Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084598.D
Acq On : 22 Jan 2016 19:18
Operator : SJ/IZ
Sample : H1127-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Time: Jan 22 22:13:51 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	6.90	152	74586	20.00	ng		0.07
21) Naphthalene-d8	8.03	136	830829	20.00	ng		-0.09
38) Acenaphthene-d10	9.78	164	348943	20.00	ng		-0.09
63) Phenanthrene-d10	11.26	188	642948	20.00	ng		-0.09
75) Chrysene-d12	13.89	240	423613	20.00	ng		-0.10
86) Perylene-d12	15.29	264	374849	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	158423	34.36	ng		-0.10
7) Phenol-d6	6.38	99	208360	35.98	ng		-0.09
23) Nitrobenzene-d5	7.31	82	121356	8.13	ng		-0.09
41) 2,4,6-Tribromophenol	10.57	330	36727	10.43	ng		-0.10
44) 2-Fluorobiphenyl	9.10	172	210022	4.60	ng		-0.09
78) Terphenyl-d14	12.85	244	157640	8.31	ng		-0.09
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	15672	4.00	ng	#	75
50) 2,6-Dinitrotoluene	9.78	165	44538	8.14	ng	#	38
54) Dibenzofuran	9.98	168	4489	Below Cal		#	88
56) 2,4-Dinitrotoluene	9.78	165	44766	6.46	ng	#	22
57) Fluorene	10.33	166	7059	Below Cal			98
70) Phenanthrene	11.29	178	82713	2.46	ng		99
73) Di-n-butylphthalate	11.84	149	2806	Below Cal		#	72
74) Fluoranthene	12.48	202	110256	3.14	ng		93
77) Pyrene	12.70	202	100351	3.02	ng		97
82) Chrysene	13.88	228	48406	2.03	ng		95
87) Benzo(b)fluoranthene	14.90	252	53465	2.18	ng	#	88
88) Benzo(k)fluoranthene	14.90	252	53465	2.67	ng		93

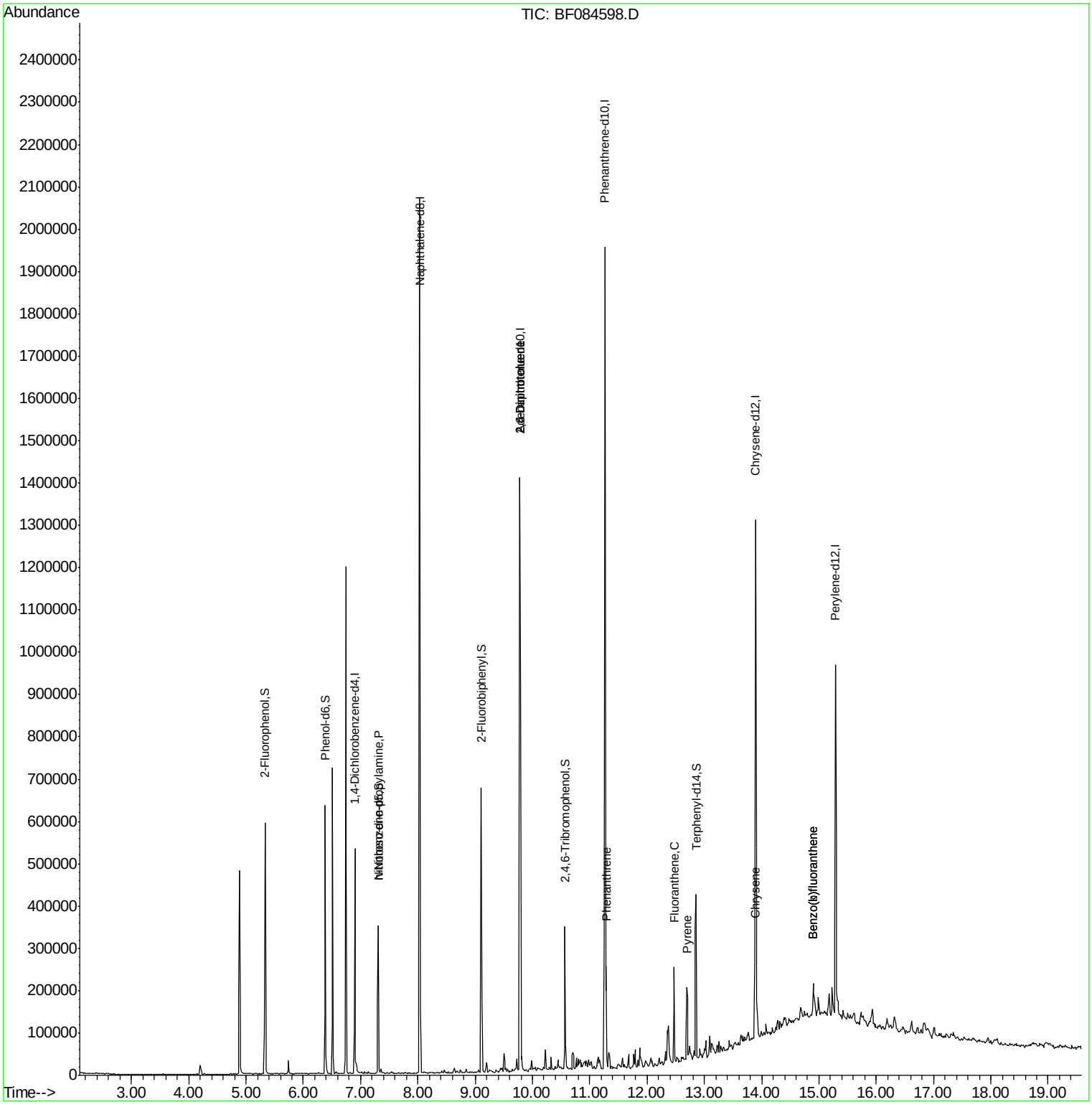
(#) = qualifier out of range (m) = manual integration (+) = signals summed

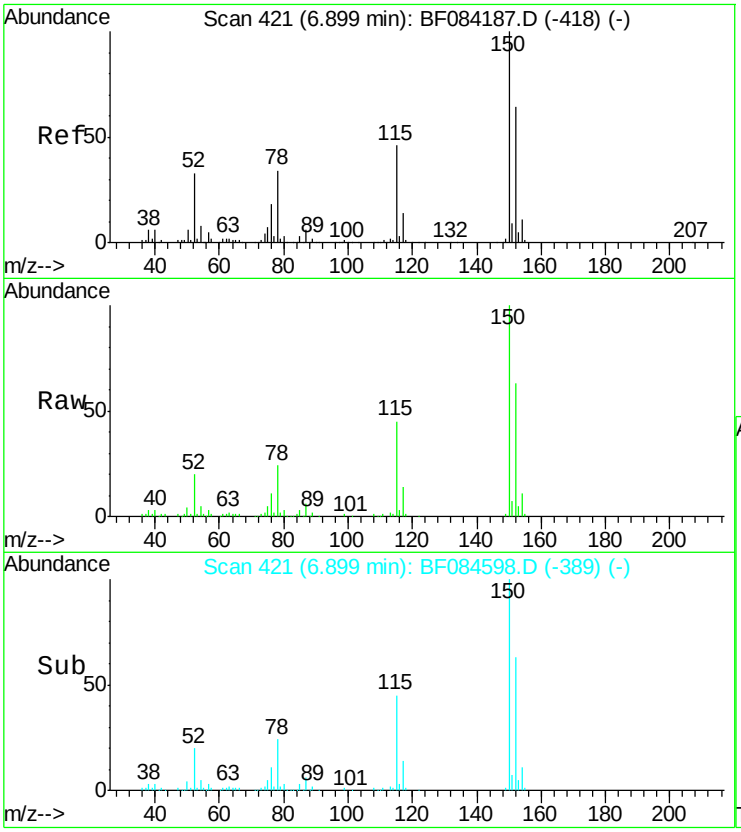
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084598.D
Acq On : 22 Jan 2016 19:18
Operator : SJ/IZ
Sample : H1127-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Jan 22 22:13:51 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



