Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084599.D
Acq On : 22 Jan 2016 19:46
Operator : SJ/IZ
Sample : H1127-02 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2

Quant Time: Jan 22 22:14:26 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	88769	20.00	ng		0.07
21) Naphthalene-d8	8.03	136	799478	20.00	ng		-0.09
38) Acenaphthene-d10	9.78	164	337415	20.00	ng		-0.09
63) Phenanthrene-d10	11.26	188	606304	20.00	ng		-0.09
75) Chrysene-d12	13.89	240	406911	20.00	ng		-0.10
86) Perylene-d12	15.29	264	374965	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	179278	32.67	ng		-0.10
7) Phenol-d6	6.38	99	244228	35.43	ng		-0.09
23) Nitrobenzene-d5	7.31	82	142697	9.93	ng		-0.09
41) 2,4,6-Tribromophenol	10.57	330	45285	13.29	ng		-0.10
44) 2-Fluorobiphenyl	9.10	172	232991	6.29	ng		-0.09
78) Terphenyl-d14	12.85	244	166939	9.16	ng		-0.09
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	17384	3.73	ng	#	72
50) 2,6-Dinitrotoluene	9.78	165	43706	8.26	ng	#	37
54) Dibenzofuran	9.98	168	6493	Below Cal		#	91
56) 2,4-Dinitrotoluene	9.78	165	43942	6.56	ng	#	21
57) Fluorene	10.33	166	10021	Below Cal		#	96
70) Phenanthrene	11.29	178	78907	2.49	ng		97
73) Di-n-butylphthalate	11.84	149	2846	Below Cal		#	82
74) Fluoranthene	12.48	202	90222	2.72	ng		94
77) Pyrene	12.70	202	82259	2.58	ng		96
88) Benzo(k)fluoranthene	14.90	252	47760	2.38	ng	#	86

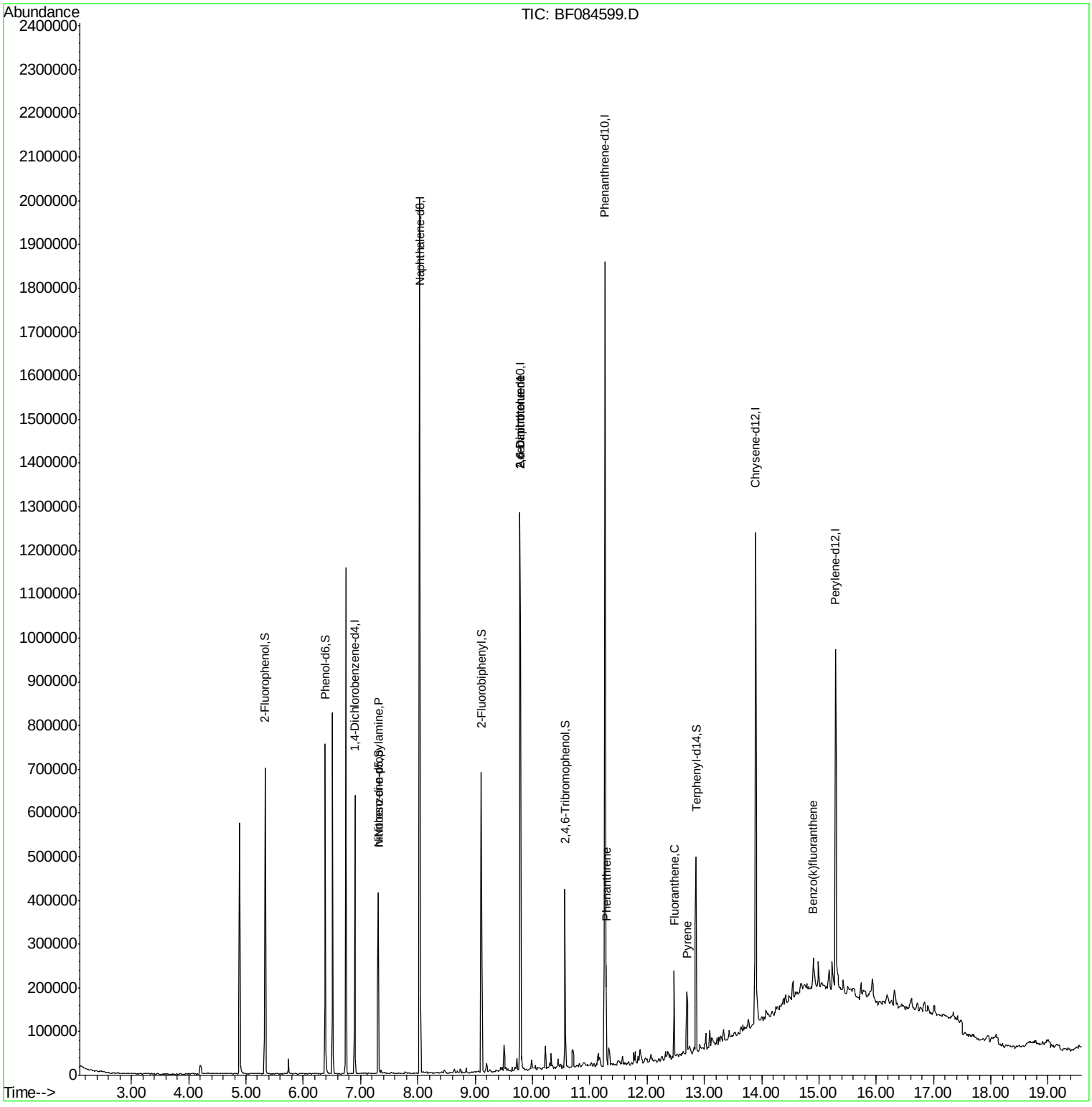
(#) = qualifier out of range (m) = manual integration (+) = signals summed

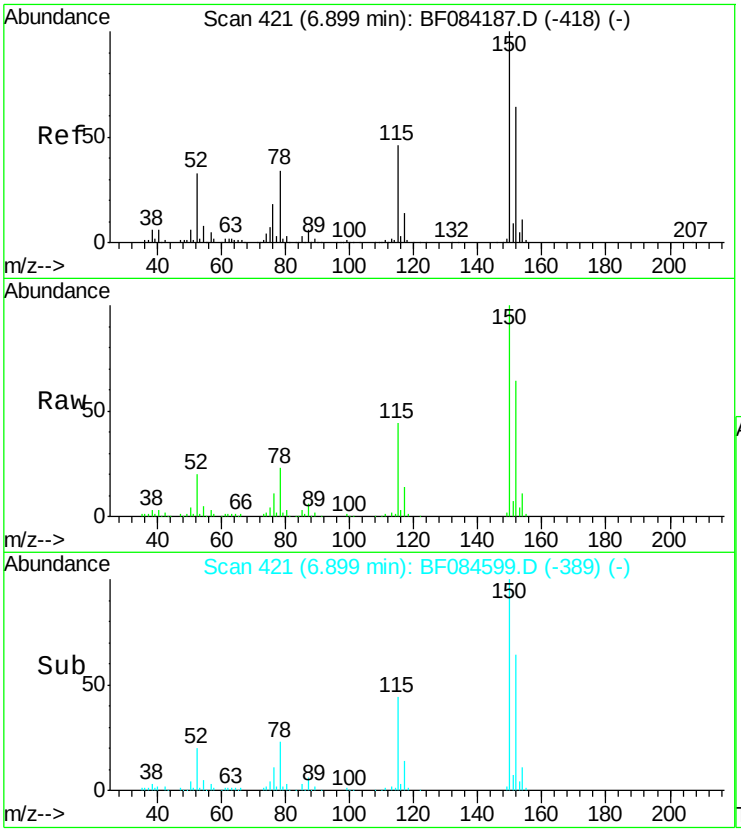
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084599.D
Acq On : 22 Jan 2016 19:46
Operator : SJ/IZ
Sample : H1127-02 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

Quant Time: Jan 22 22:14:26 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



