Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108502.D
Acq On : 27 Aug 2018 11:36
Operator : JU/SJ
Sample : J4270-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 27 13:00:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	130530	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	523830	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	269547	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	545106	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	310664	20.00	ng		0.00
86) Perylene-d12	15.75	264	308855	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	110702	15.35	ng		-0.01
7) Phenol-d6	6.61	99	152480	15.92	ng		-0.02
23) Nitrobenzene-d5	7.55	82	100422	10.70	ng		-0.02
41) 2,4,6-Tribromophenol	10.84	330	44925	16.71	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	202144	12.04	ng		-0.01
78) Terphenyl-d14	13.12	244	173892	14.23	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	13089	2.020	ng	#	80
25) Isophorone	7.55	82	100421	5.612	ng	#	64
49) Dimethylphthalate	9.74	163	64754	3.449	ng		99
50) 2,6-Dinitrotoluene	10.04	165	33661	8.569	ng	#	26
56) 2,4-Dinitrotoluene	10.04	165	33661	6.657	ng	#	23
70) Phenanthrene	11.56	178	256052	9.959	ng		99
74) Fluoranthene	12.76	202	646207	23.029	ng		95
77) Pyrene	12.99	202	499558	25.399	ng		99
80) Benzo(a)anthracene	14.18	228	179723	10.080	ng		99
82) Chrysene	14.22	228	223095	13.649	ng		98
85) Indeno(1,2,3-cd)pyrene	17.35	276	130377	9.206	ng	#	88
87) Benzo(b)fluoranthene	15.28	252	381580	20.676	ng	#	97
88) Benzo(k)fluoranthene	15.28	252	381580	22.492	ng	#	96
89) Benzo(a)pyrene	15.68	252	167750	10.151	ng		98
91) Benzo(g,h,i)perylene	17.85	276	124638	9.257	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108502.D
Acq On : 27 Aug 2018 11:36
Operator : JU/SJ
Sample : J4270-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 27 13:00:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
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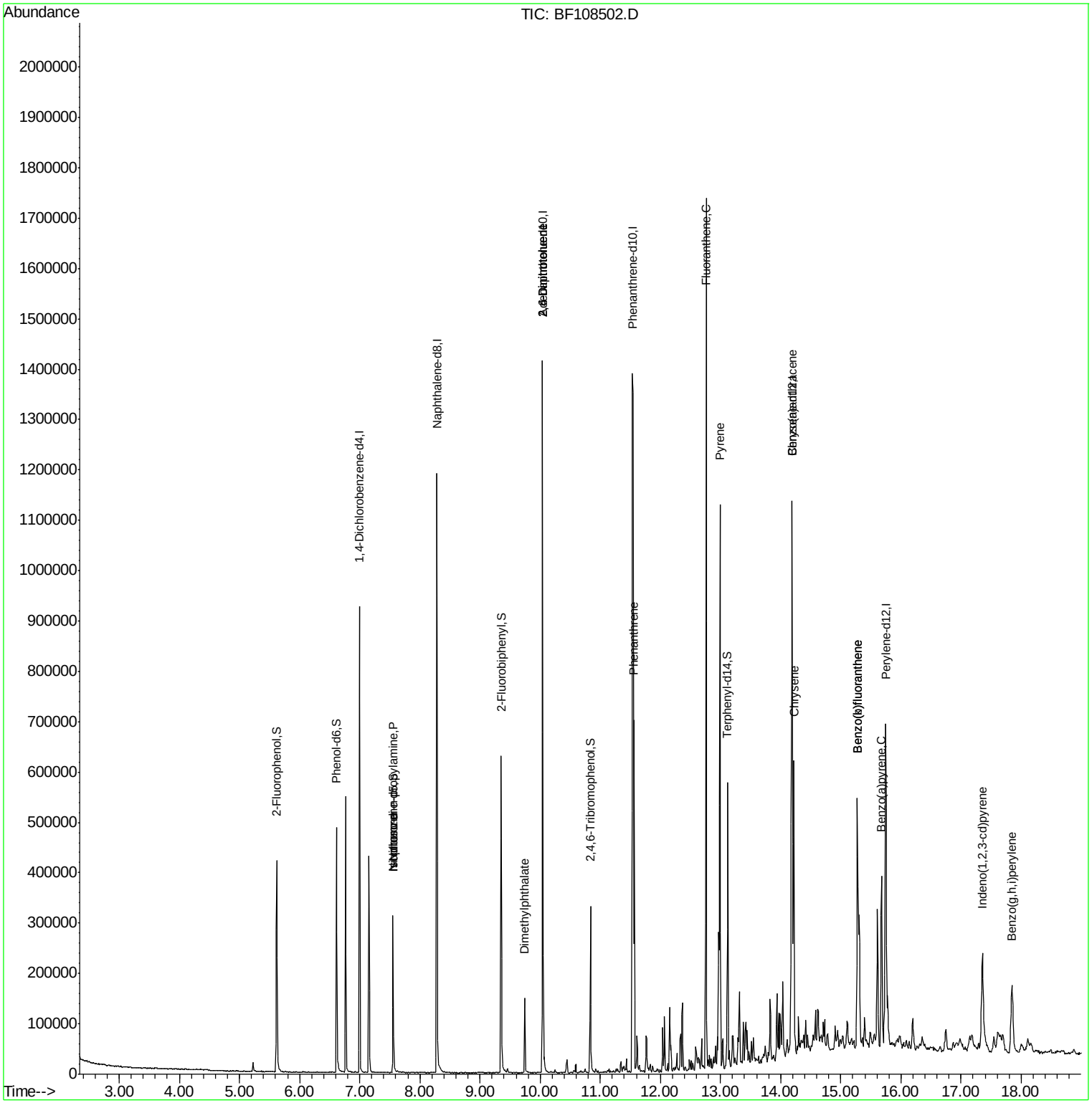
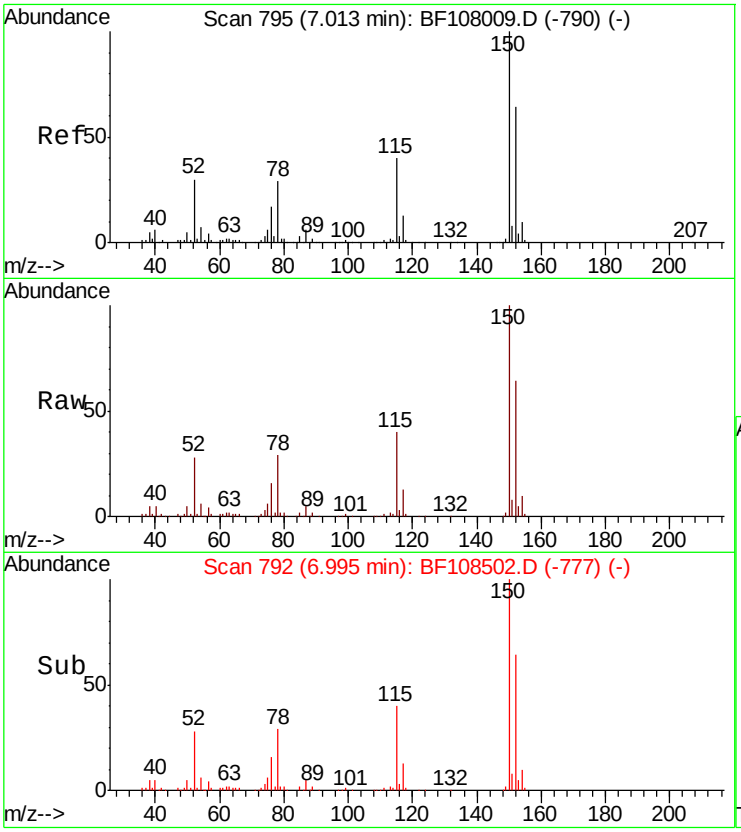


