Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
Data File : BF084533.D
Acq On : 17 Jan 2016 13:53
Operator : SJ/UM
Sample : H1143-01RE 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-6-20160113

Quant Time: Jan 18 01:24:00 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	336986	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1275021	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	632203	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	1065858	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	719602	20.00	ng		-0.03
86) Perylene-d12	15.38	264	613442	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	564690	27.10	ng		-0.03
7) Phenol-d6	6.44	99	710445	27.15	ng		-0.03
23) Nitrobenzene-d5	7.37	82	447251	19.52	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	142041	22.25	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	718706	14.77	ng		-0.02
78) Terphenyl-d14	12.91	244	577401	17.91	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	61813	3.49	ng	#	71
25) Isophorone	7.37	82	391671	8.94	ng	#	66
32) Benzoic acid	7.76	122	225	6.26	ng	#	10
50) 2,6-Dinitrotoluene	9.85	165	83821	8.46	ng	#	37
54) Dibenzofuran	10.05	168	13870	Below Cal		#	86
56) 2,4-Dinitrotoluene	9.85	165	83824	6.68	ng	#	21
57) Fluorene	10.38	166	20042	Below Cal		#	95
70) Phenanthrene	11.34	178	350882	6.29	ng		98
73) Di-n-butylphthalate	11.89	149	11993	Below Cal		#	90
74) Fluoranthene	12.53	202	537904	9.24	ng		100
77) Pyrene	12.76	202	499948	8.85	ng		98
80) Benzo(a)anthracene	13.95	228	240693	5.70	ng		98
82) Chrysene	13.99	228	166079	4.09	ng		97
85) Indeno(1,2,3-cd)pyrene	16.73	276	99067	3.08	ng		95
87) Benzo(b)fluoranthene	14.97	252	292605	7.29	ng	#	94
88) Benzo(k)fluoranthene	14.97	252	292605	8.92	ng	#	98
89) Benzo(a)pyrene	15.31	252	155784	4.58	ng	#	93
91) Benzo(g,h,i)perylene	17.14	276	106223	3.50	ng		97

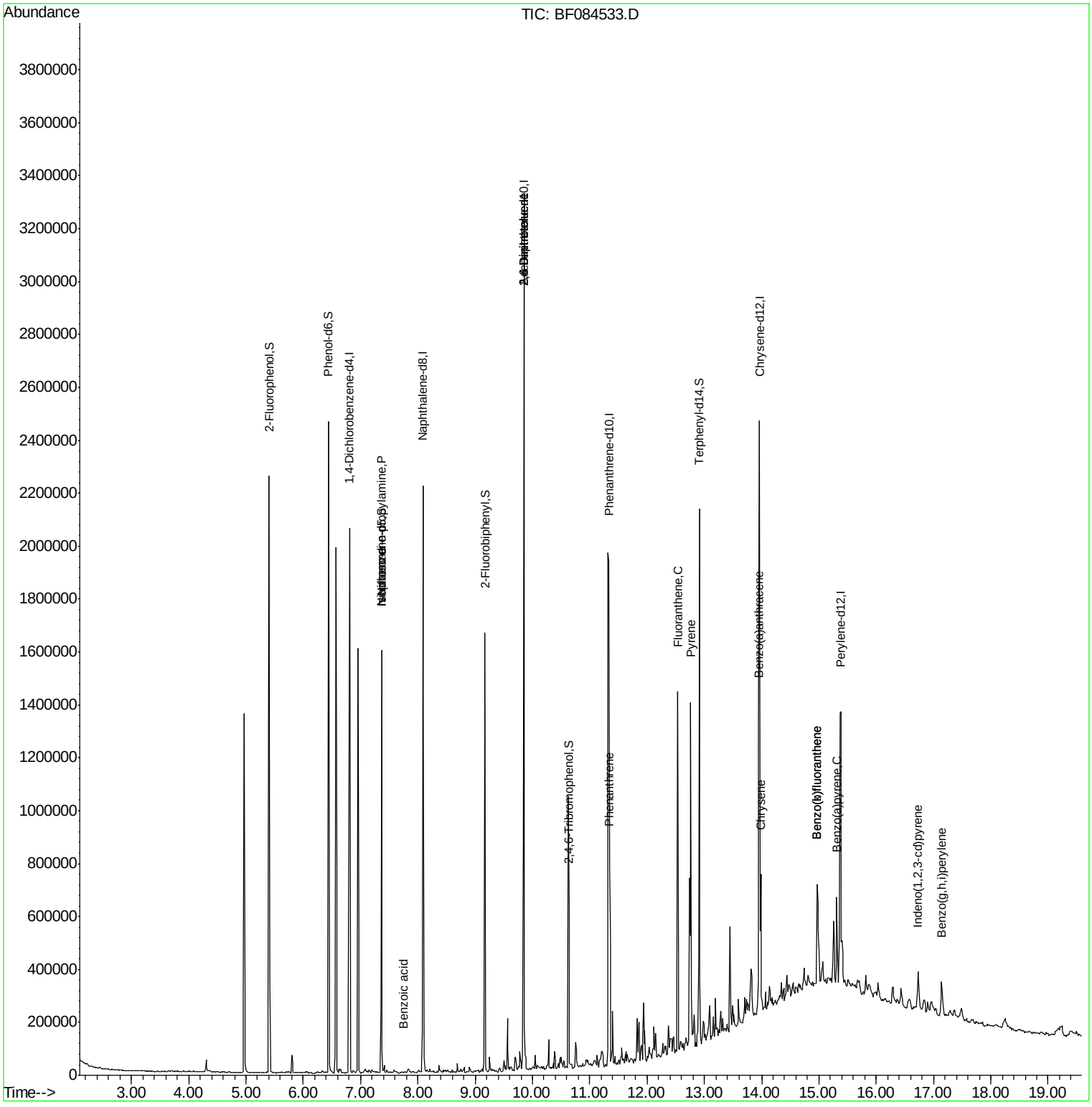
(#) = qualifier out of range (m) = manual integration (+) = signals summed

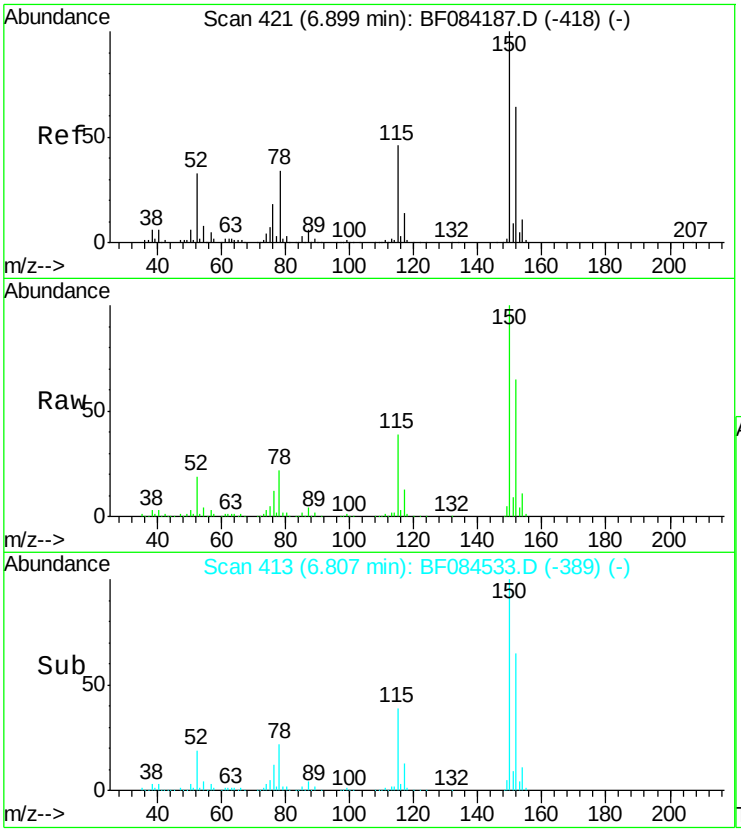
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
Data File : BF084533.D
Acq On : 17 Jan 2016 13:53
Operator : SJ/UM
Sample : H1143-01RE 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Quant Time: Jan 18 01:24:00 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



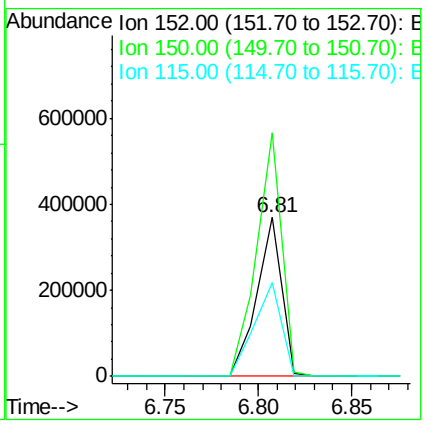


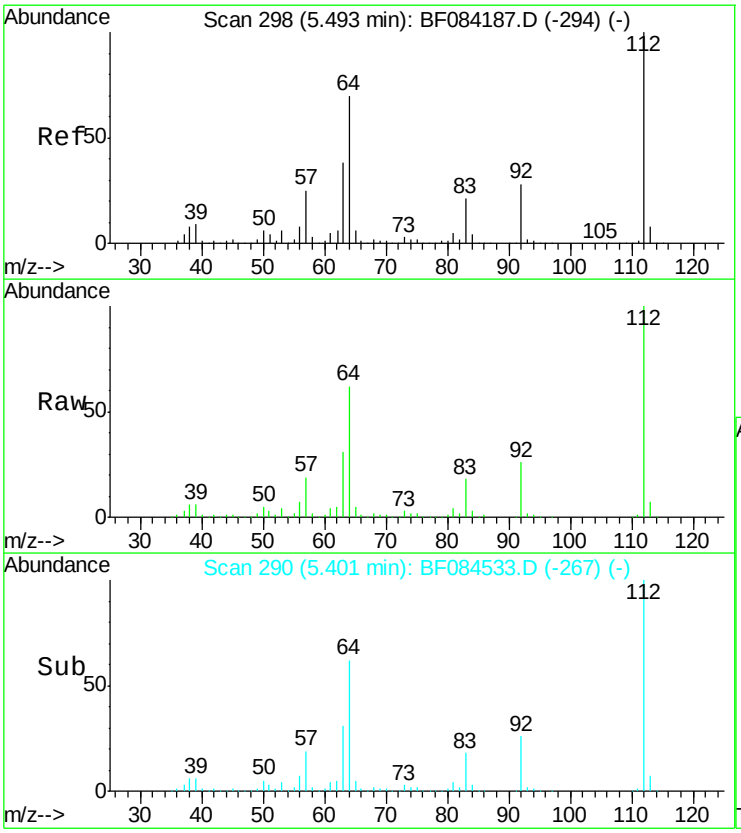
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:152 Resp: 336986

