
71	32.2	26.6	39.8



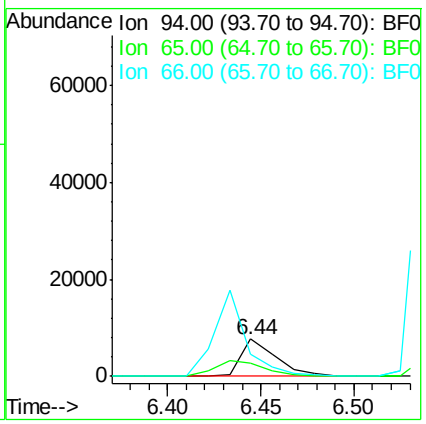


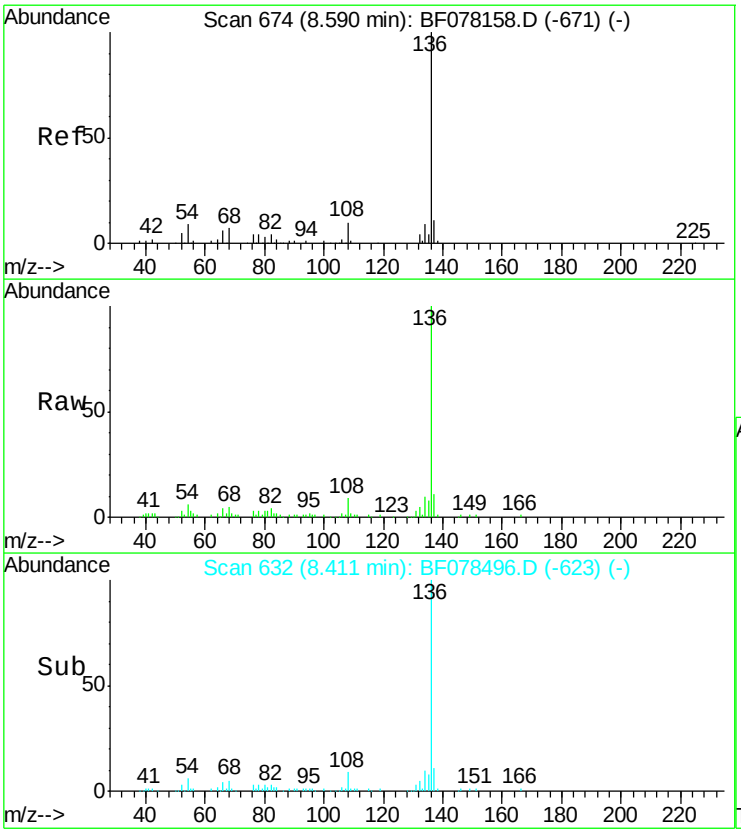
#10
Phenol
Concen: 3.02 ng
RT: 6.44 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion: 94 Resp: 10115

Ion	Ratio	Lower	Upper
94	100		
65	35.4	4.9	44.9
66	60.4	13.8	53.8#

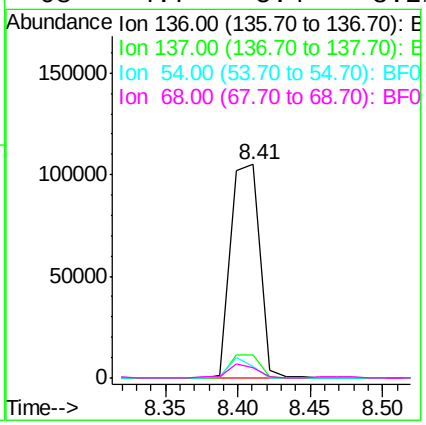


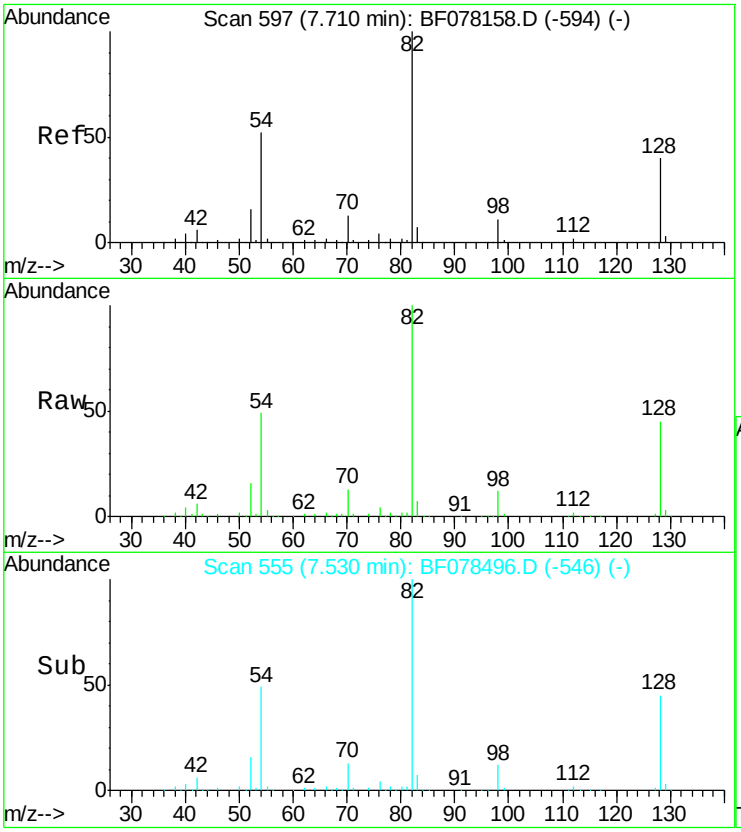


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:136 Resp: 147095

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.5	7.0	10.6#
68	4.7	5.4	8.2#