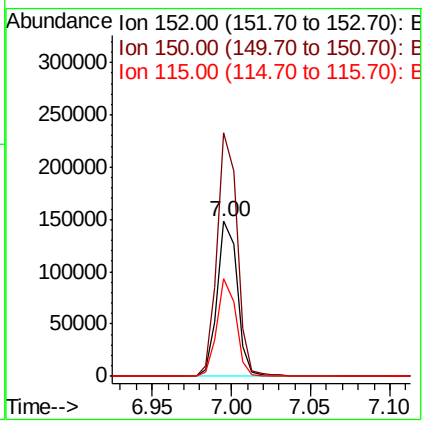


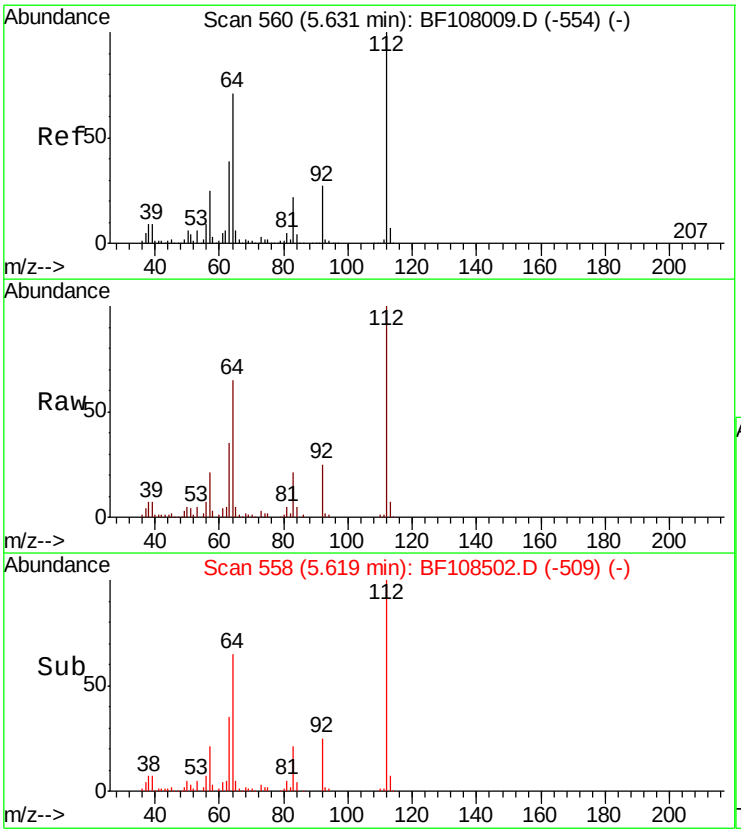
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130530

