Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101784.D
Acq On : 28 Dec 2017 1:02
Operator : SJ/JU
Sample : I6686-05 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 04:13:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140503	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	530954	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	209222	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	332612	20.00	ng		0.00
75) Chrysene-d12	13.97	240	287657	20.00	ng		0.00
86) Perylene-d12	15.45	264	236812	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	486814	51.61	ng		0.01
7) Phenol-d6	6.44	99	614691	52.36	ng		0.00
23) Nitrobenzene-d5	7.36	82	349299	36.62	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	96914	48.07	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	619804	45.95	ng		0.00
78) Terphenyl-d14	12.90	244	439782	36.86	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.36	82	349296	18.255	ng	#	64
49) Dimethylphthalate	9.55	163	43089	2.560	ng	#	98
50) 2,6-Dinitrotoluene	9.83	165	28268	8.265	ng	#	26
51) Acenaphthene	9.86	154	30021	2.228	ng		99
53) 2,4-Dinitrophenol	9.86	184	516	10.698	ng	#	1
55) 4-Nitrophenol	10.04	139	10932	5.879	ng	#	16
56) 2,4-Dinitrotoluene	9.83	165	28268	7.335	ng	#	24
70) Phenanthrene	11.35	178	93803	5.071	ng		99
74) Fluoranthene	12.55	202	154922	7.979	ng		97
77) Pyrene	12.79	202	137845	6.385	ng		100
80) Benzo(a)anthracene	13.97	228	68651	3.614	ng		98
82) Chrysene	14.00	228	67181	3.746	ng		98
87) Benzo(b)fluoranthene	15.03	252	91932	6.369	ng	#	84
88) Benzo(k)fluoranthene	15.03	252	91932	6.551	ng	#	87
89) Benzo(a)pyrene	15.39	252	43983	3.305	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
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Acq On : 28 Dec 2017 1:02
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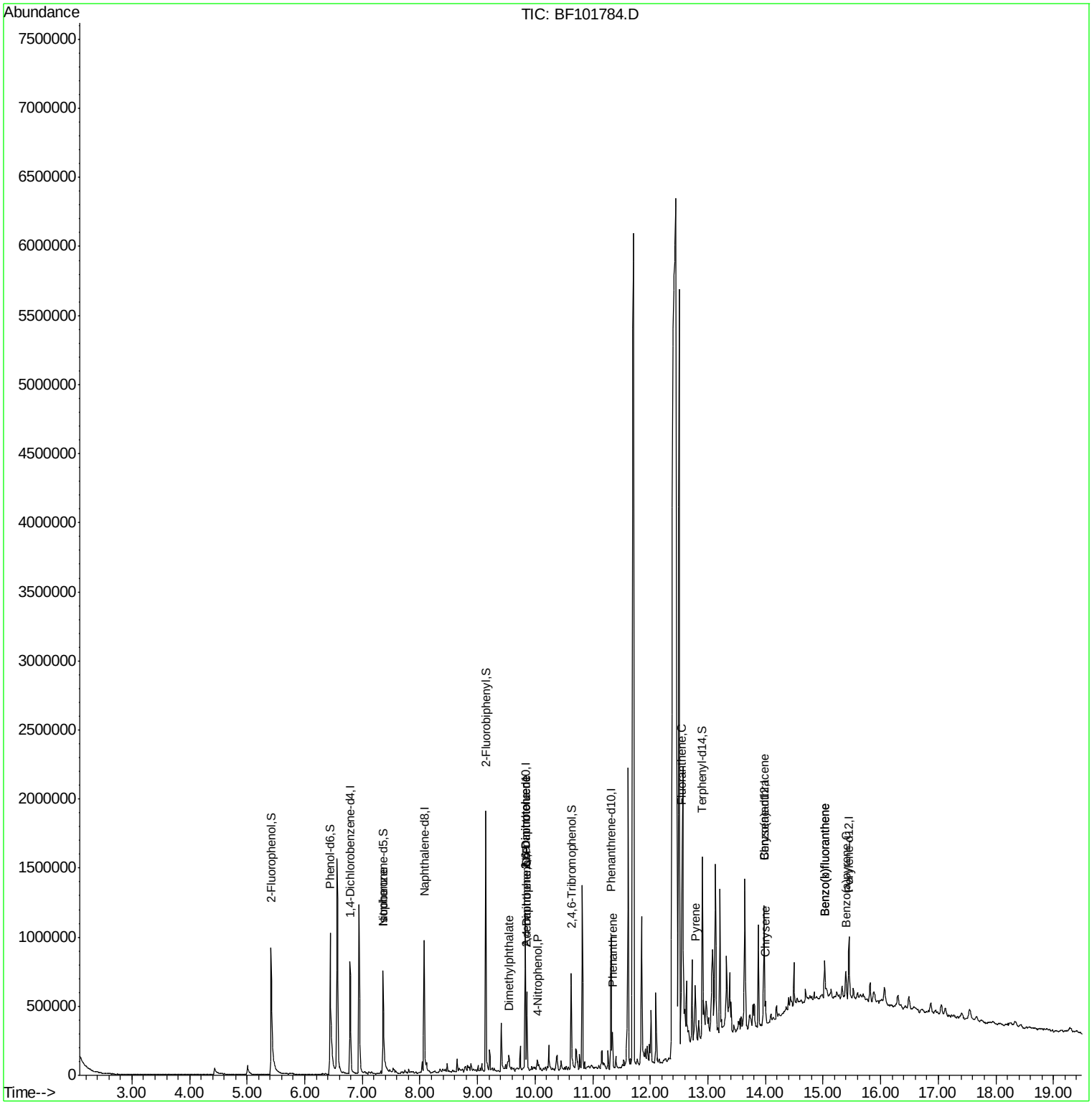
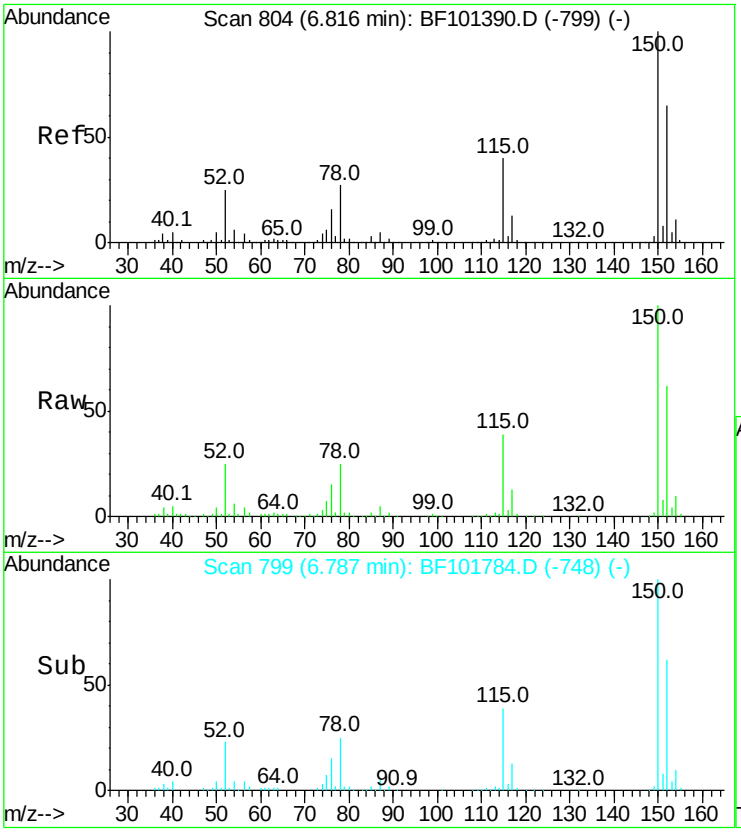
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 28 04:13:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



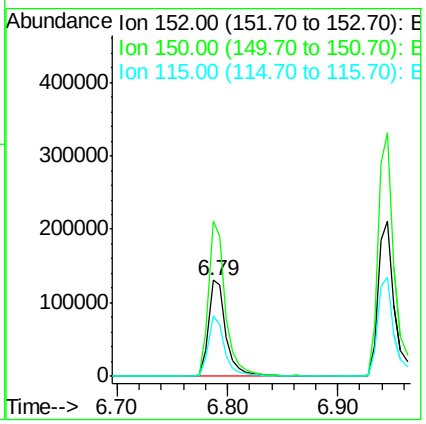


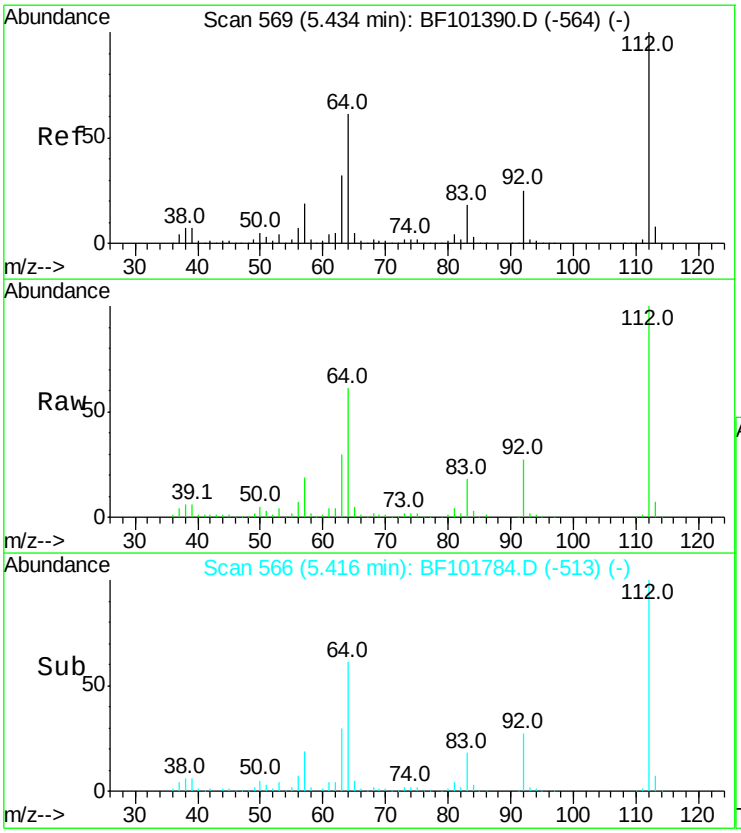
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 140503