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.0	184.4
115	59.3	51.4	77.2

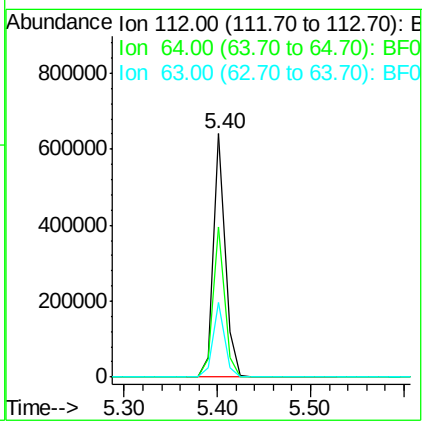


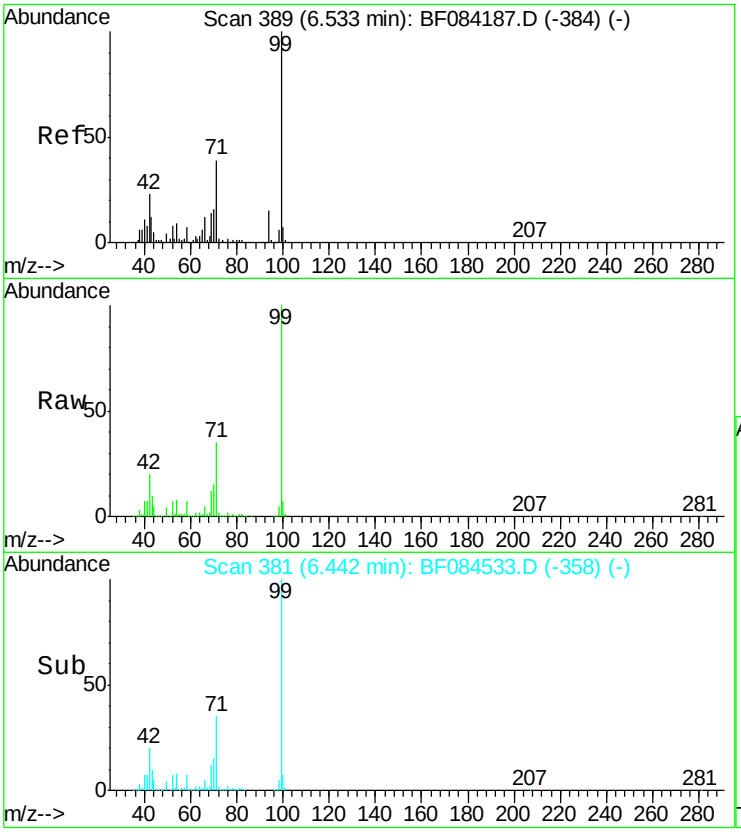


#5
2-Fluorophenol
Concen: 27.10 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:112 Resp: 564690

Ion	Ratio	Lower	Upper
112	100		
64	61.9	36.6	55.0#
63	30.8	19.4	29.0#



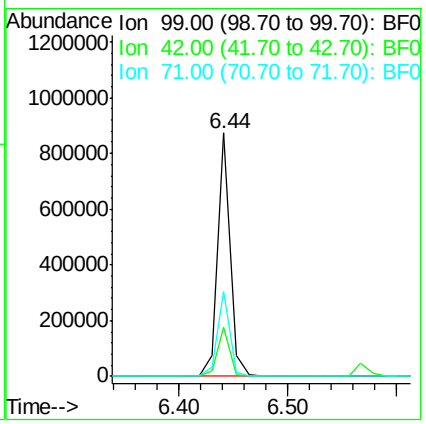


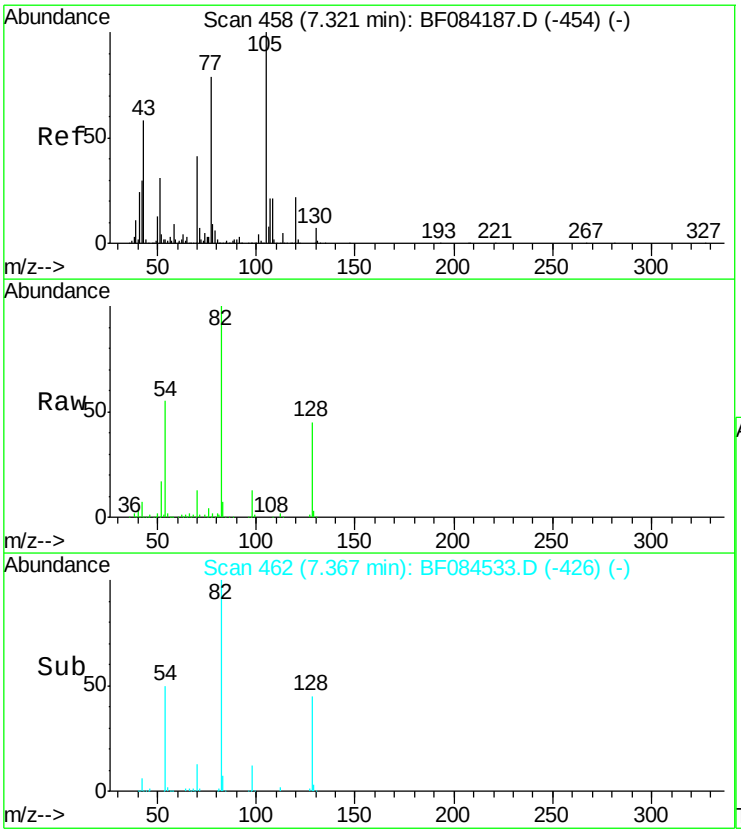
#7
Phenol-d6
Concen: 27.15 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion: 99 Resp: 710445

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	35.0	30.9	46.3

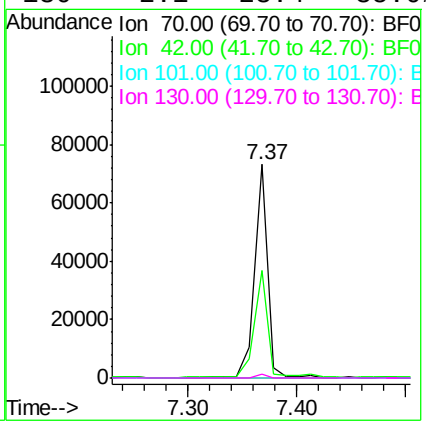


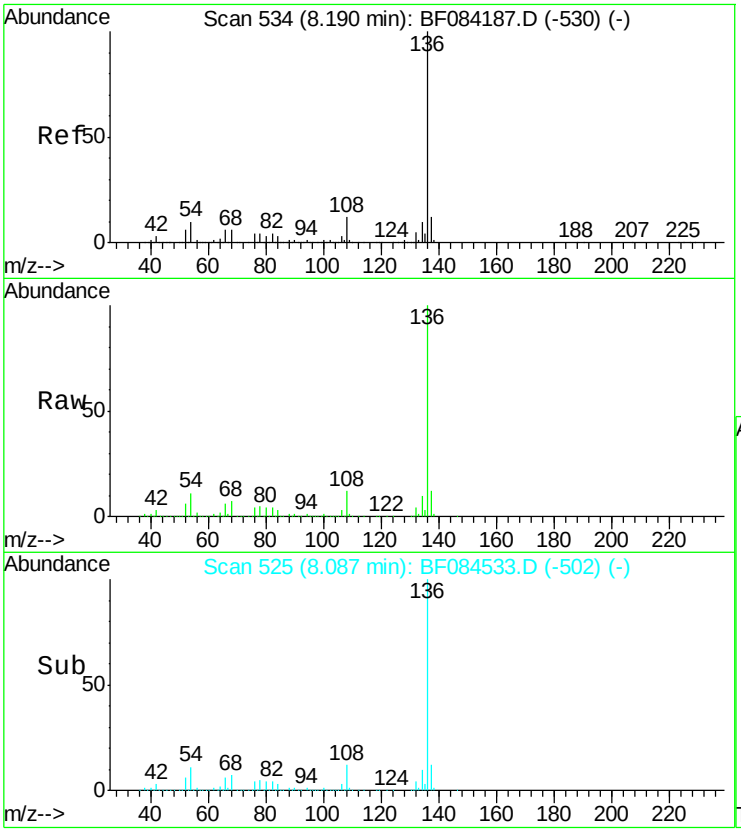


#19
n-Nitroso-di-n-propylamine
Concen: 3.49 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.11 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion: 70 Resp: 61813

Ion	Ratio	Lower	Upper
70	100		
42	50.3	33.3	49.9#
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



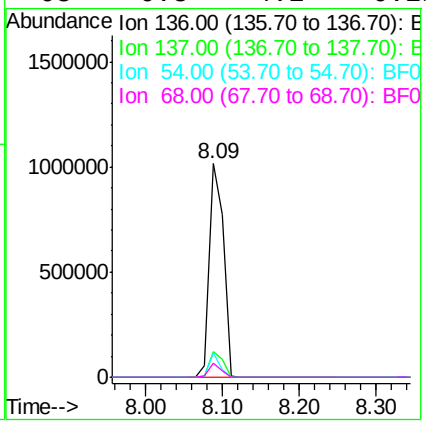


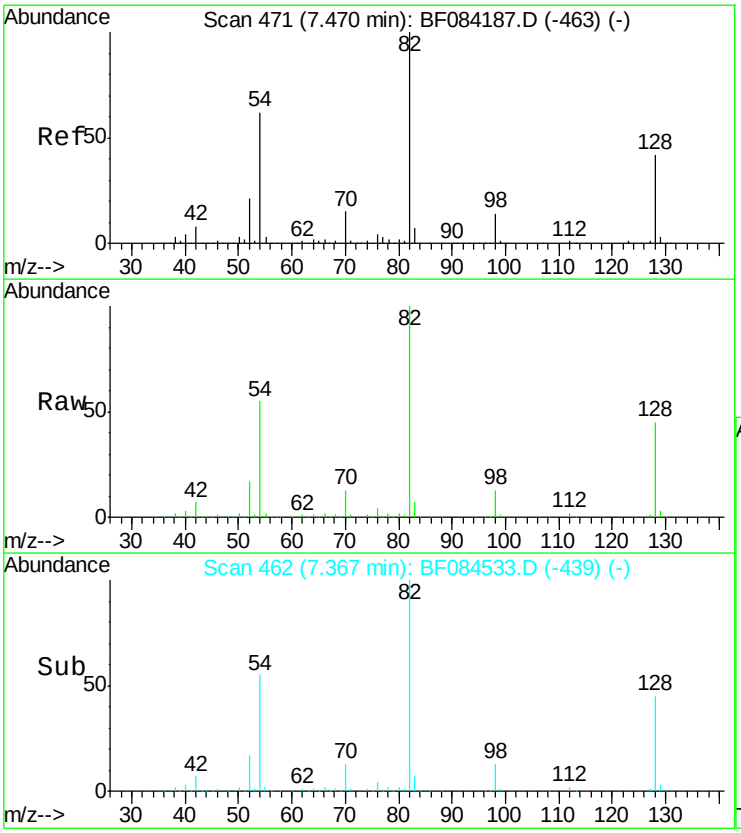
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:136 Resp: 1275021