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	63.6	50.1	75.1

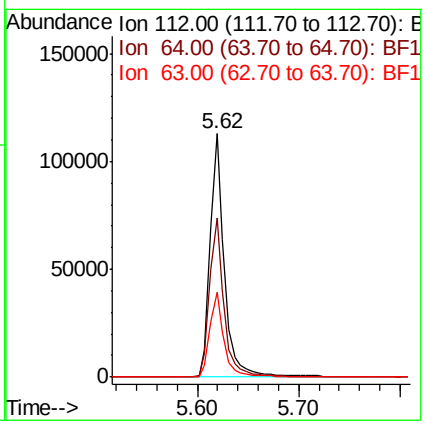


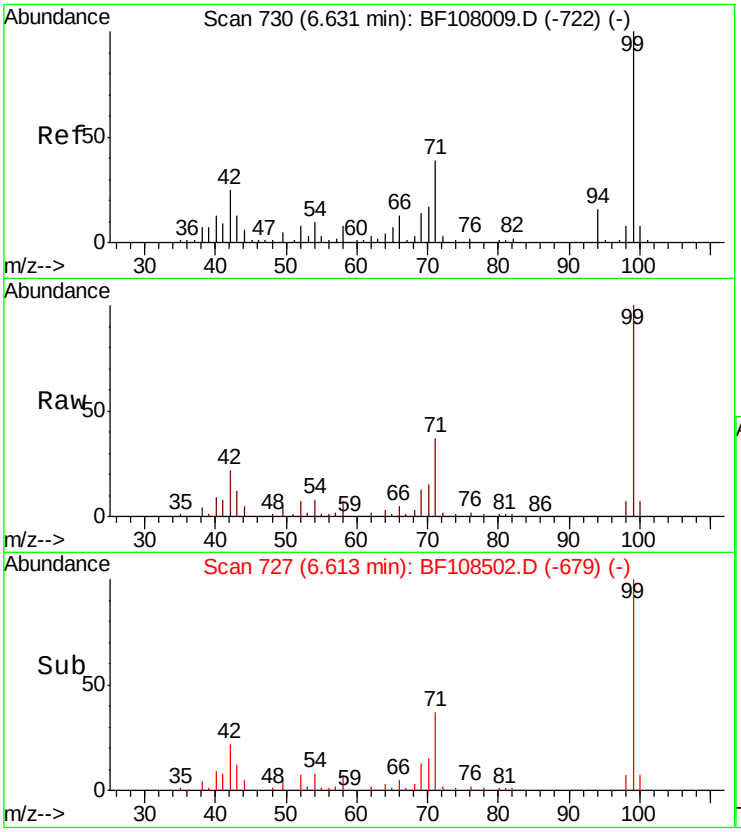


#5
2-Fluorophenol
Concen: 15.354 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:112 Resp: 110702

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	34.7	23.7	35.5



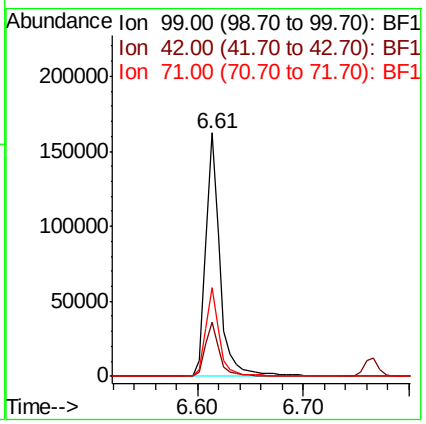


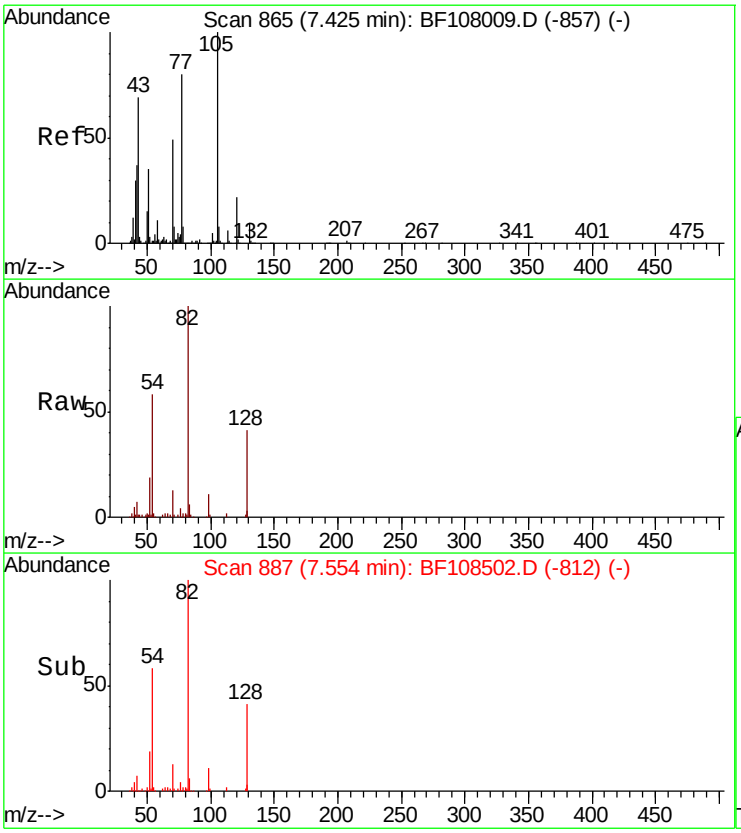
#7
Phenol-d6
Concen: 15.915 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 152480

