Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078870.D
Acq On : 1 May 2015 2:04
Operator : TP/IZ
Sample : G2044-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57S

Quant Time: May 01 03:27:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	84474	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	355532	20.00	ng		0.00
38) Acenaphthene-d10	11.12	164	161604	20.00	ng		-0.01
63) Phenanthrene-d10	12.97	188	314330	20.00	ng		0.00
75) Chrysene-d12	16.26	240	323074	20.00	ng		-0.01
86) Perylene-d12	17.95	264	342047	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	721526	147.03	ng		0.00
7) Phenol-d6	6.92	99	1028322	158.53	ng		0.01
23) Nitrobenzene-d5	8.06	82	532584	86.09	ng		0.00
41) 2,4,6-Tribromophenol	12.10	330	273499	156.44	ng		0.00
44) 2-Fluorobiphenyl	10.30	172	1115692	96.19	ng		0.00
78) Terphenyl-d14	14.97	244	1214215	89.98	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.55	79	12027	2.50	ng	#	50
32) Benzoic acid	8.58	122	8625	8.67	ng		96
49) Dimethylphthalate	10.80	163	67082	5.66	ng		98
70) Phenanthrene	13.01	178	53619	3.05	ng		97
74) Fluoranthene	14.48	202	93632	5.11	ng		93
77) Pyrene	14.77	202	84998	4.57	ng		97
80) Benzo(a)anthracene	16.25	228	51723	2.92	ng		96
82) Chrysene	16.30	228	37161	2.18	ng		98
83) Bis(2-ethylhexyl)phthalate	16.30	149	206298	16.74	ng	#	95
87) Benzo(b)fluoranthene	17.52	252	75442	4.03	ng	#	95
88) Benzo(k)fluoranthene	17.52	252	76518	4.22	ng		97
89) Benzo(a)pyrene	17.90	252	42675	2.48	ng	#	92

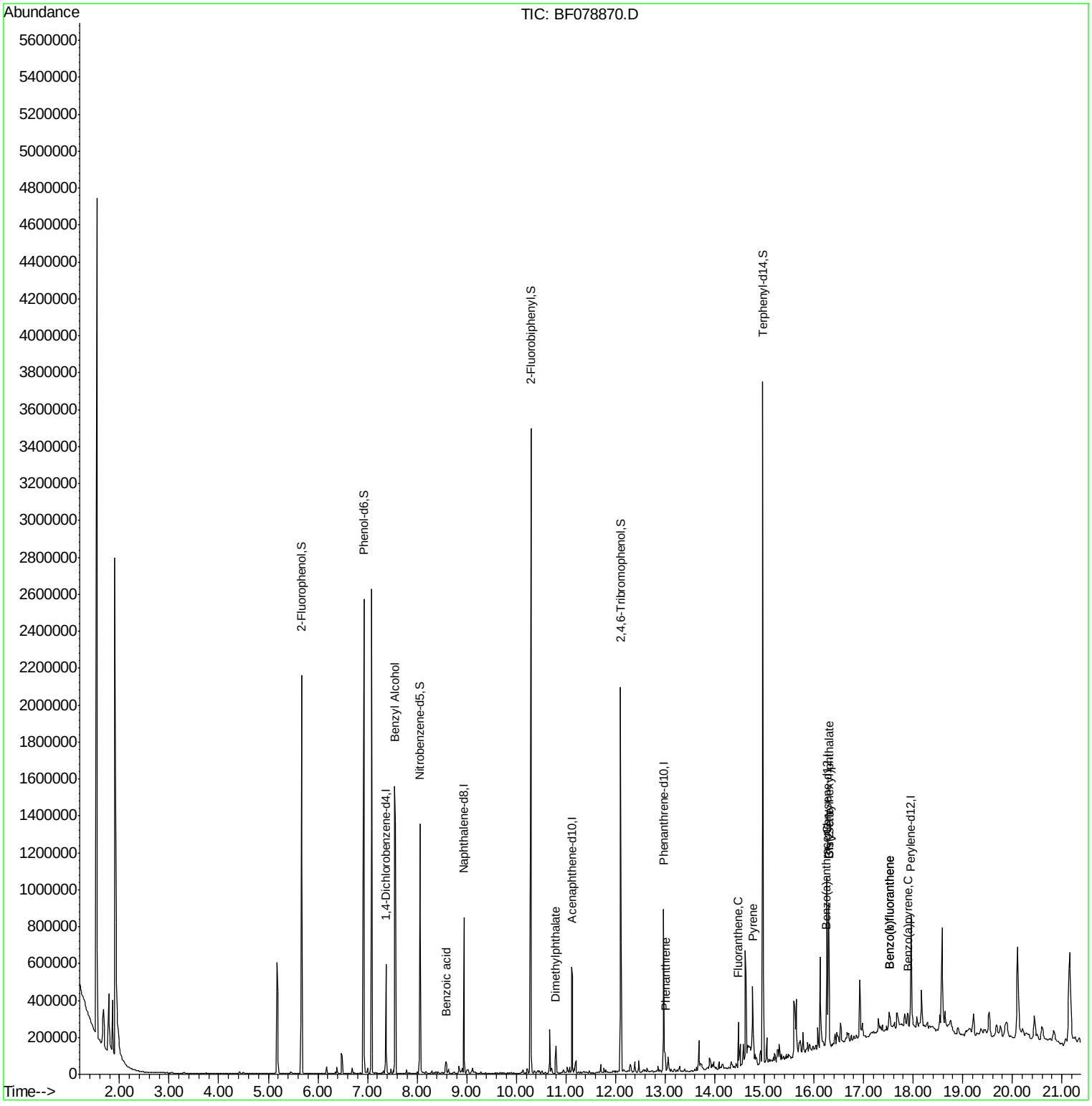
(#) = qualifier out of range (m) = manual integration (+) = signals summed

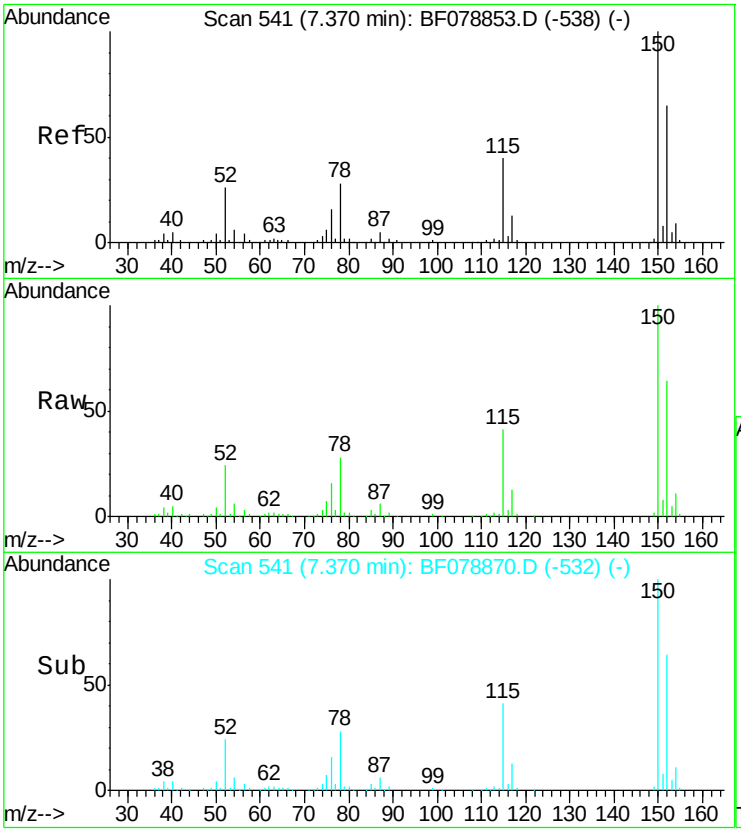
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078870.D
Acq On : 1 May 2015 2:04
Operator : TP/IZ
Sample : G2044-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57S

Quant Time: May 01 03:27:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration