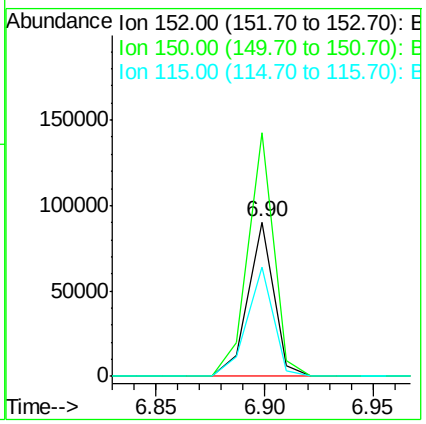


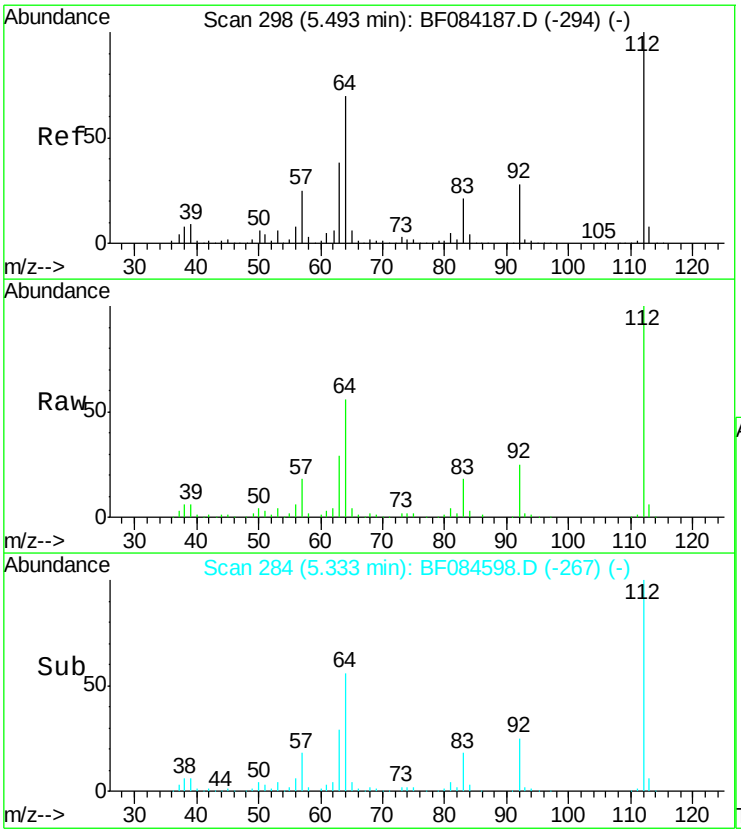
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.07 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:152 Resp: 74586

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	71.2	51.4	77.2

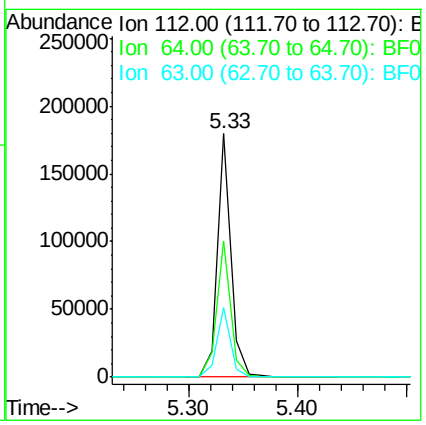


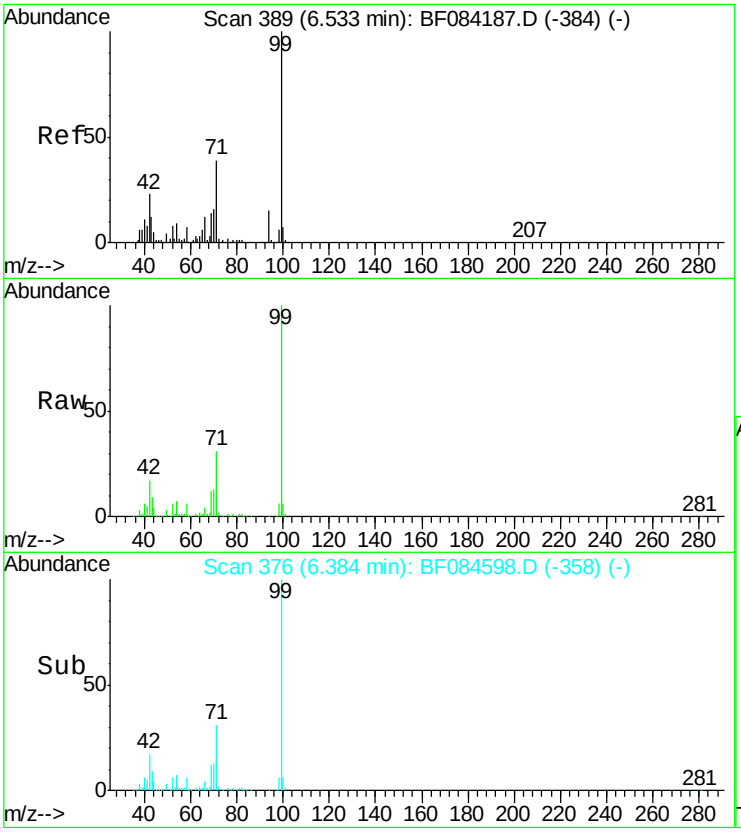


#5
2-Fluorophenol
Concen: 34.36 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.10 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:112 Resp: 158423

Ion	Ratio	Lower	Upper
112	100		
64	55.7	36.6	55.0#
63	28.7	19.4	29.0



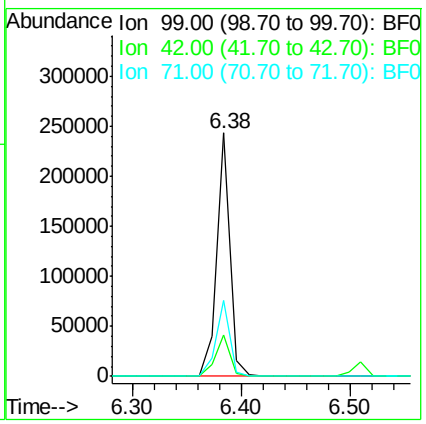


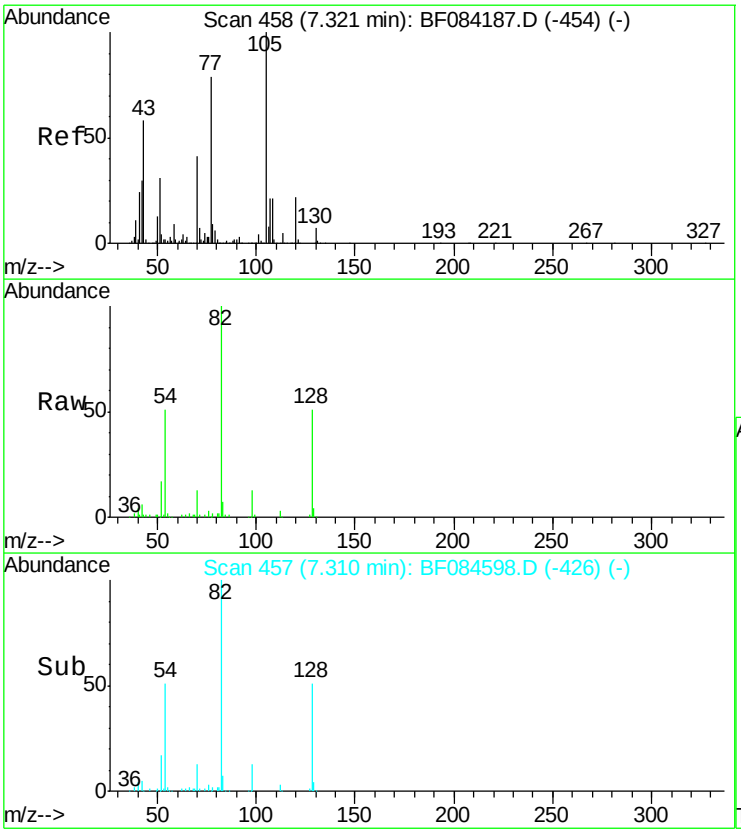
#7
Phenol-d6
Concen: 35.98 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 208360

Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.8	19.2
71	31.3	30.9	46.3

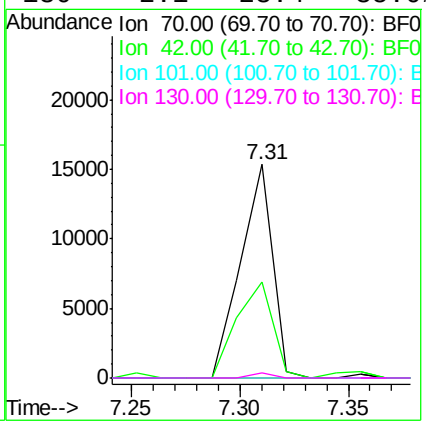


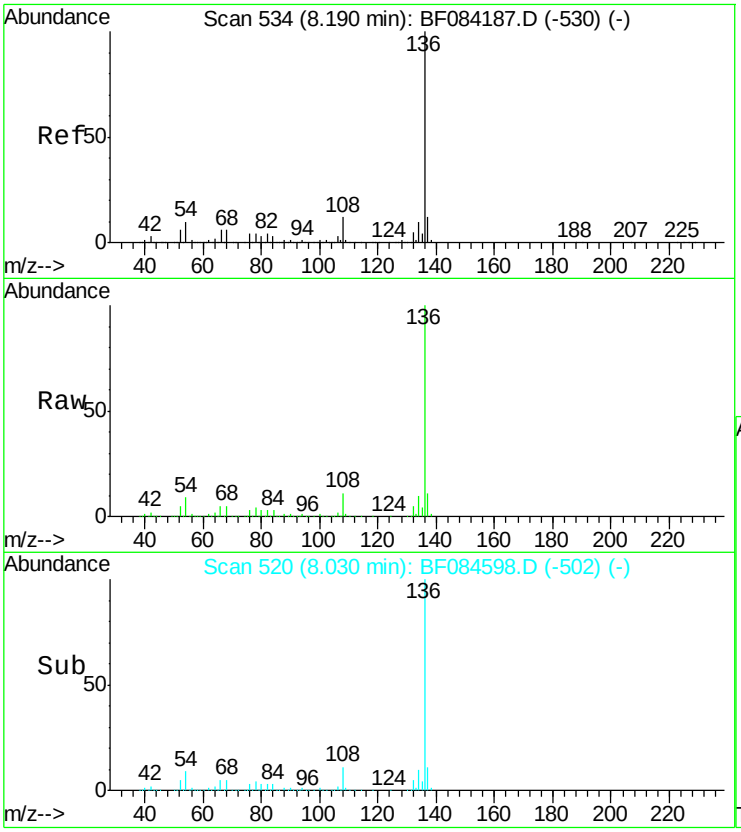


#19
n-Nitroso-di-n-propylamine
Concen: 4.00 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.06 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion: 70 Resp: 15672

Ion	Ratio	Lower	Upper
70	100		
42	45.2	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



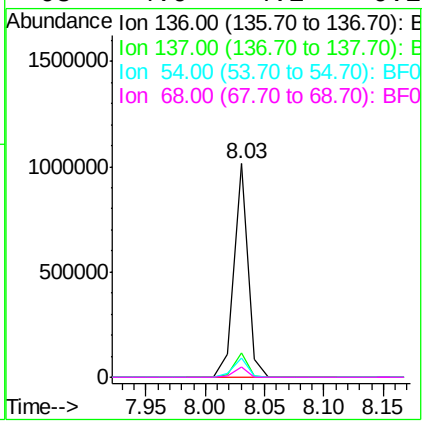


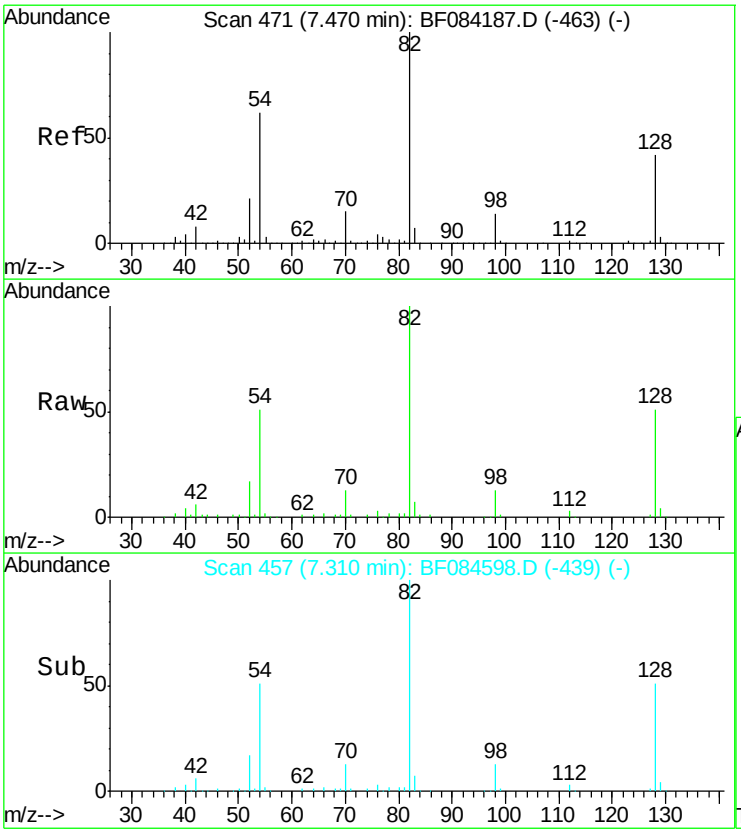
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:136 Resp: 830829

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.8	5.8	8.8#
68	4.9	4.2	6.2

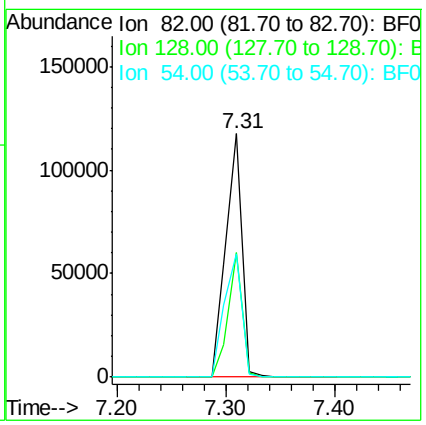


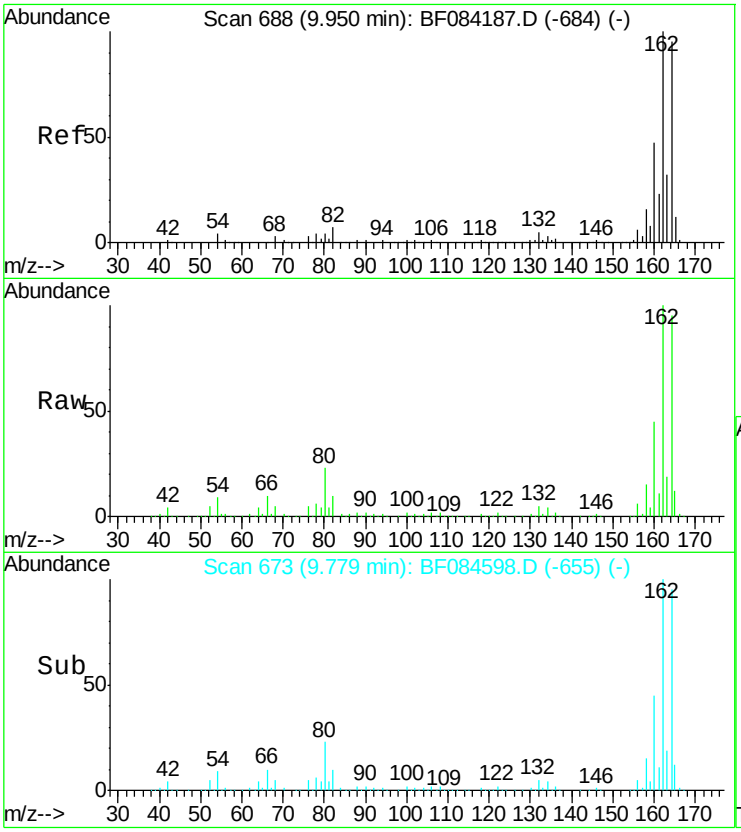


#23
Nitrobenzene-d5
Concen: 8.13 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion: 82 Resp: 121356