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	11.3	5.8	8.8#
68	6.8	4.2	6.2#

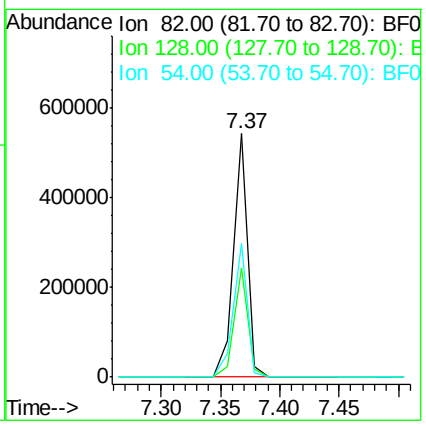


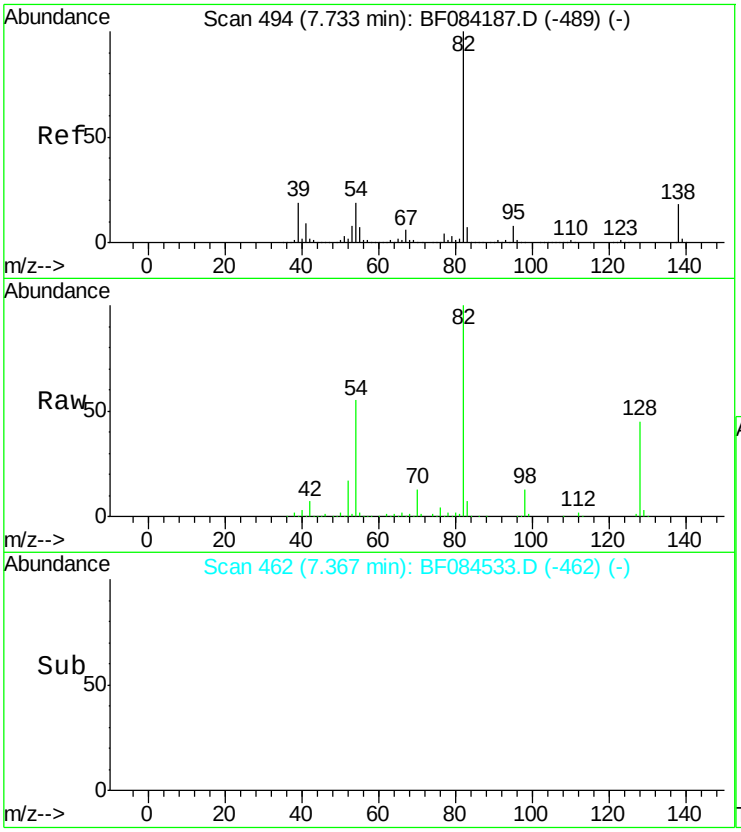


#23
Nitrobenzene-d5
Concen: 19.52 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion: 82 Resp: 447251

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	54.7	38.4	57.6



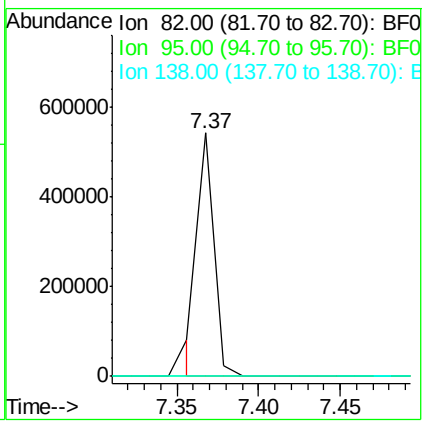


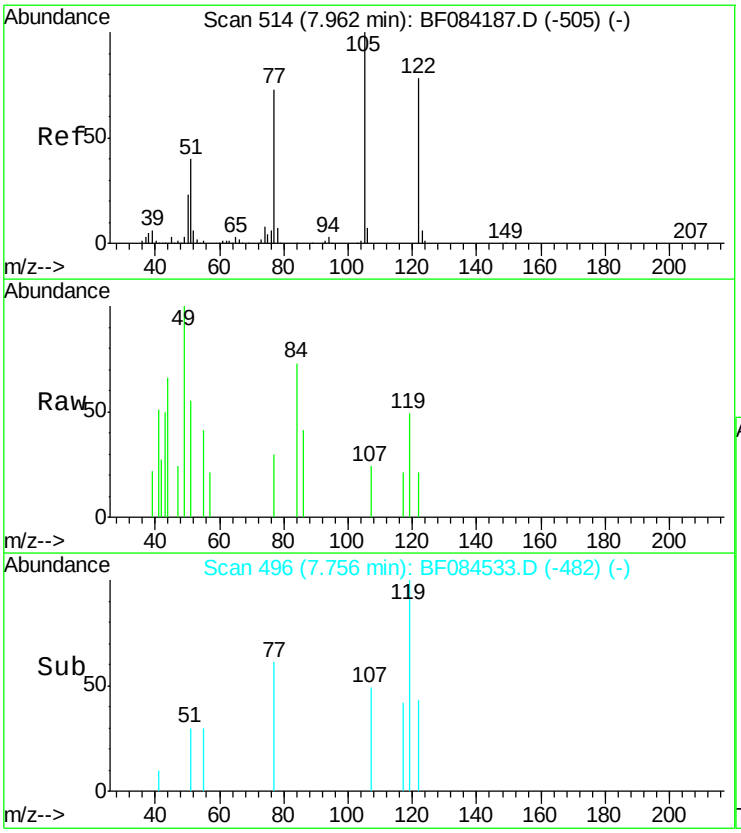
#25
Isophorone
Concen: 8.94 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.30 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion: 82 Resp: 391671

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

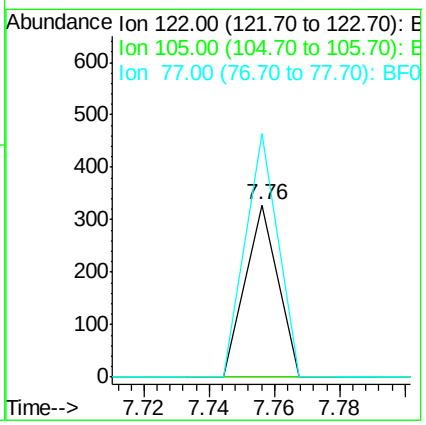


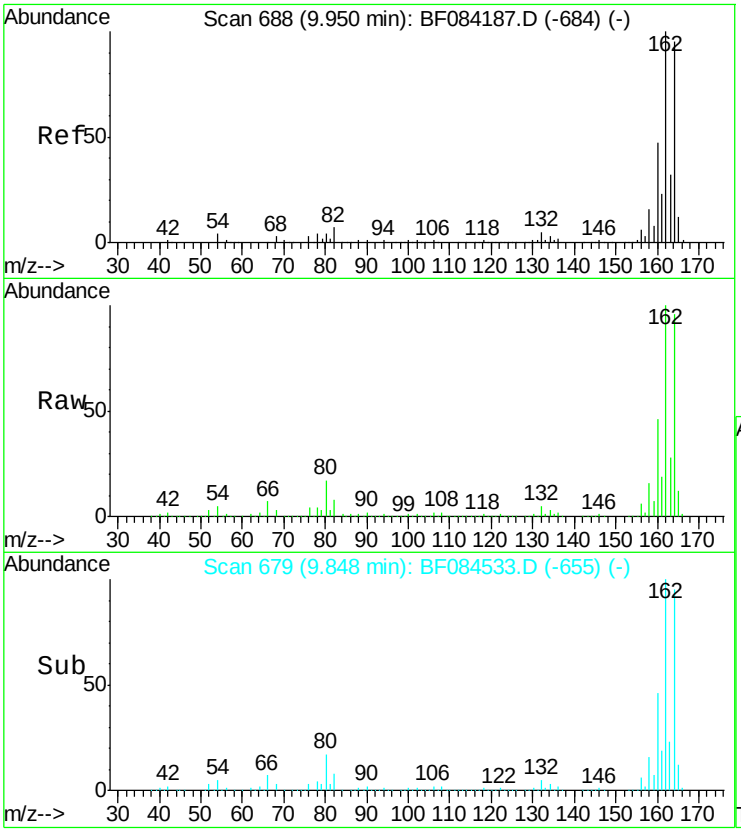


#32
Benzoic acid
Concen: 6.26 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.14 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:122 Resp: 225

Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.3	140.3#
77	141.5	63.5	103.5#