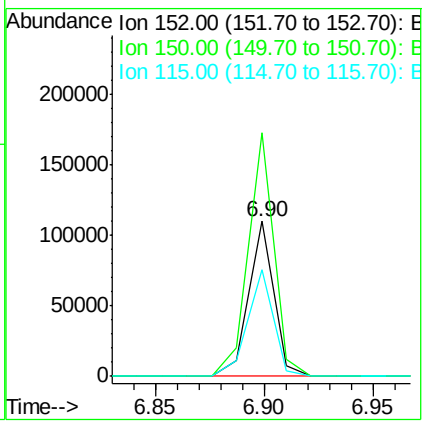


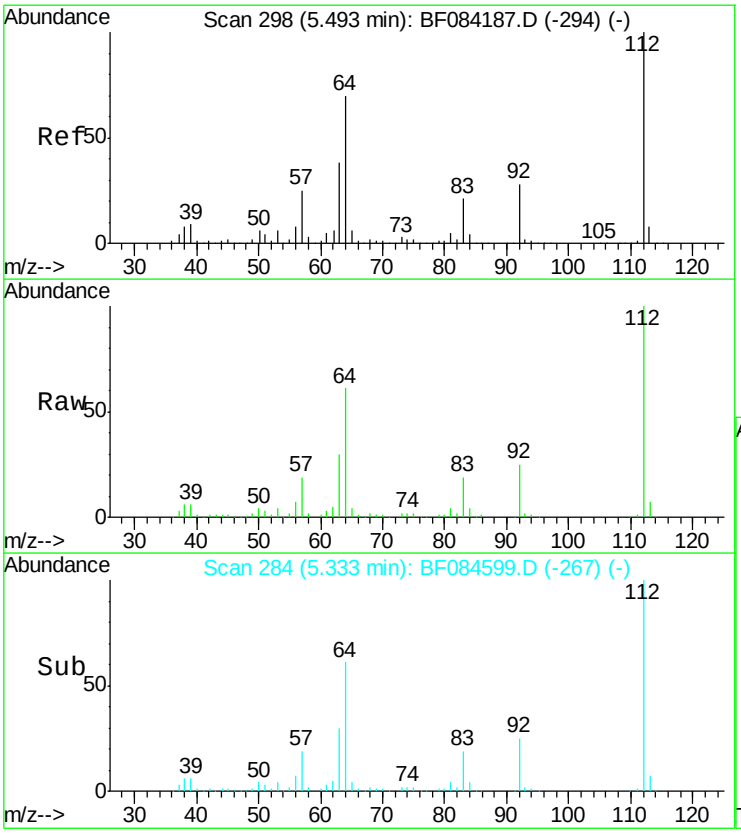
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.07 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:152 Resp: 88769

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.4
115	68.5	51.4	77.2

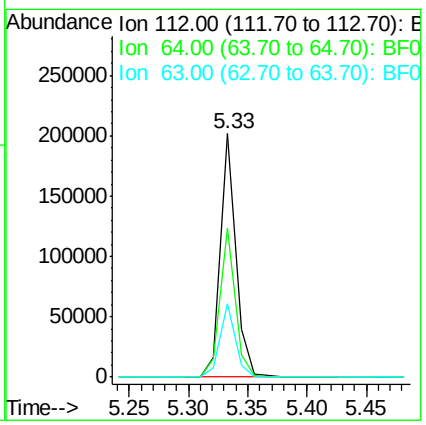


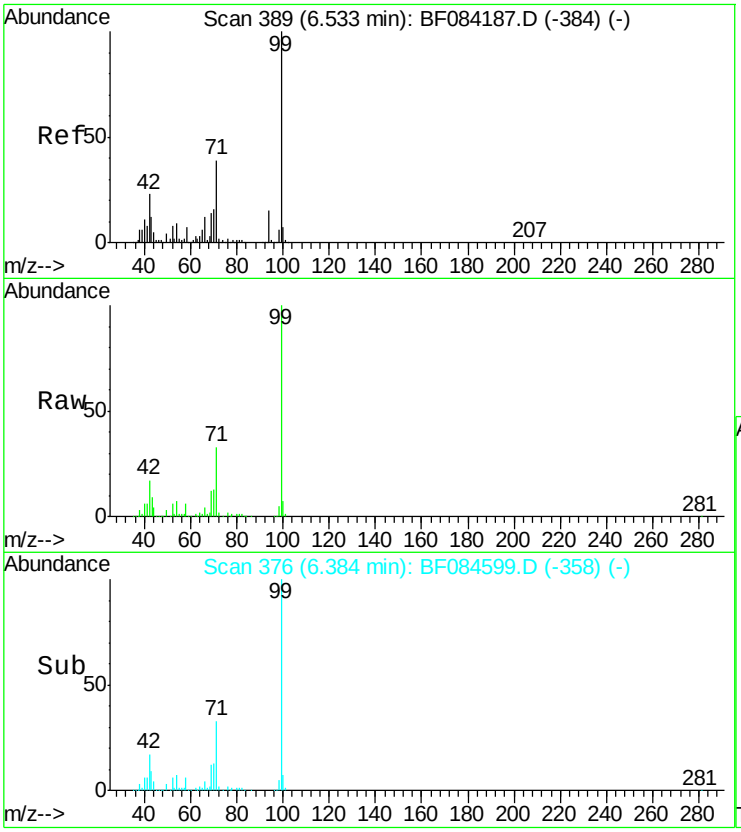


#5
2-Fluorophenol
Concen: 32.67 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.10 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:112 Resp: 179278

Ion	Ratio	Lower	Upper
112	100		
64	61.3	36.6	55.0#
63	30.1	19.4	29.0#



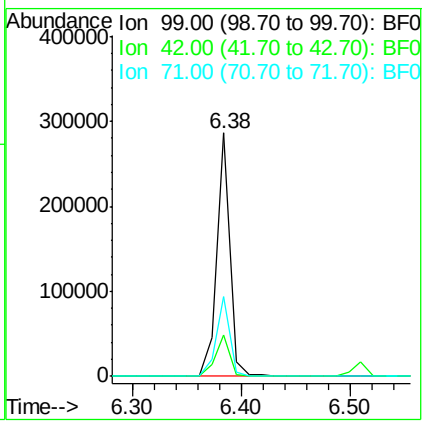


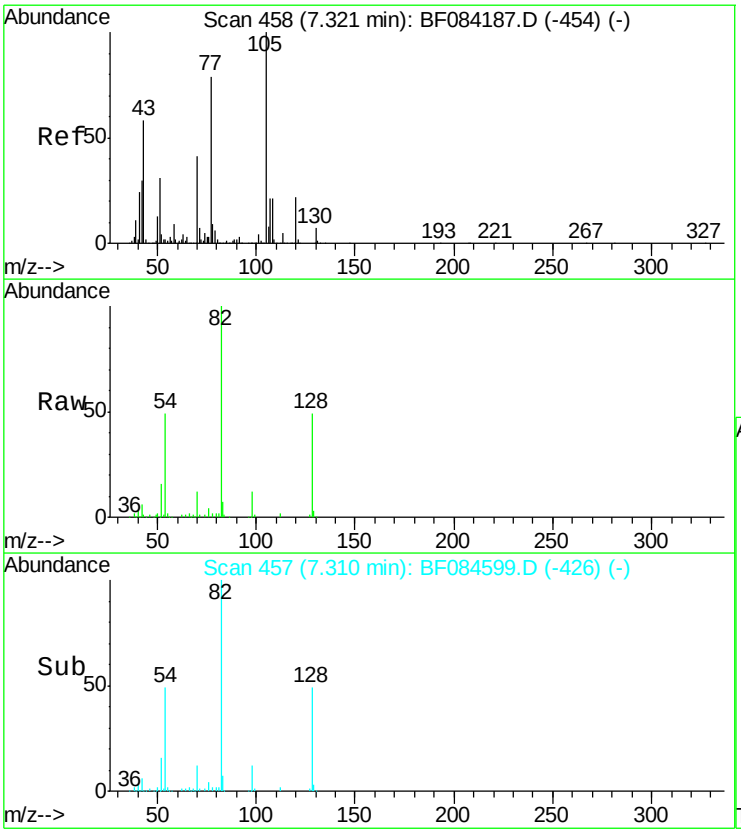
#7
Phenol-d6
Concen: 35.43 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion: 99 Resp: 244228

