Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086647.D
Acq On : 3 May 2016 16:28
Operator : UM/SJ
Sample : H2685-05 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2B-CS-2(0-10FTBGS)

Quant Time: May 04 02:30:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167572	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	664133	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	296325	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	453650	20.00	ng		-0.06
75) Chrysene-d12	13.91	240	333670	20.00	ng		-0.06
86) Perylene-d12	15.30	264	313389	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	702599	72.32	ng		-0.06
7) Phenol-d6	6.38	99	984720	72.62	ng		-0.06
23) Nitrobenzene-d5	7.32	82	630704	51.19	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	189293	60.57	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	952891	50.67	ng		-0.06
78) Terphenyl-d14	12.85	244	609543	40.25	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	80601	8.99	ng	#	81
49) Dimethylphthalate	9.52	163	157218	7.05	ng		98
56) 2,4-Dinitrotoluene	9.79	165	38416	6.54	ng	#	16
66) 4-Bromophenyl-phenylether	10.58	248	11004	2.35	ng	#	1
70) Phenanthrene	11.29	178	58812	2.47	ng		99
74) Fluoranthene	12.48	202	103598	4.31	ng		96
77) Pyrene	12.71	202	92099	3.83	ng		99
80) Benzo(a)anthracene	13.89	228	55549	3.12	ng		95
82) Chrysene	13.89	228	55549	2.87	ng		96
87) Benzo(b)fluoranthene	14.90	252	82096	4.45	ng		95
88) Benzo(k)fluoranthene	14.90	252	82096	4.27	ng	#	93
89) Benzo(a)pyrene	15.23	252	36575	2.10	ng	#	84

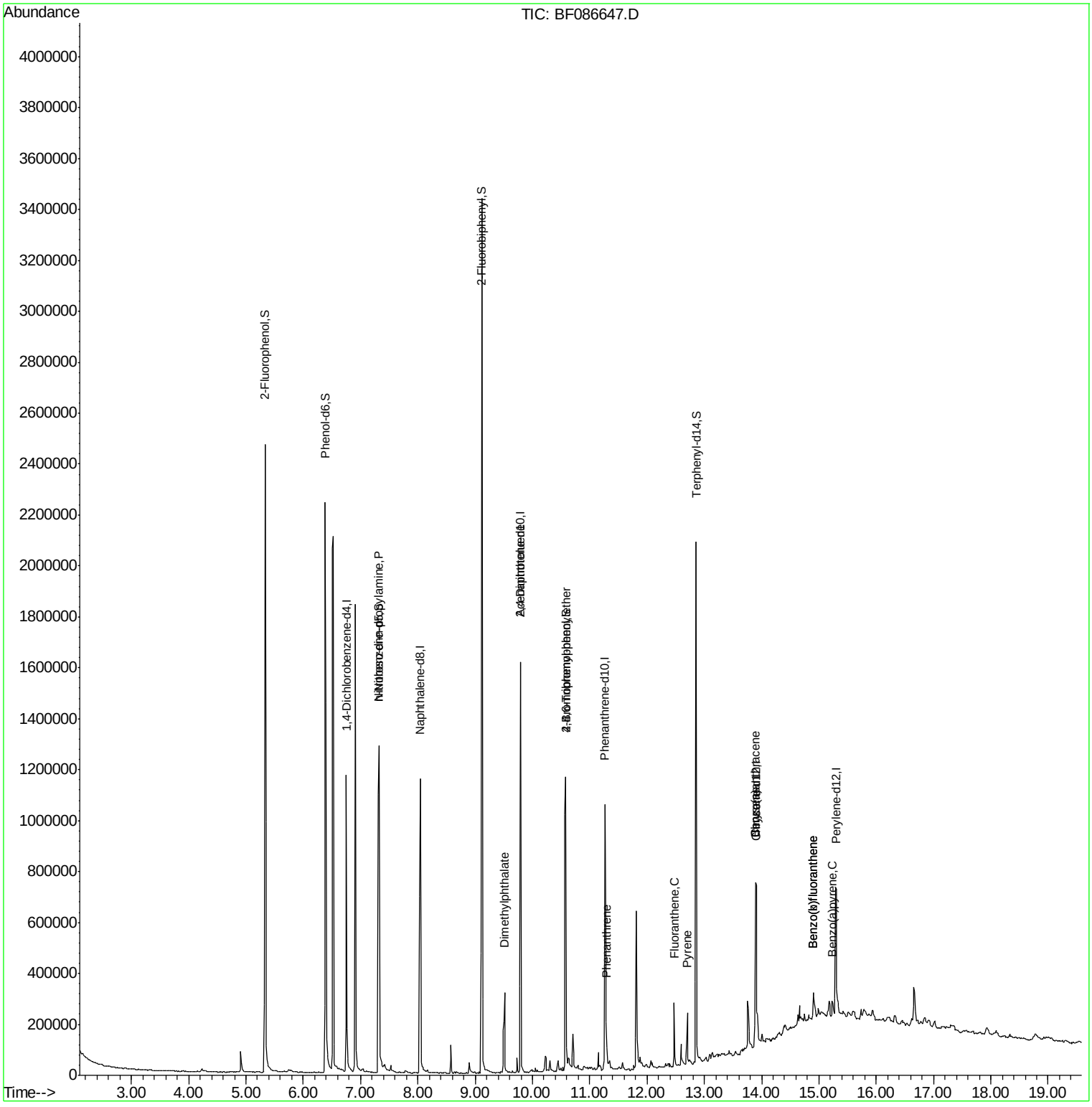
(#) = qualifier out of range (m) = manual integration (+) = signals summed

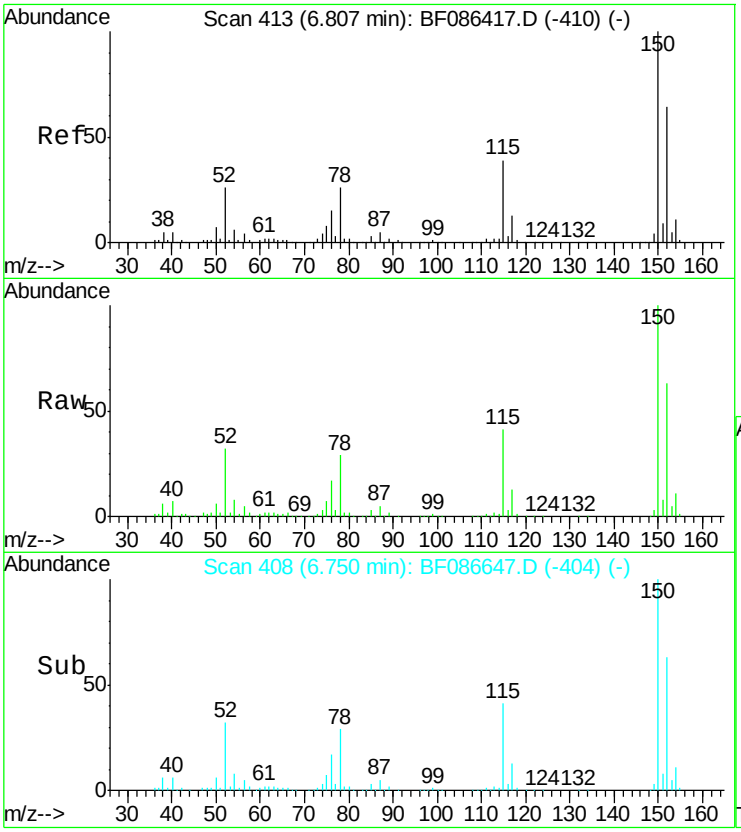
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086647.D
Acq On : 3 May 2016 16:28
Operator : UM/SJ
Sample : H2685-05 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Quant Time: May 04 02:30:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration



