Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086699.D
Acq On : 5 May 2016 1:53
Operator : UM/SJ
Sample : H2715-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2-CS-3(0-10FTBGS)

Quant Time: May 05 02:35:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	149560	40.00	ng		0.00
21) Naphthalene-d8	8.03	136	522517	40.00	ng		0.00
38) Acenaphthene-d10	9.78	164	206324	40.00	ng		0.00
63) Phenanthrene-d10	11.25	188	332110	40.00	ng		0.00
75) Chrysene-d12	13.88	240	317709	40.00	ng		0.00
86) Perylene-d12	15.28	264	228237	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	657589	72.79	ng		0.01
7) Phenol-d6	6.38	99	1306251	107.34	ng		0.01
23) Nitrobenzene-d5	7.31	82	827996	81.43	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	47826	23.70	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1165860	92.63	ng		0.00
78) Terphenyl-d14	12.84	244	848885	54.00	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	112219	13.50	ng	#	82
49) Dimethylphthalate	9.49	163	138932	9.03	ng	#	99
56) 2,4-Dinitrotoluene	9.78	165	25695	6.28	ng	#	17
74) Fluoranthene	12.47	202	66858	3.74	ng		92
77) Pyrene	12.69	202	67572	2.67	ng		96
80) Benzo(a)anthracene	13.87	228	38720	2.15	ng		97
82) Chrysene	13.87	228	38720	2.02	ng		96
87) Benzo(b)fluoranthene	14.89	252	56419	4.11	ng		95
88) Benzo(k)fluoranthene	14.89	252	56419	4.37	ng	#	93
89) Benzo(a)pyrene	15.22	252	26143	2.07	ng	#	83

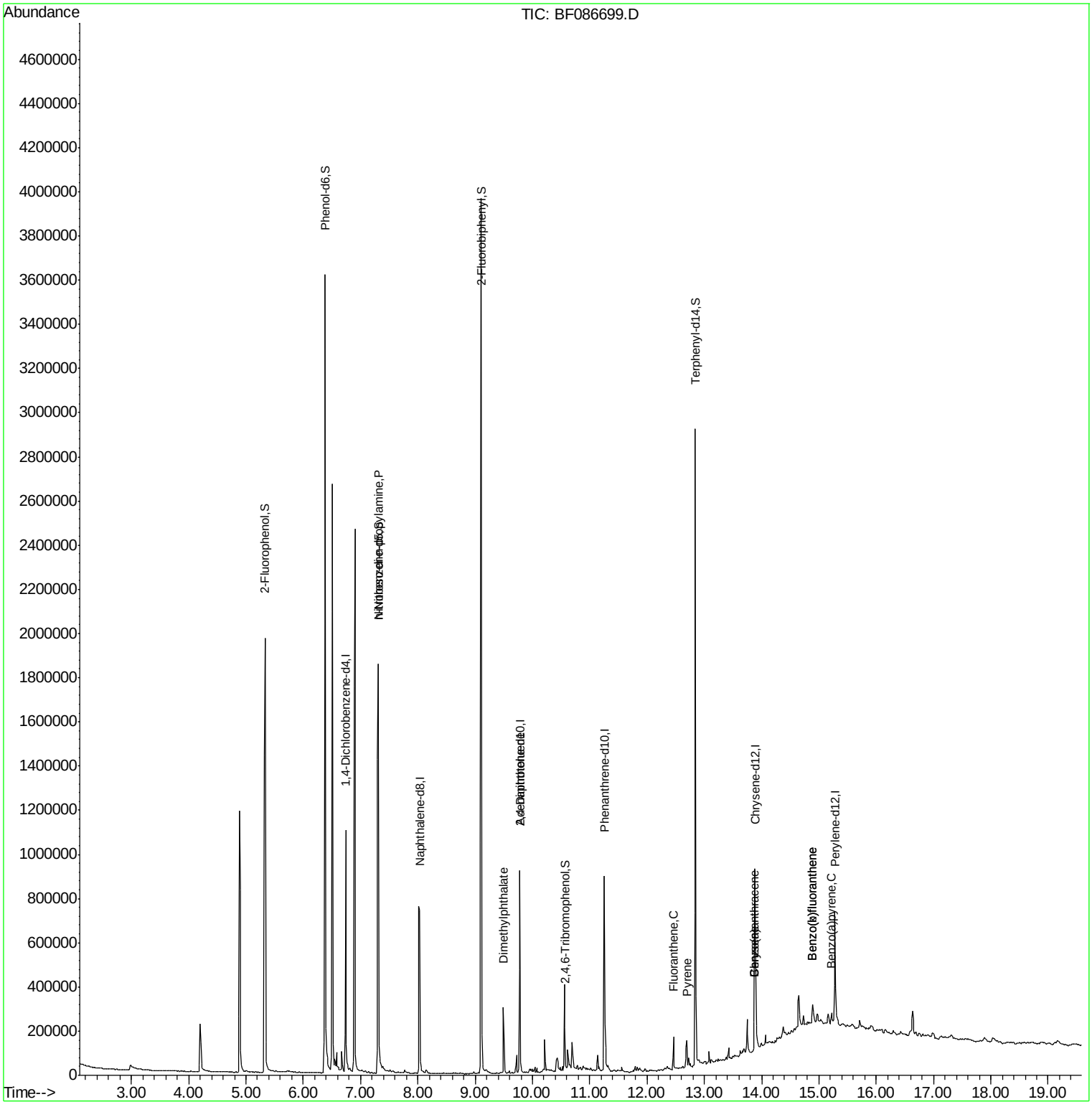
(#) = qualifier out of range (m) = manual integration (+) = signals summed

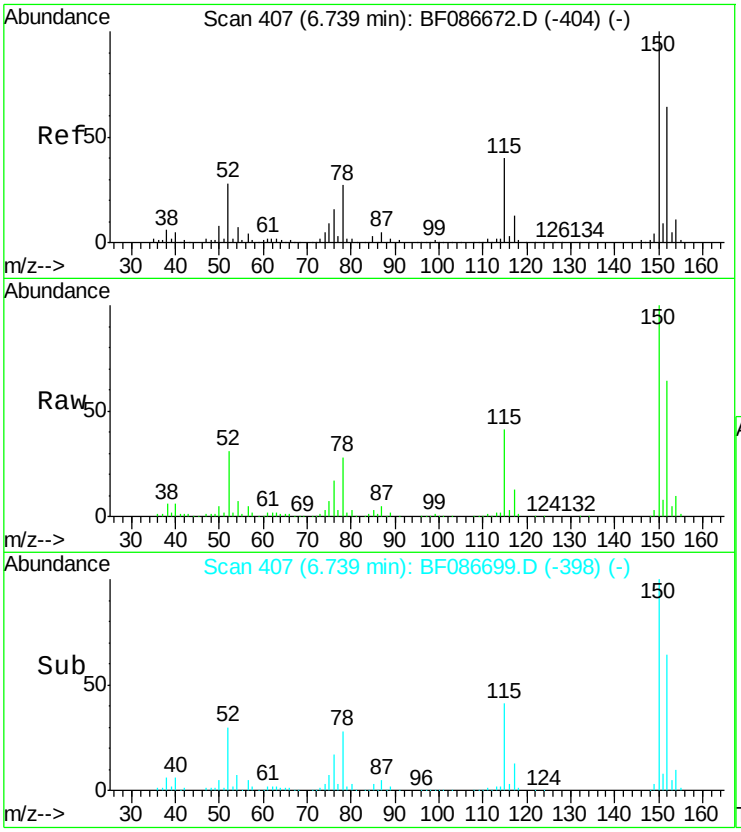
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086699.D
Acq On : 5 May 2016 1:53
Operator : UM/SJ
Sample : H2715-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Quant Time: May 05 02:35:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration