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	63.3	50.1	75.1

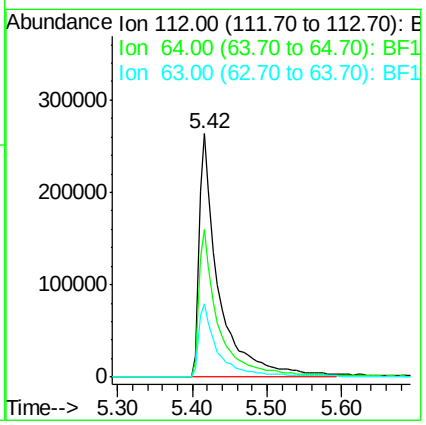


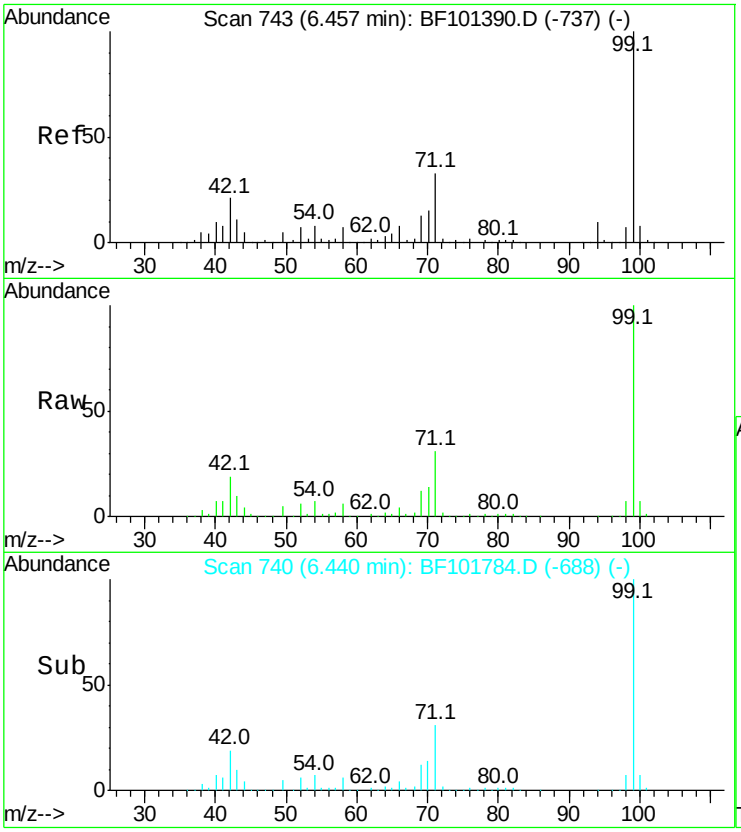


#5
2-Fluorophenol
Concen: 51.611 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:112 Resp: 486814

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	30.0	23.7	35.5

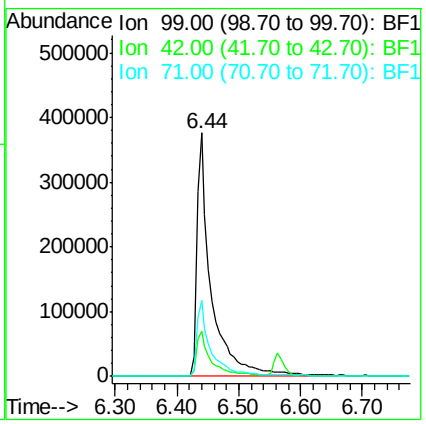




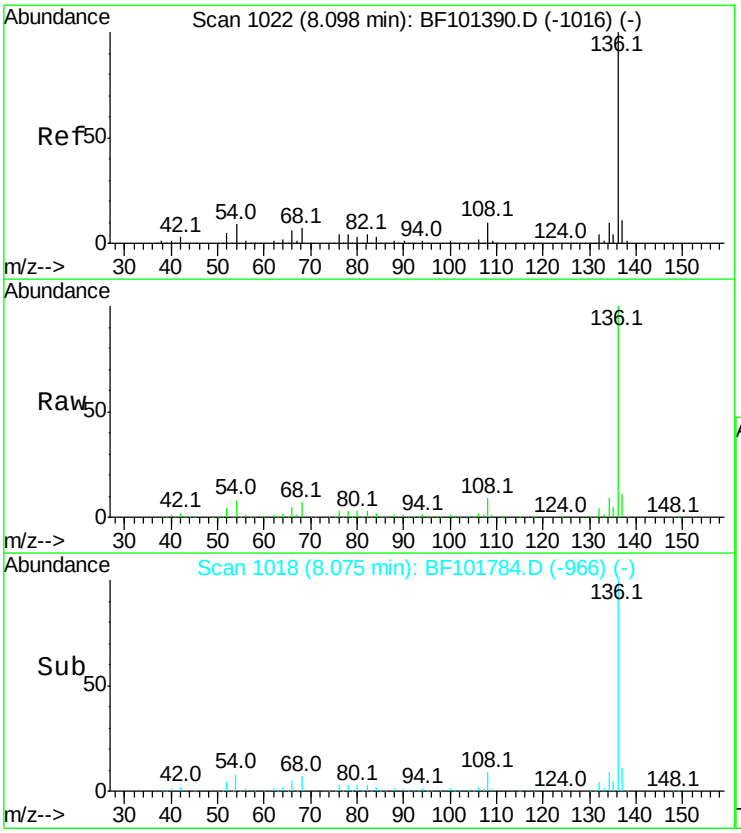
#7
Phenol-d6
Concen: 52.363 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion: 99 Resp: 614691

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	31.4	25.4	38.0



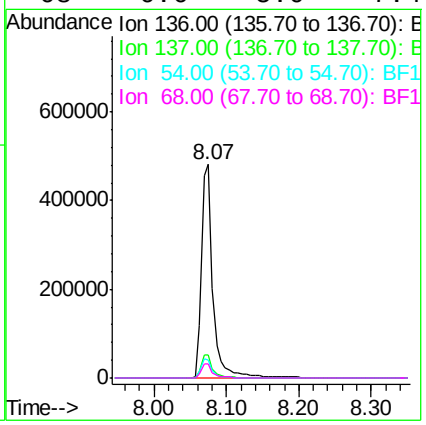
Instrument :
BNA_F
ClientSampleId :