Ion	Ratio	Lower	Upper
82	100		
128	51.3	34.6	51.8
54	50.9	38.4	57.6



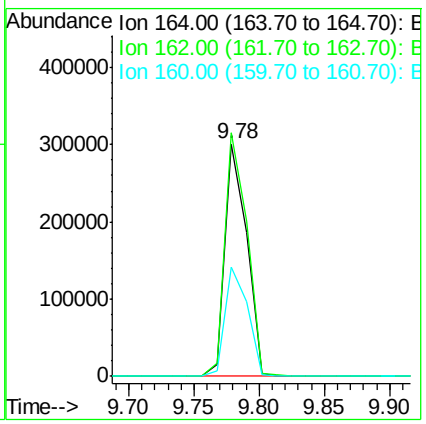


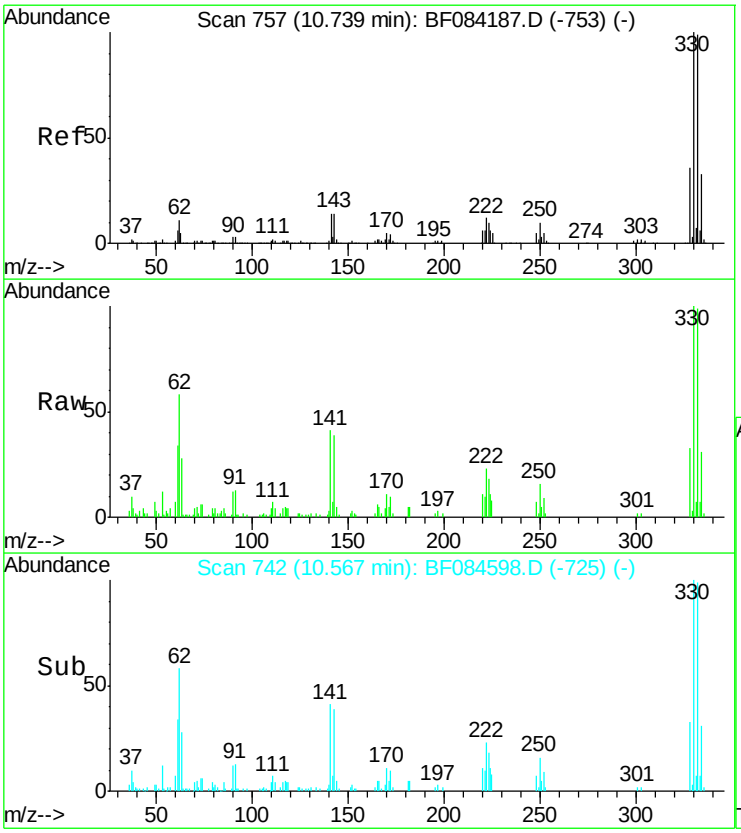
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:164 Resp: 348943

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	47.2	37.5	56.3

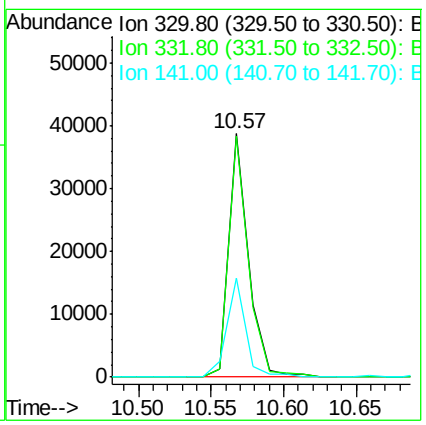


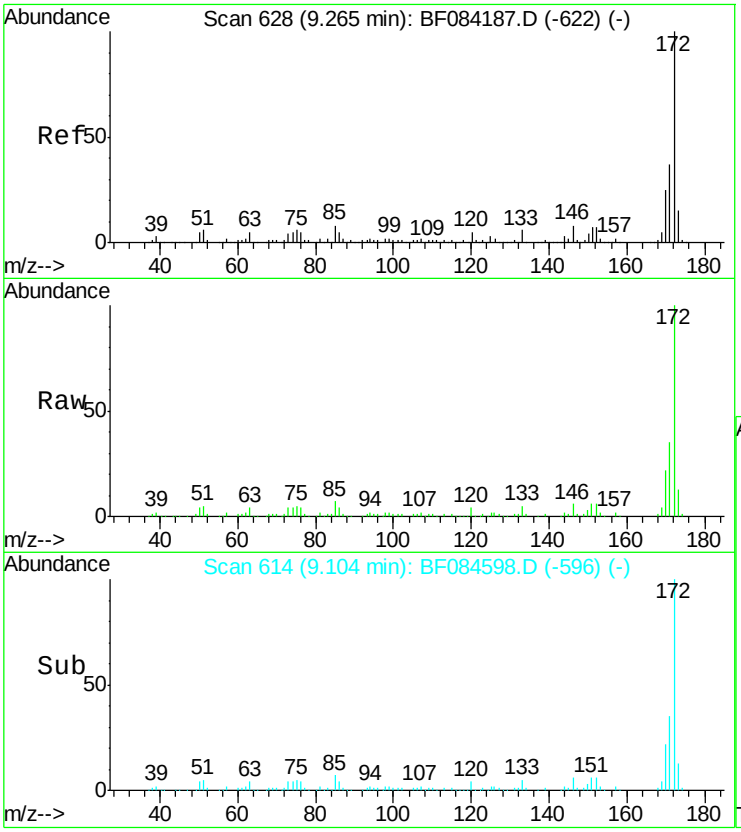


#41
2,4,6-Tribromophenol
Concen: 10.43 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.10 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:330 Resp: 36727

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	38.9	27.8	41.6



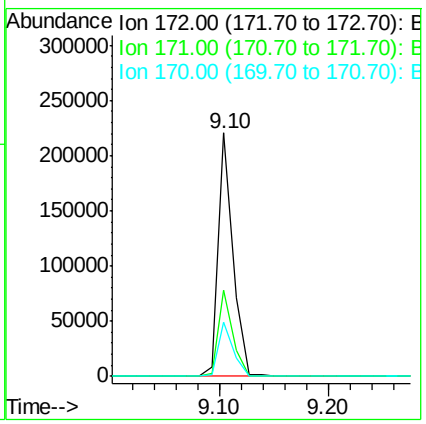


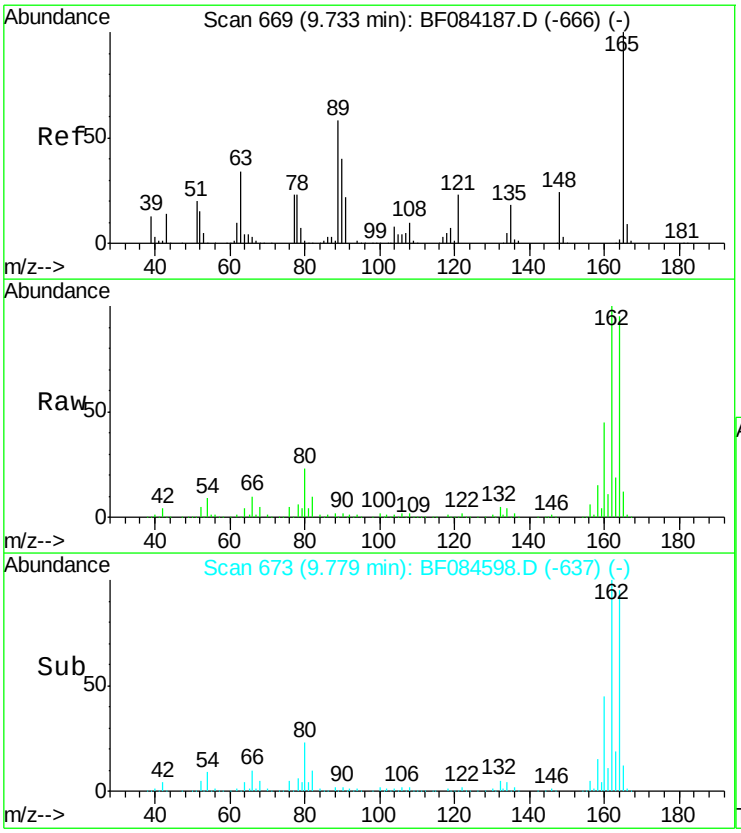
#44
2-Fluorobiphenyl
Concen: 4.60 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:172 Resp: 210022

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	22.4	18.6	27.8

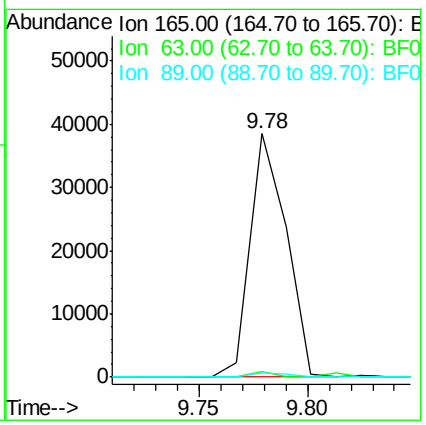


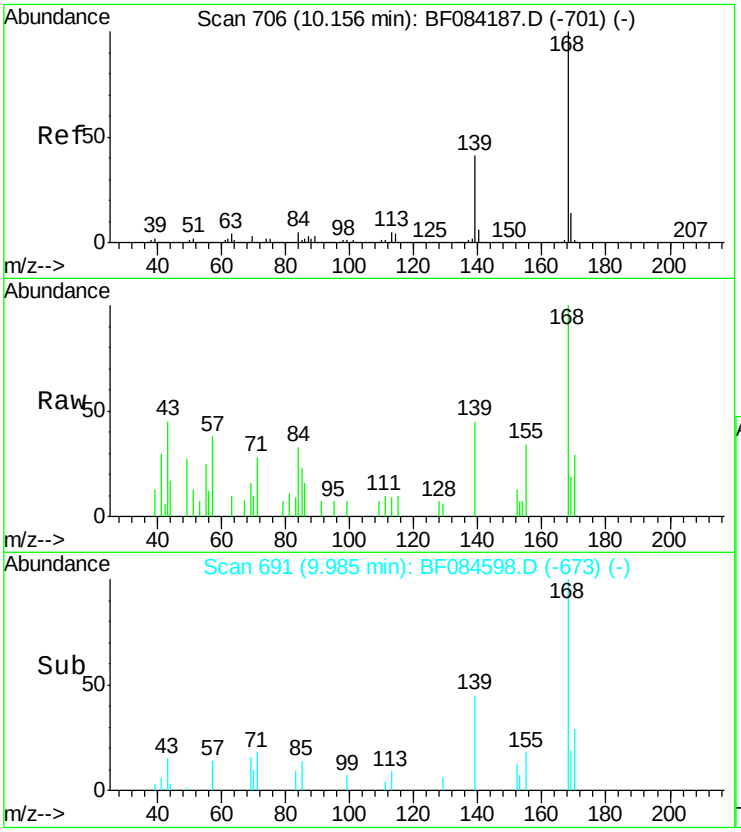


#50
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.11 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:165 Resp: 44538