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	36.6	25.4	38.0

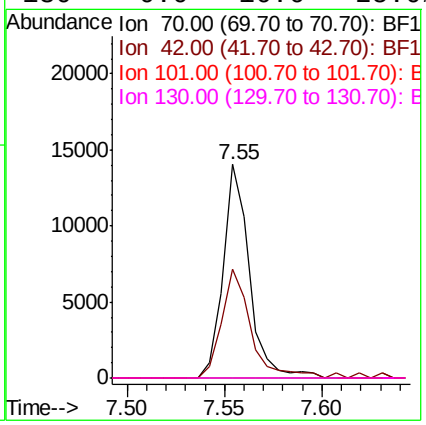


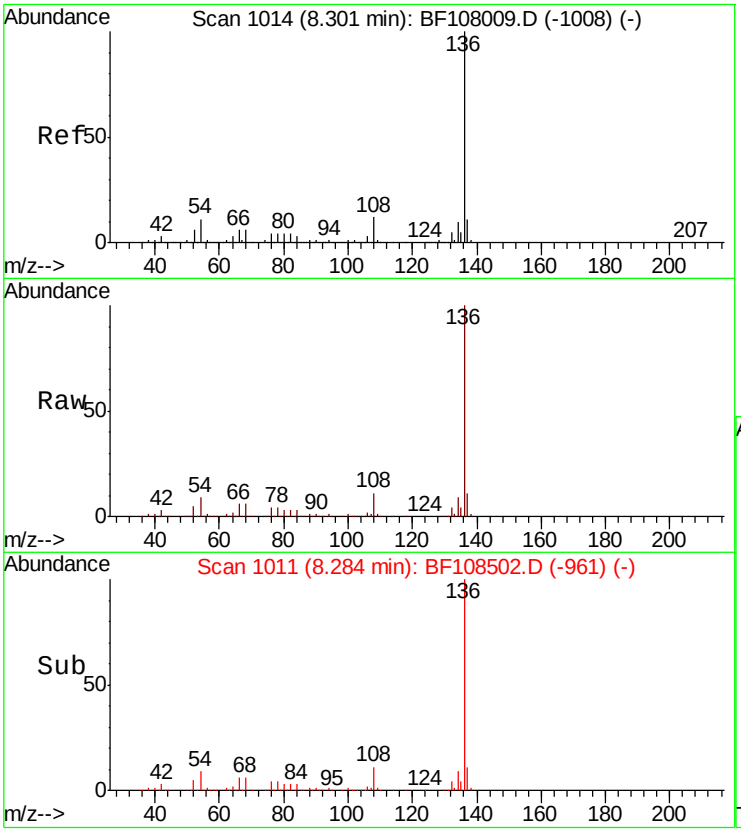


#19
n-Nitroso-di-n-propylamine
Concen: 2.020 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion: 70 Resp: 13089

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



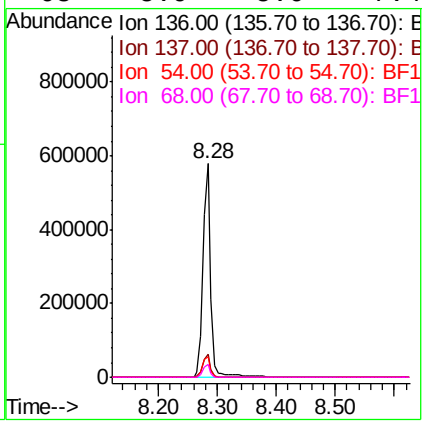


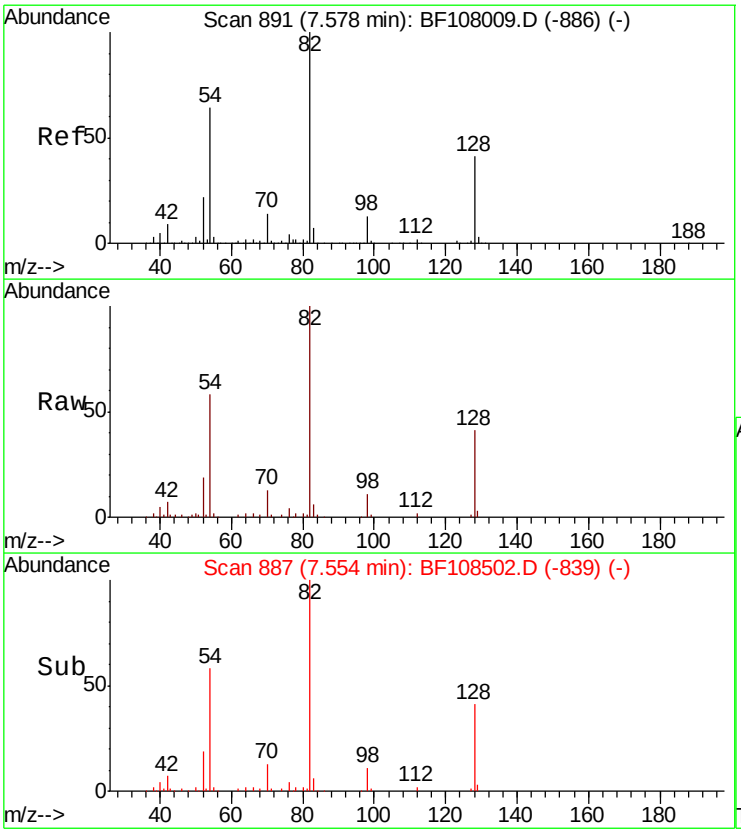
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 523830

