Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084534.D
Acq On : 17 Jan 2016 14:21
Operator : SJ/UM
Sample : H1143-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-7-20160114

Quant Time: Jan 18 02:48:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	324985	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1201845	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	586511	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	939693	20.00	ng		-0.03
75) Chrysene-d12	13.96	240	658530	20.00	ng		-0.03
86) Perylene-d12	15.38	264	574267	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	388234	19.32	ng		-0.03
7) Phenol-d6	6.44	99	516936	20.49	ng		-0.03
23) Nitrobenzene-d5	7.37	82	308368	14.28	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	94934	16.03	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	448089	7.68	ng		-0.02
78) Terphenyl-d14	12.91	244	344115	11.66	ng		-0.03
Target Compounds							Qvalue
70) Phenanthrene	11.34	178	257445	5.24	ng		99
74) Fluoranthene	12.53	202	391744	7.63	ng		99
77) Pyrene	12.76	202	362288	7.01	ng		99
80) Benzo(a)anthracene	13.95	228	159711m	4.13	ng		
82) Chrysene	13.99	228	156100m	4.20	ng		
85) Indeno(1,2,3-cd)pyrene	16.73	276	80981	2.75	ng		98
87) Benzo(b)fluoranthene	14.97	252	196254m	5.22	ng		
89) Benzo(a)pyrene	15.31	252	125776	3.95	ng	#	96
91) Benzo(g,h,i)perylene	17.14	276	83075	2.93	ng		96

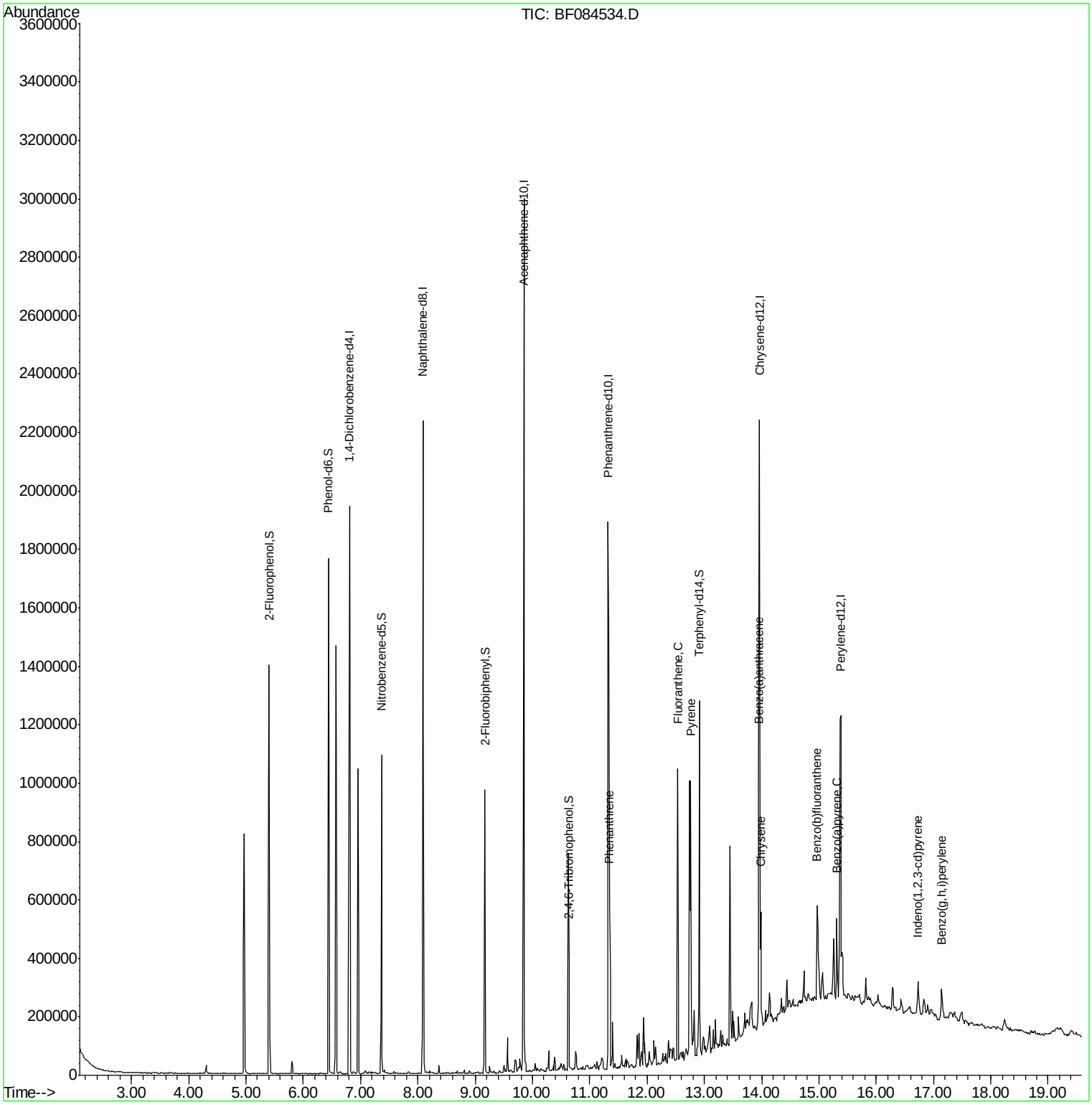
(#) = qualifier out of range (m) = manual integration (+) = signals summed

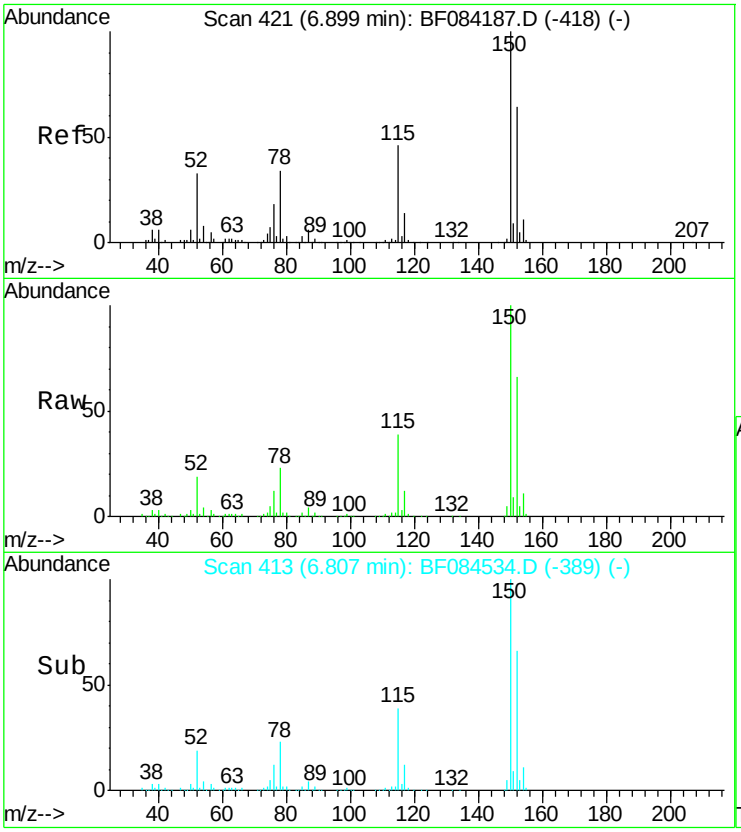
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084534.D
Acq On : 17 Jan 2016 14:21
Operator : SJ/UM
Sample : H1143-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Quant Time: Jan 18 02:48:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