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.8	19.2
71	32.6	30.9	46.3

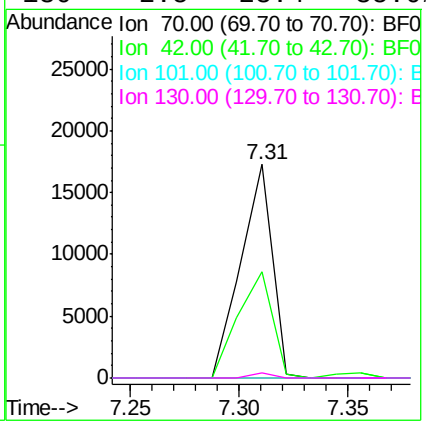


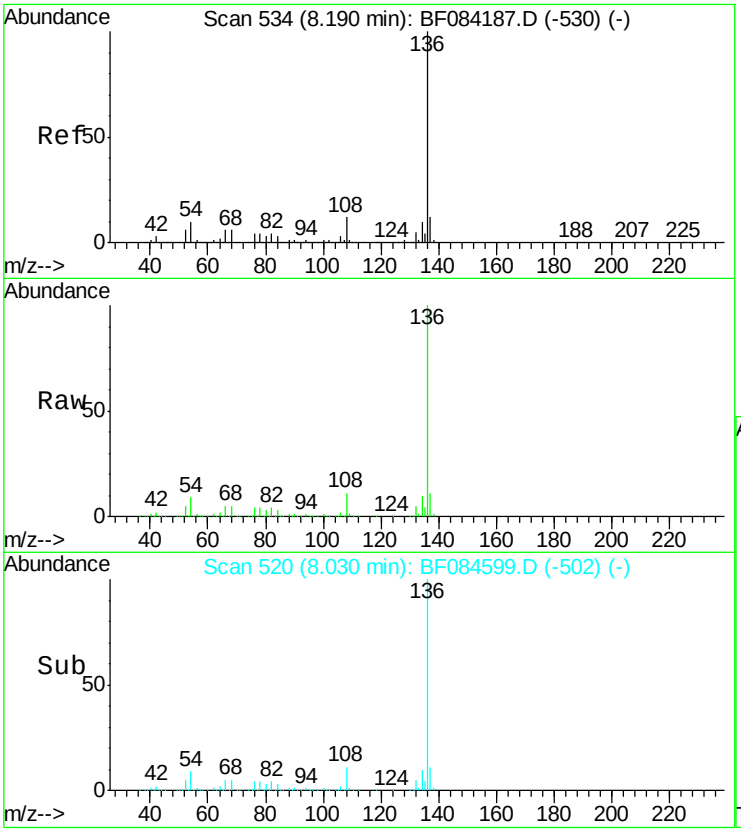


#19
n-Nitroso-di-n-propylamine
Concen: 3.73 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.06 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion: 70 Resp: 17384

Ion	Ratio	Lower	Upper
70	100		
42	49.8	33.3	49.9
101	0.0	9.3	13.9#
130	2.5	23.4	35.0#



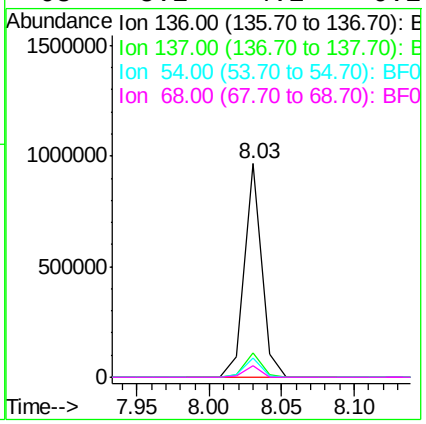


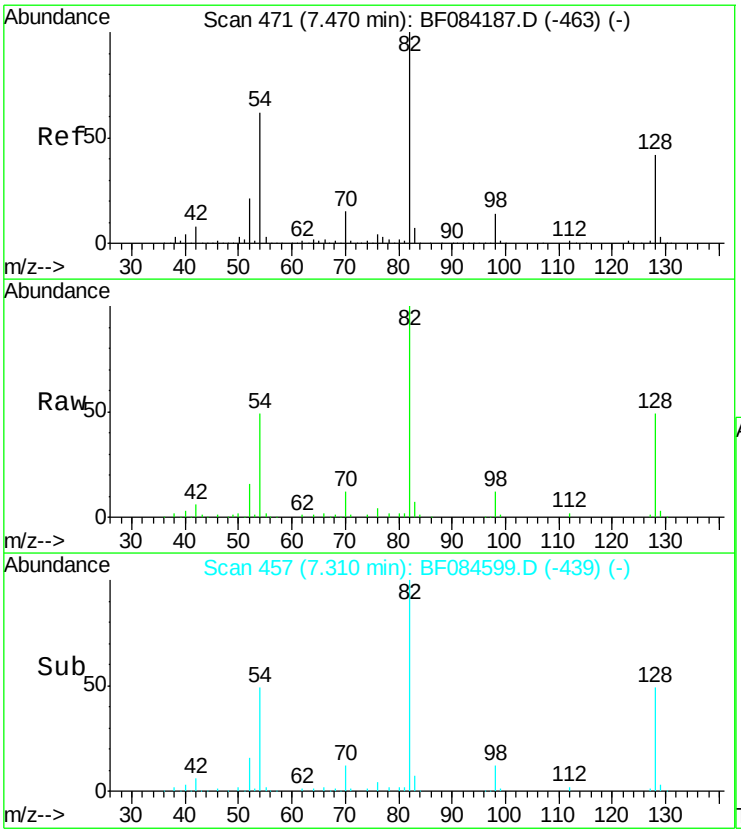
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:136 Resp: 799478

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.3	5.8	8.8#
68	5.2	4.2	6.2

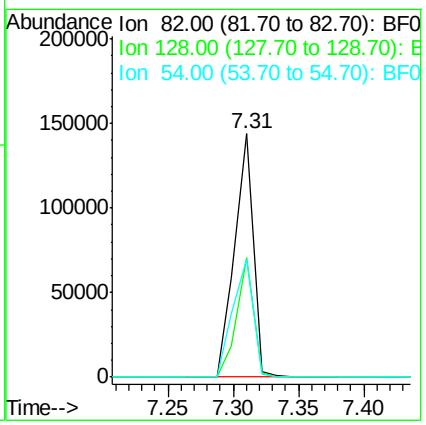


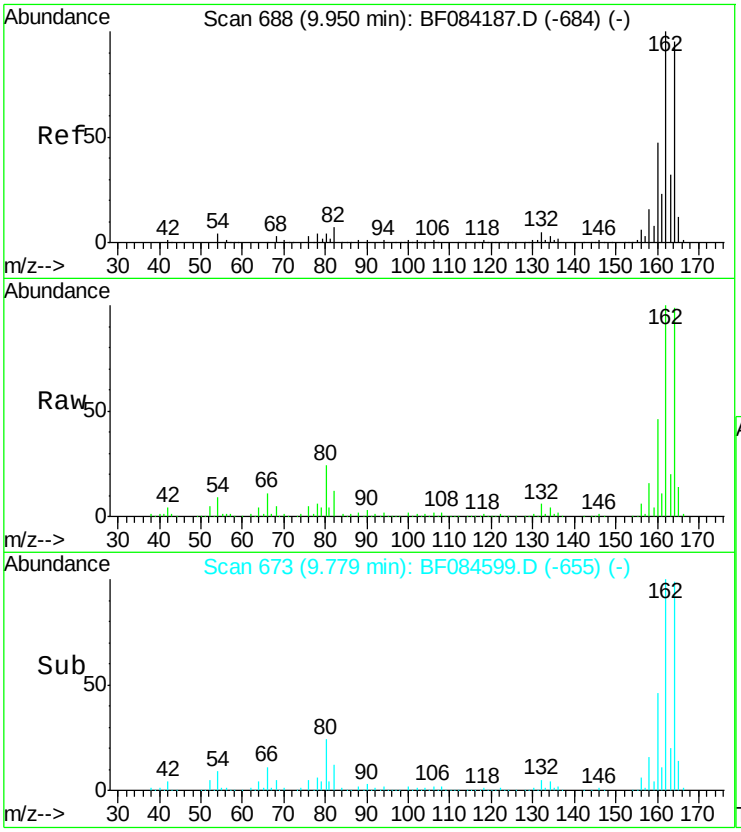


#23
Nitrobenzene-d5
Concen: 9.93 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion: 82 Resp: 142697