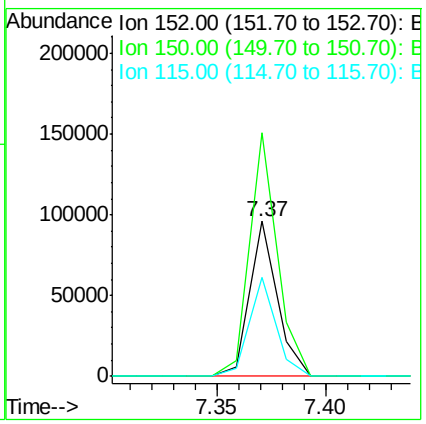


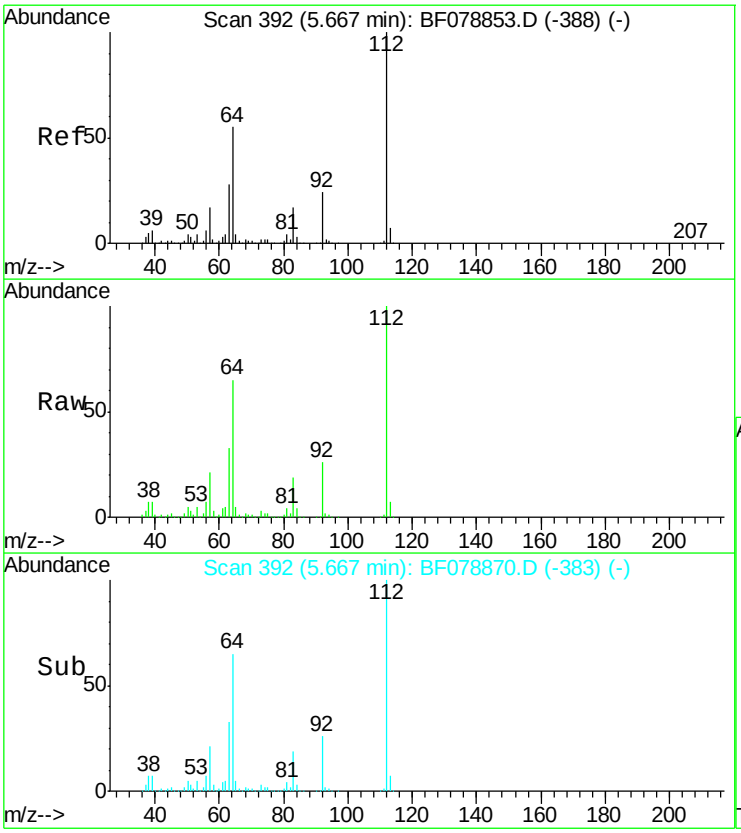
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:152 Resp: 84474

Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.0	183.0
115	64.4	46.3	69.5

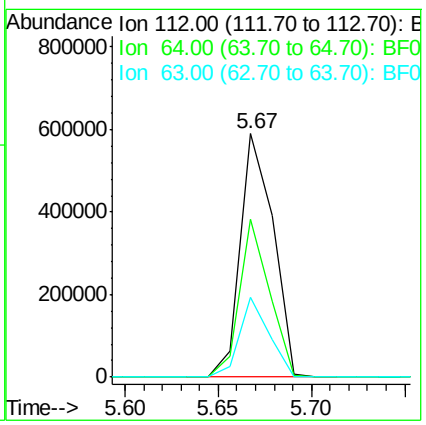


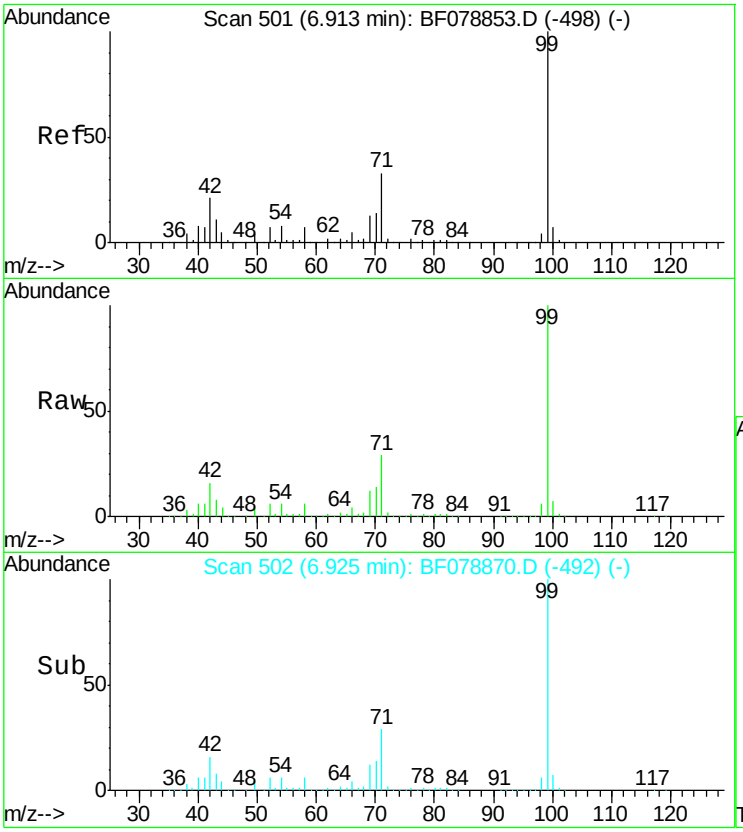


#5
2-Fluorophenol
Concen: 147.03 ng
RT: 5.67 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:112 Resp: 721526

Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.5	80.3
63	33.0	27.5	41.3



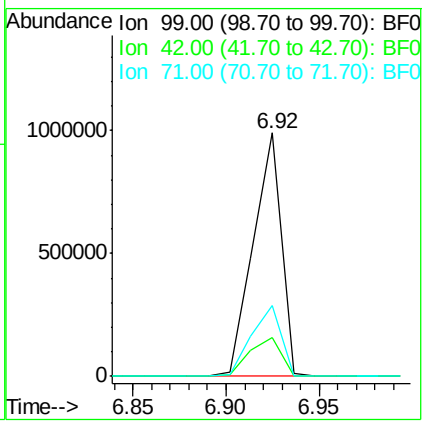


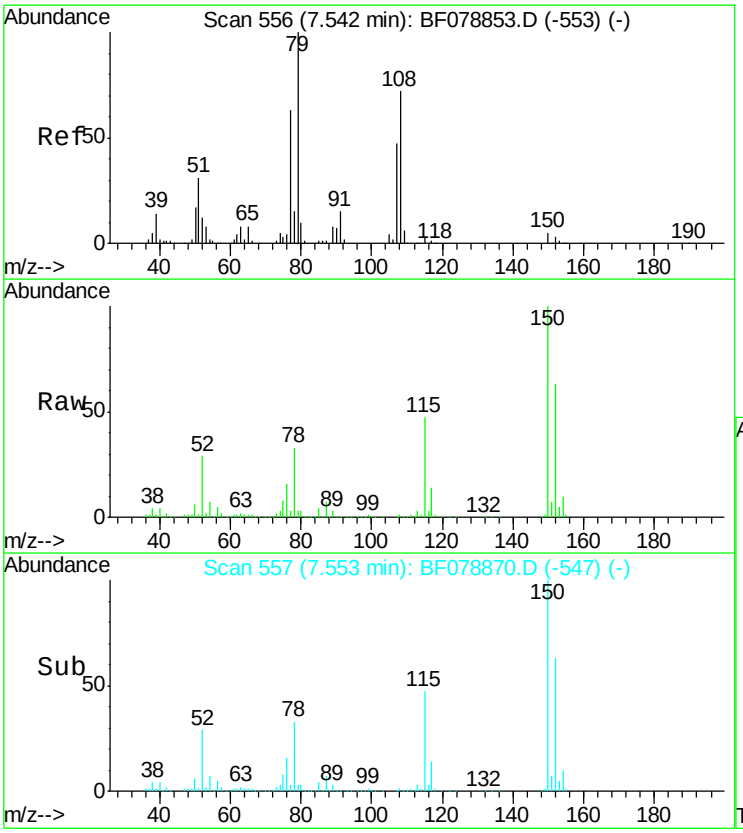
#7
Phenol-d6
Concen: 158.53 ng
RT: 6.92 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion: 99 Resp: 1028322

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.8	19.2
71	29.0	23.4	35.2

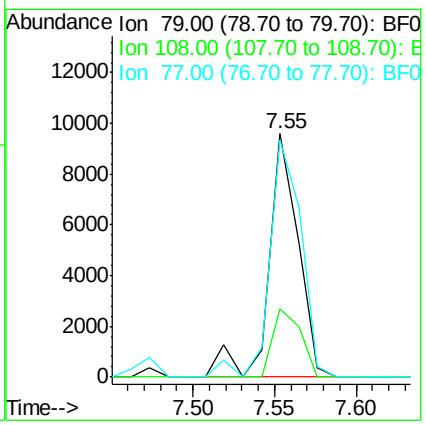


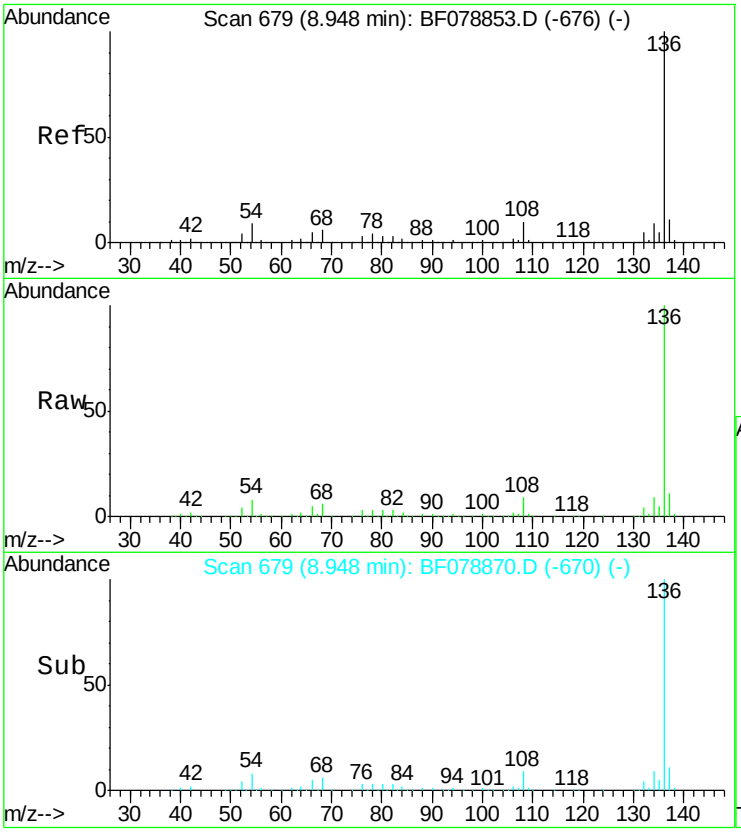


#15
Benzyl Alcohol
Concen: 2.50 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion: 79 Resp: 12027

