Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084526.D
Acq On : 16 Jan 2016 8:09
Operator : SJ/UM
Sample : H1143-03 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-8-20160114

Quant Time: Jan 18 00:11:08 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	6.82	152	251333	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	1025271	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	426800	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	731928	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	564065	20.00	ng		-0.01
86) Perylene-d12	15.40	264	527059	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	382368	24.61	ng		-0.02
7) Phenol-d6	6.45	99	479471	24.57	ng		-0.02
23) Nitrobenzene-d5	7.38	82	282411	15.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.65	330	85453	19.83	ng		-0.02
44) 2-Fluorobiphenyl	9.18	172	464331	13.84	ng		-0.01
78) Terphenyl-d14	12.93	244	305516	12.09	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	37982	2.88	ng	#	69
50) 2,6-Dinitrotoluene	9.86	165	55193	8.25	ng	#	37
54) Dibenzofuran	10.06	168	11194	Below Cal		#	93
56) 2,4-Dinitrotoluene	9.86	165	55664	6.57	ng	#	21
57) Fluorene	10.41	166	15528	Below Cal			97
70) Phenanthrene	11.37	178	227568	5.94	ng		99
73) Di-n-butylphthalate	11.92	149	45132	Below Cal			97
74) Fluoranthene	12.56	202	315756	7.89	ng		97
77) Pyrene	12.78	202	286161	6.46	ng		98
80) Benzo(a)anthracene	13.97	228	160672	4.85	ng		96
82) Chrysene	13.97	228	160672	5.05	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	69665	2.76	ng		97
87) Benzo(b)fluoranthene	15.00	252	214722	6.23	ng	#	96
88) Benzo(k)fluoranthene	15.00	252	214722	7.62	ng		99
89) Benzo(a)pyrene	15.35	252	118503	4.05	ng		99
91) Benzo(g,h,i)perylene	17.19	276	78030	2.99	ng		95

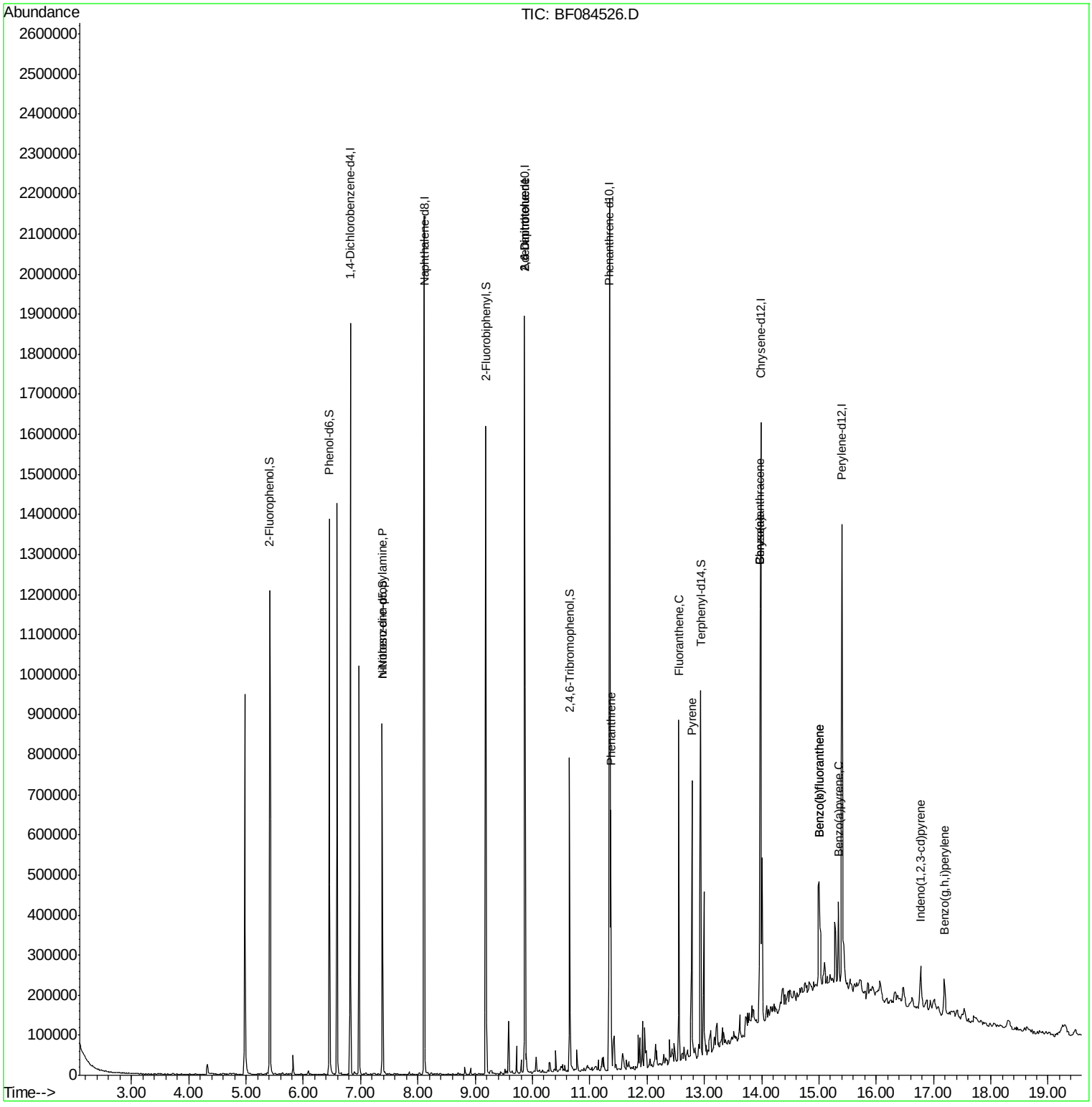
(#) = qualifier out of range (m) = manual integration (+) = signals summed

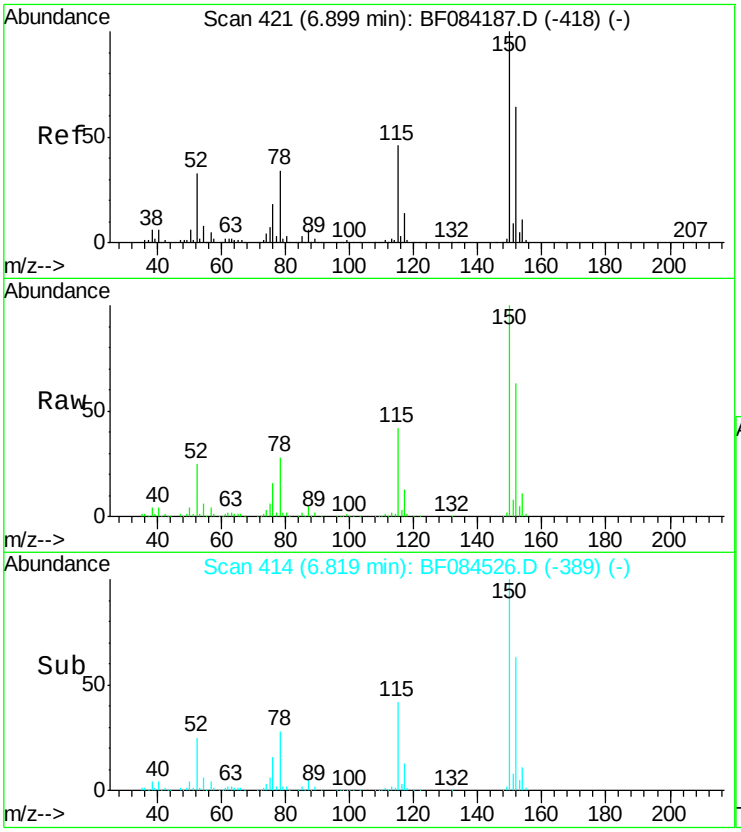
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084526.D
Acq On : 16 Jan 2016 8:09
Operator : SJ/UM
Sample : H1143-03 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Quant Time: Jan 18 00:11:08 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



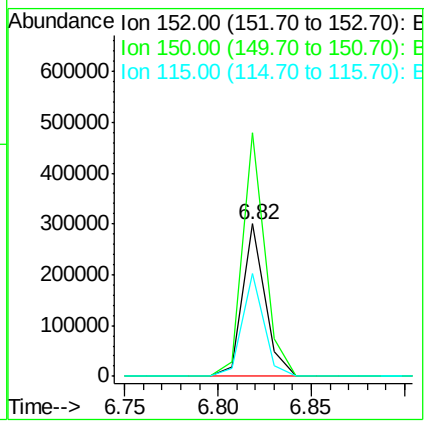


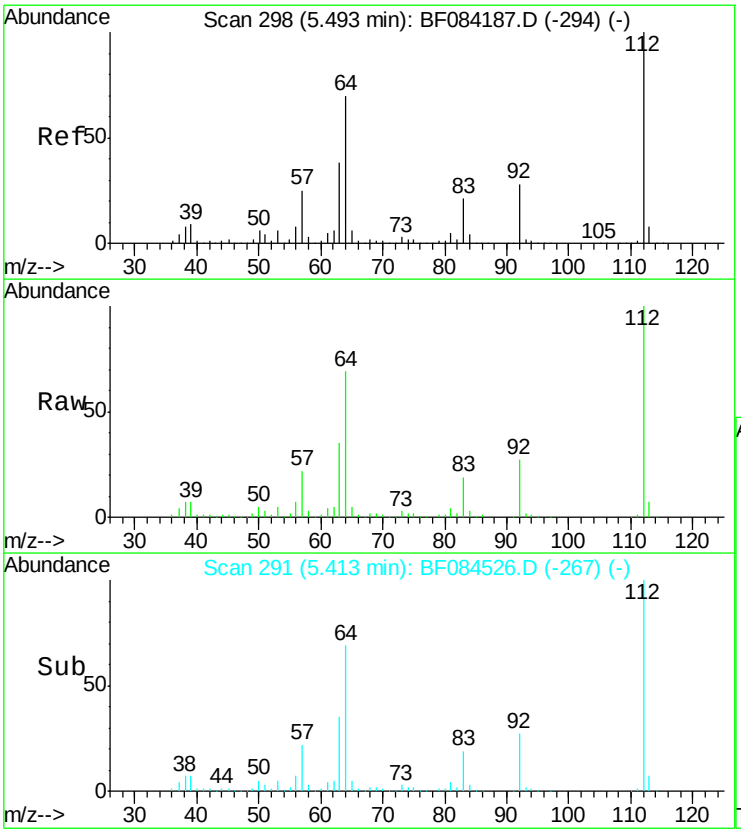
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:152 Resp: 251333

