Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
Data File : BF109759.D
Acq On : 10 Oct 2018 23:05
Operator : JU/SJ
Sample : J5373-03 4X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT1499-3783-RT3026

Quant Time: Oct 11 05:48:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	82025	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	362531	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	159322	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	267446	20.00	ng		0.00
75) Chrysene-d12	13.83	240	213733	20.00	ng		0.00
86) Perylene-d12	15.23	264	179511	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	65407	14.15	ng		-0.01
7) Phenol-d6	6.35	99	127178	20.60	ng		-0.01
23) Nitrobenzene-d5	7.26	82	71528	10.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	29101	16.76	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	138433	11.97	ng		-0.01
78) Terphenyl-d14	12.77	244	102307	9.27	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	10221	2.361	ng	#	78
25) Isophorone	7.26	82	71528	6.550	ng	#	67
49) Dimethylphthalate	9.45	163	25030	2.142	ng		99
50) 2,6-Dinitrotoluene	9.72	165	20049	7.916	ng	#	23
56) 2,4-Dinitrotoluene	9.72	165	20050	6.343	ng	#	19
70) Phenanthrene	11.22	178	70721	5.284	ng		97
74) Fluoranthene	12.41	202	106019	7.582	ng		99
77) Pyrene	12.63	202	98994	6.322	ng		98
80) Benzo(a)anthracene	13.82	228	53708	4.554	ng	#	94
82) Chrysene	13.85	228	43013	3.472	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.58	276	18814	2.122	ng		94
87) Benzo(b)fluoranthene	14.84	252	59982	6.047	ng	#	94
88) Benzo(k)fluoranthene	14.84	252	59982	6.018	ng	#	93
89) Benzo(a)pyrene	15.17	252	35676	3.963	ng	#	90
91) Benzo(g,h,i)perylene	16.99	276	28005	3.793	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
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Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
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RT1499-3783-RT3026

Quant Time: Oct 11 05:48:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
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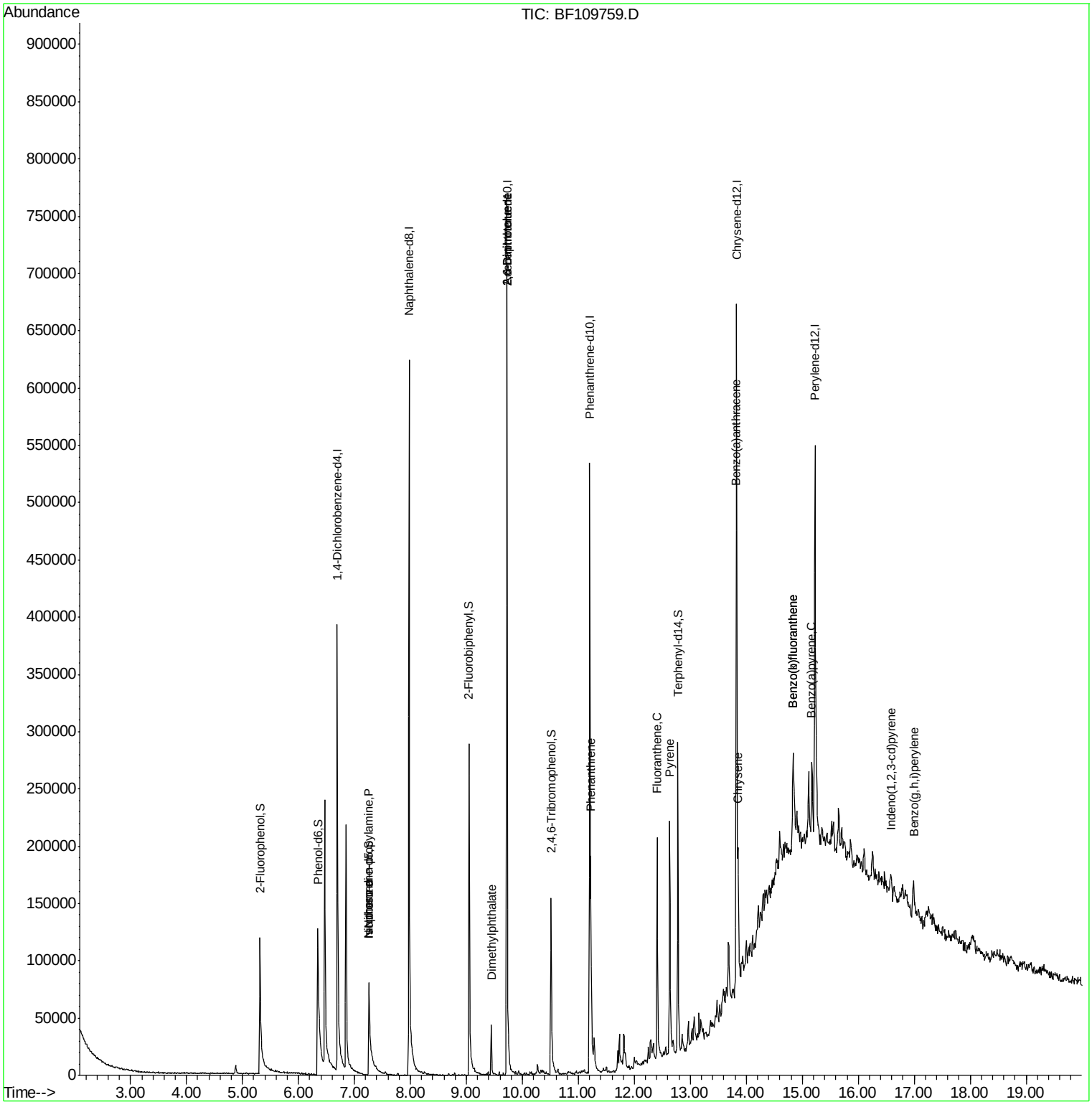
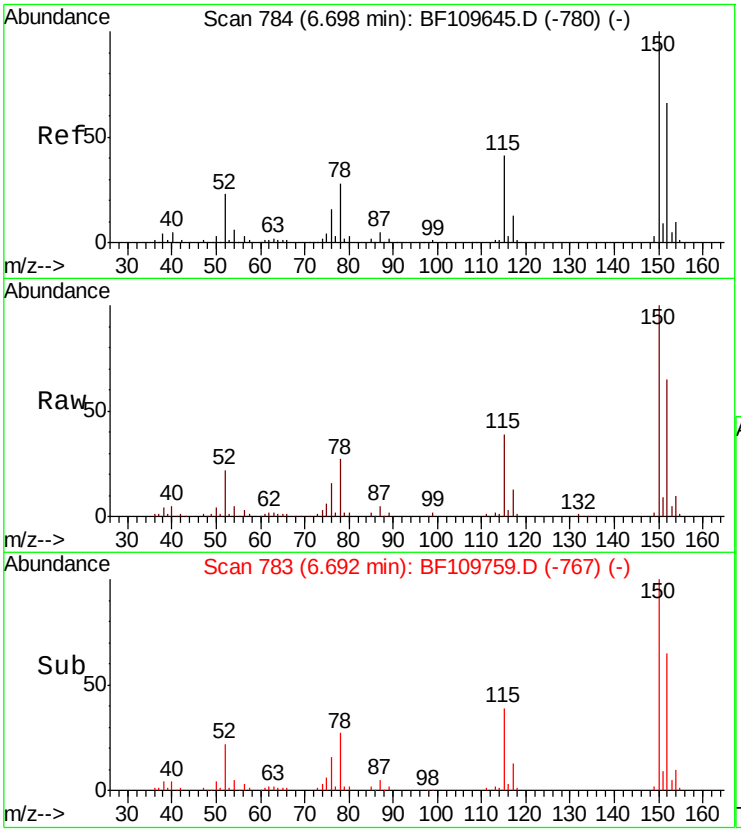


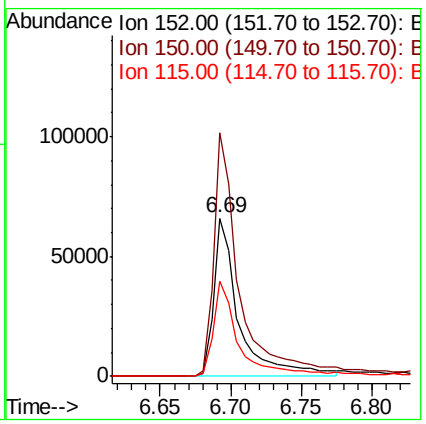


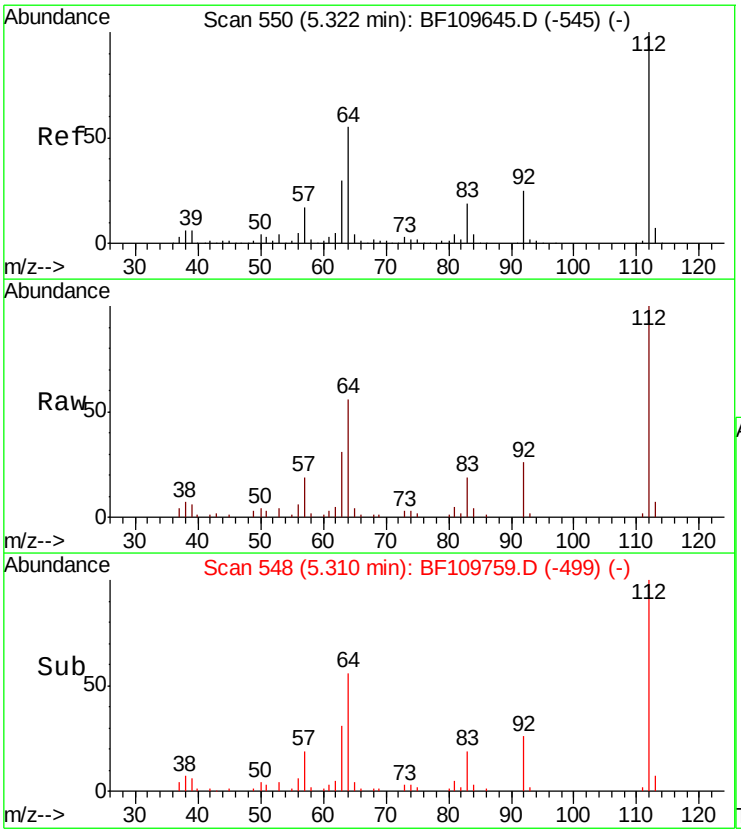
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:152 Resp: 82025