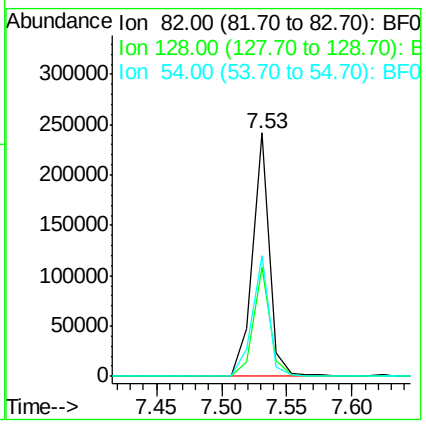


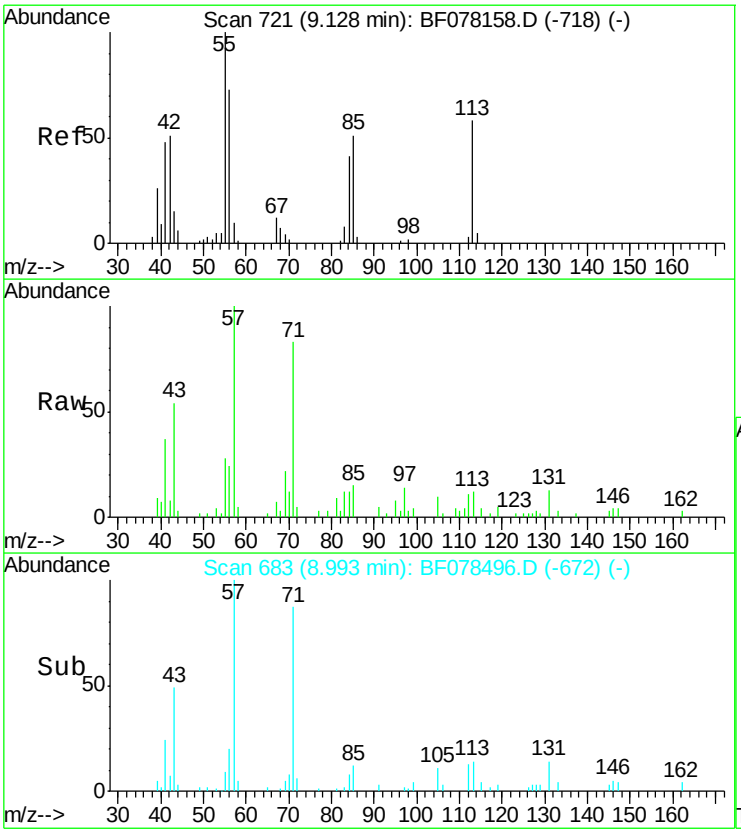
#23
Nitrobenzene-d5
Concen: 90.51 ng
RT: 7.53 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion: 82 Resp: 219640

Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.8	47.8
54	49.5	41.5	62.3

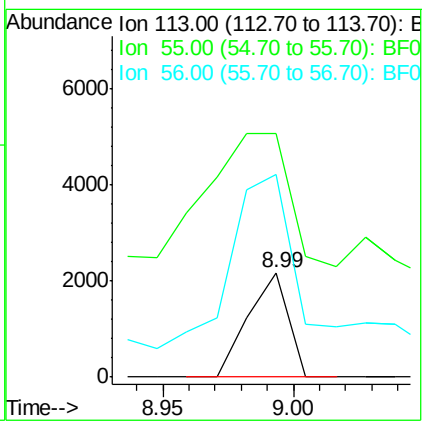


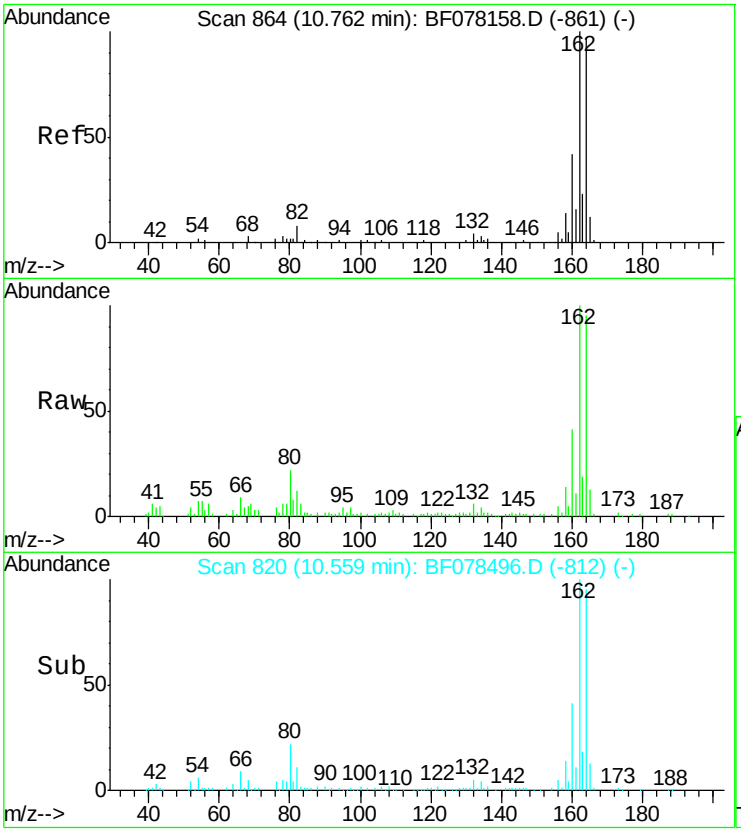


#35
Caprolactam
Concen: 3.84 ng
RT: 8.99 min Scan# 683
Delta R.T. 0.02 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:113 Resp: 2343