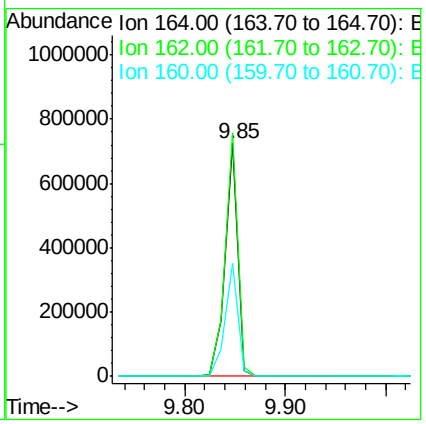


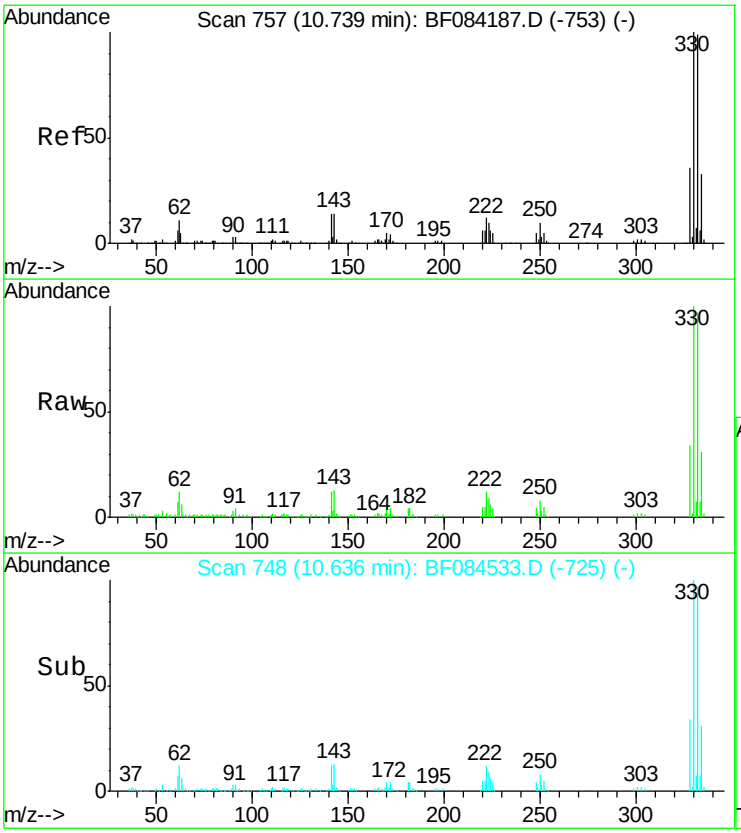
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:164 Resp: 632203

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.1	127.7
160	48.5	37.5	56.3

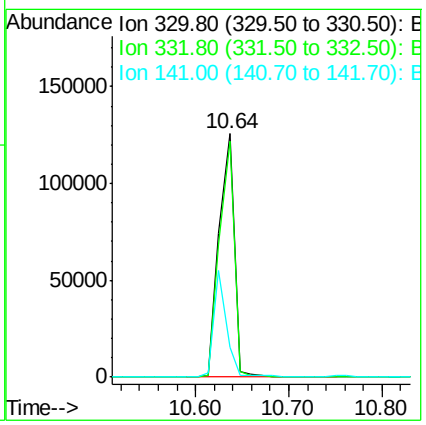


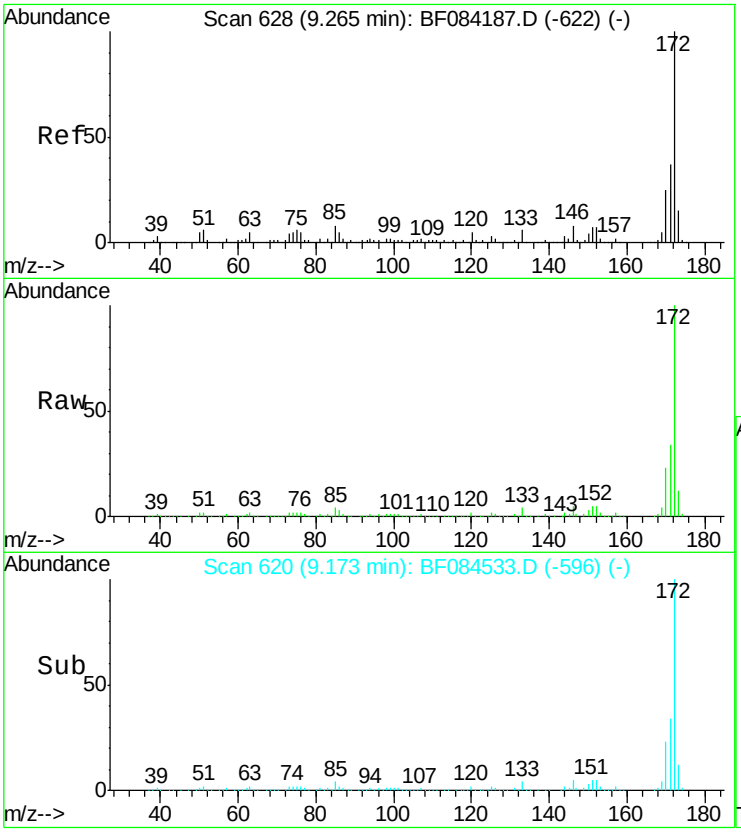


#41
2,4,6-Tribromophenol
Concen: 22.25 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:330 Resp: 142041

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	36.6	27.8	41.6



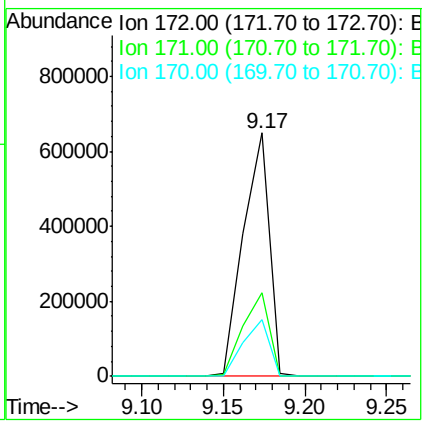


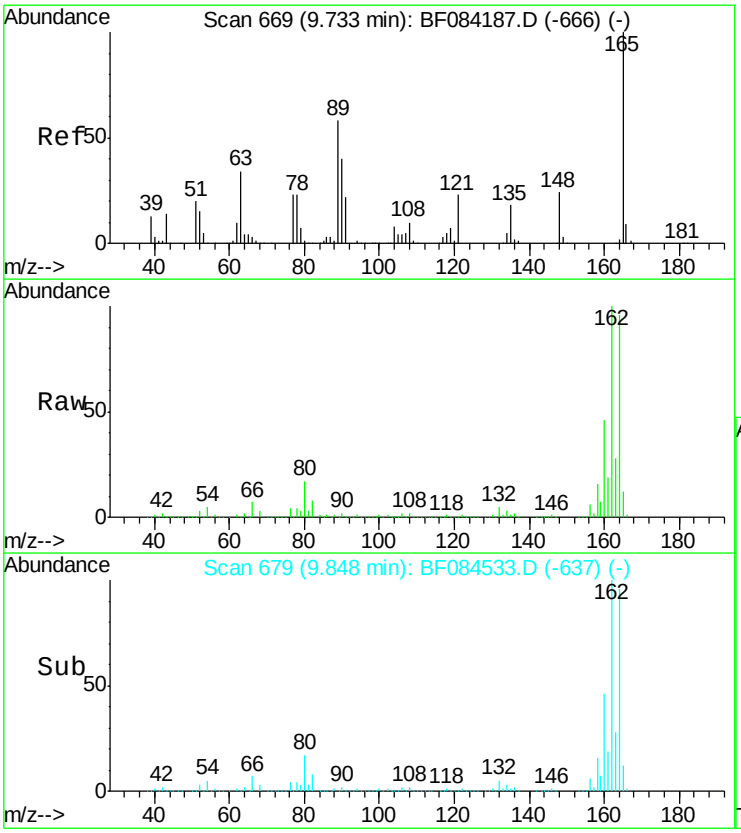
#44
2-Fluorobiphenyl
Concen: 14.77 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:172 Resp: 718706

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.9	43.3
170	23.3	18.6	27.8

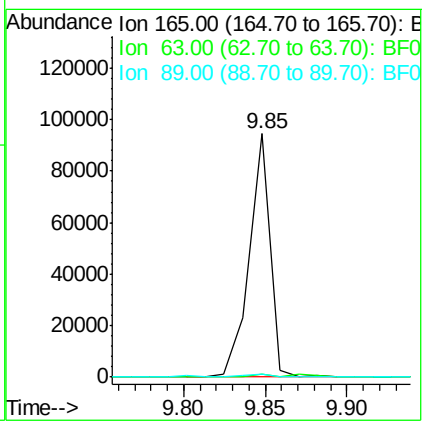


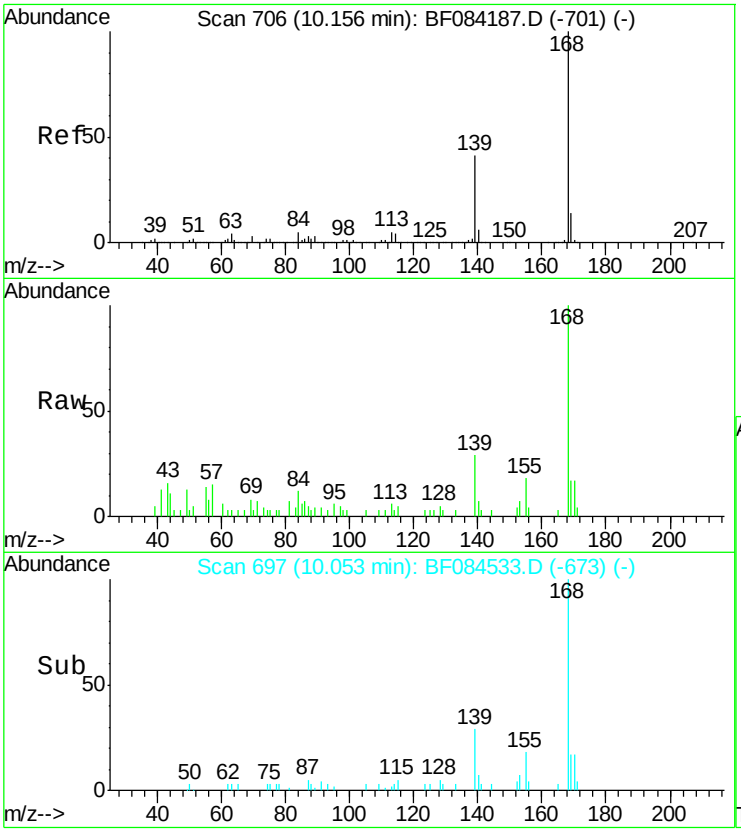


#50
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.18 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:165 Resp: 83821