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.0	184.4
115	67.7	51.4	77.2

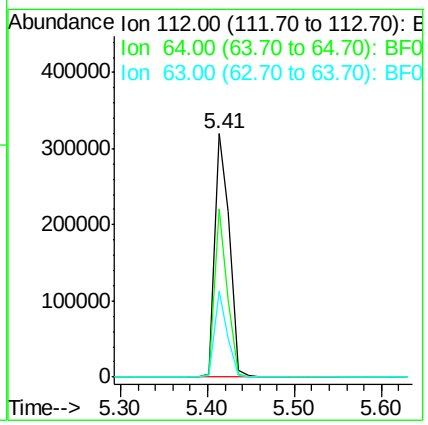


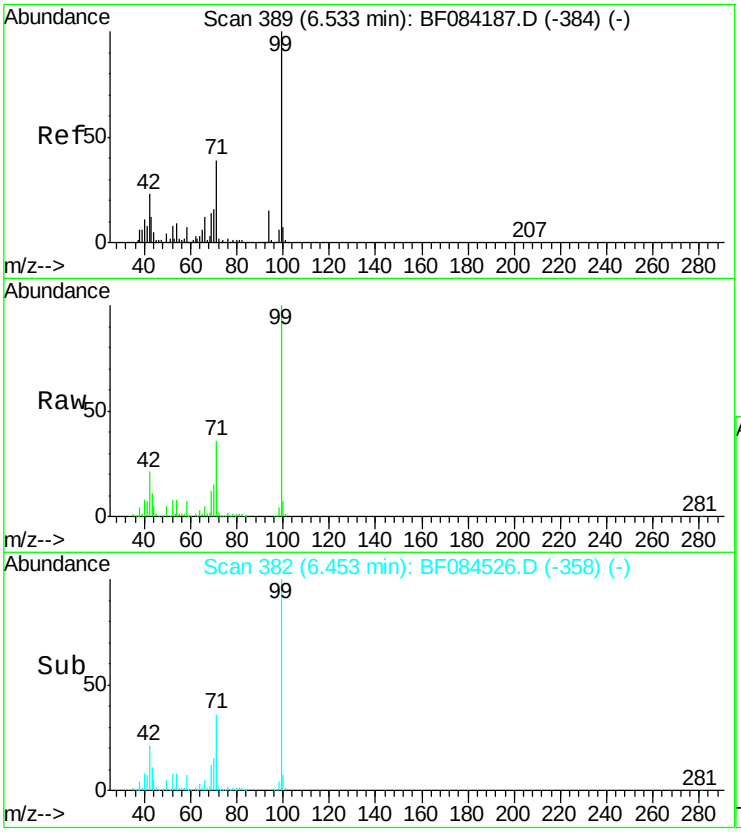


#5
2-Fluorophenol
Concen: 24.61 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.02 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:112 Resp: 382368

Ion	Ratio	Lower	Upper
112	100		
64	69.1	36.6	55.0#
63	35.5	19.4	29.0#



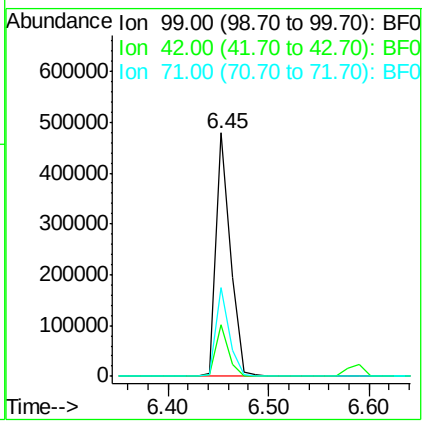


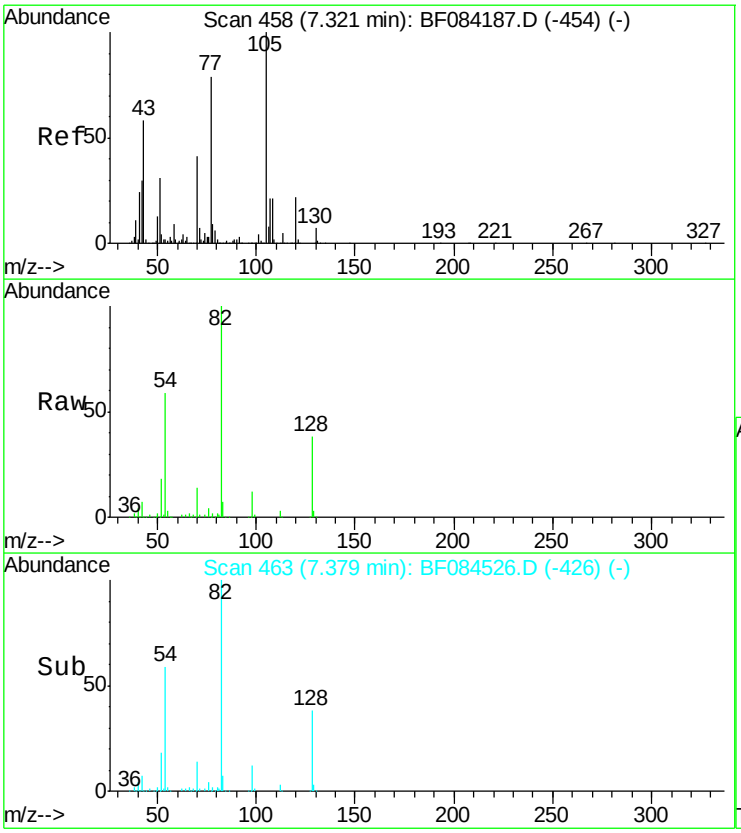
#7
Phenol-d6
Concen: 24.57 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion: 99 Resp: 479471

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	36.2	30.9	46.3

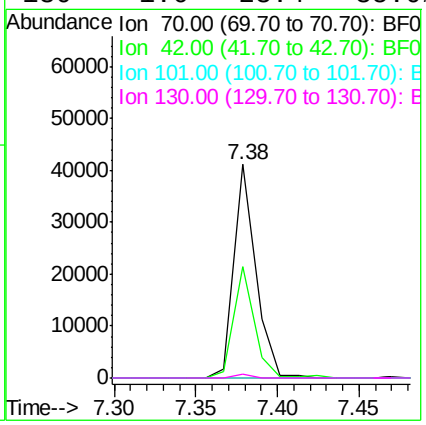


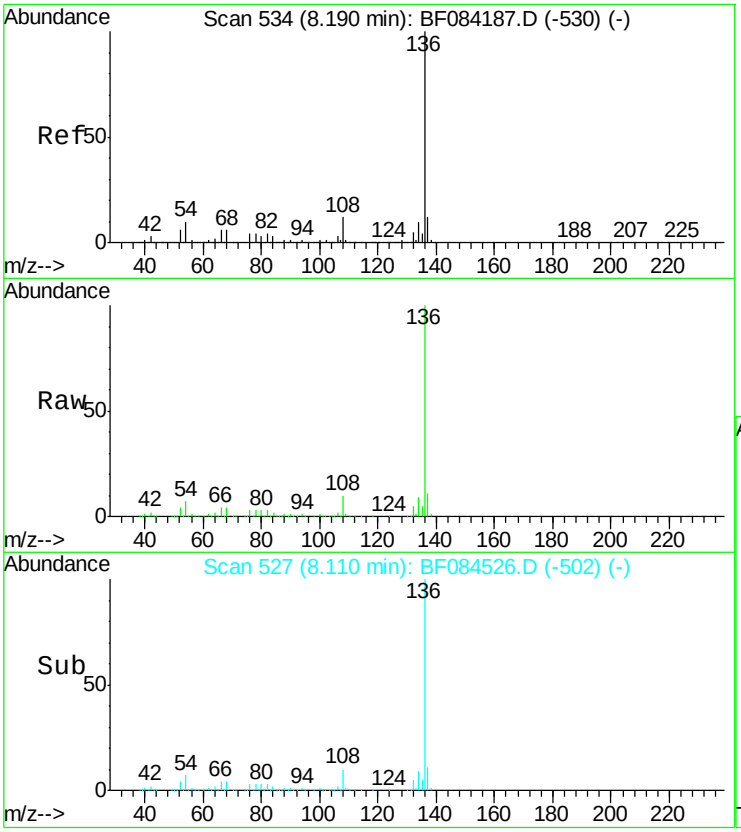


#19
n-Nitroso-di-n-propylamine
Concen: 2.88 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.13 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion: 70 Resp: 37982

Ion	Ratio	Lower	Upper
70	100		
42	52.3	33.3	49.9#
101	0.0	9.3	13.9#
130	1.6	23.4	35.0#