Ion	Ratio	Lower	Upper
113	100		
55	232.8	151.9	191.9#
56	194.6	106.1	146.1#



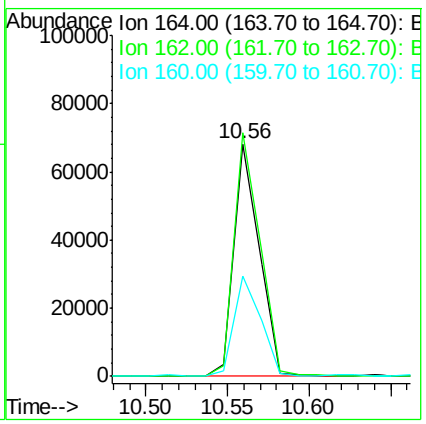


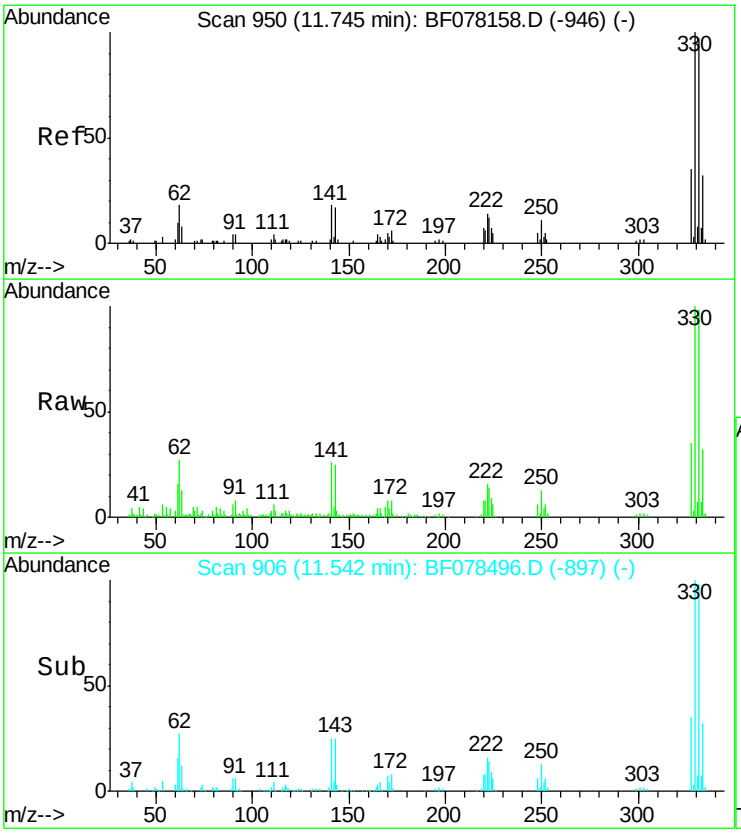
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:164 Resp: 72549

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.2
160	43.2	34.7	52.1

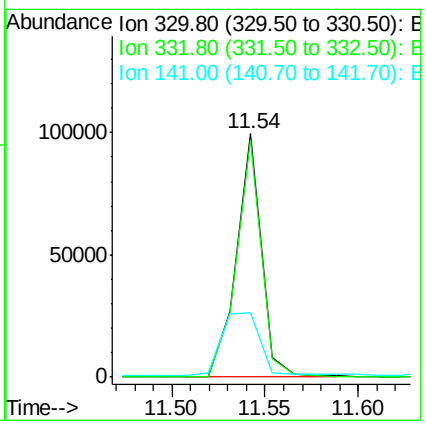


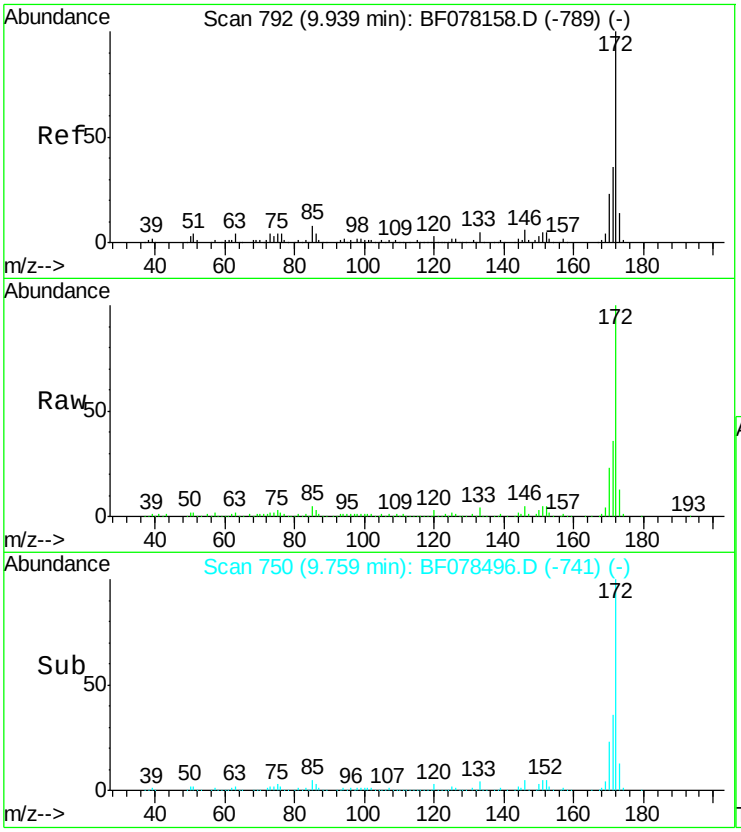


#41
2,4,6-Tribromophenol
Concen: 155.74 ng
RT: 11.54 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:330 Resp: 93708