Ion	Ratio	Lower	Upper
165	100		
63	2.2	28.8	43.2#
89	1.8	35.1	52.7#



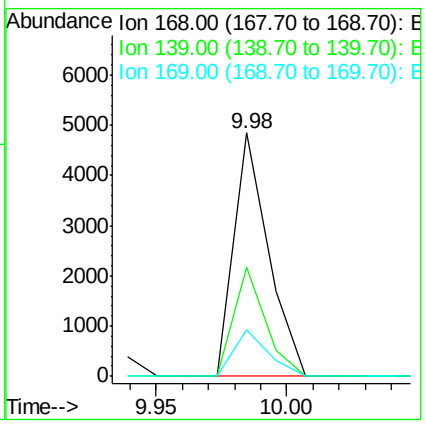


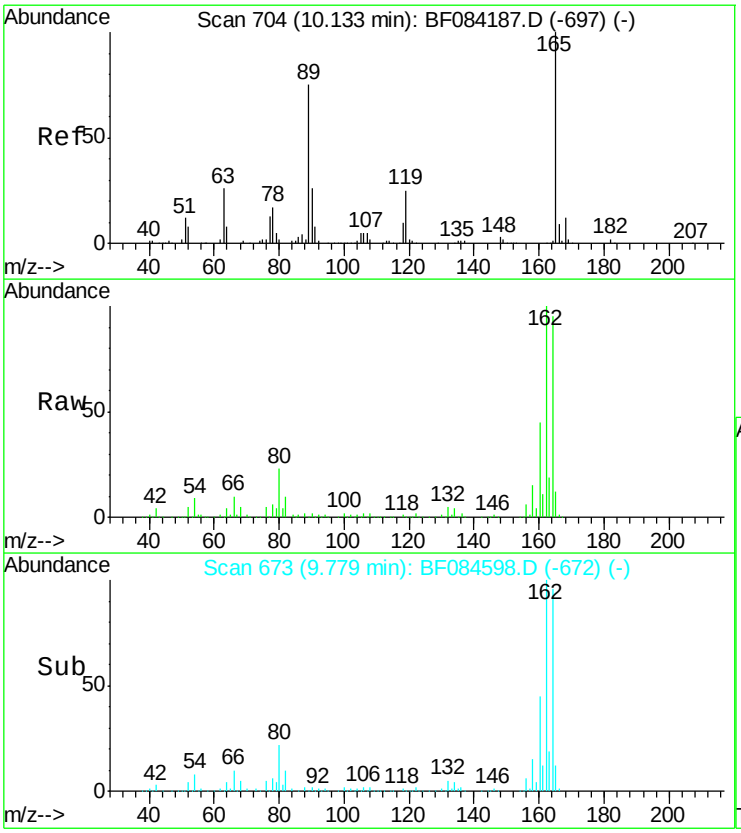
#54
Dibenzofuran
Concen: Below Cal
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:168 Resp: 4489

Ion	Ratio	Lower	Upper
168	100		
139	44.6	30.5	45.7
169	18.9	10.4	15.6#

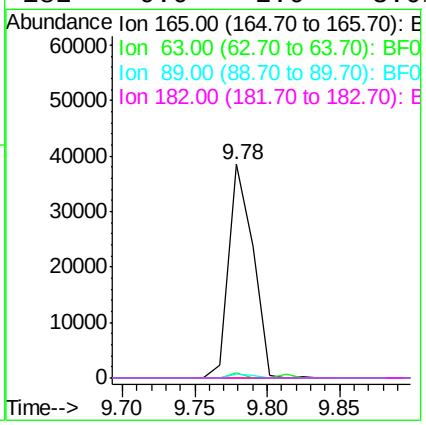


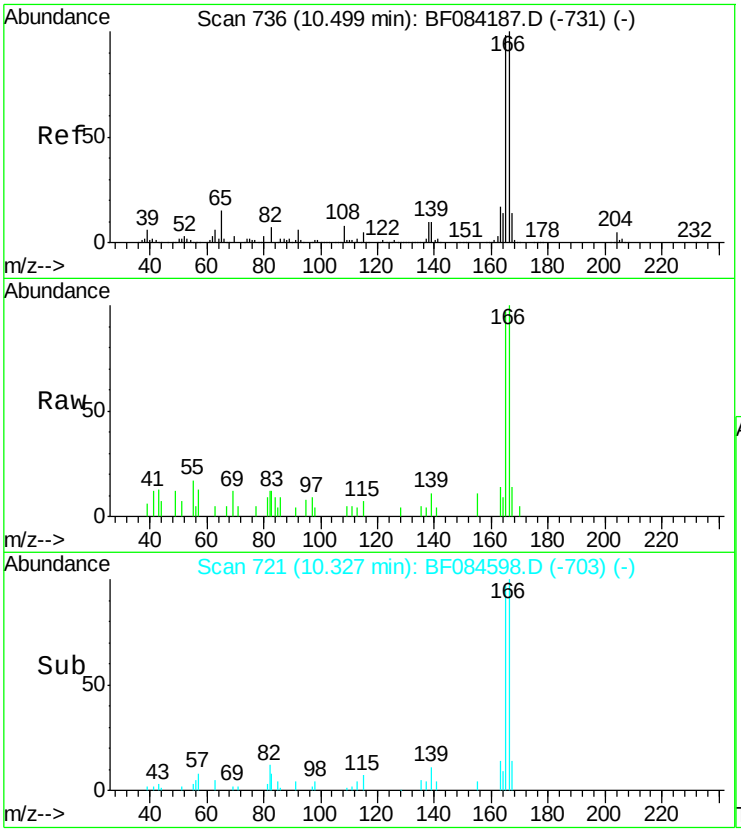


#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.29 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:165 Resp: 44766

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#



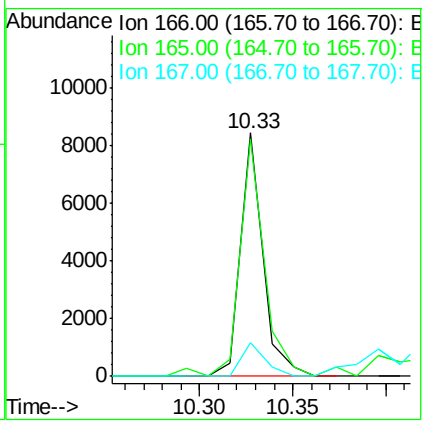


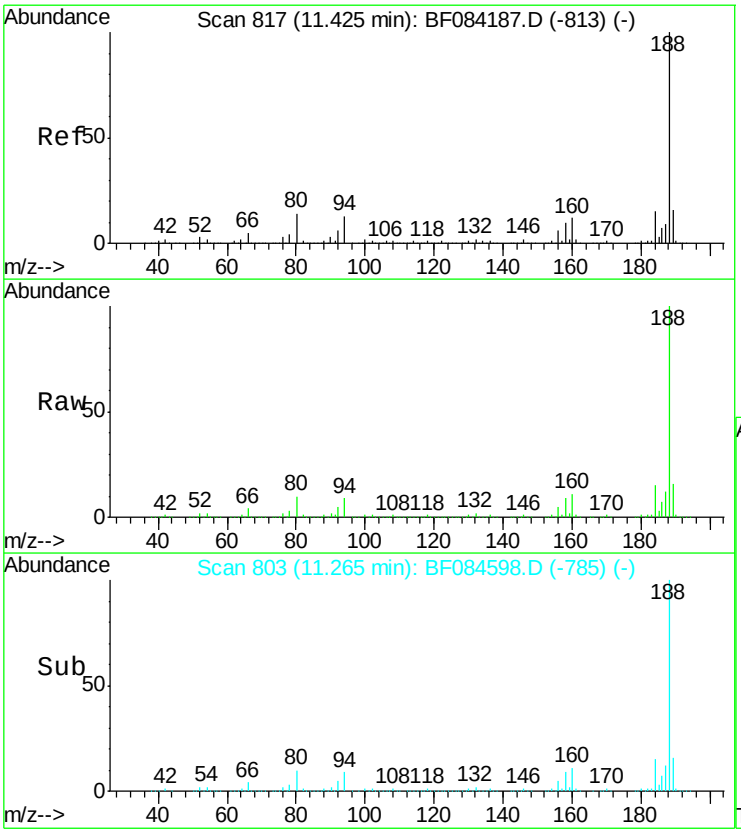
#57
Fluorene
Concen: Below Cal
RT: 10.33 min Scan# 721
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:166 Resp: 7059

