Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084511.D
Acq On : 16 Jan 2016 1:09
Operator : SJ/UM
Sample : H1128-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 03:24:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 03:20:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	252785	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	1042299	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	455962	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	807211	20.00	ng		0.00
75) Chrysene-d12	13.99	240	618980	20.00	ng		0.00
86) Perylene-d12	15.40	264	531042	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1887210	120.75	ng		0.01
7) Phenol-d6	6.46	99	2201021	112.14	ng		-0.01
23) Nitrobenzene-d5	7.39	82	1607694	85.85	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	569689	123.76	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	2070538	79.47	ng		-0.01
78) Terphenyl-d14	12.93	244	1634568	58.95	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	224470	16.89	ng	#	74
49) Dimethylphthalate	9.58	163	538438	16.52	ng	#	90
54) Dibenzofuran	10.06	168	7935	Below	Cal	#	96
56) 2,4-Dinitrotoluene	9.86	165	58589	6.48	ng	#	21
57) Fluorene	10.41	166	10421	Below	Cal	#	97
64) 4,6-Dinitro-2-methylphenol	10.65	198	1186	6.60	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	35606	4.10	ng	#	1
70) Phenanthrene	11.37	178	227525	5.39	ng		99
73) Di-n-butylphthalate	11.92	149	6098	Below	Cal	#	90
74) Fluoranthene	12.56	202	330667	7.50	ng		97
77) Pyrene	12.79	202	311531	6.41	ng		99
80) Benzo(a)anthracene	13.97	228	142917	3.93	ng		99
82) Chrysene	14.01	228	88631	2.54	ng		96
87) Benzo(b)fluoranthene	15.00	252	159423	4.59	ng	#	93
88) Benzo(k)fluoranthene	15.00	252	159423	5.61	ng		97
89) Benzo(a)pyrene	15.35	252	87001	2.95	ng		96

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

Quantitation Report (Not Reviewed)

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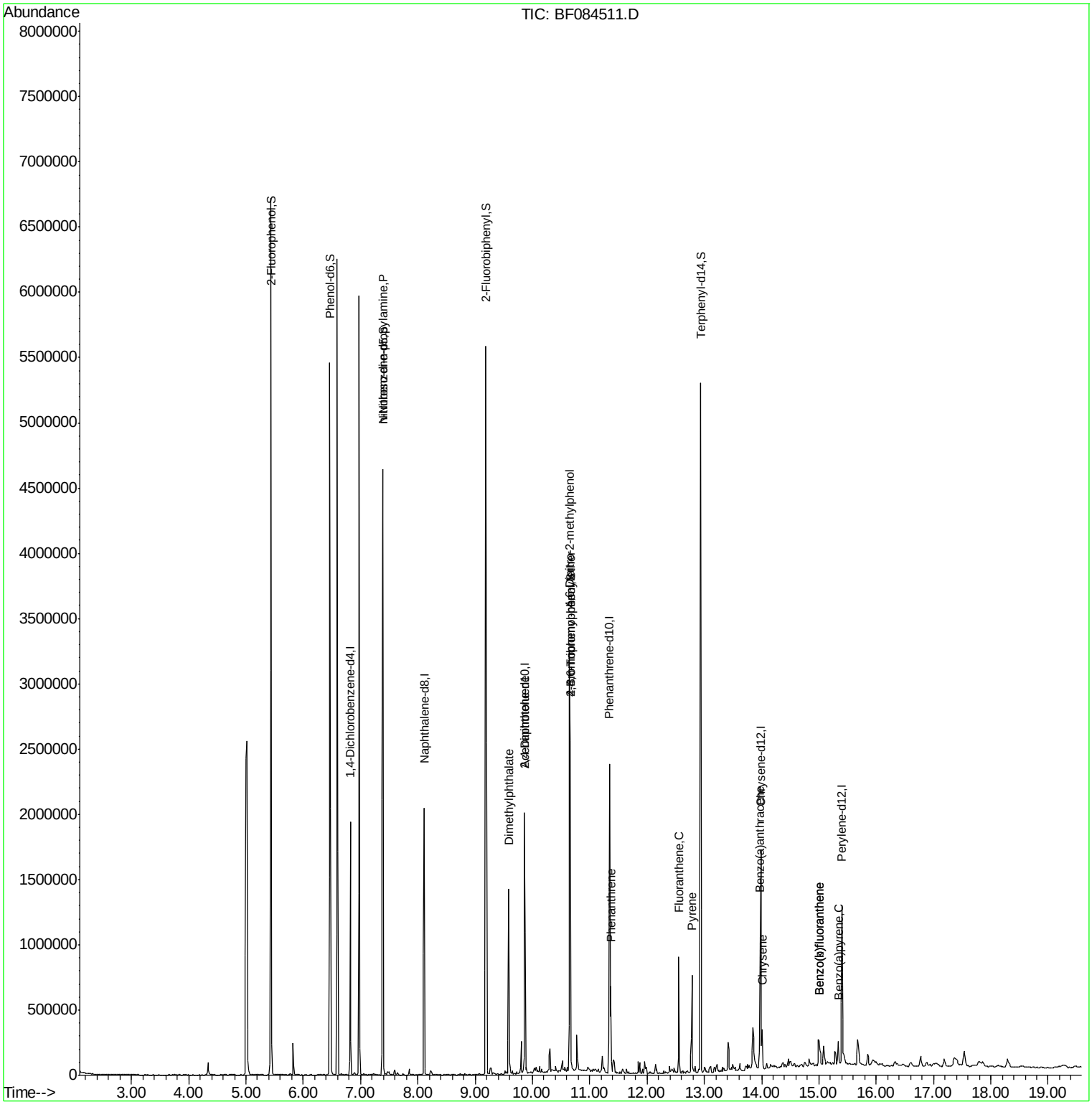
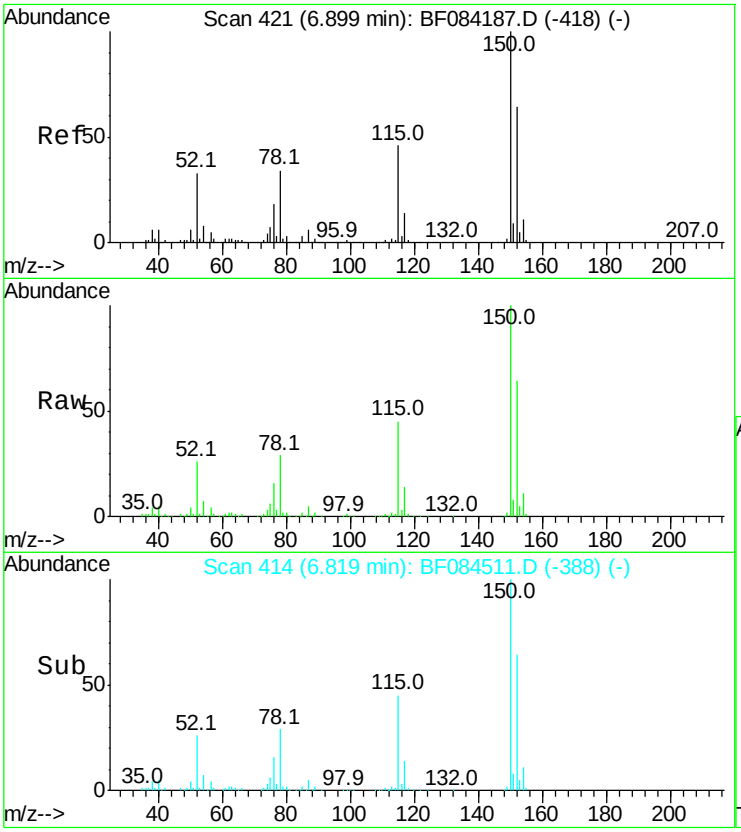
Sample : H1128-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 03:24:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 03:20:07 2016
Response via : Initial Calibration



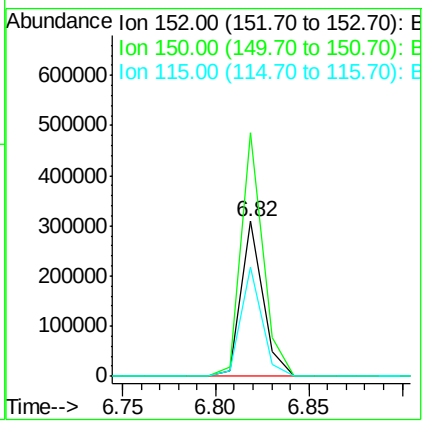


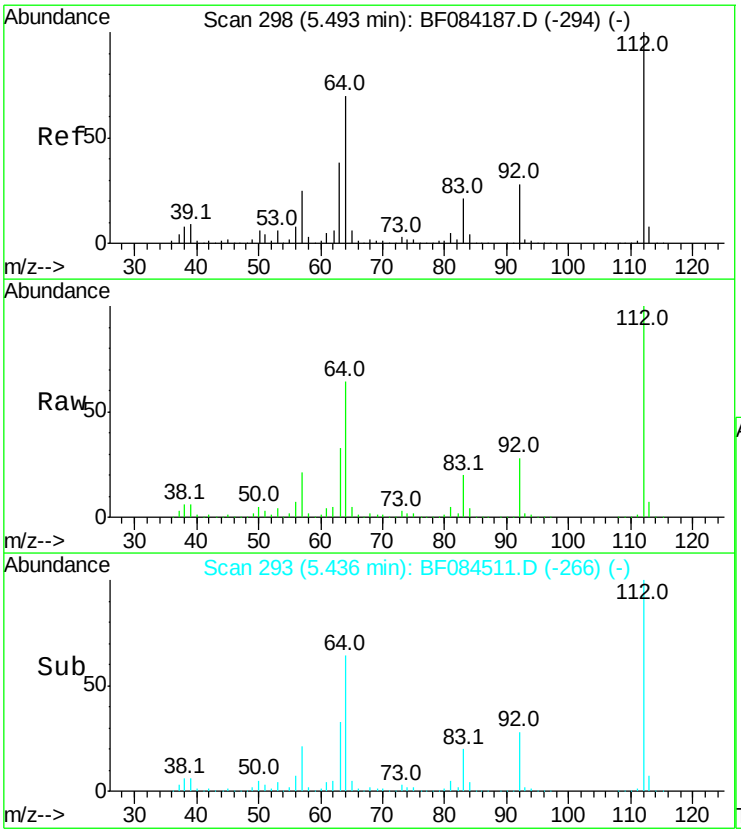
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 252785