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.6	117.8
141	39.3	31.2	46.8



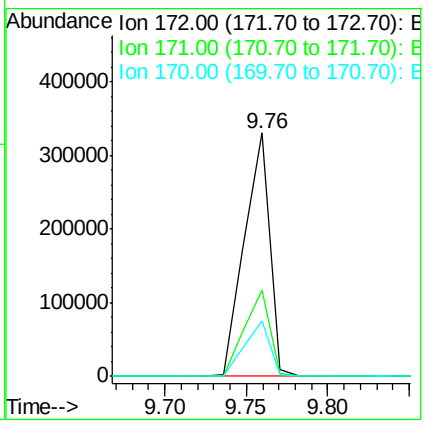


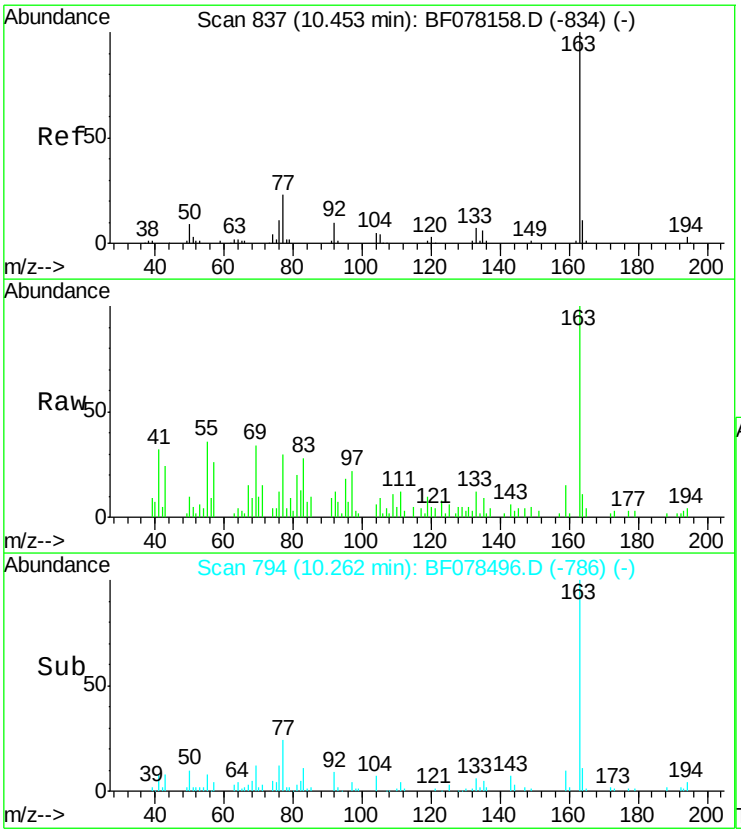
#44
2-Fluorobiphenyl
Concen: 70.13 ng
RT: 9.76 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:172 Resp: 355921

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	22.8	18.5	27.7

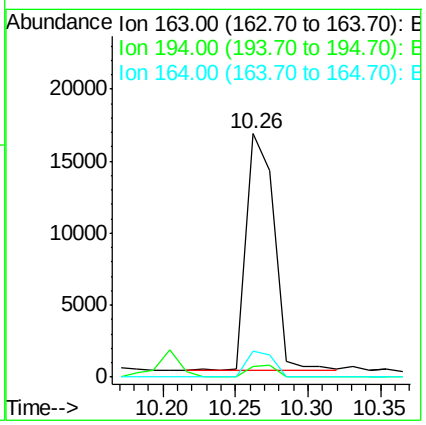


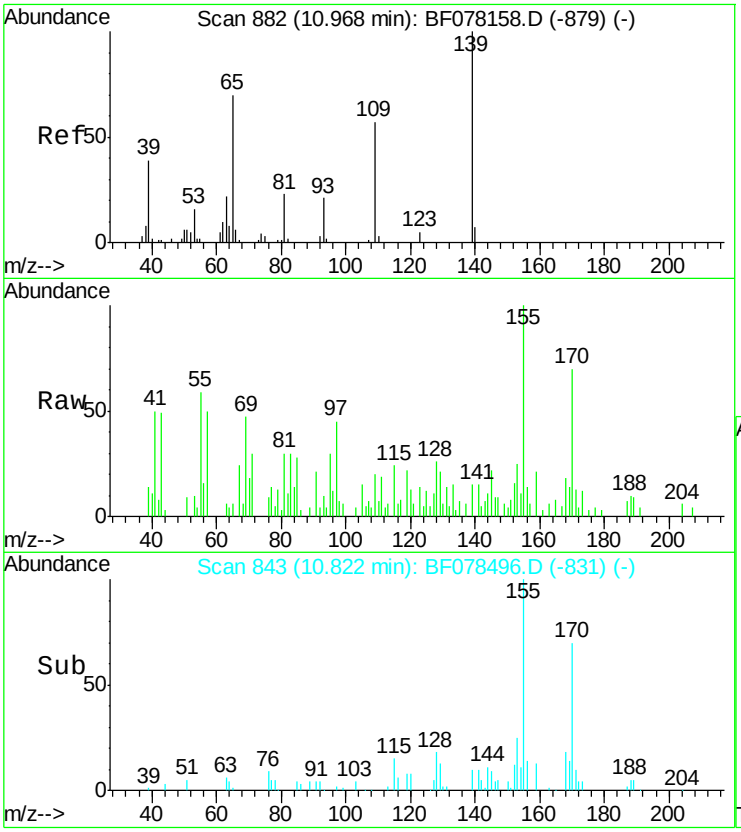


#49
Dimethylphthalate
Concen: 4.02 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:163 Resp: 21934