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.1	118.7
167	13.6	10.4	15.6

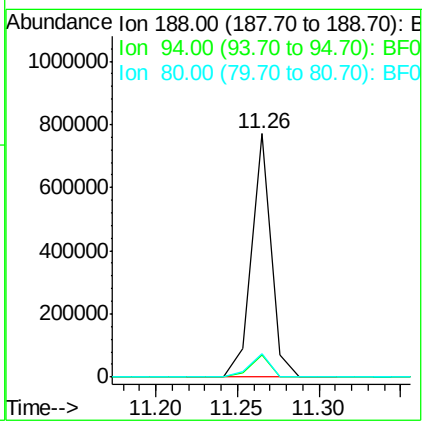


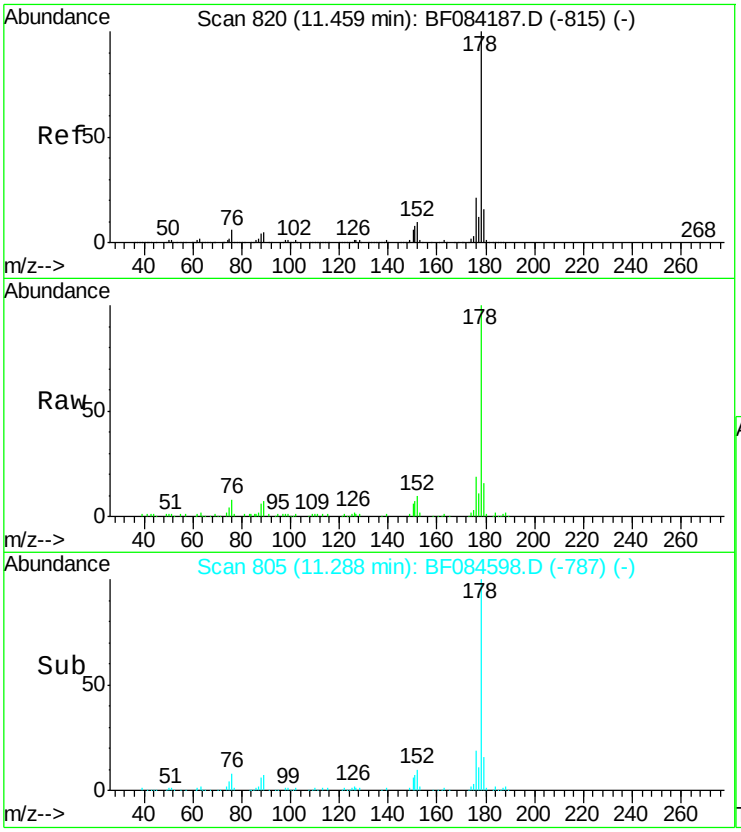


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:188 Resp: 642948

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.9	9.6	14.4



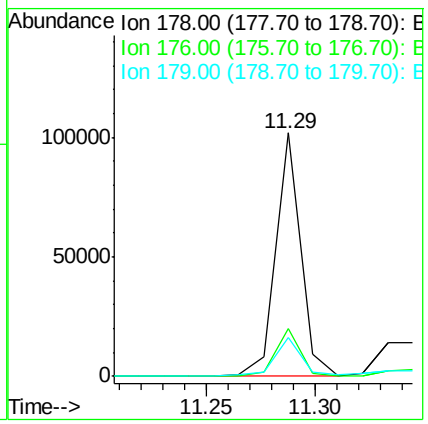


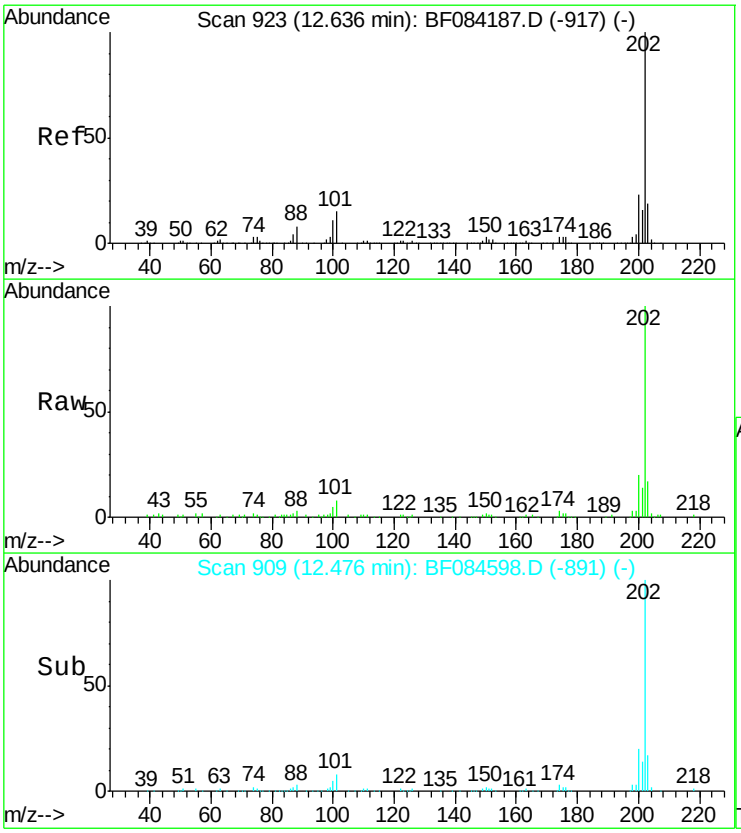
#70
Phenanthrene
Concen: 2.46 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:178 Resp: 82713

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.9	12.0	18.0

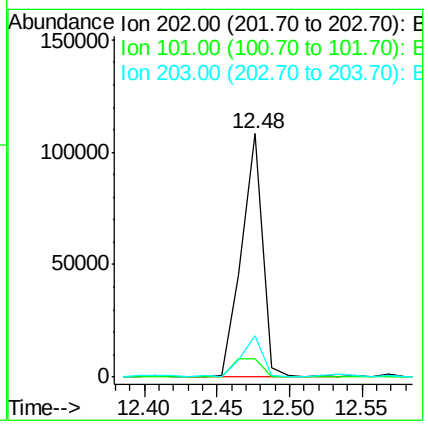


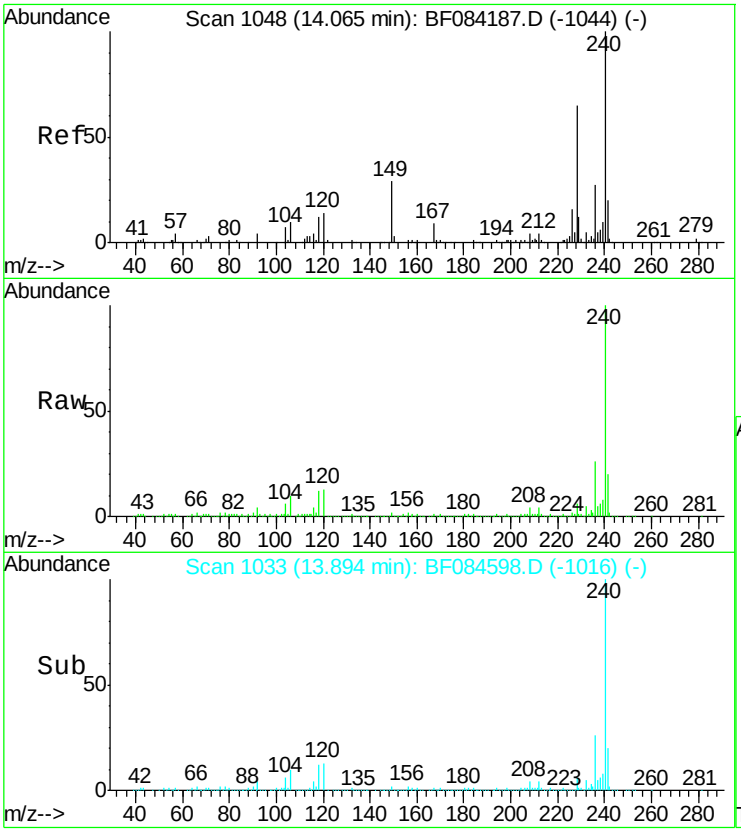


#74
Fluoranthene
Concen: 3.14 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:202 Resp: 110256