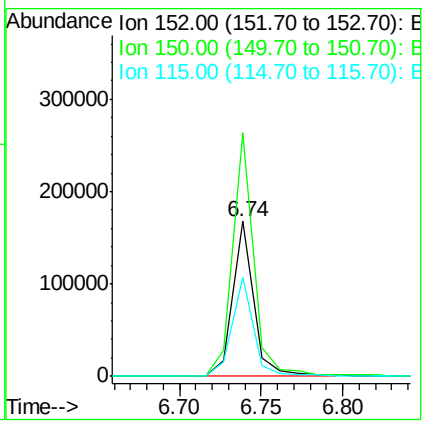


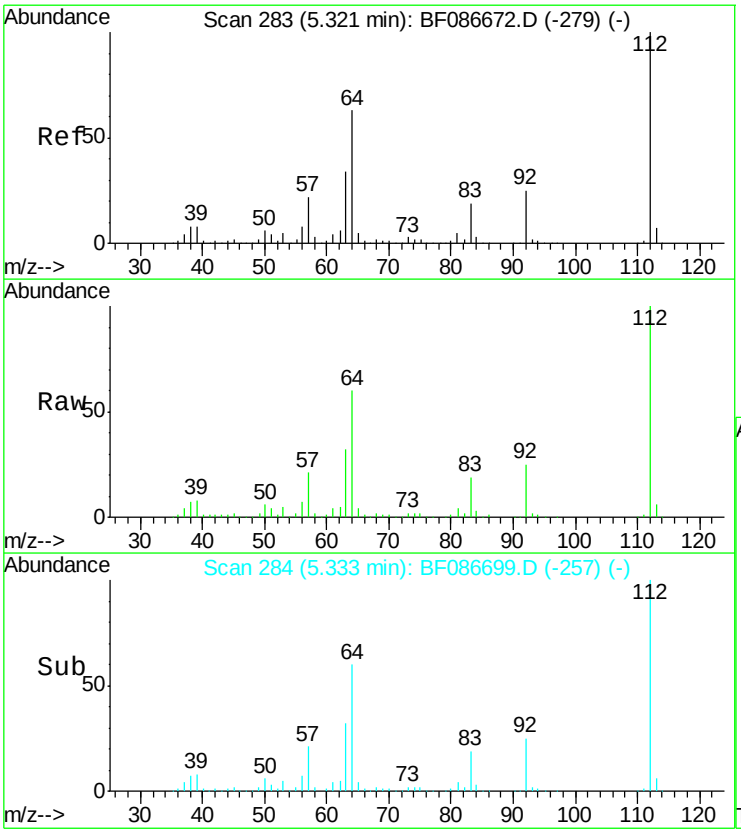
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:152 Resp: 149560

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.8	188.6
115	63.6	51.5	77.3

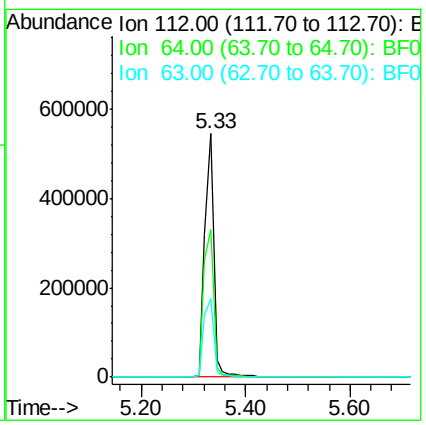


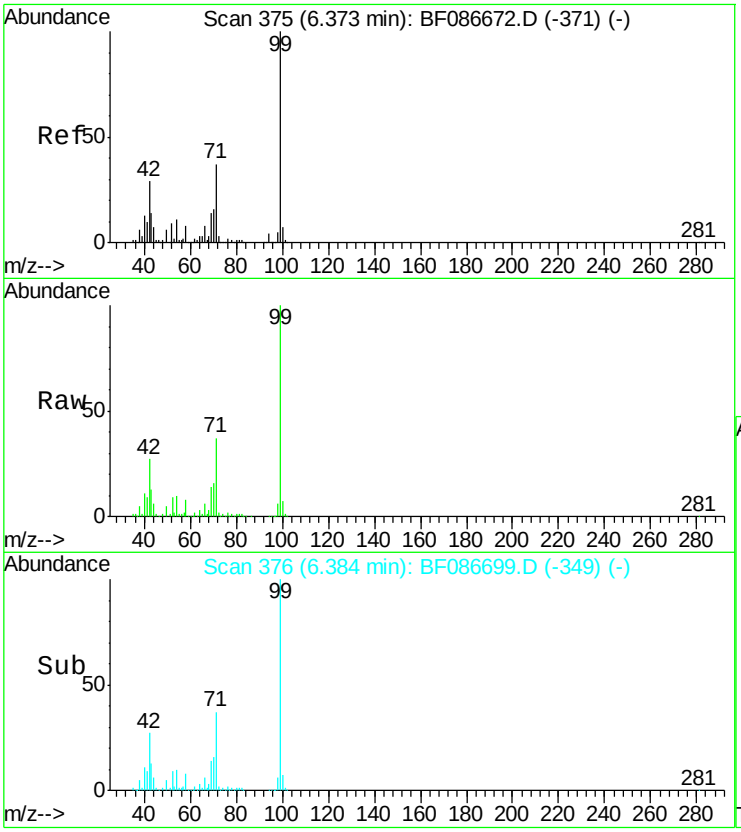


#5
2-Fluorophenol
Concen: 72.79 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:112 Resp: 657589

Ion	Ratio	Lower	Upper
112	100		
64	60.4	52.1	78.1
63	32.2	25.7	38.5



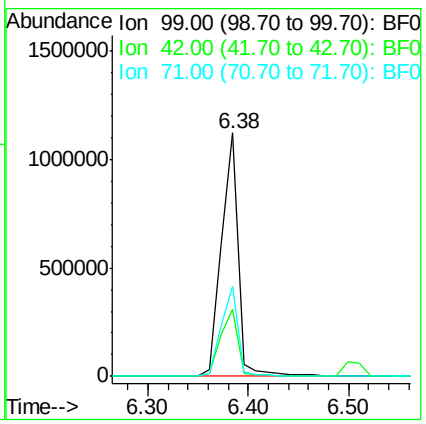


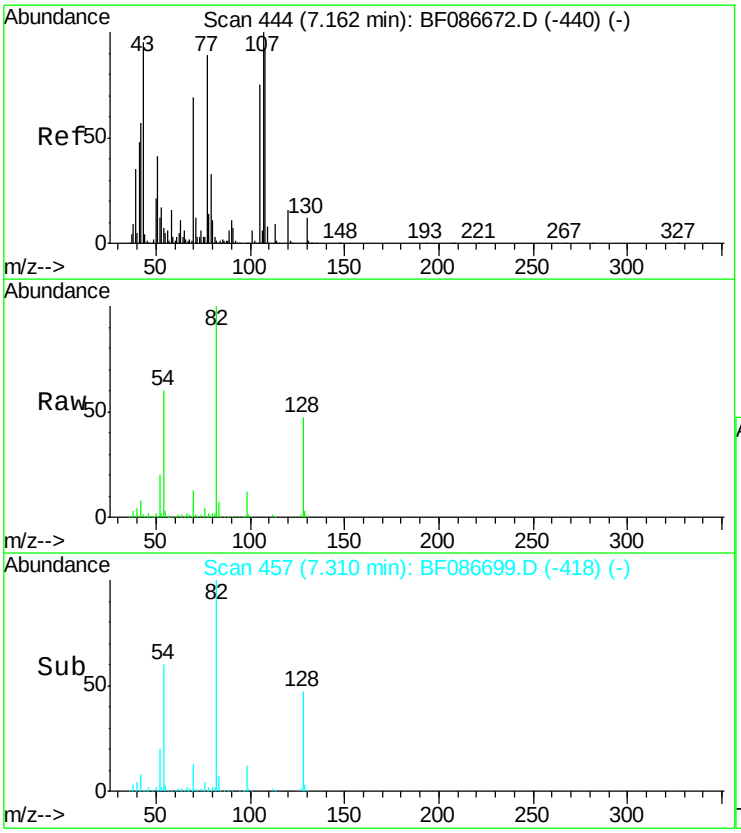
#7
Phenol-d6
Concen: 107.34 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion: 99 Resp: 1306251

Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.6	20.4#
71	37.0	24.6	36.8#

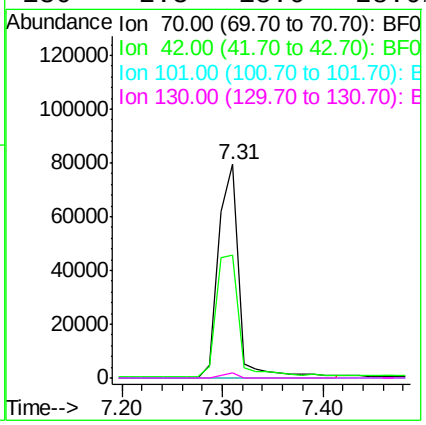


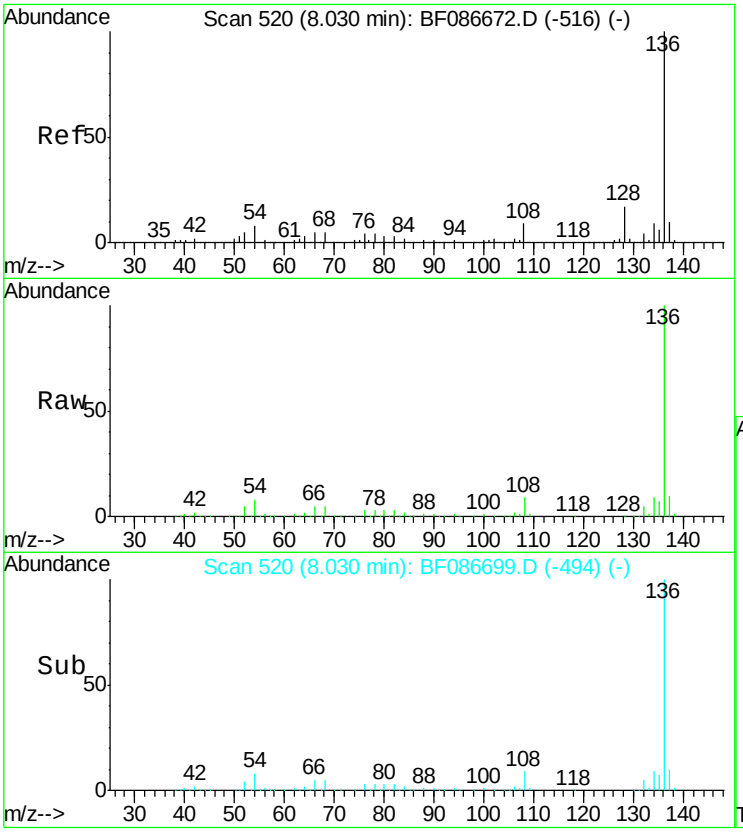


#19
n-Nitroso-di-n-propylamine
Concen: 13.50 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.15 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion: 70 Resp: 112219

Ion	Ratio	Lower	Upper
70	100		
42	57.6	43.1	64.7
101	0.0	8.1	12.1#
130	2.3	18.6	28.0#



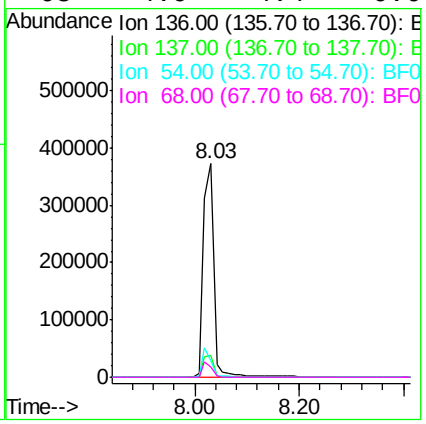


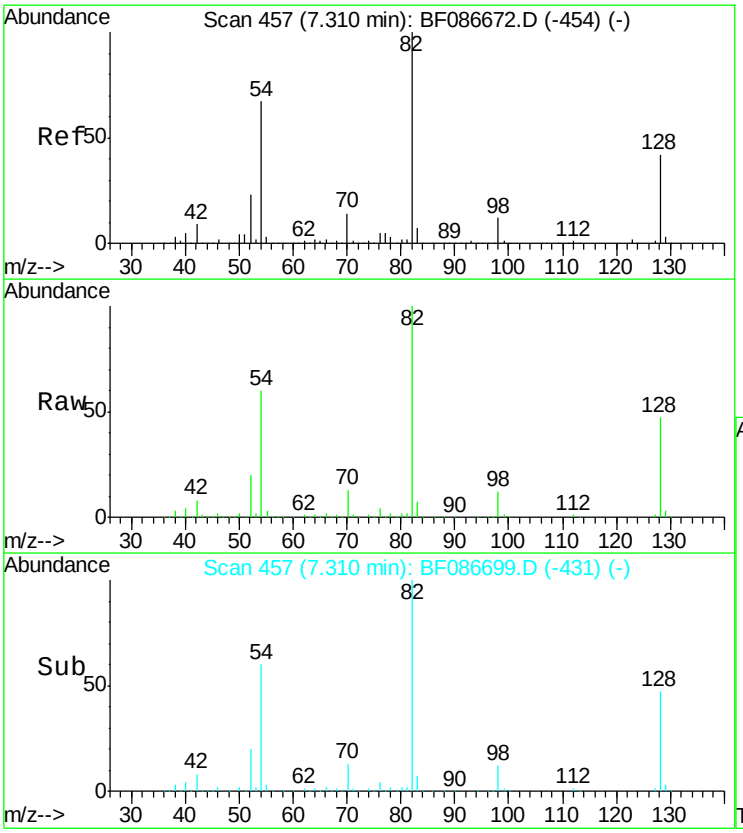
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:136 Resp: 522517

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.9	5.0	7.4#
68	4.9	4.4	6.6

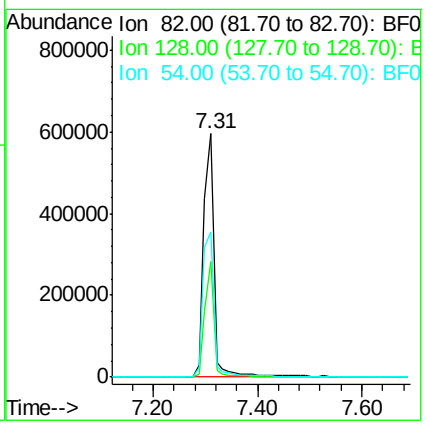


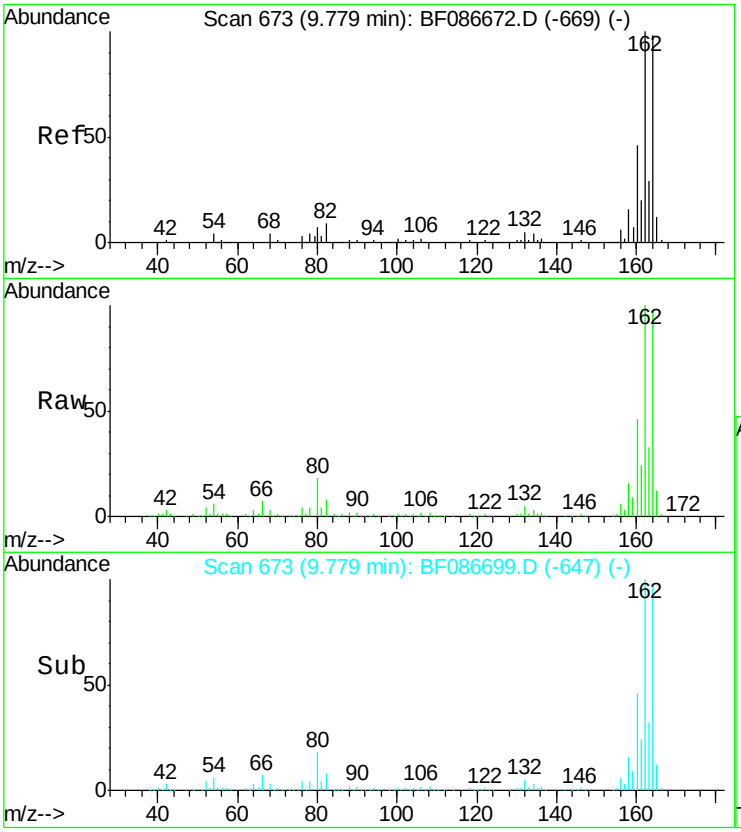


#23
Nitrobenzene-d5
Concen: 81.43 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion: 82 Resp: 827996

Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.6	61.0
54	59.6	38.1	57.1#



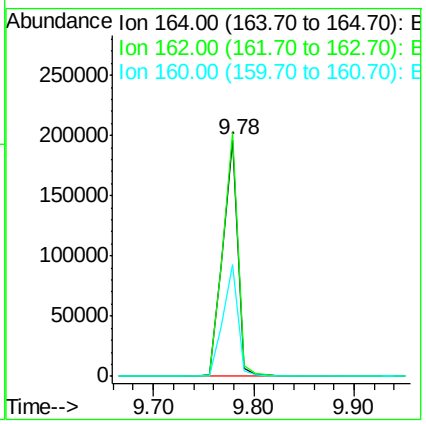


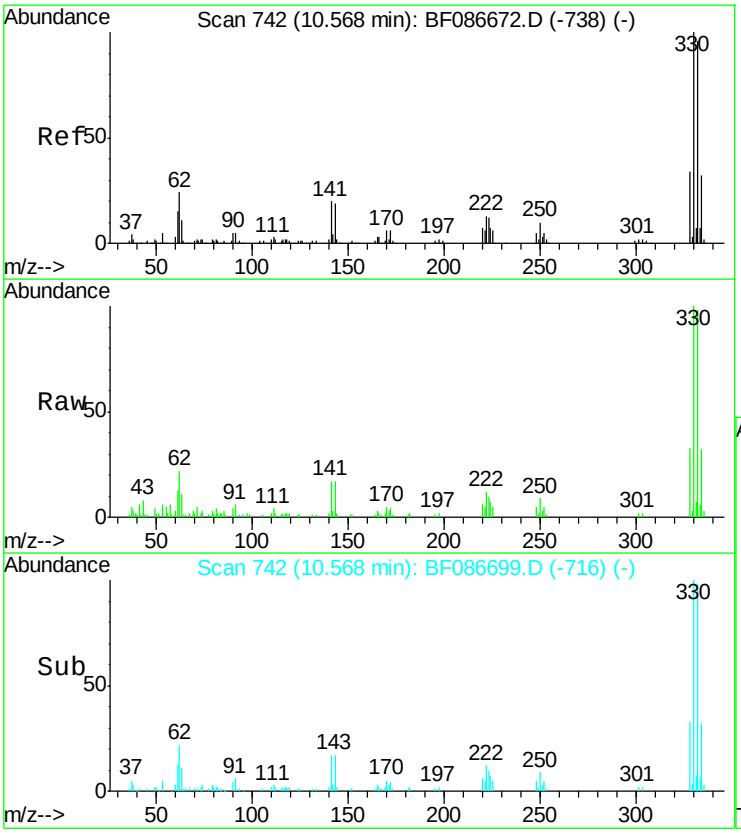
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:164 Resp: 206324

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.4	36.9	55.3

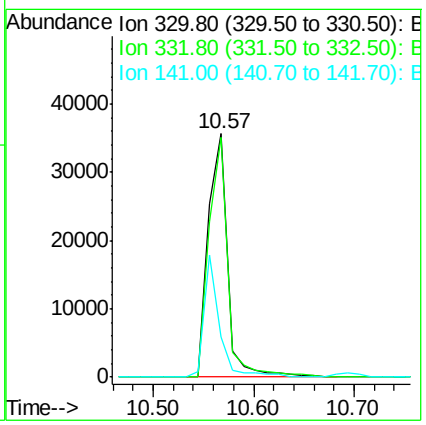


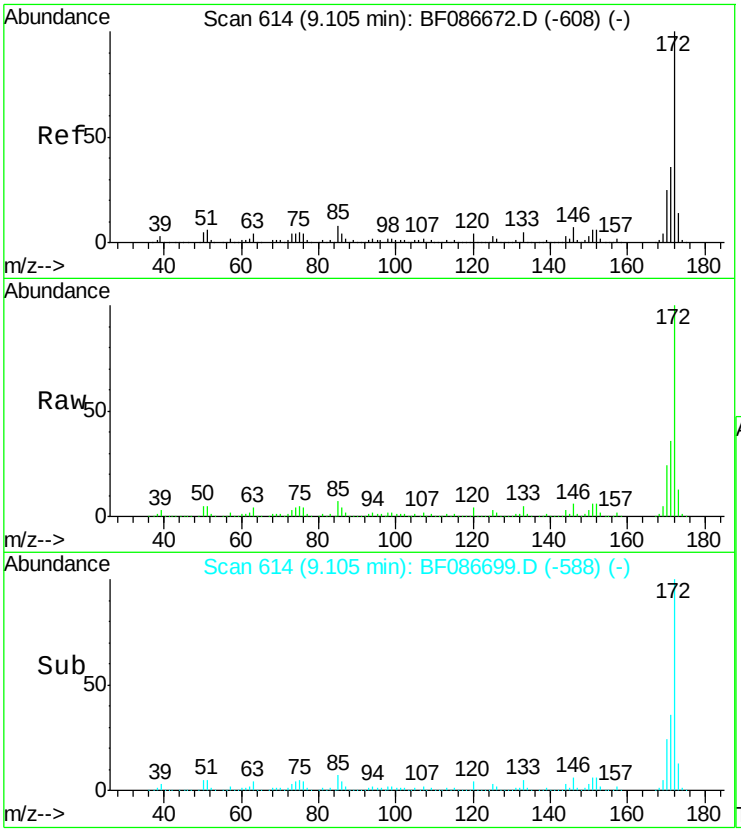


#41
2,4,6-Tribromophenol
Concen: 23.70 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:330 Resp: 47826

Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	39.7	31.2	46.8



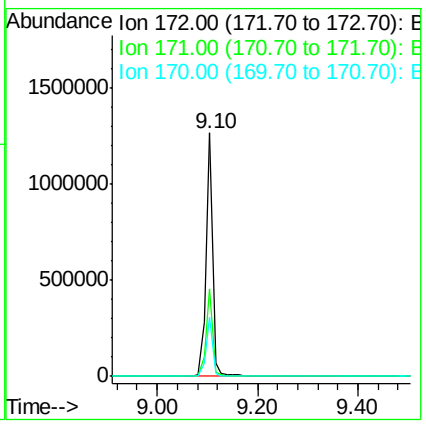


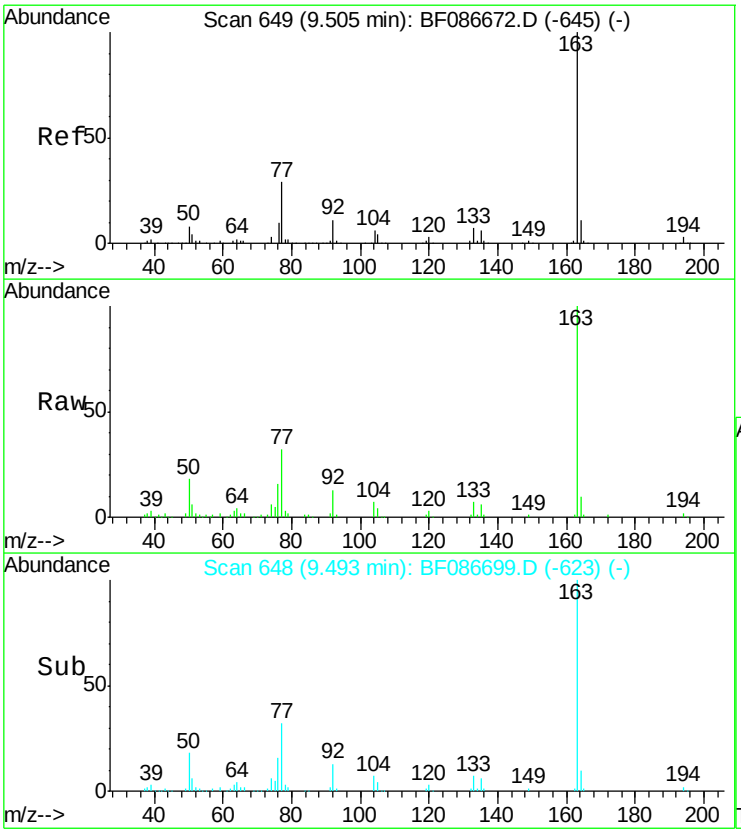
#44
2-Fluorobiphenyl
Concen: 92.63 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:172 Resp: 1165860