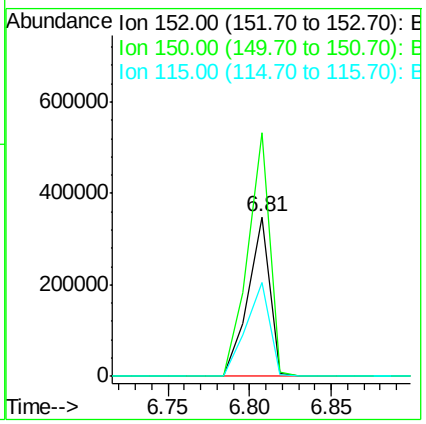


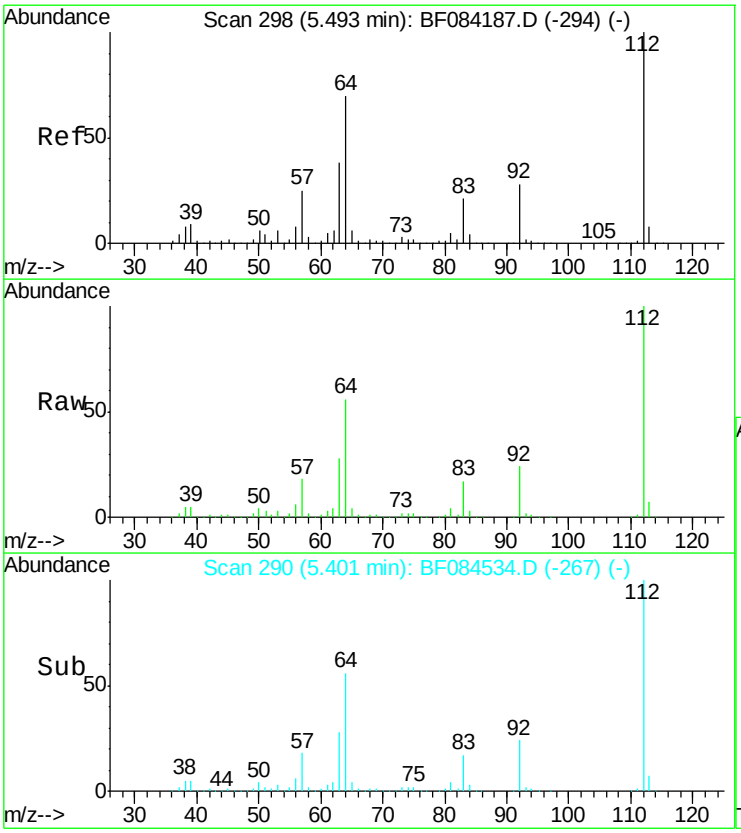
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:152 Resp: 324985

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.0	184.4
115	59.1	51.4	77.2

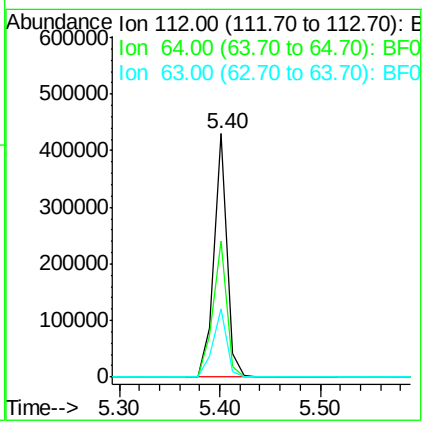


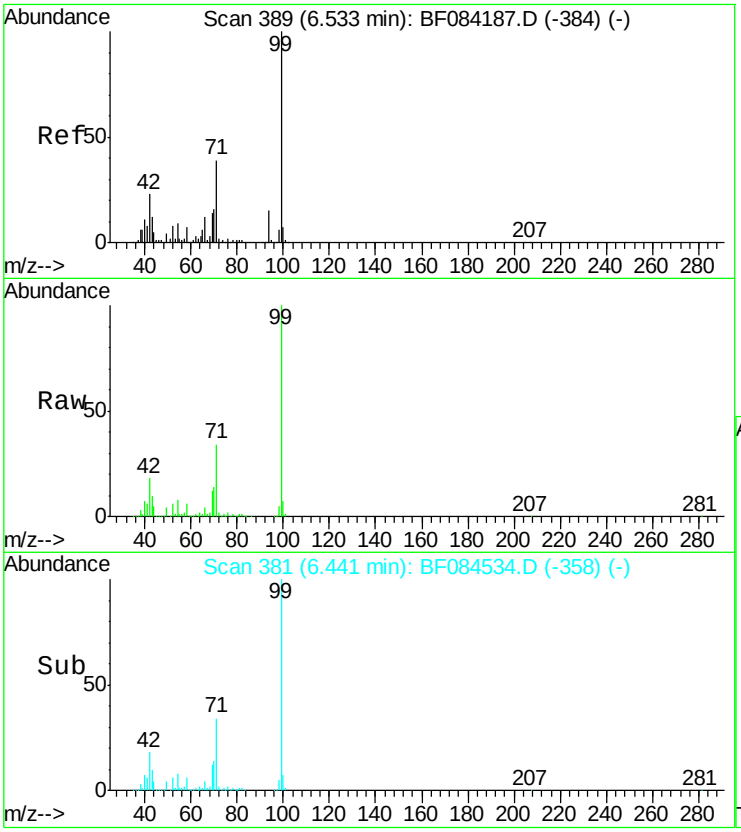


#5
2-Fluorophenol
Concen: 19.32 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:112 Resp: 388234

Ion	Ratio	Lower	Upper
112	100		
64	56.0	36.6	55.0#
63	28.1	19.4	29.0



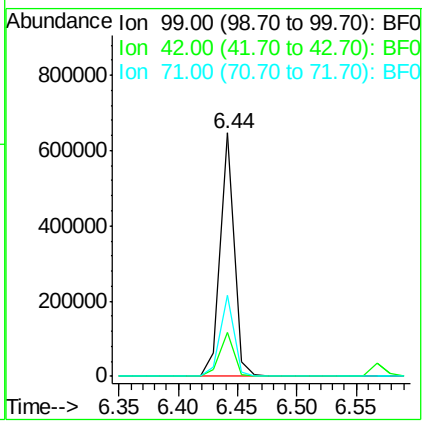


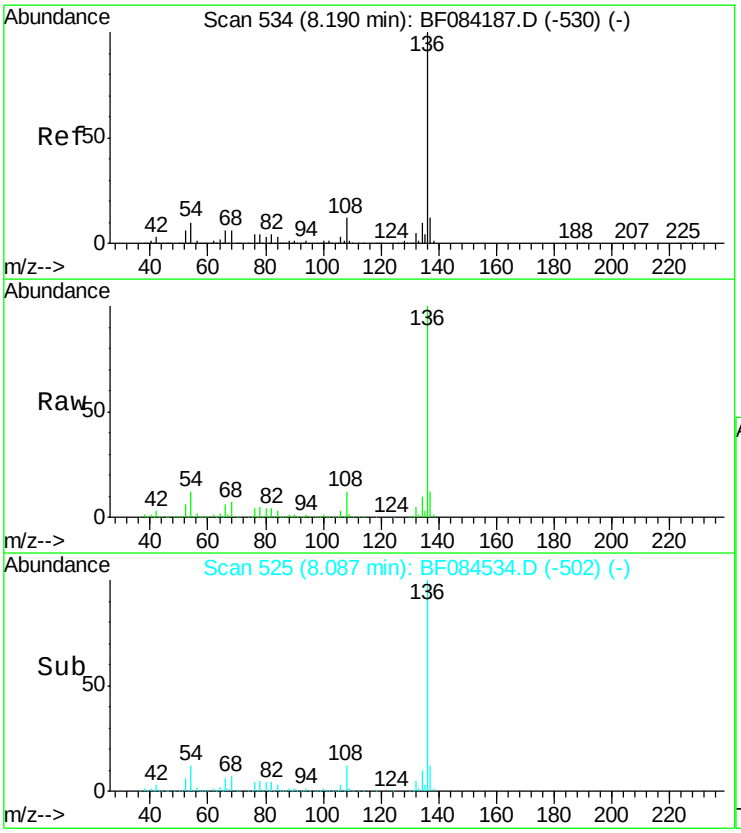
#7
Phenol-d6
Concen: 20.49 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion: 99 Resp: 516936