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.0	184.4
115	70.4	51.4	77.2

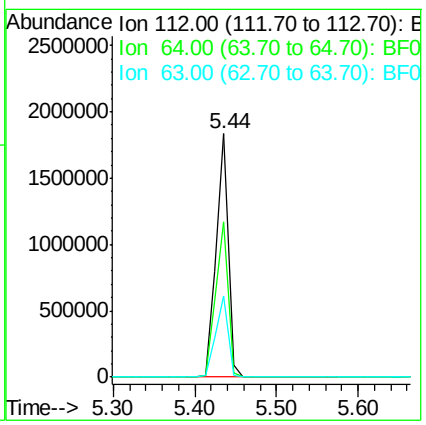


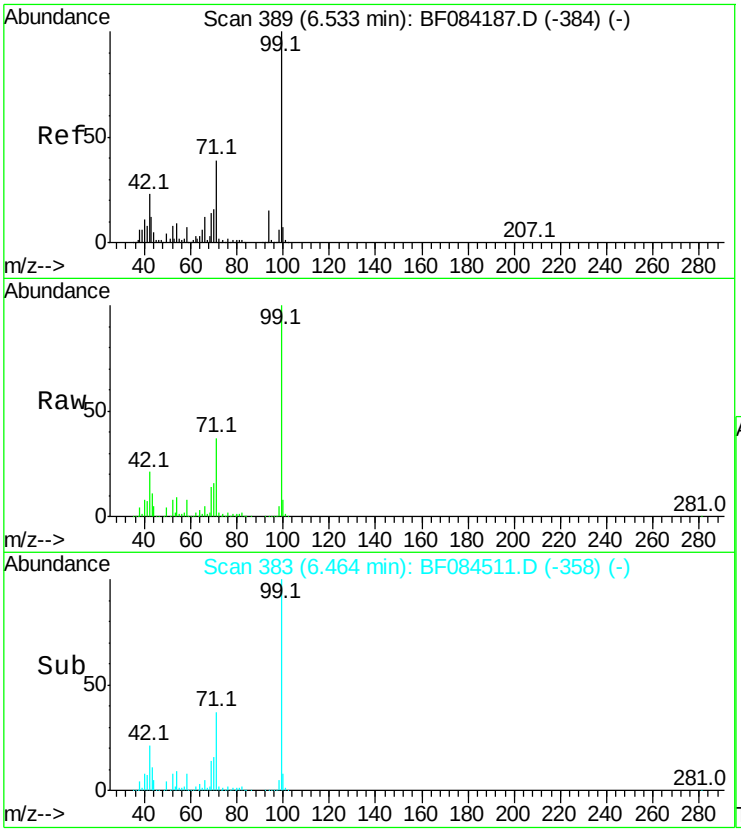


#5
2-Fluorophenol
Concen: 120.75 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:112 Resp: 1887210

Ion	Ratio	Lower	Upper
112	100		
64	63.6	36.6	55.0#
63	33.2	19.4	29.0#



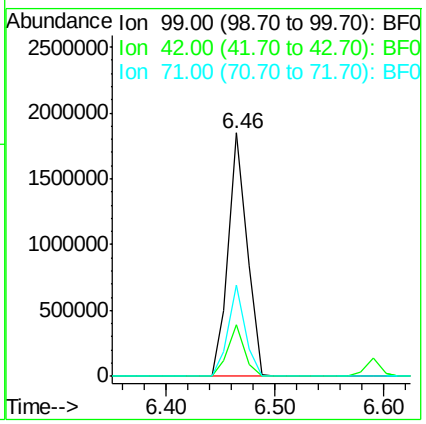


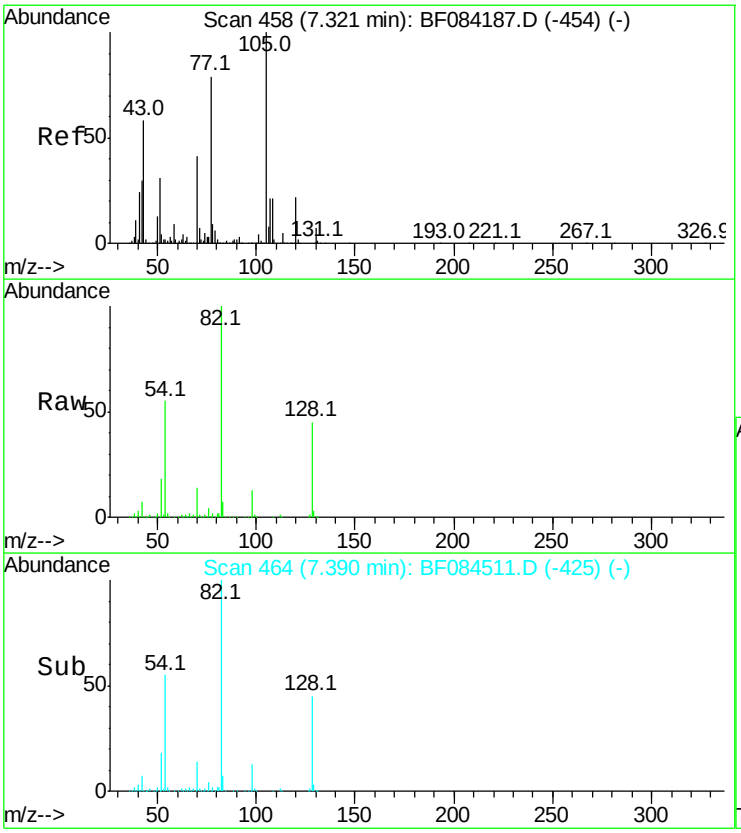
#7
Phenol-d6
Concen: 112.14 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2201021

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	37.3	30.9	46.3

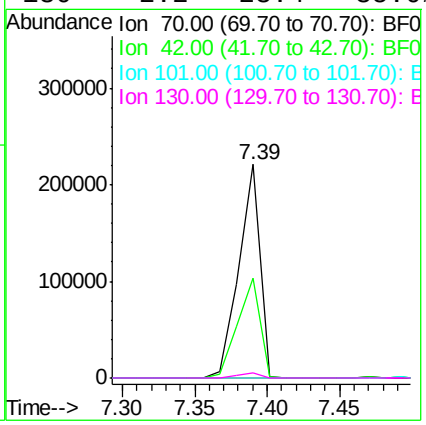


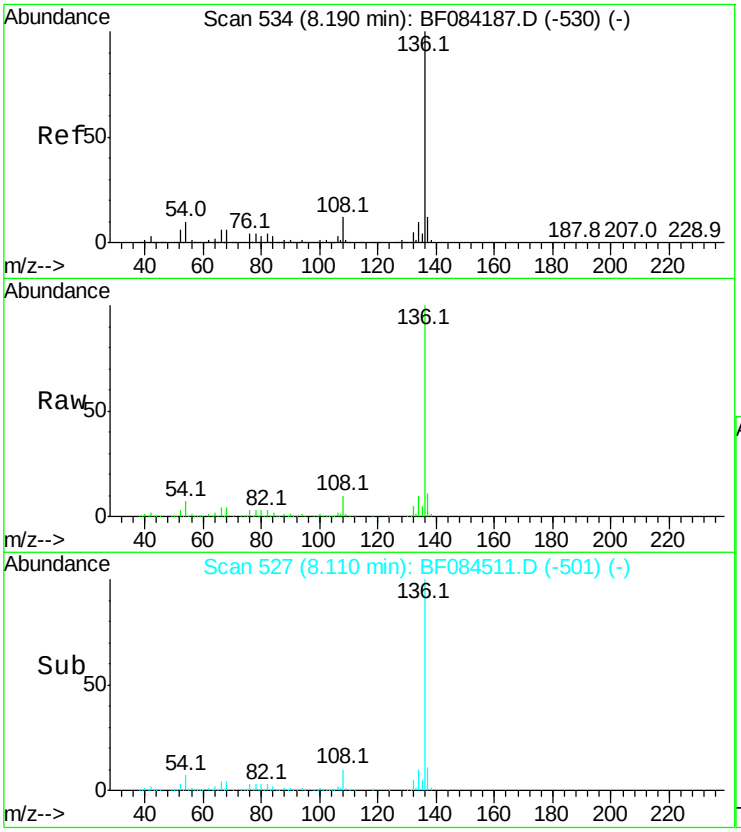


#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion: 70 Resp: 224470

Ion	Ratio	Lower	Upper
70	100		
42	46.6	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