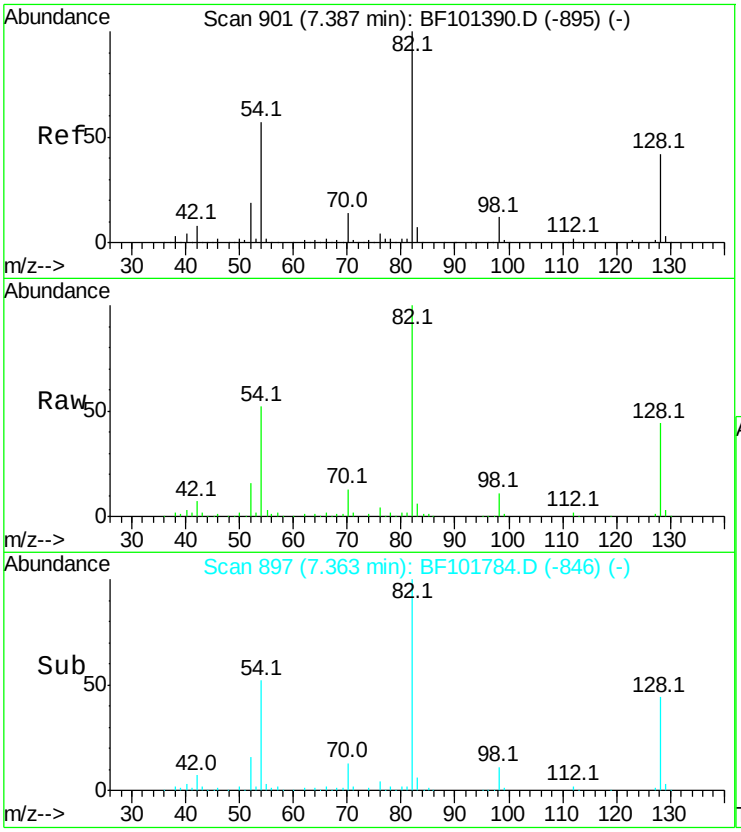


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:136 Resp: 530954

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	6.6	9.8
68	6.6	5.0	7.4



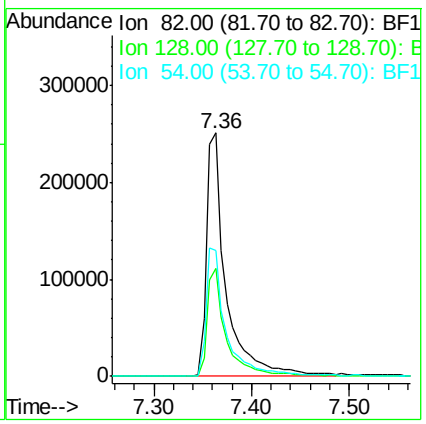


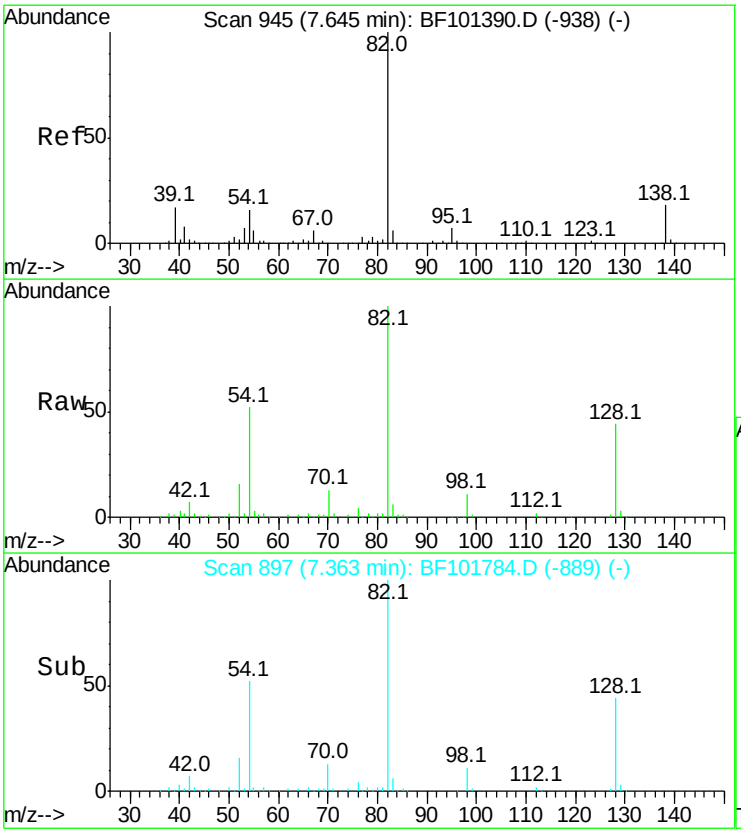
#23
Nitrobenzene-d5
Concen: 36.621 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 349299

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	51.9	41.4	62.2

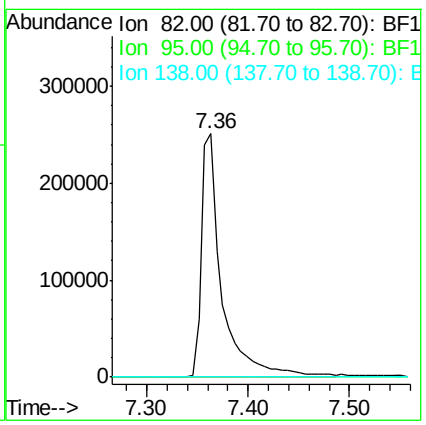


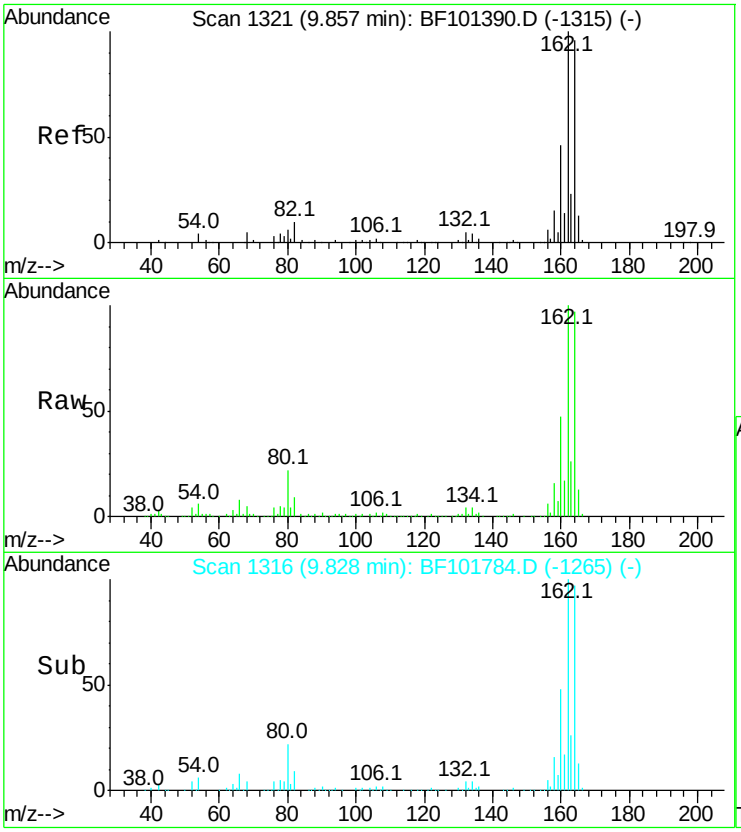


#25
Isophorone
Concen: 18.255 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion: 82 Resp: 349296

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

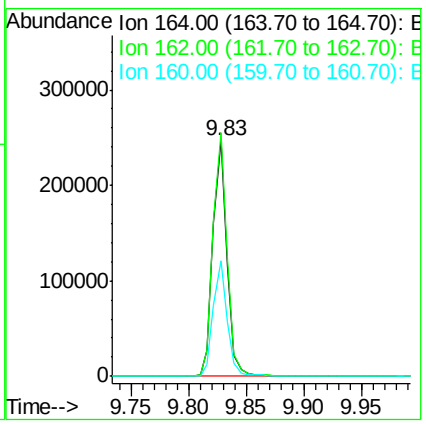




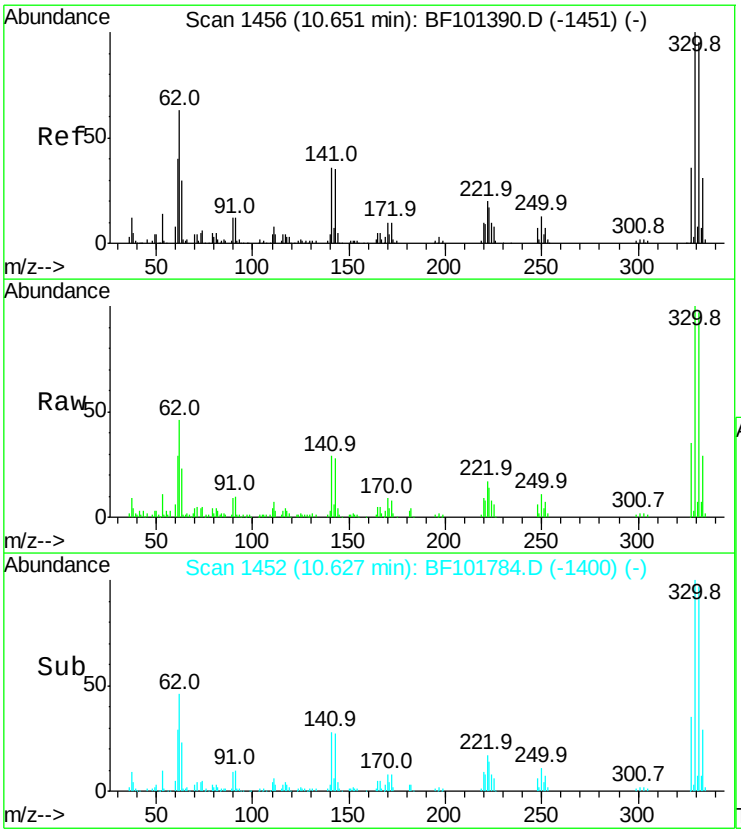
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:164 Resp: 209222

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	49.0	38.3	57.5



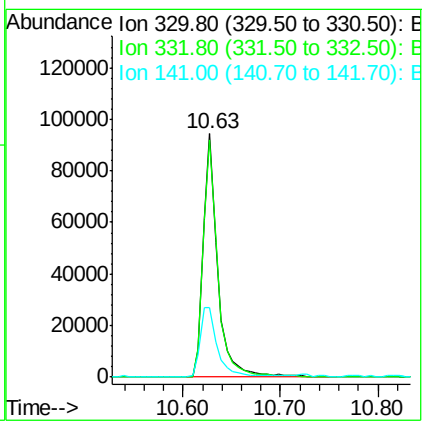
Instrument :
BNA_F
ClientSampleId :

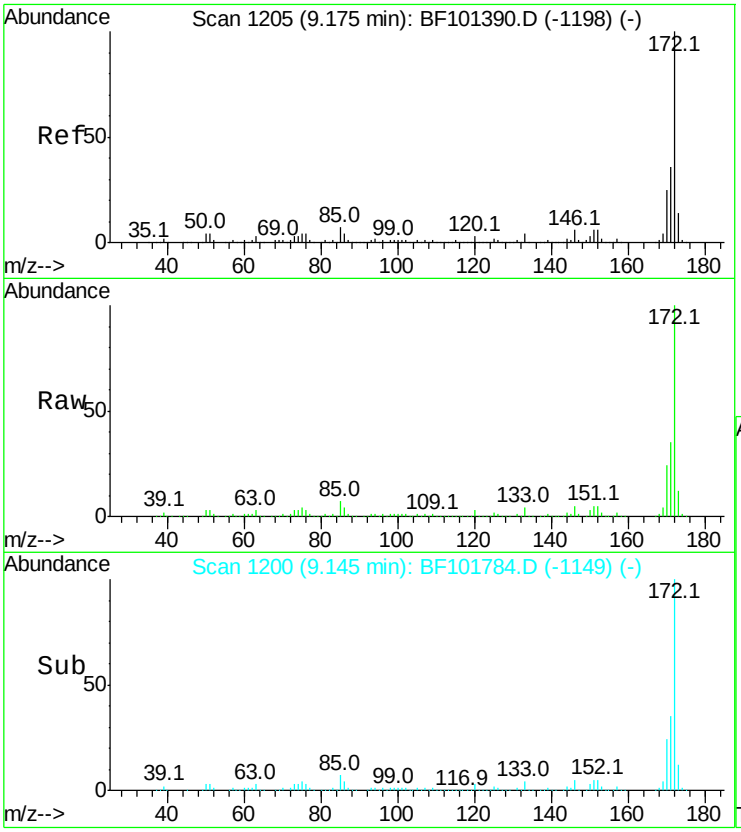


#41
2,4,6-Tribromophenol
Concen: 48.072 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:330 Resp: 96914