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.8	19.2
71	33.5	30.9	46.3

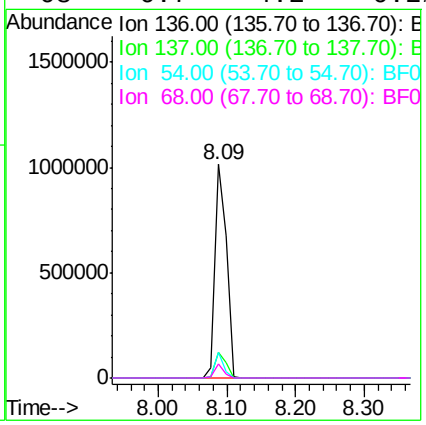


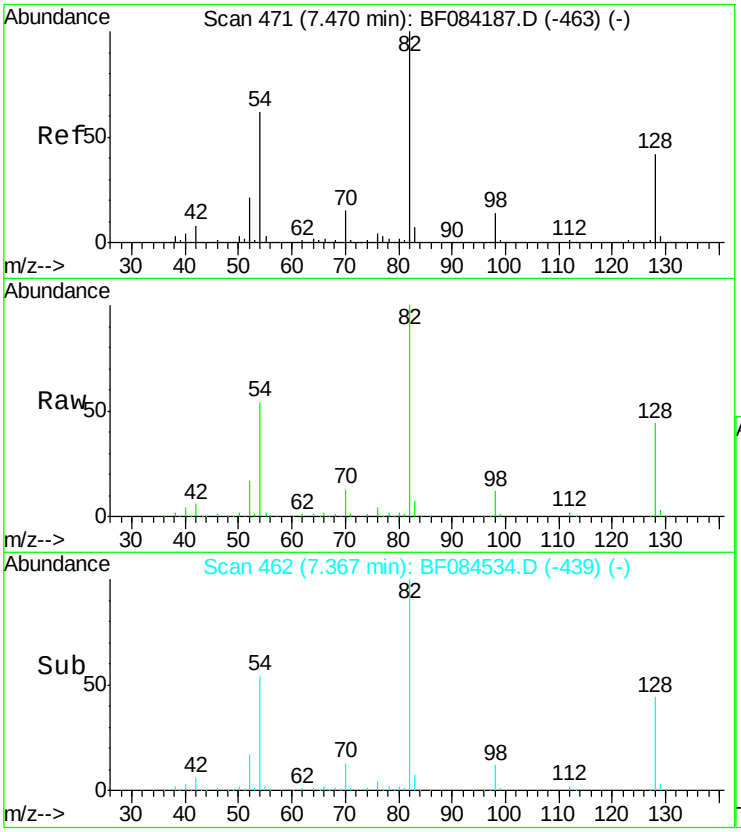


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:136 Resp: 1201845

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	11.8	5.8	8.8#
68	6.7	4.2	6.2#



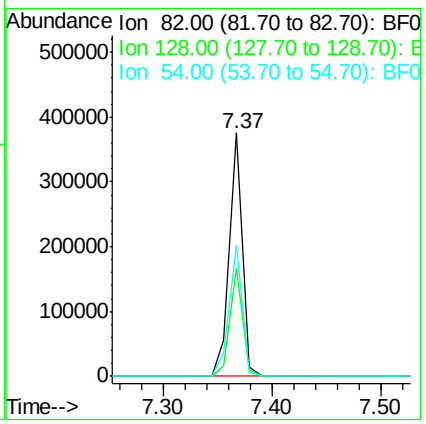


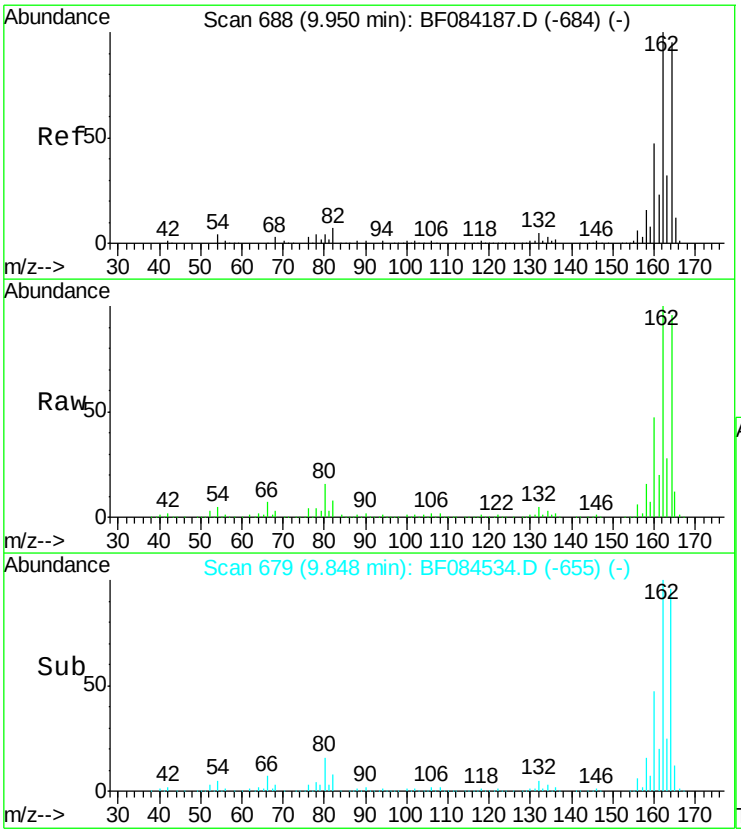
#23
Nitrobenzene-d5
Concen: 14.28 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion: 82 Resp: 308368