Ion	Ratio	Lower	Upper
79	100		
108	28.1	62.5	93.7#
77	97.3	52.2	78.4#



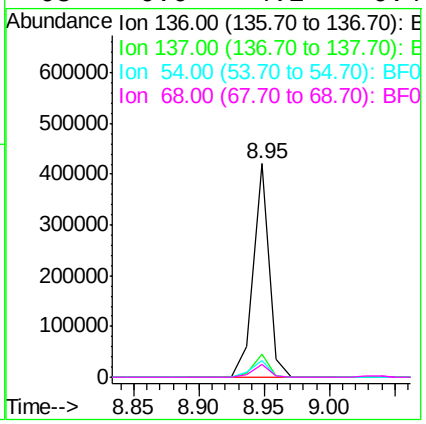


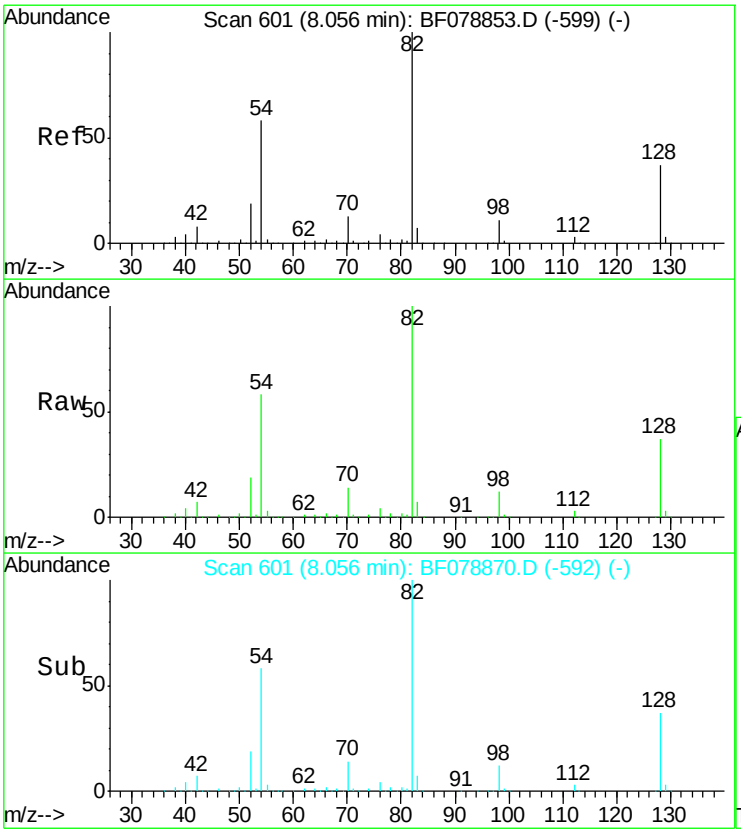
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.95 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:136 Resp: 355532

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.8	5.8	8.8
68	6.0	4.2	6.4

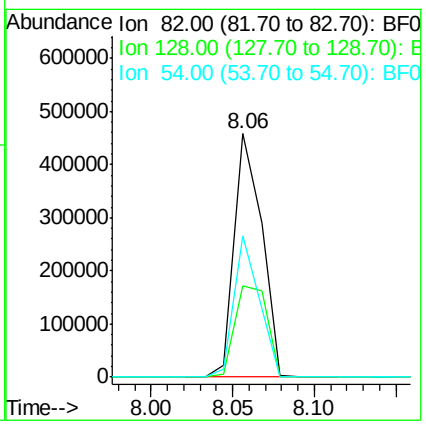


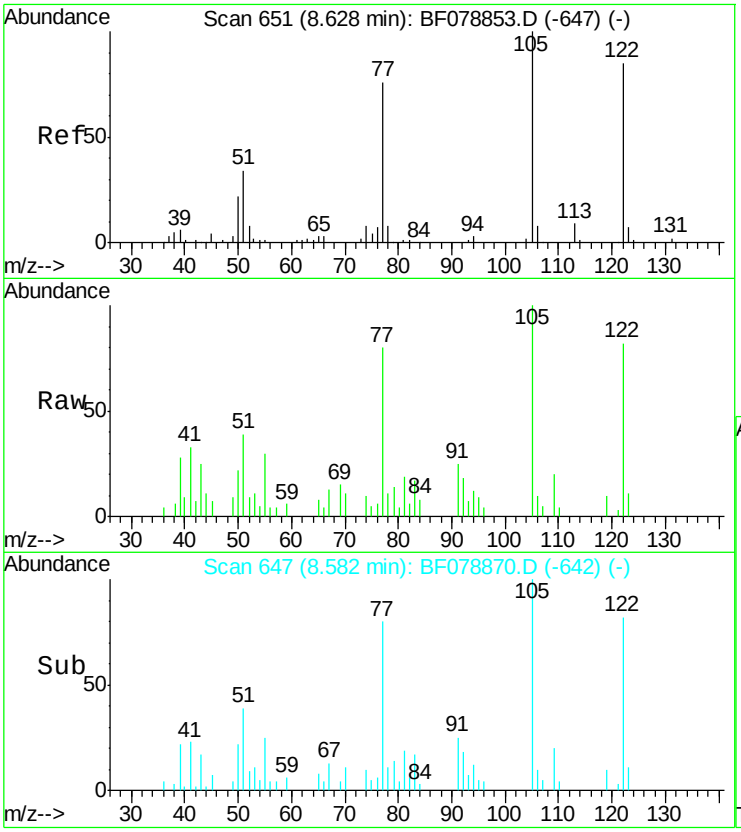


#23
Nitrobenzene-d5
Concen: 86.09 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion: 82 Resp: 532584

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	57.8	46.4	69.6



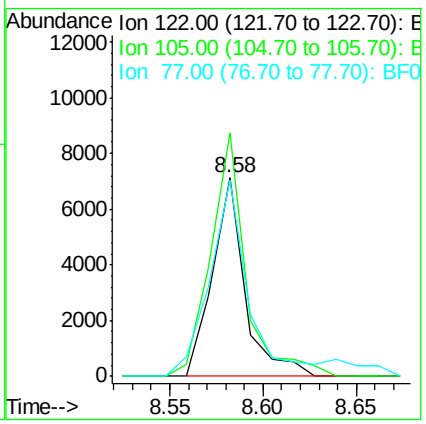


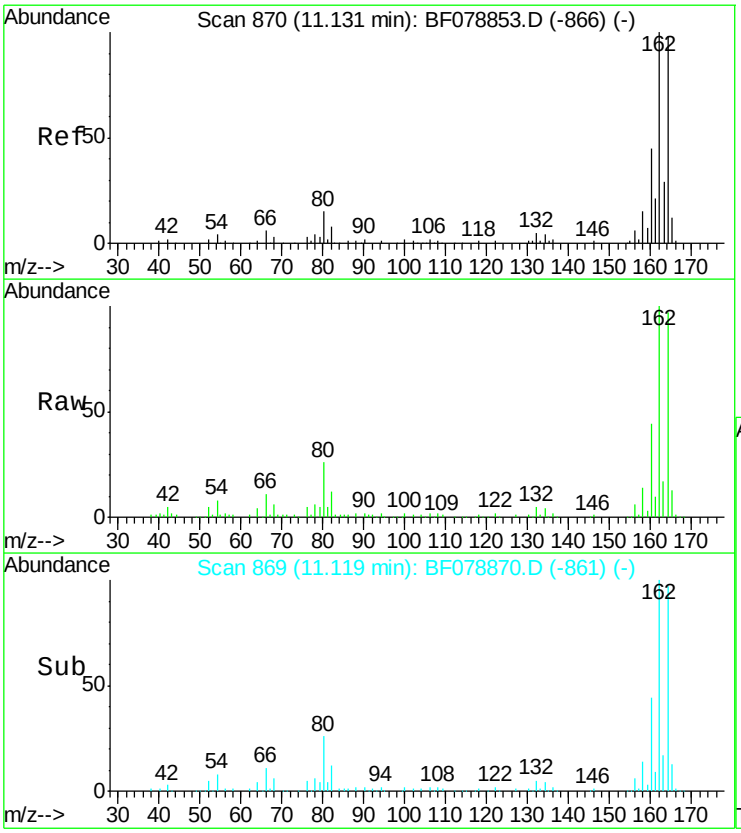
#32
Benzoic acid
Concen: 8.67 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.05 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:122 Resp: 8625