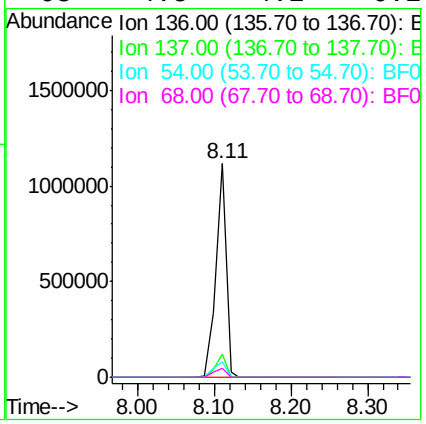


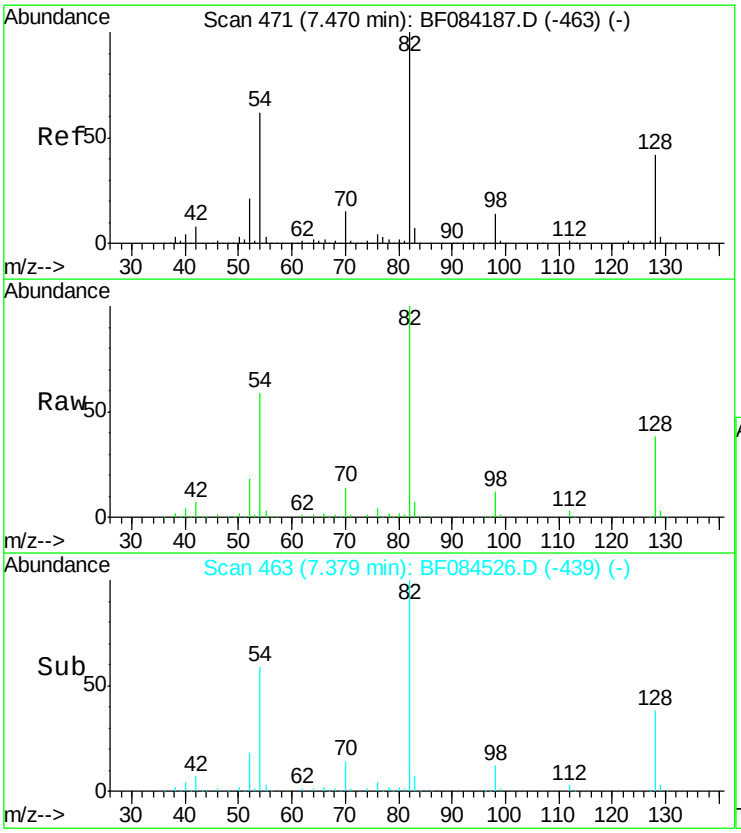
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:136 Resp: 1025271

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.2	5.8	8.8
68	4.5	4.2	6.2

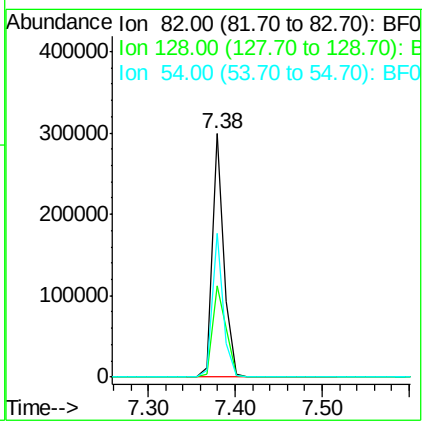


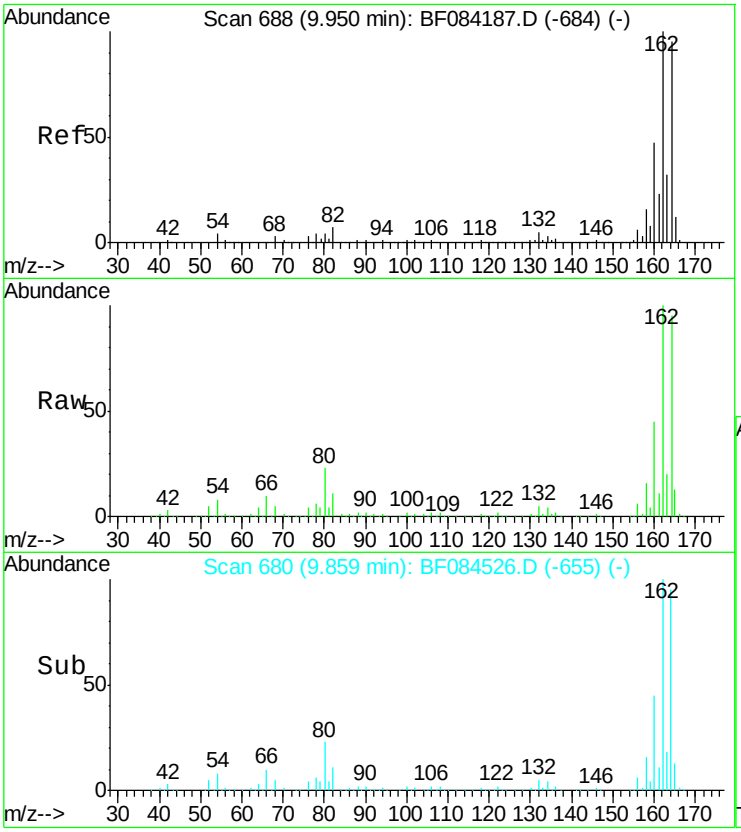


#23
Nitrobenzene-d5
Concen: 15.33 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion: 82 Resp: 282411

Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.6	51.8
54	58.9	38.4	57.6#



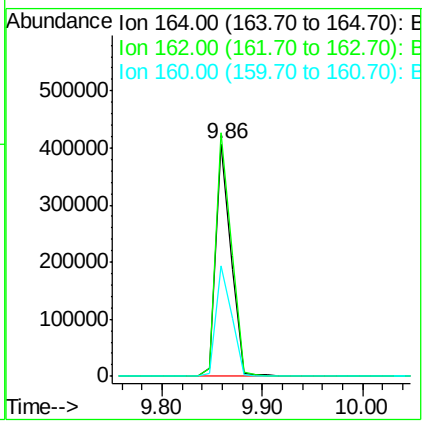


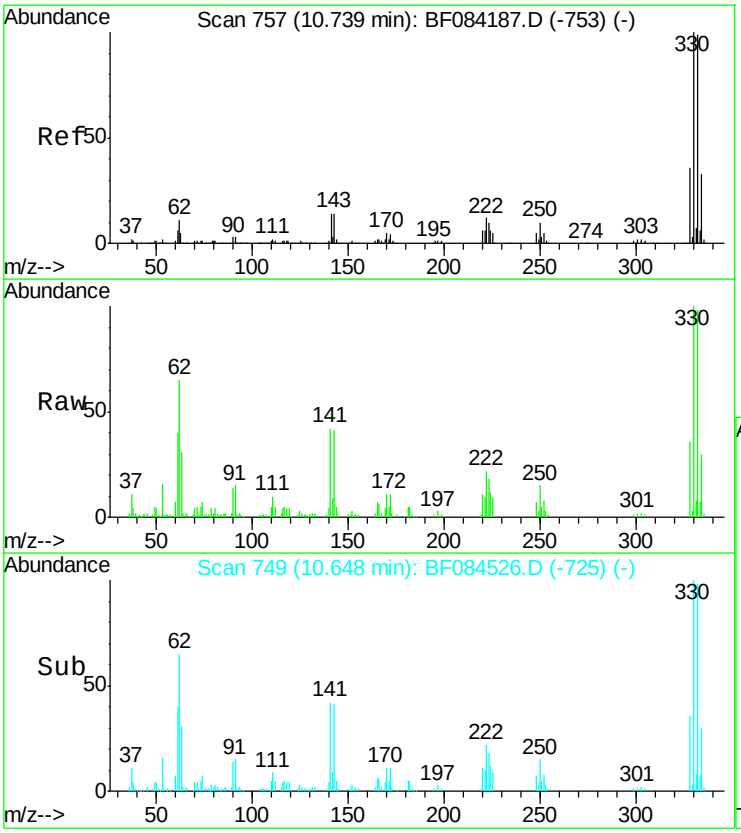
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:164 Resp: 426800

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	47.6	37.5	56.3

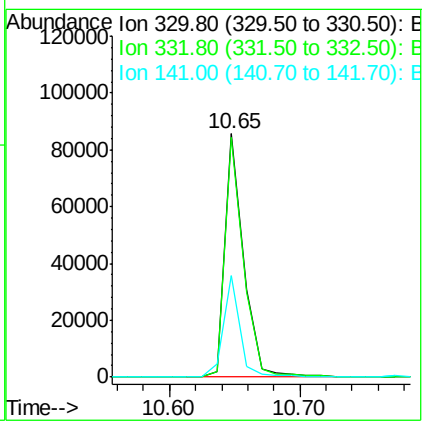


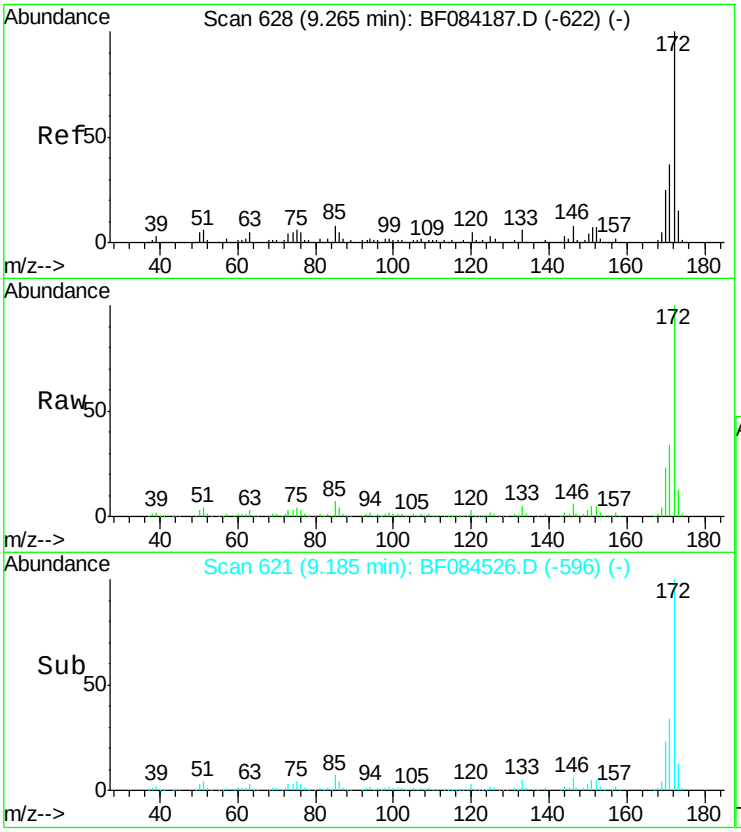


#41
2,4,6-Tribromophenol
Concen: 19.83 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:330 Resp: 85453