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	35.5	29.9	44.9



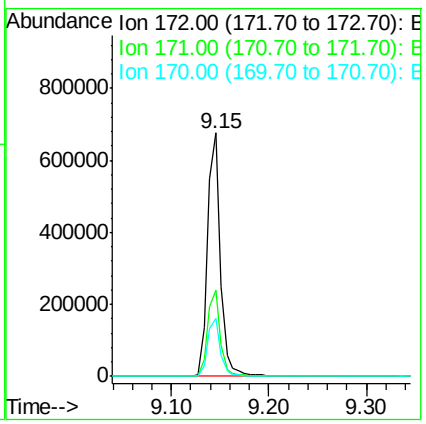


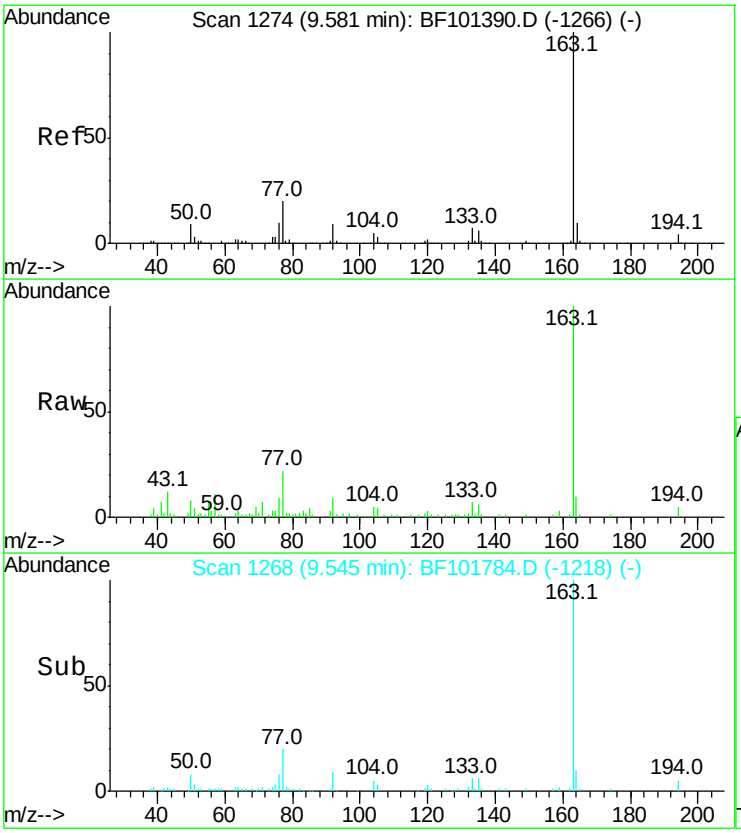
#44
2-Fluorobiphenyl
Concen: 45.954 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 619804

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

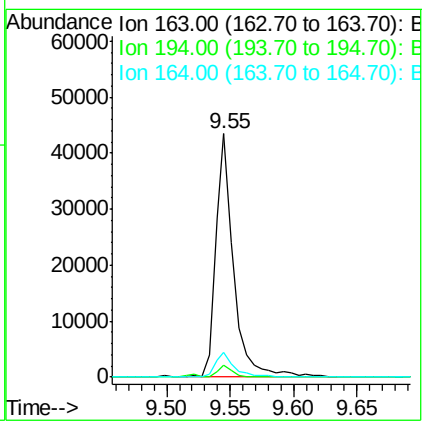


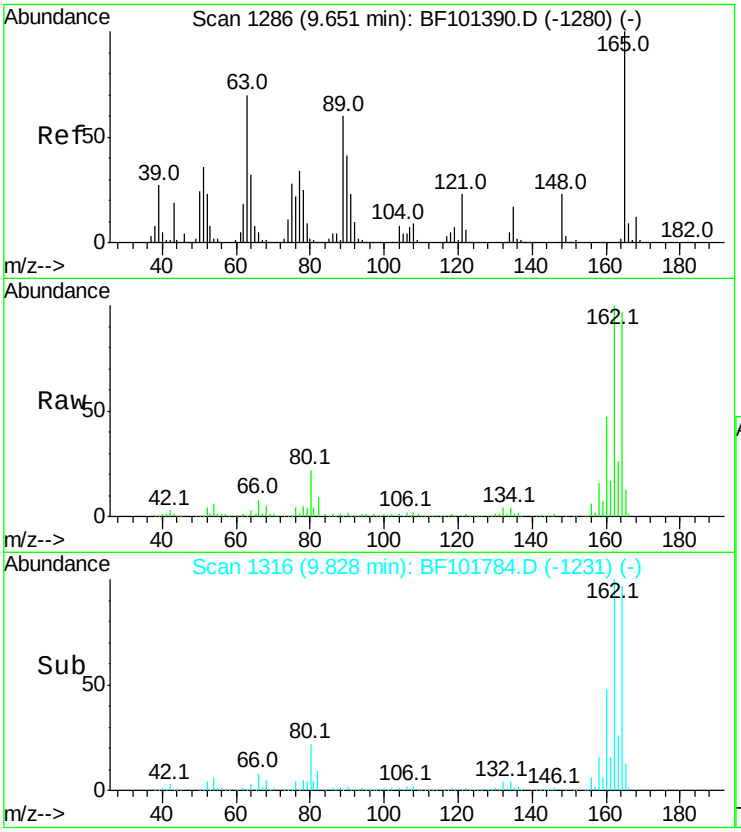


#49
Dimethylphthalate
Concen: 2.560 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:163 Resp: 43089

Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.7	4.1#
164	10.4	8.2	12.2



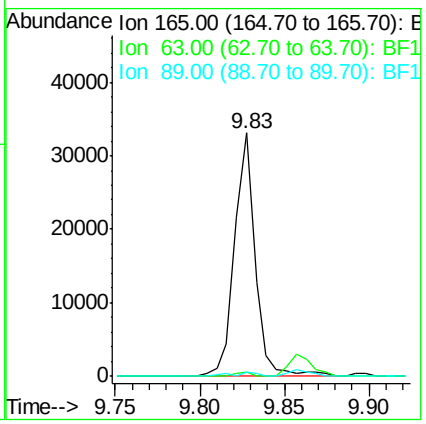


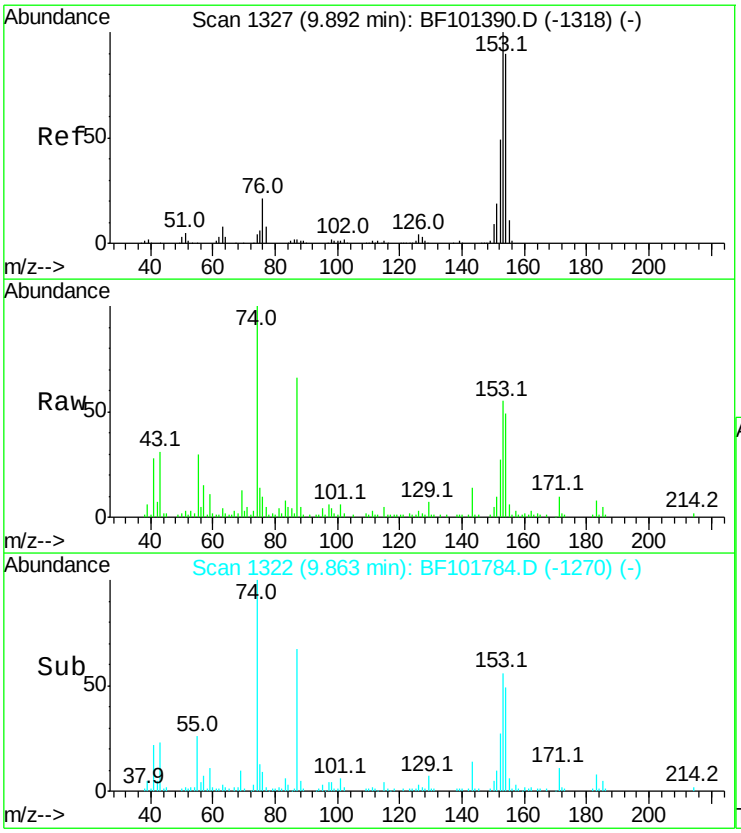
#50
2,6-Dinitrotoluene
Concen: 8.265 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28268

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.7	44.0	66.0#

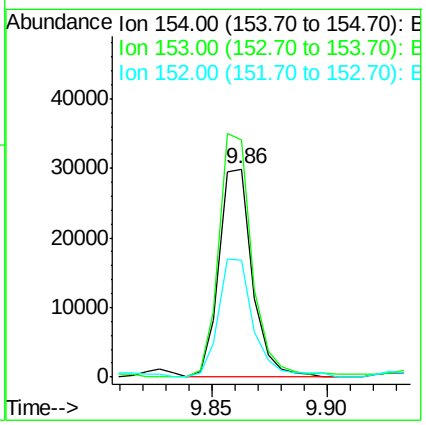


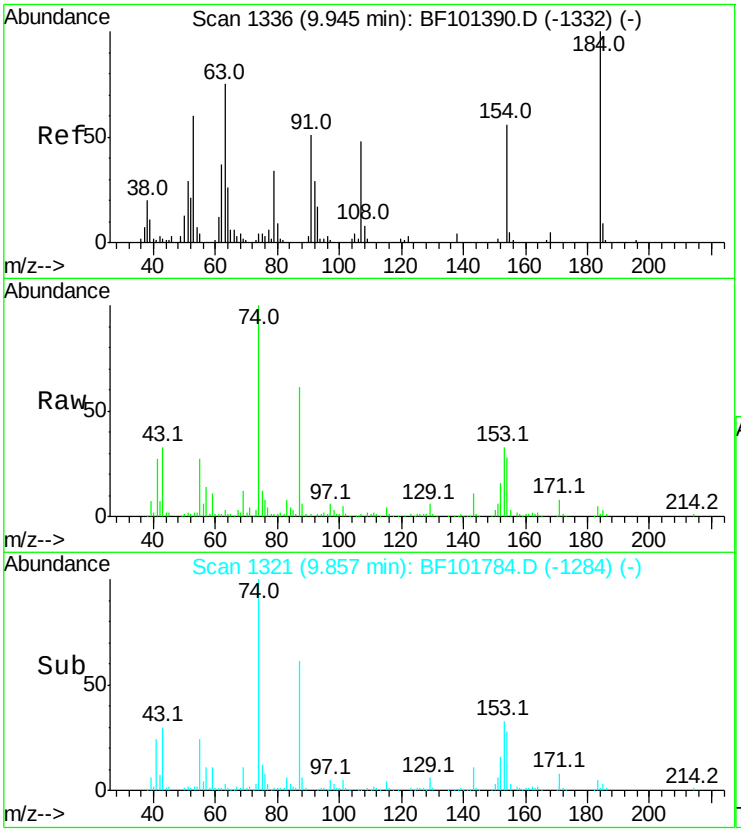


#51
Acenaphthene
Concen: 2.228 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:154 Resp: 30021