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.6	51.8
54	48.8	38.4	57.6



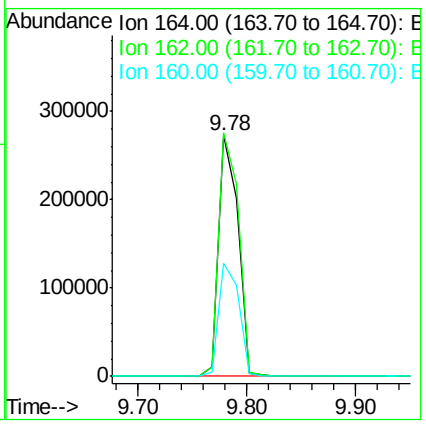


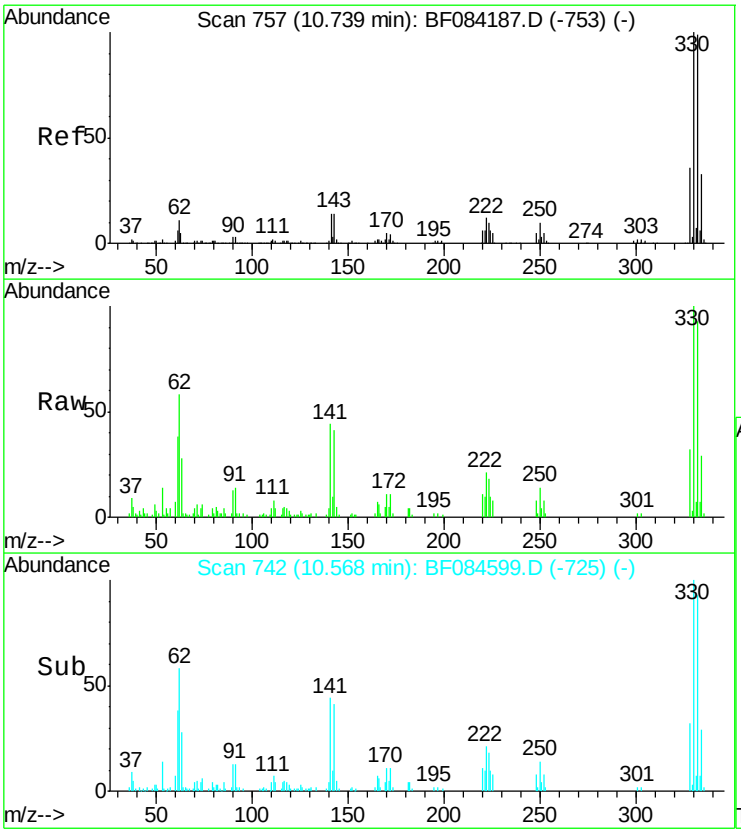
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:164 Resp: 337415

Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.1	127.7
160	46.8	37.5	56.3

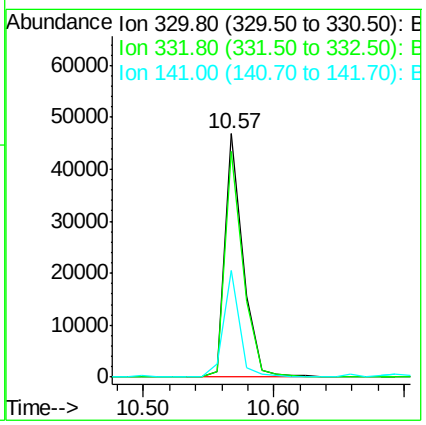


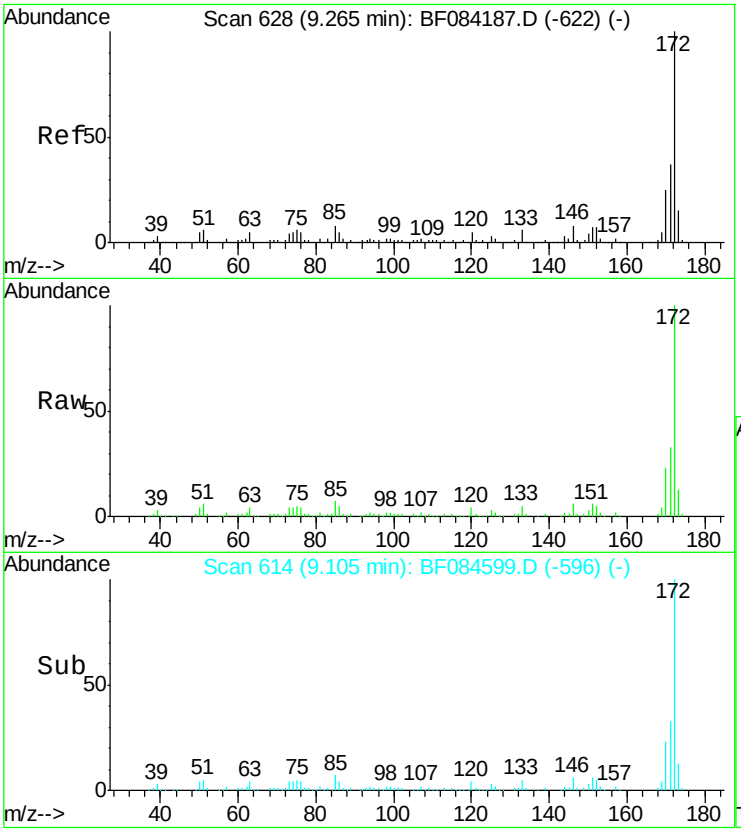


#41
2,4,6-Tribromophenol
Concen: 13.29 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.10 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:330 Resp: 45285

Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.6	114.8
141	39.3	27.8	41.6



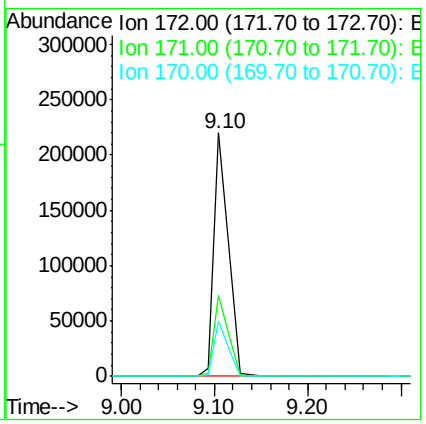


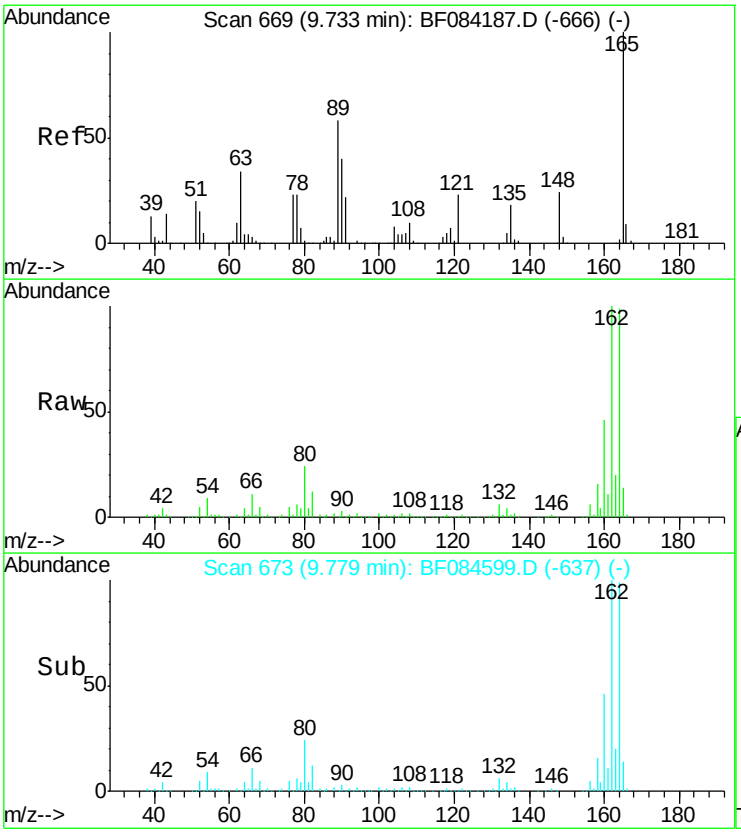
#44
2-Fluorobiphenyl
Concen: 6.29 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:172 Resp: 232991

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.9	43.3
170	22.7	18.6	27.8

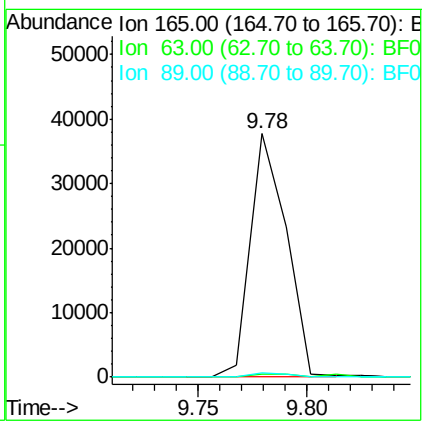


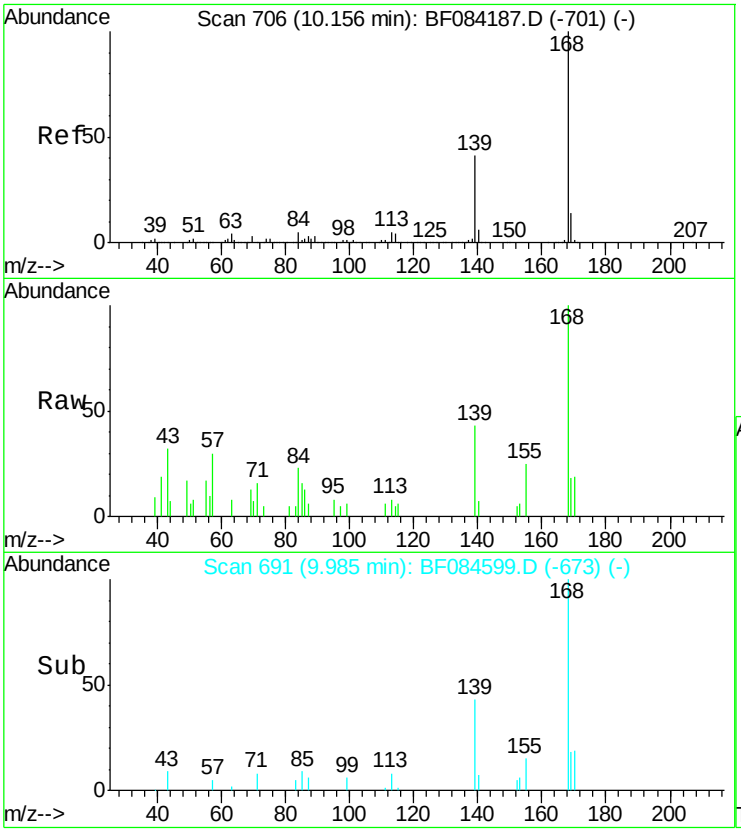


#50
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.11 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:165 Resp: 43706

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.5	35.1	52.7#



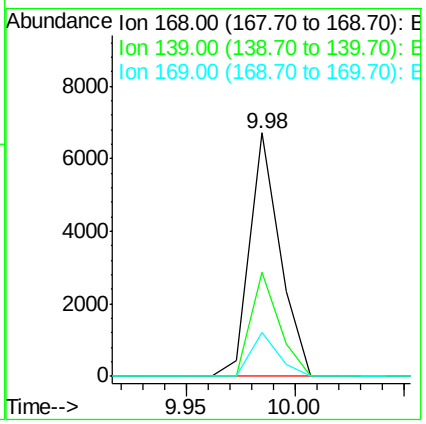


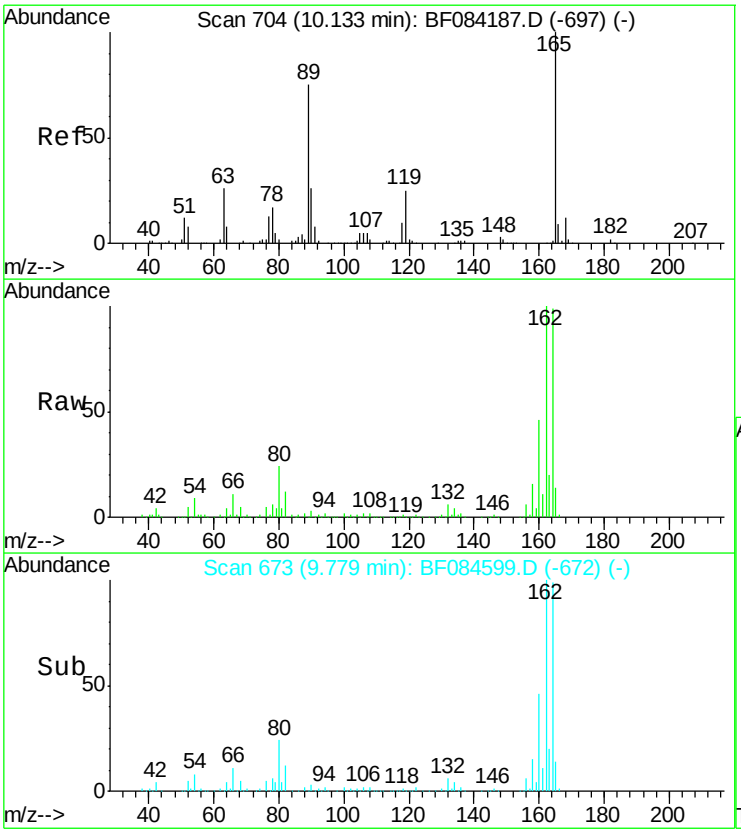
#54
Dibenzofuran
Concen: Below Cal
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:168 Resp: 6493