Ion	Ratio	Lower	Upper
122	100		
105	122.6	107.1	147.1
77	98.6	73.9	113.9

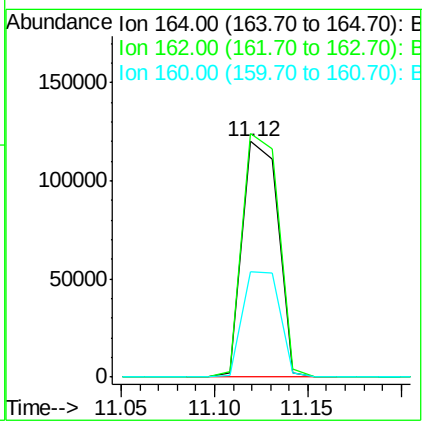


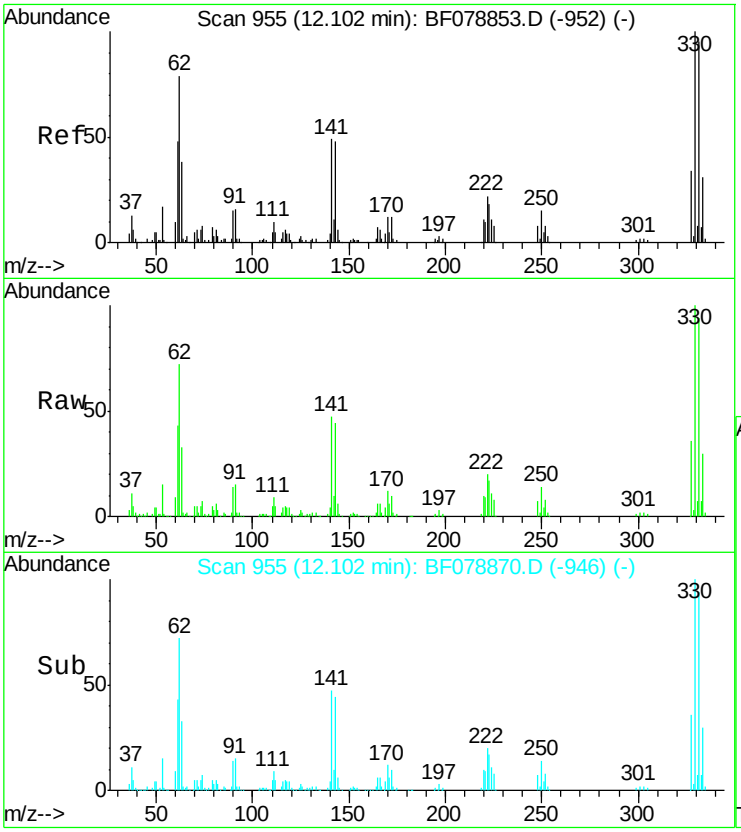


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:164 Resp: 161604

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.7	124.1
160	44.9	35.8	53.8



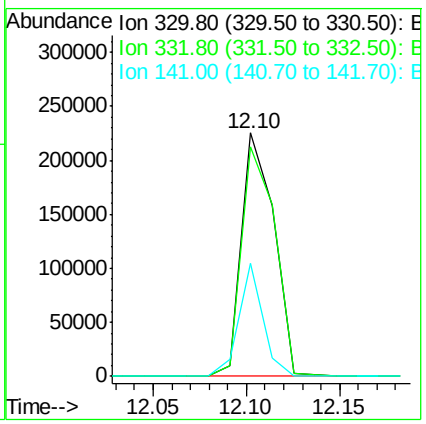


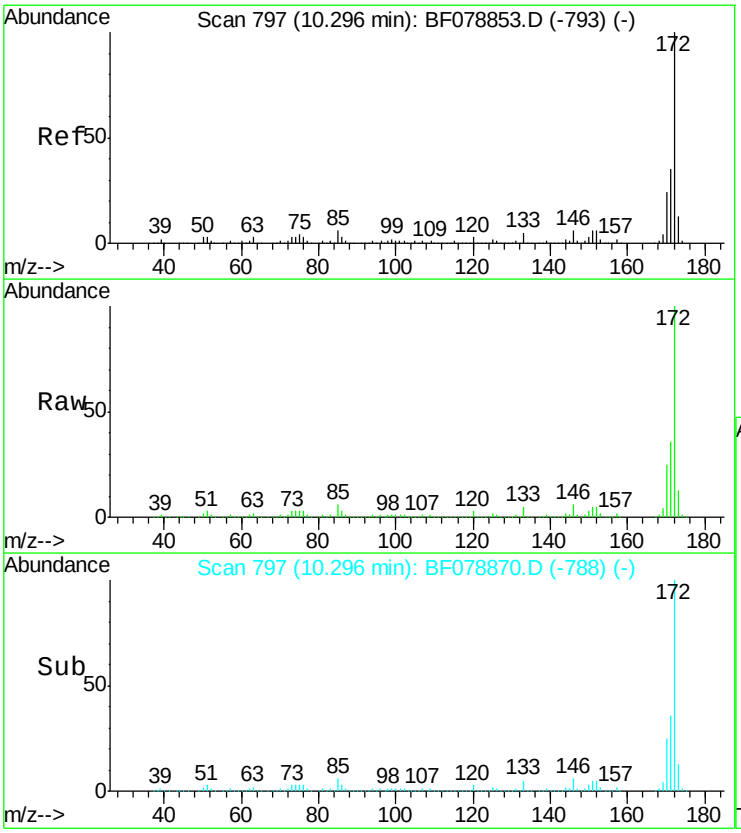
#41
2,4,6-Tribromophenol
Concen: 156.44 ng
RT: 12.10 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:330 Resp: 273499

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	34.8	0.0	0.0#

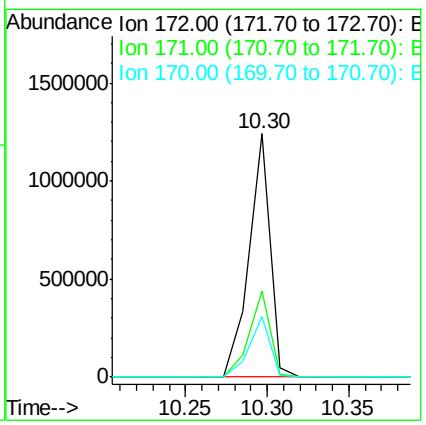


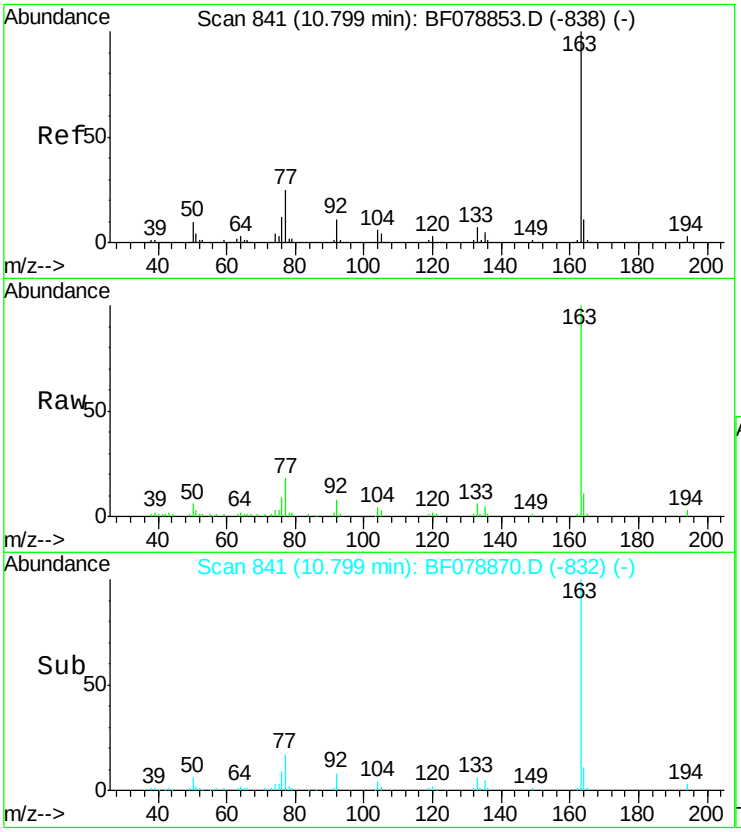


#44
2-Fluorobiphenyl
Concen: 96.19 ng
RT: 10.30 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:172 Resp: 1115692