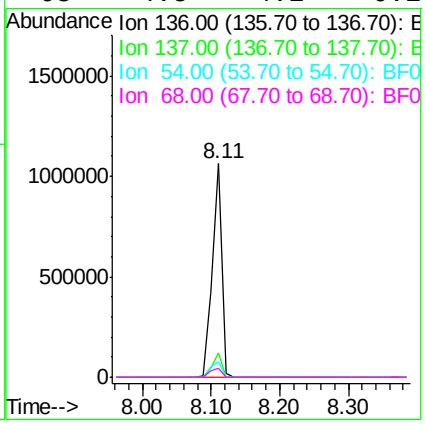


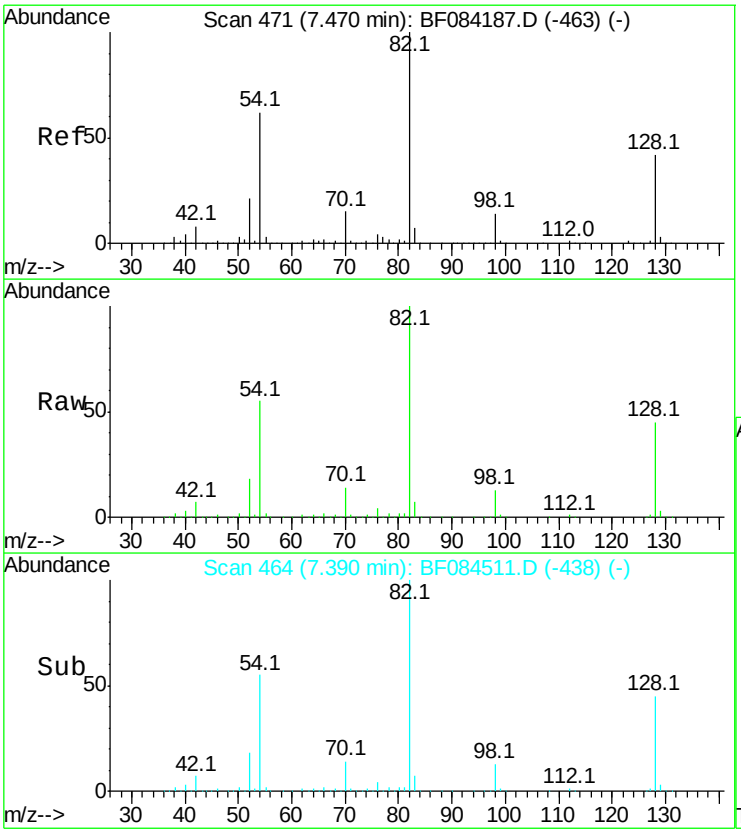
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1042299

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.9	5.8	8.8
68	4.5	4.2	6.2

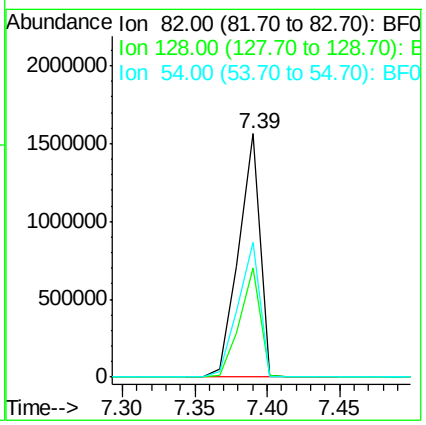


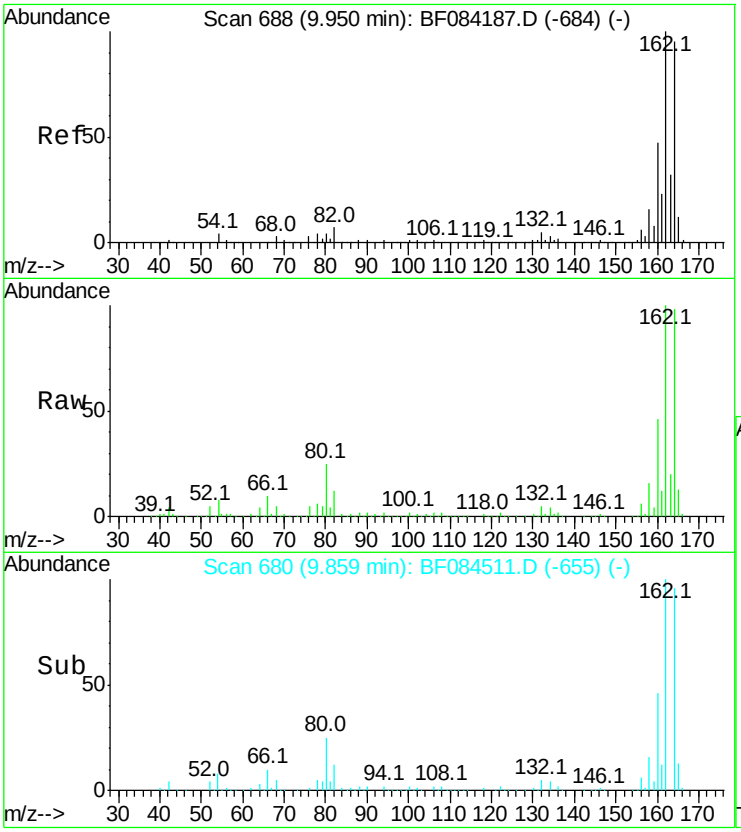


#23
Nitrobenzene-d5
Concen: 85.85 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion: 82 Resp: 1607694

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	55.2	38.4	57.6



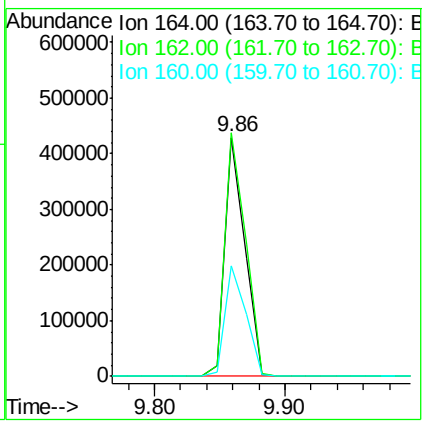


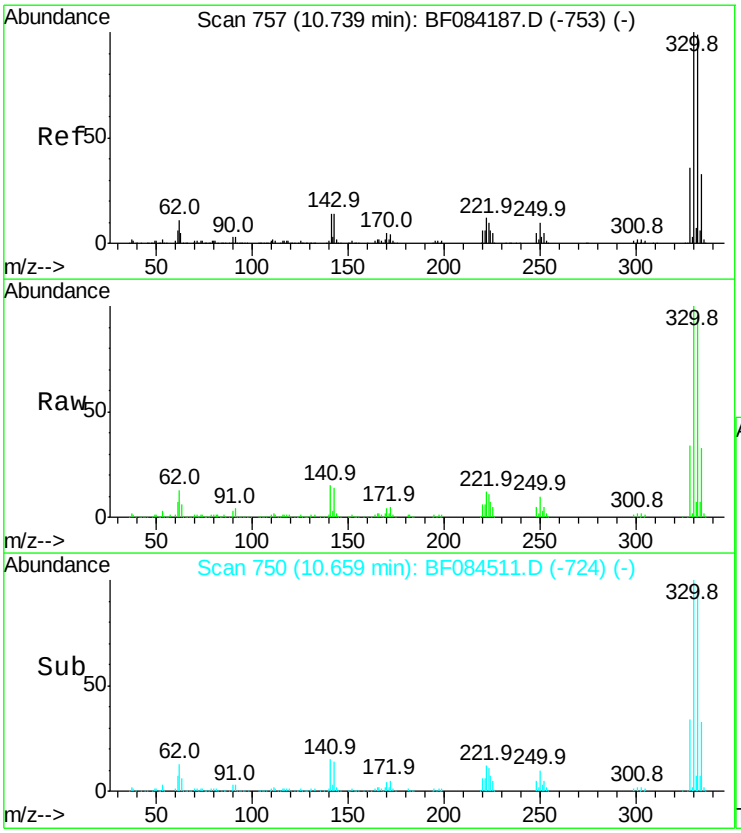
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 455962

Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.1	127.7
160	46.5	37.5	56.3

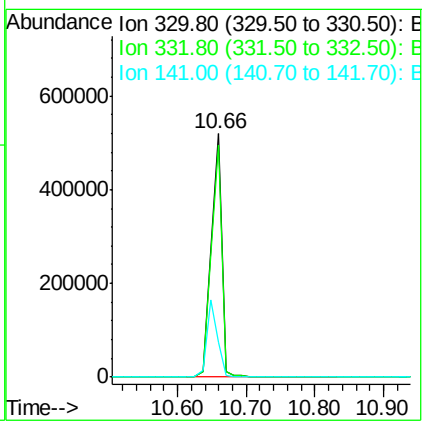


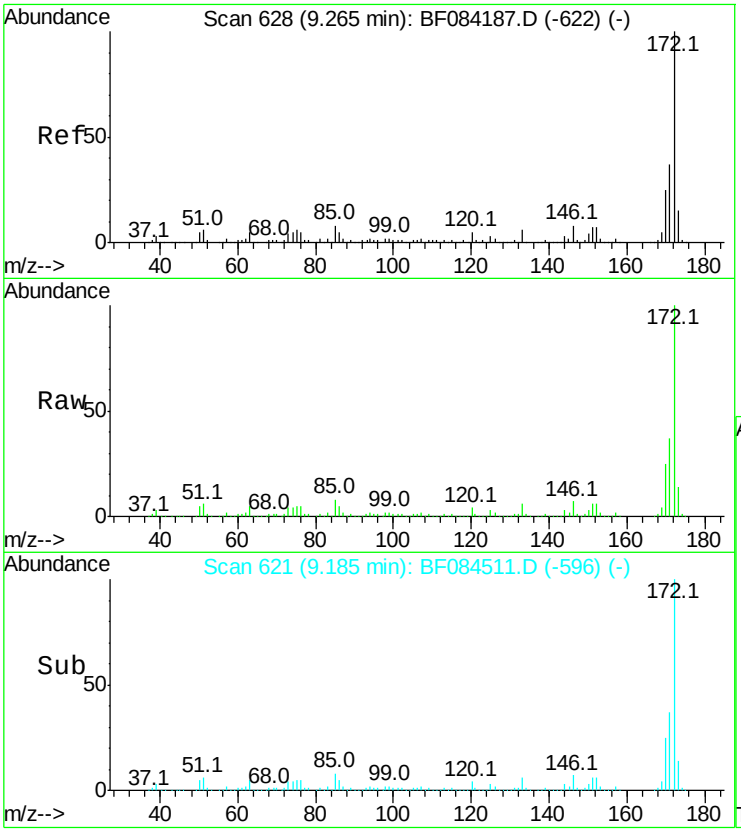


#41
2,4,6-Tribromophenol
Concen: 123.76 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:330 Resp: 569689