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	55.9	43.8	65.8



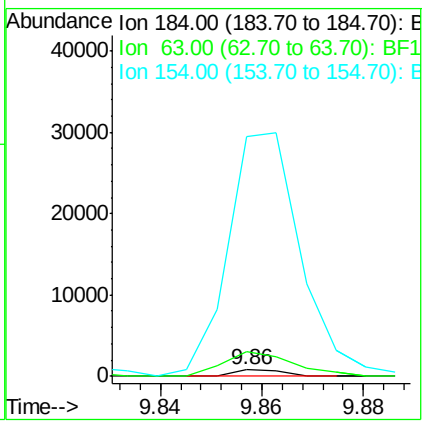


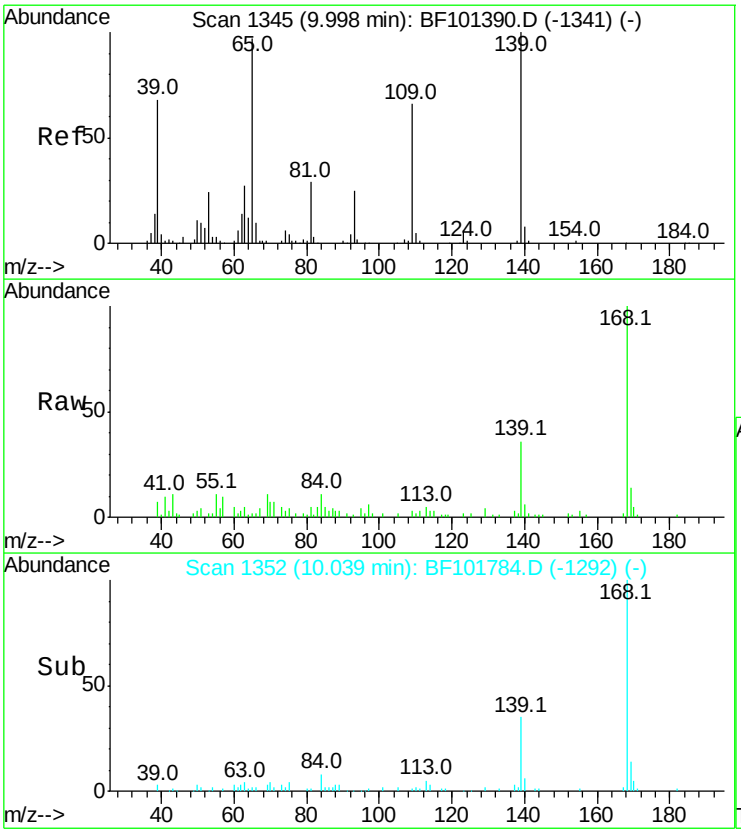
#53
2,4-Dinitrophenol
Concen: 10.698 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.08 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 516

Ion	Ratio	Lower	Upper
184	100		
63	390.4	54.2	81.2#
154	3729.6	184.0	276.0#

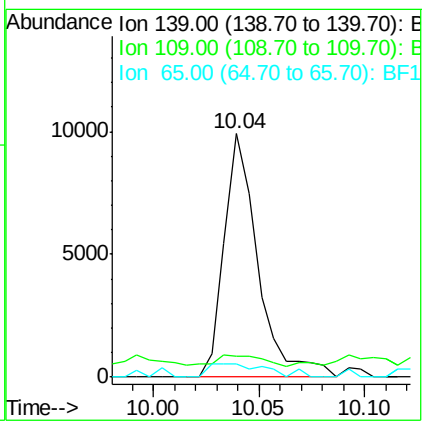


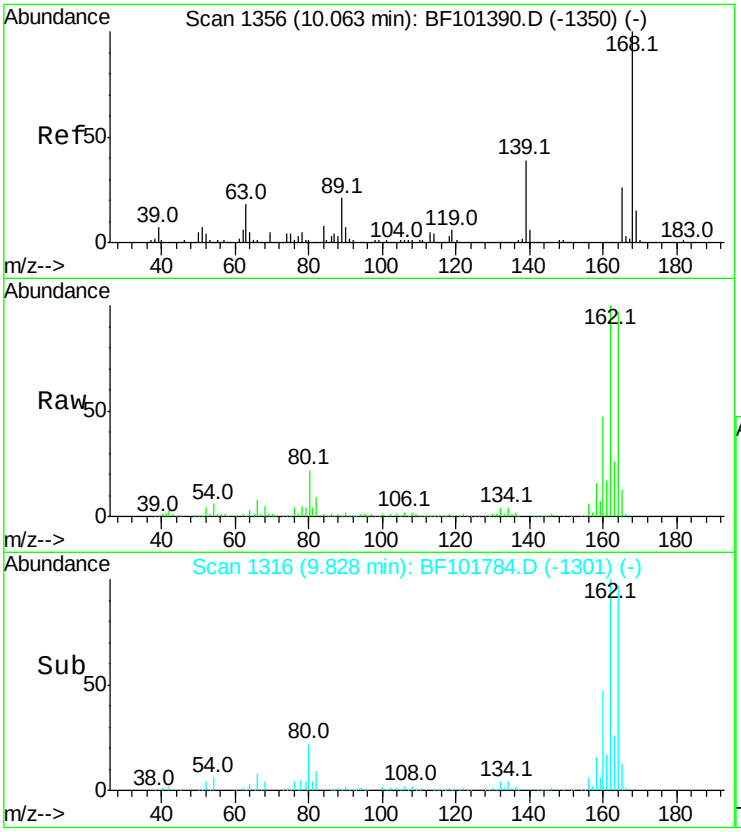


#55
4-Nitrophenol
Concen: 5.879 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:139 Resp: 10932

Ion	Ratio	Lower	Upper
139	100		
109	8.3	48.4	88.4#
65	5.2	72.6	112.6#



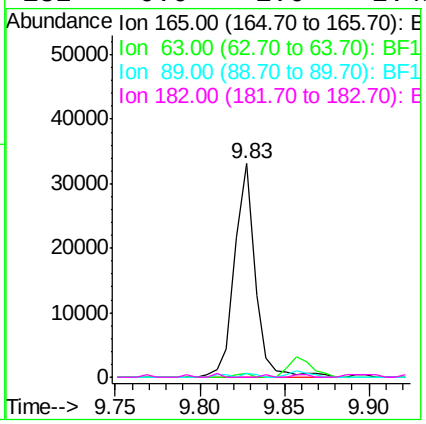


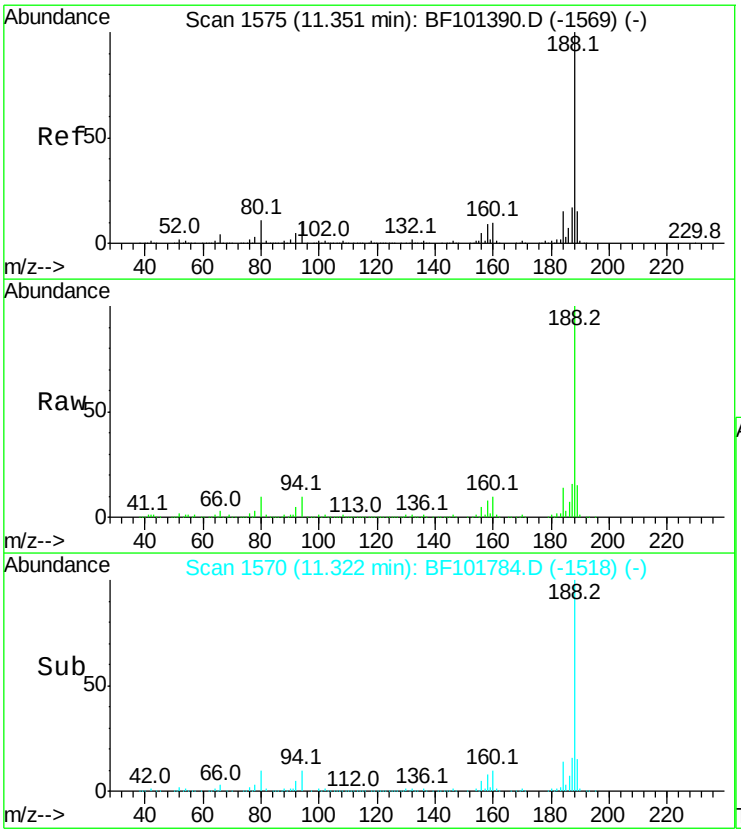
#56
2,4-Dinitrotoluene
Concen: 7.335 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28268