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	53.8	38.4	57.6

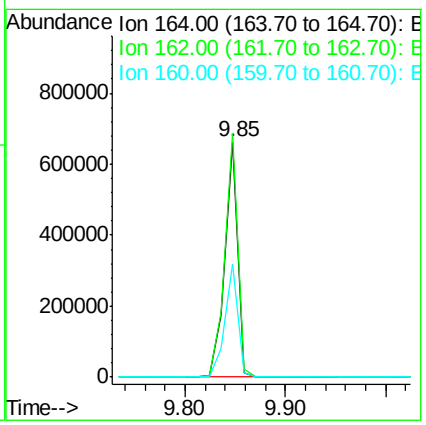


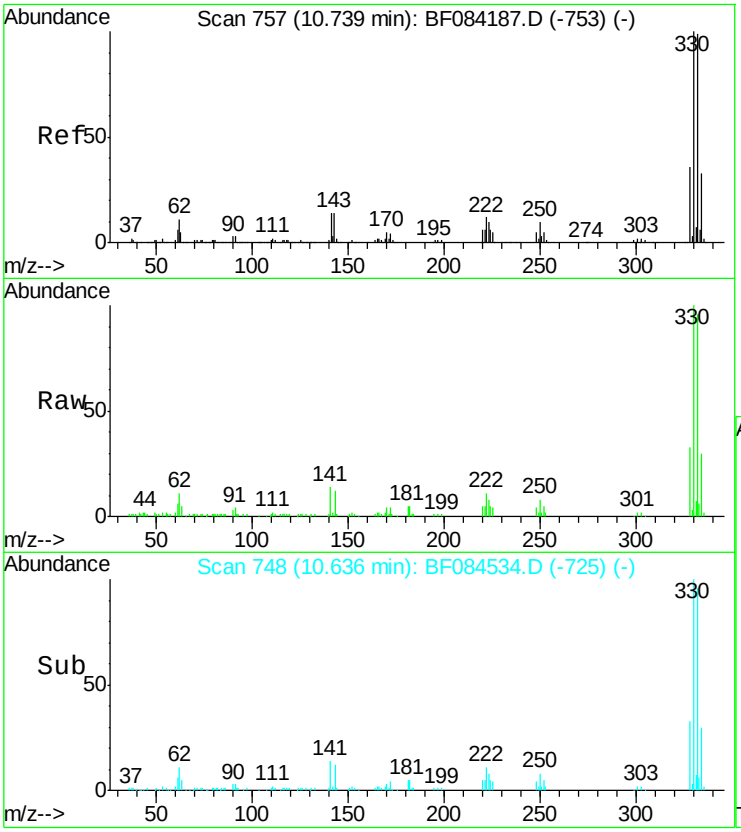


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:164 Resp: 586511

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	48.3	37.5	56.3



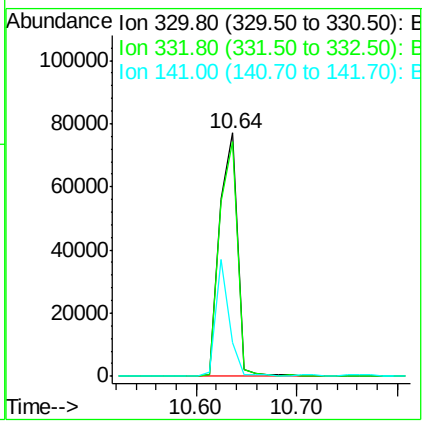


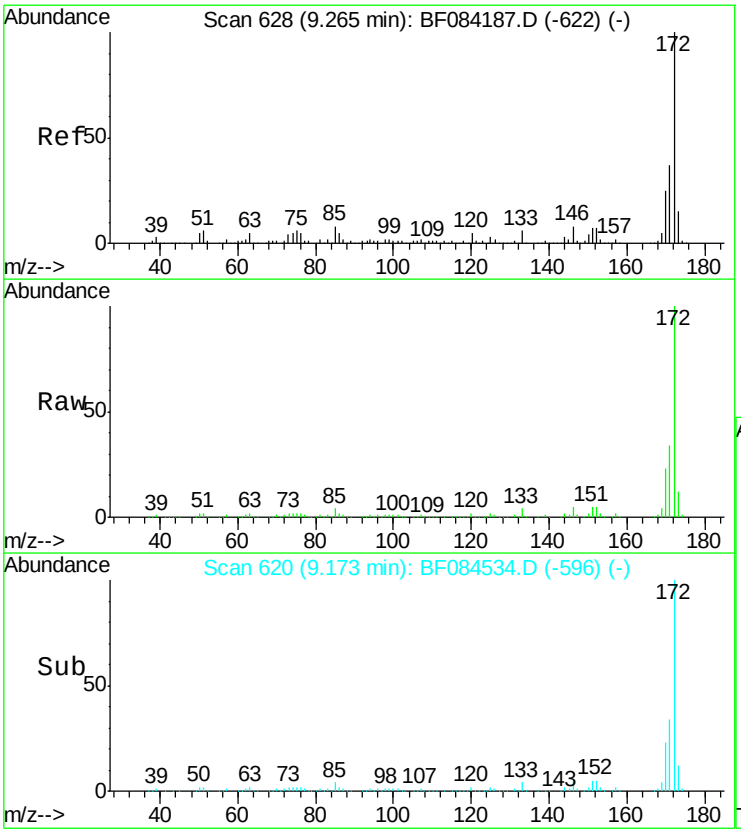
#41
2,4,6-Tribromophenol
Concen: 16.03 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:330 Resp: 94934

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	36.9	27.8	41.6

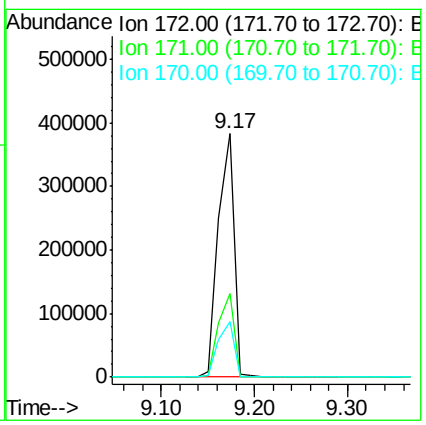


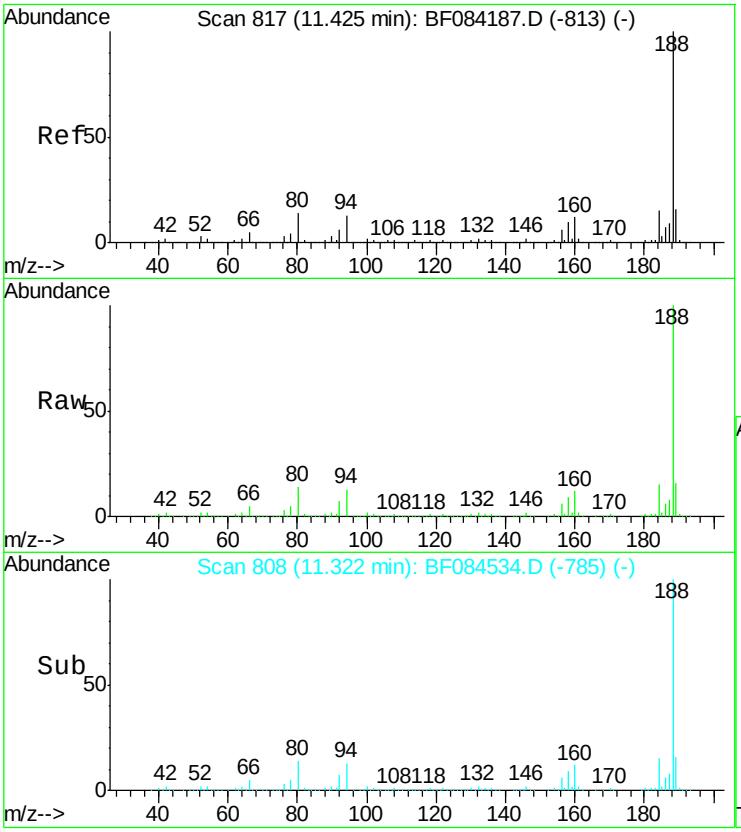


#44
2-Fluorobiphenyl
Concen: 7.68 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:172 Resp: 448089

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.9	43.3
170	22.8	18.6	27.8



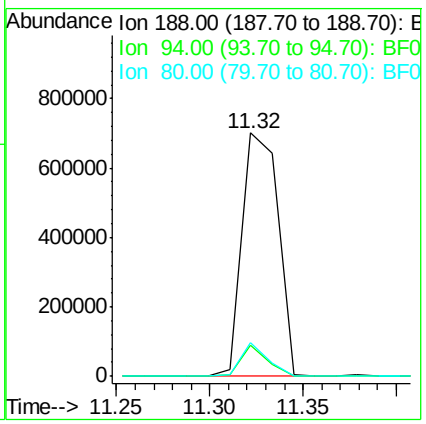


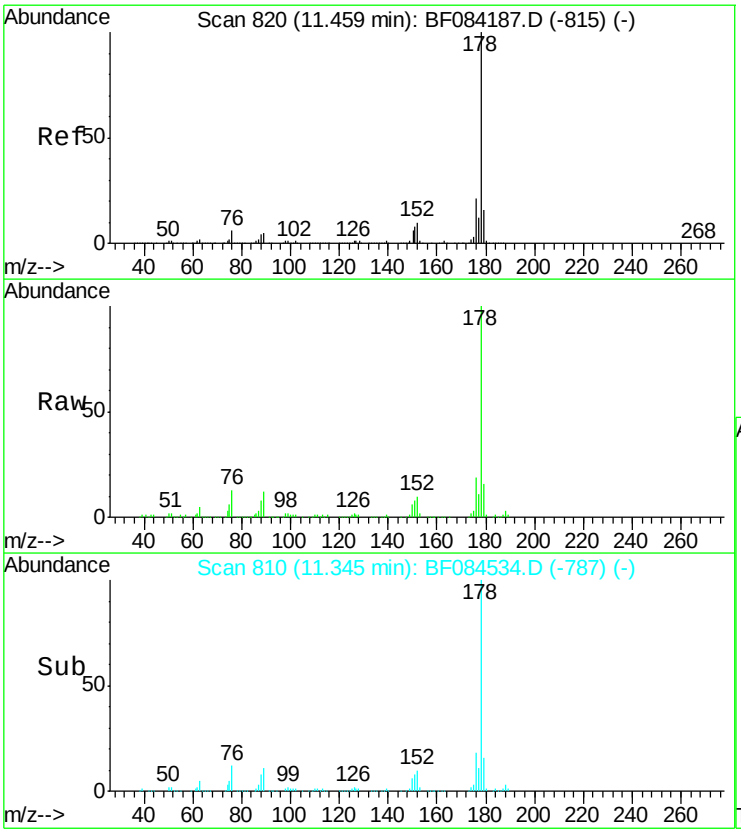
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:188 Resp: 939693