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8

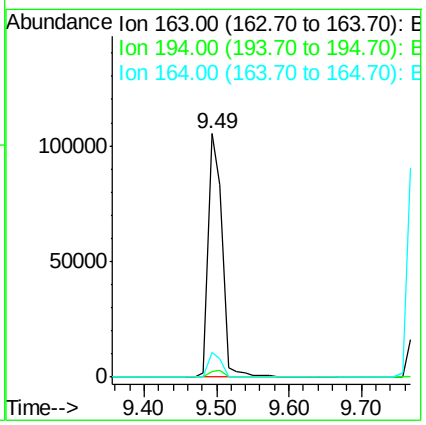


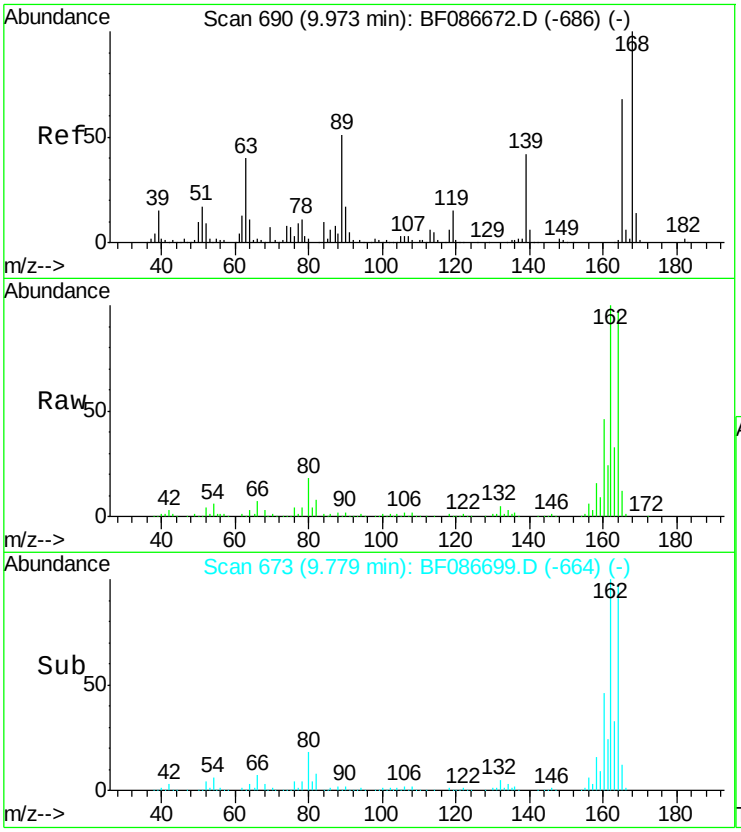


#49
Dimethylphthalate
Concen: 9.03 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:163 Resp: 138932

Ion	Ratio	Lower	Upper
163	100		
194	2.4	2.6	4.0#
164	10.1	8.2	12.4



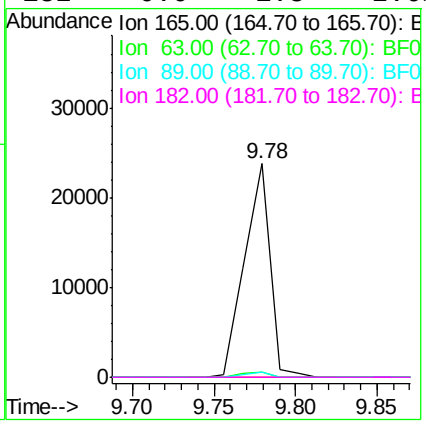


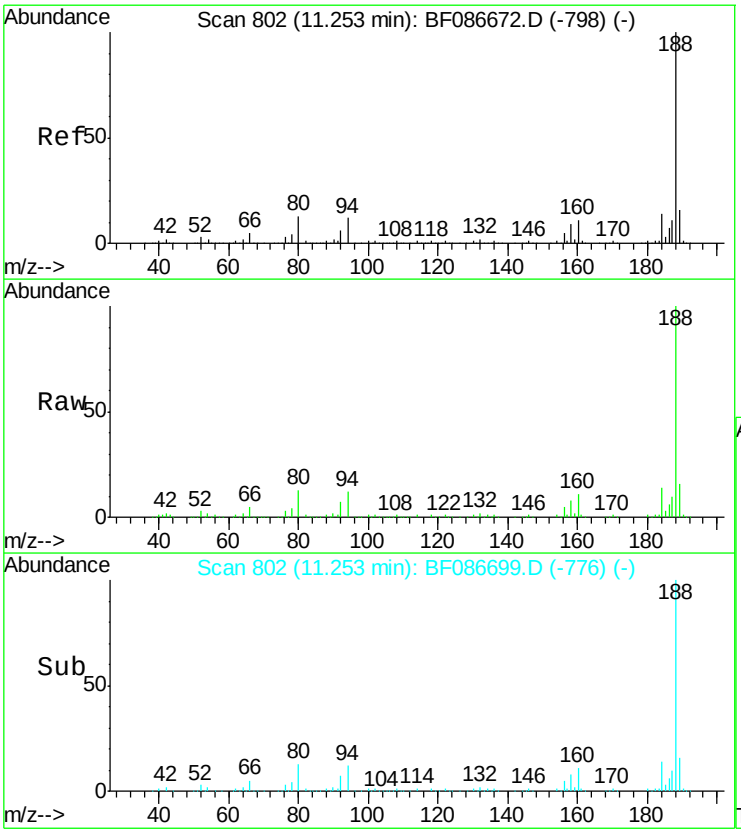
#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.19 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:165 Resp: 25695

Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.3	66.5#
89	2.3	70.0	105.0#
182	0.0	1.8	2.6#