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	60.1	49.1	73.7

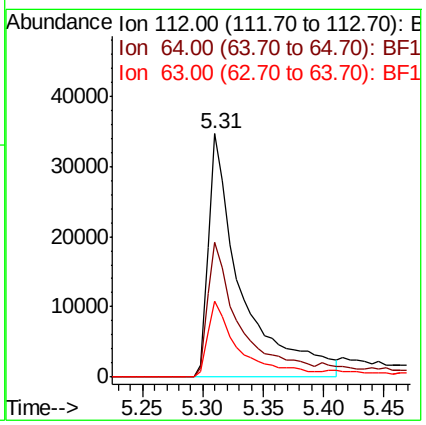


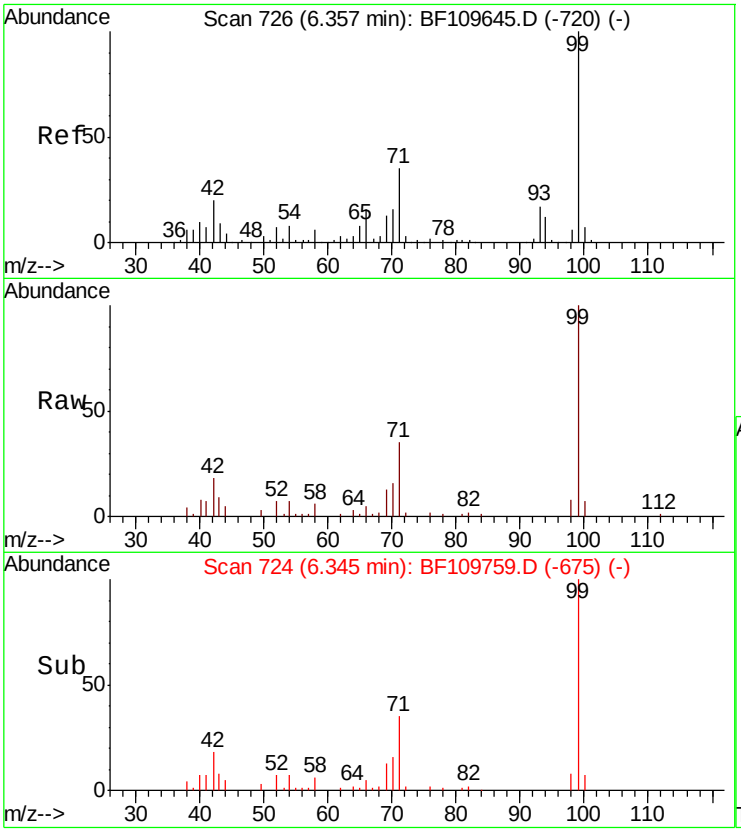


#5
2-Fluorophenol
Concen: 14.154 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:112 Resp: 65407

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.1	66.1
63	31.4	23.7	35.5



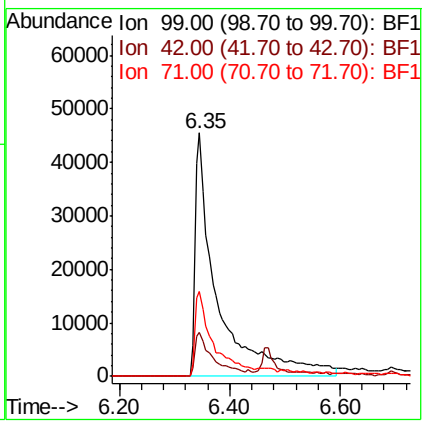


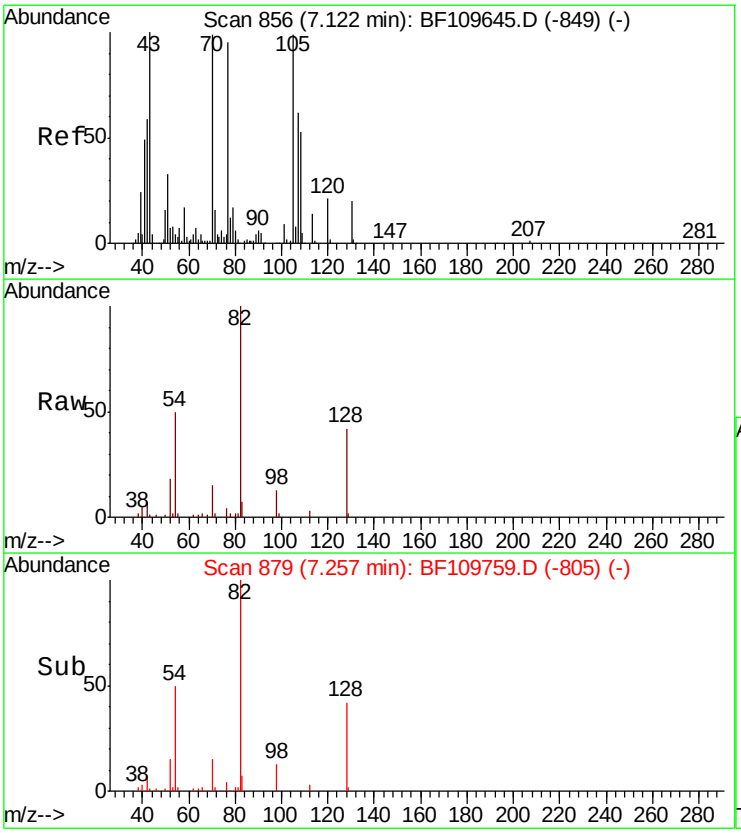
#7
Phenol-d6
Concen: 20.602 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion: 99 Resp: 127178

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.8	23.6
71	35.0	28.0	42.0

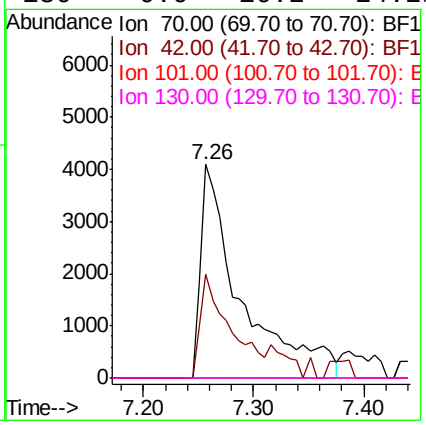


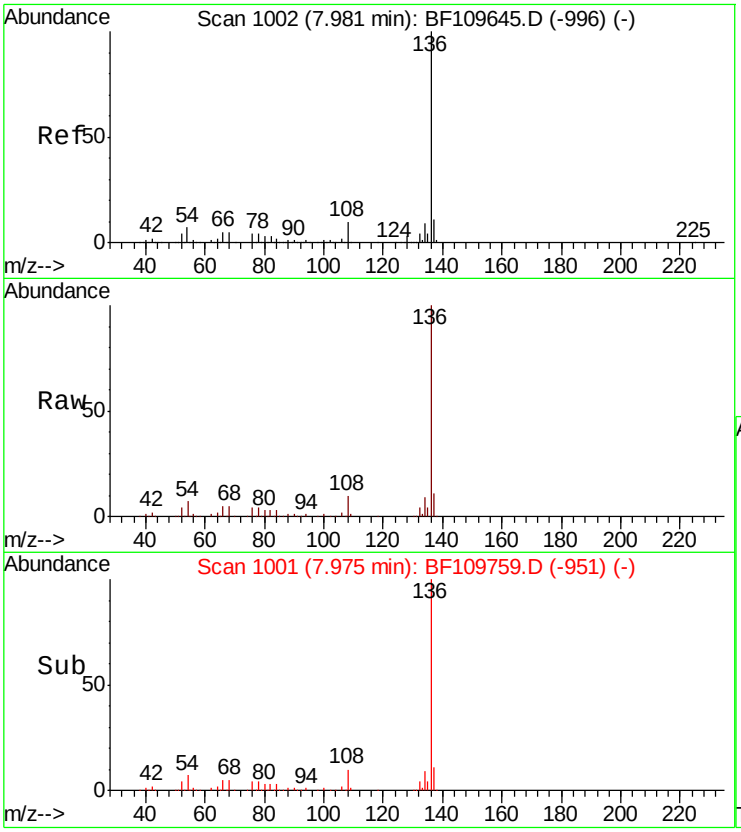


#19
n-Nitroso-di-n-propylamine
Concen: 2.361 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion: 70 Resp: 10221