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	37.7	27.8	41.6



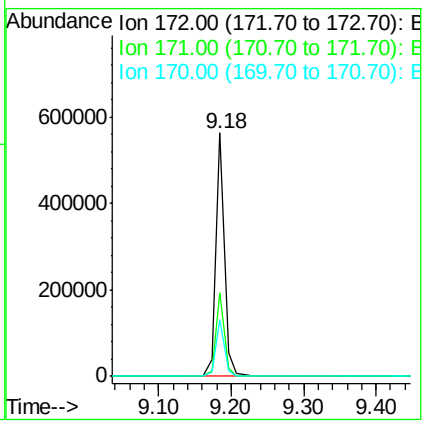


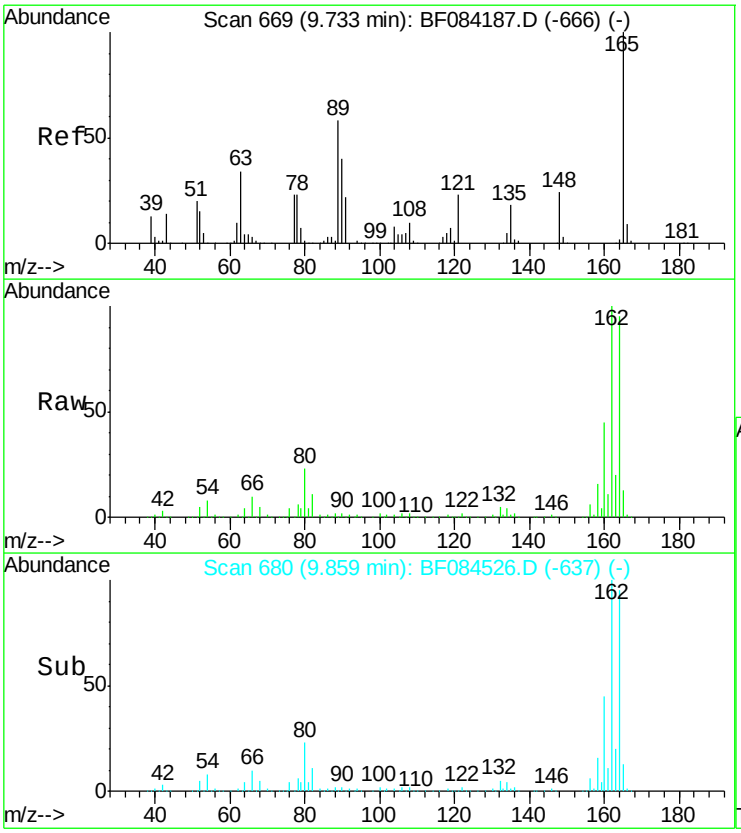
#44
2-Fluorobiphenyl
Concen: 13.84 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:172 Resp: 464331

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	23.3	18.6	27.8

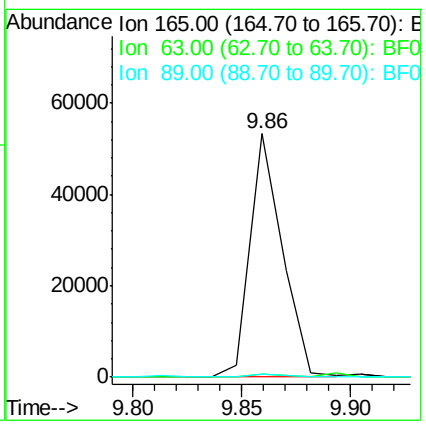


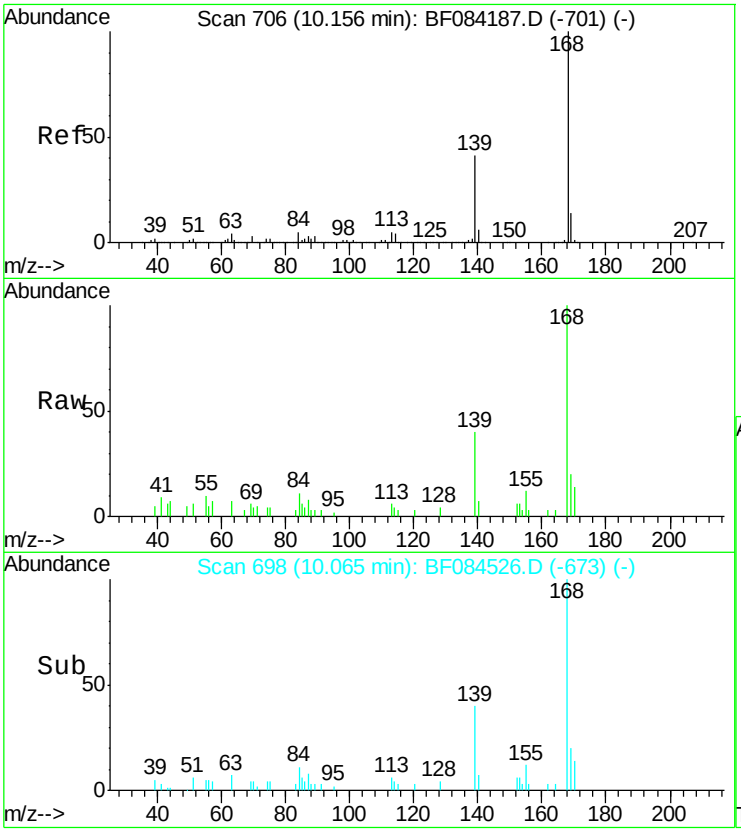


#50
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.19 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:165 Resp: 55193

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.3	35.1	52.7#



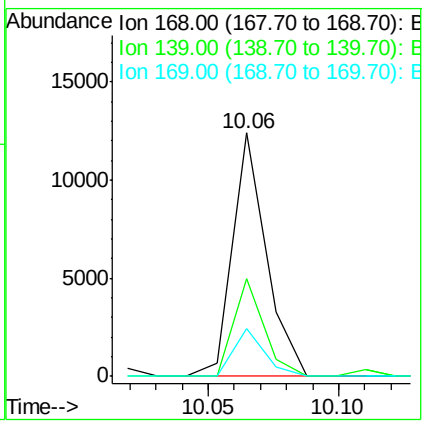


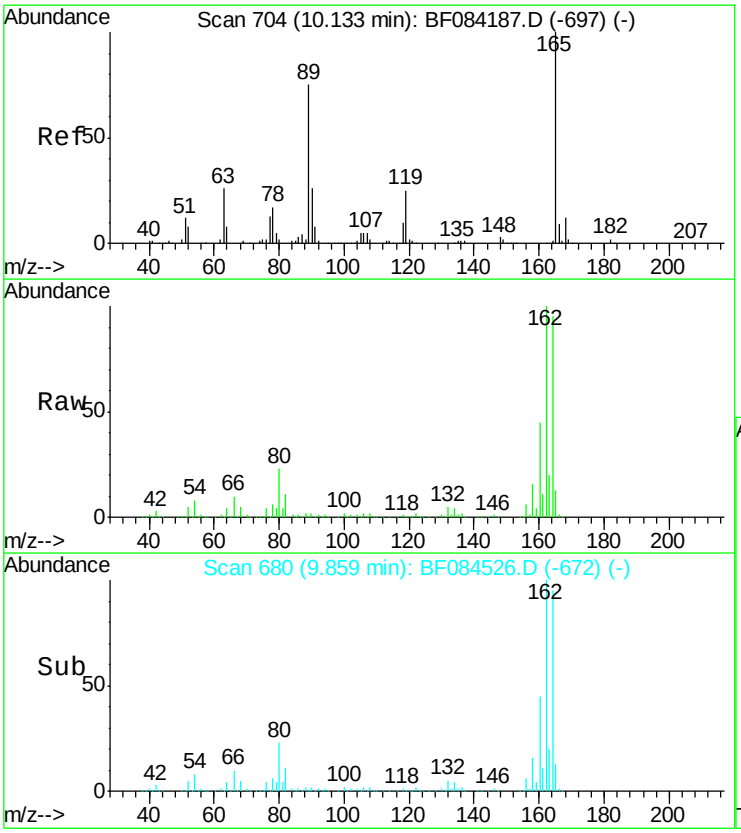
#54
Dibenzofuran
Concen: Below Cal
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:168 Resp: 11194