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.3	3.5#
164	10.7	8.6	13.0



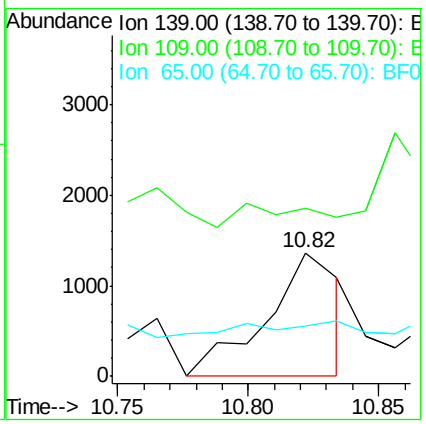


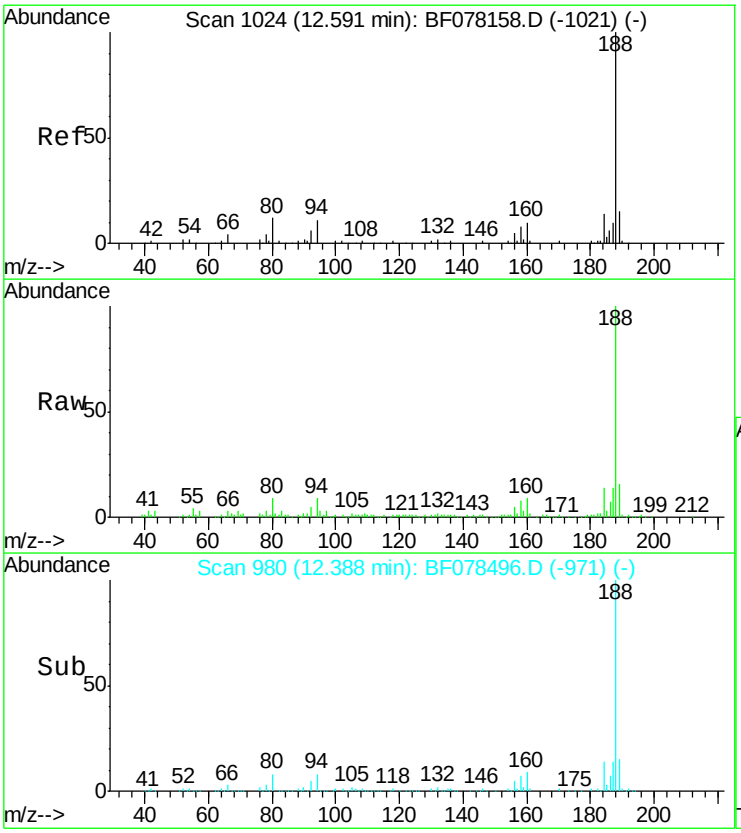
#55
4-Nitrophenol
Concen: 5.51 ng
RT: 10.82 min Scan# 843
Delta R.T. 0.03 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:139 Resp: 2670

Ion	Ratio	Lower	Upper
139	100		
109	136.2	36.7	76.7#
65	41.2	49.9	89.9#

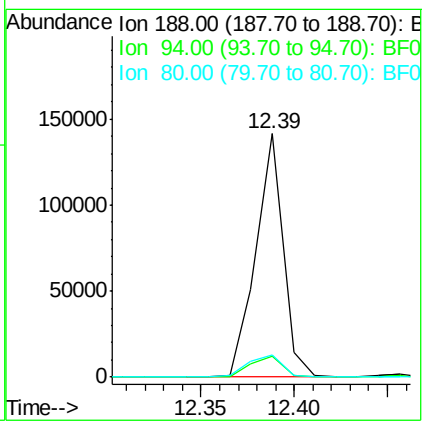


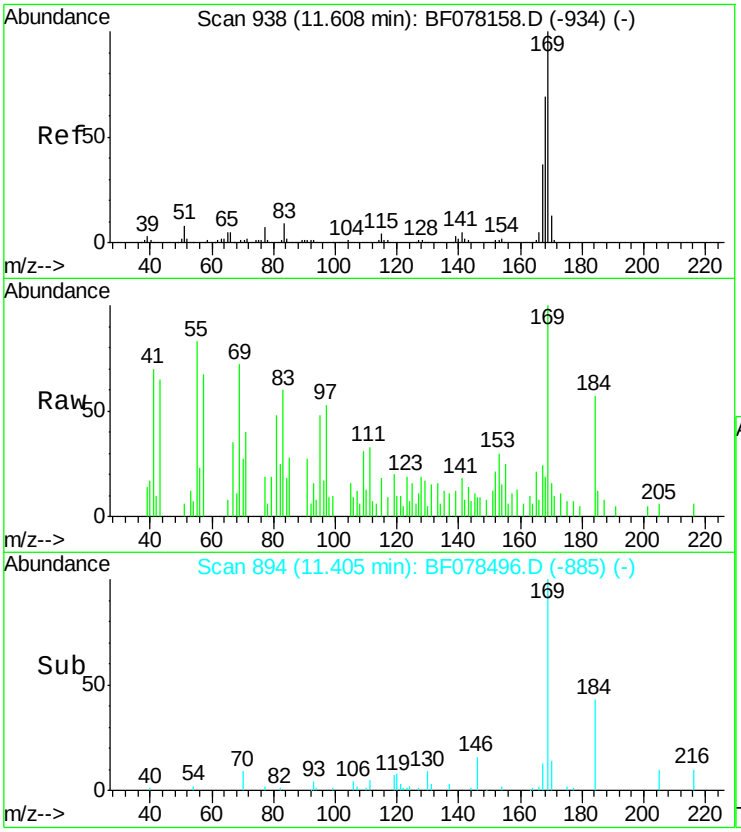


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:188 Resp: 142621

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	8.9	9.5	14.3#



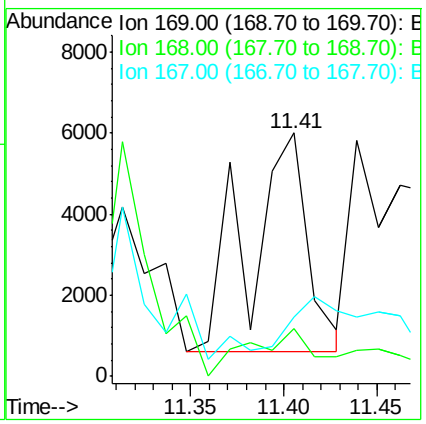


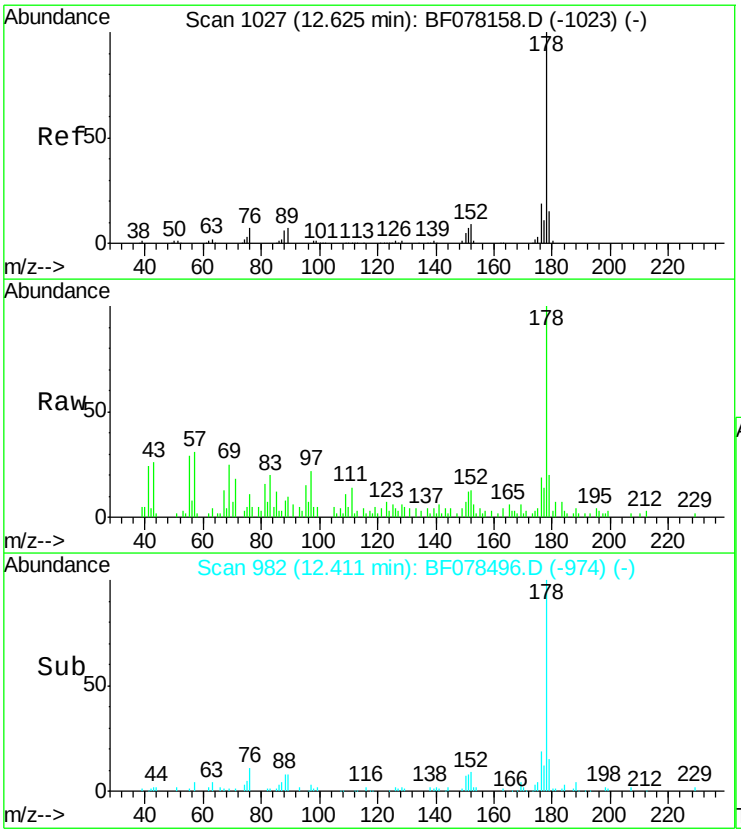
#65
n-Nitrosodiphenylamine
Concen: 2.37 ng
RT: 11.41 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:169 Resp: 11690