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	31.6	27.8	41.6



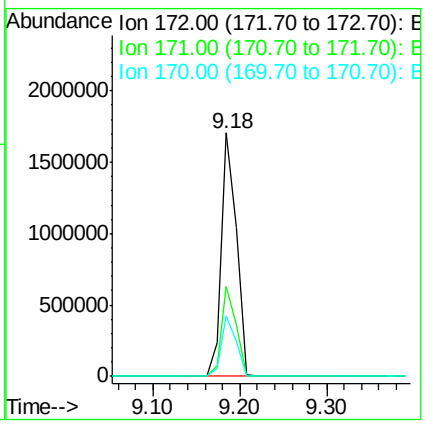


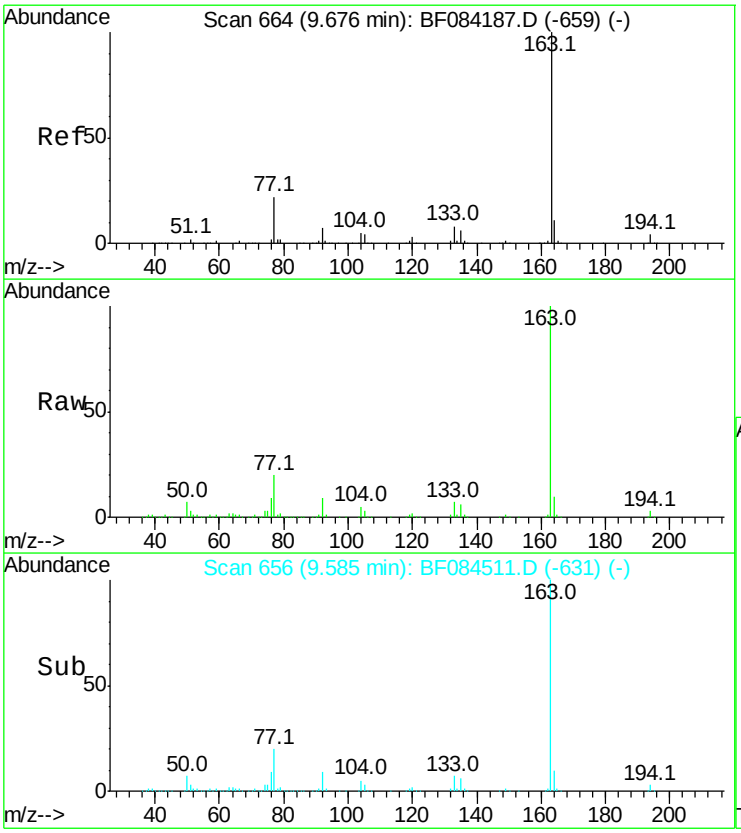
#44
2-Fluorobiphenyl
Concen: 79.47 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2070538

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.0	18.6	27.8

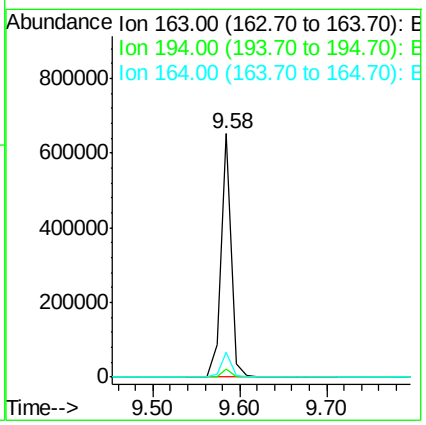


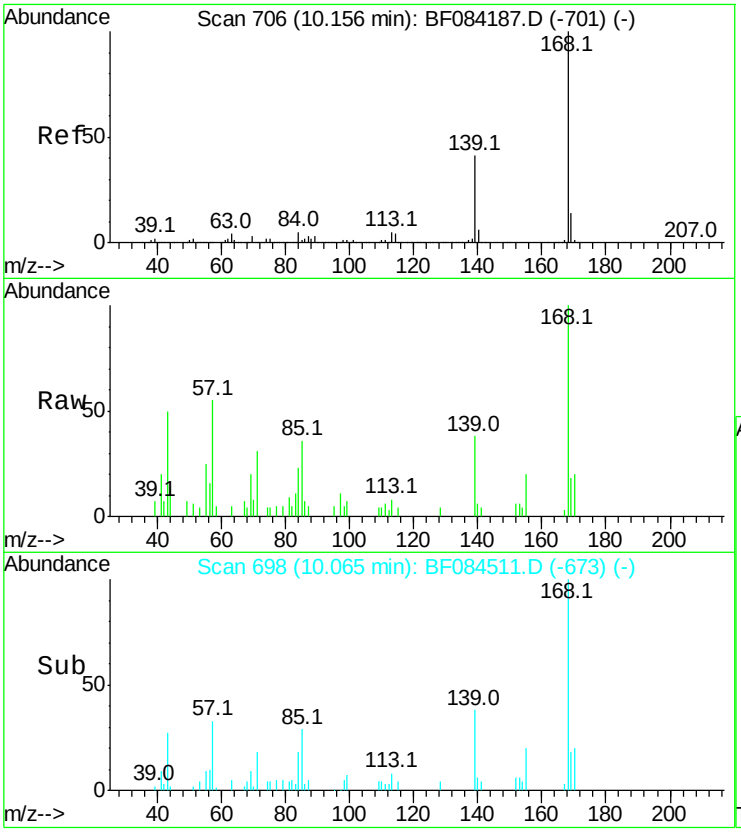


#49
Dimethylphthalate
Concen: 16.52 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:163 Resp: 538438

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.3	8.0	12.0



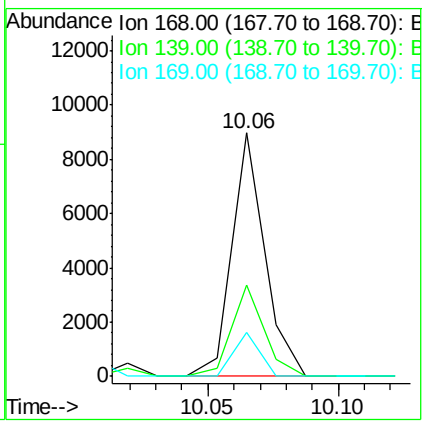


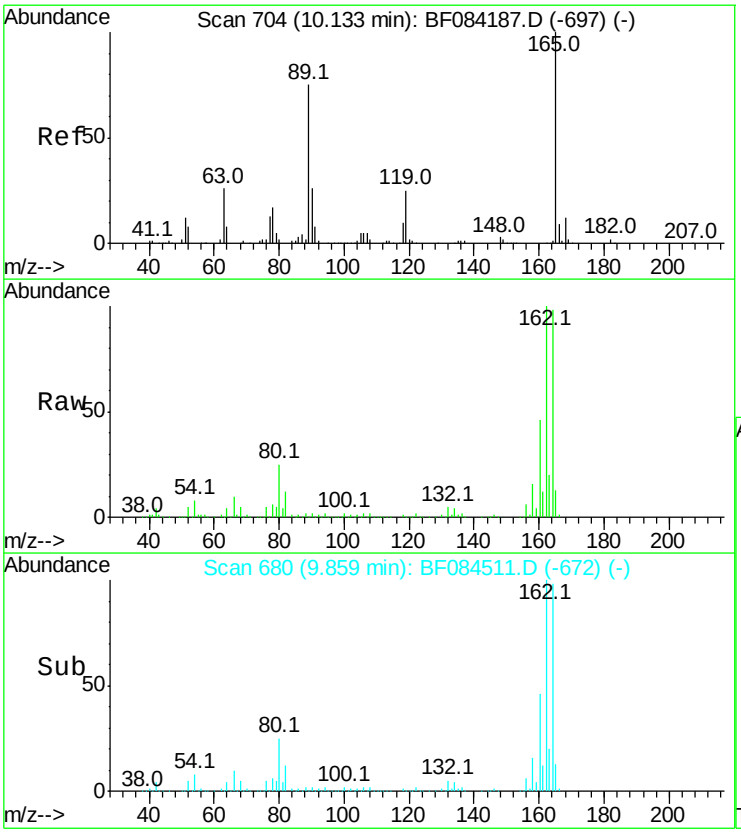
#54
Dibenzofuran
Concen: Below Cal
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 7935

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	18.0	10.4	15.6#

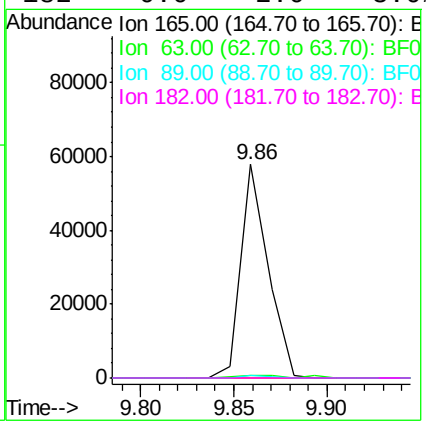


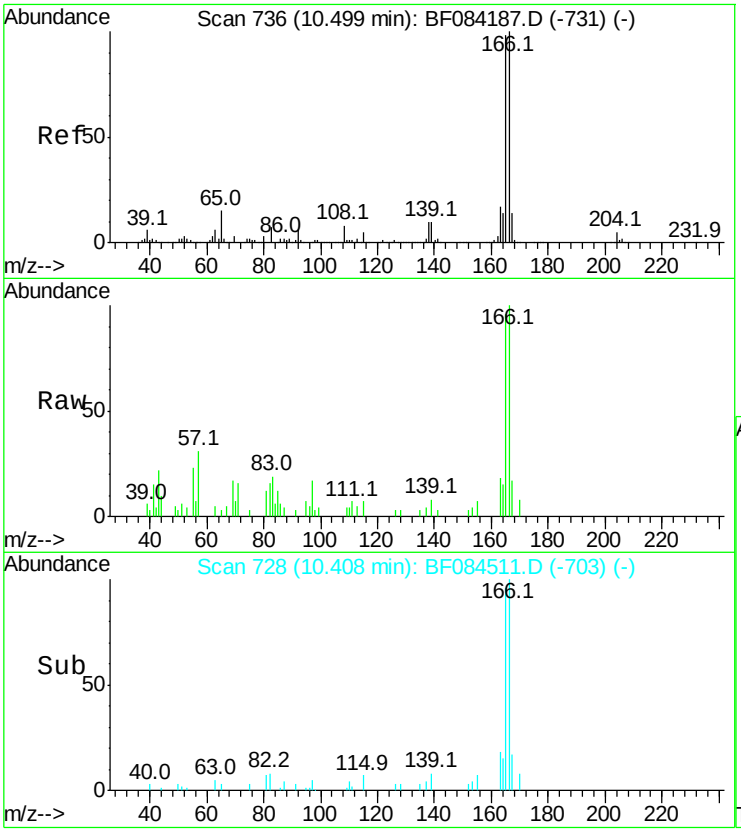


#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.21 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:165 Resp: 58589