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.5	45.7
169	19.7	10.4	15.6#

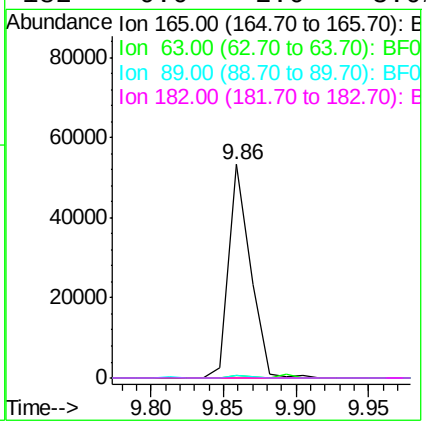


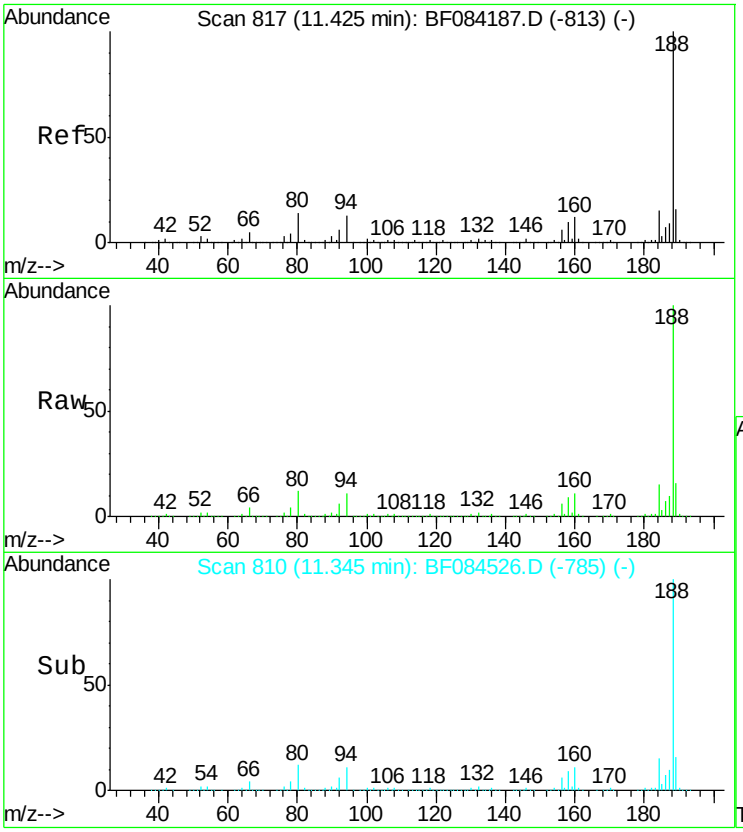


#56
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.21 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:165 Resp: 55664

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#



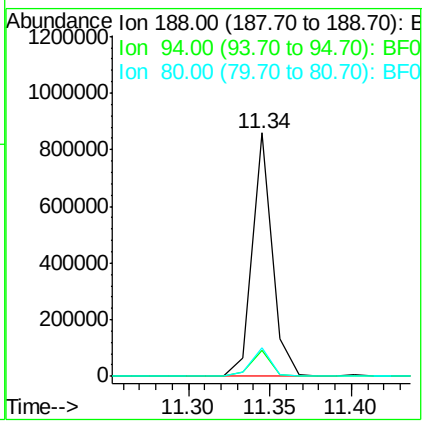


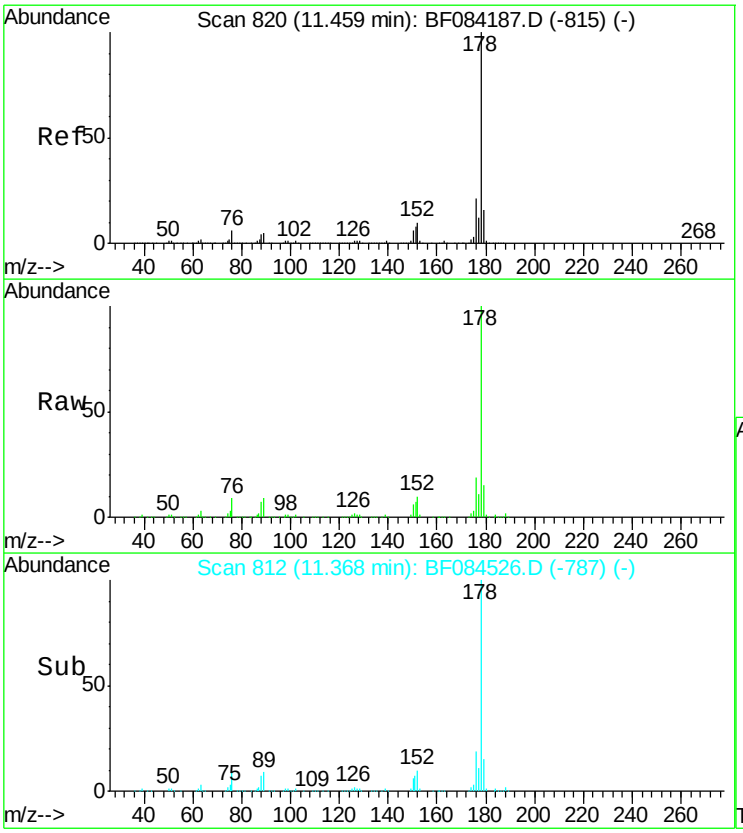
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:188 Resp: 731928

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.6	9.6	14.4

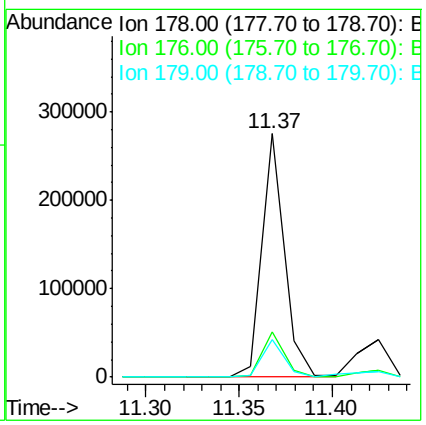


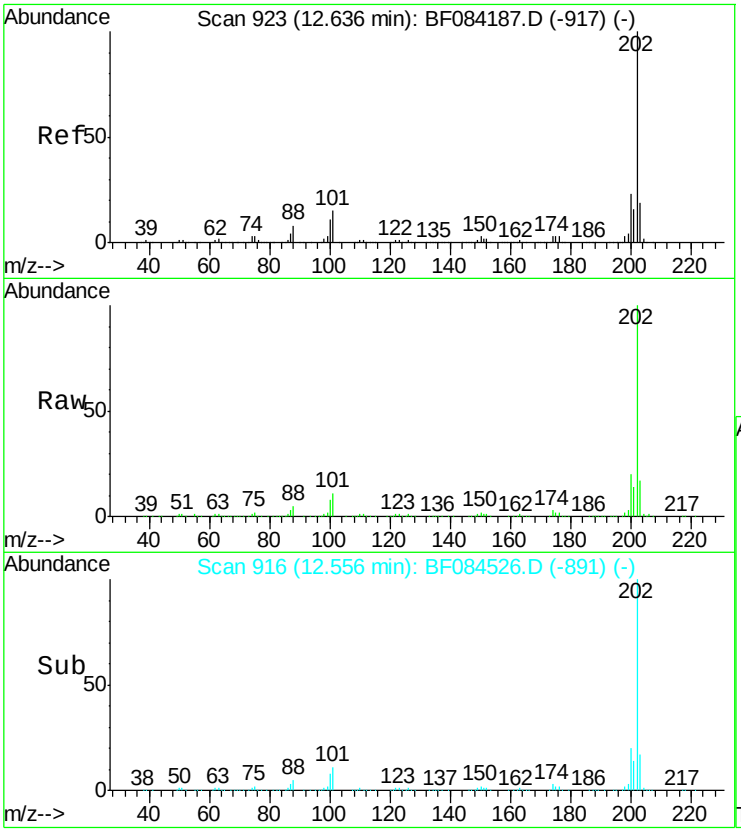


#70
Phenanthrene
Concen: 5.94 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:178 Resp: 227568

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.0	18.0



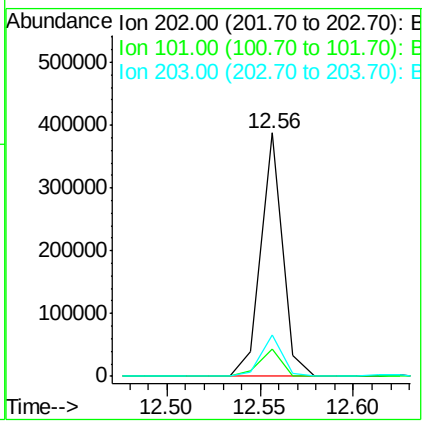


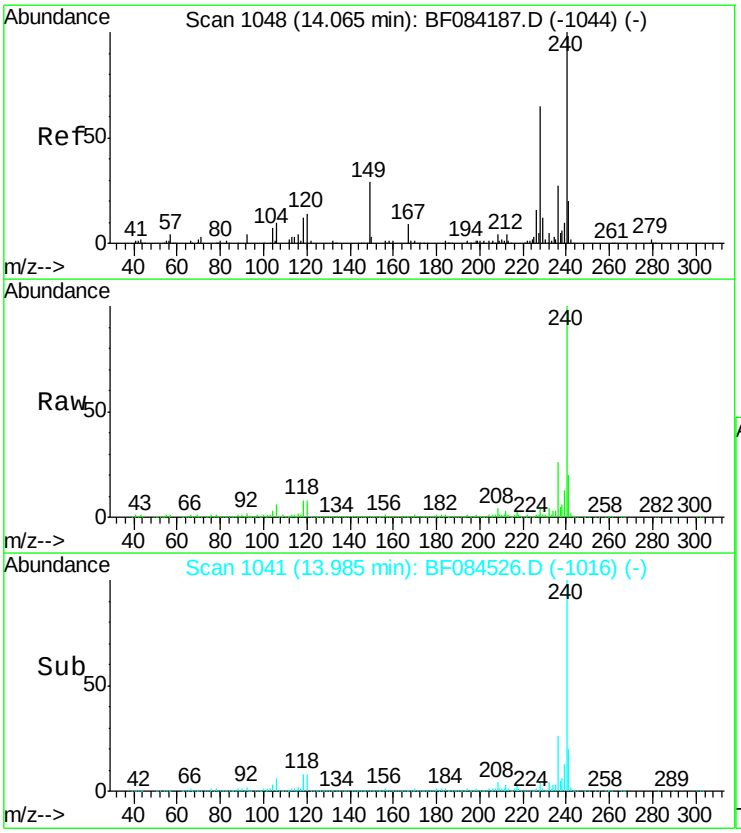
#74
Fluoranthene
Concen: 7.89 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:202 Resp: 315756