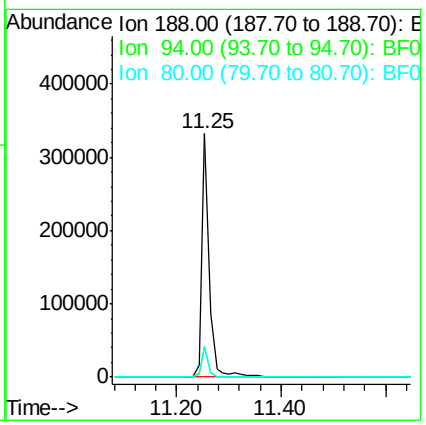


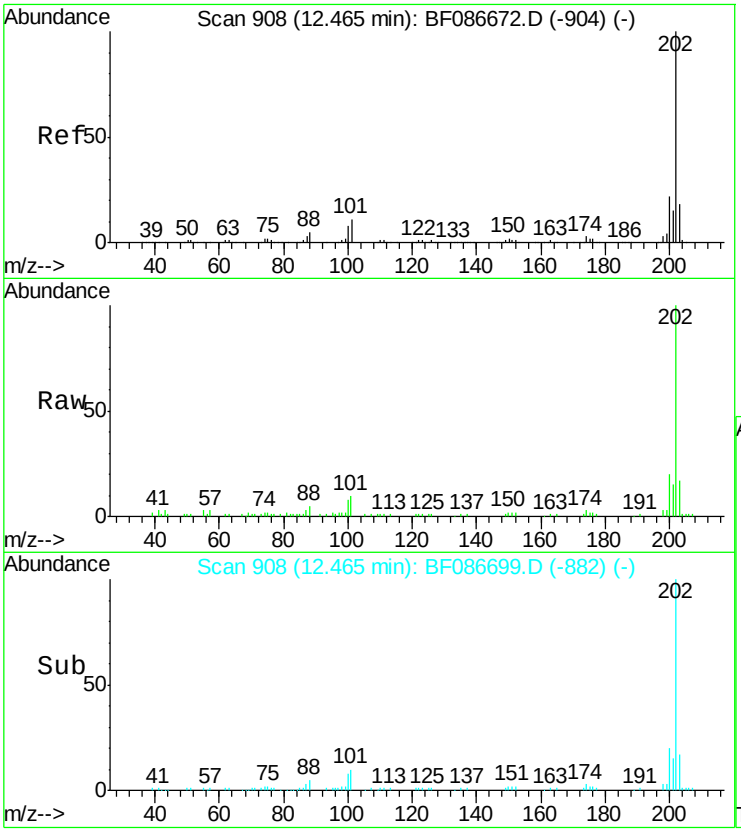


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:188 Resp: 332110

Ion	Ratio	Lower	Upper
188	100		
94	12.1	6.8	10.2#
80	13.0	7.1	10.7#



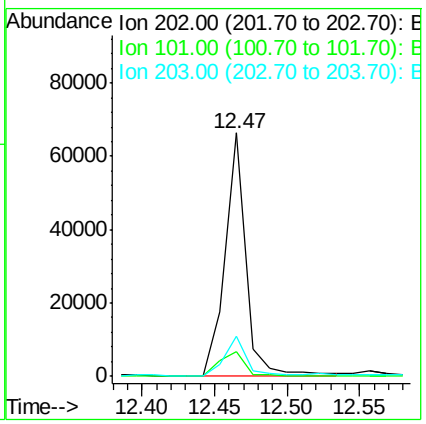


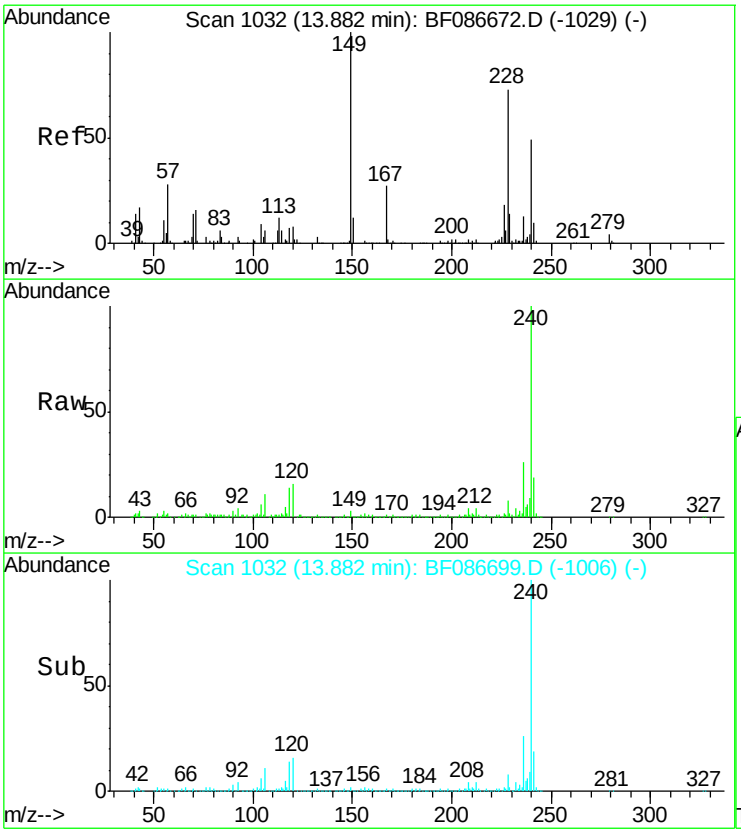
#74
Fluoranthene
Concen: 3.74 ng
RT: 12.47 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:202 Resp: 66858

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	35.4
203	16.6	0.0	38.1

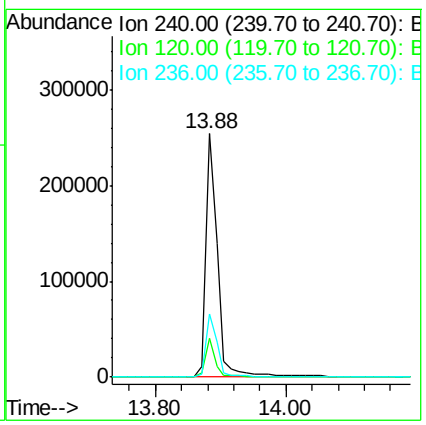


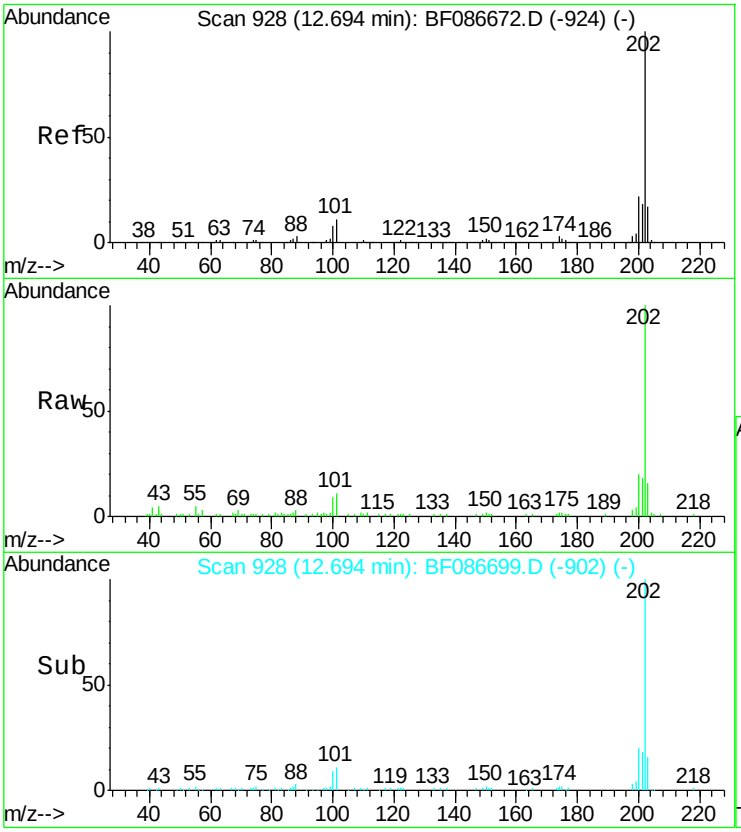


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:240 Resp: 317709

Ion	Ratio	Lower	Upper
240	100		
120	16.1	11.2	16.8
236	26.2	21.2	31.8



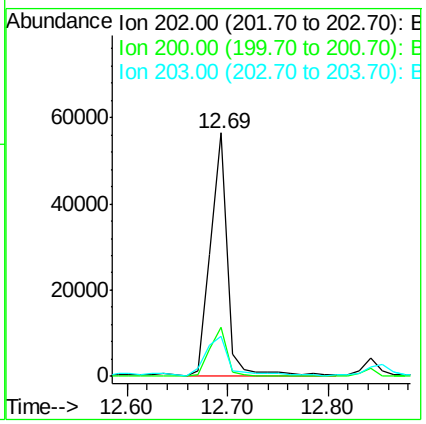


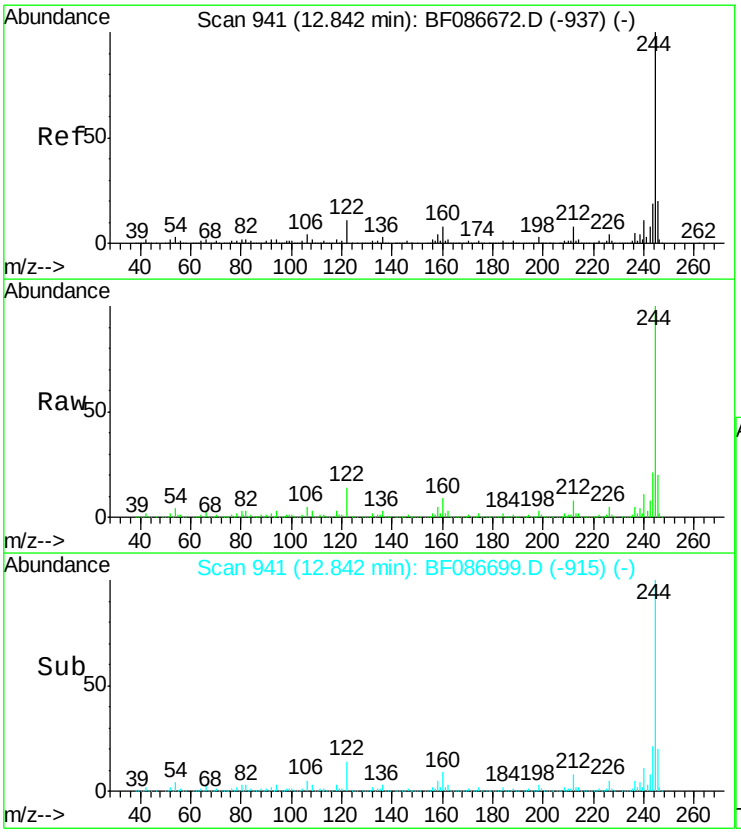
#77
Pyrene
Concen: 2.67 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:202 Resp: 67572