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.4	35.1	52.7#



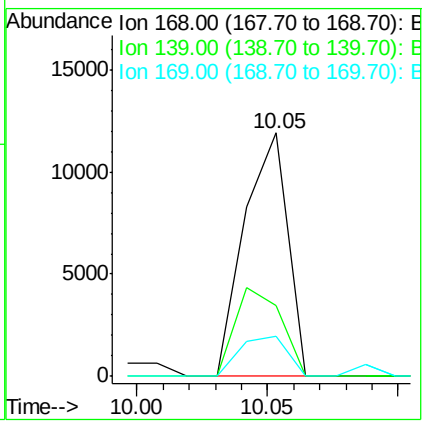


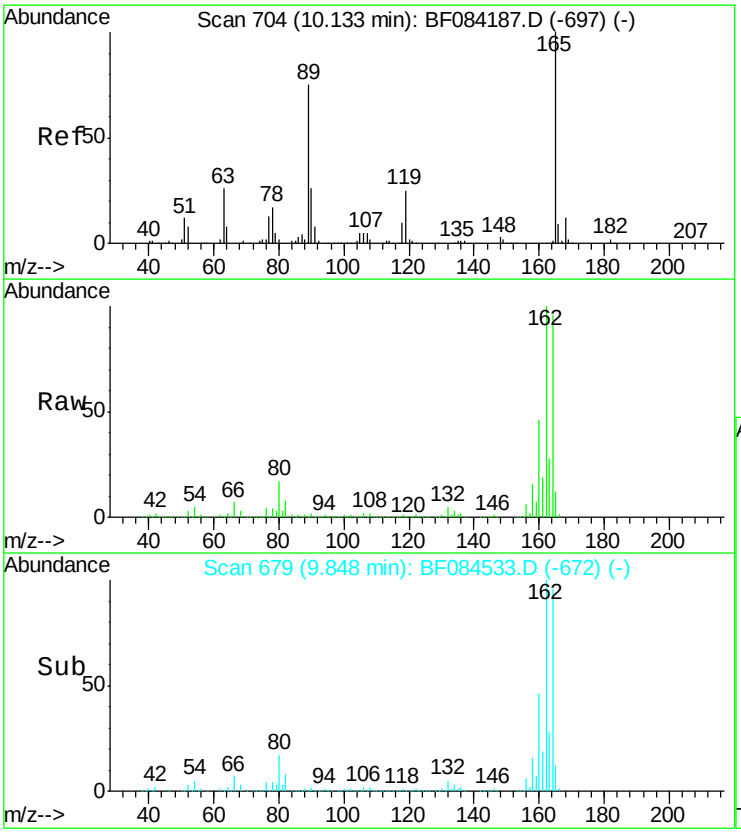
#54
Dibenzofuran
Concen: Below Cal
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:168 Resp: 13870

Ion	Ratio	Lower	Upper
168	100		
139	28.9	30.5	45.7#
169	16.6	10.4	15.6#

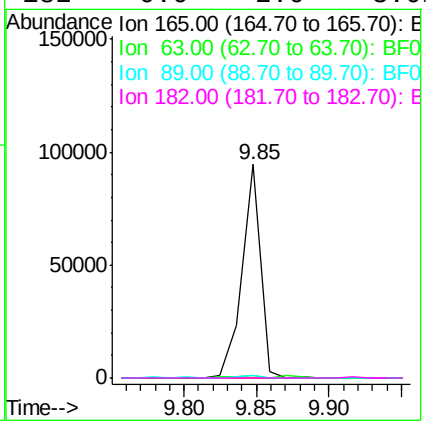


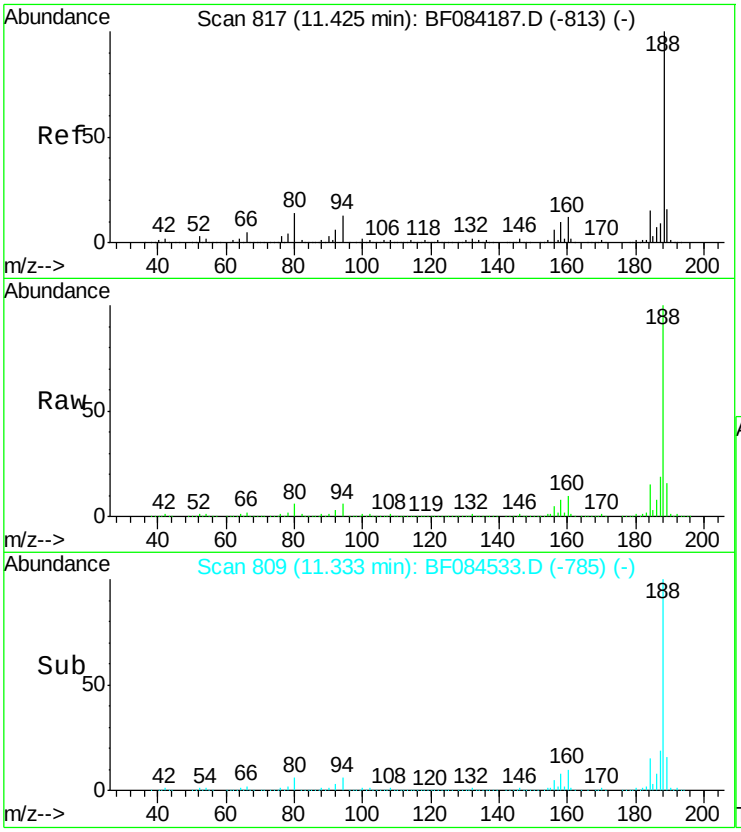


#56
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.22 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:165 Resp: 83824

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#



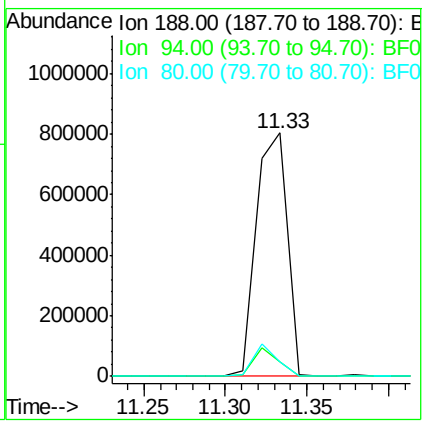


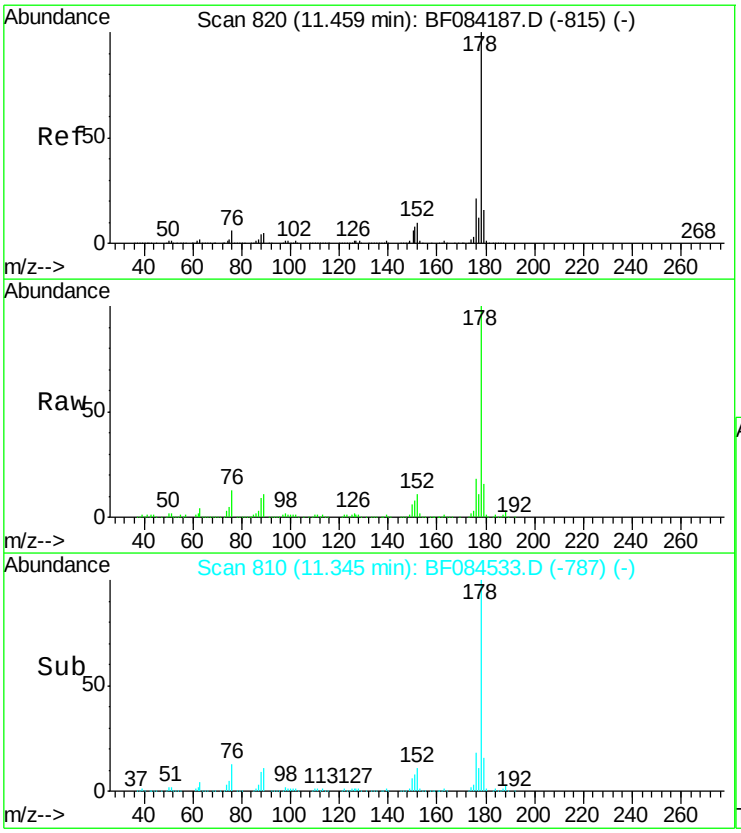
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:188 Resp: 1065858

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.4#
80	5.8	9.6	14.4#

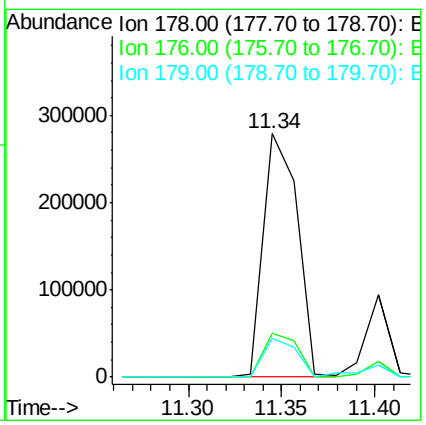


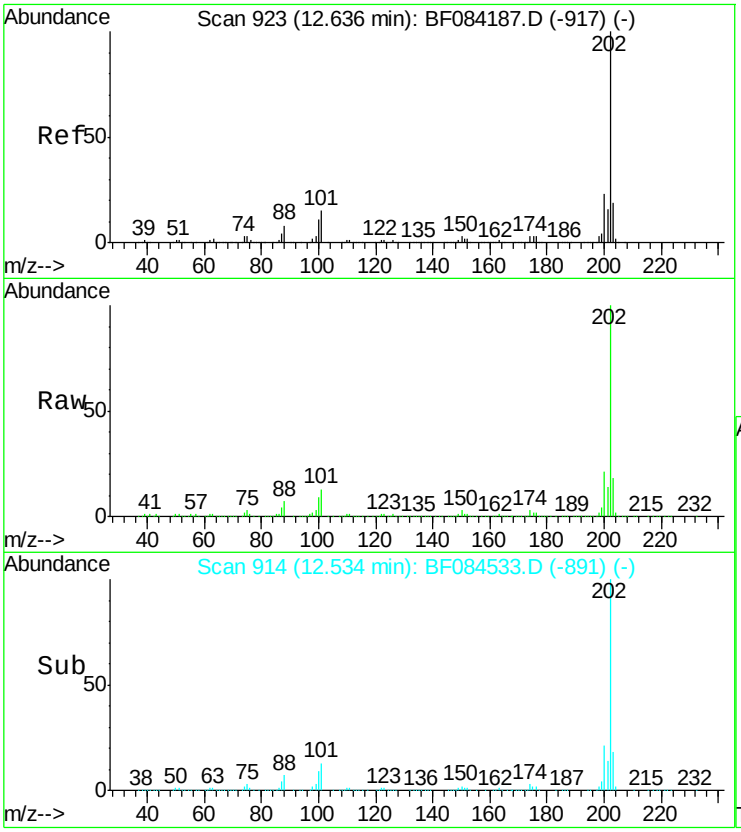


#70
Phenanthrene
Concen: 6.29 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:178 Resp: 350882