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

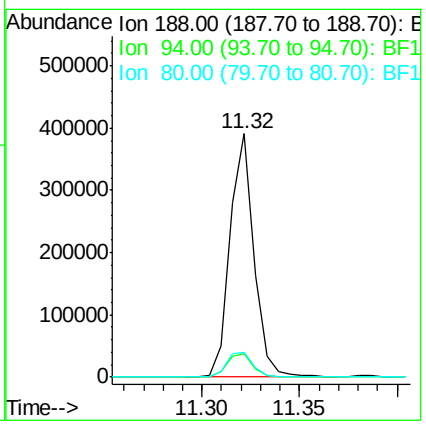


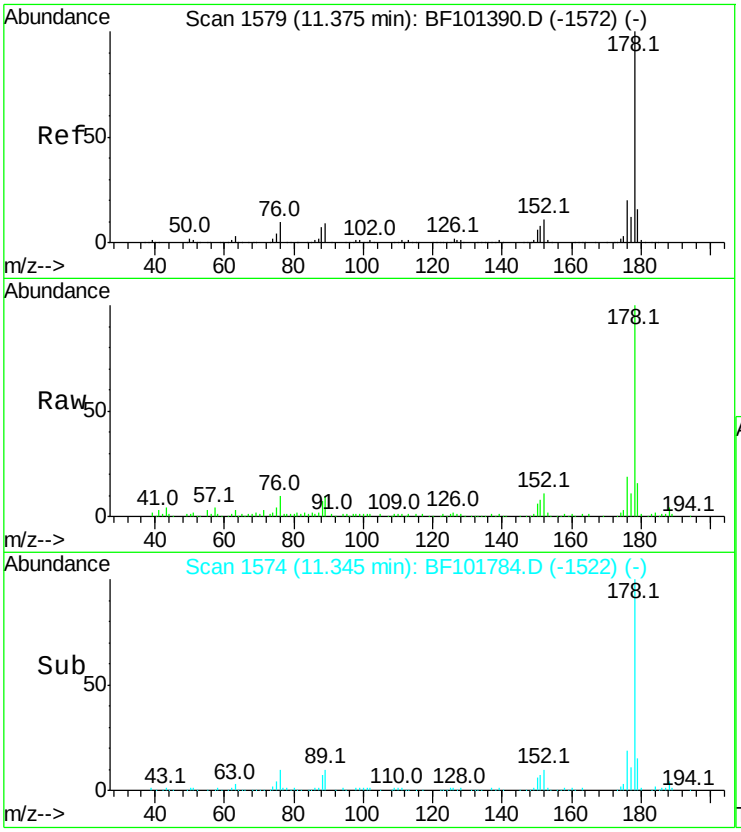


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:188 Resp: 332612

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8



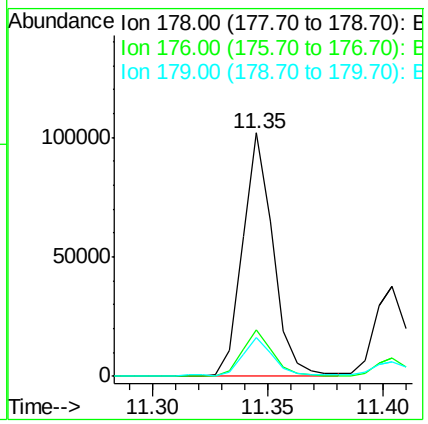


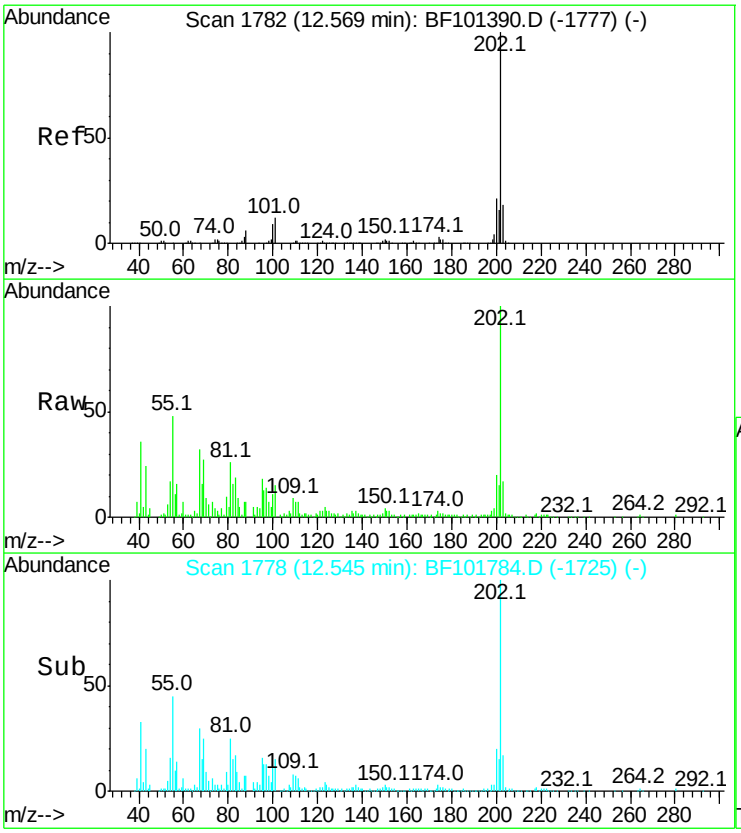
#70
Phenanthrene
Concen: 5.071 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 93803

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.8	13.0	19.6

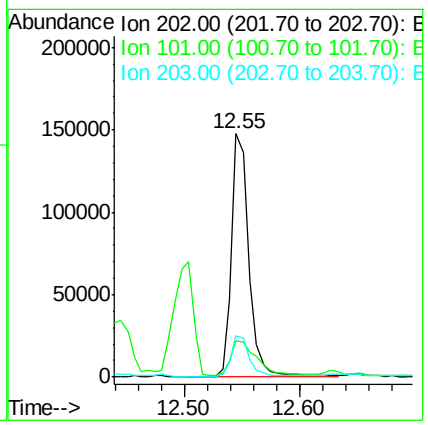


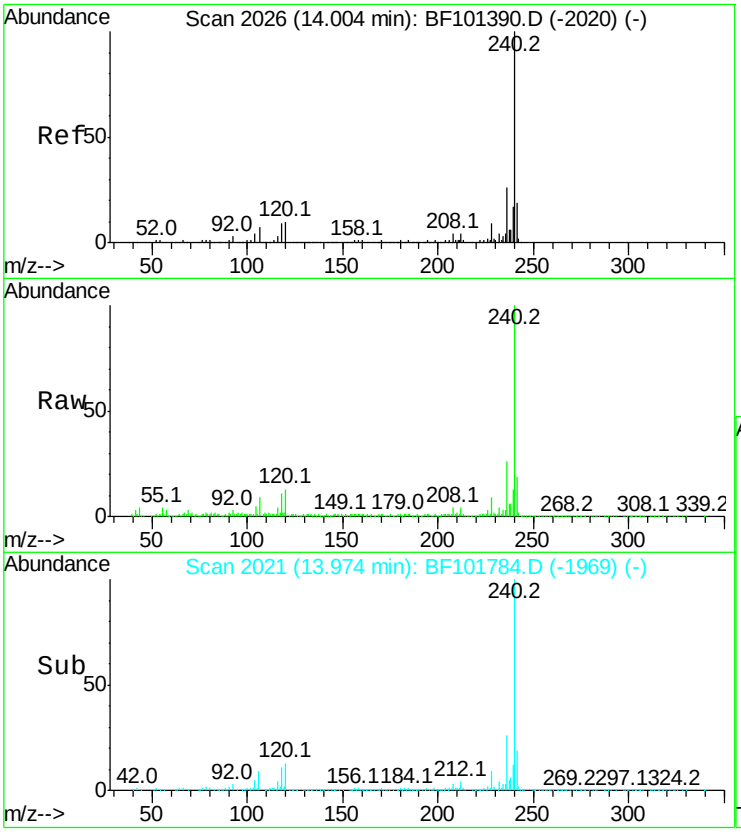


#74
Fluoranthene
Concen: 7.979 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:202 Resp: 154922

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.1
203	16.8	0.0	38.1



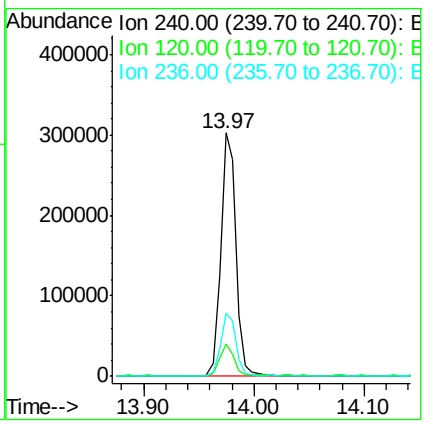


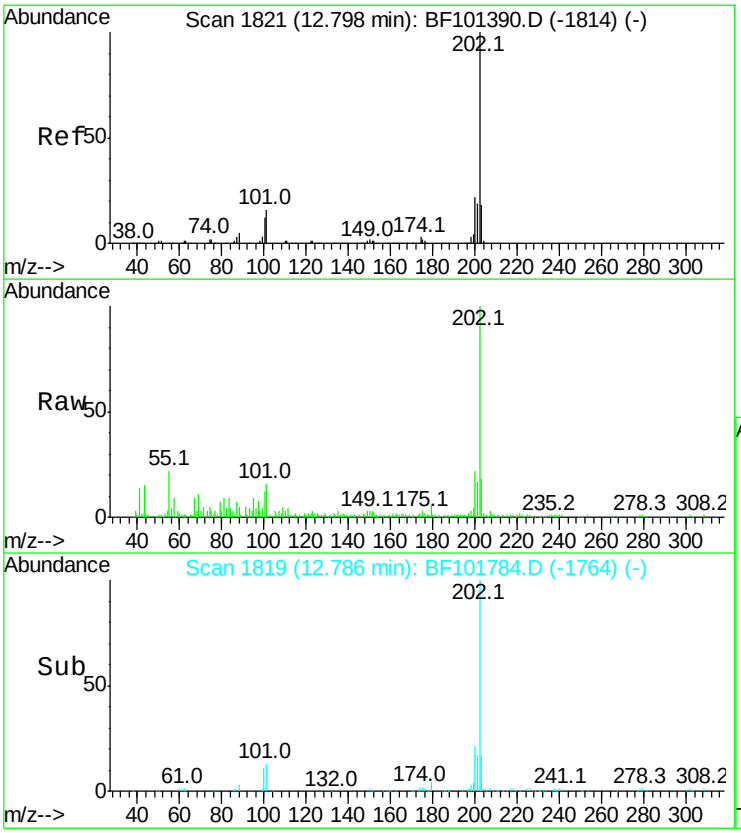
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 287657