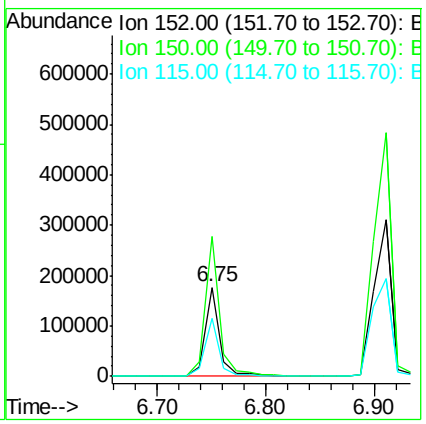


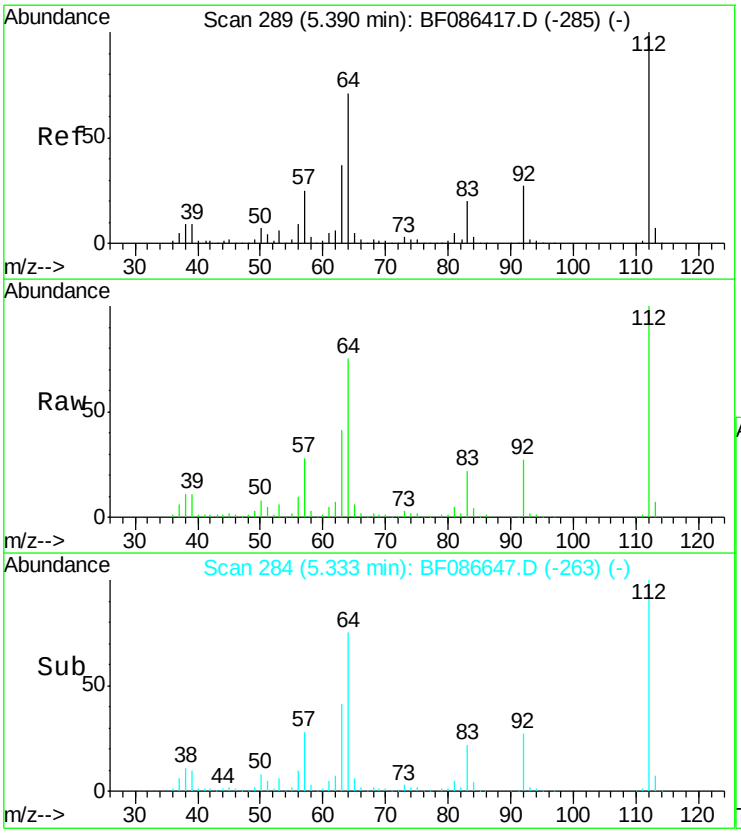
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:152 Resp: 167572

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.8	188.6
115	64.7	51.5	77.3

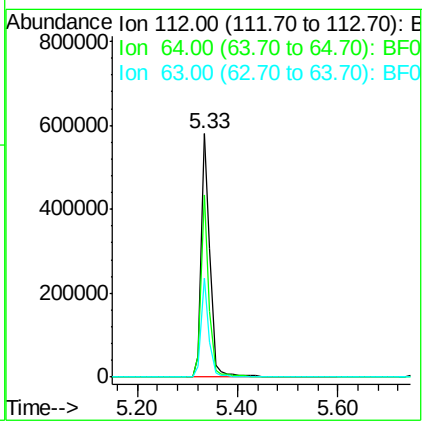


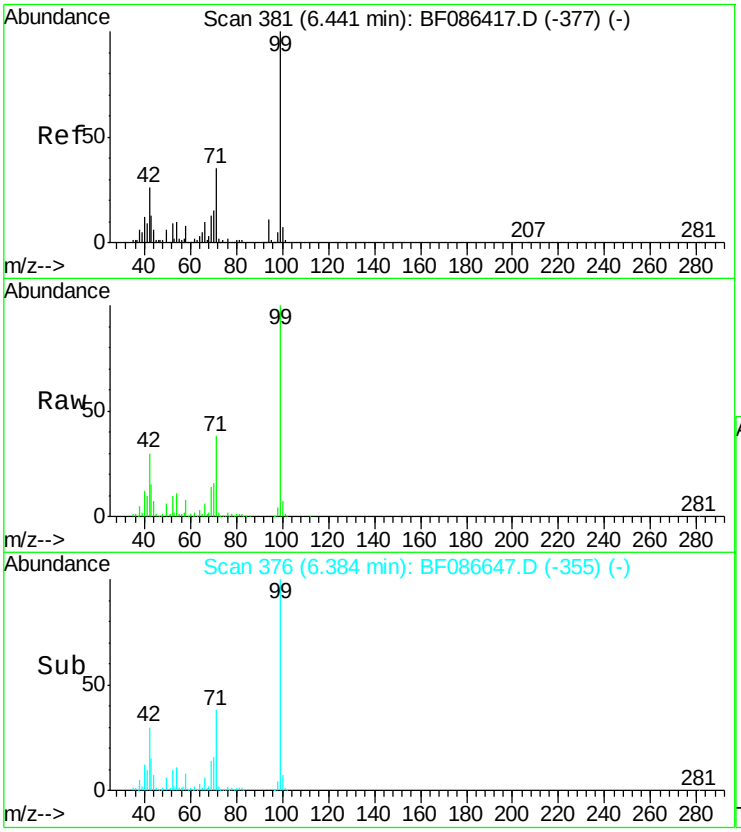


#5
2-Fluorophenol
Concen: 72.32 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:112 Resp: 702599

Ion	Ratio	Lower	Upper
112	100		
64	75.0	52.1	78.1
63	40.7	25.7	38.5#



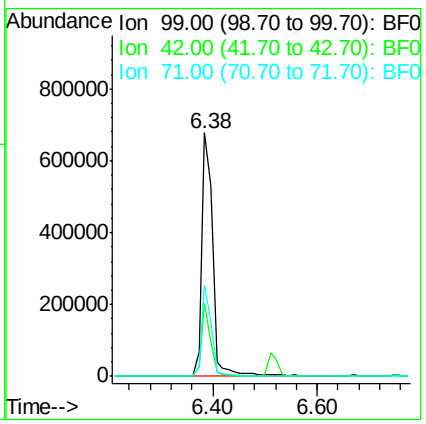


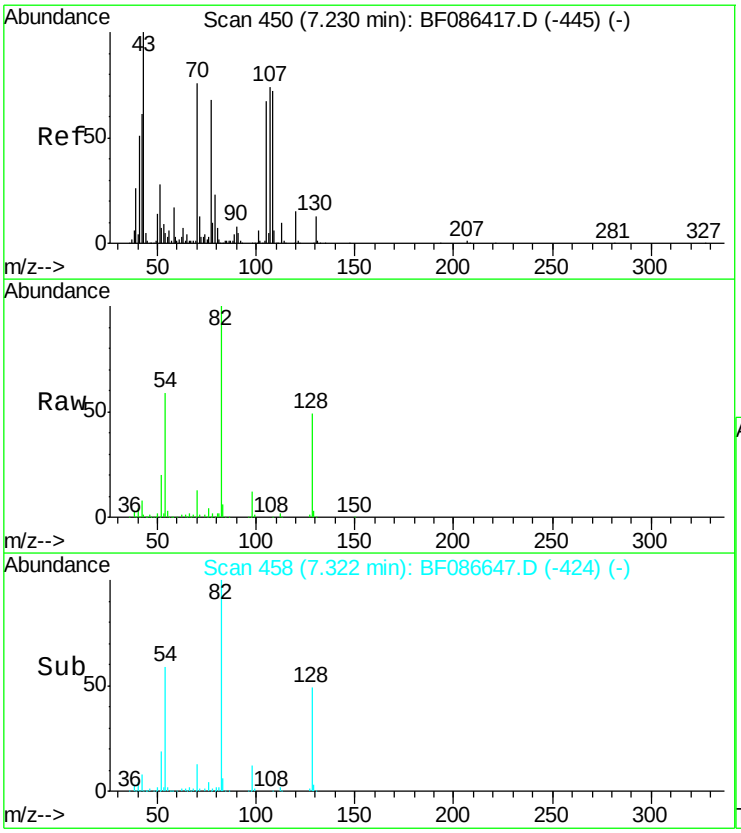
#7
Phenol-d6
Concen: 72.62 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion: 99 Resp: 984720

Ion	Ratio	Lower	Upper
99	100		
42	30.2	13.6	20.4#
71	37.5	24.6	36.8#

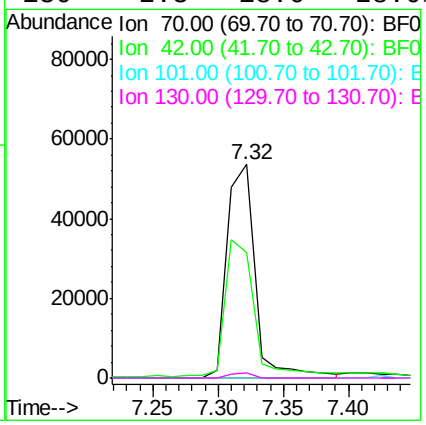


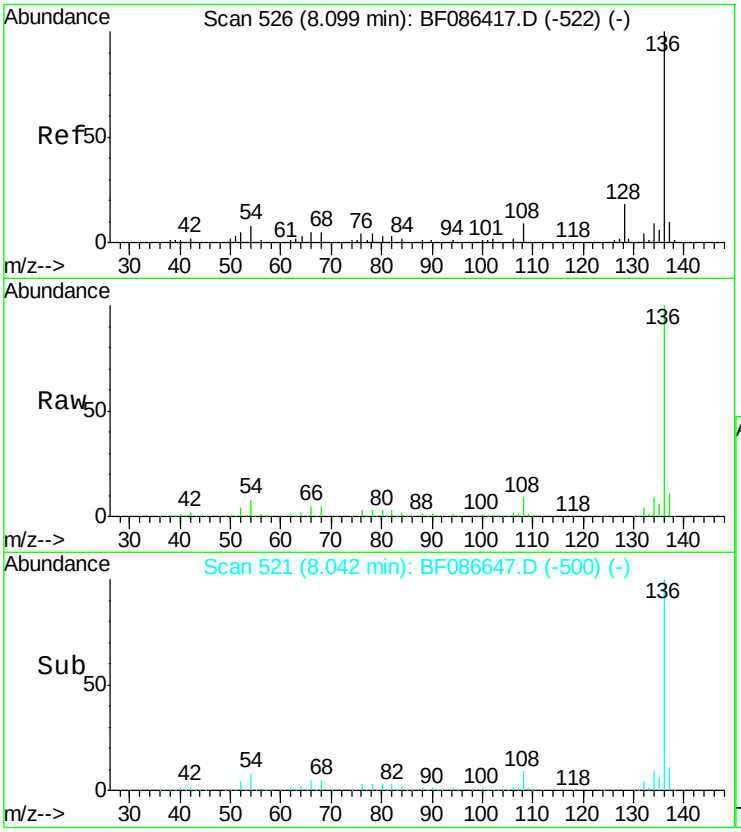


#19
n-Nitroso-di-n-propylamine
Concen: 8.99 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion: 70 Resp: 80601