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.9	12.0	18.0



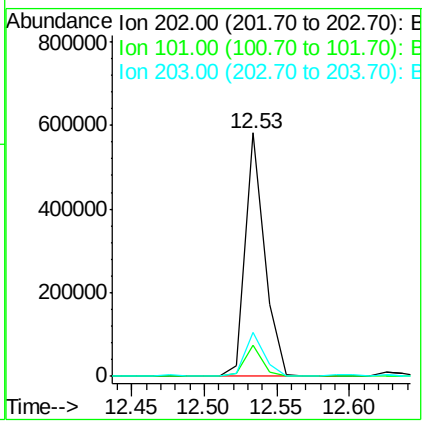


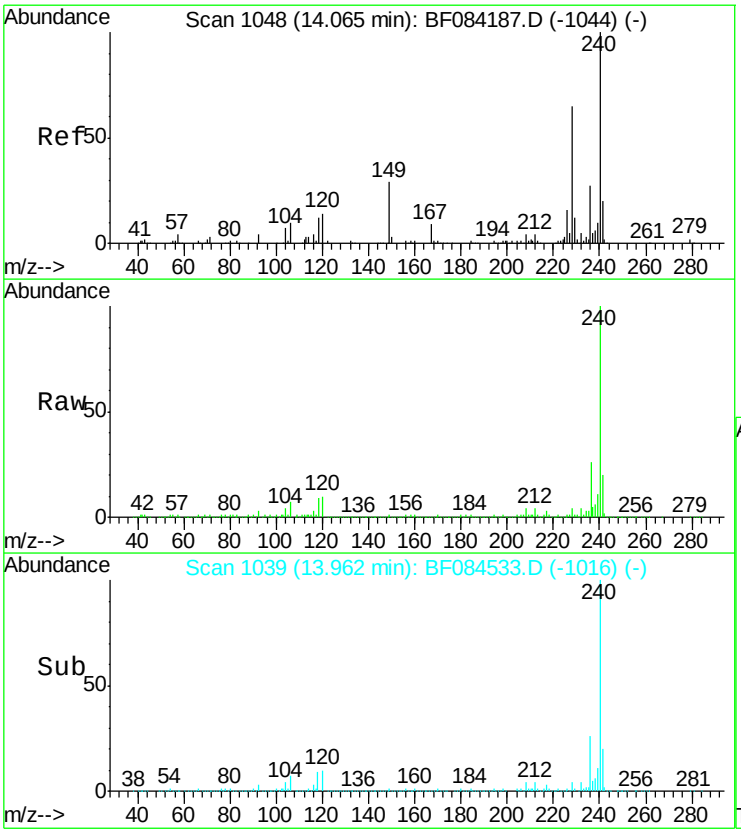
#74
Fluoranthene
Concen: 9.24 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:202 Resp: 537904

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.8
203	17.9	0.0	37.9

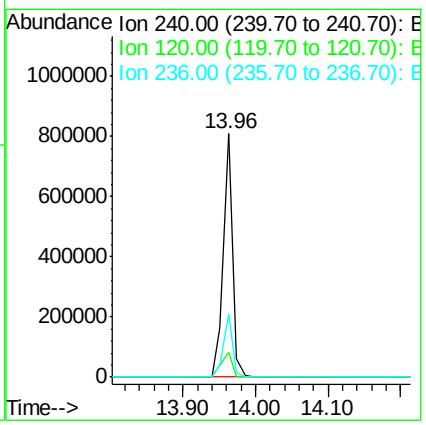


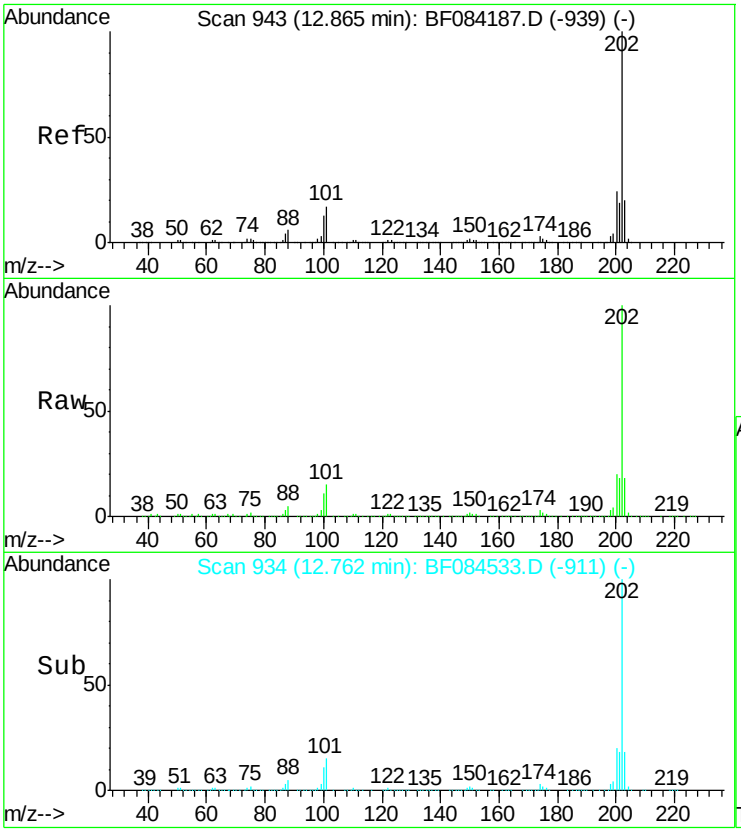


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:240 Resp: 719602

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.7	20.6	31.0



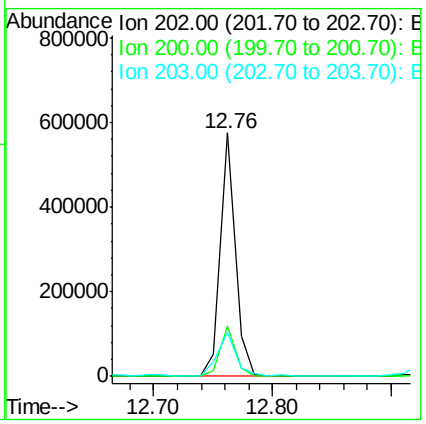


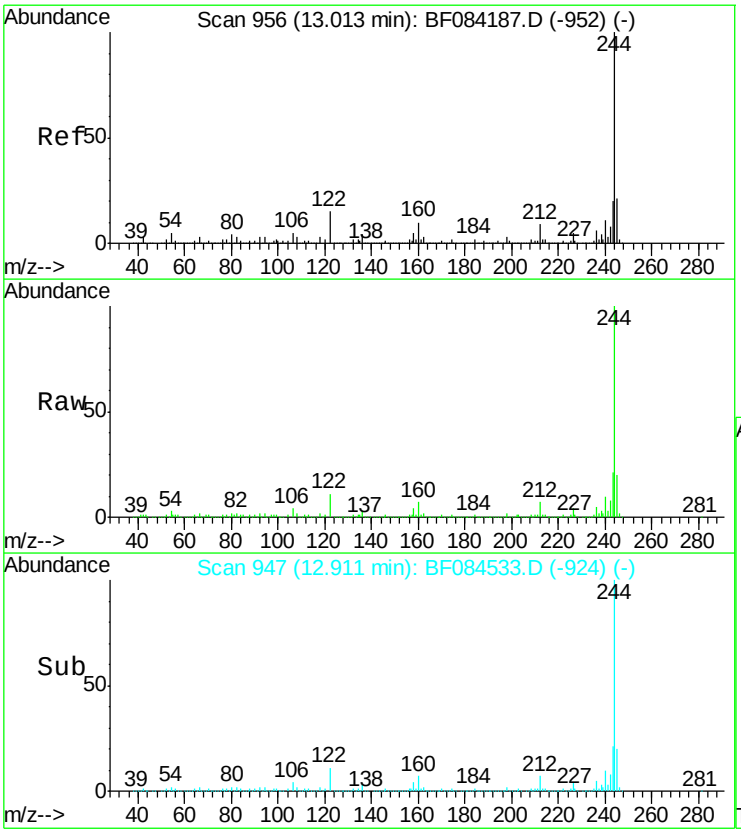
#77
Pyrene
Concen: 8.85 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:202 Resp: 499948

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.2	25.8
203	18.3	14.3	21.5

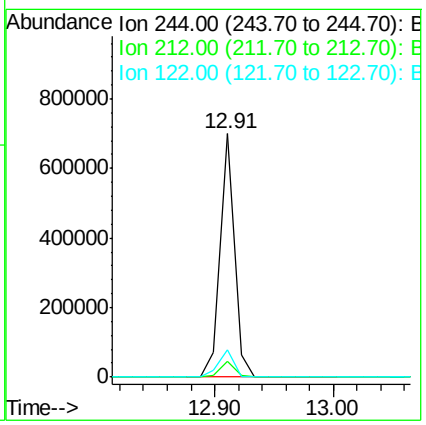


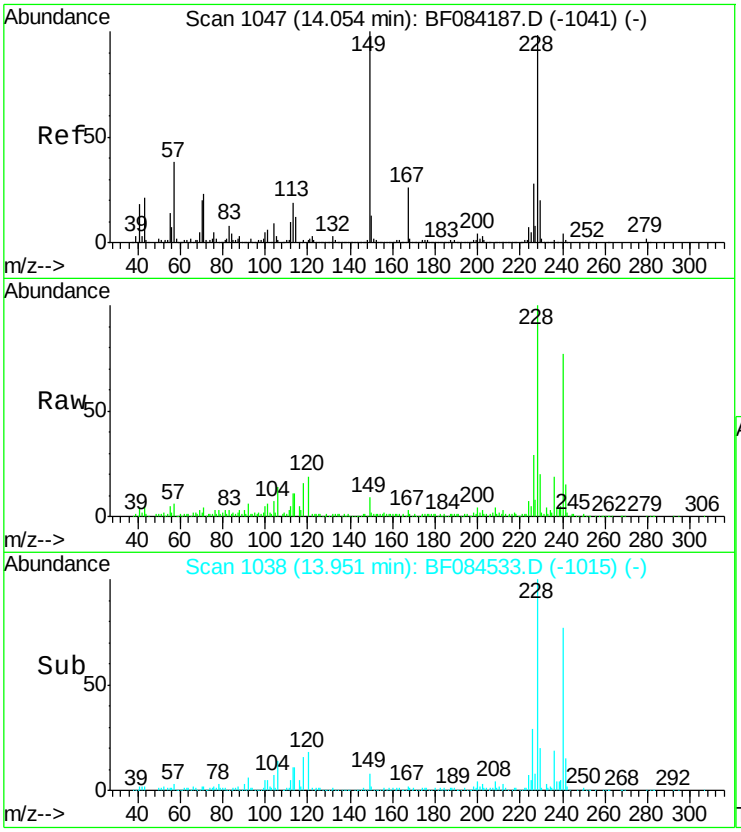


#78
Terphenyl-d14
Concen: 17.91 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:244 Resp: 577401