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#



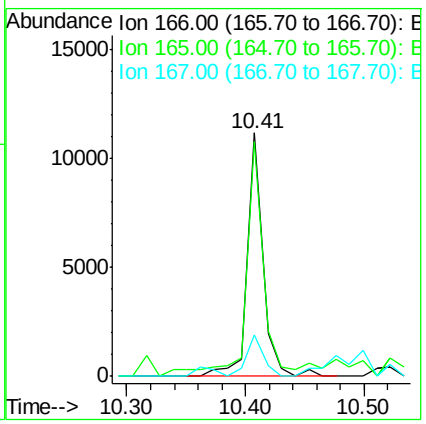


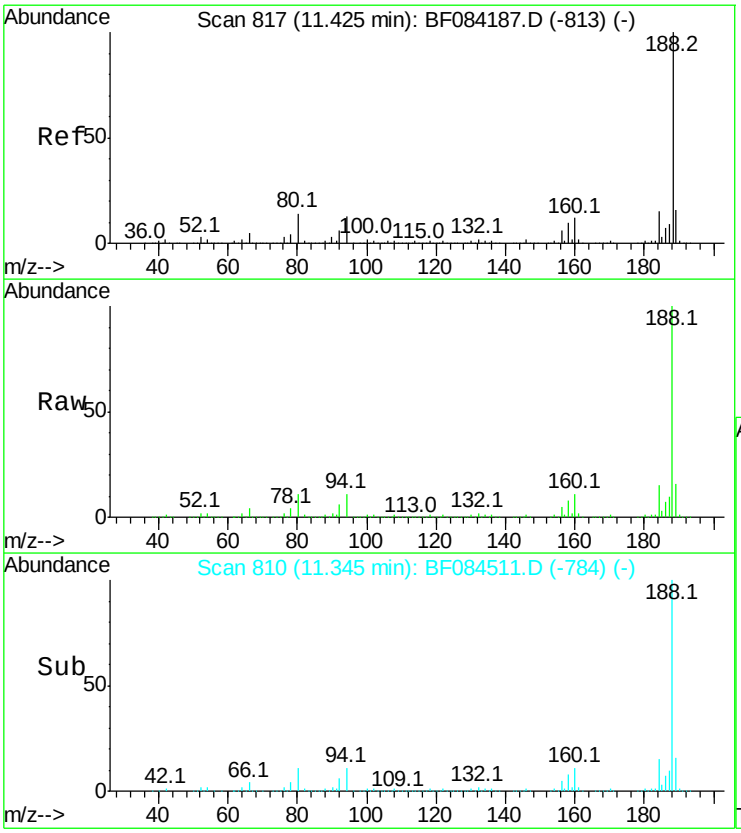
#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 10421

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.1	118.7
167	16.9	10.4	15.6#

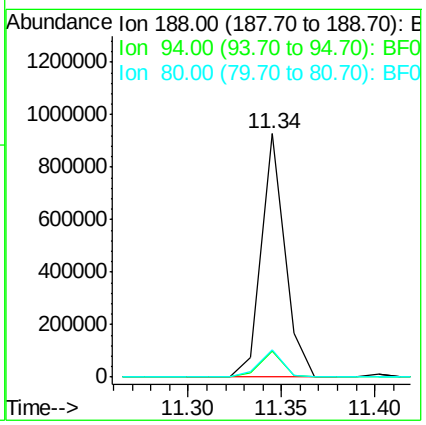


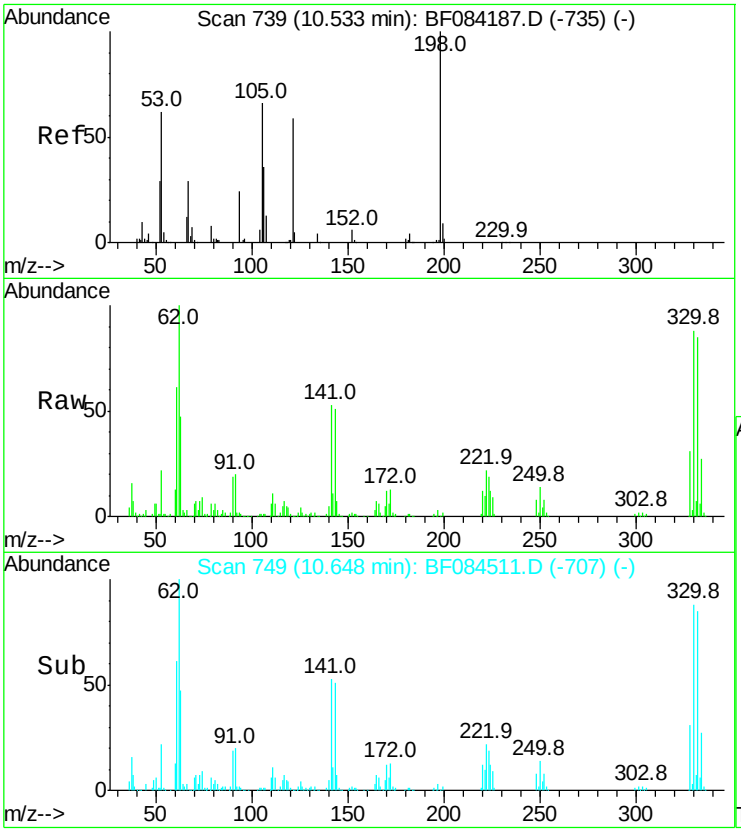


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:188 Resp: 807211

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.4	9.6	14.4



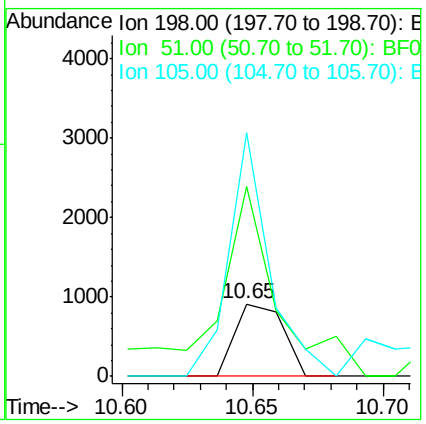


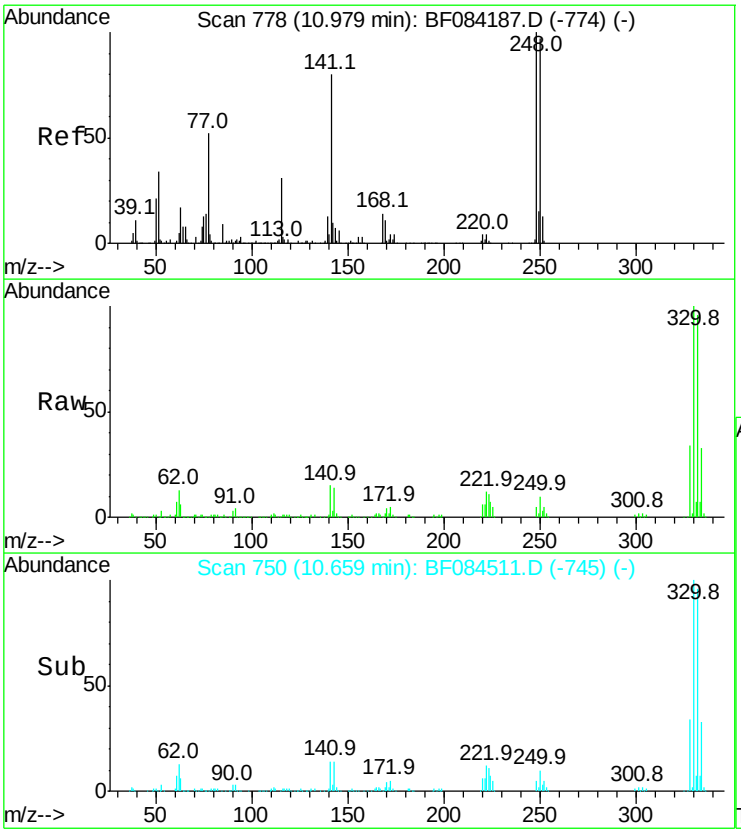
#64
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.18 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1186