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



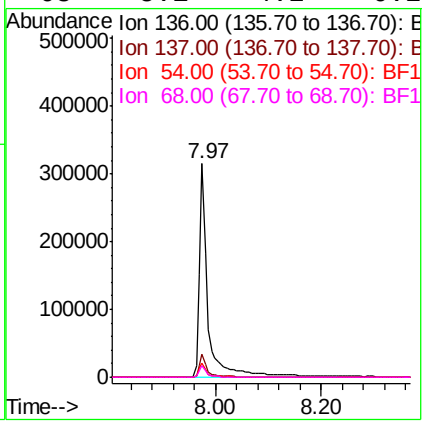


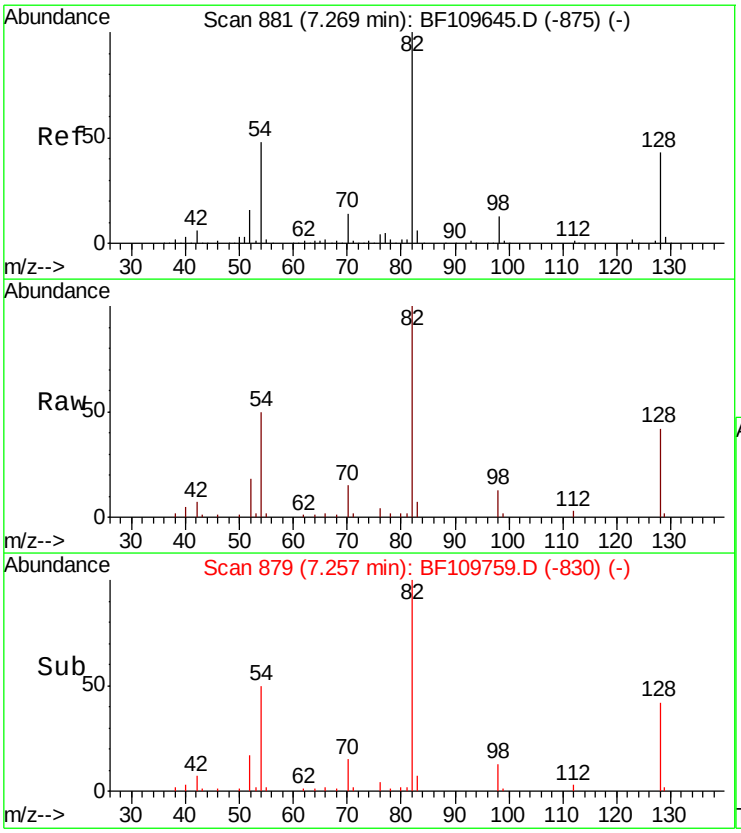
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:136 Resp: 362531

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.4	8.2
68	5.1	4.2	6.2

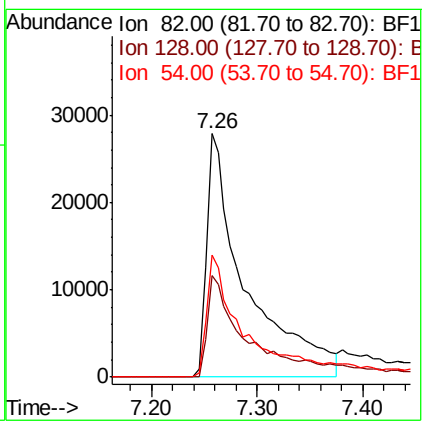


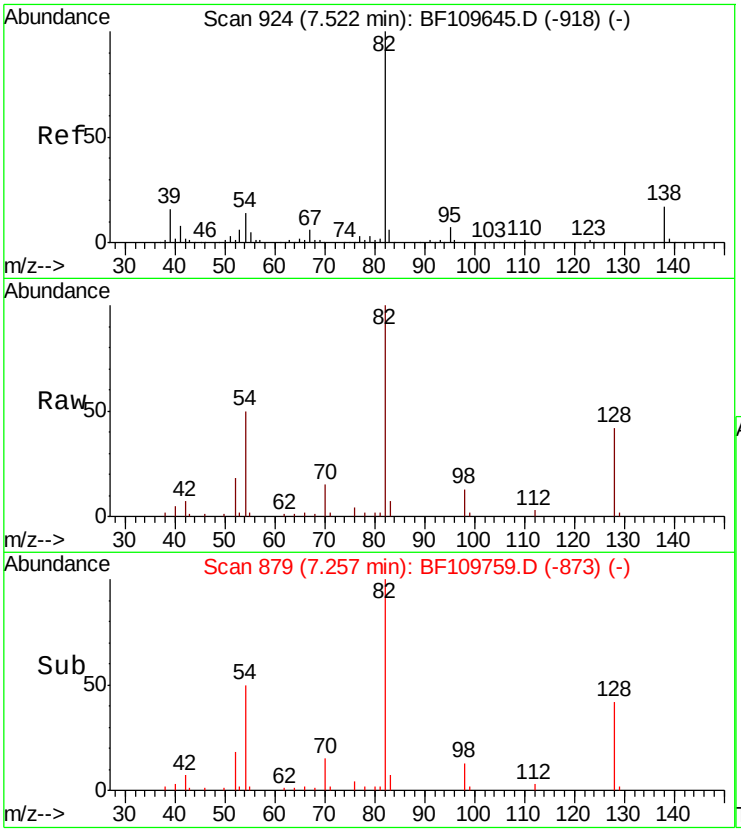


#23
Nitrobenzene-d5
Concen: 10.876 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion: 82 Resp: 71528

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.2	51.2
54	49.9	38.6	58.0



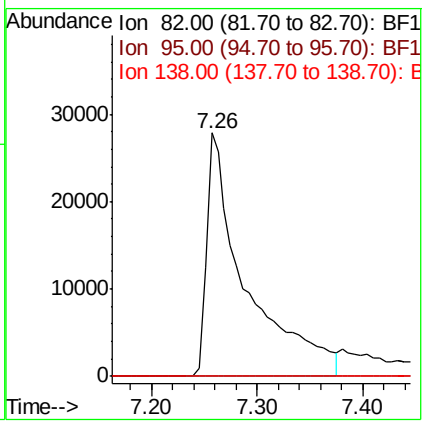


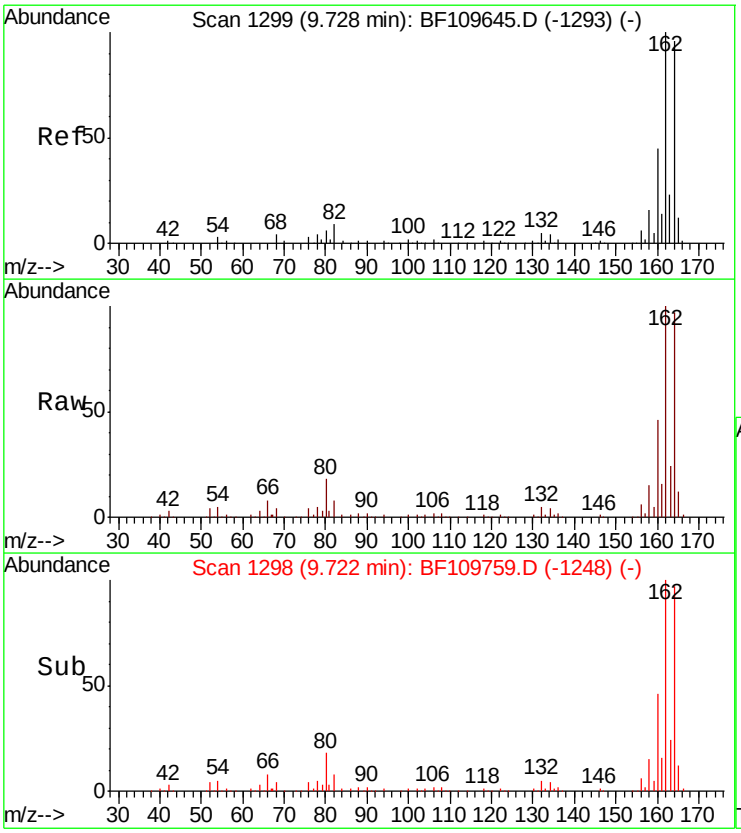
#25
Isophorone
Concen: 6.550 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion: 82 Resp: 71528