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.7	20.7	31.1

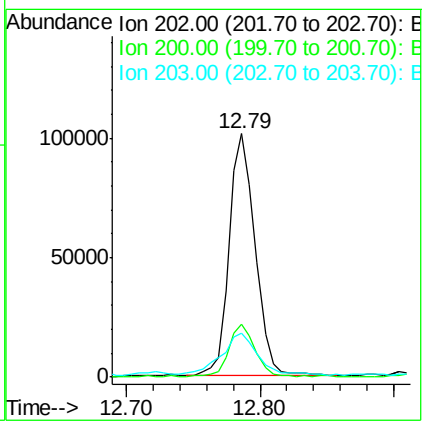


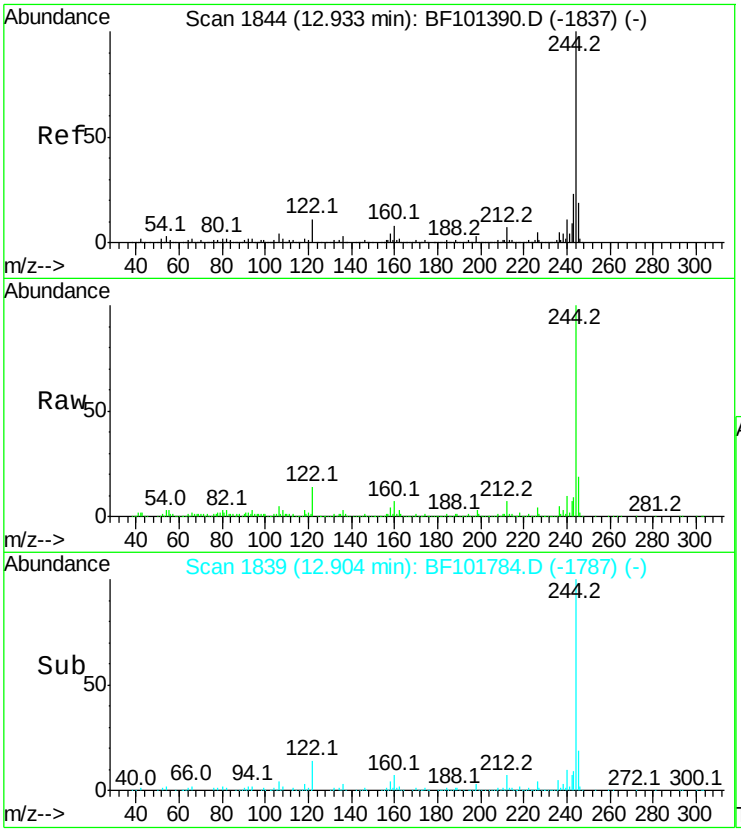


#77
Pyrene
Concen: 6.385 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.02 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:202 Resp: 137845

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.3	21.5



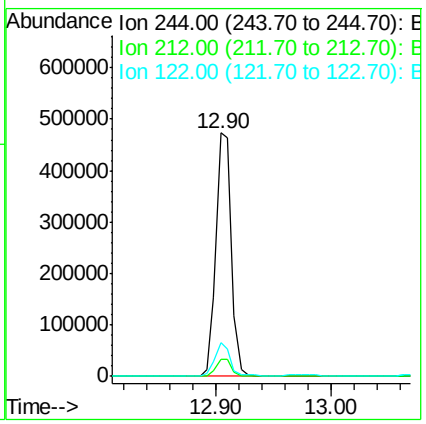


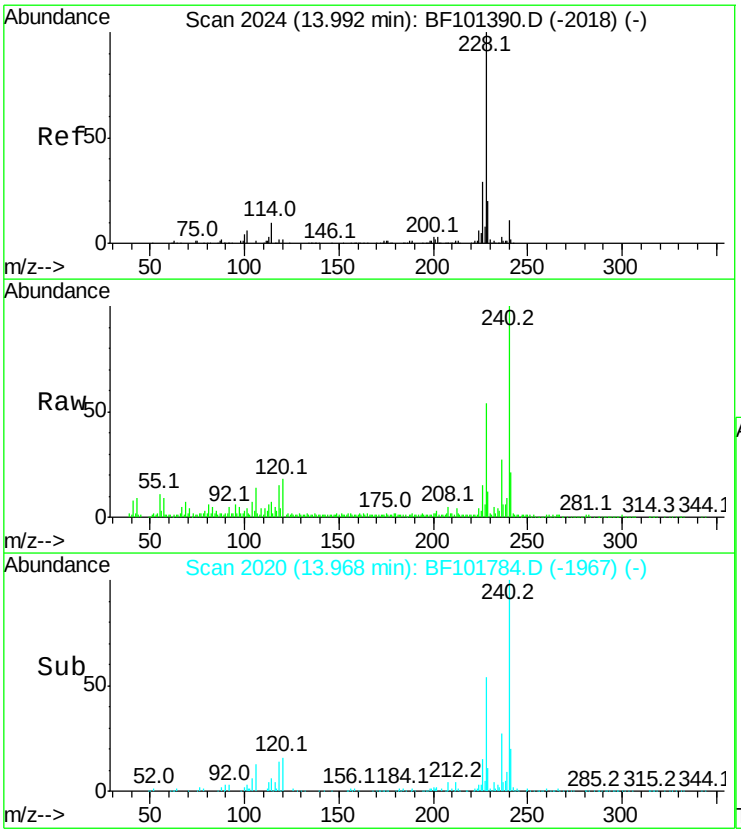
#78
Terphenyl-d14
Concen: 36.857 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 439782

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.0	11.0	16.4

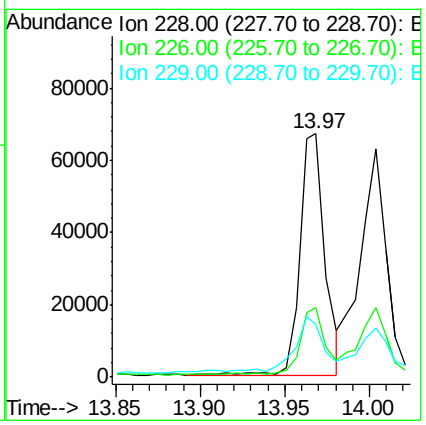


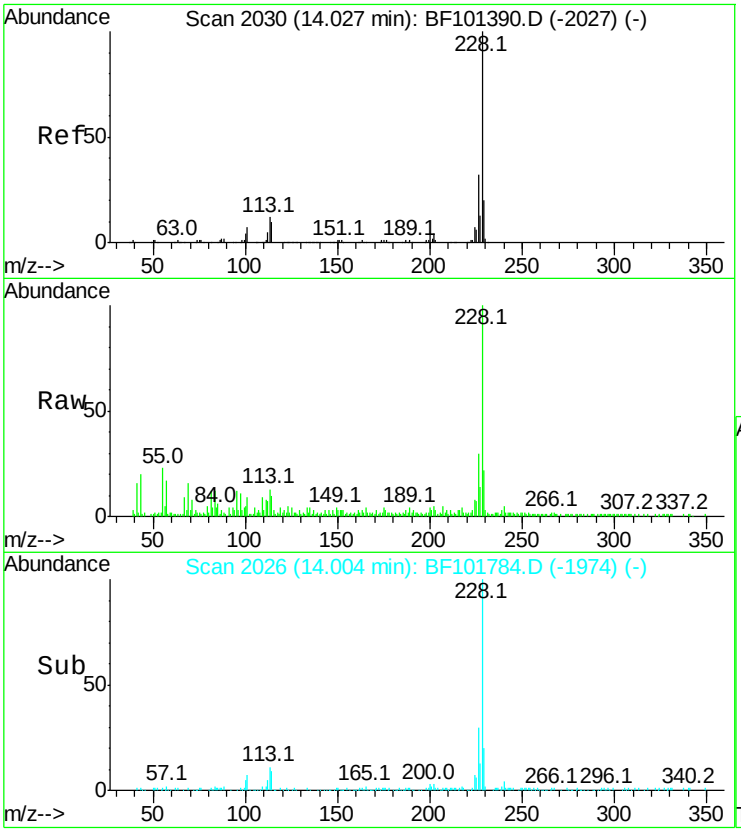


#80
Benzo(a)anthracene
Concen: 3.614 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:228 Resp: 68651