Ion	Ratio	Lower	Upper
198	100		
51	260.5	18.9	58.9#
105	335.2	26.4	66.4#

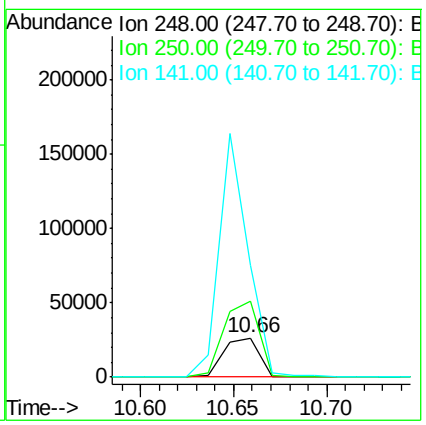


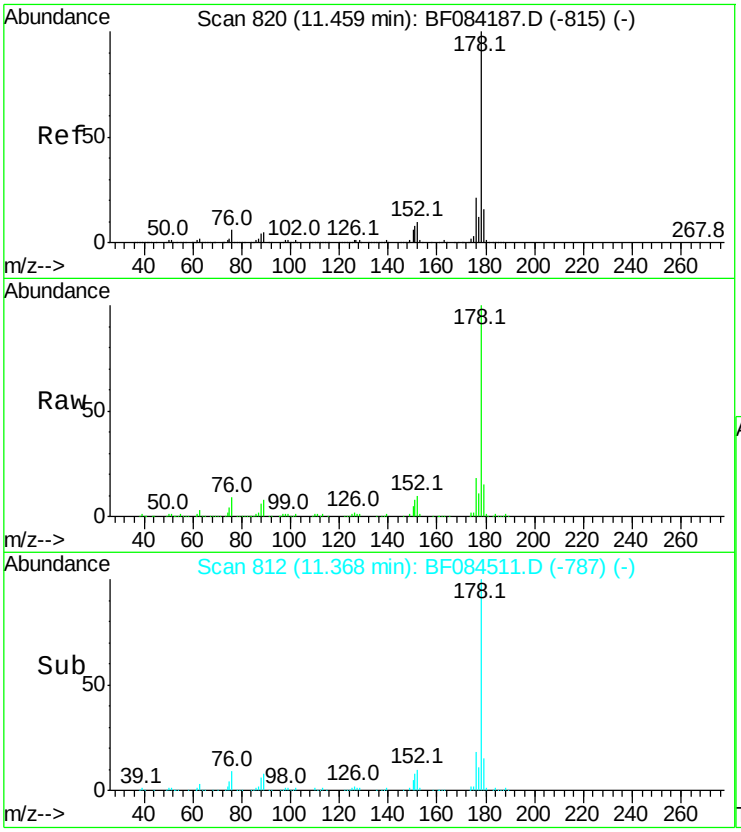


#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:248 Resp: 35606

Ion	Ratio	Lower	Upper
248	100		
250	194.7	78.4	117.6#
141	286.4	44.0	66.0#



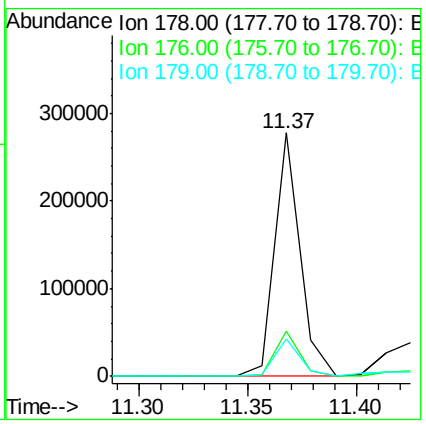


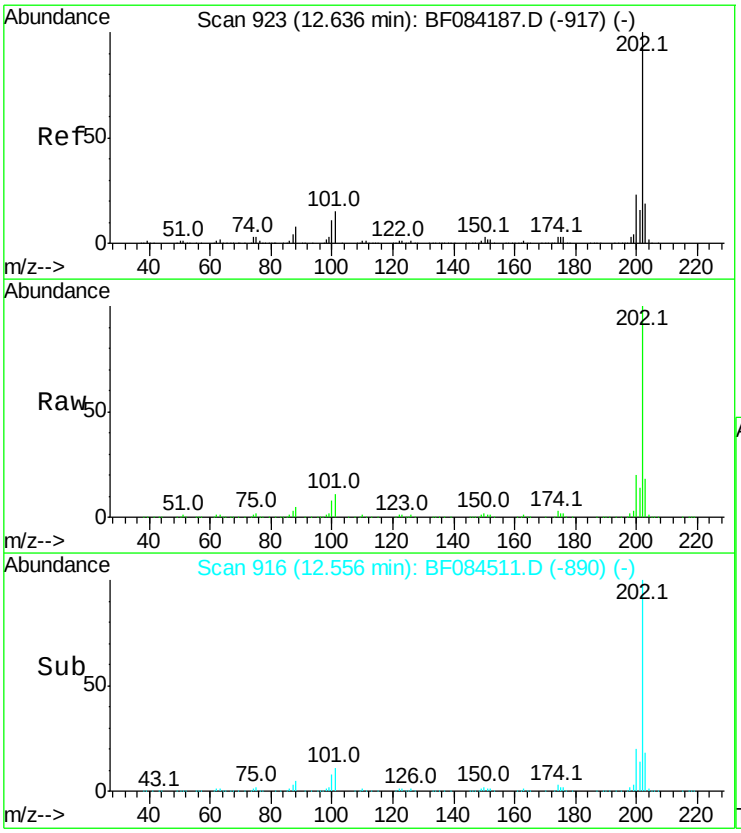
#70
Phenanthrene
Concen: 5.39 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 227525

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.5	12.0	18.0

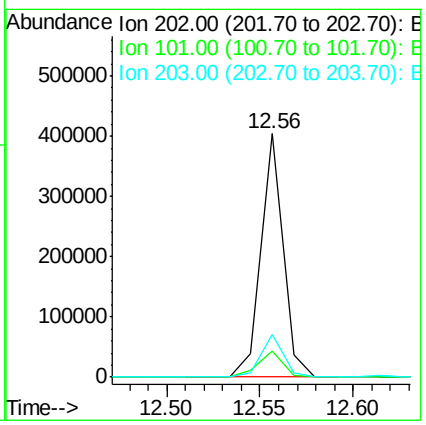


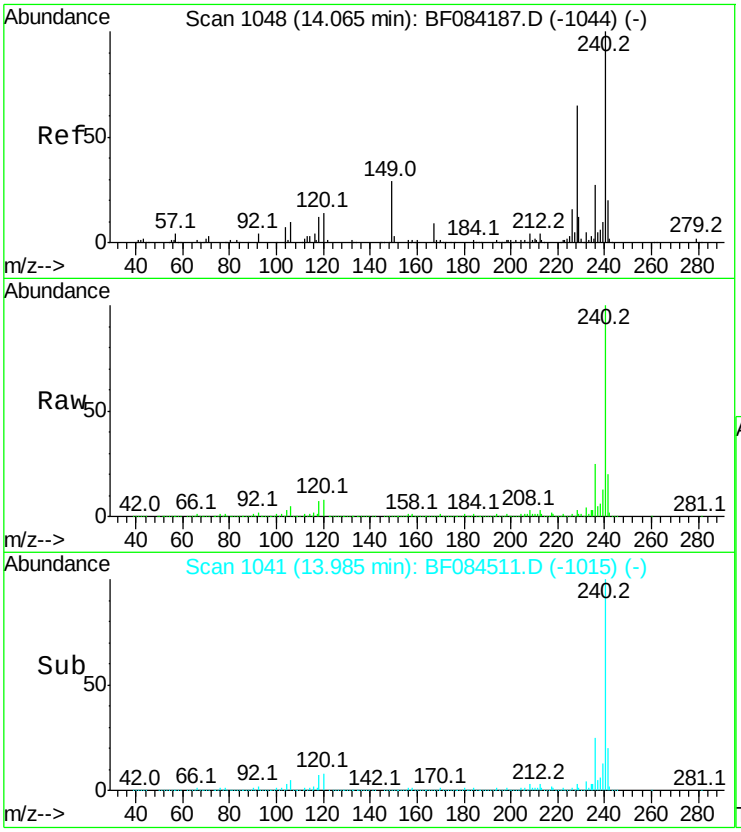


#74
Fluoranthene
Concen: 7.50 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:202 Resp: 330667

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.8
203	17.6	0.0	37.9



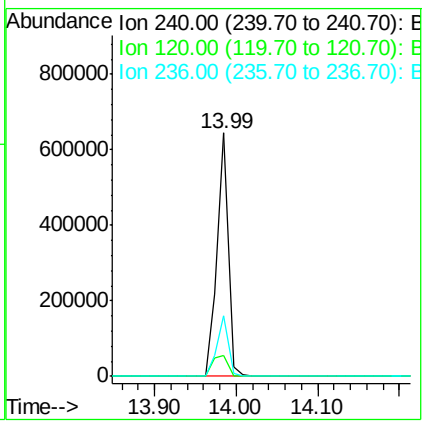


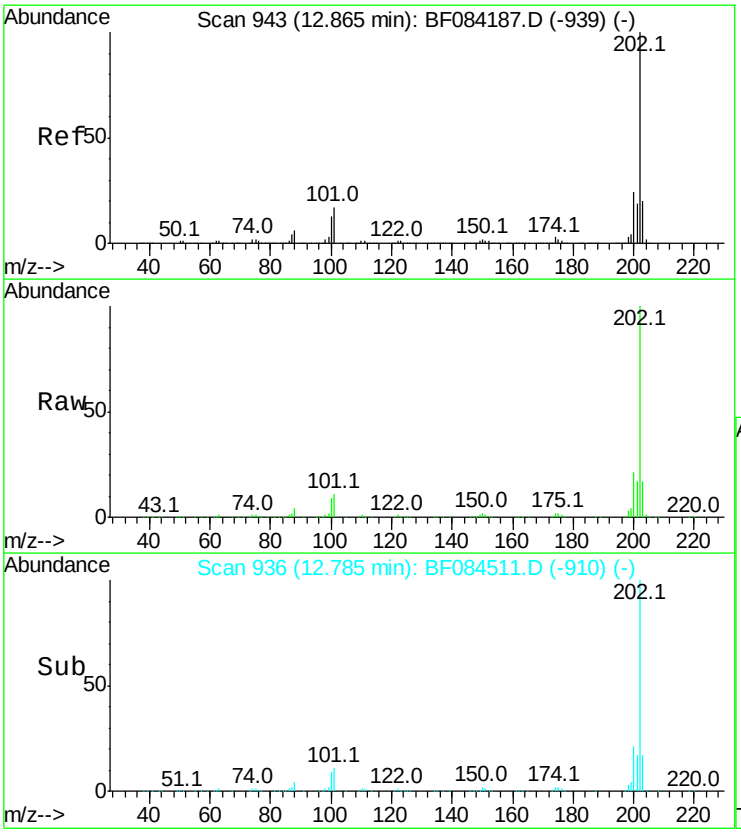
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 618980