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

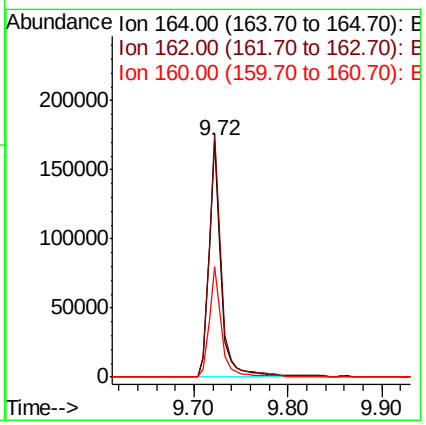


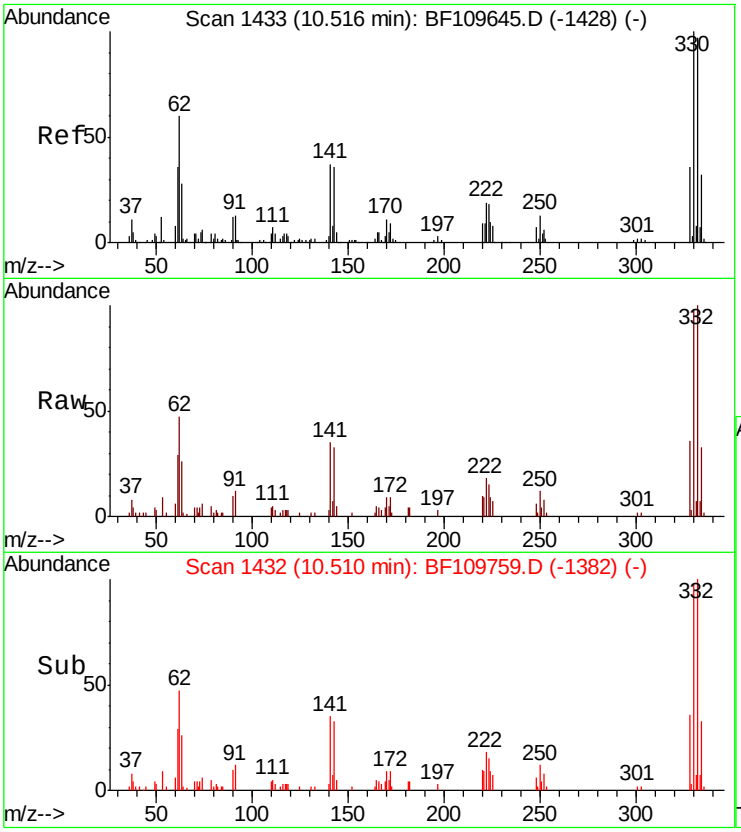


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:164 Resp: 159322

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.8	37.0	55.6



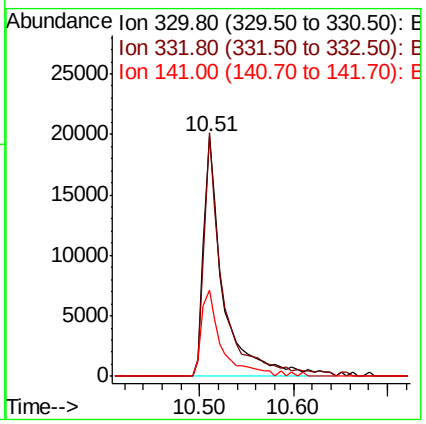


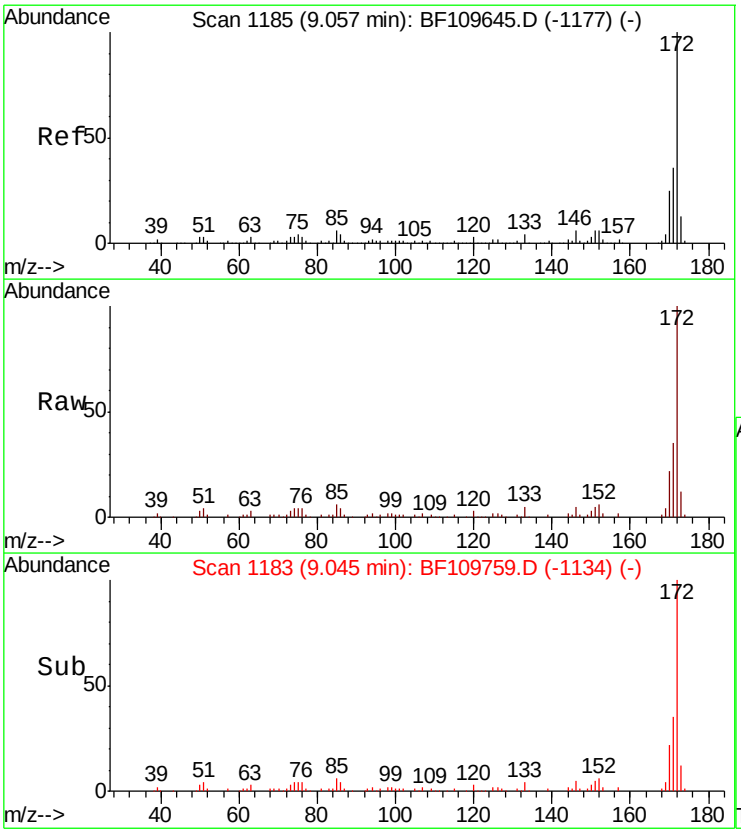
#41
2,4,6-Tribromophenol
Concen: 16.763 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:330 Resp: 29101

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	36.0	27.0	40.4

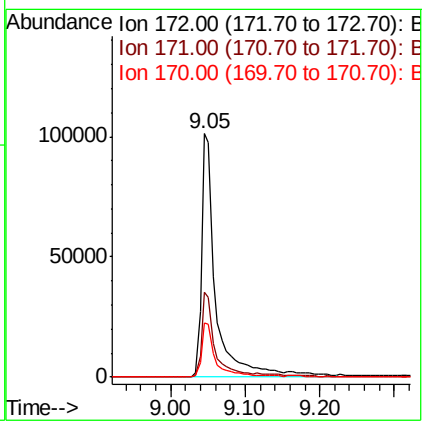


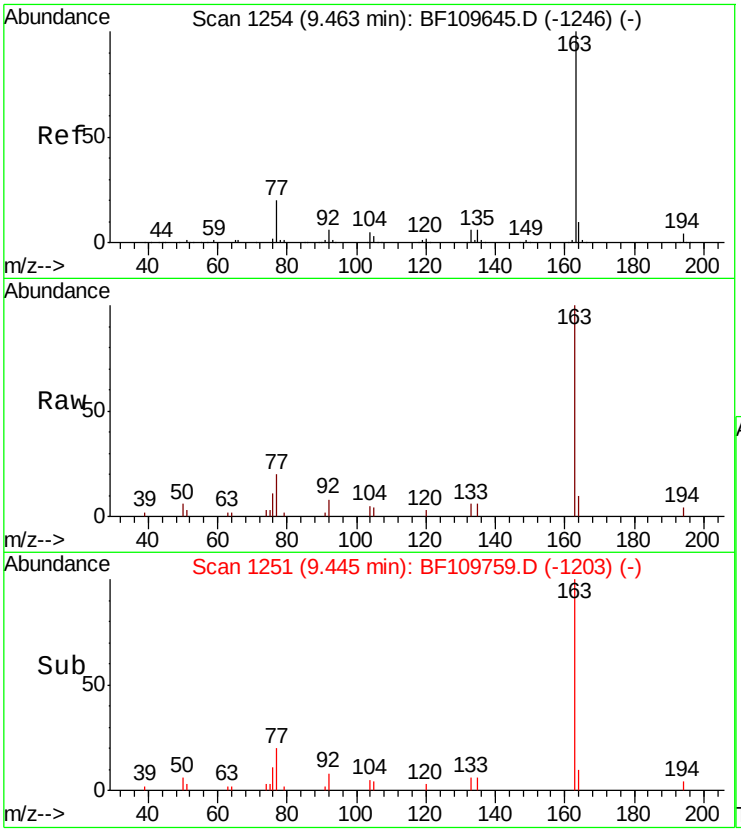


#44
2-Fluorobiphenyl
Concen: 11.967 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:172 Resp: 138433

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	22.1	19.7	29.5



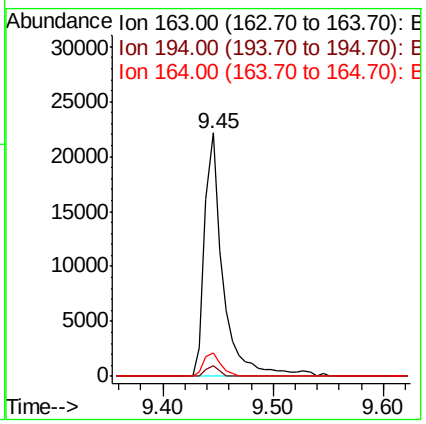


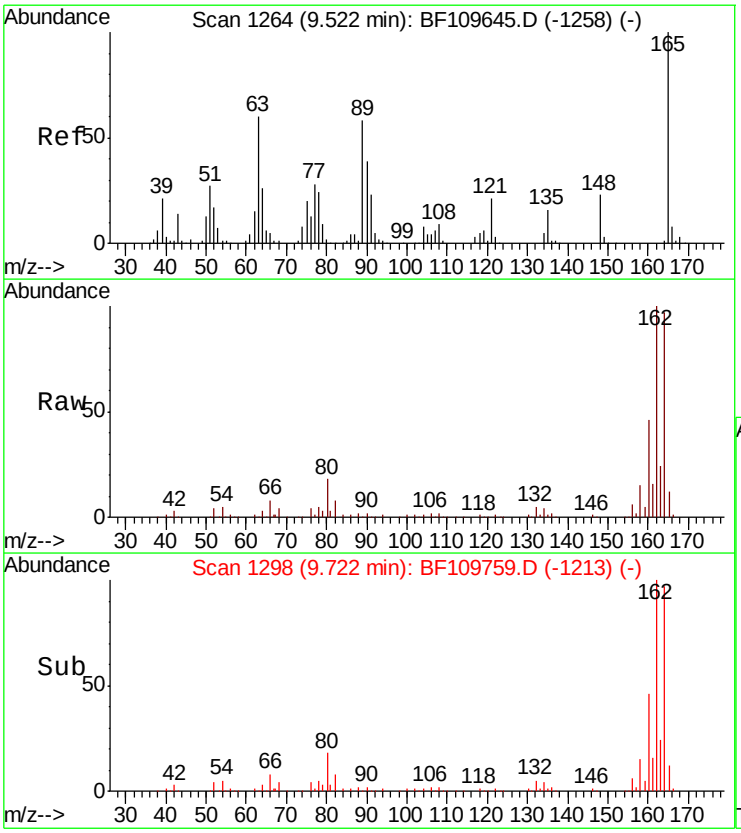
#49
Dimethylphthalate
Concen: 2.142 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:163 Resp: 25030

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.9	8.1	12.1

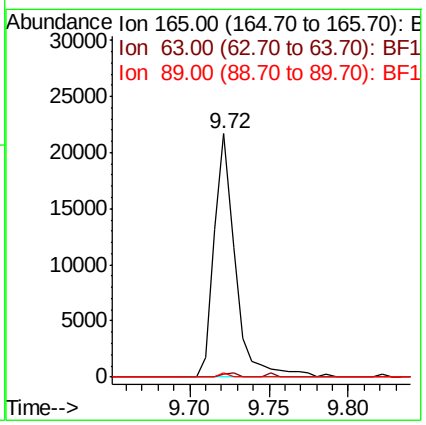


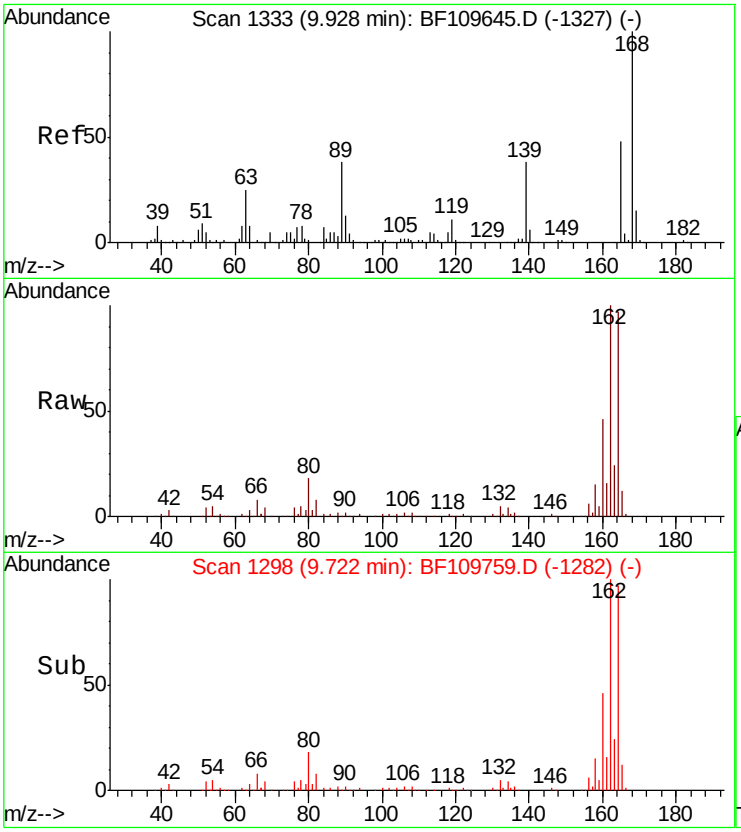


#50
2,6-Dinitrotoluene
Concen: 7.916 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:165 Resp: 20049