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.0	13.4
80	13.8	9.6	14.4

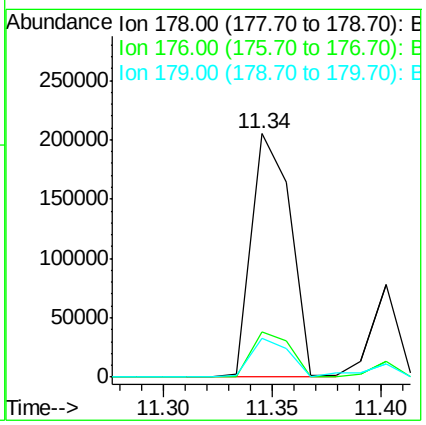


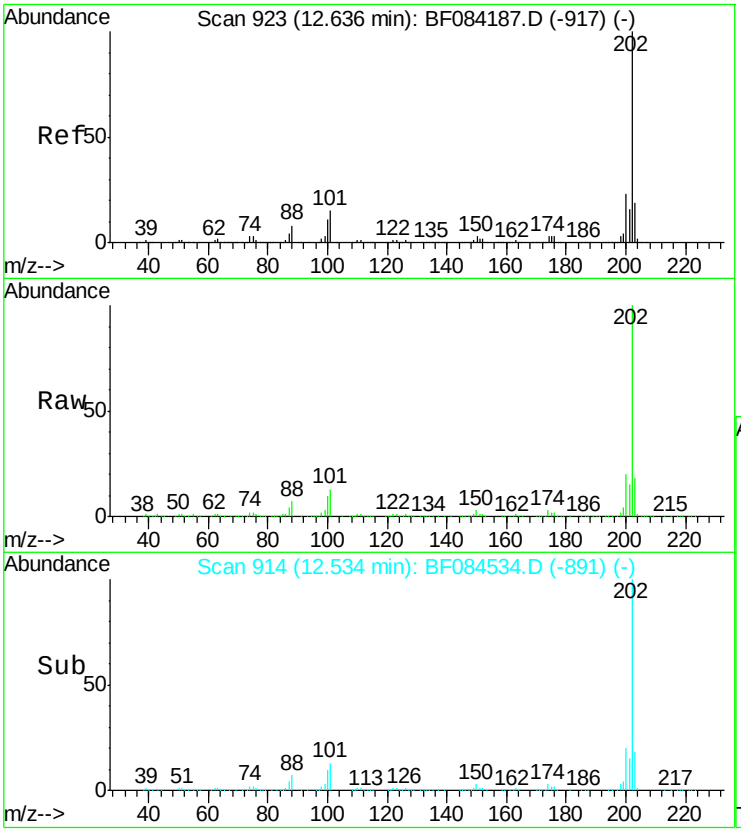


#70
Phenanthrene
Concen: 5.24 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:178 Resp: 257445

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.8	12.0	18.0



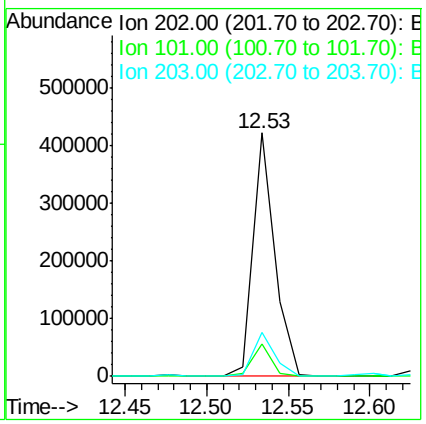


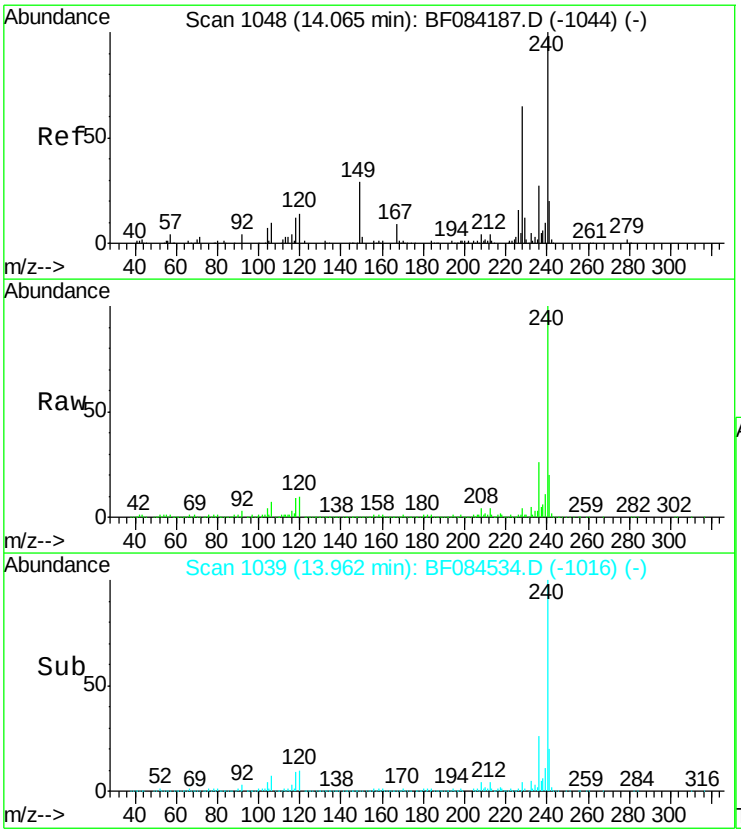
#74
Fluoranthene
Concen: 7.63 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:202 Resp: 391744