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	24.9	20.6	31.0

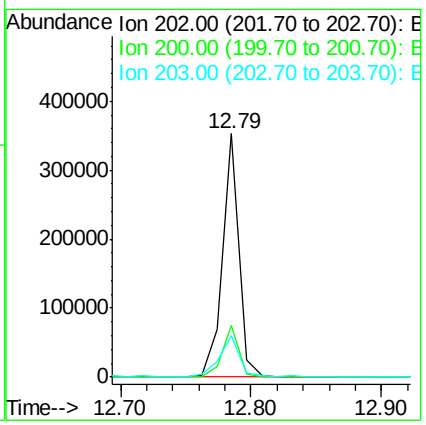


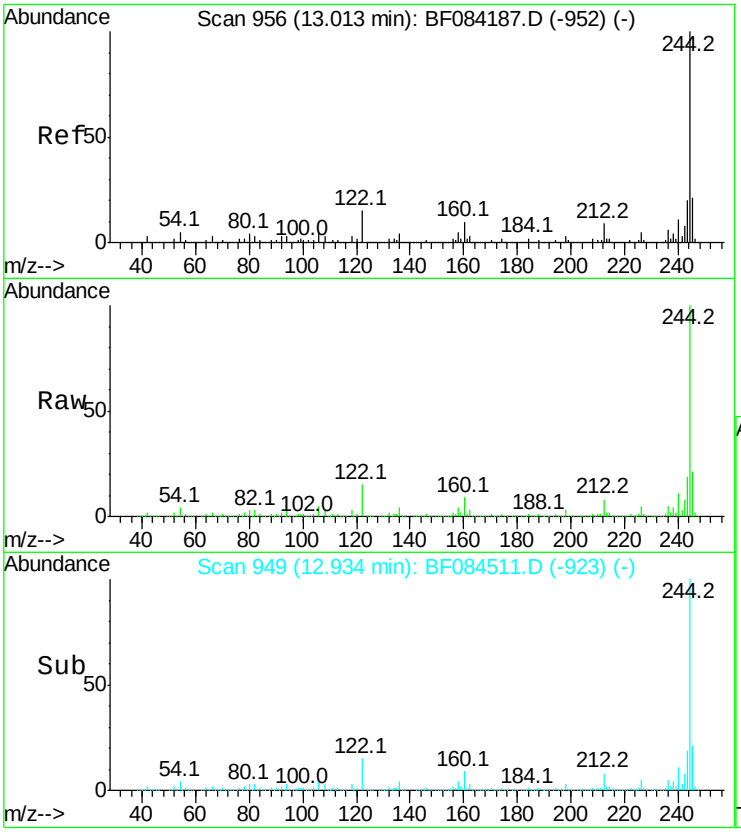


#77
Pyrene
Concen: 6.41 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:202 Resp: 311531

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.1	14.3	21.5



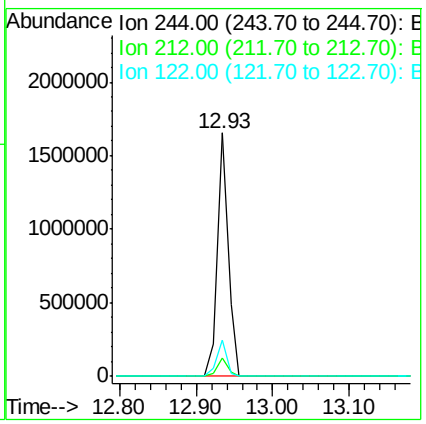


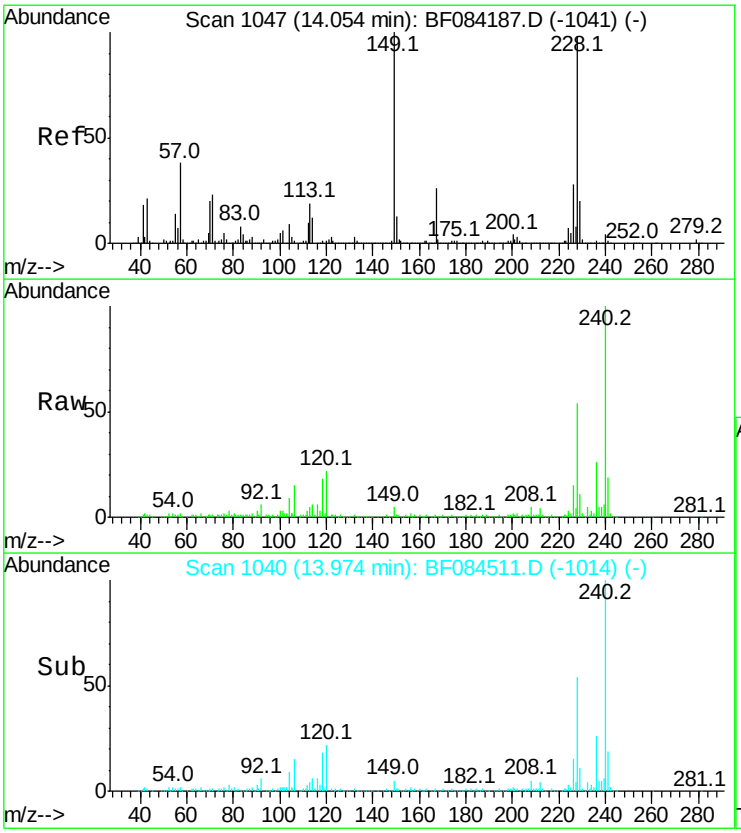
#78
Terphenyl-d14
Concen: 58.95 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1634568

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.7	7.4	11.0#

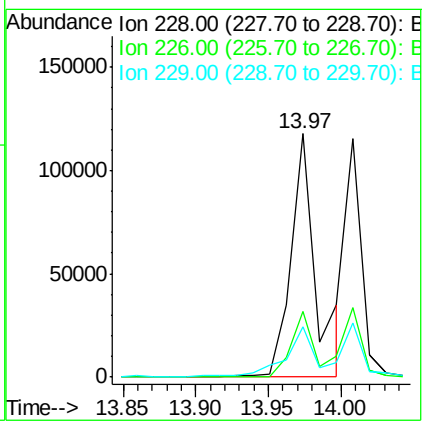


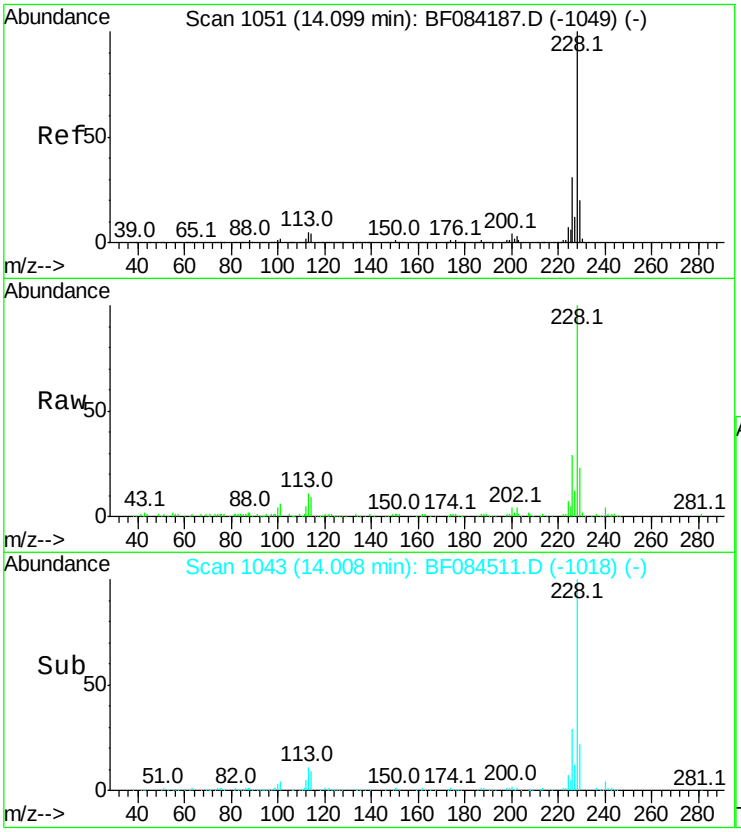


#80
Benzo(a)anthracene
Concen: 3.93 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:228 Resp: 142917