Ion	Ratio	Lower	Upper
70	100		
42	58.9	43.1	64.7
101	0.0	8.1	12.1#
130	2.3	18.6	28.0#



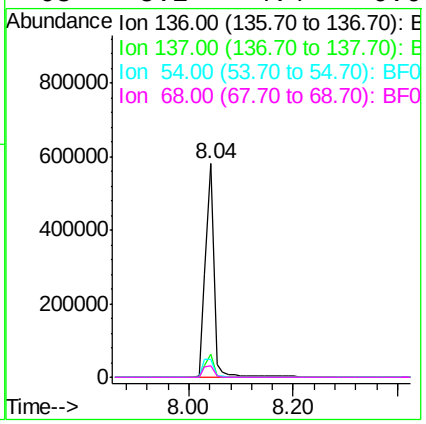


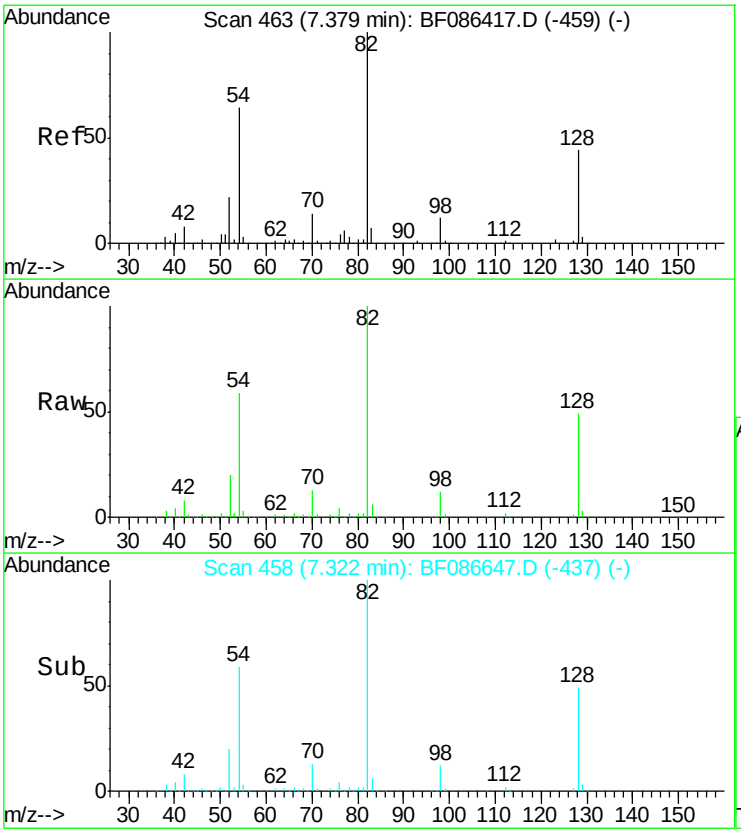
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:136 Resp: 664133

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	5.0	7.4#
68	5.2	4.4	6.6

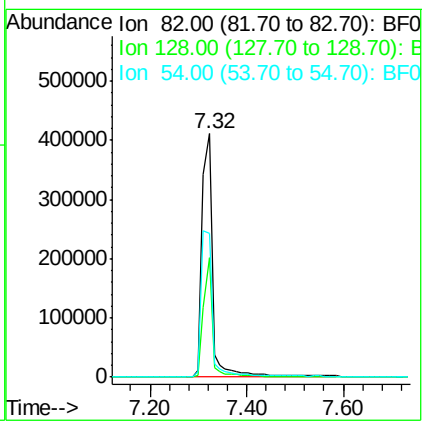


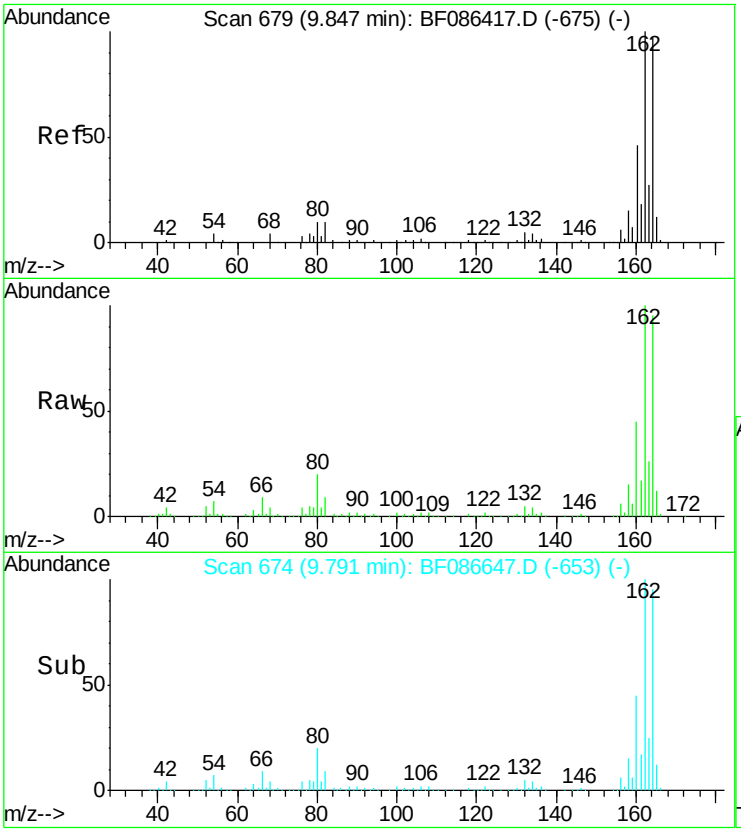


#23
Nitrobenzene-d5
Concen: 51.19 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion: 82 Resp: 630704

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.6	61.0
54	59.3	38.1	57.1#



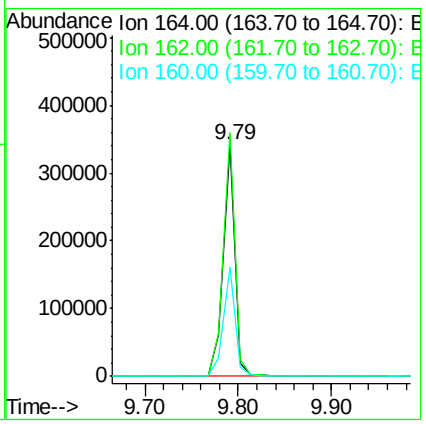


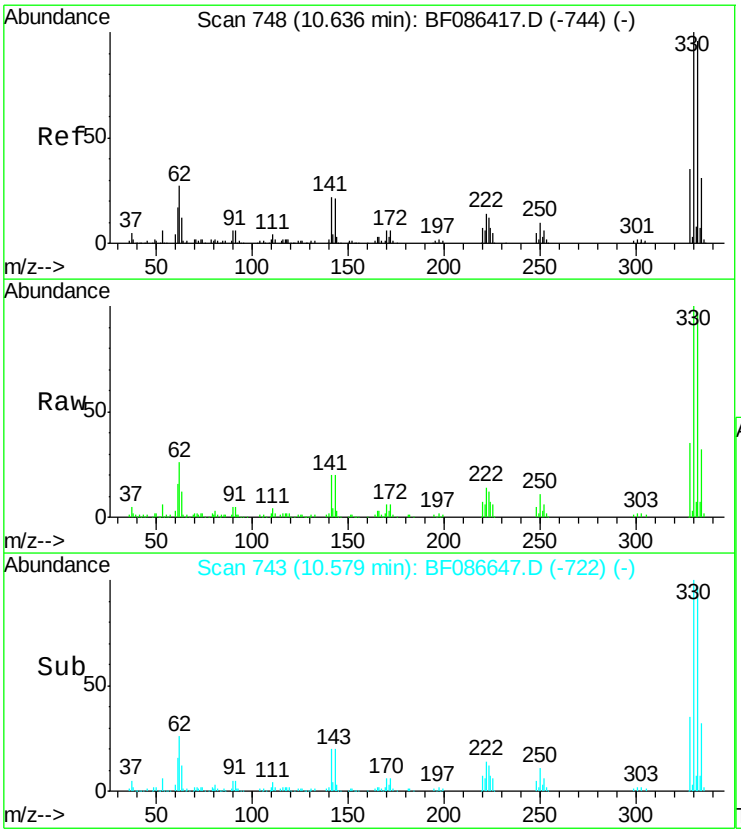
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:164 Resp: 296325