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.8	19.4	29.0



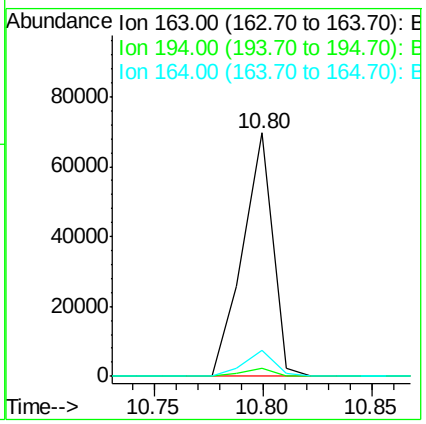


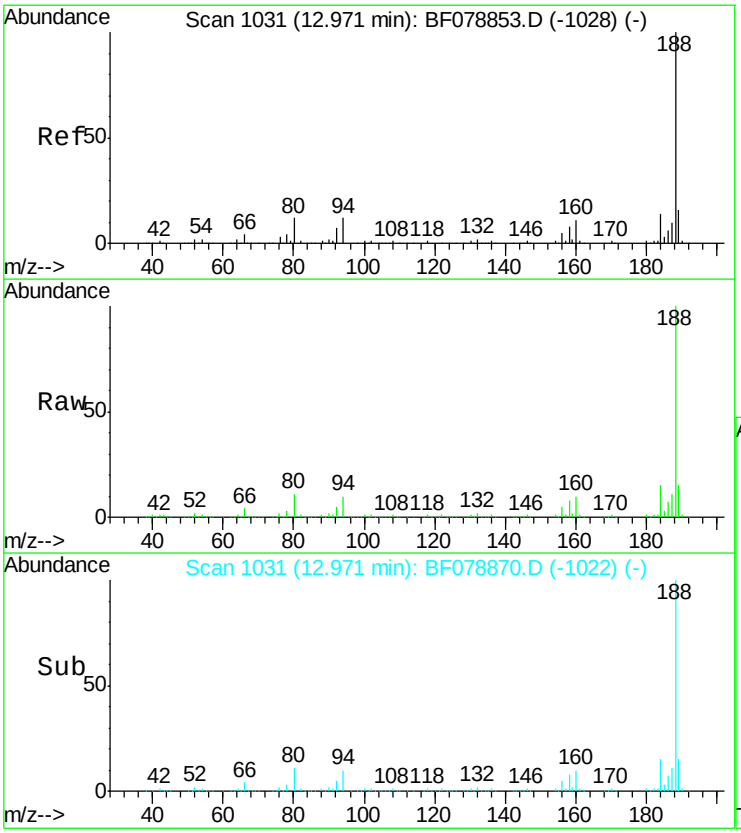
#49
Dimethylphthalate
Concen: 5.66 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:163 Resp: 67082

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.9	8.1	12.1

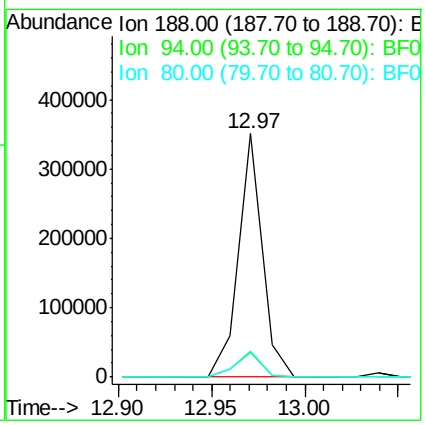


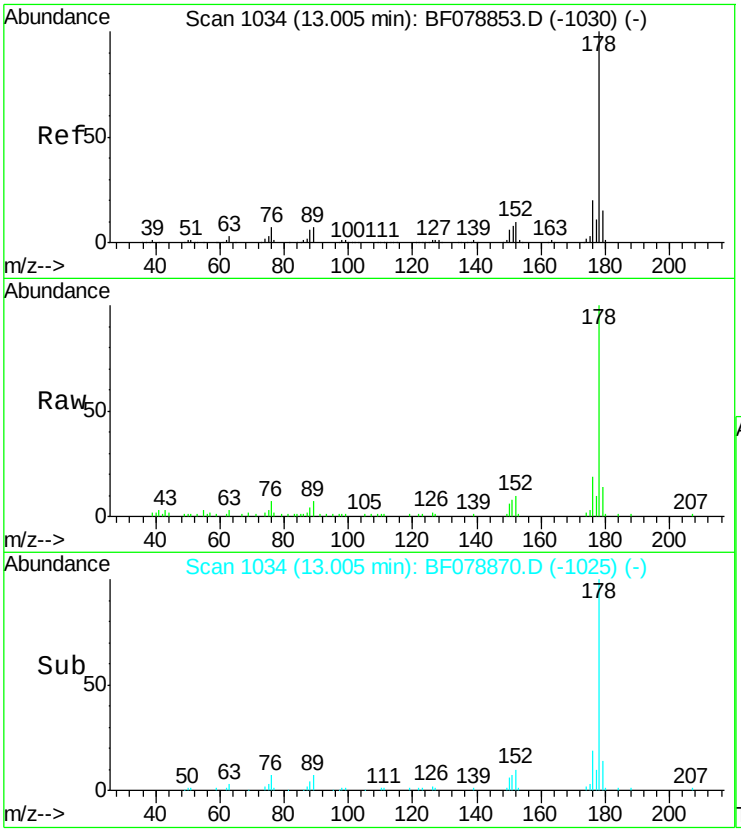


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:188 Resp: 314330

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.7	8.9	13.3



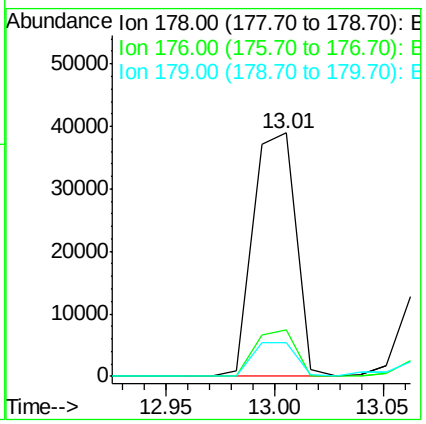


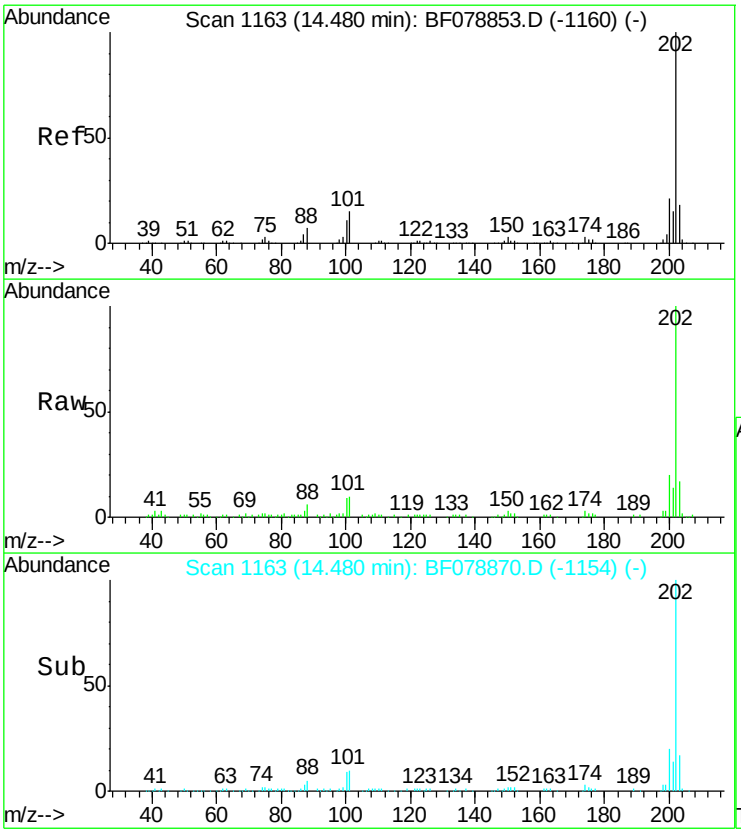
#70
Phenanthrene
Concen: 3.05 ng
RT: 13.01 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:178 Resp: 53619