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	20.6	15.8	23.8



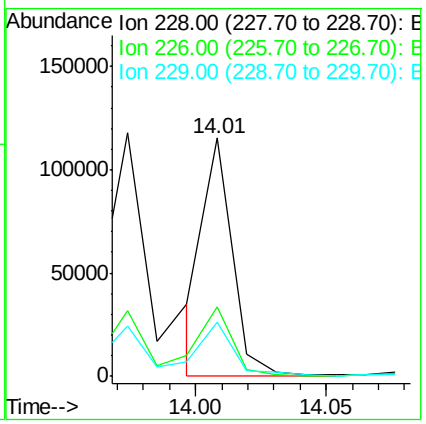


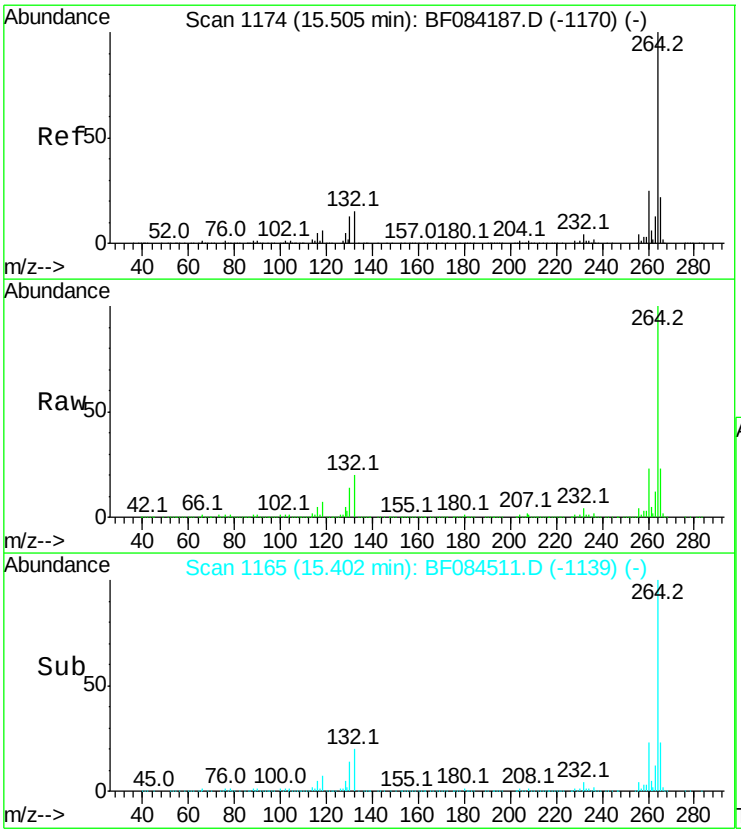
#82
Chrysene
Concen: 2.54 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 88631

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.3	36.5
229	22.8	16.1	24.1

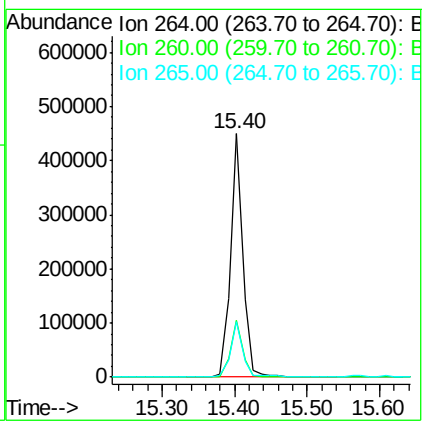


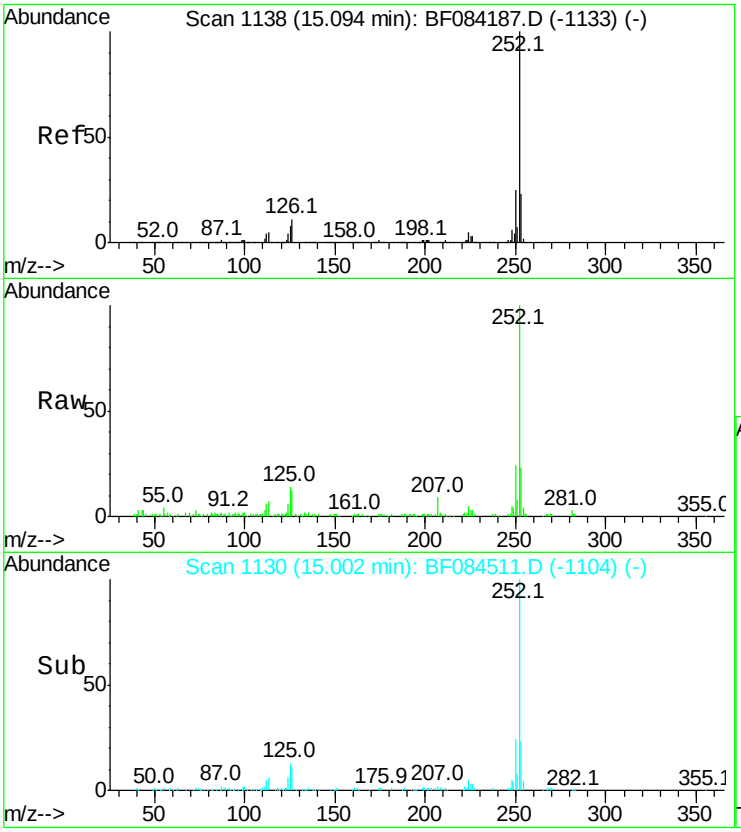


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:264 Resp: 531042

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.6	17.8	26.6



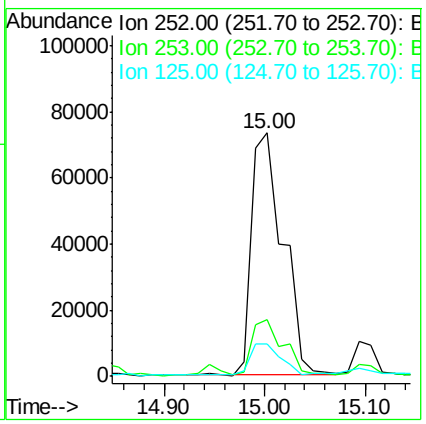


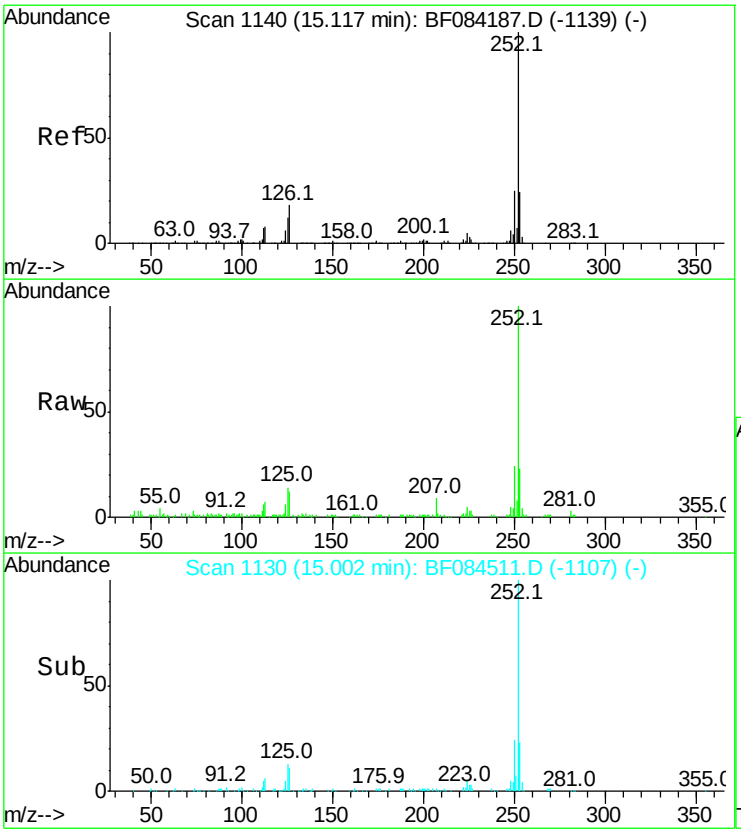
#87
Benzo(b)fluoranthene
Concen: 4.59 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 159423

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	13.5	6.5	9.7#

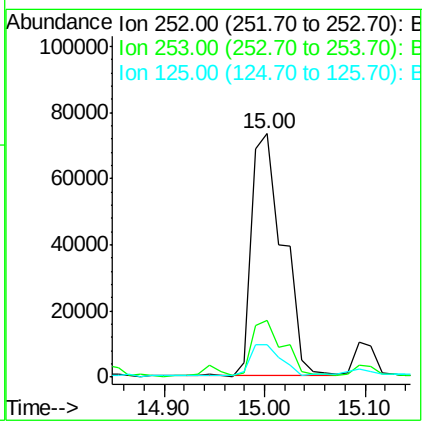


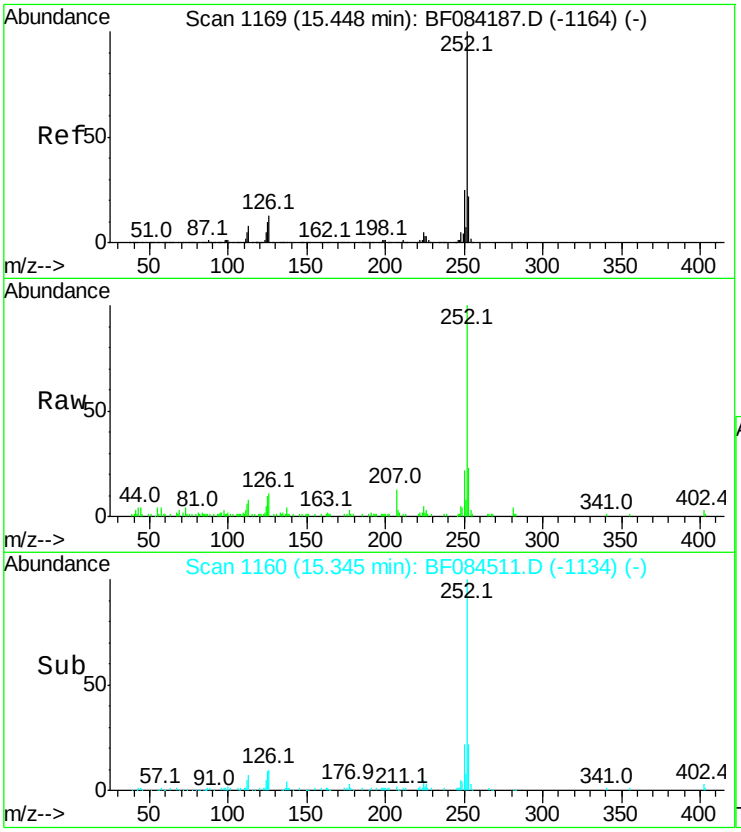


#88
Benzo(k)fluoranthene
Concen: 5.61 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Tgt Ion:252 Resp: 159423

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.5	9.0	13.6





#89
Benzo(a)pyrene
Concen: 2.95 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF084511.D
Acq: 16 Jan 2016 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 87001

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	9.8	7.0	10.4