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.8	124.2
160	47.3	36.9	55.3

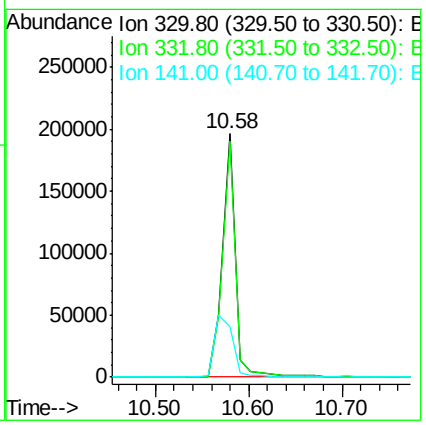


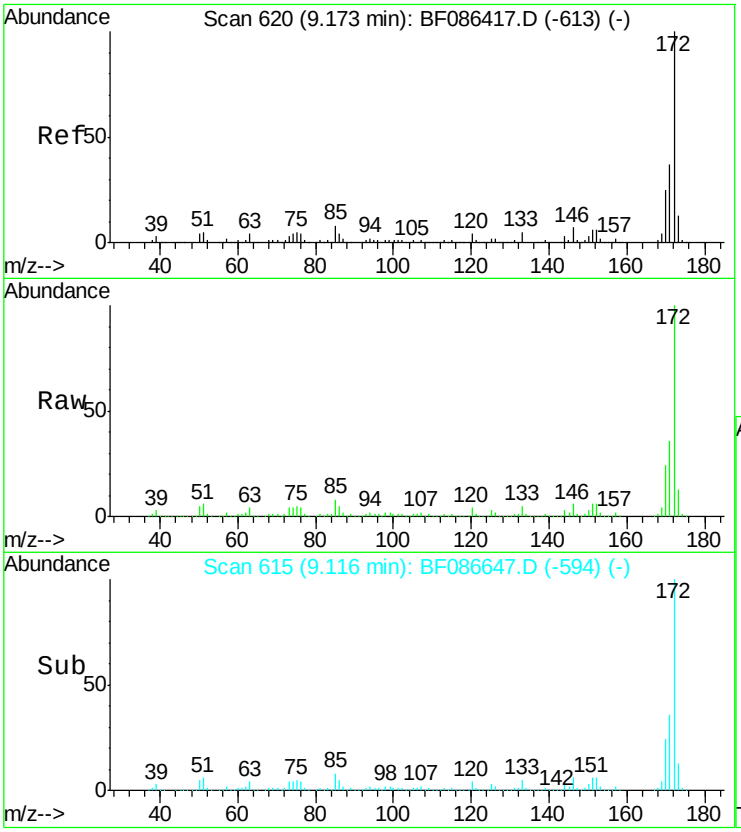


#41
2,4,6-Tribromophenol
Concen: 60.57 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:330 Resp: 189293

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	36.4	31.2	46.8



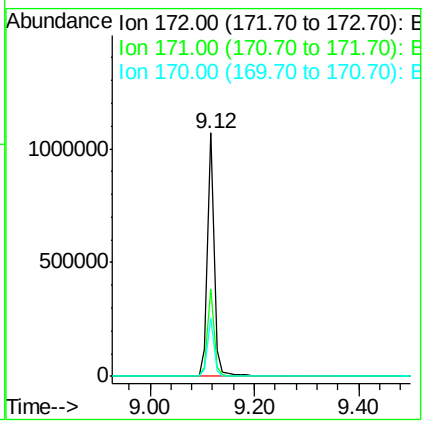


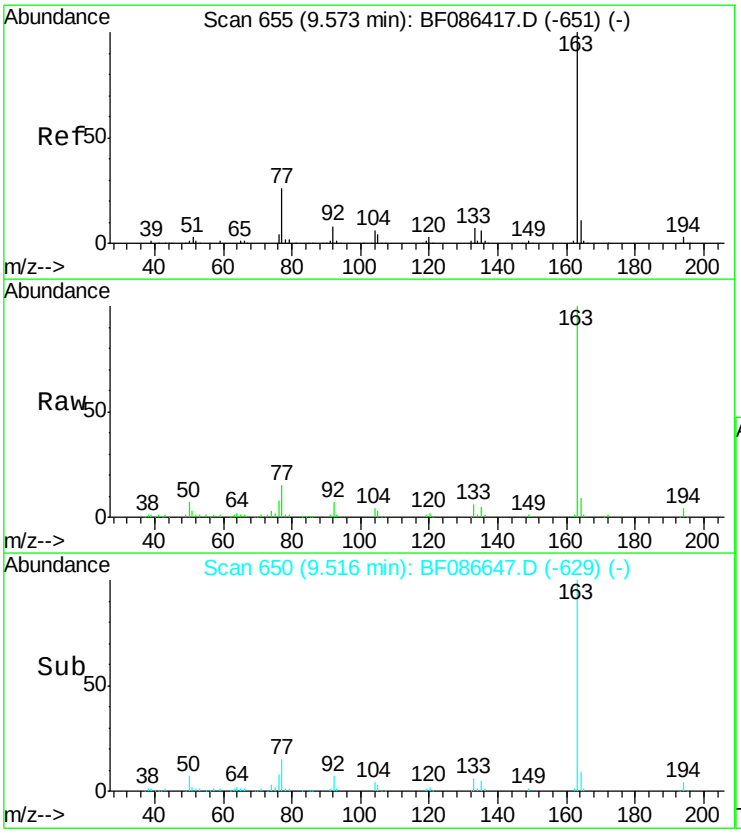
#44
2-Fluorobiphenyl
Concen: 50.67 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:172 Resp: 952891

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.0	19.8	29.8

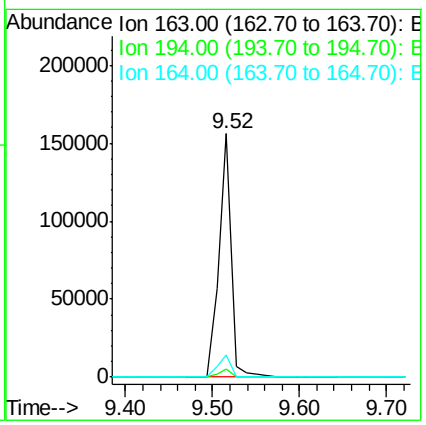


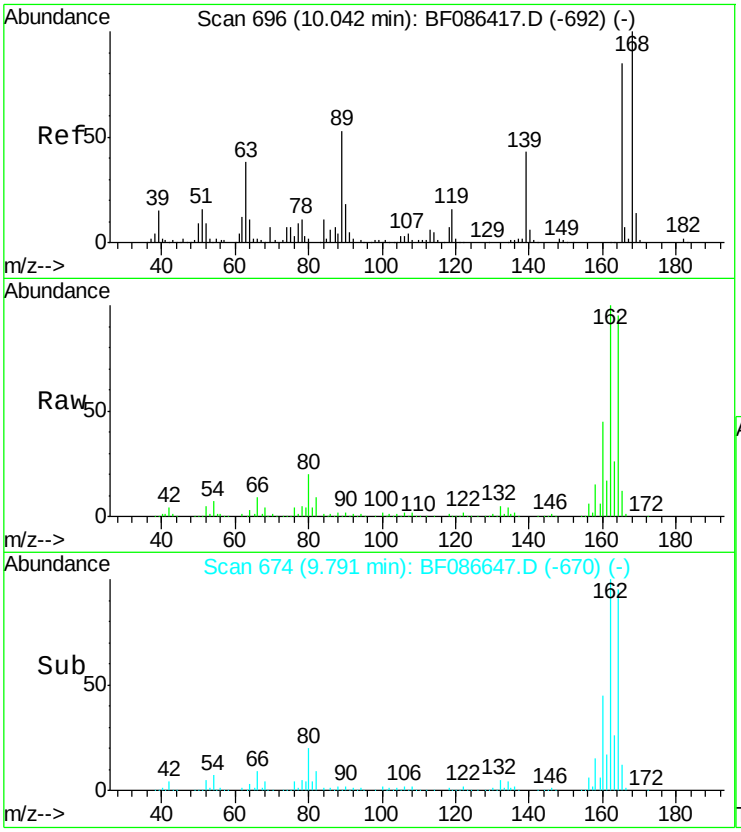


#49
Dimethylphthalate
Concen: 7.05 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:163 Resp: 157218