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.4	6.6	9.8
68	5.9	5.0	7.4

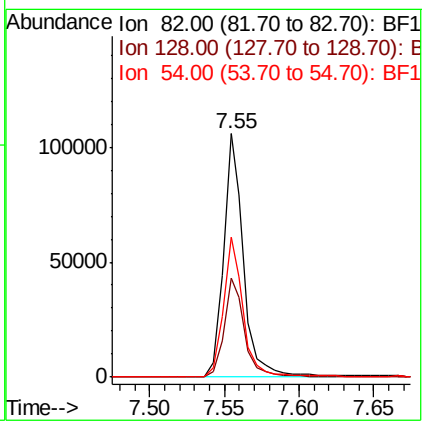


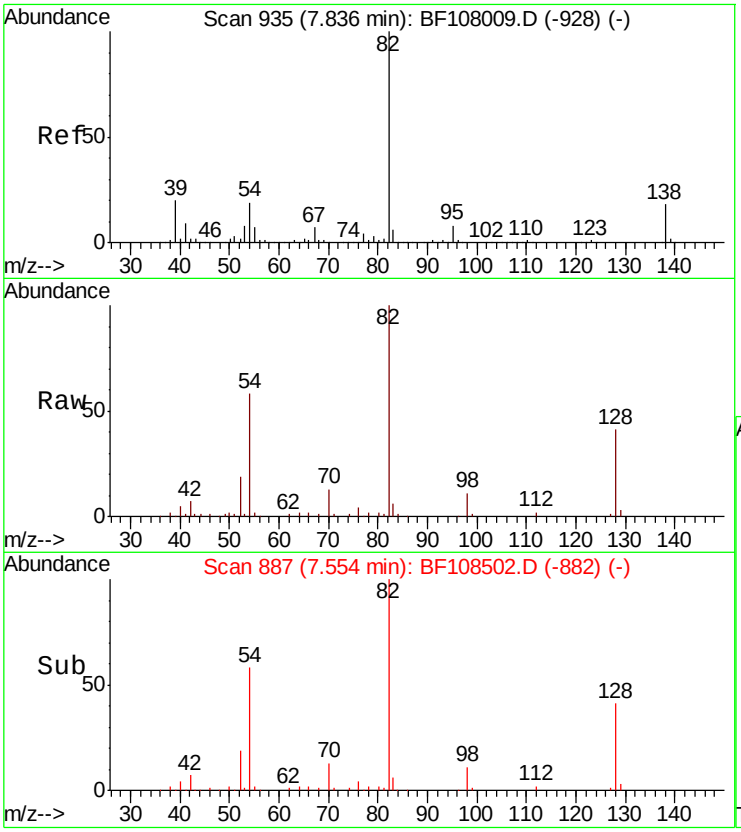


#23
Nitrobenzene-d5
Concen: 10.698 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion: 82 Resp: 100422