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.8
203	17.2	0.0	37.9

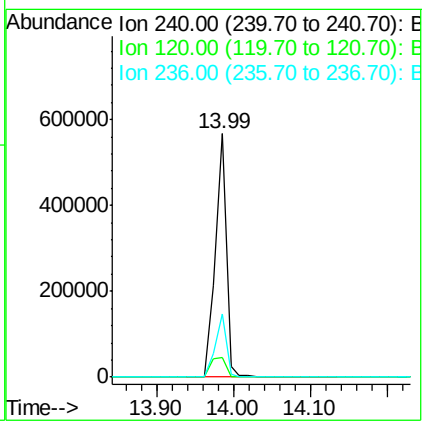


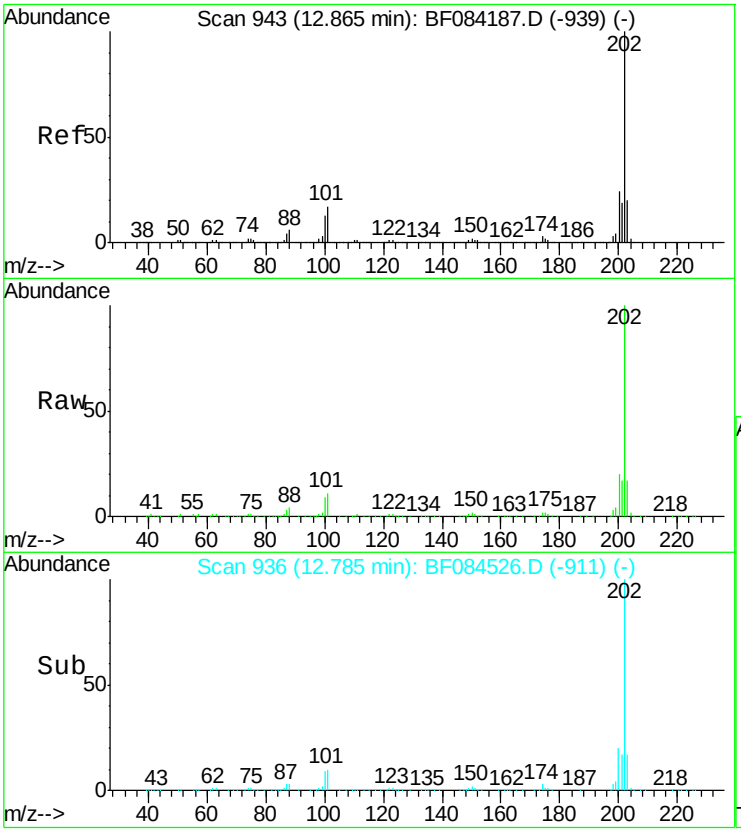


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:240 Resp: 564065

Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	26.0	20.6	31.0



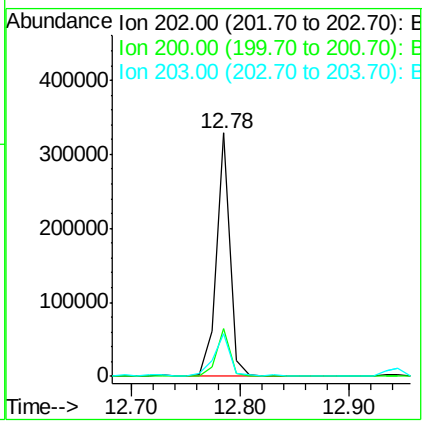


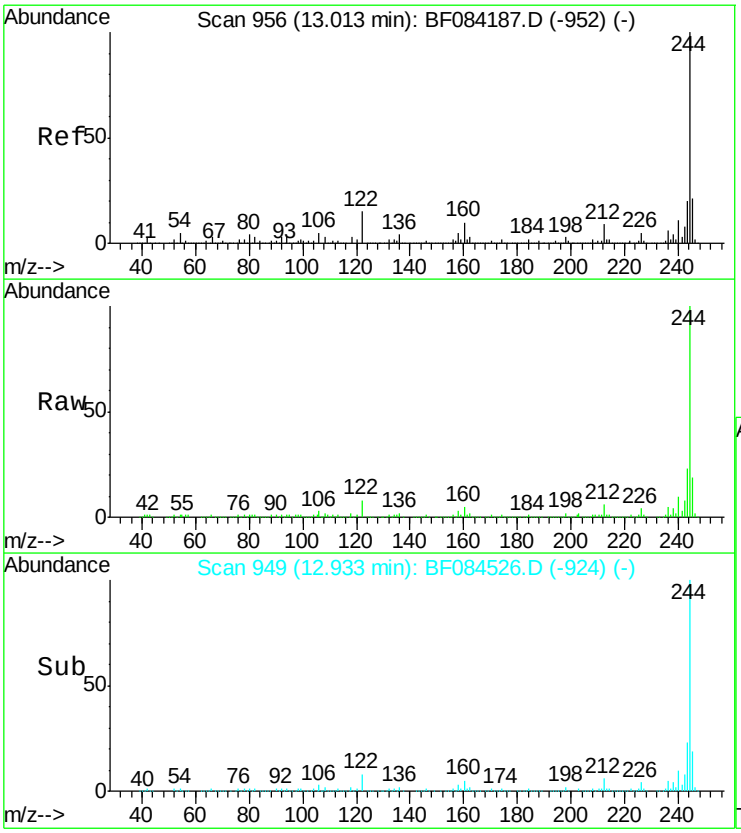
#77
Pyrene
Concen: 6.46 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:202 Resp: 286161

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.2	25.8
203	17.3	14.3	21.5

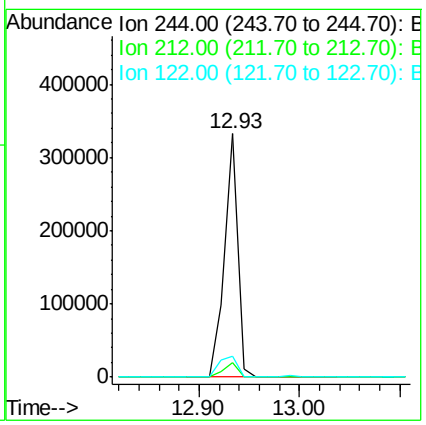


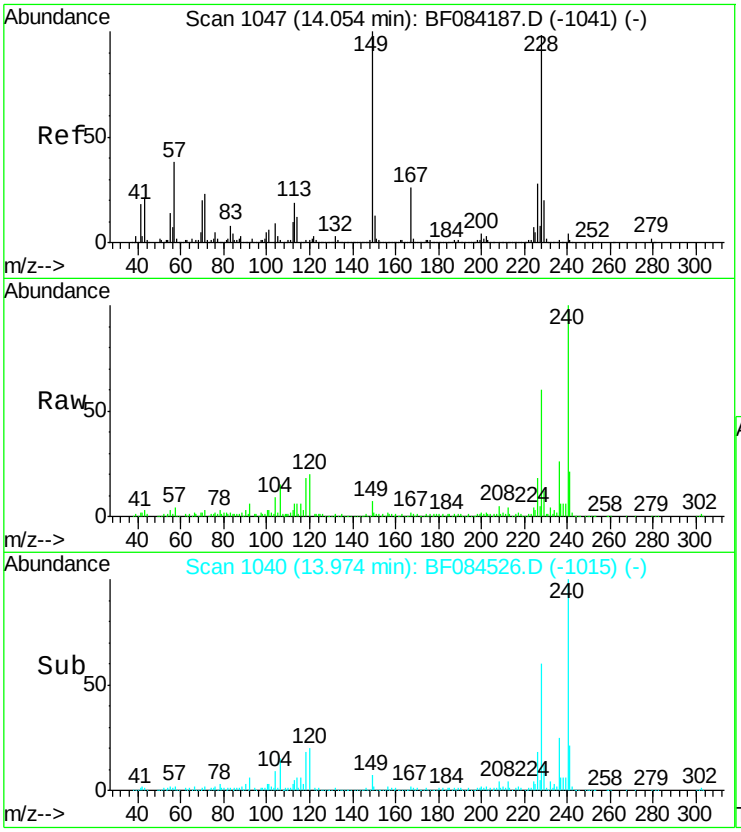


#78
Terphenyl-d14
Concen: 12.09 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:244 Resp: 305516