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	13.9	12.5	18.7

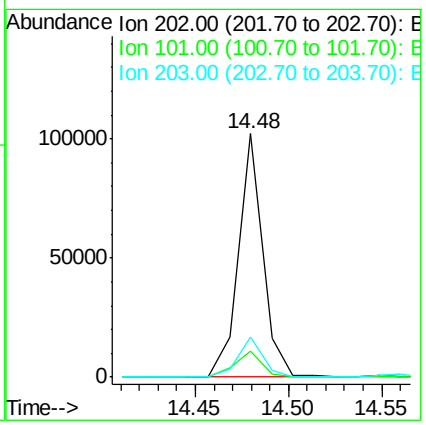


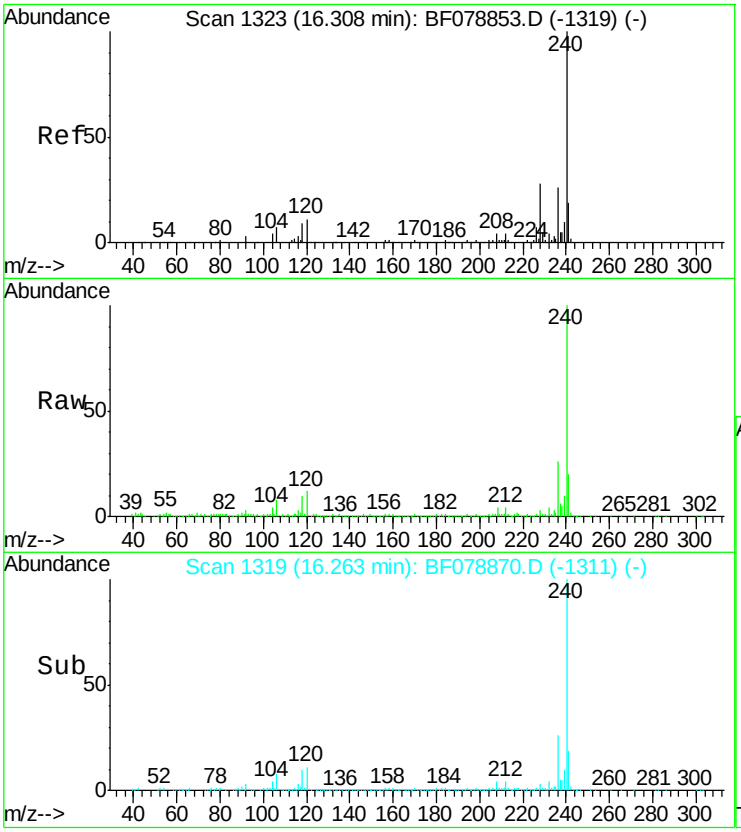


#74
Fluoranthene
Concen: 5.11 ng
RT: 14.48 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:202 Resp: 93632

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.6
203	16.6	0.0	38.4



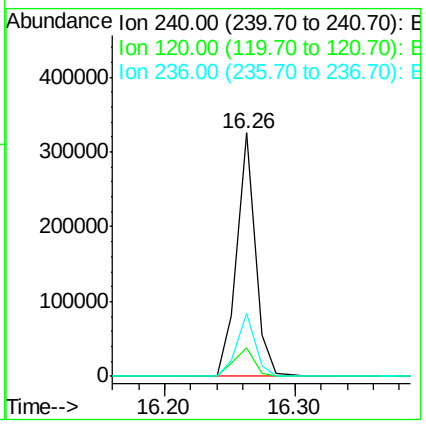


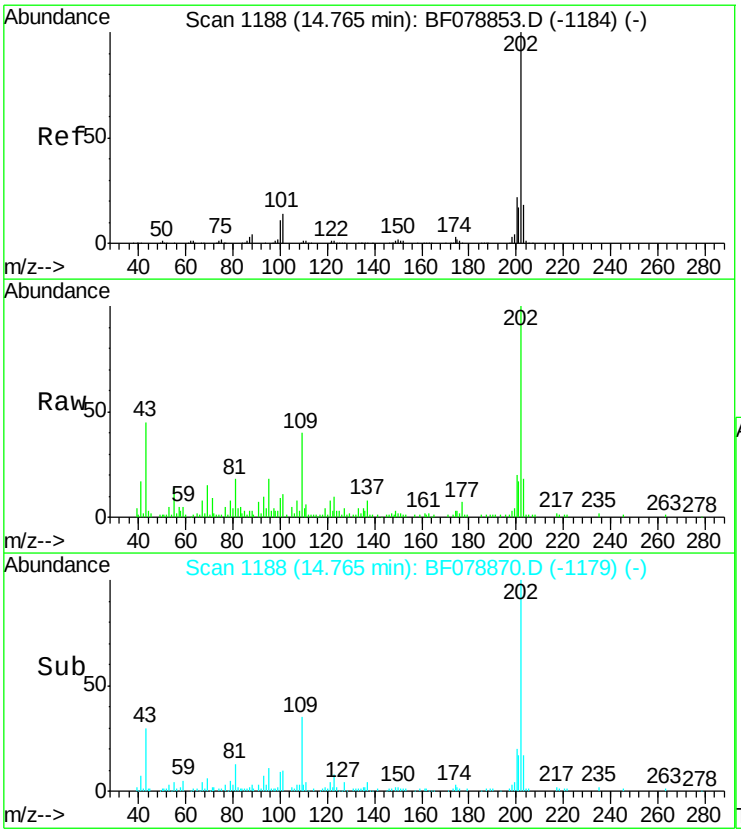
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:240 Resp: 323074

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.7	14.5
236	25.7	20.2	30.4

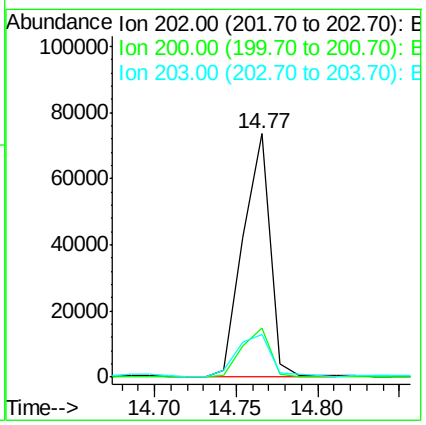


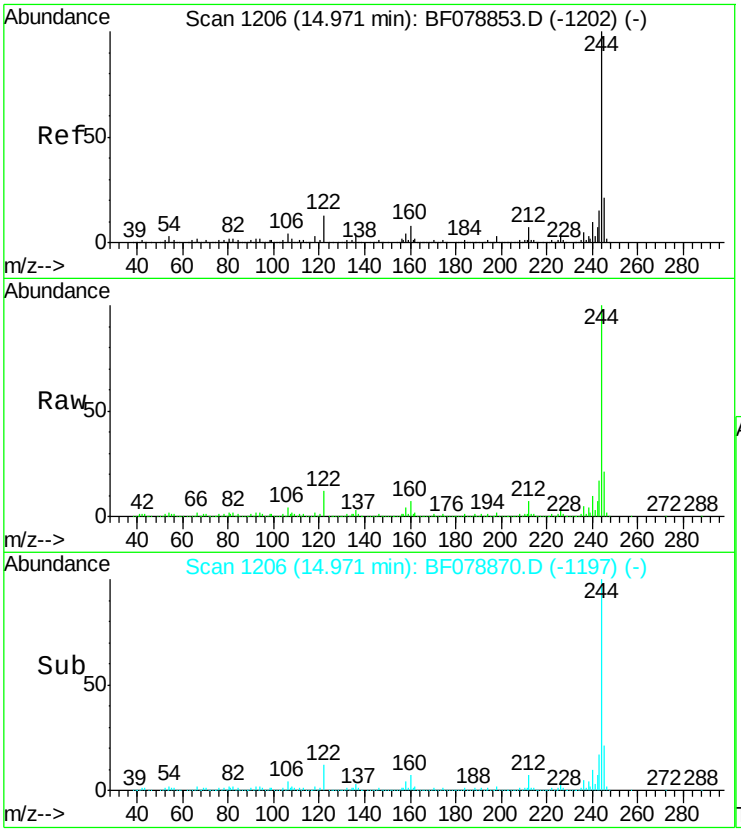


#77
Pyrene
Concen: 4.57 ng
RT: 14.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:202 Resp: 84998

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.5	26.3
203	17.6	13.9	20.9



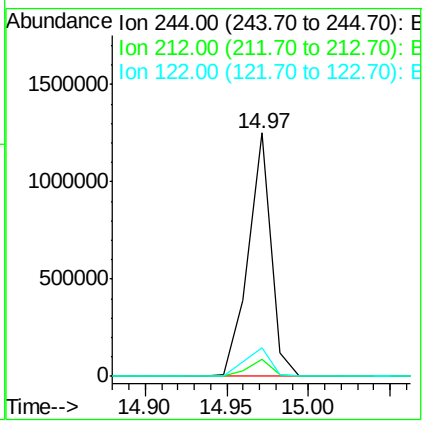


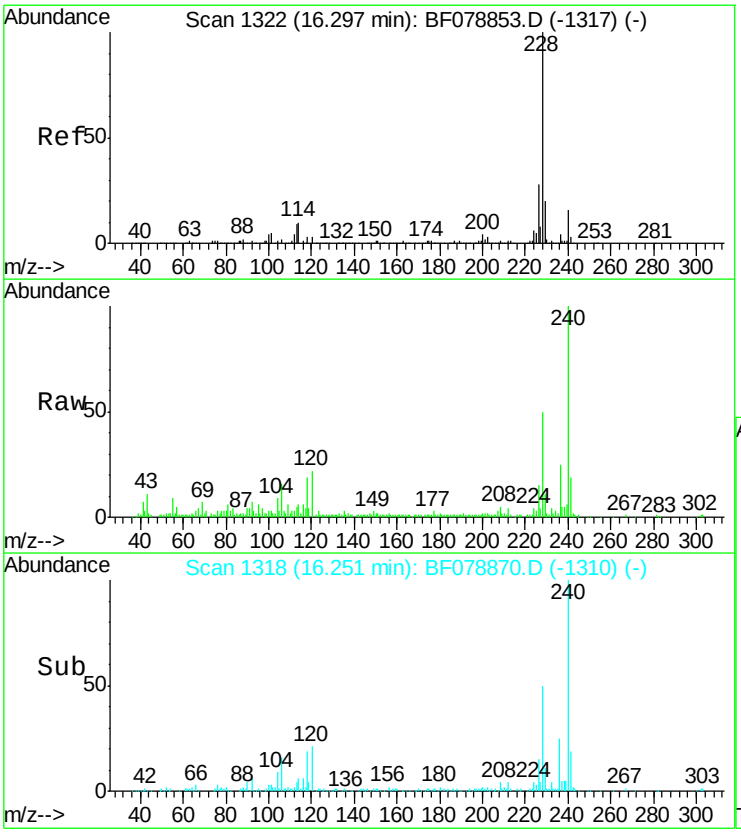
#78
Terphenyl-d14
Concen: 89.98 ng
RT: 14.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:244 Resp: 1214215