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	57.6	41.4	62.2



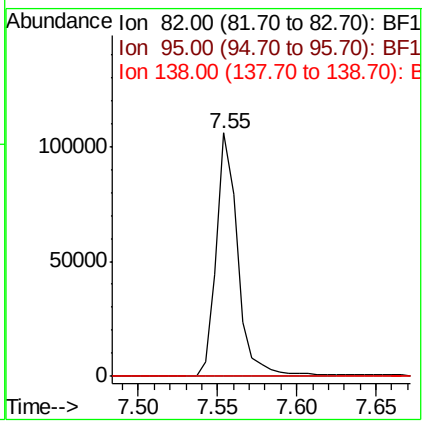


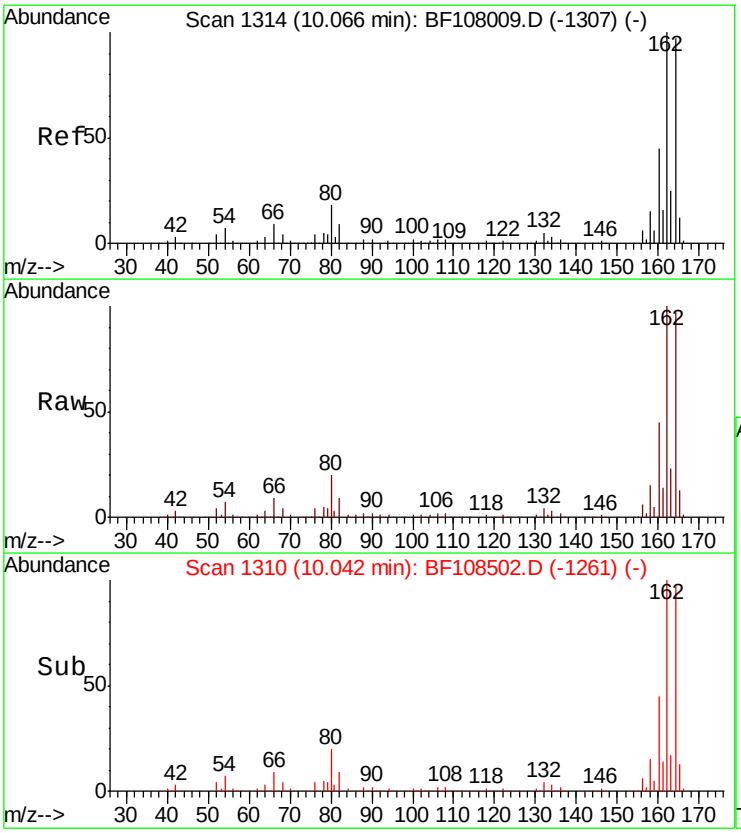
#25
Isophorone
Concen: 5.612 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.27 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 100421