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	32.8
203	16.8	0.0	37.9



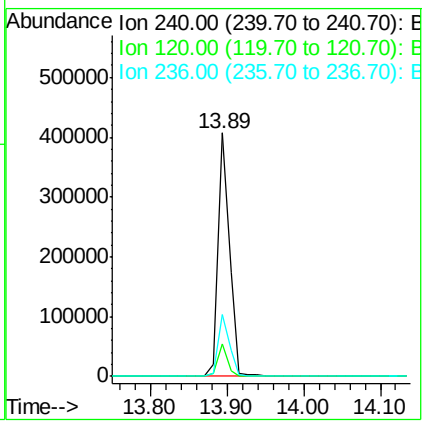


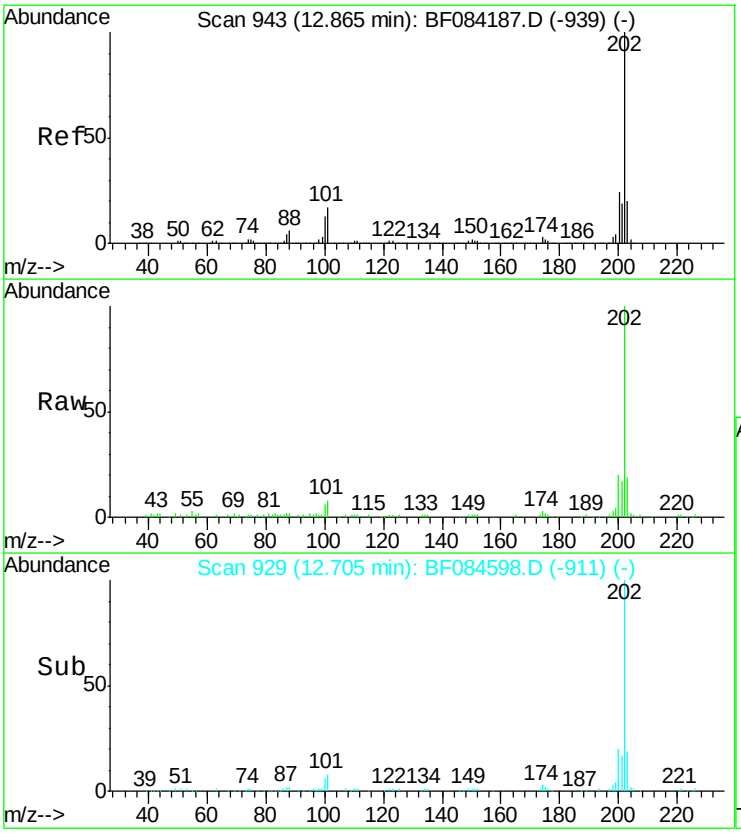
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.10 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:240 Resp: 423613

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.6	20.6	31.0

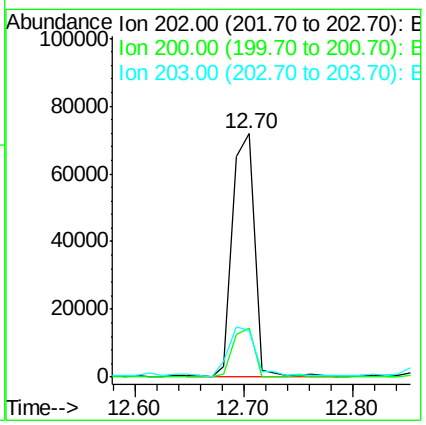


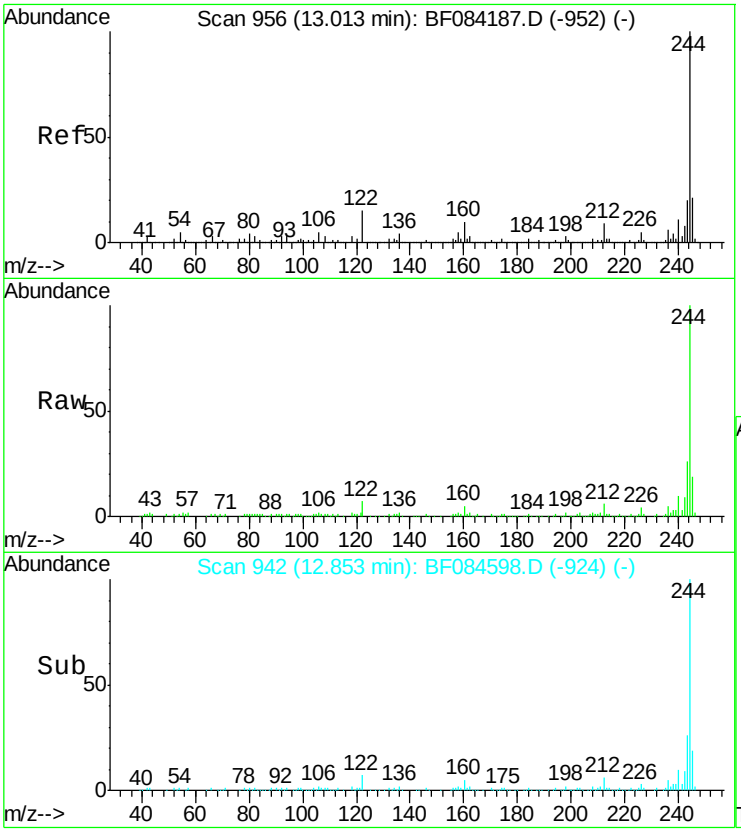


#77
Pyrene
Concen: 3.02 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:202 Resp: 100351

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.2	25.8
203	19.0	14.3	21.5



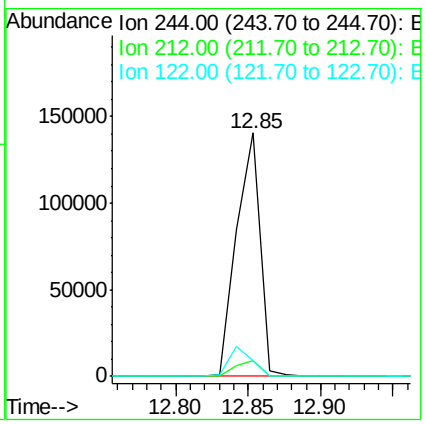


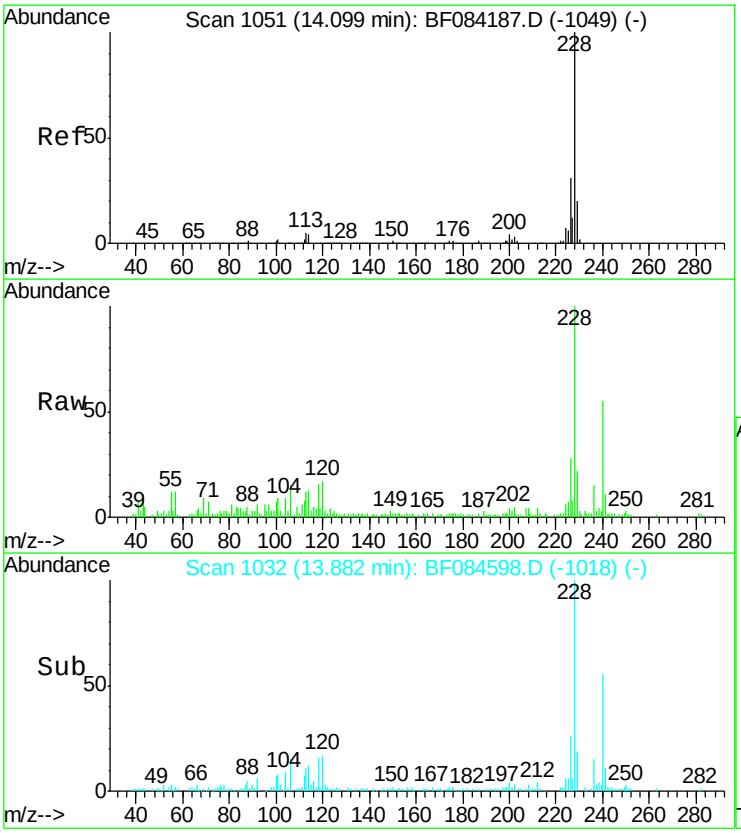
#78
Terphenyl-d14
Concen: 8.31 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:244 Resp: 157640