Ion	Ratio	Lower	Upper
169	100		
168	19.5	55.0	82.4#
167	24.3	29.3	43.9#

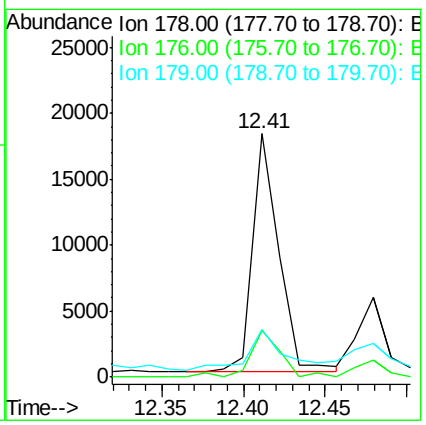


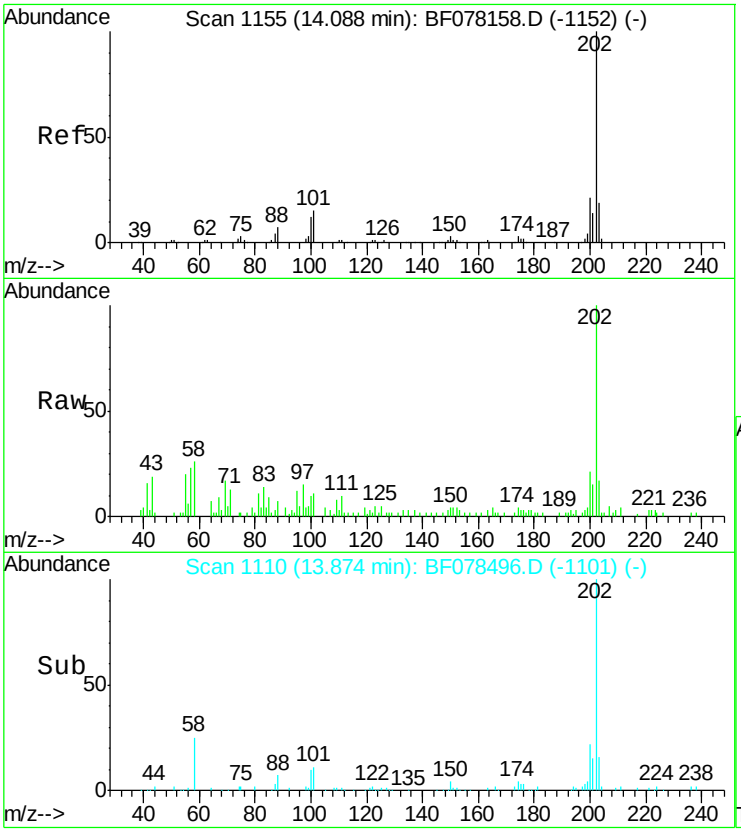


#70
Phenanthrene
Concen: 2.45 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:178 Resp: 20182

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	19.7	12.2	18.2#



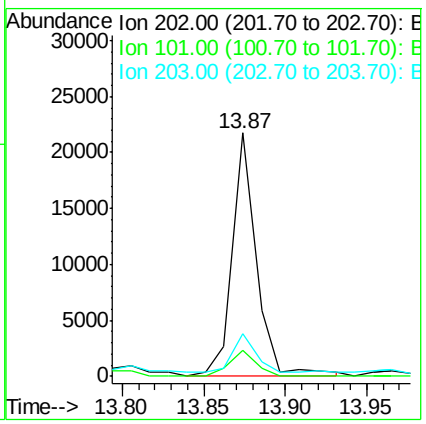


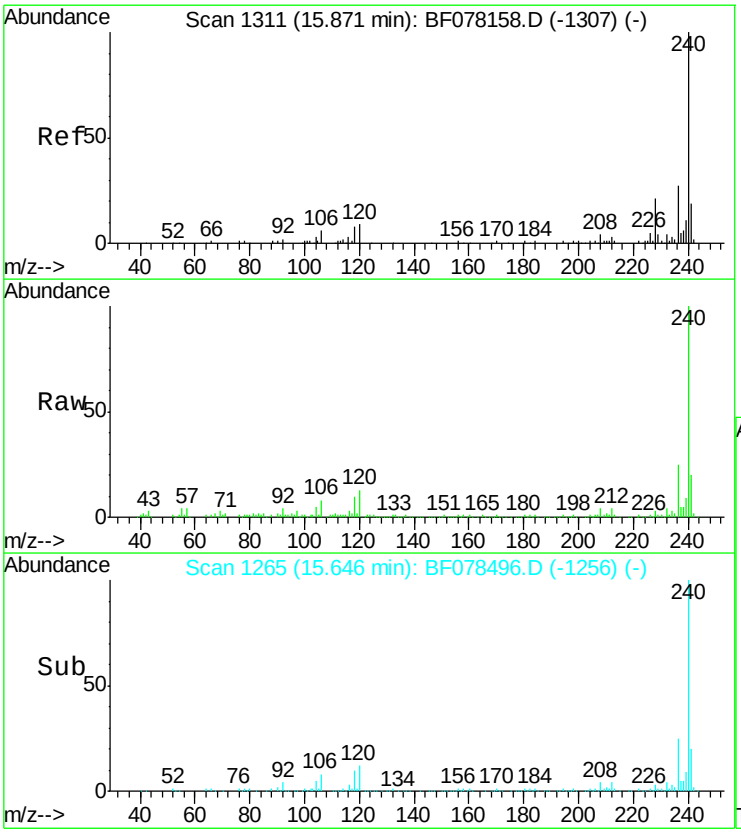
#74
Fluoranthene
Concen: 2.57 ng
RT: 13.87 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:202 Resp: 22327