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.7	46.6	69.8#



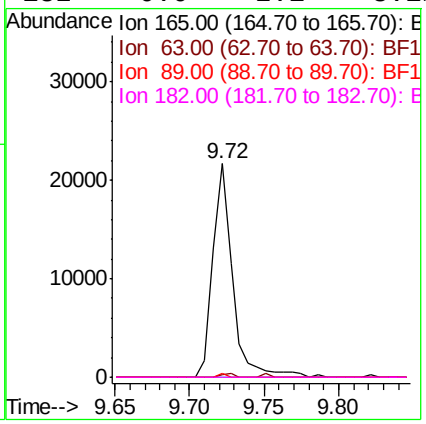


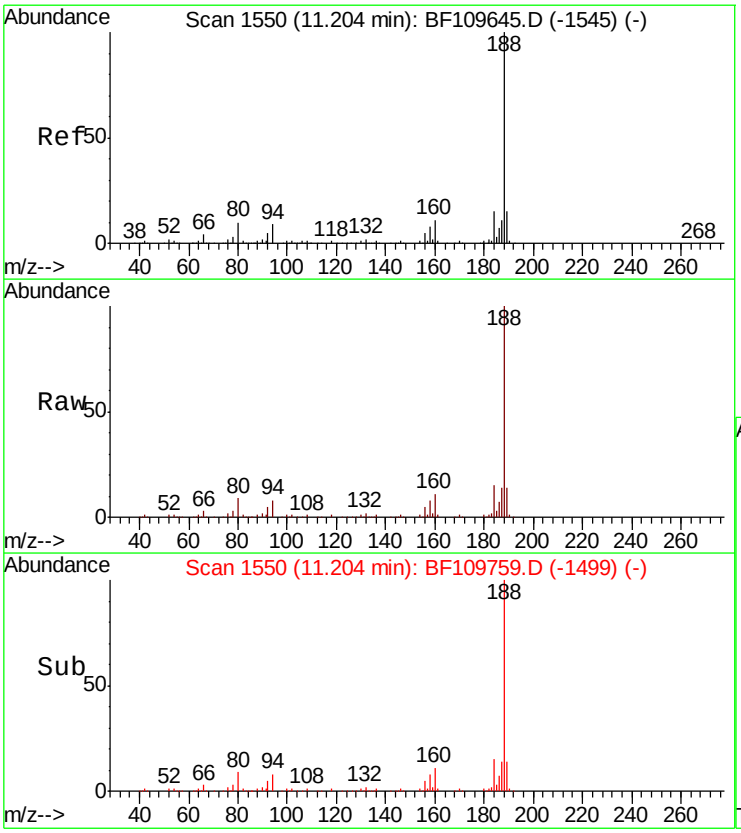
#56
2,4-Dinitrotoluene
Concen: 6.343 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:165 Resp: 20050

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

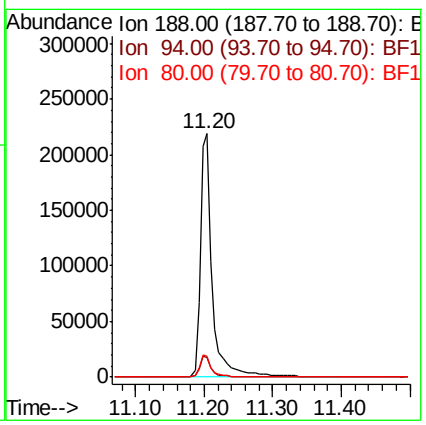


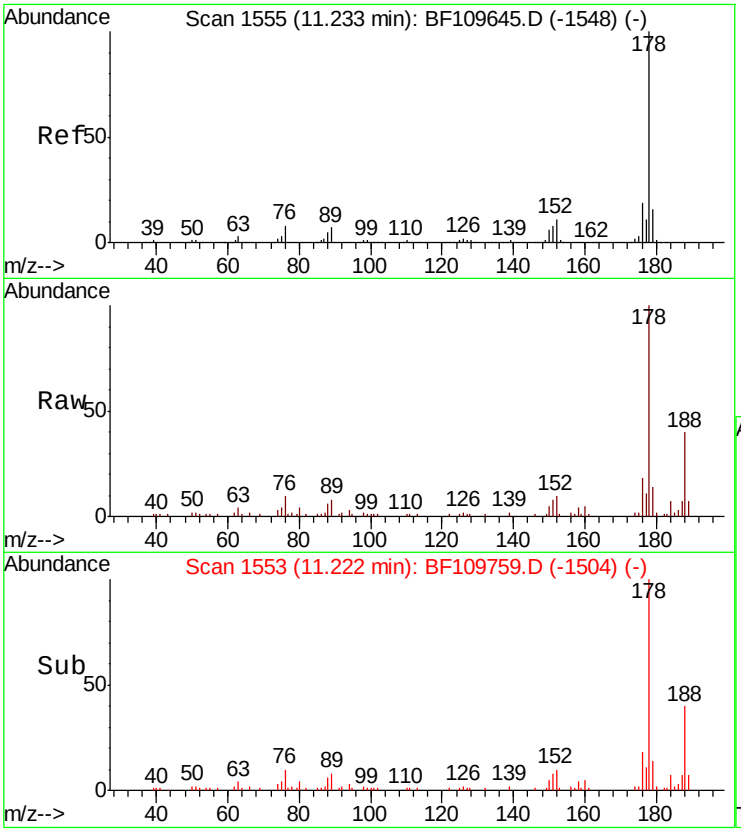


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:188 Resp: 267446

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.7	7.9	11.9



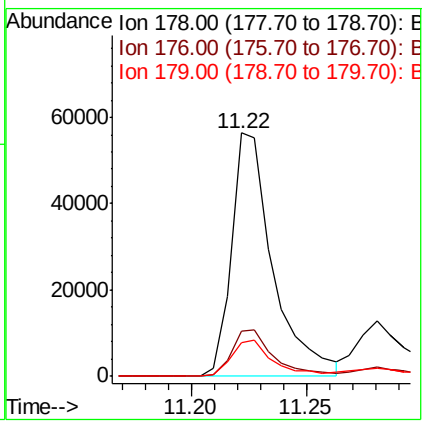


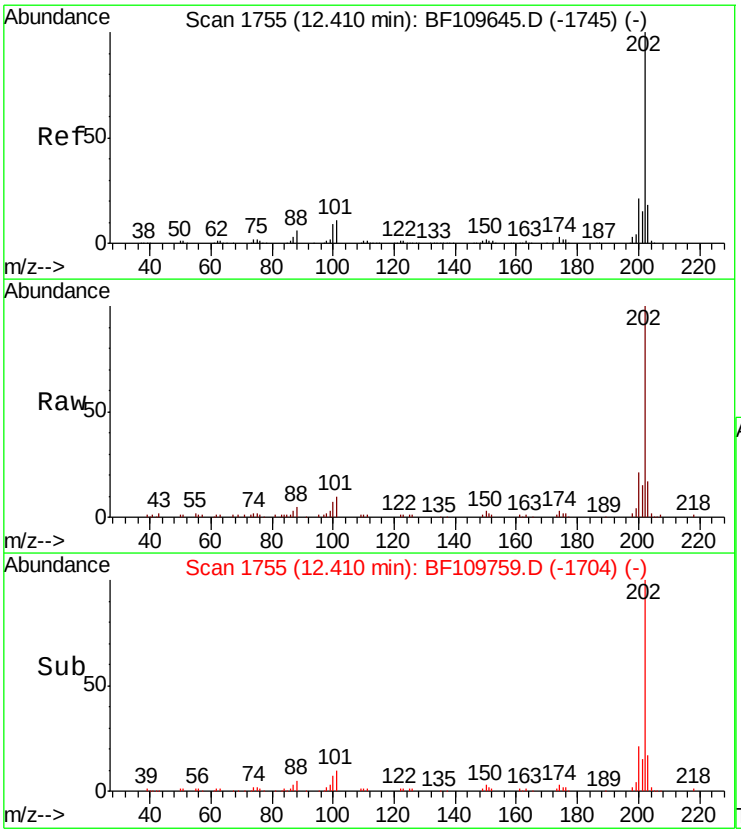
#70
Phenanthrene
Concen: 5.284 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:178 Resp: 70721