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.3	8.2	12.4



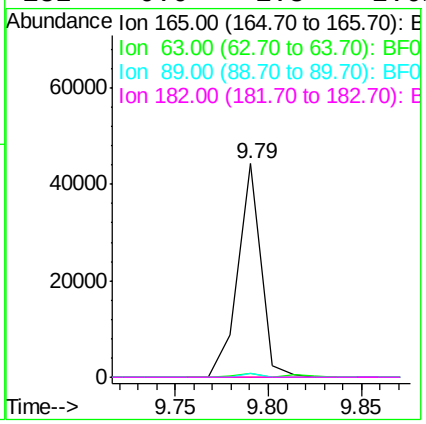


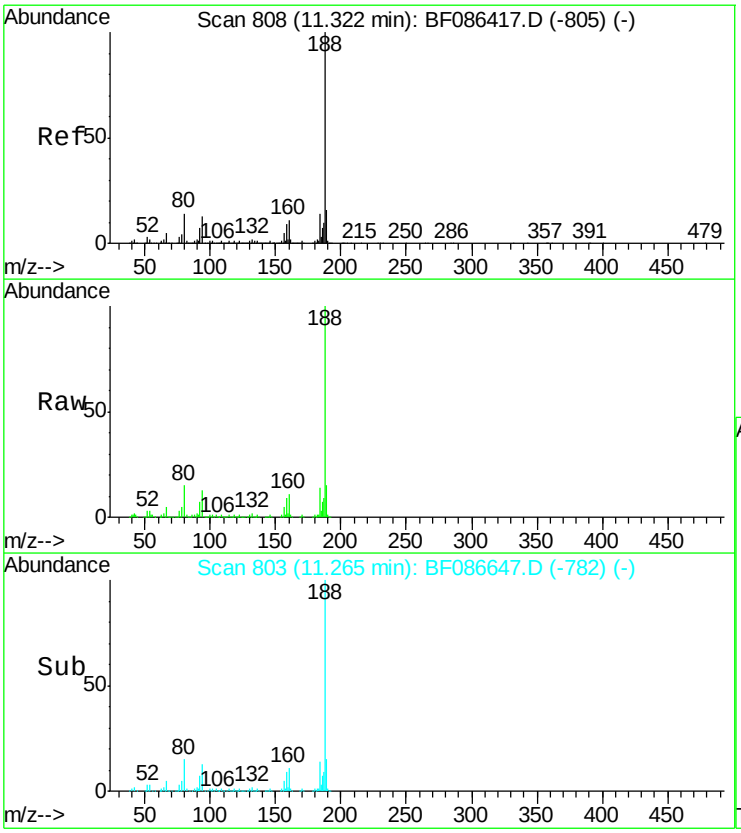
#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:165 Resp: 38416

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#

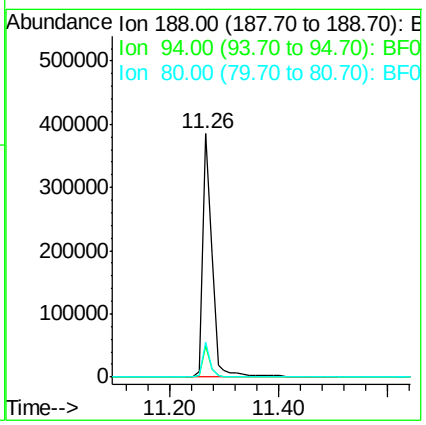


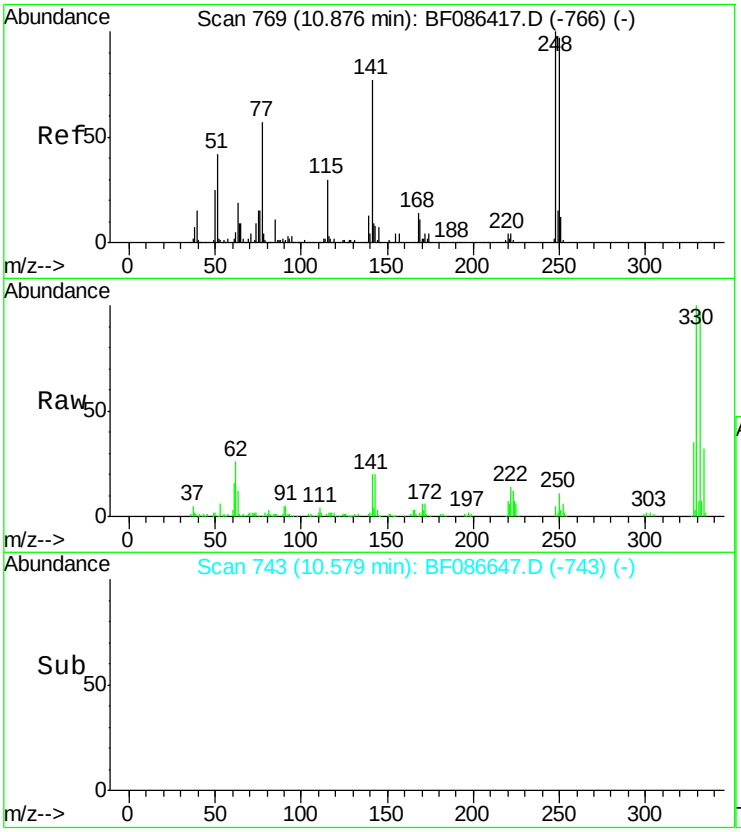


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:188 Resp: 453650

Ion	Ratio	Lower	Upper
188	100		
94	12.7	6.8	10.2#
80	14.5	7.1	10.7#



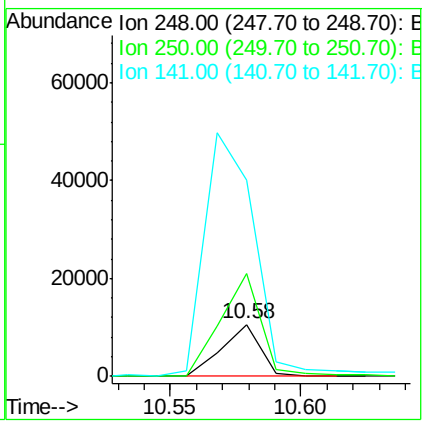


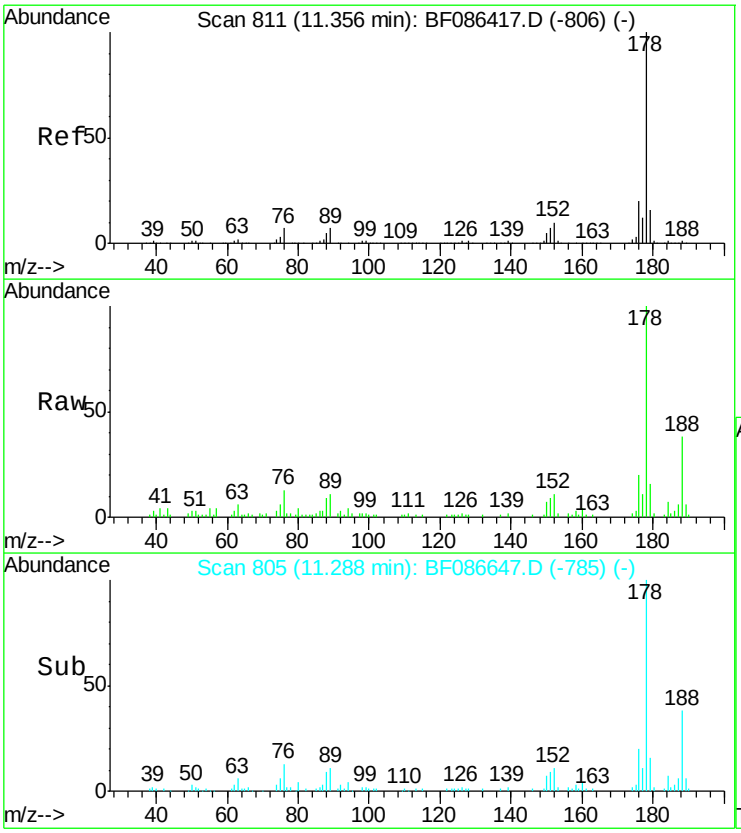
#66
4-Bromophenyl-phenylether
Concen: 2.35 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:248 Resp: 11004