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.7	26.5
203	16.2	14.2	21.4

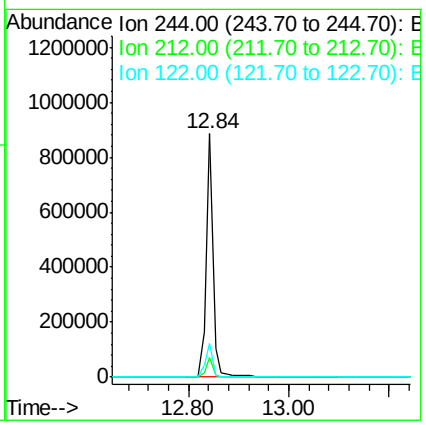


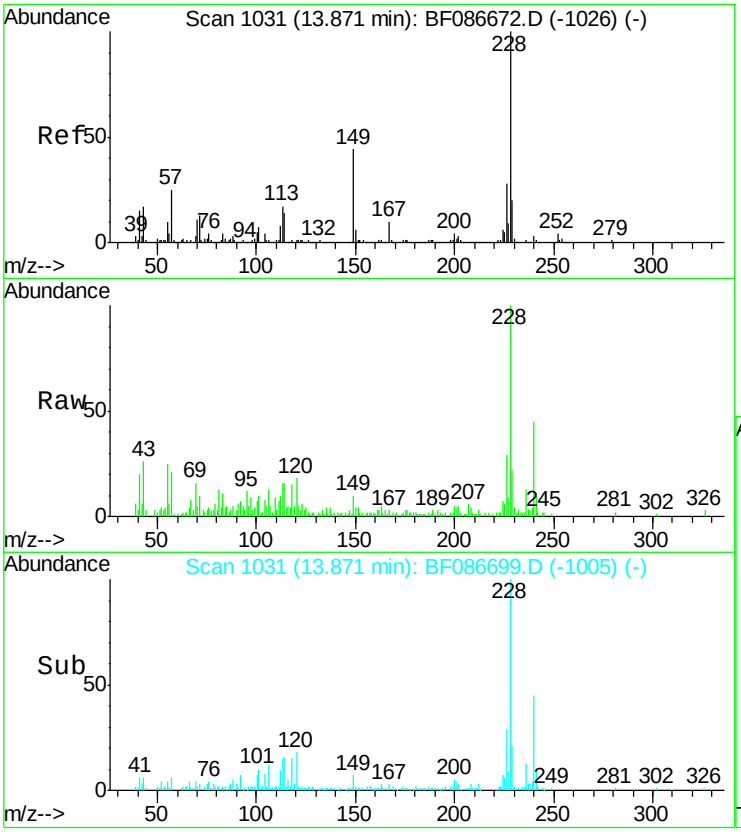


#78
Terphenyl-d14
Concen: 54.00 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:244 Resp: 848885

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.6	12.0	18.0



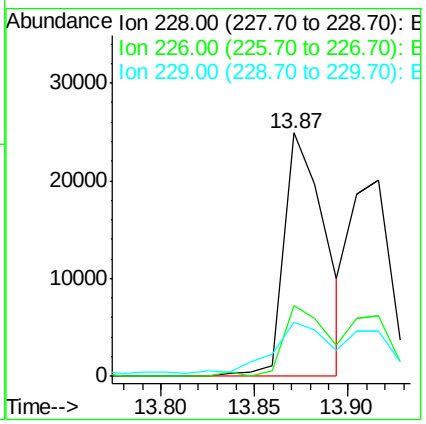


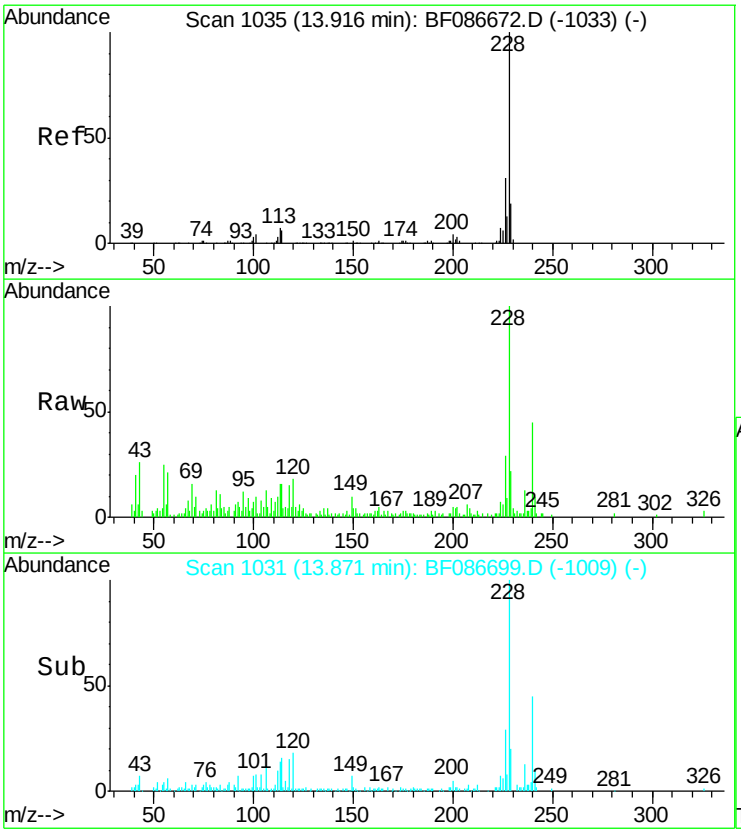
#80
Benzo(a)anthracene
Concen: 2.15 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:228 Resp: 38720

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.5	33.7
229	22.5	16.6	25.0

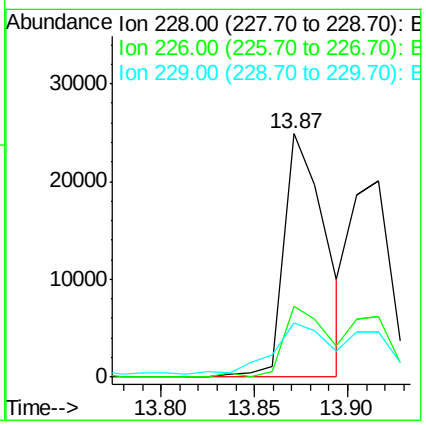


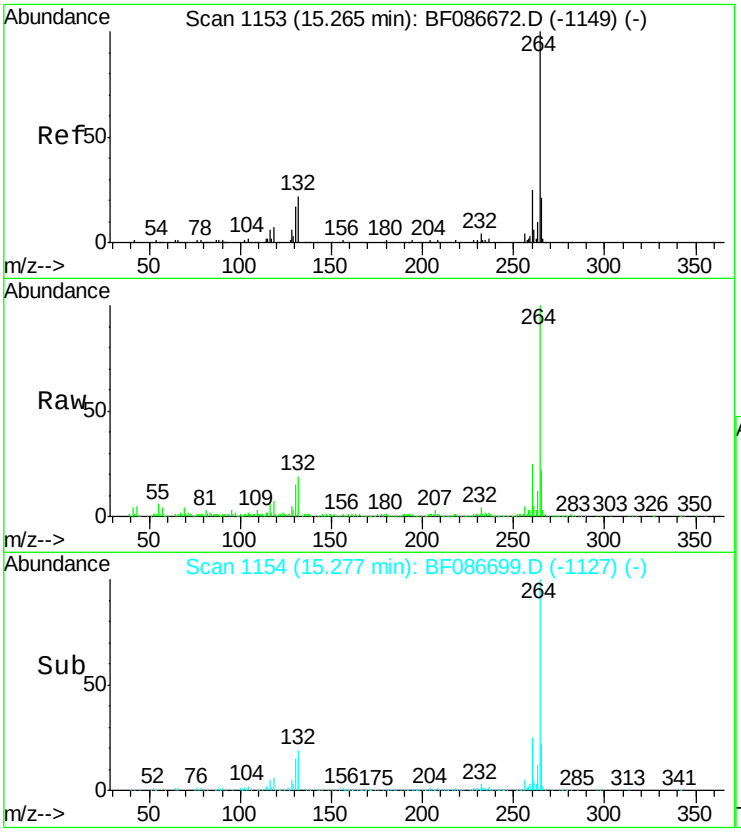


#82
Chrysene
Concen: 2.02 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:228 Resp: 38720