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	13.8	12.5	18.7

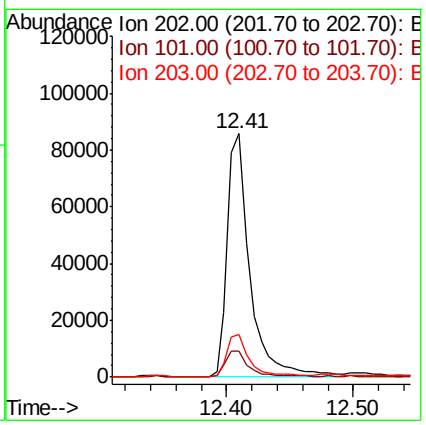


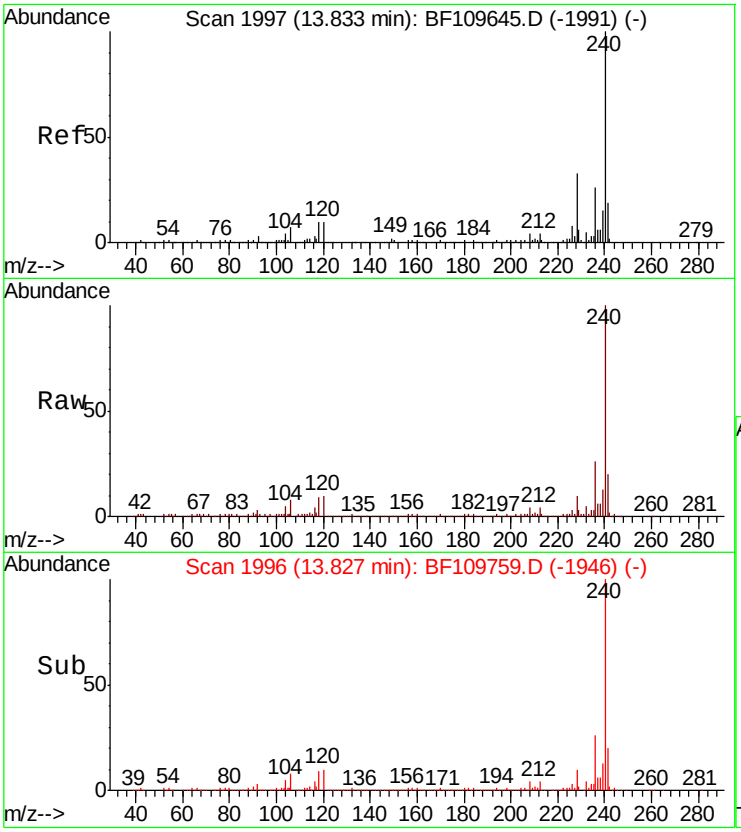


#74
Fluoranthene
Concen: 7.582 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:202 Resp: 106019

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.5	0.0	37.7



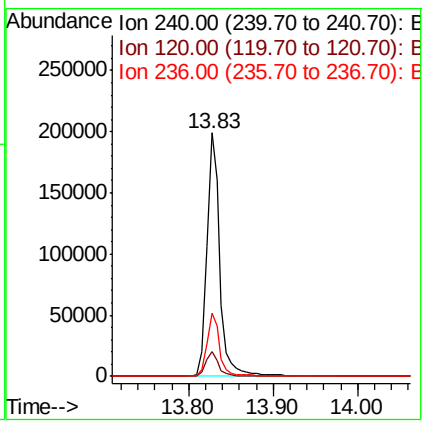


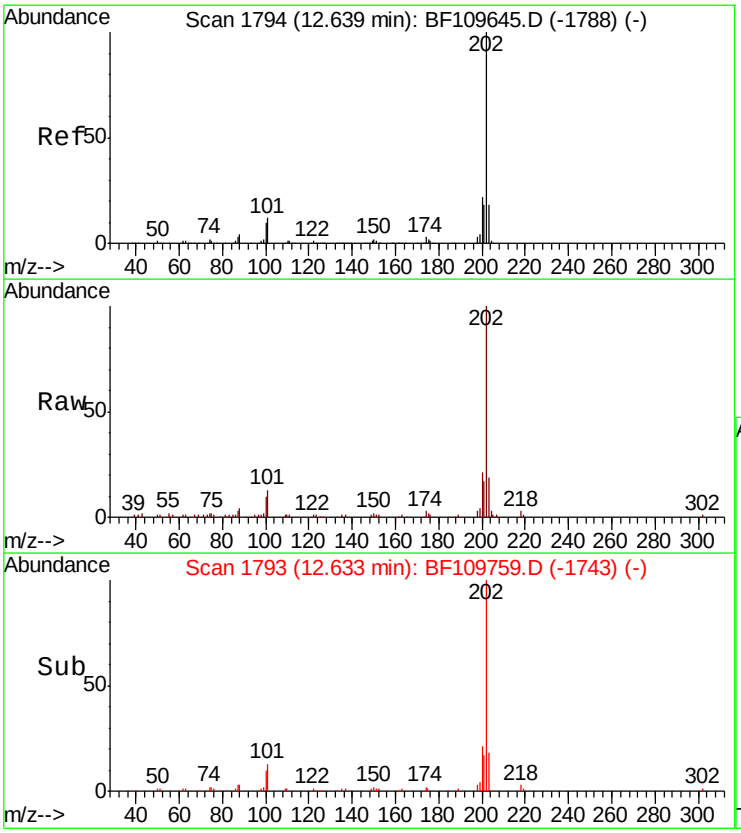
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:240 Resp: 213733

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.7	21.2	31.8

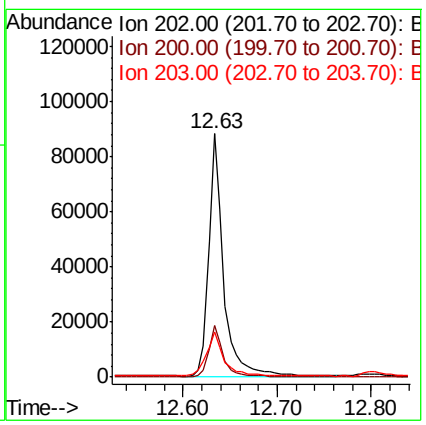


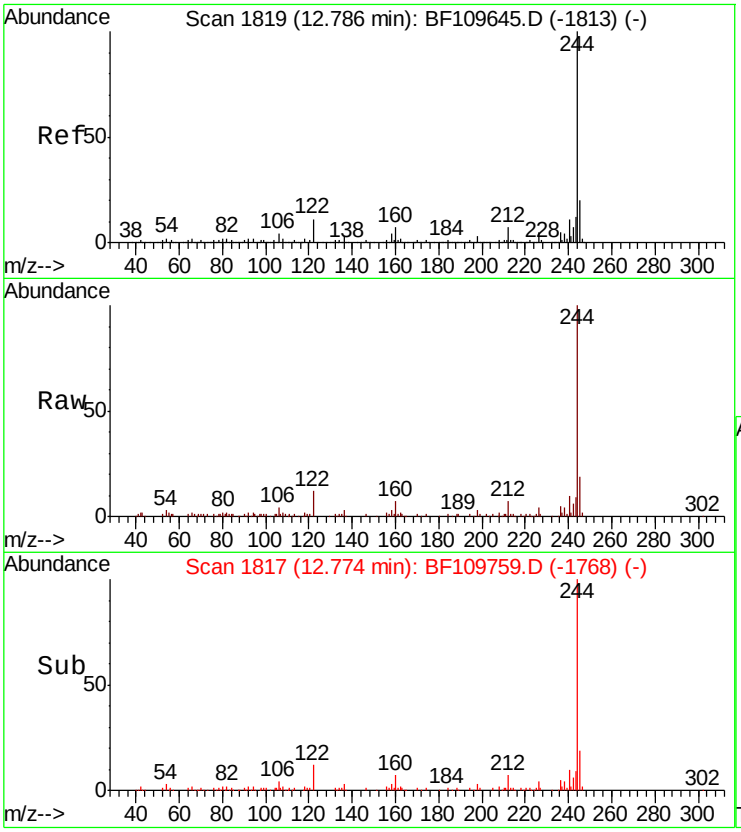


#77
Pyrene
Concen: 6.322 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:202 Resp: 98994

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	18.7	14.2	21.4



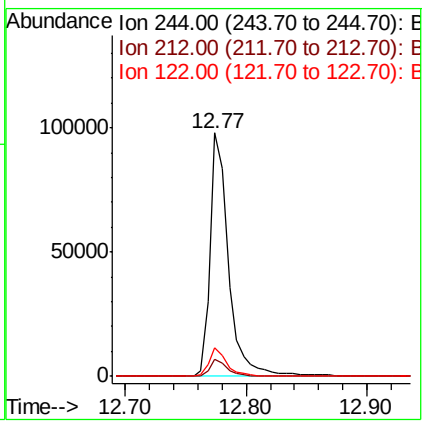


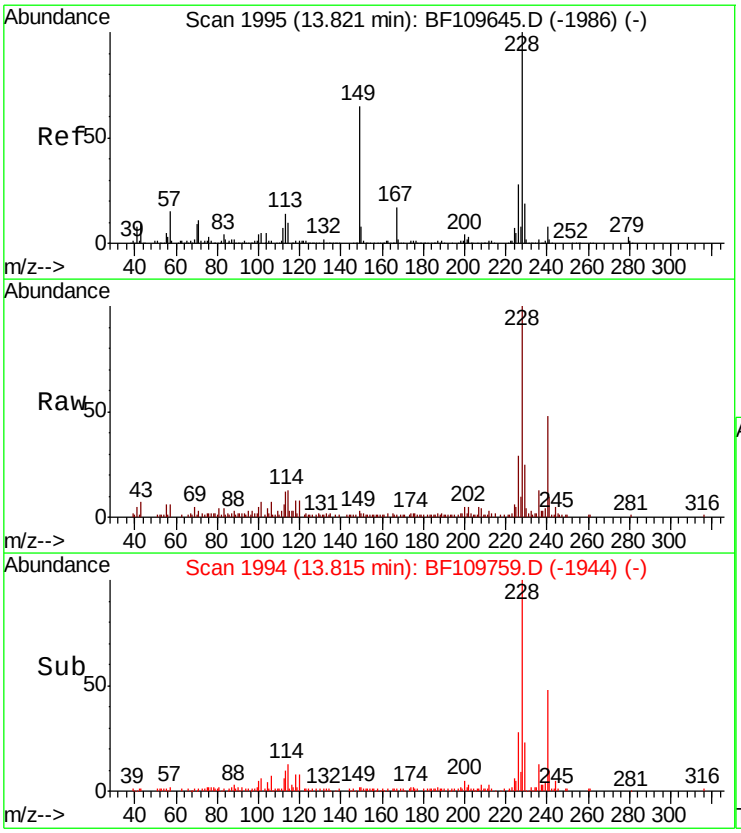
#78
Terphenyl-d14
Concen: 9.266 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:244 Resp: 102307