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	6.6	7.4	11.0#

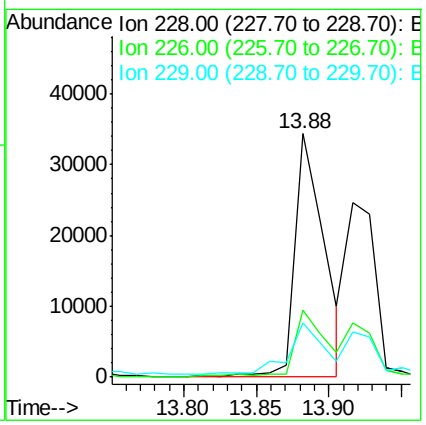


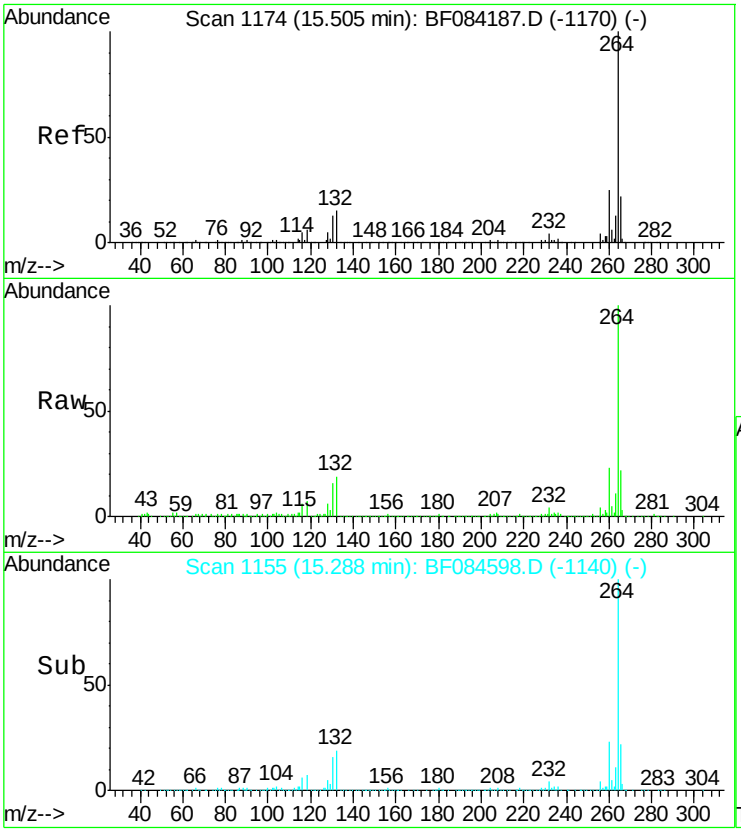


#82
Chrysene
Concen: 2.03 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.14 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:228 Resp: 48406

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.3	36.5
229	22.2	16.1	24.1



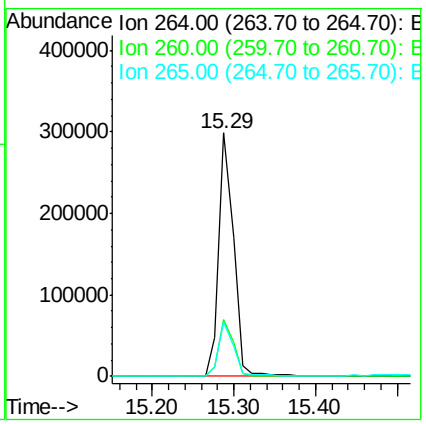


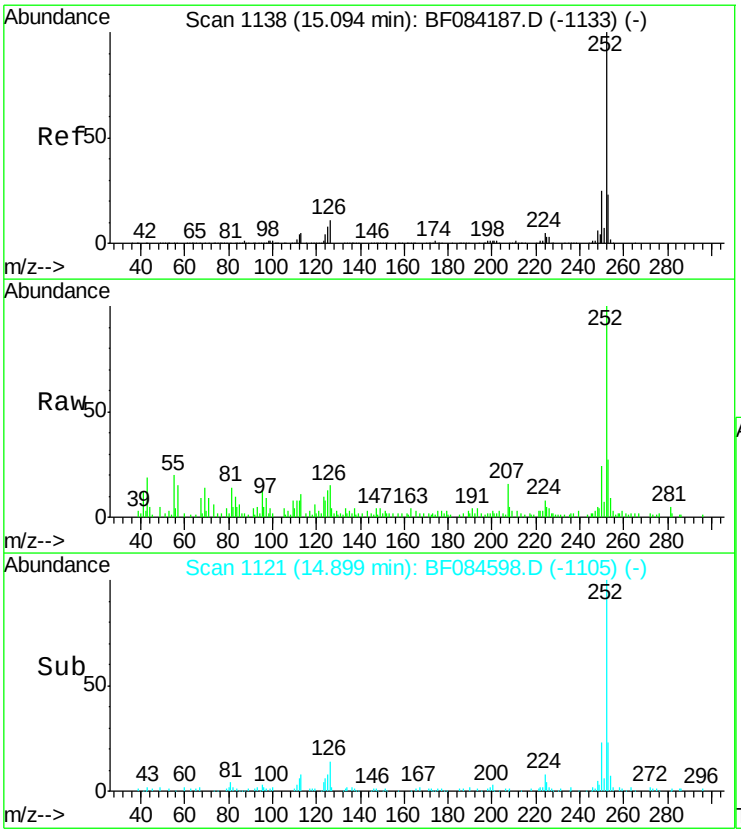
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:264 Resp: 374849

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.0	17.8	26.6

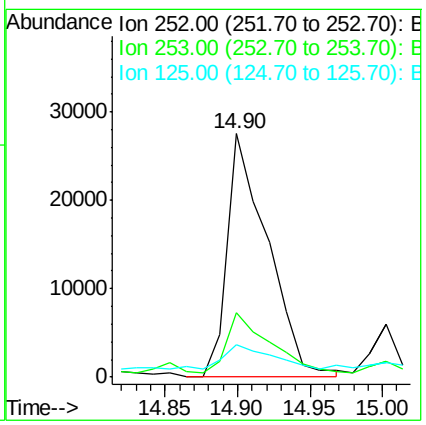


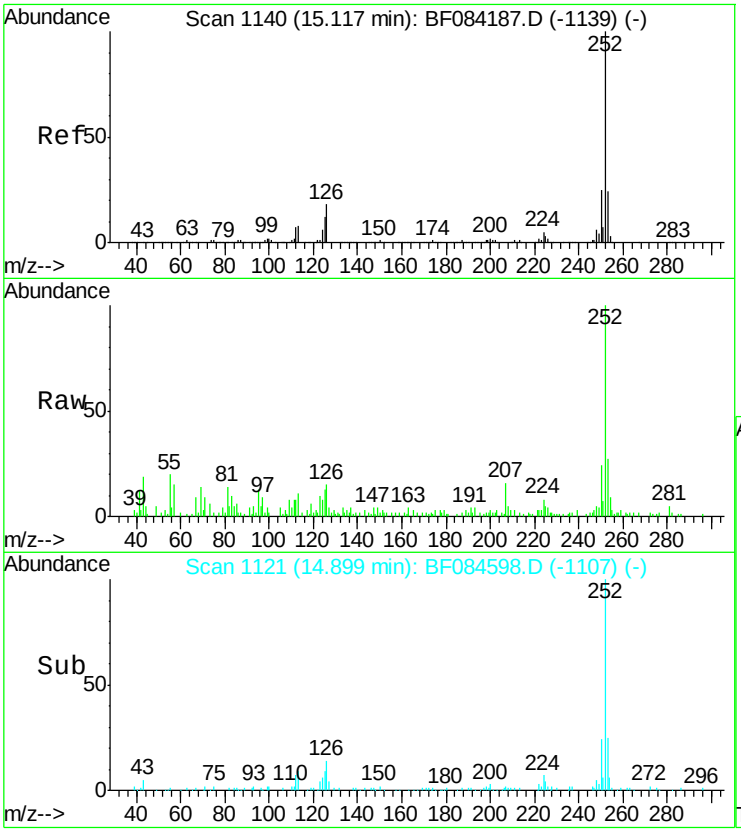


#87
Benzo(b)fluoranthene
Concen: 2.18 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.11 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion:252 Resp: 53465

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.3	25.9#
125	13.3	6.5	9.7#





#88
Benzo(k)fluoranthene
Concen: 2.67 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.14 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:252 Resp: 53465

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.1	27.1
125	13.3	9.0	13.6