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.8
203	17.9	0.0	37.9

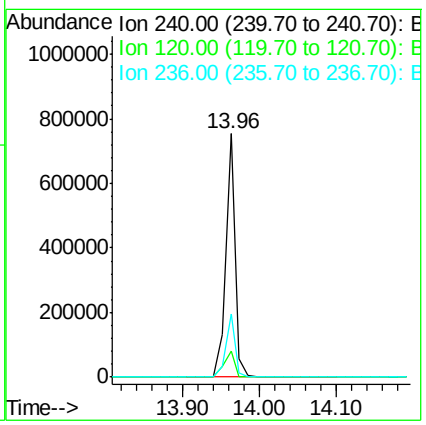


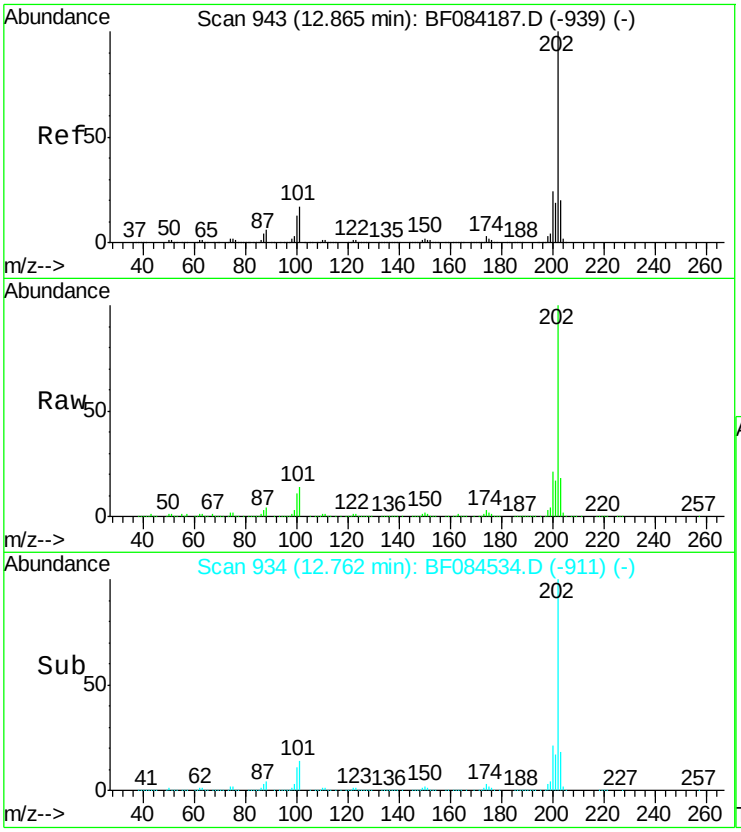


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:240 Resp: 658530

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.2	20.6	31.0



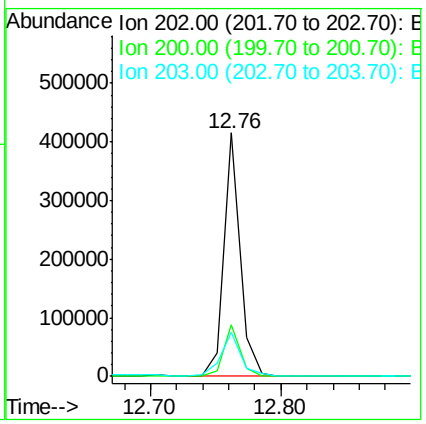


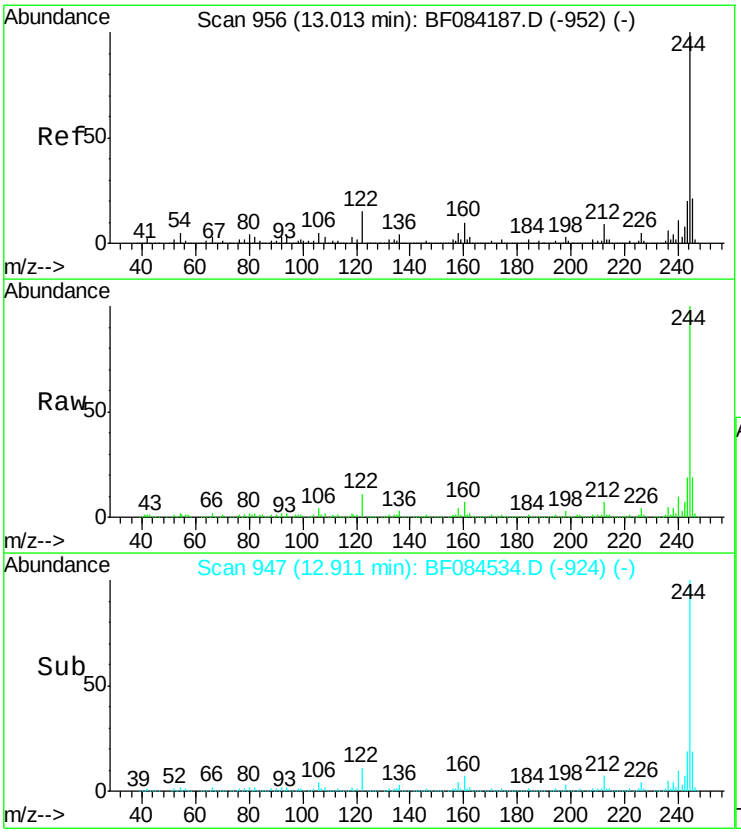
#77
Pyrene
Concen: 7.01 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:202 Resp: 362288

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	18.3	14.3	21.5

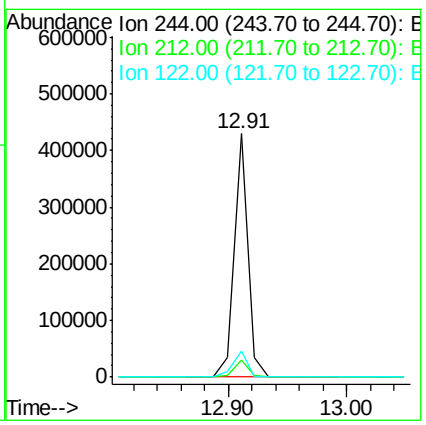


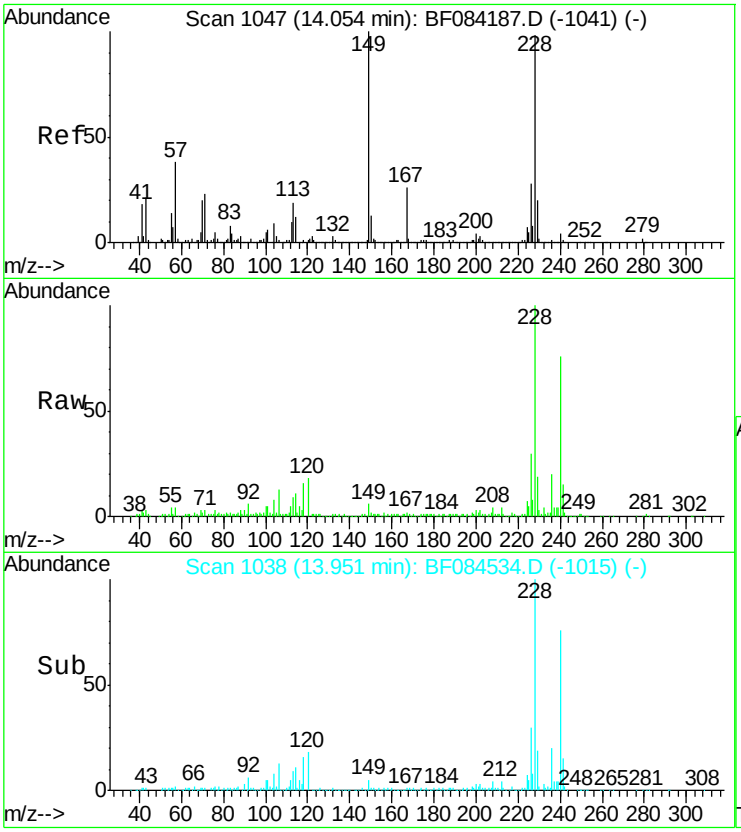


#78
Terphenyl-d14
Concen: 11.66 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:244 Resp: 344115