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	35.2
203	17.4	0.0	38.5

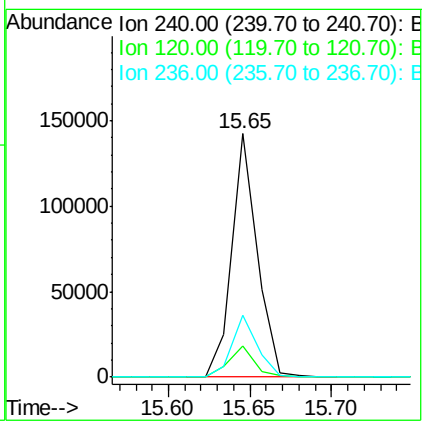


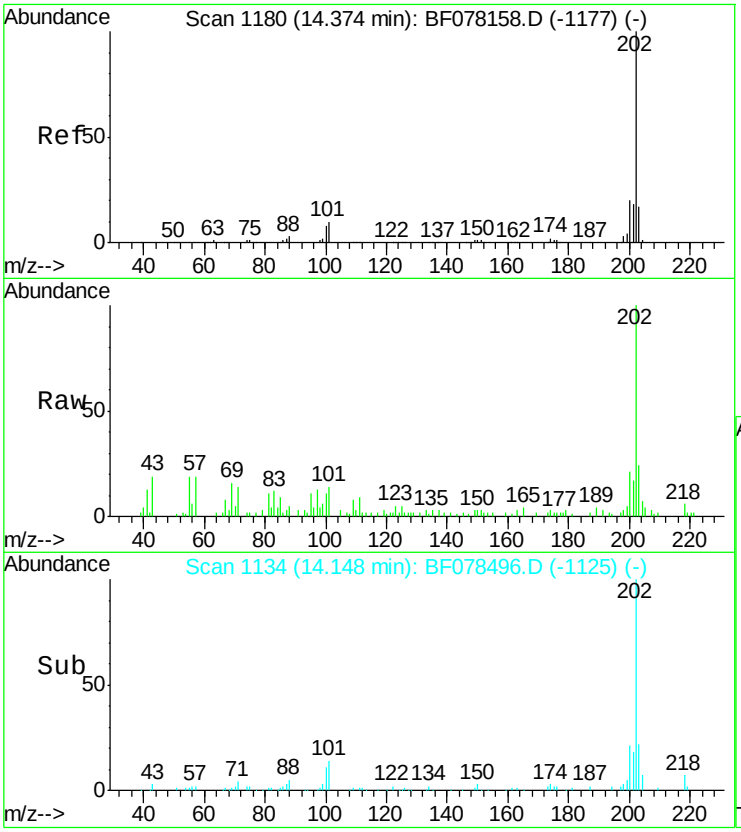


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:240 Resp: 152734

Ion	Ratio	Lower	Upper
240	100		
120	12.6	7.1	10.7#
236	25.3	21.4	32.2



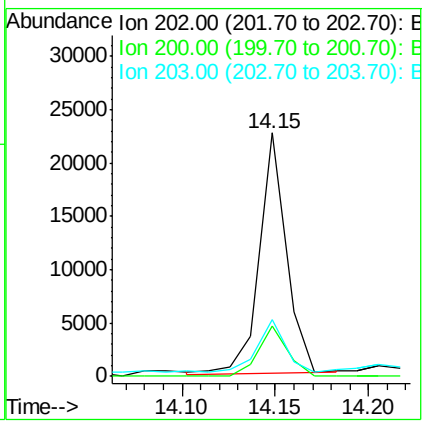


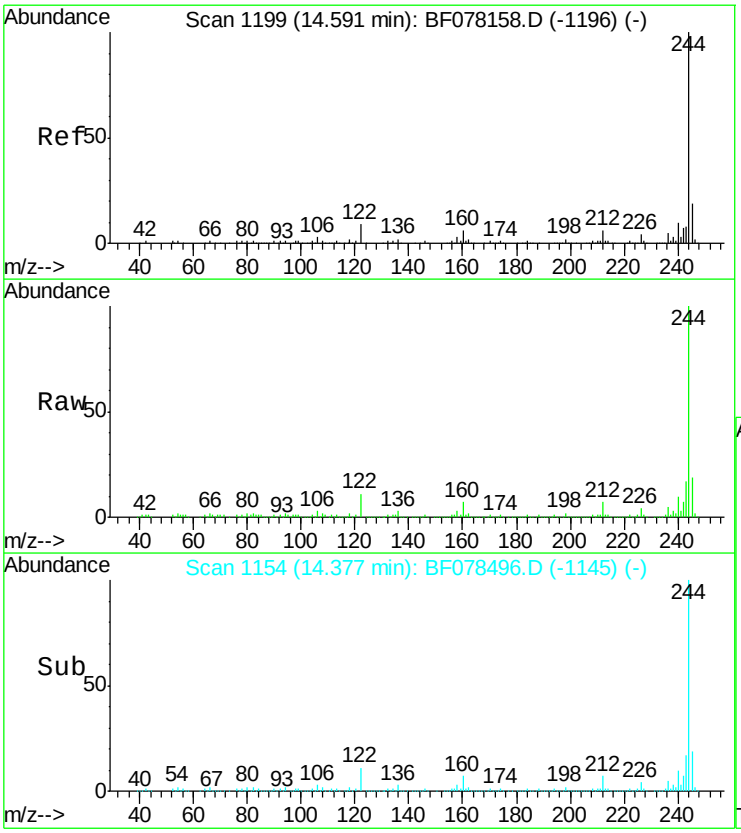
#77
Pyrene
Concen: 2.35 ng
RT: 14.15 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:202 Resp: 22568