Ion	Ratio	Lower	Upper
248	100		
250	197.8	78.6	117.8#
141	377.1	76.0	114.0#

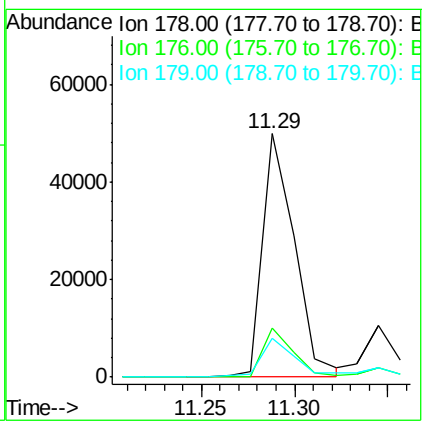


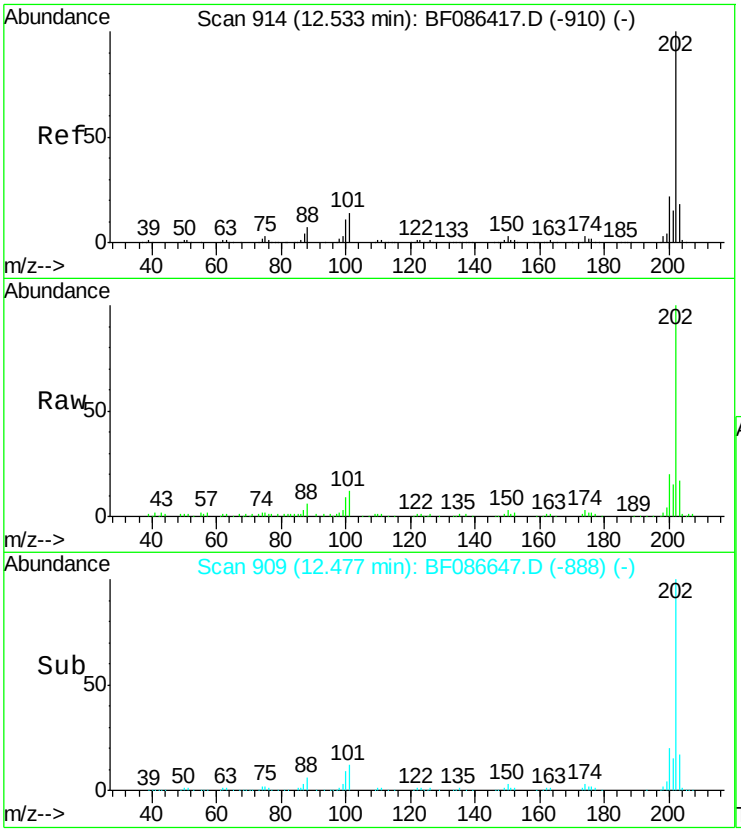


#70
Phenanthrene
Concen: 2.47 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.07 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:178 Resp: 58812

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.1	12.6	18.8



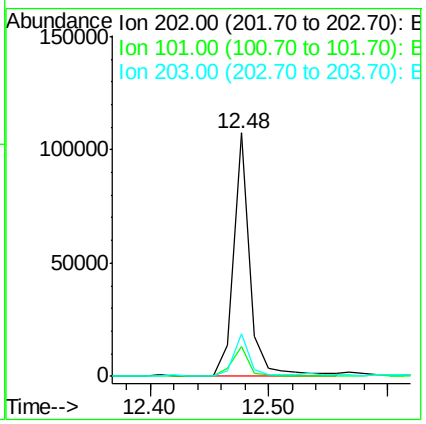


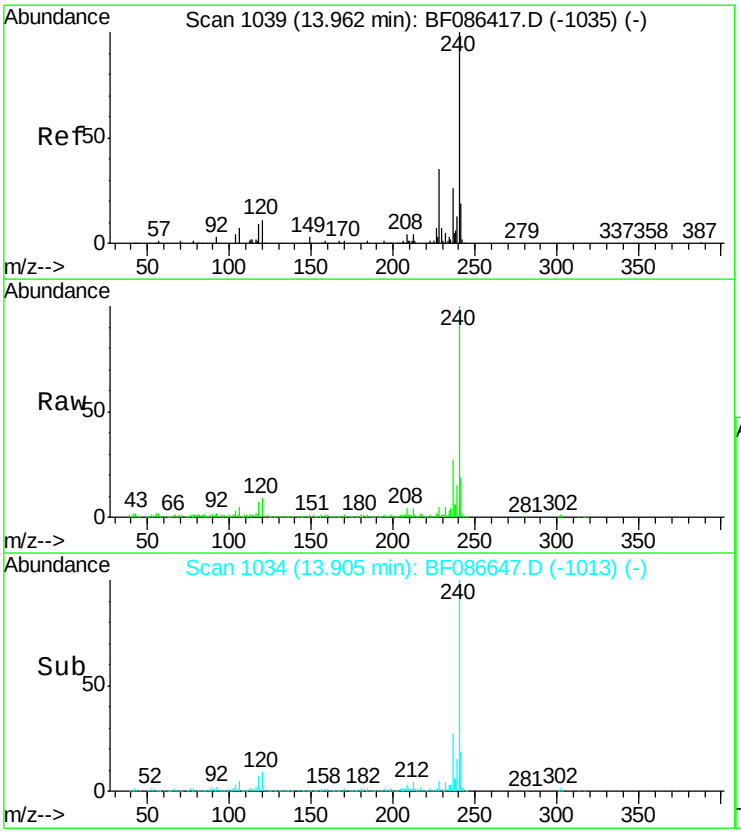
#74
Fluoranthene
Concen: 4.31 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:202 Resp: 103598

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	35.4
203	17.4	0.0	38.1

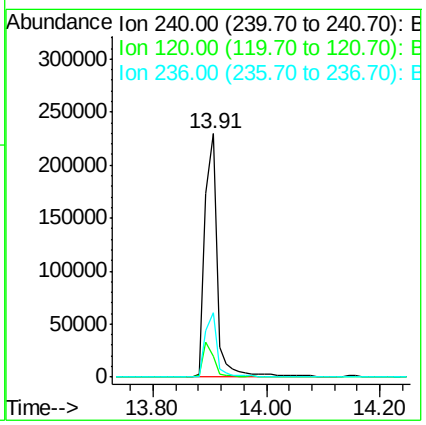


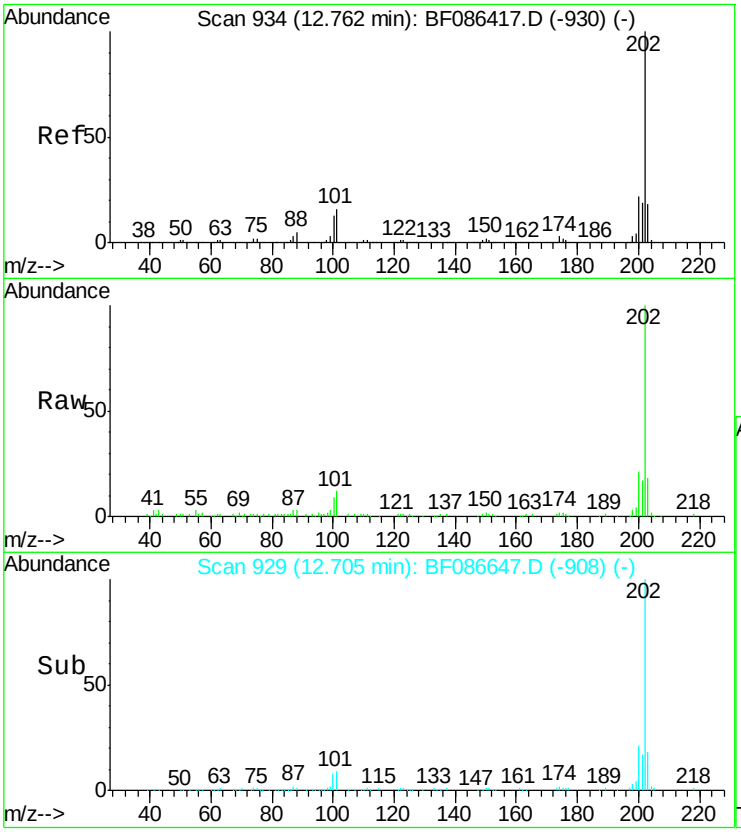


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:240 Resp: 333670

Ion	Ratio	Lower	Upper
240	100		
120	8.6	11.2	16.8#
236	26.6	21.2	31.8



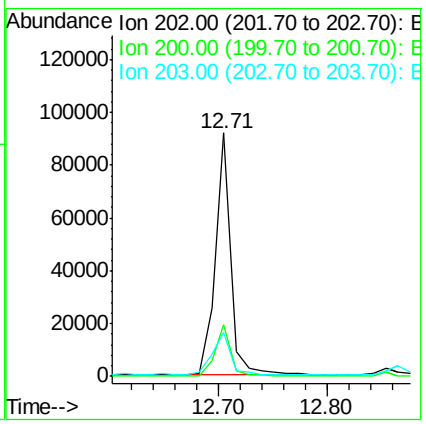


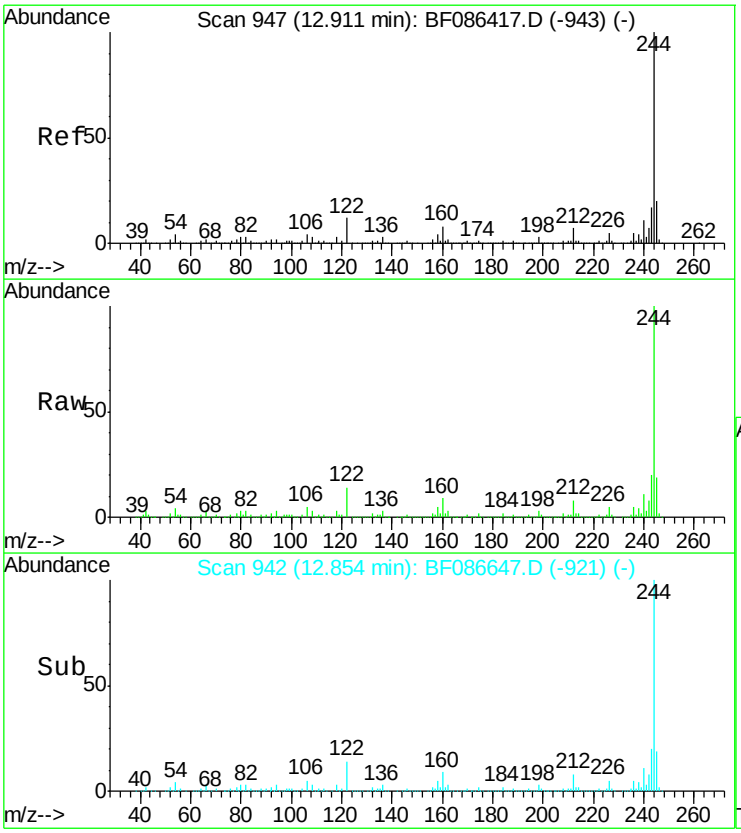
#77
Pyrene
Concen: 3.83 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:202 Resp: 92099