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.4	36.6
229	22.5	15.8	23.8



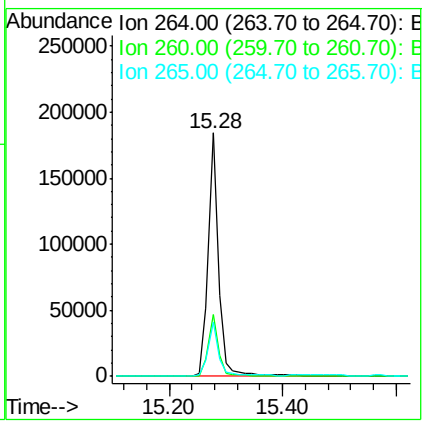


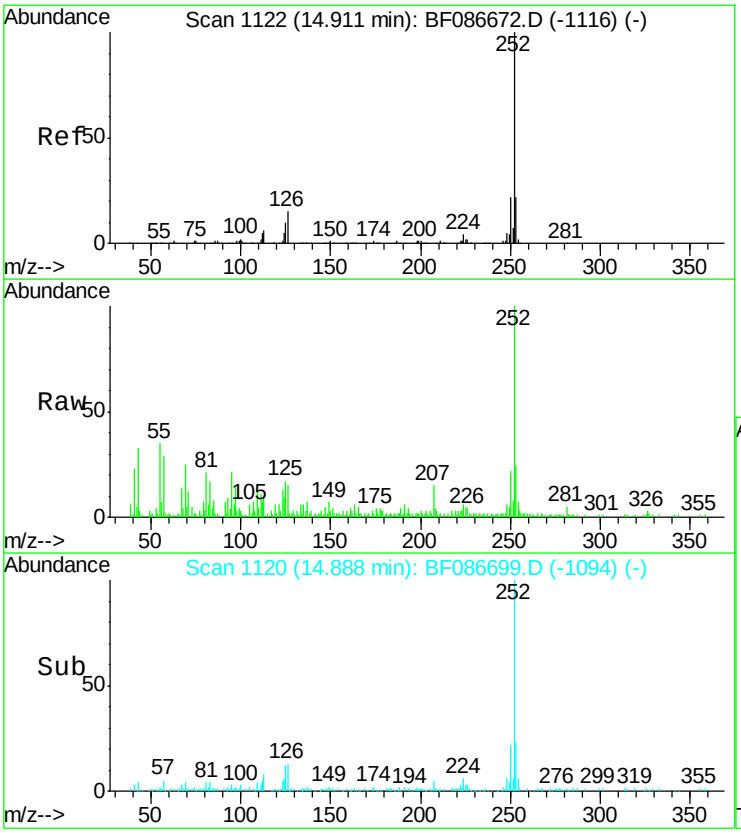
#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:264 Resp: 228237

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	22.4	17.3	25.9

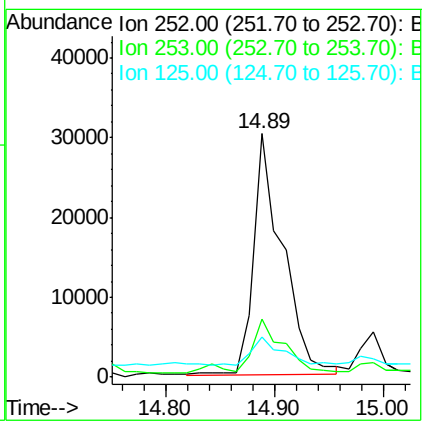


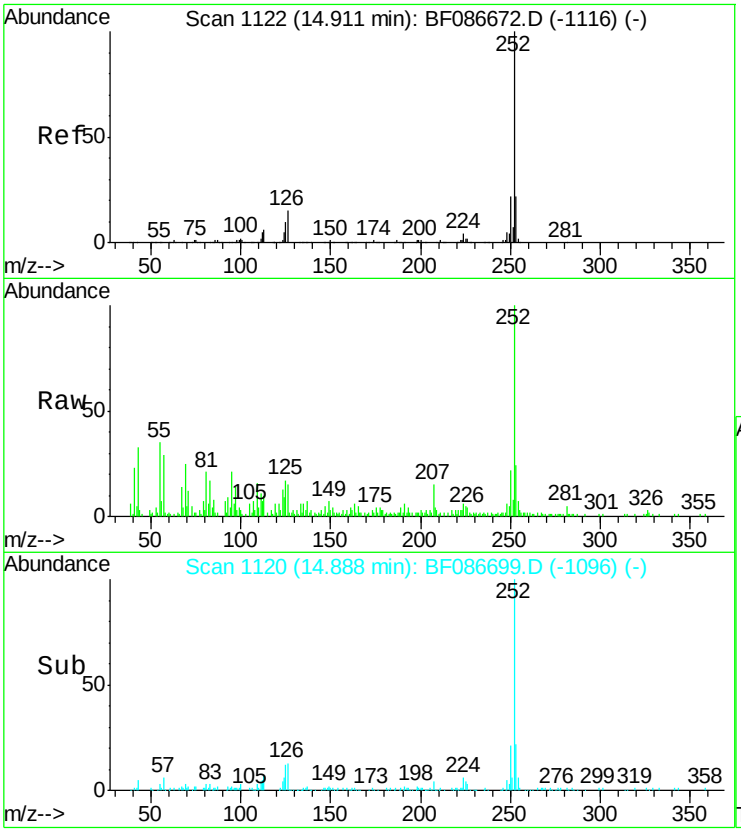


#87
Benzo(b)fluoranthene
Concen: 4.11 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:252 Resp: 56419

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	16.7	11.4	17.0



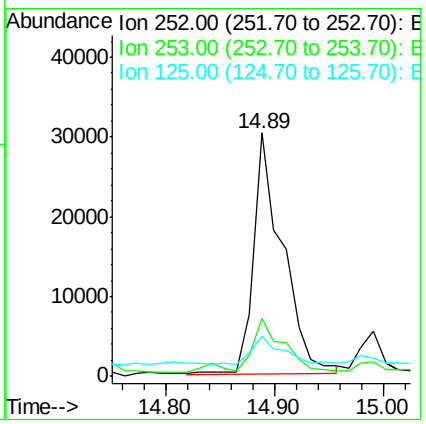


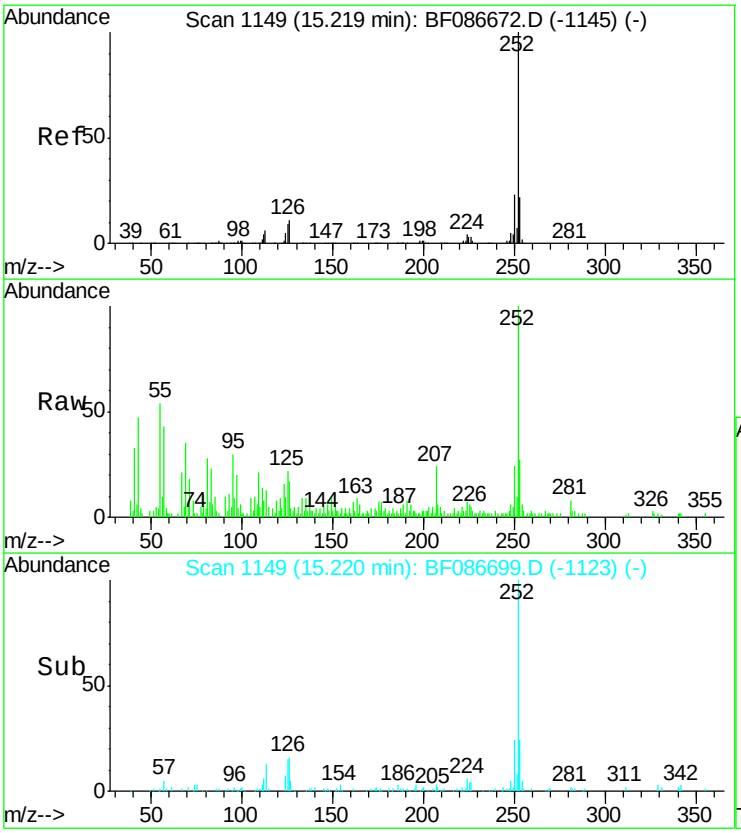
#88
Benzo(k)fluoranthene
Concen: 4.37 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:252 Resp: 56419

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	16.7	9.1	13.7#





#89
Benzo(a)pyrene
Concen: 2.07 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086699.D
Acq: 5 May 2016 1:53

Tgt Ion:252 Resp: 26143

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	21.9	9.0	13.6#