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.6	15.8	23.6



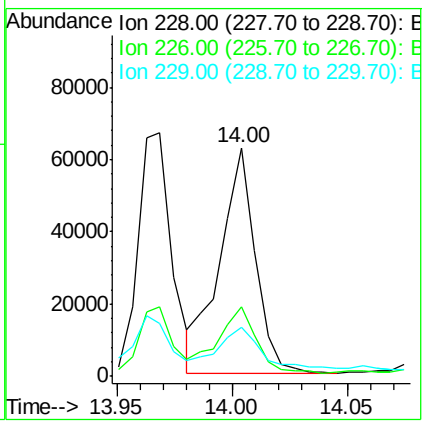


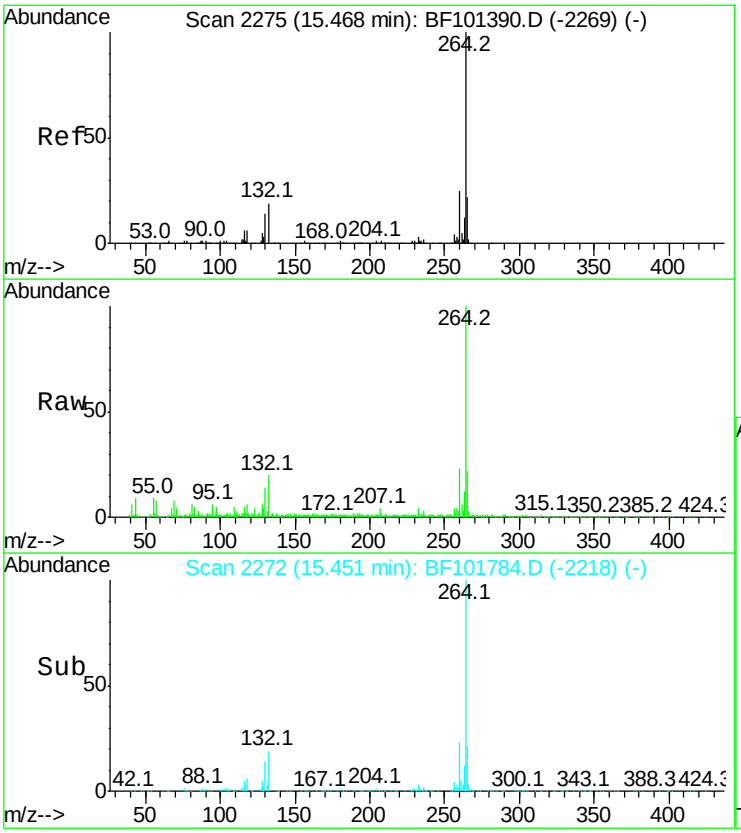
#82
Chrysene
Concen: 3.746 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 67181

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.7	16.2	24.4

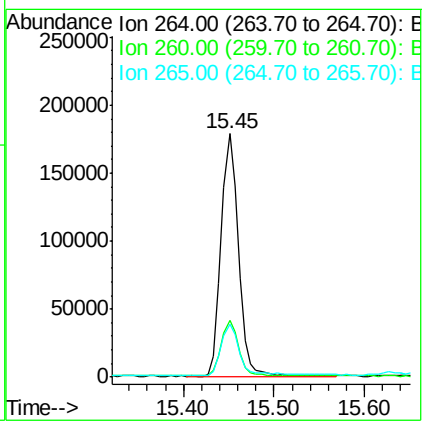


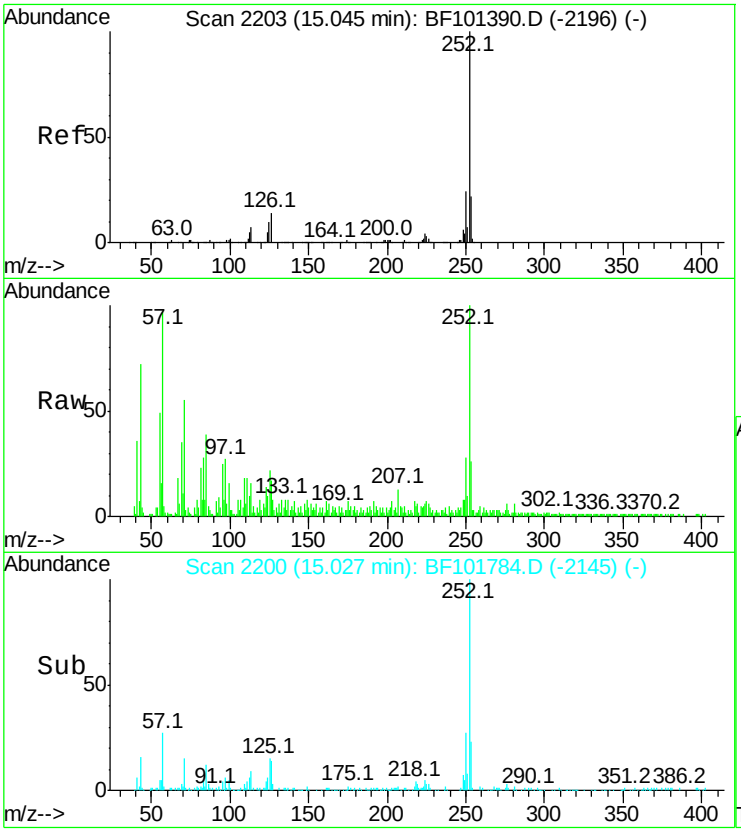


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:264 Resp: 236812

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3



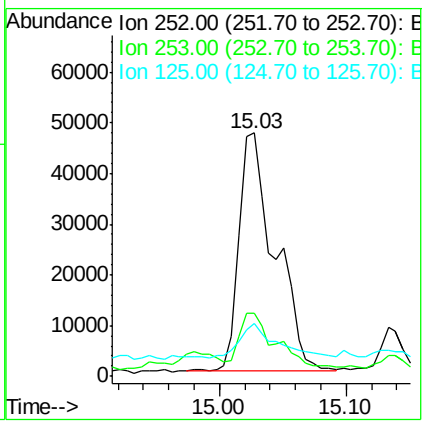


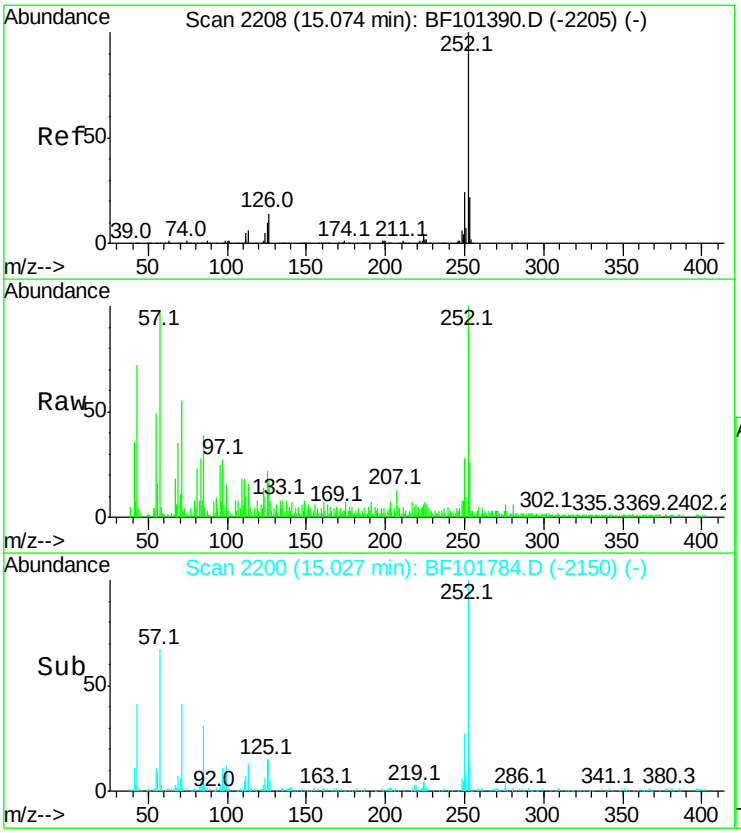
#87
Benzo(b)fluoranthene
Concen: 6.369 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91932

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	21.8	9.0	13.6#

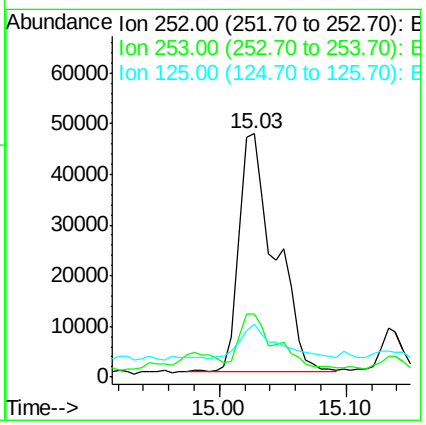


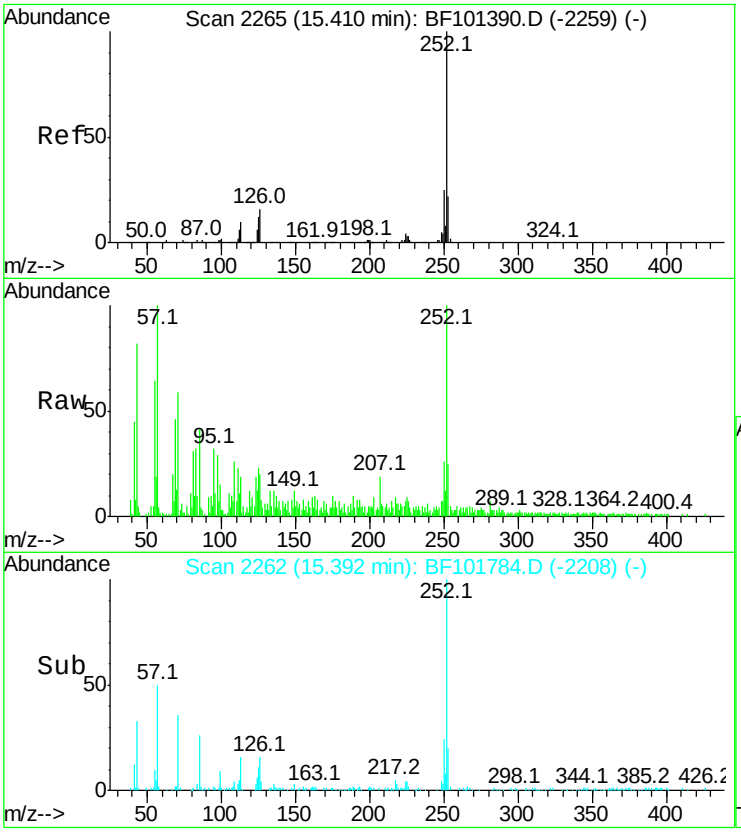


#88
Benzo(k)fluoranthene
Concen: 6.551 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion:252 Resp: 91932

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	21.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 3.305 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.02 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43983

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	23.0	9.8	14.6#