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.7	8.5
122	8.4	7.4	11.0



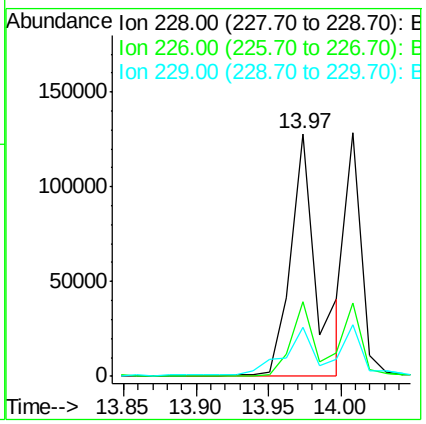


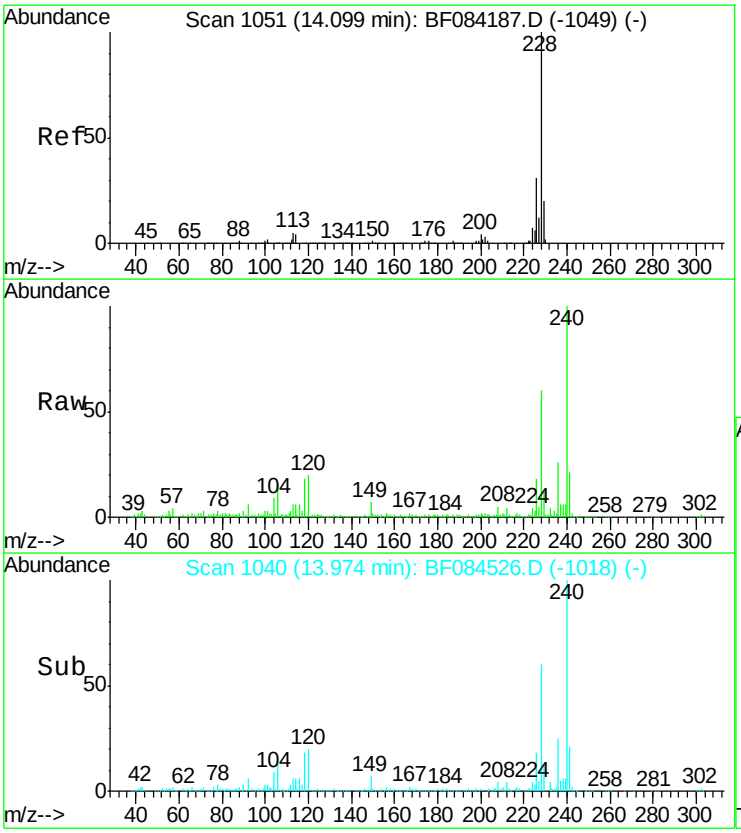
#80
Benzo(a)anthracene
Concen: 4.85 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:228 Resp: 160672

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.8	32.6
229	20.3	15.8	23.8

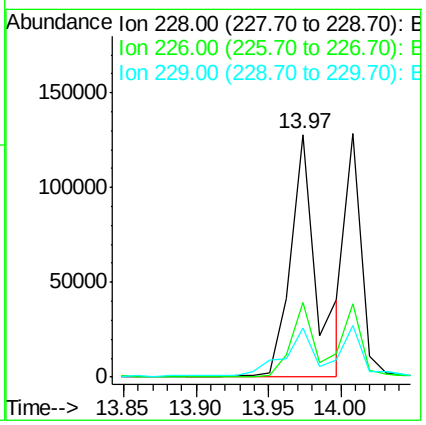


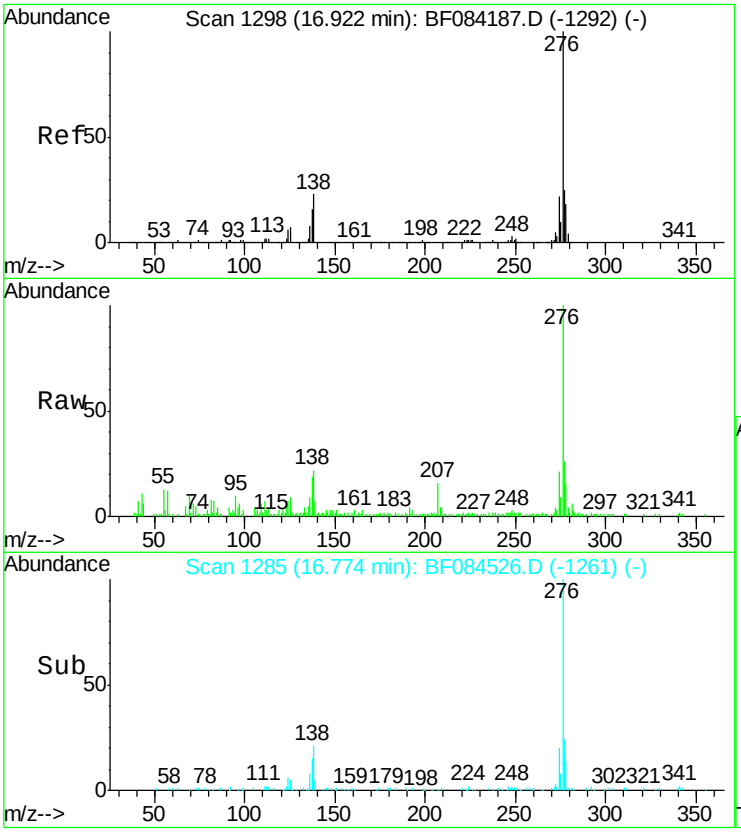


#82
Chrysene
Concen: 5.05 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:228 Resp: 160672

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.3	16.1	24.1



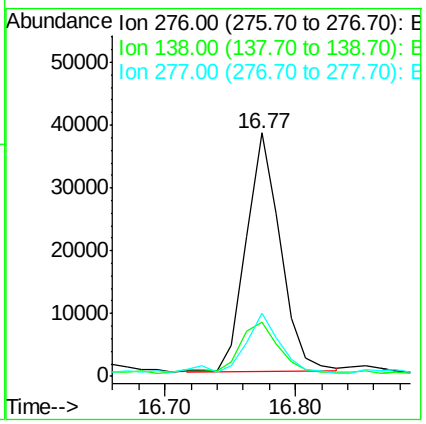


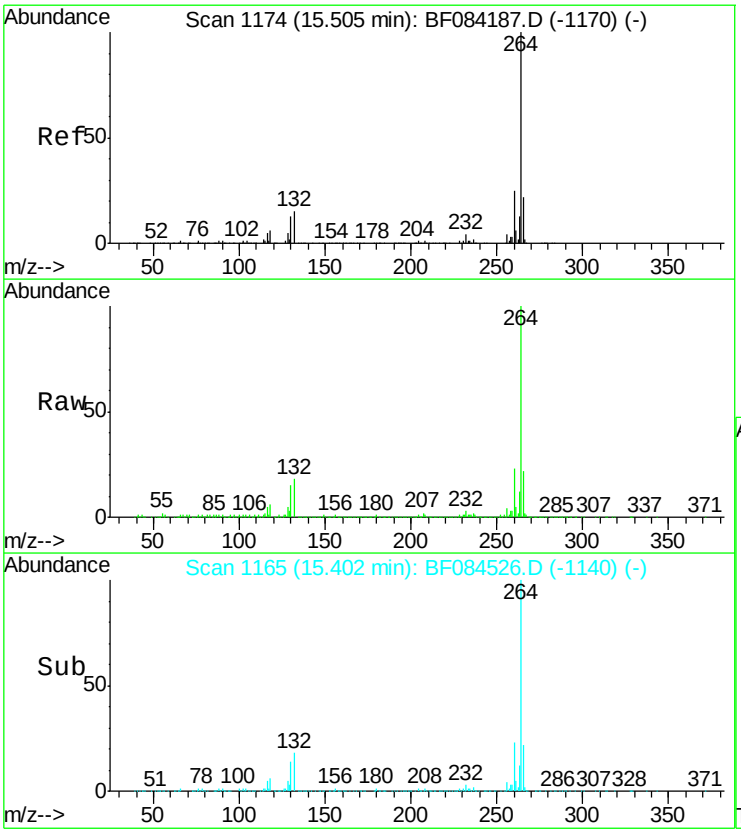
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.76 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:276 Resp: 69665