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.0	7.4	11.0#



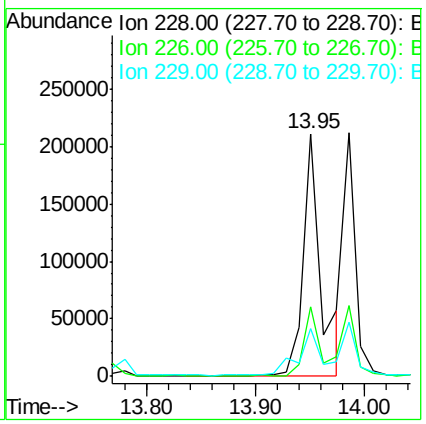


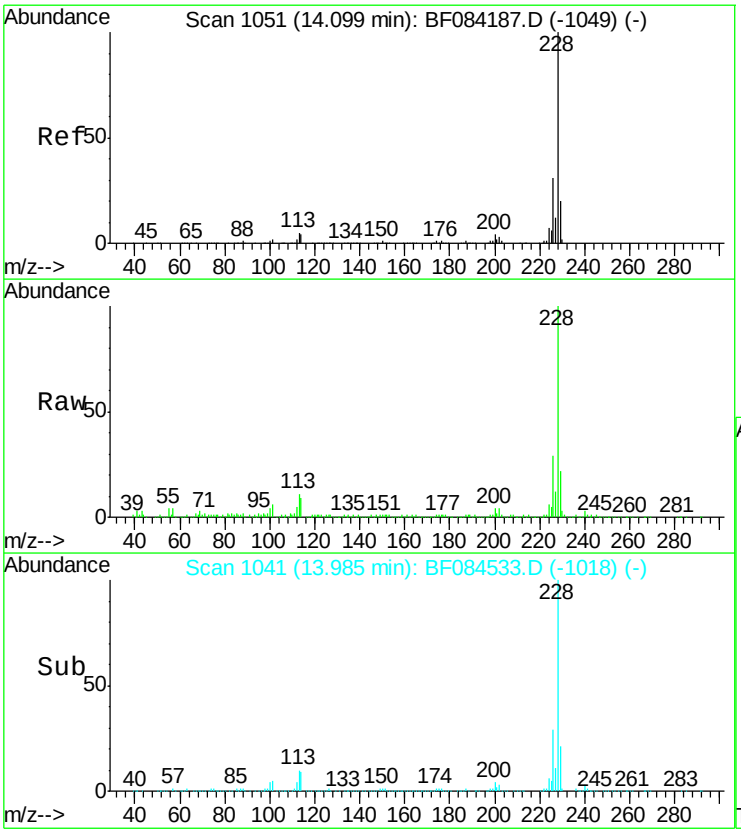
#80
Benzo(a)anthracene
Concen: 5.70 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:228 Resp: 240693

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.6
229	19.9	15.8	23.8

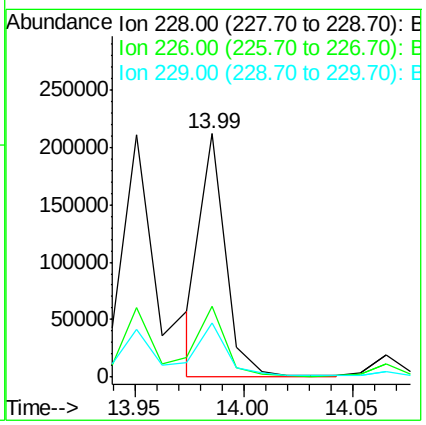


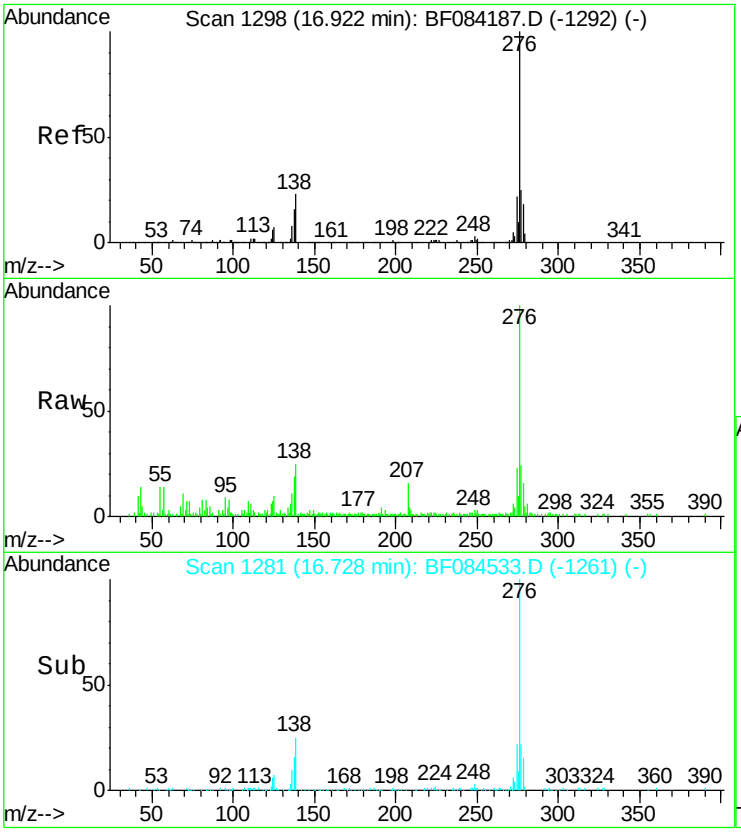


#82
Chrysene
Concen: 4.09 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:228 Resp: 166079

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.3	36.5
229	22.1	16.1	24.1



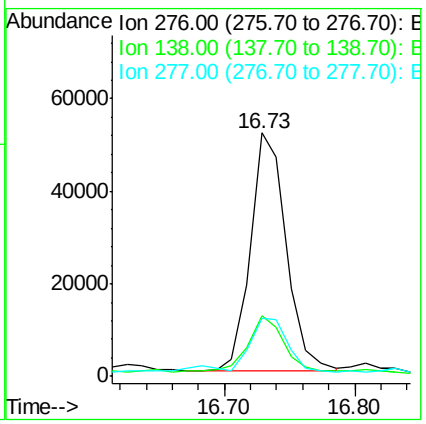


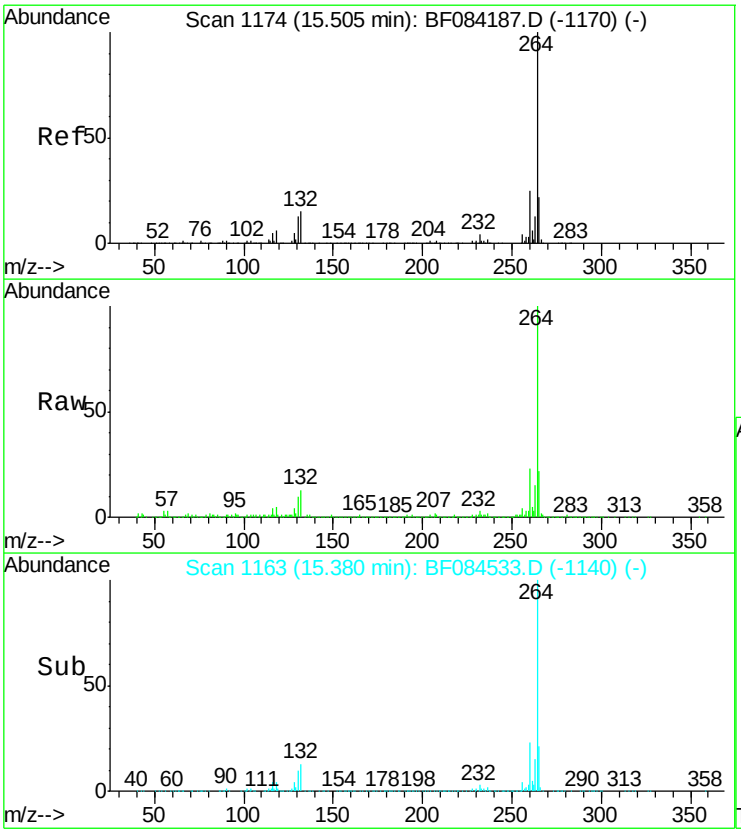
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.08 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.07 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:276 Resp: 99067