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	23.5	13.8	20.6#

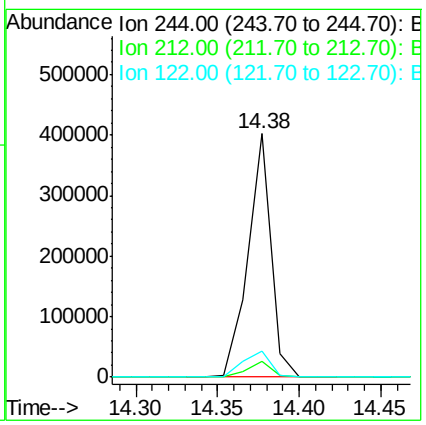


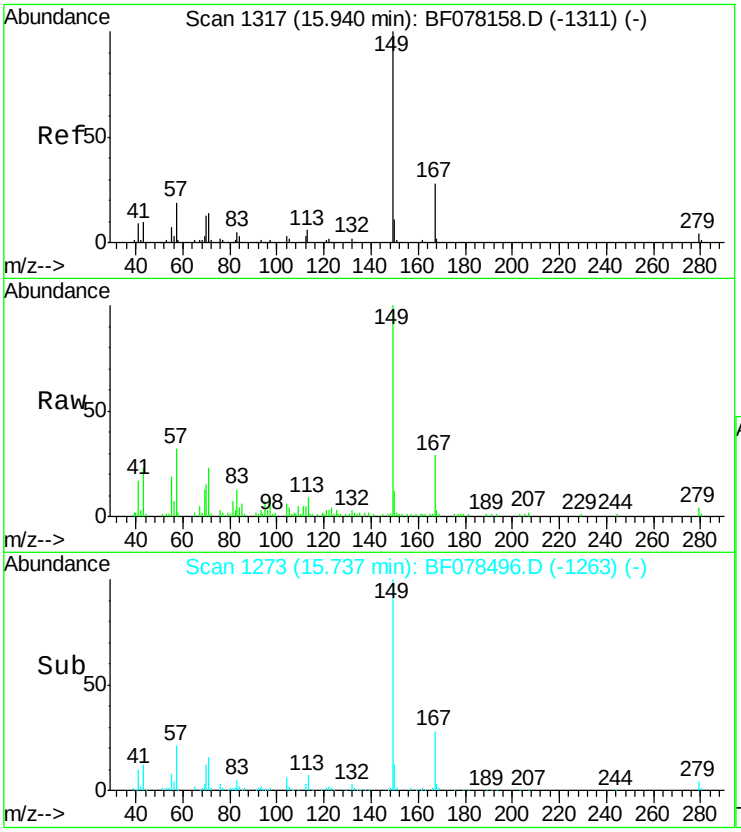


#78
Terphenyl-d14
Concen: 58.33 ng
RT: 14.38 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:244 Resp: 394239

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	10.6	7.1	10.7



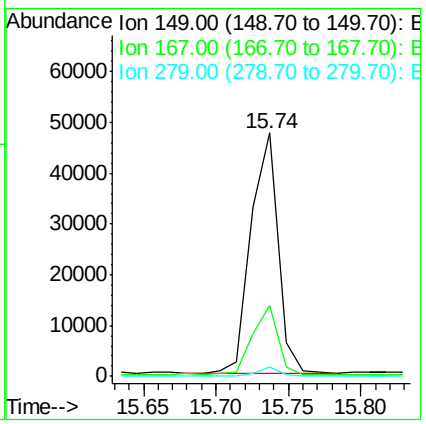


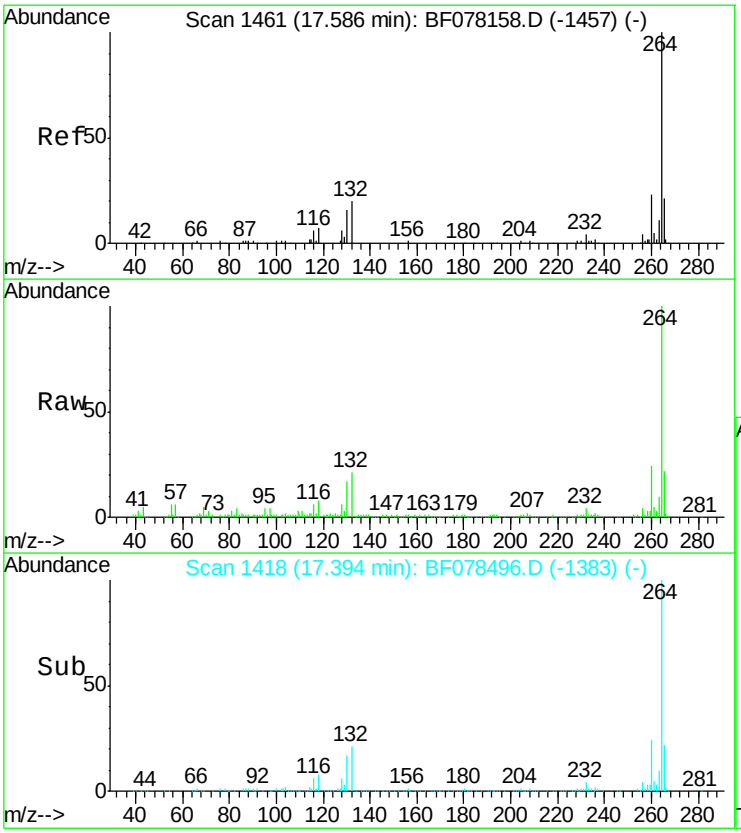
#83
Bis(2-ethylhexyl)phthalate
Concen: 10.73 ng
RT: 15.74 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Instrument :
BNA_F
ClientSampleId :
LS-SD05B

Tgt Ion:149 Resp: 61525

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	3.9	3.2	4.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.39 min Scan# 1418
Delta R.T. 0.10 min
Lab File: BF078496.D
Acq: 14 Apr 2015 10:22

Tgt Ion:264 Resp: 150845

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.0	17.0	25.6