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	27.4	20.1	30.1

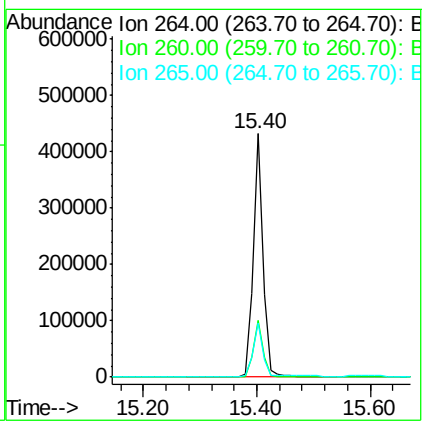


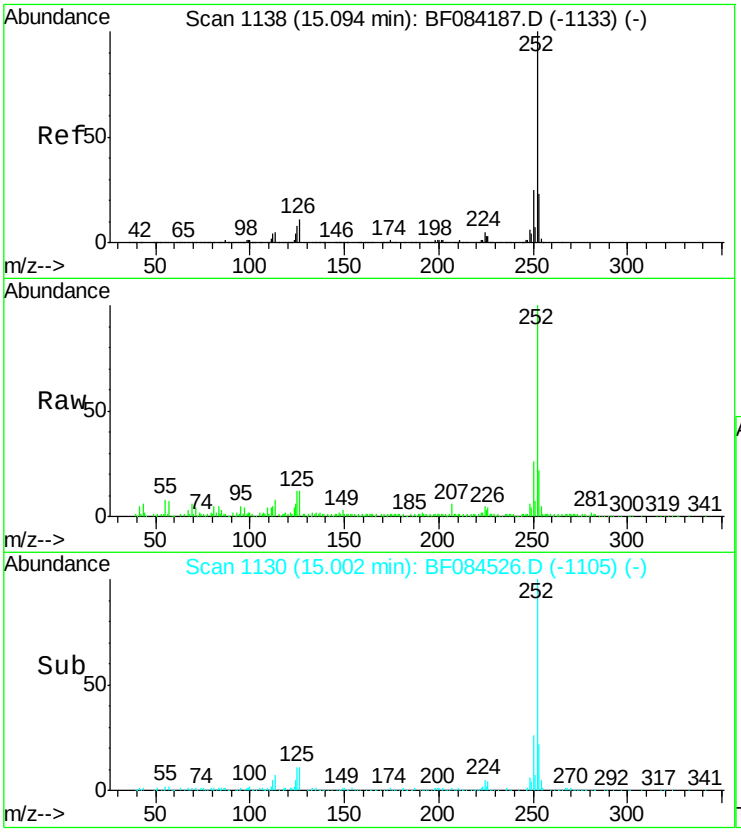


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:264 Resp: 527059

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.2	17.8	26.6



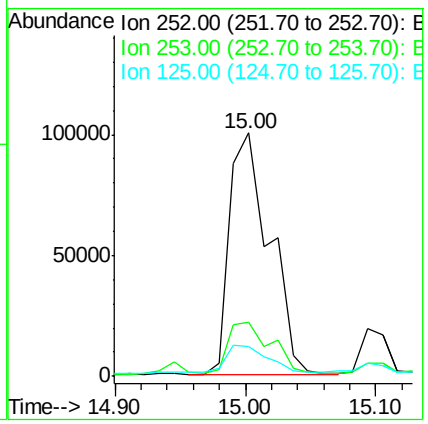


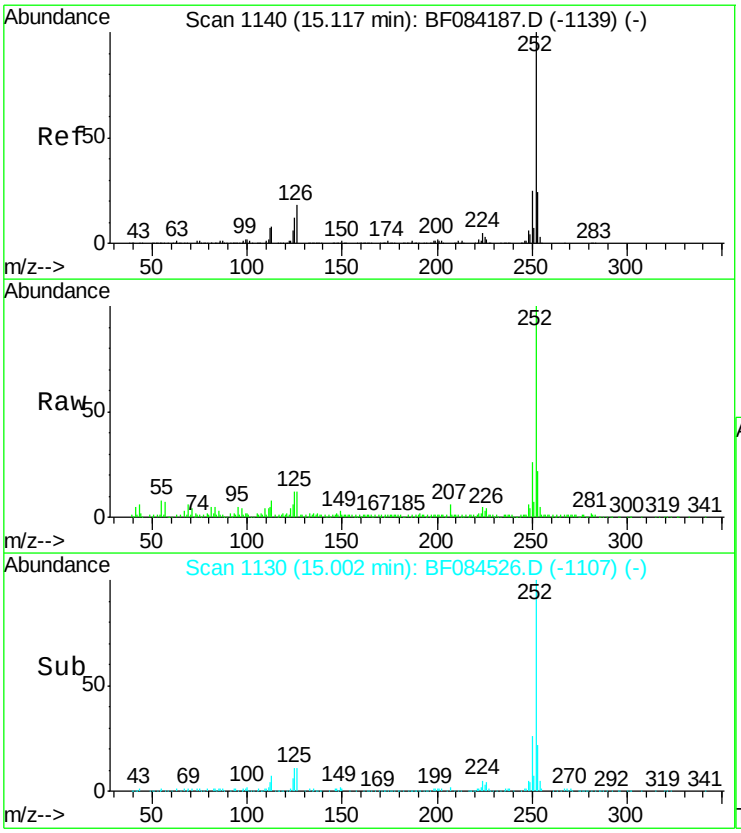
#87
Benzo(b)fluoranthene
Concen: 6.23 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:252 Resp: 214722

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	12.3	6.5	9.7#

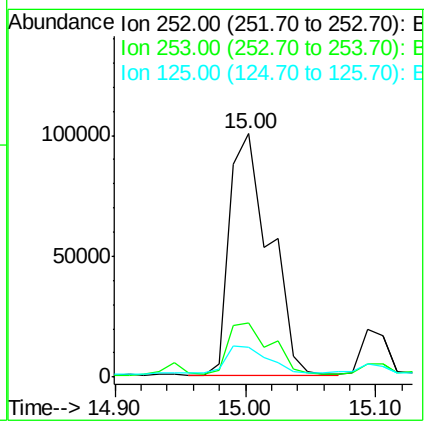


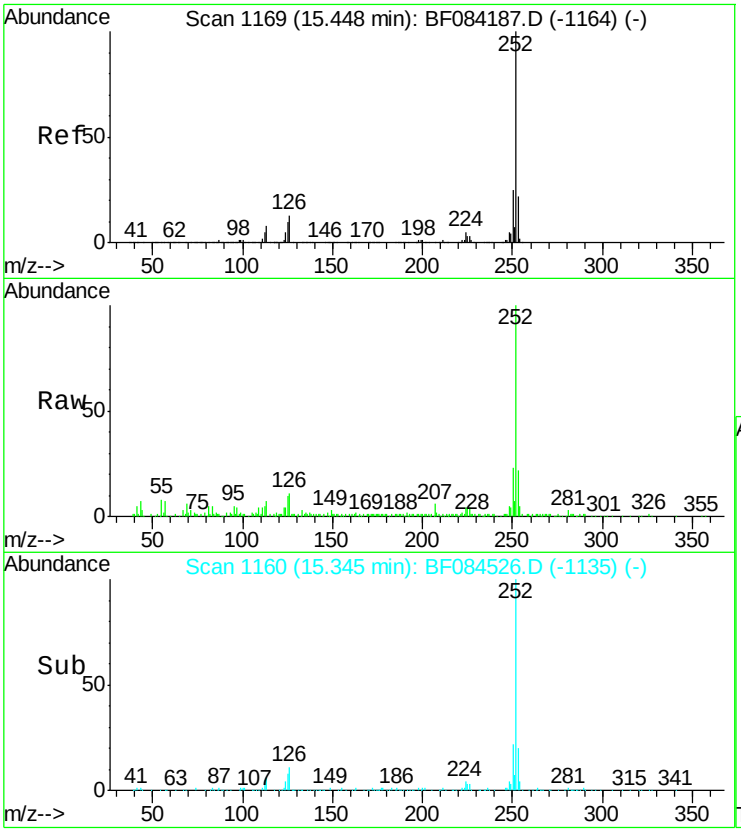


#88
Benzo(k)fluoranthene
Concen: 7.62 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:252 Resp: 214722

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.3	9.0	13.6



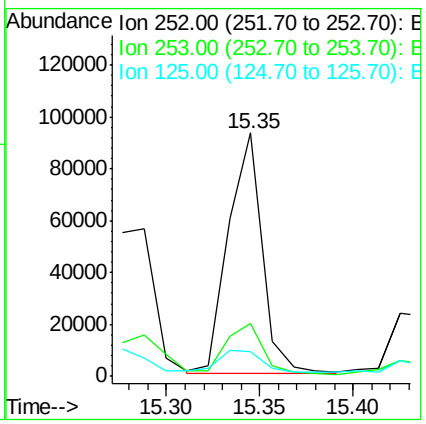


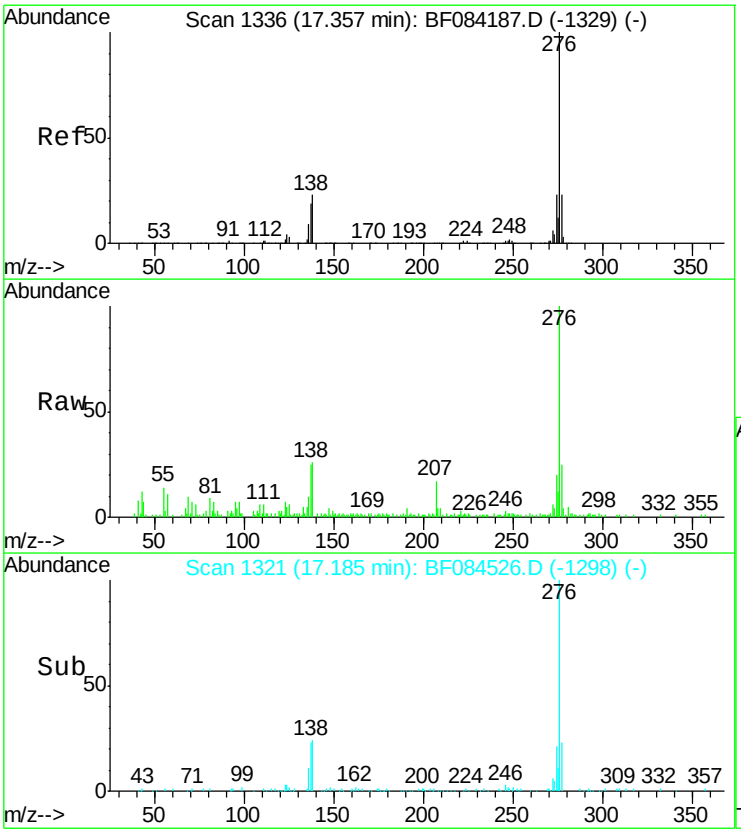
#89
Benzo(a)pyrene
Concen: 4.05 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Instrument :
BNA_F
ClientSampleId :
POST-EX-8-20160114

Tgt Ion:252 Resp: 118503

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	10.3	7.0	10.4





#91
Benzo(g,h,i)perylene
Concen: 2.99 ng
RT: 17.19 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF084526.D
Acq: 16 Jan 2016 8:09

Tgt Ion:276 Resp: 78030

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	26.2	17.8	26.6