Ion	Ratio	Lower	Upper
168	100		
139	43.0	30.5	45.7
169	17.9	10.4	15.6#

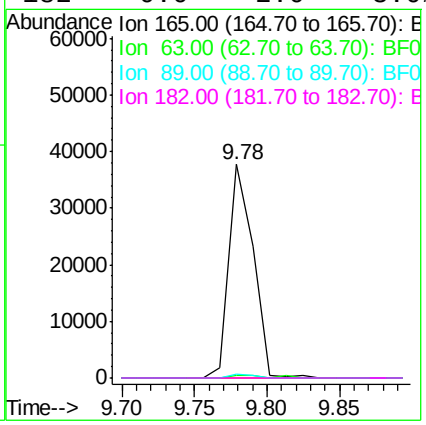


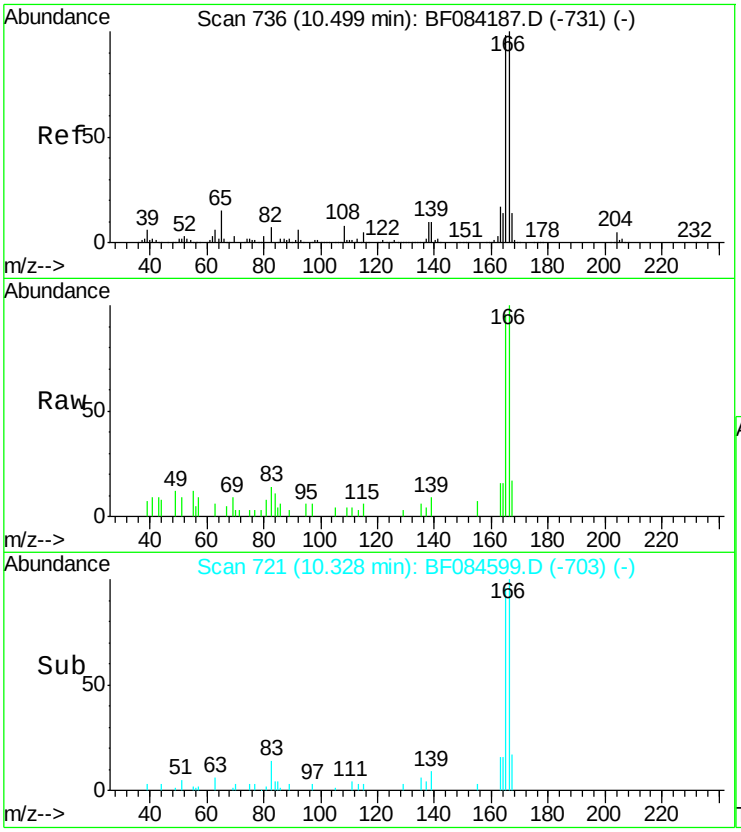


#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.29 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:165 Resp: 43942

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



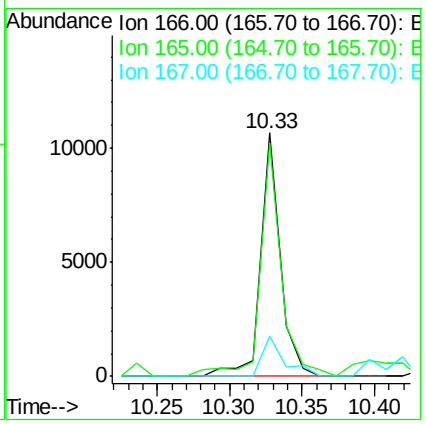


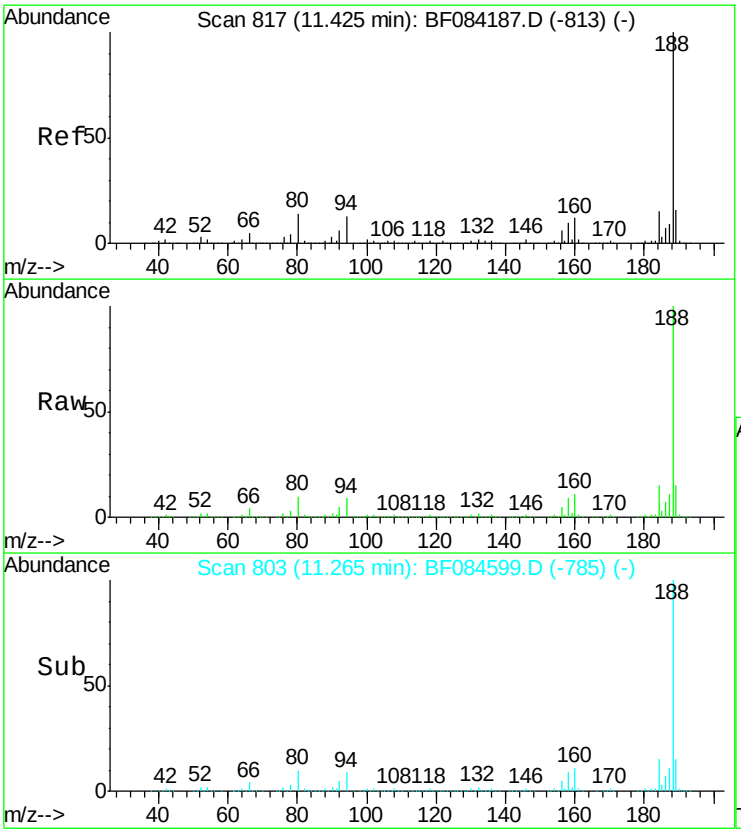
#57
Fluorene
Concen: Below Cal
RT: 10.33 min Scan# 721
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:166 Resp: 10021

Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.1	118.7
167	16.6	10.4	15.6#