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.0	10.3	15.5

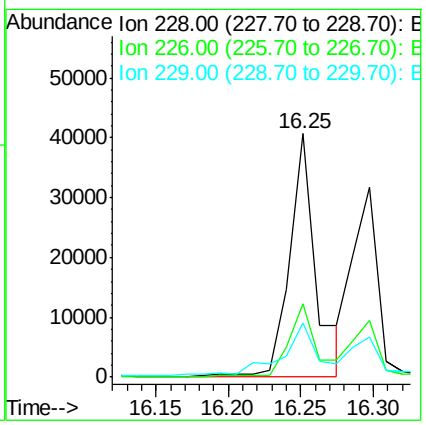


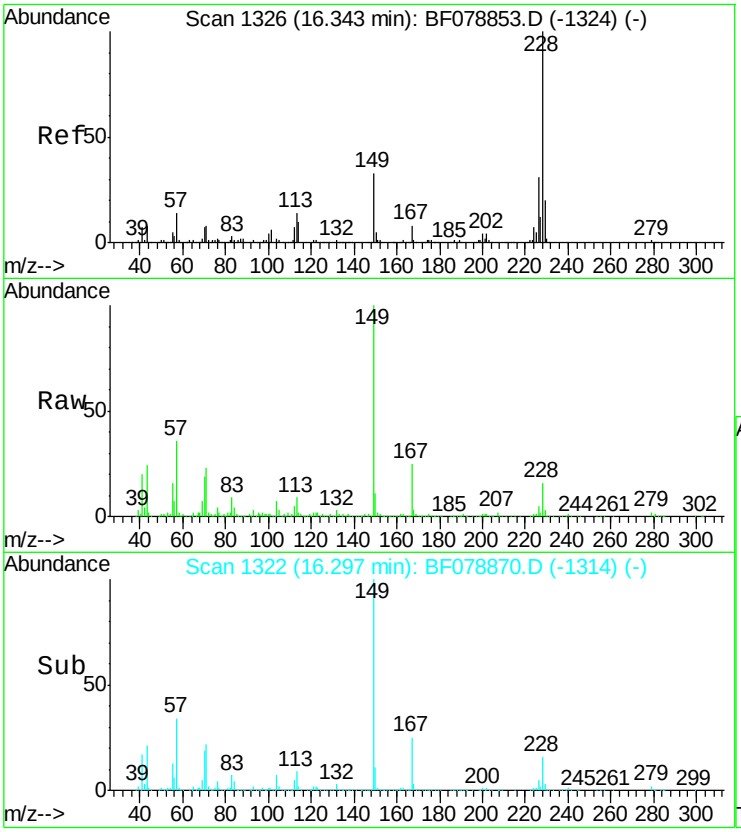


#80
Benzo(a)anthracene
Concen: 2.92 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:228 Resp: 51723

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	22.2	15.9	23.9



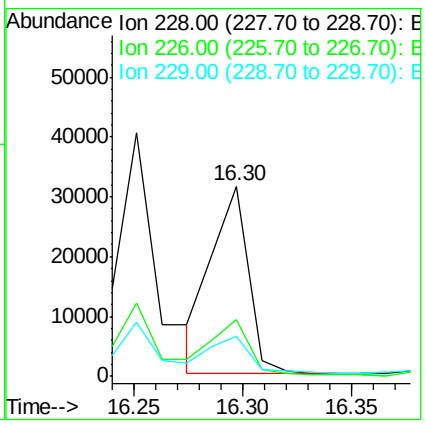


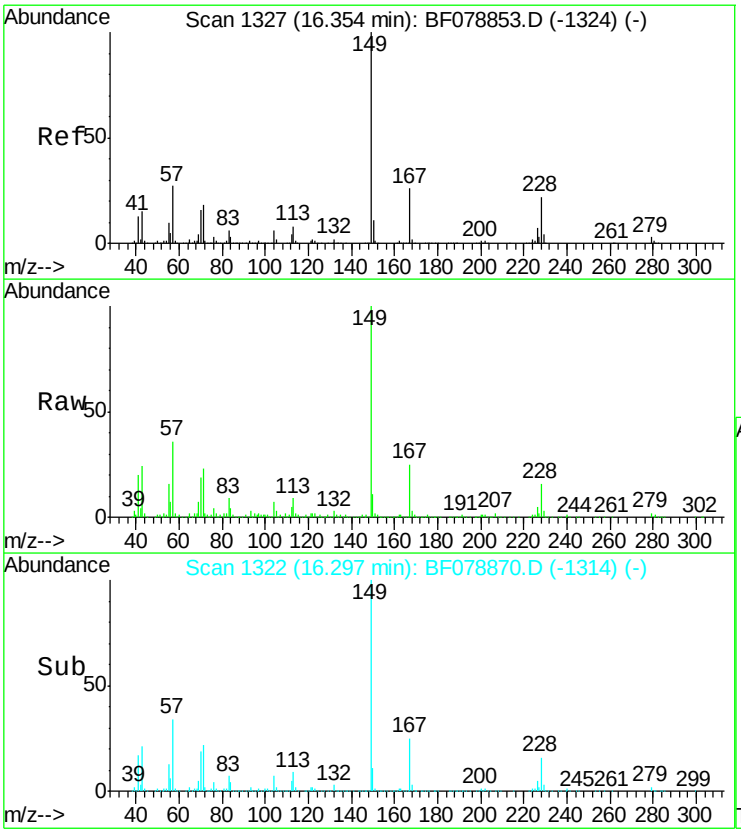
#82
Chrysene
Concen: 2.18 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:228 Resp: 37161

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	21.0	16.0	24.0

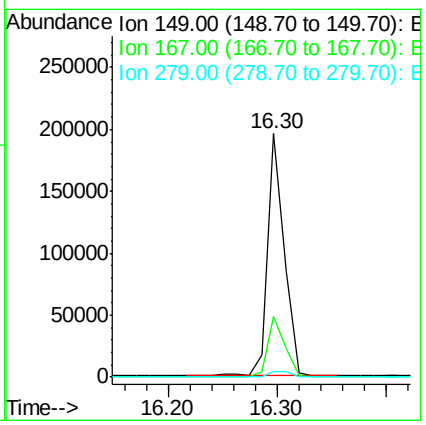


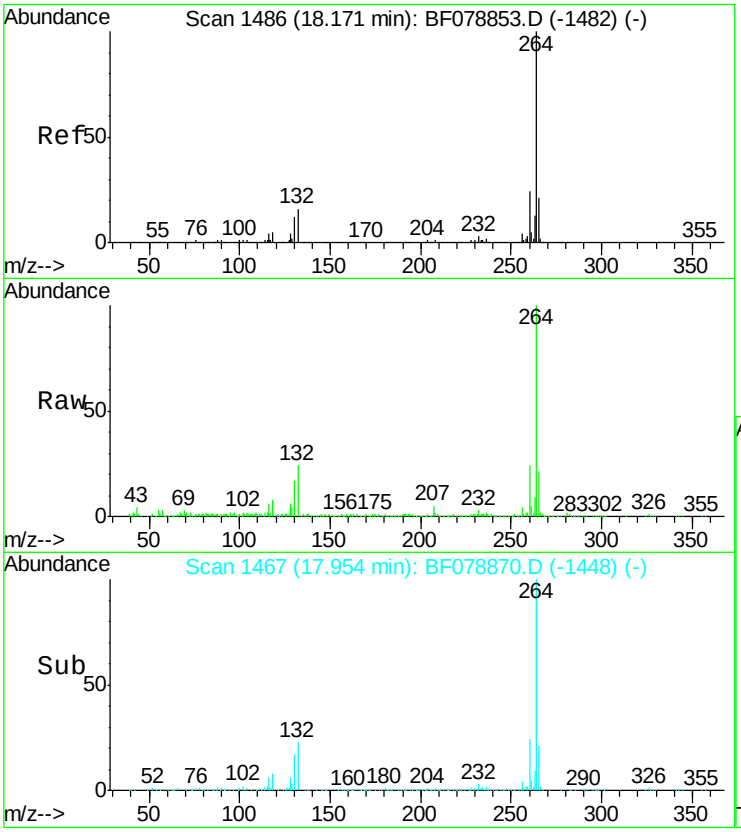


#83
Bis(2-ethylhexyl)phthalate
Concen: 16.74 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:149 Resp: 206298