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.8	8.7	13.1

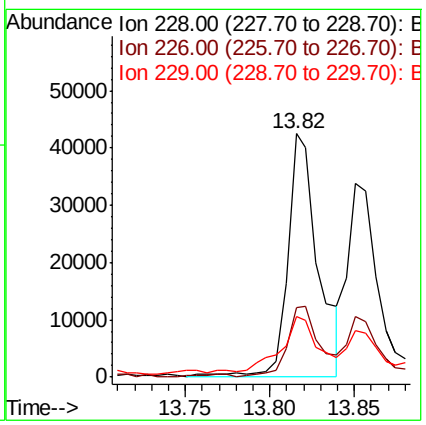


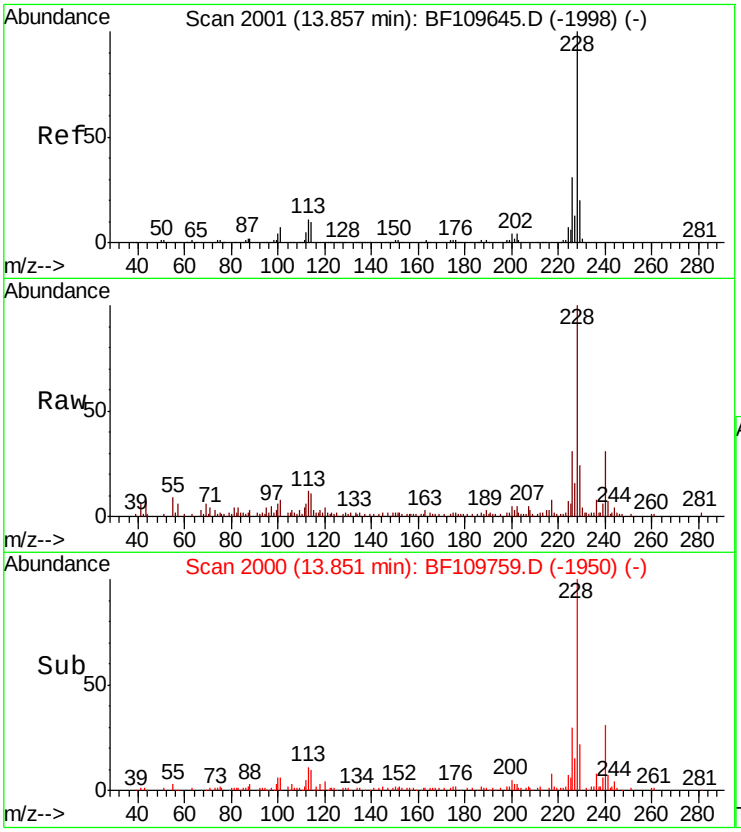


#80
Benzo(a)anthracene
Concen: 4.554 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:228 Resp: 53708

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	24.6	15.6	23.4#



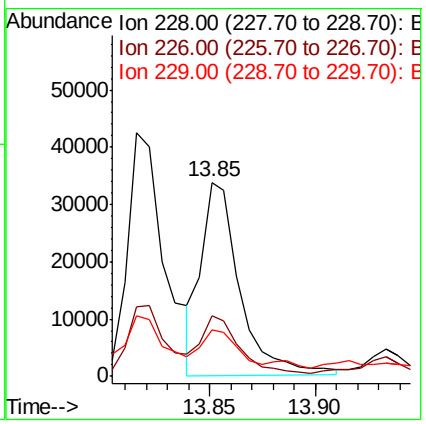


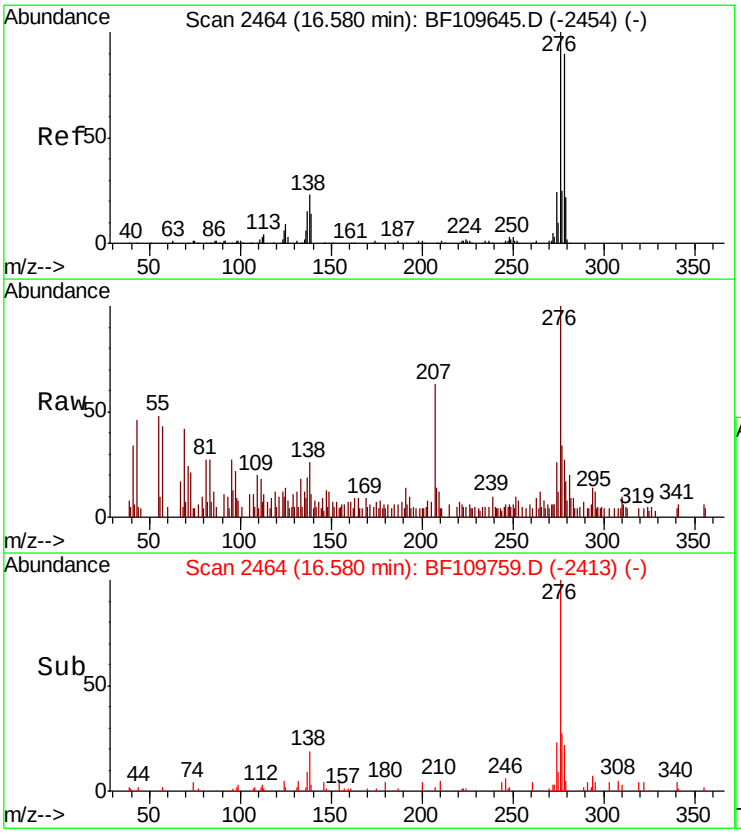
#82
Chrysene
Concen: 3.472 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:228 Resp: 43013

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	23.9	15.9	23.9#

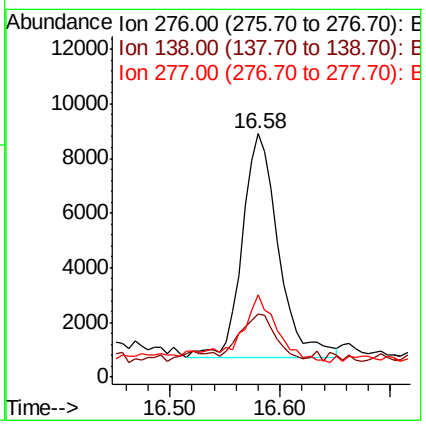


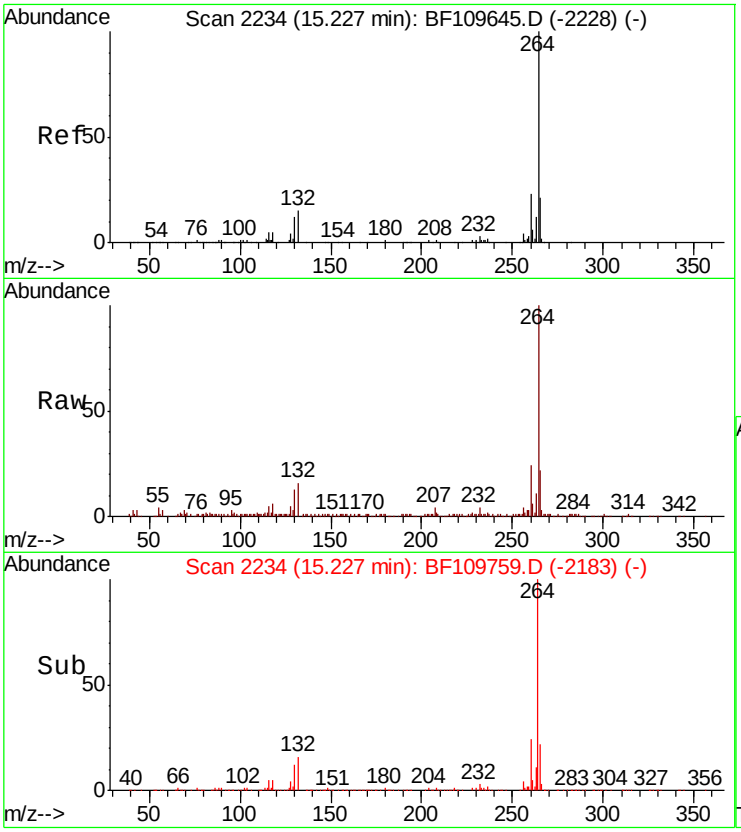


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.122 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:276 Resp: 18814

Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.5	27.7
277	28.1	20.0	30.0



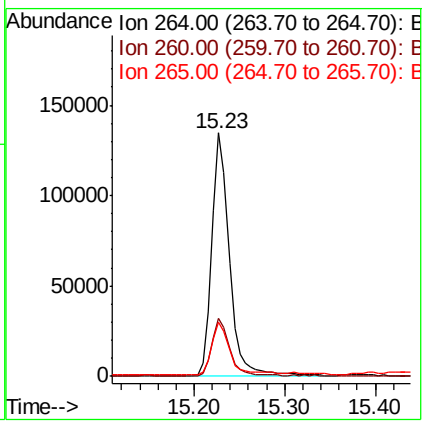


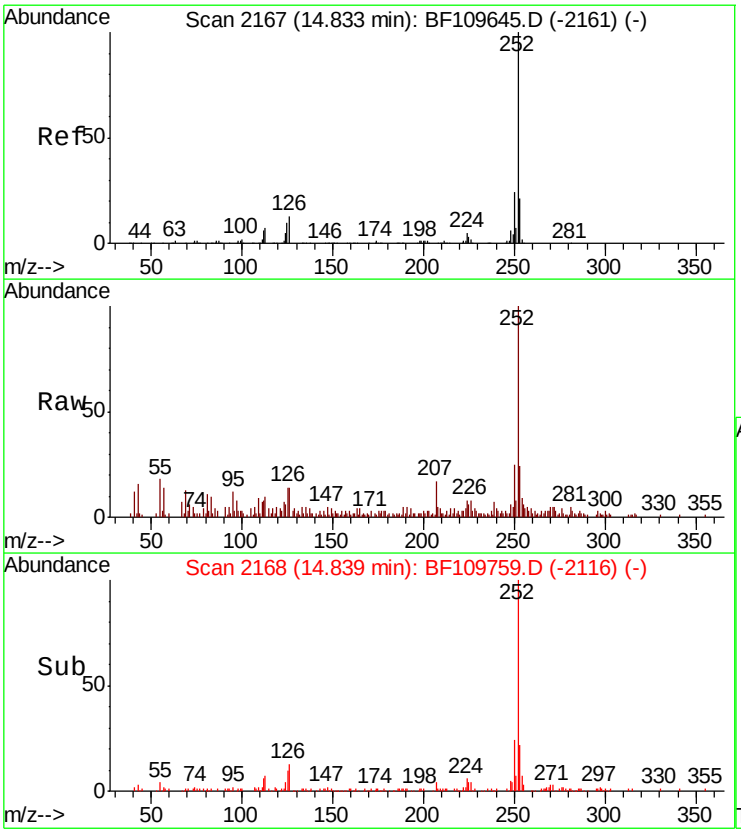
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:264 Resp: 179511