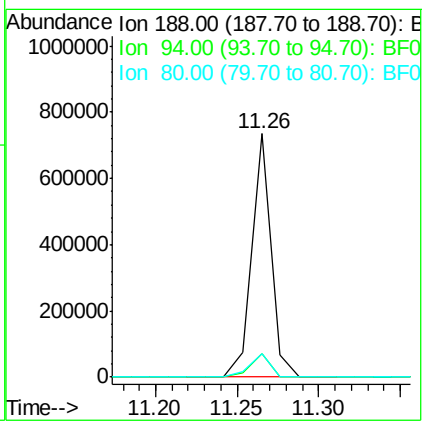


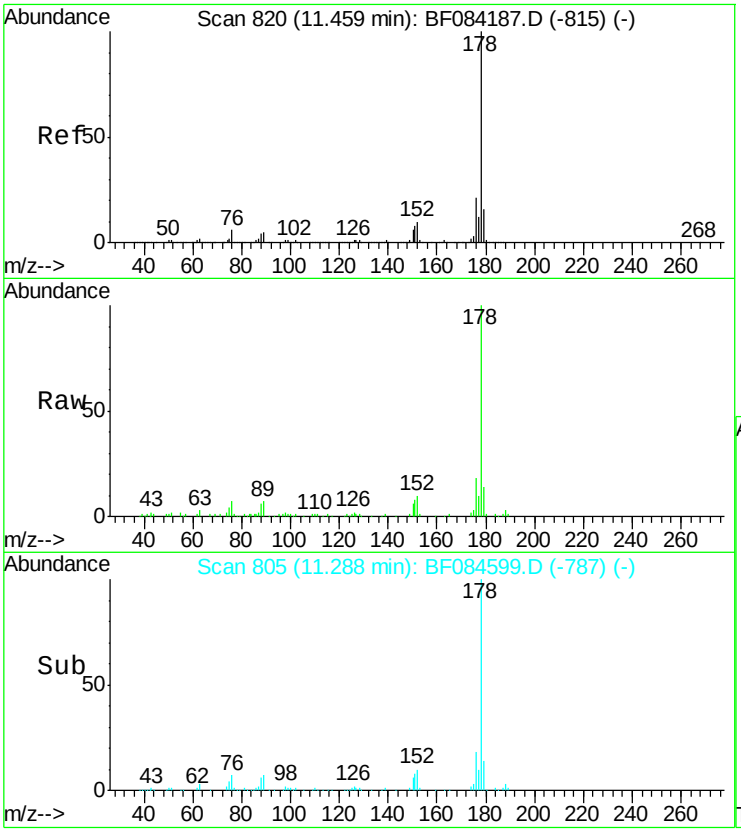


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:188 Resp: 606304

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.7	9.6	14.4



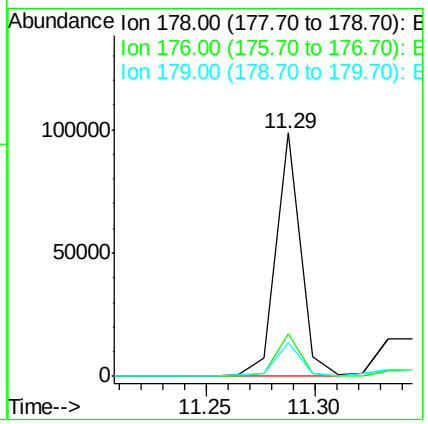


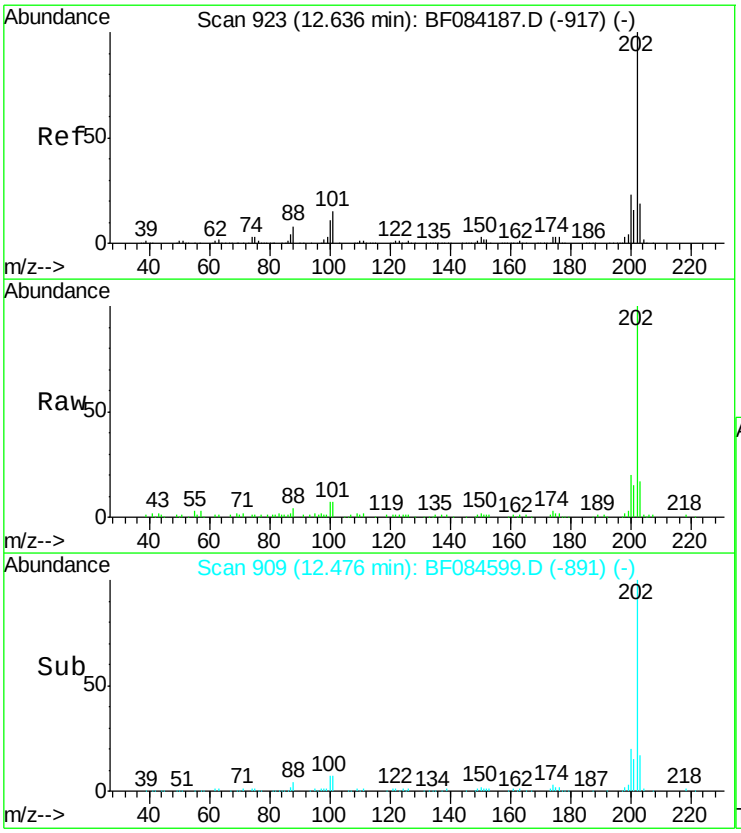
#70
Phenanthrene
Concen: 2.49 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:178 Resp: 78907

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.3	22.9
179	13.8	12.0	18.0

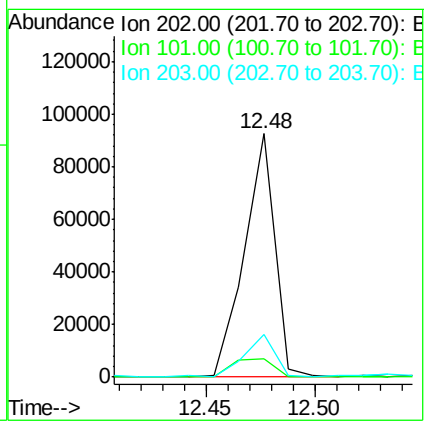


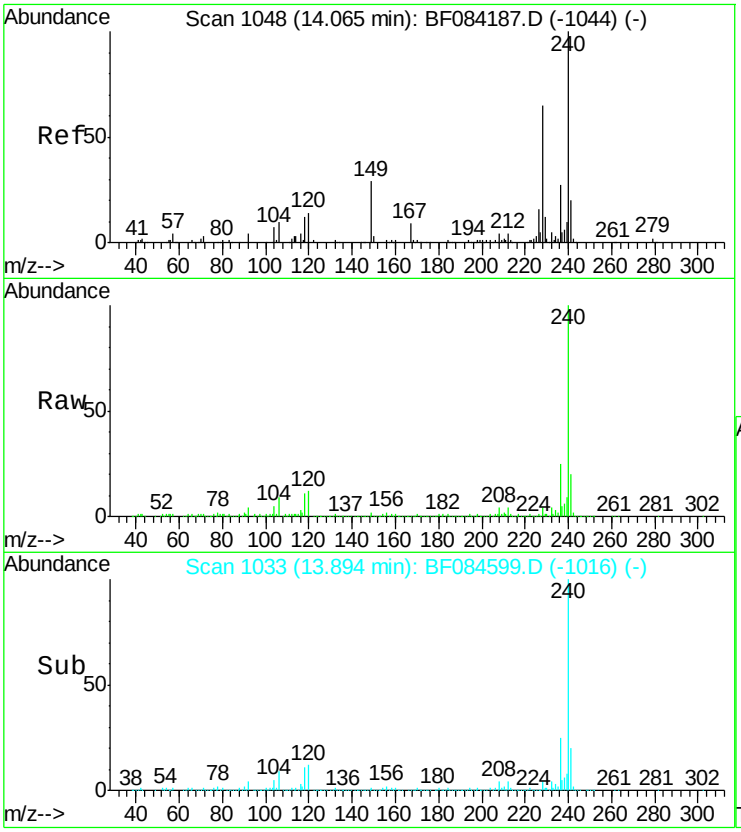


#74
Fluoranthene
Concen: 2.72 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:202 Resp: 90222

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	32.8
203	17.4	0.0	37.9



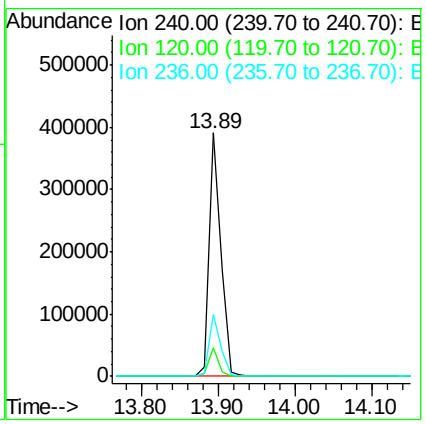


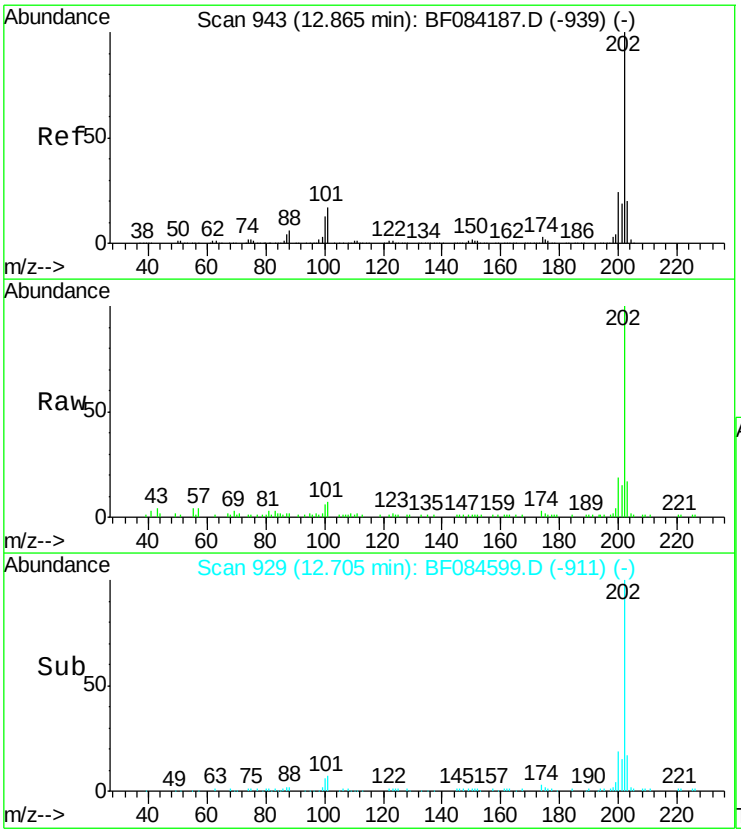
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.10 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:240 Resp: 406911