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.8	32.8
279	2.3	2.9	4.3#



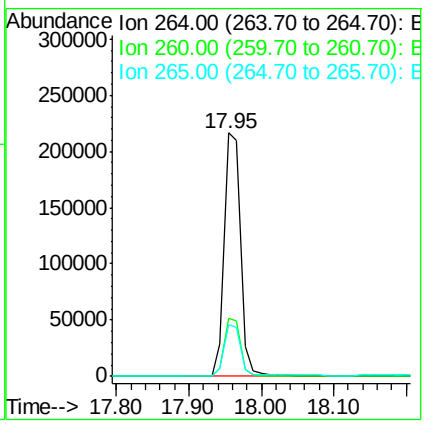


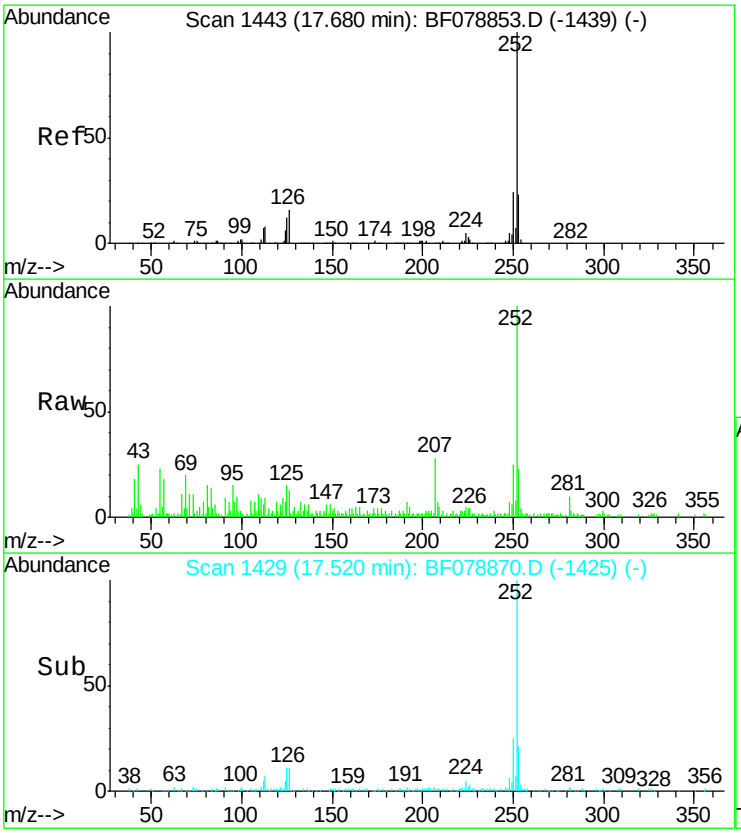
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.95 min Scan# 1467
Delta R.T. -0.08 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:264 Resp: 342047

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.4	18.3	27.5

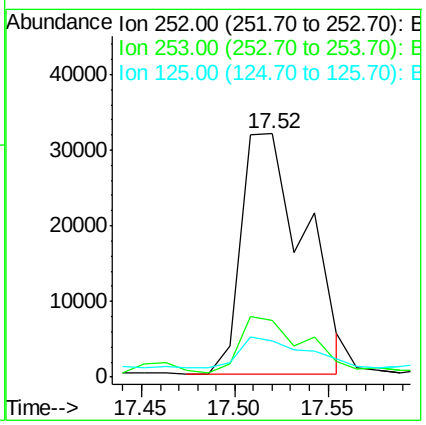


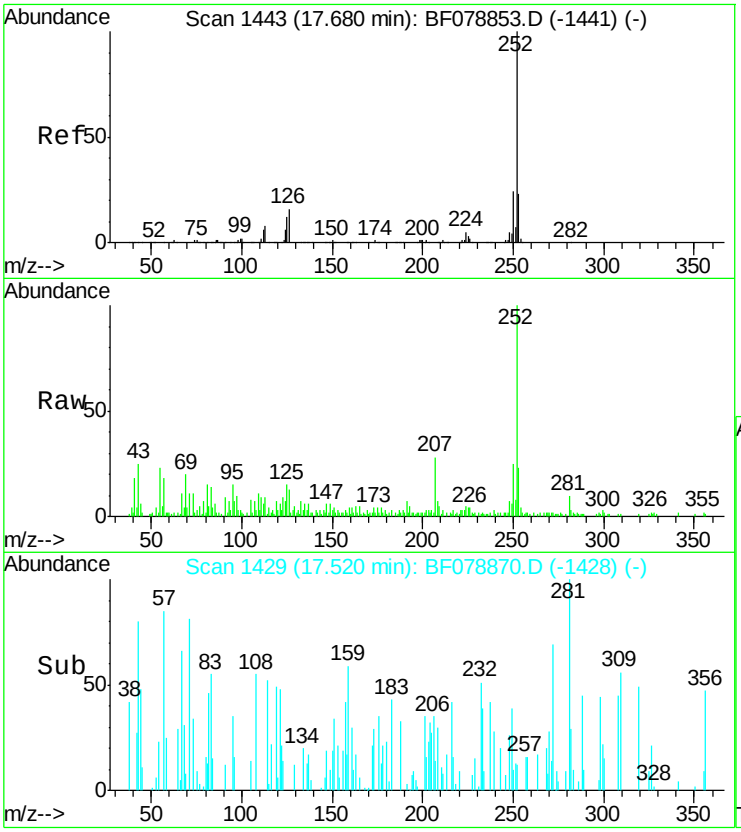


#87
Benzo(b)fluoranthene
Concen: 4.03 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.06 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:252 Resp: 75442

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	14.9	9.5	14.3#



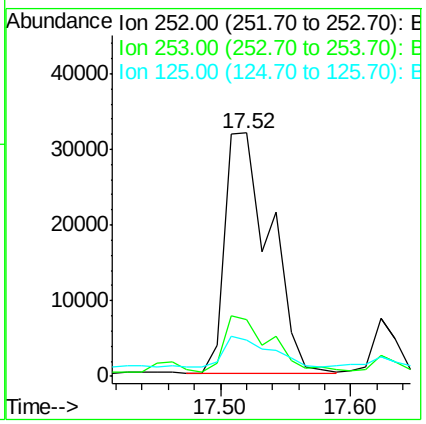


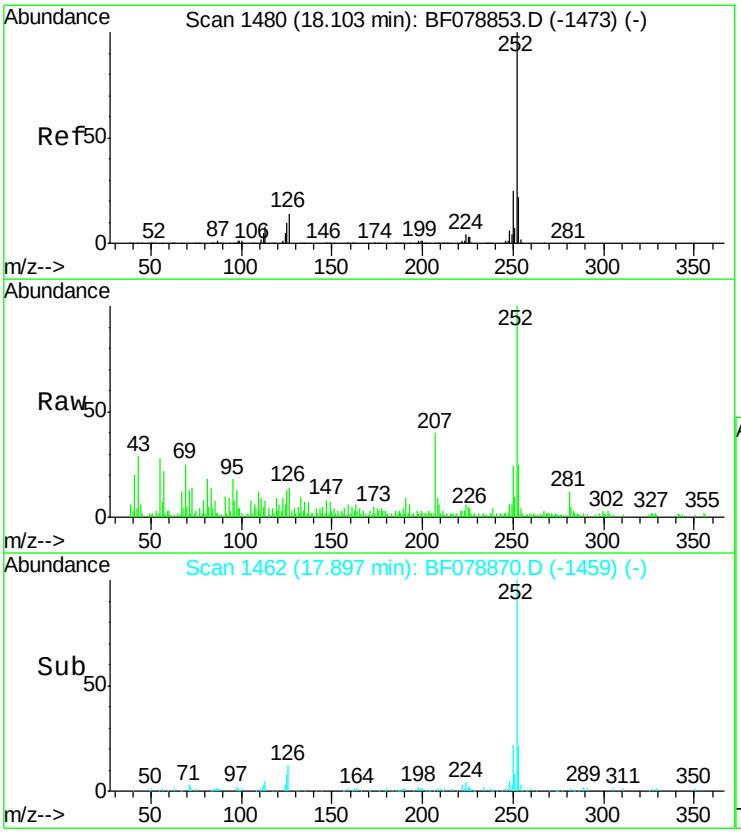
#88
Benzo(k)fluoranthene
Concen: 4.22 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.09 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tgt Ion:252 Resp: 76518

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	14.9	10.0	15.0





#89
Benzo(a)pyrene
Concen: 2.48 ng
RT: 17.90 min Scan# 1462
Delta R.T. -0.07 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion:252 Resp: 42675

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	12.7	7.0	10.6#