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.1	16.7	25.1

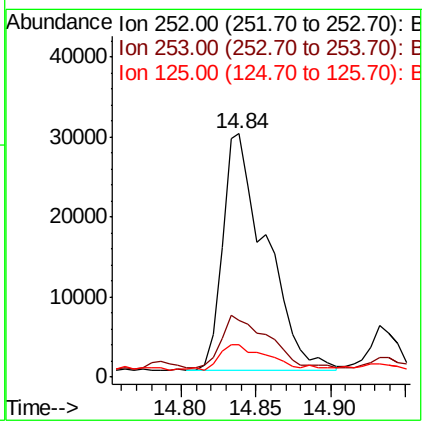


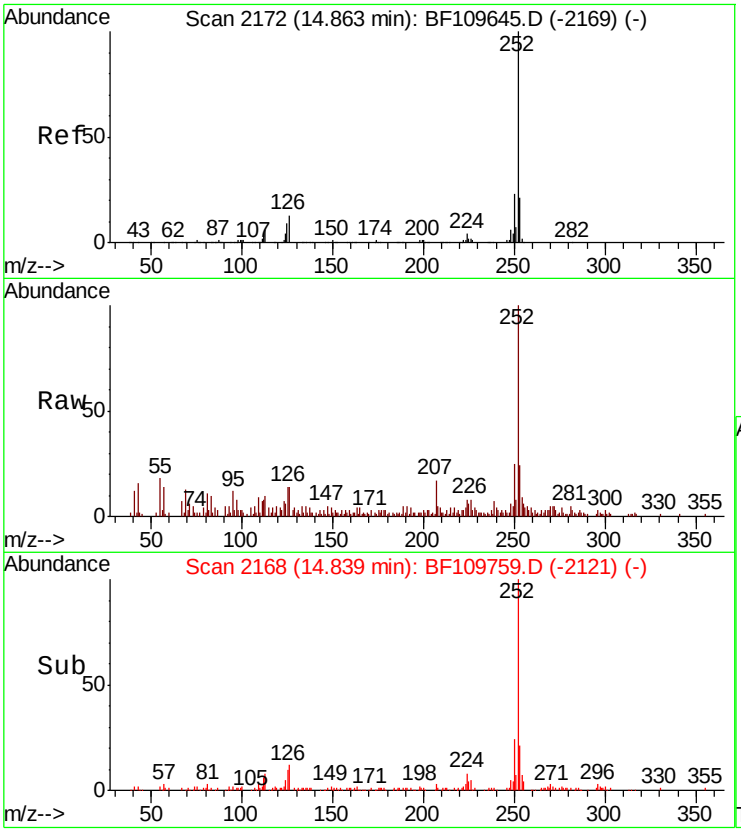


#87
Benzo(b)fluoranthene
Concen: 6.047 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:252 Resp: 59982

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	13.5	8.2	12.4#



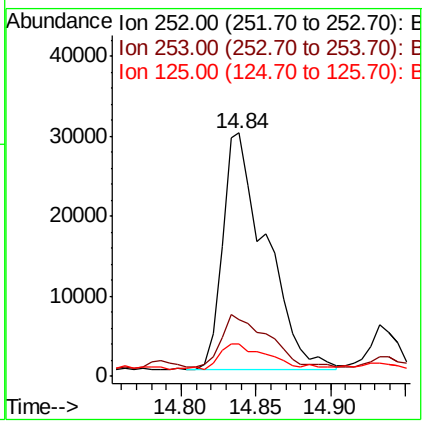


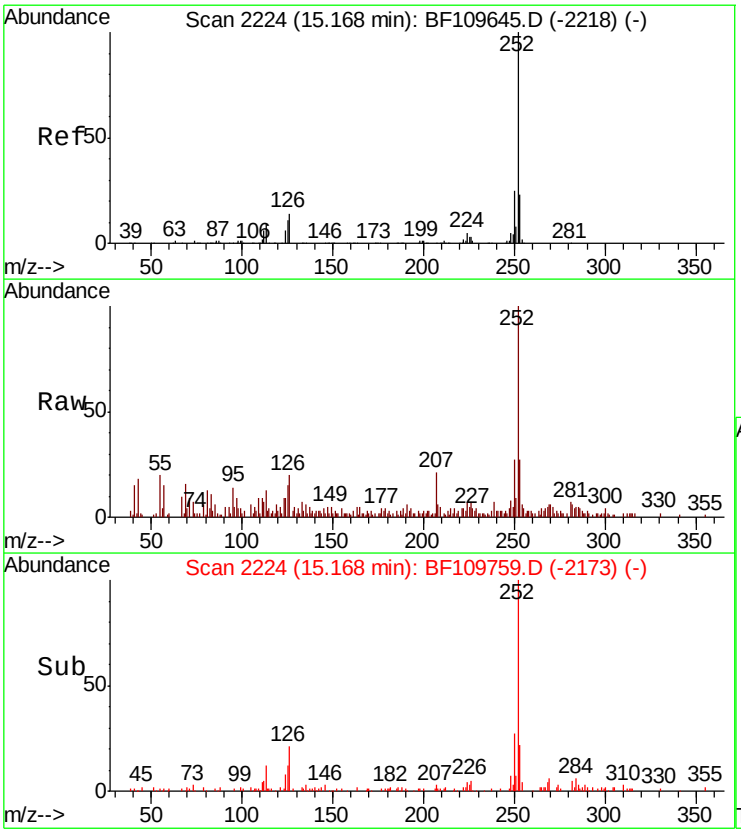
#88
Benzo(k)fluoranthene
Concen: 6.018 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:252 Resp: 59982

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	13.5	7.4	11.0#

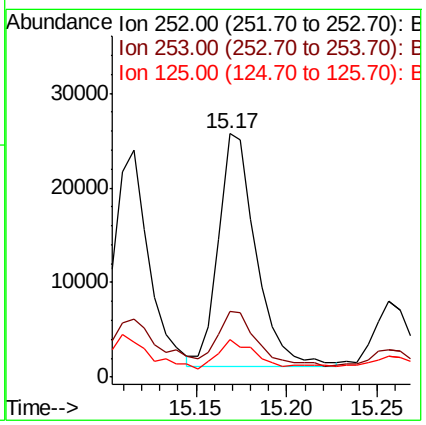


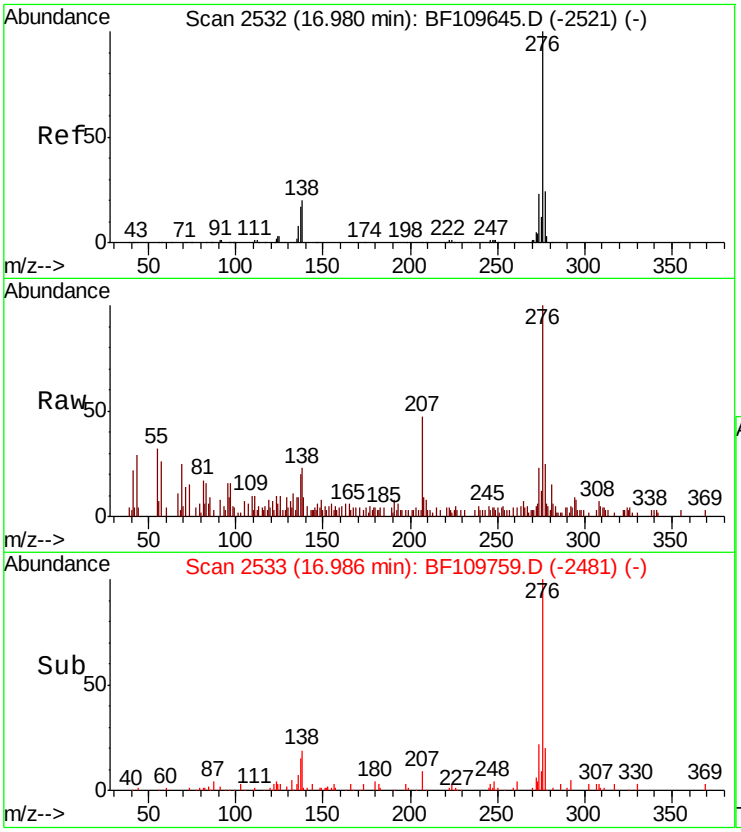


#89
Benzo(a)pyrene
Concen: 3.963 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Tgt Ion:252 Resp: 35676

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.4
125	15.4	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 3.793 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF109759.D
Acq: 10 Oct 2018 23:05

Instrument :
BNA_F
ClientSampleId :
RT1499-3783-RT3026

Tgt Ion:276 Resp: 28005

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	23.0	16.0	24.0