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.6	30.8
277	28.9	20.1	30.1

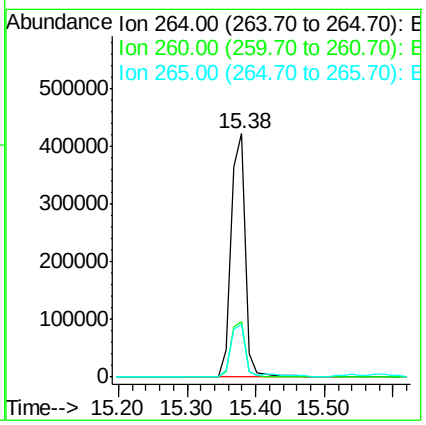


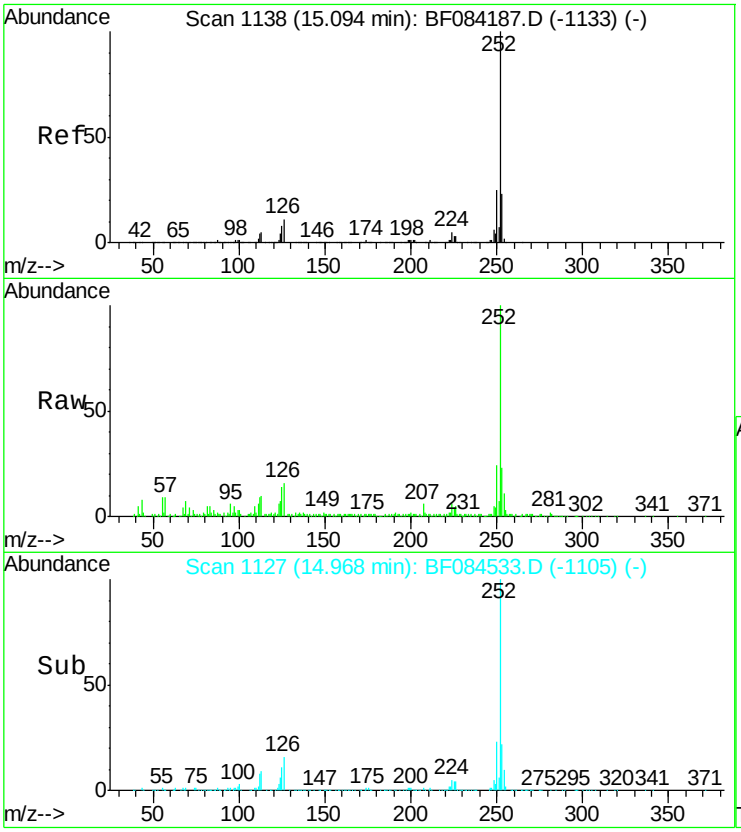


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:264 Resp: 613442

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.7	17.8	26.6



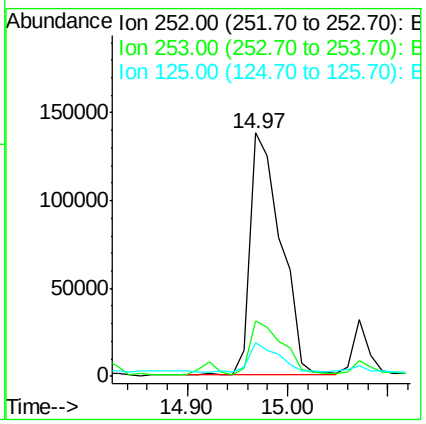


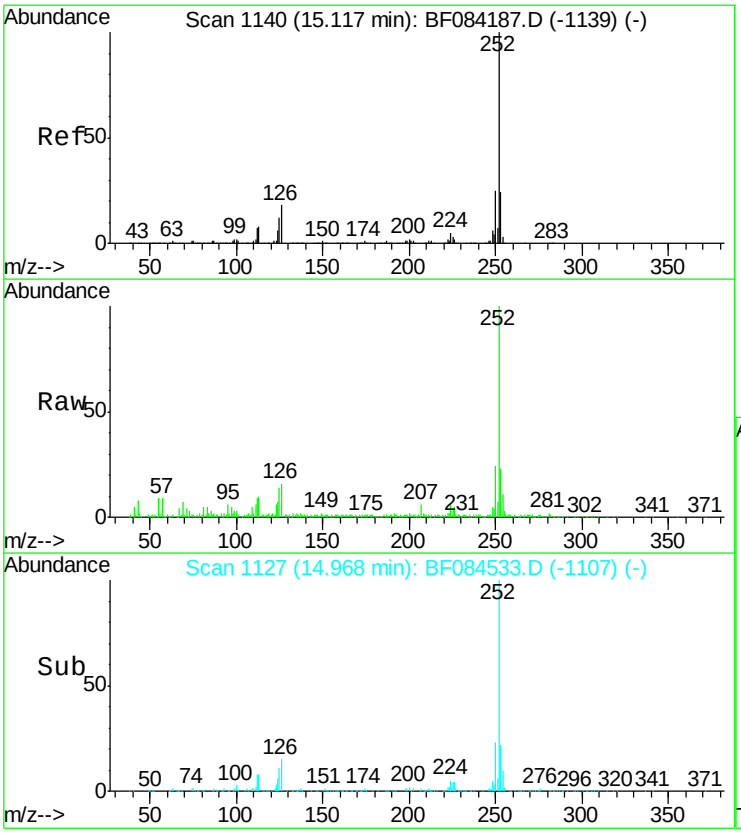
#87
Benzo(b)fluoranthene
Concen: 7.29 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:252 Resp: 292605

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	13.6	6.5	9.7#

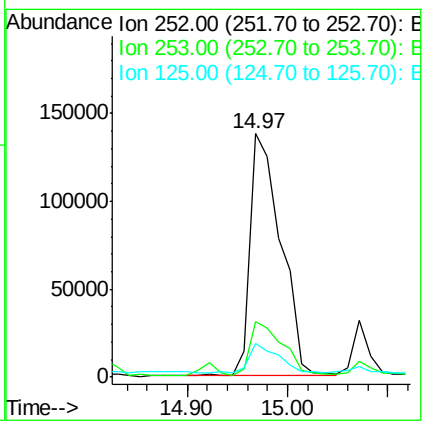


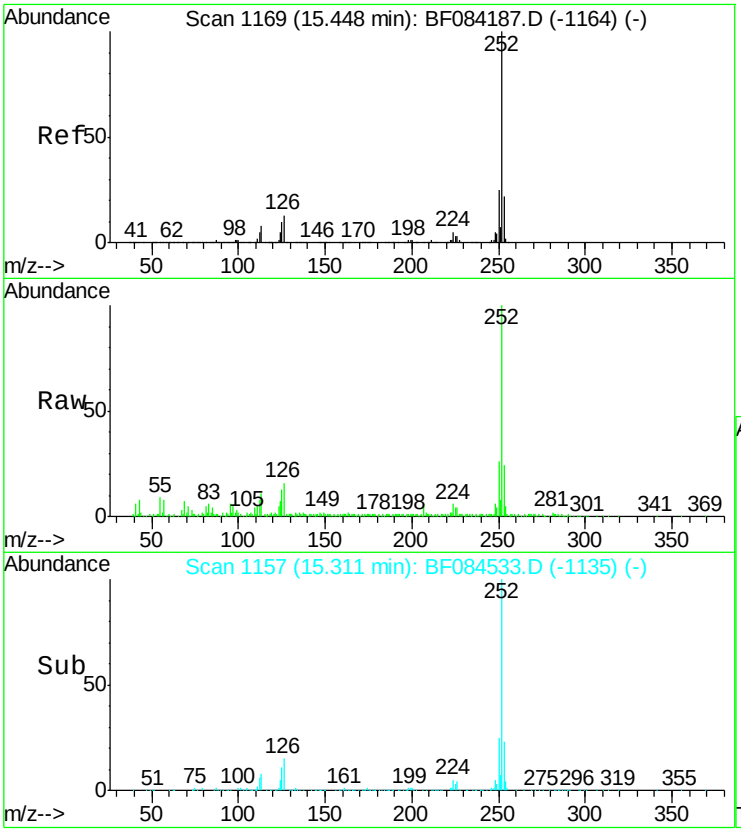


#88
Benzo(k)fluoranthene
Concen: 8.92 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.07 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:252 Resp: 292605

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	13.6	9.0	13.6#



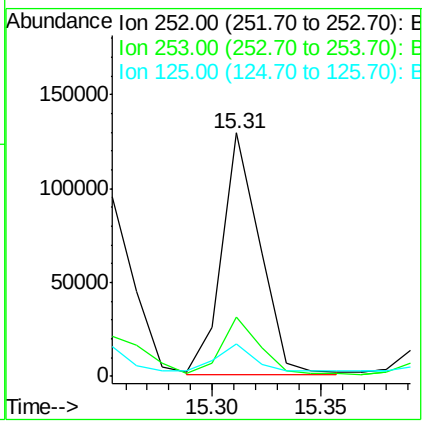


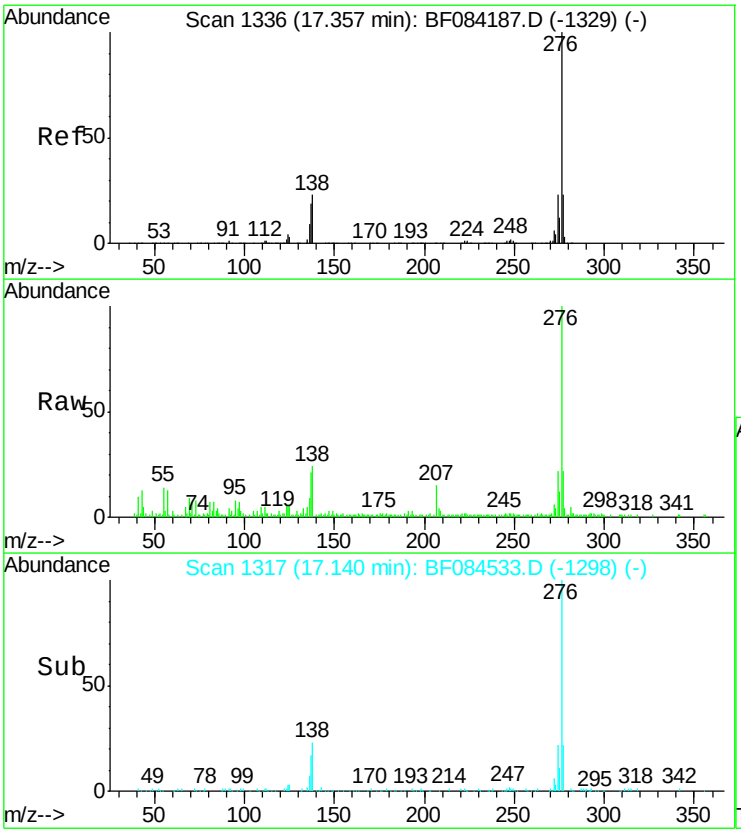
#89
Benzo(a)pyrene
Concen: 4.58 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Instrument :
BNA_F
ClientSampleId :
POST-EX-6-20160113

Tgt Ion:252 Resp: 155784

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	13.1	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 3.50 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.08 min
Lab File: BF084533.D
Acq: 17 Jan 2016 13:53

Tgt Ion:276 Resp: 106223

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.8	28.2
138	24.1	17.8	26.6