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.0	14.2	21.4

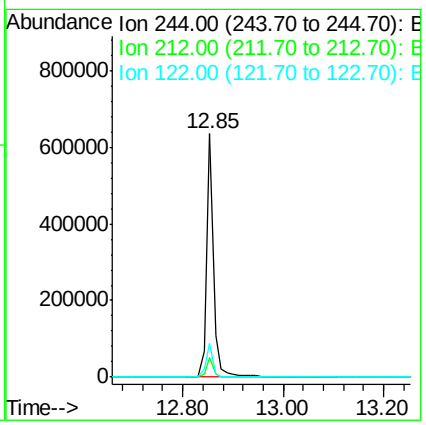


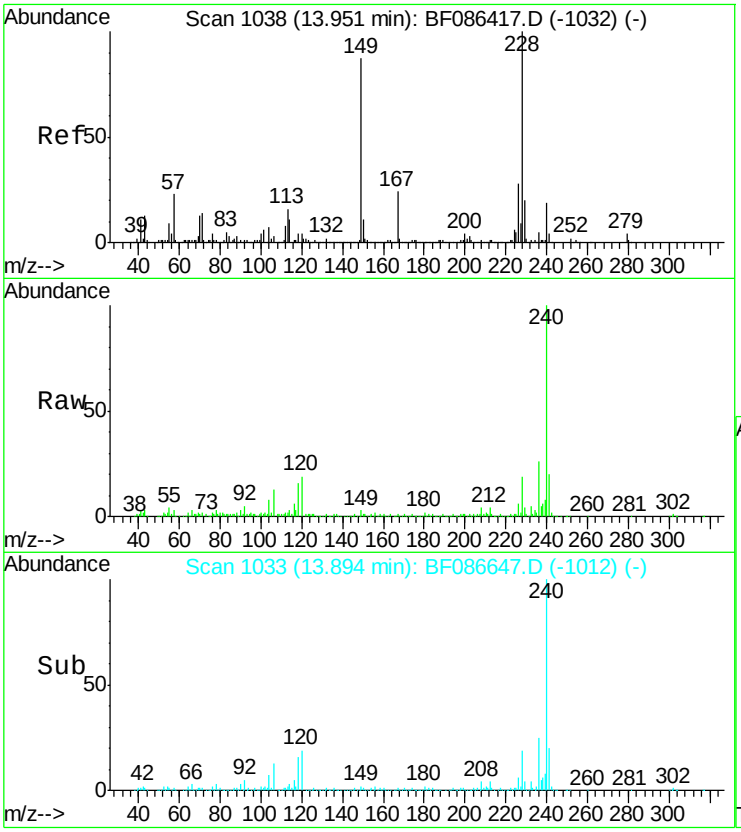


#78
Terphenyl-d14
Concen: 40.25 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:244 Resp: 609543

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.8	12.0	18.0



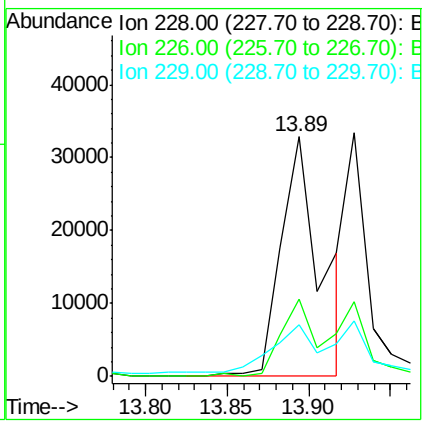


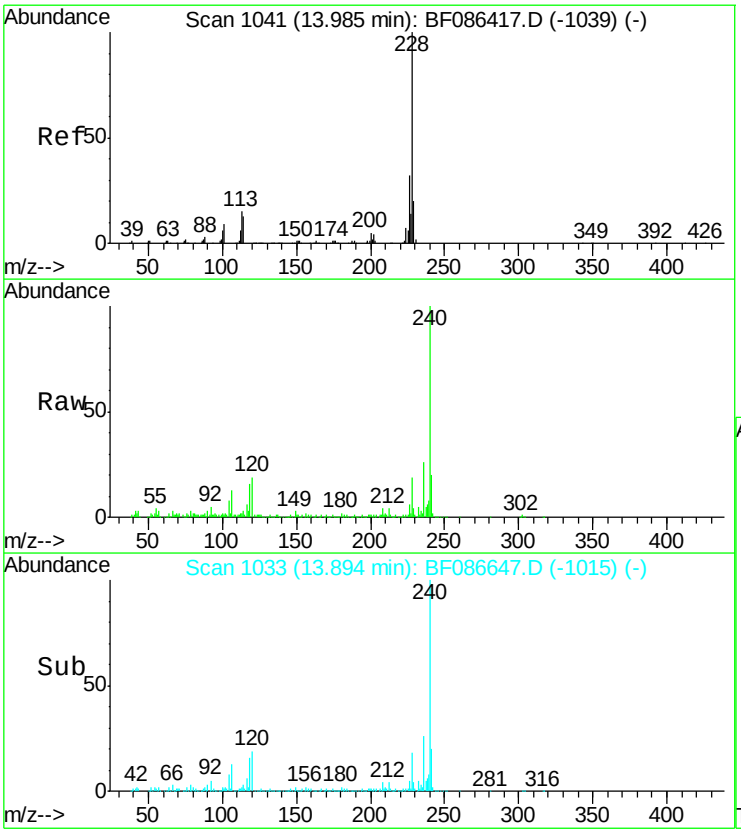
#80
Benzo(a)anthracene
Concen: 3.12 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:228 Resp: 55549

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.5	33.7
229	21.8	16.6	25.0

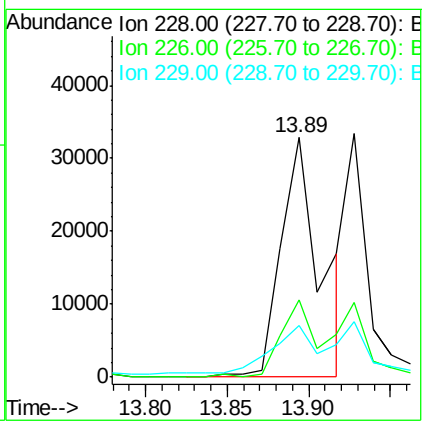


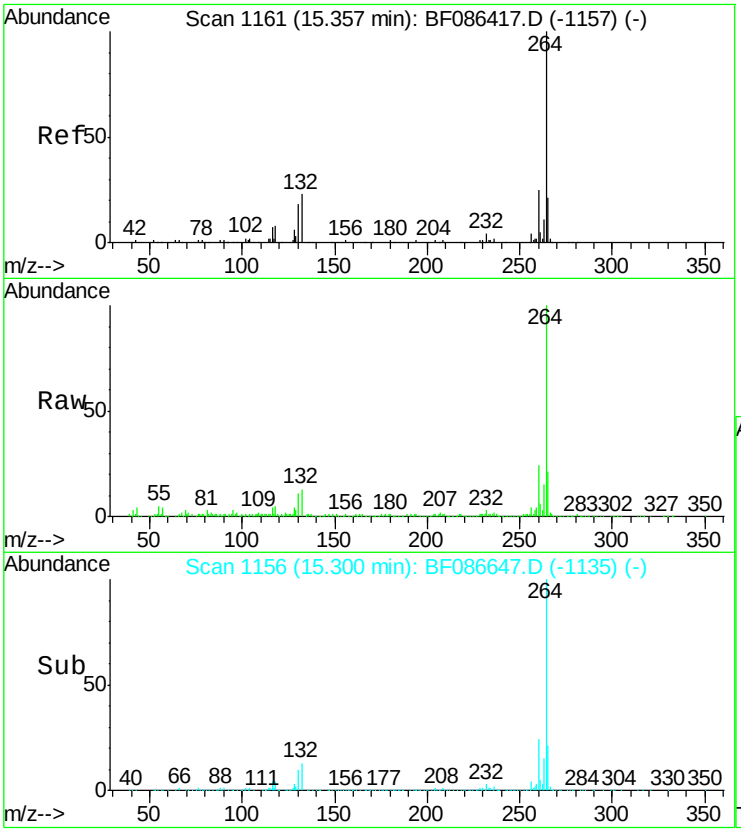


#82
Chrysene
Concen: 2.87 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:228 Resp: 55549