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.4	20.6	31.0

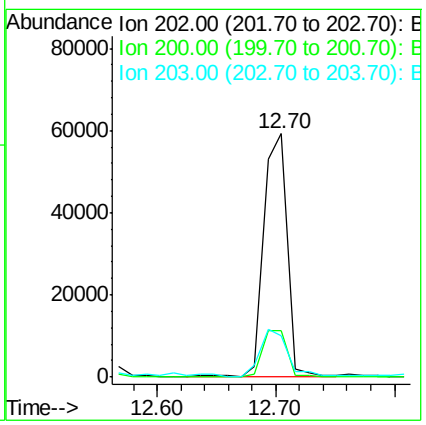


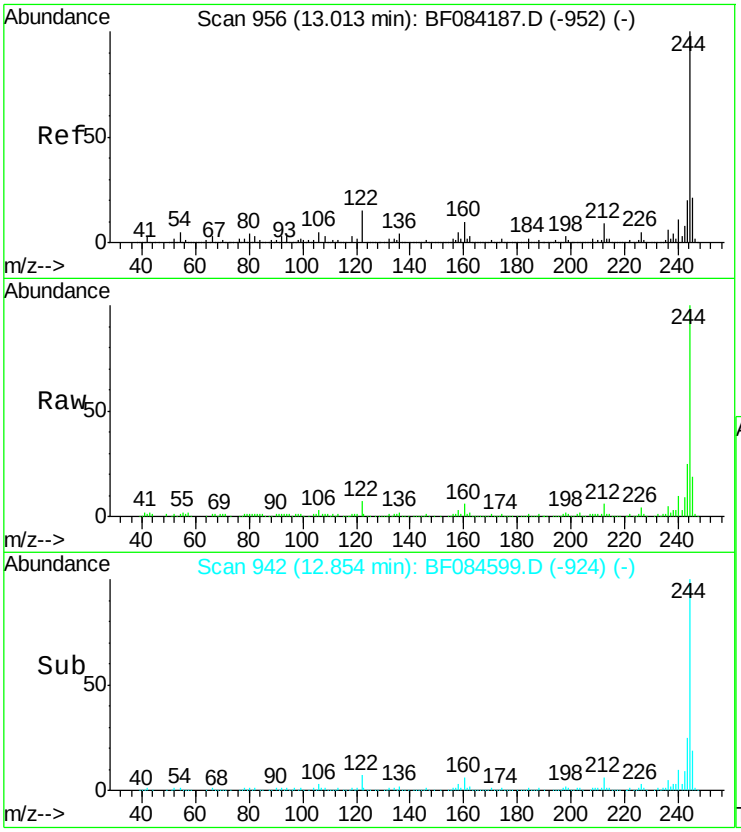


#77
Pyrene
Concen: 2.58 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:202 Resp: 82259

Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.2	25.8
203	17.0	14.3	21.5



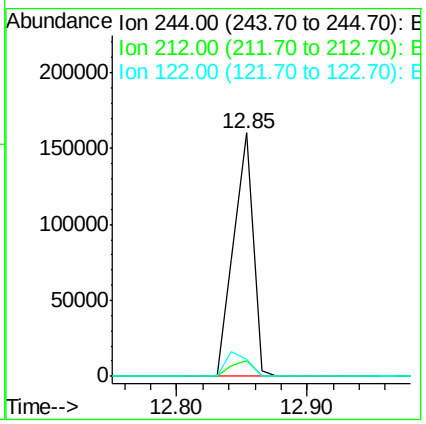


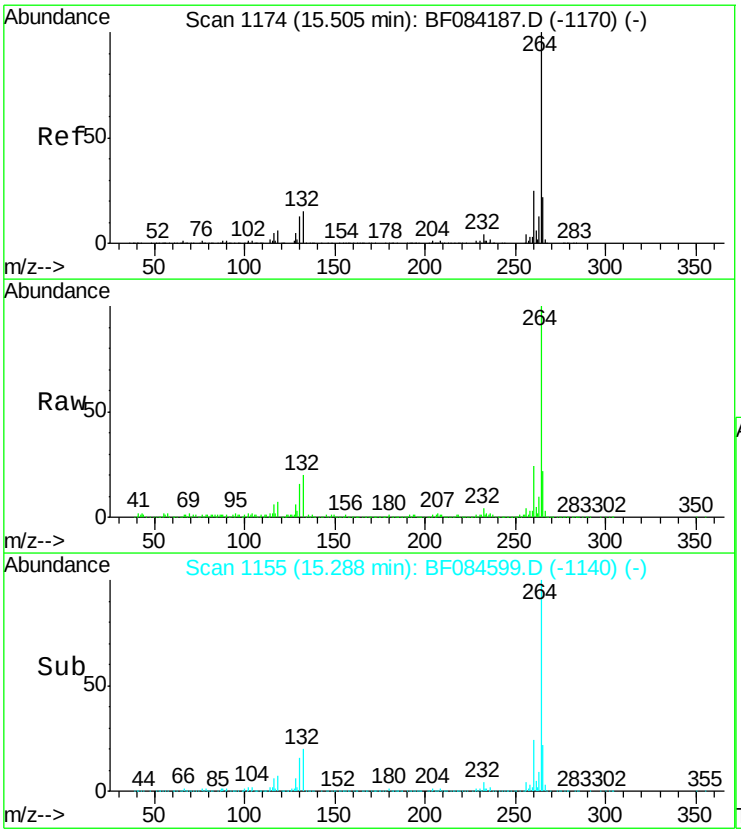
#78
Terphenyl-d14
Concen: 9.16 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:244 Resp: 166939

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.8	7.4	11.0#

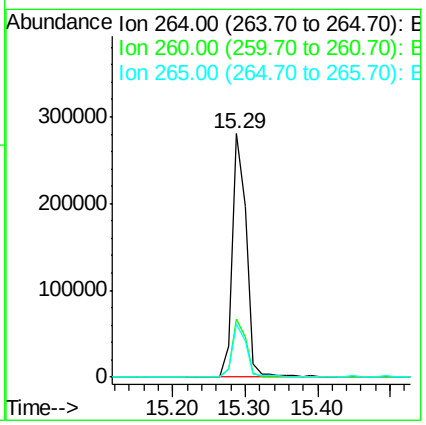


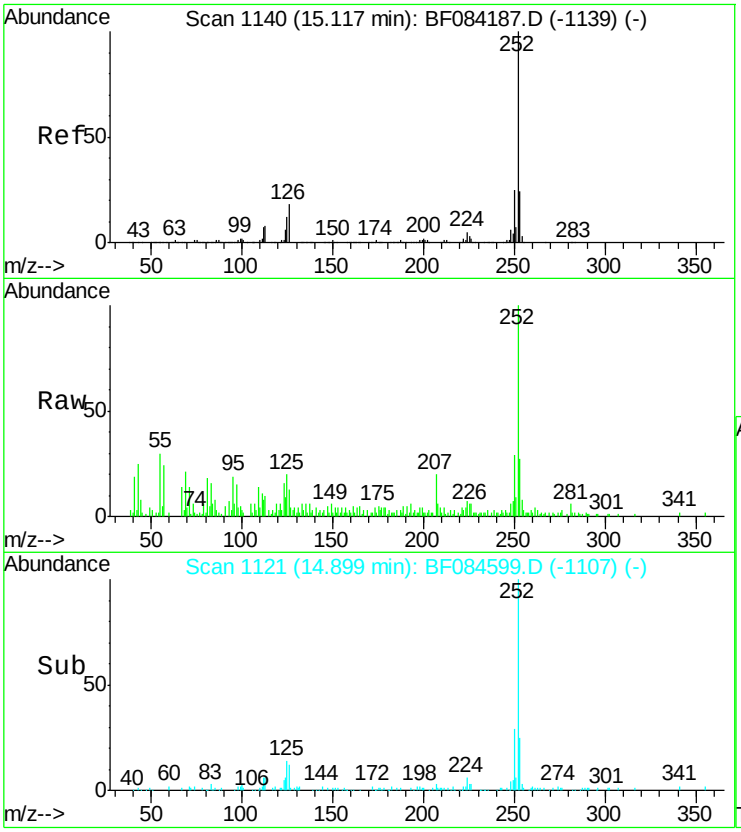


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:264 Resp: 374965

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.8	17.8	26.6





#88
Benzo(k)fluoranthene
Concen: 2.38 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.14 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:252 Resp: 47760

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.1	27.1#
125	19.7	9.0	13.6#