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.7	7.4	11.0



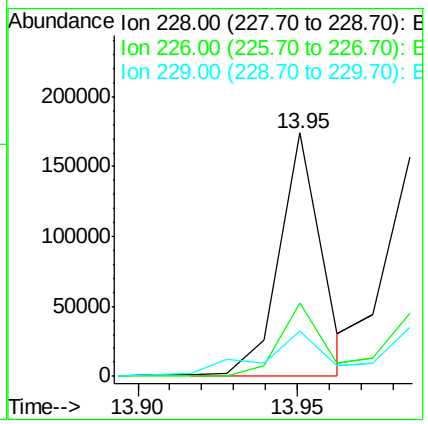


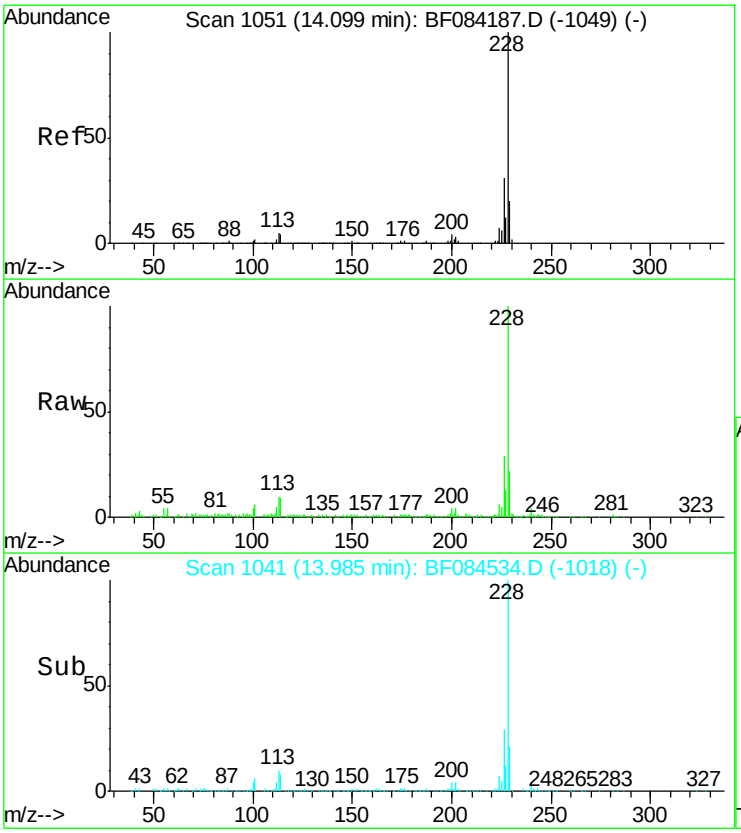
#80
Benzo(a)anthracene
Concen: 4.13 ng m
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:228 Resp: 159711

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.8	32.6
229	18.8	15.8	23.8

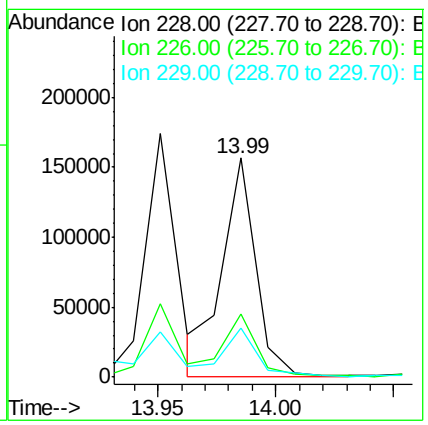


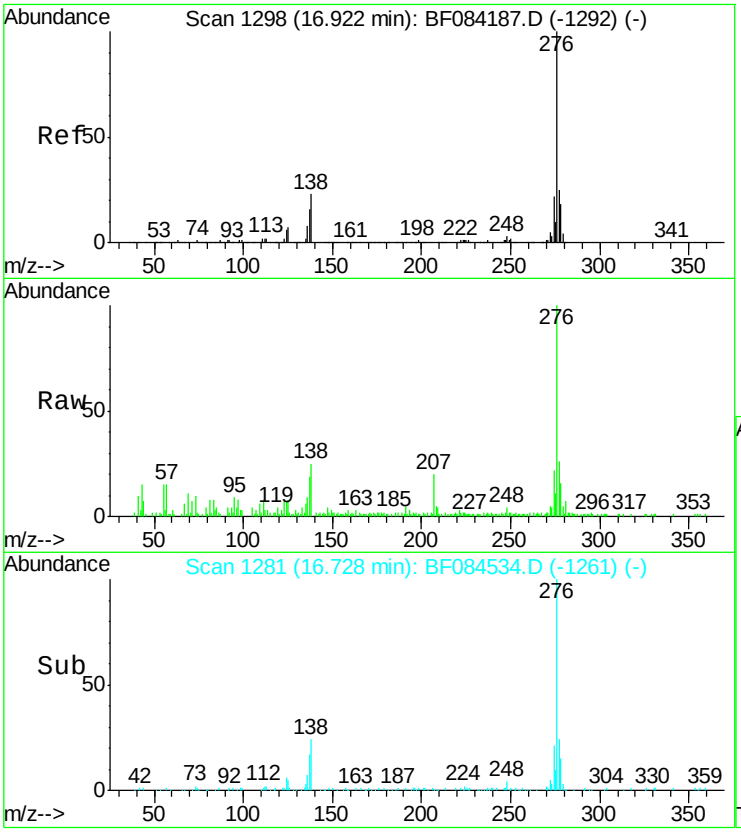


#82
Chrysene
Concen: 4.20 ng m
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:228 Resp: 156100

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.3	36.5
229	22.1	16.1	24.1



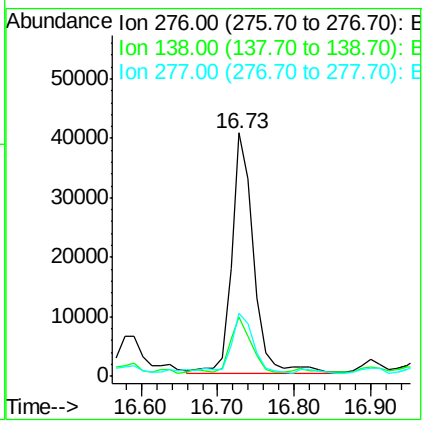


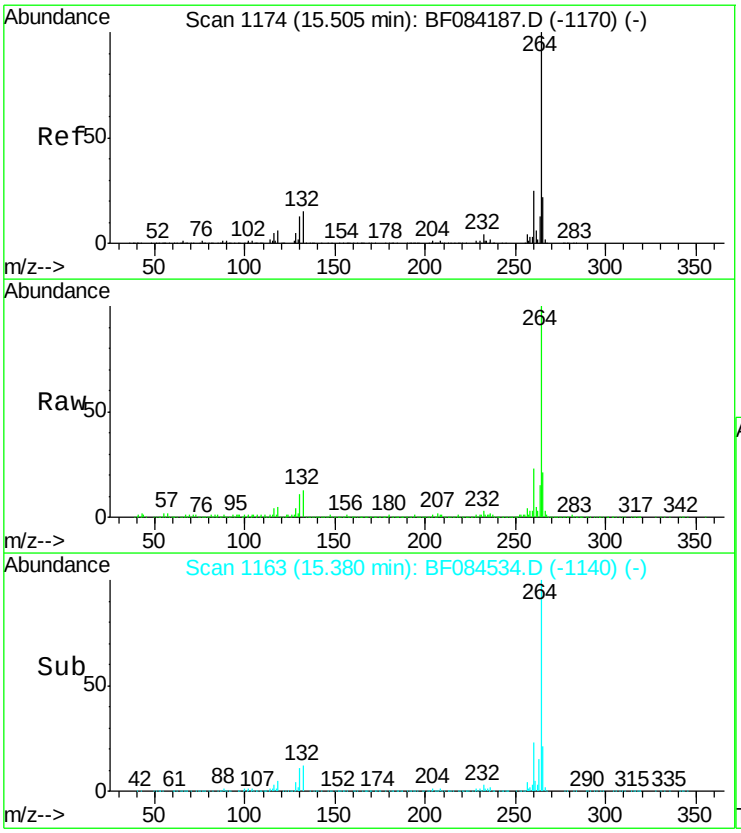
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.75 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.07 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:276 Resp: 80981

Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.6	30.8
277	25.2	20.1	30.1

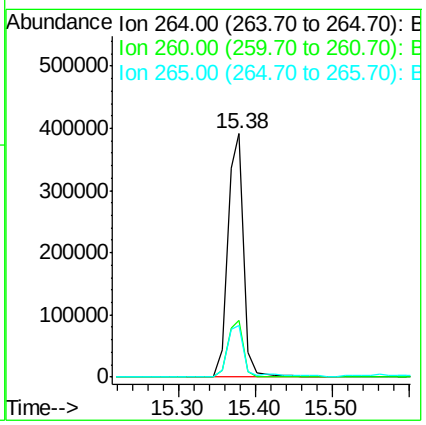


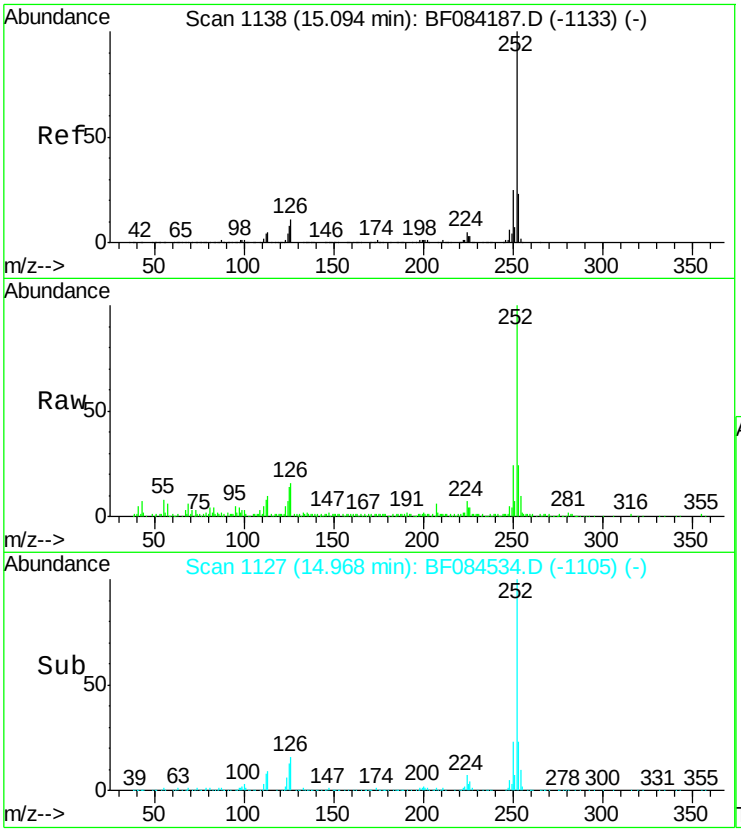


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:264 Resp: 574267

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.4	17.8	26.6



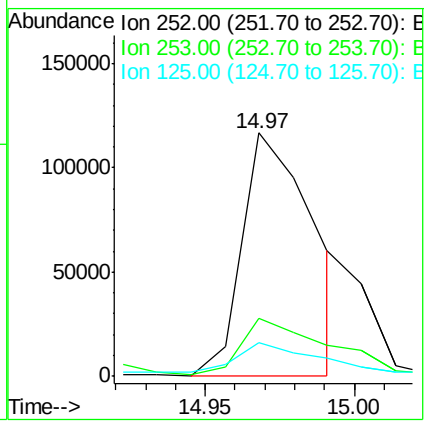


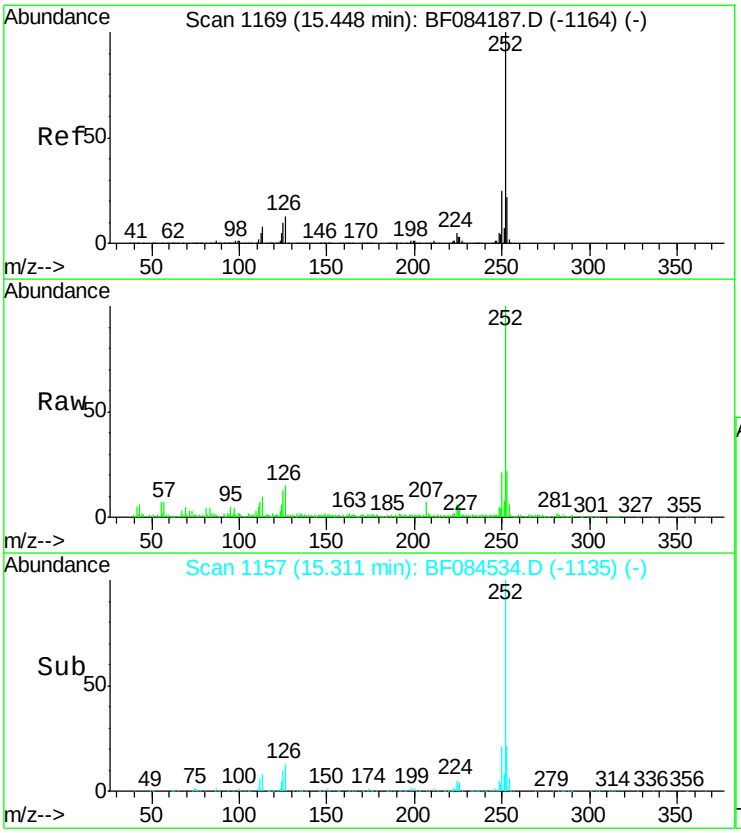
#87
Benzo(b)fluoranthene
Concen: 5.22 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:252 Resp: 196254

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	14.1	6.5	9.7#

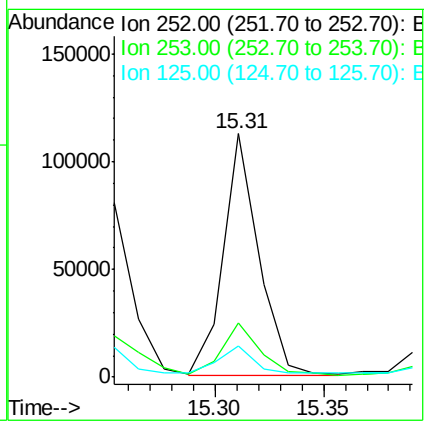


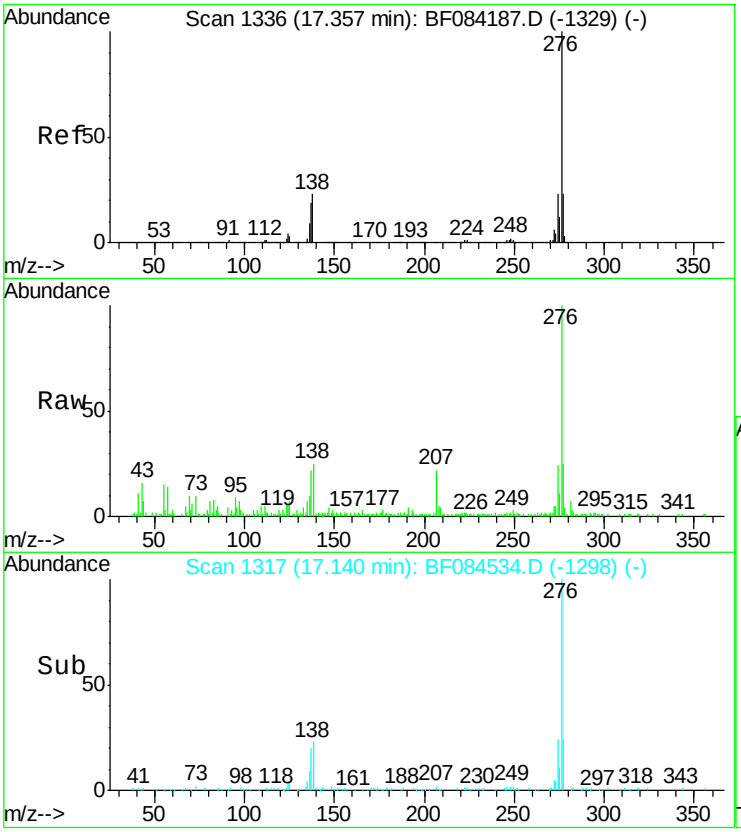


#89
Benzo(a)pyrene
Concen: 3.95 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Tgt Ion:252 Resp: 125776

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	12.7	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 2.93 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.08 min
Lab File: BF084534.D
Acq: 17 Jan 2016 14:21

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Tgt Ion:276 Resp: 83075

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	24.6	17.8	26.6