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.4	36.6
229	21.8	15.8	23.8



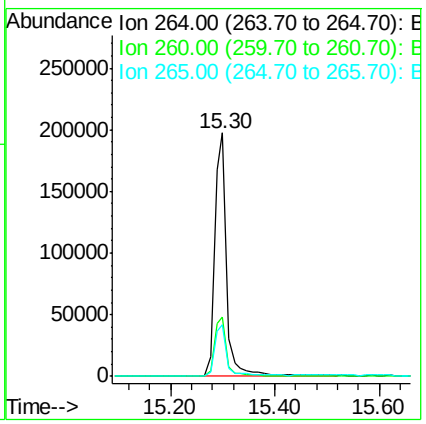


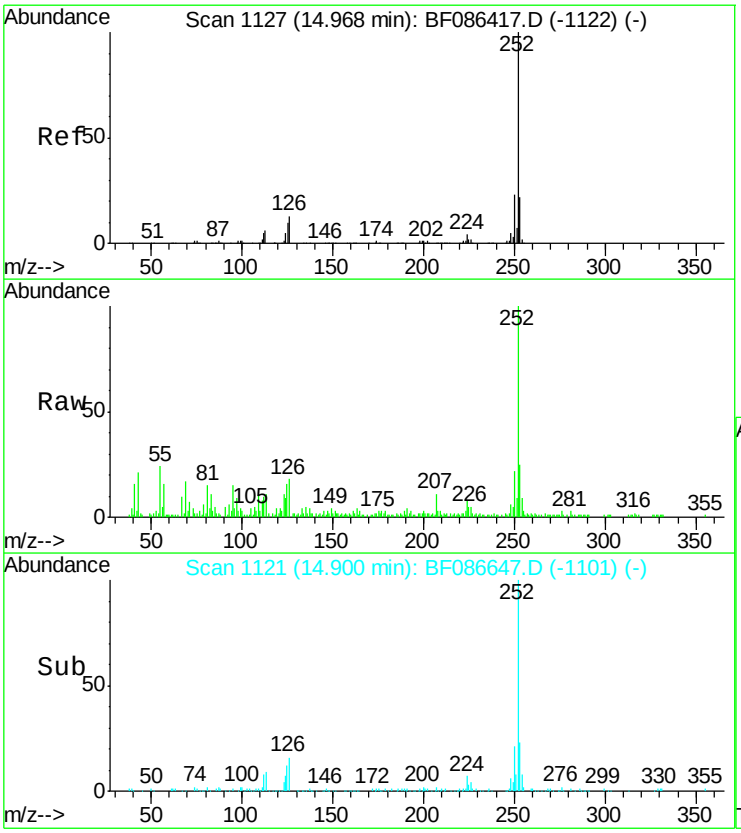
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:264 Resp: 313389

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.2	17.3	25.9

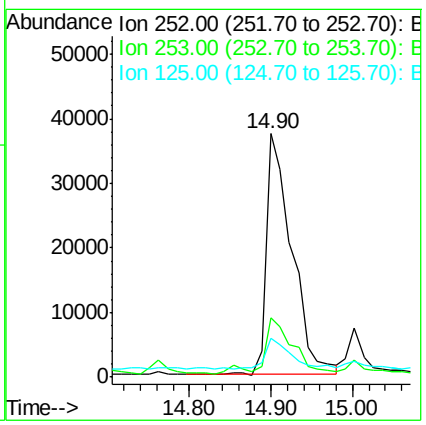


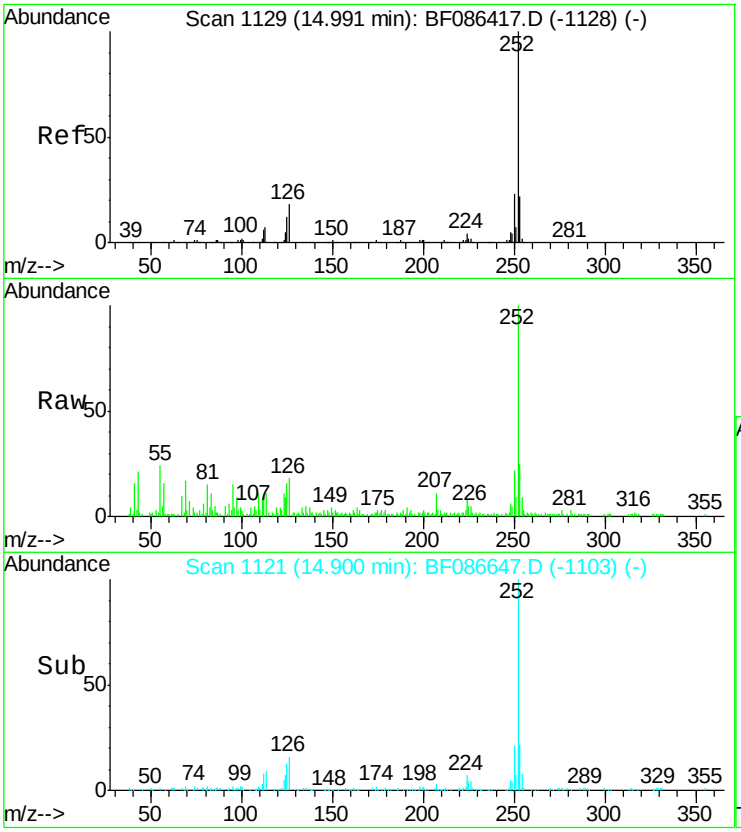


#87
Benzo(b)fluoranthene
Concen: 4.45 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.07 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:252 Resp: 82096

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	16.0	11.4	17.0



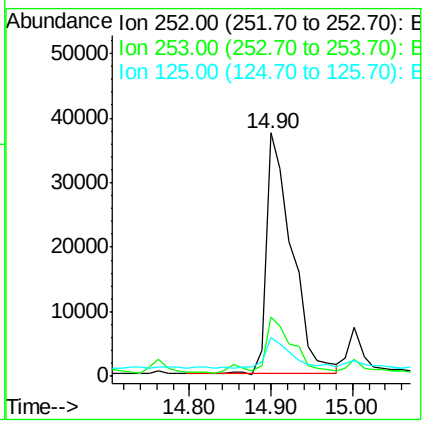


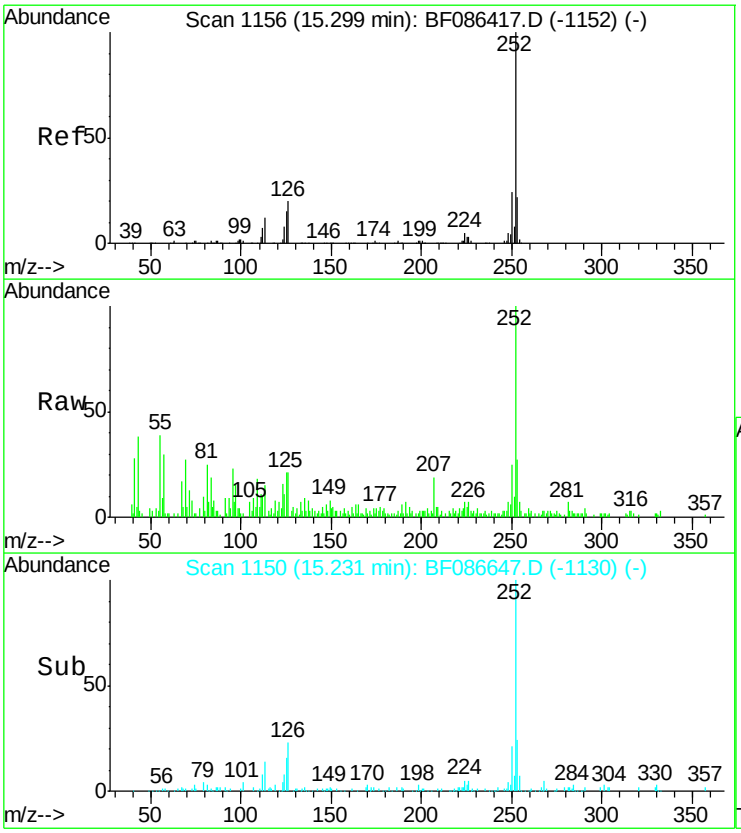
#88
Benzo(k)fluoranthene
Concen: 4.27 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.09 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-2(0-10FTBGS)

Tgt Ion:252 Resp: 82096

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	16.0	9.1	13.7#





#89
Benzo(a)pyrene
Concen: 2.10 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.07 min
Lab File: BF086647.D
Acq: 3 May 2016 16:28

Tgt Ion:252 Resp: 36575

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.2	25.8#
125	20.7	9.0	13.6#