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

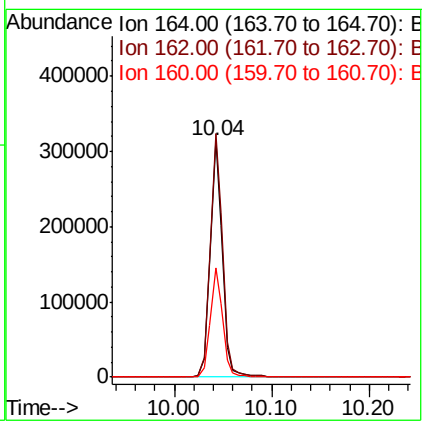


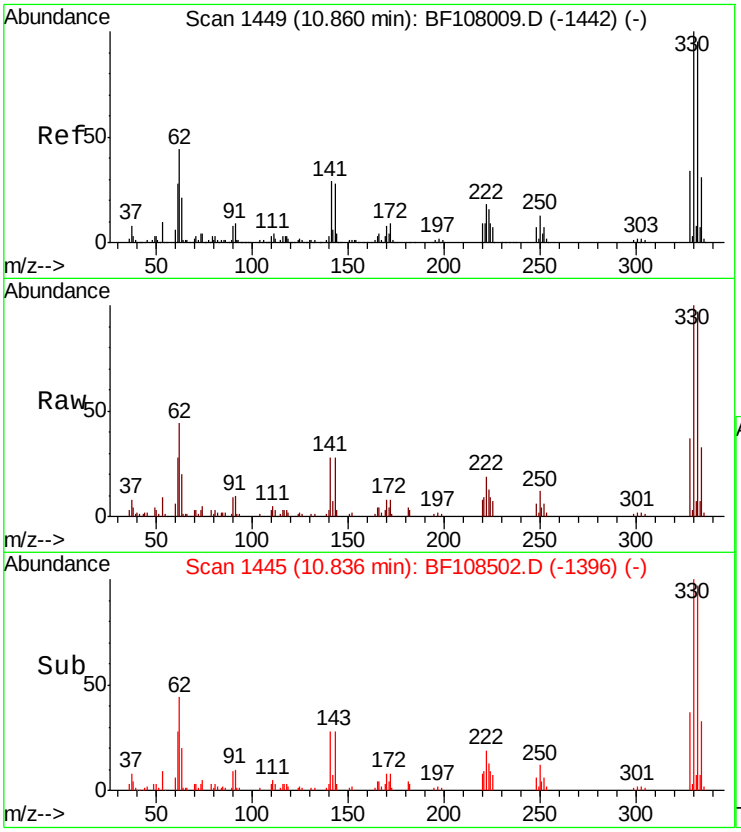


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:164 Resp: 269547

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.9	38.3	57.5



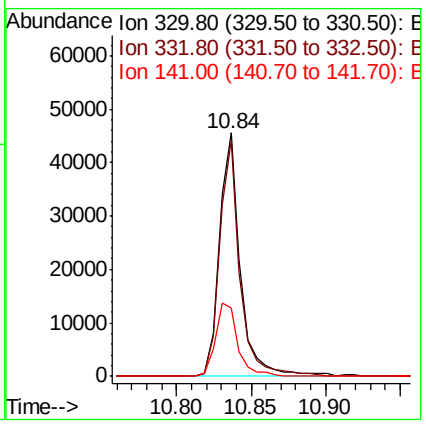


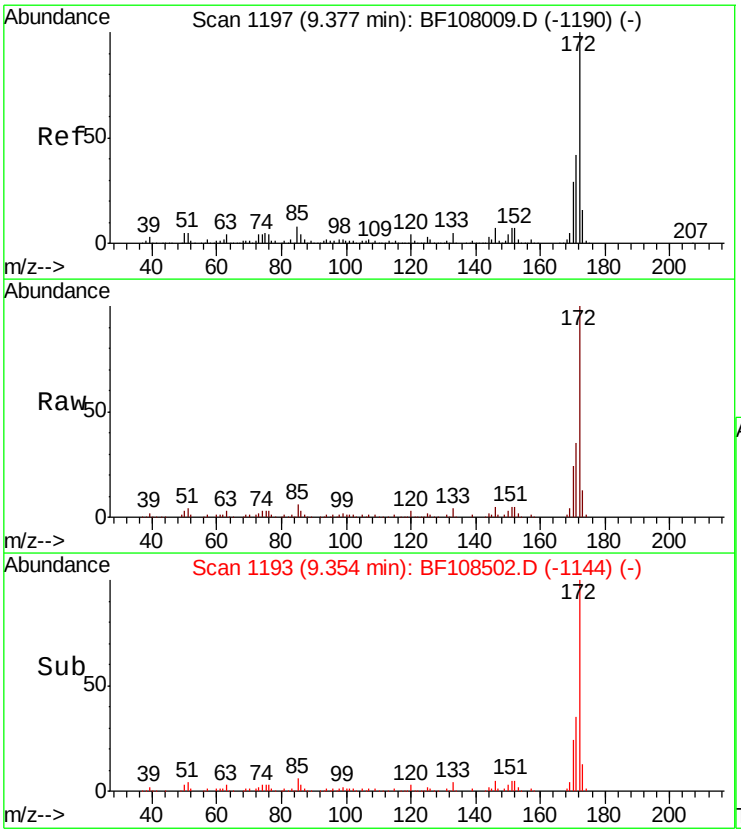
#41
2,4,6-Tribromophenol
Concen: 16.709 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 44925

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	32.1	29.9	44.9

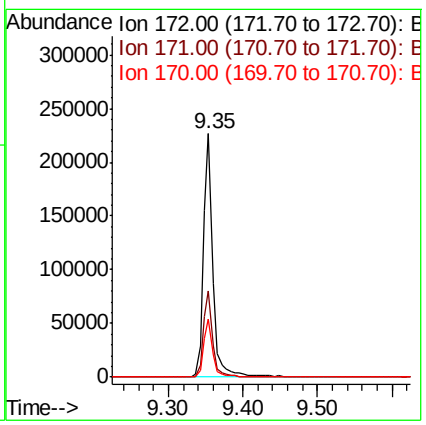


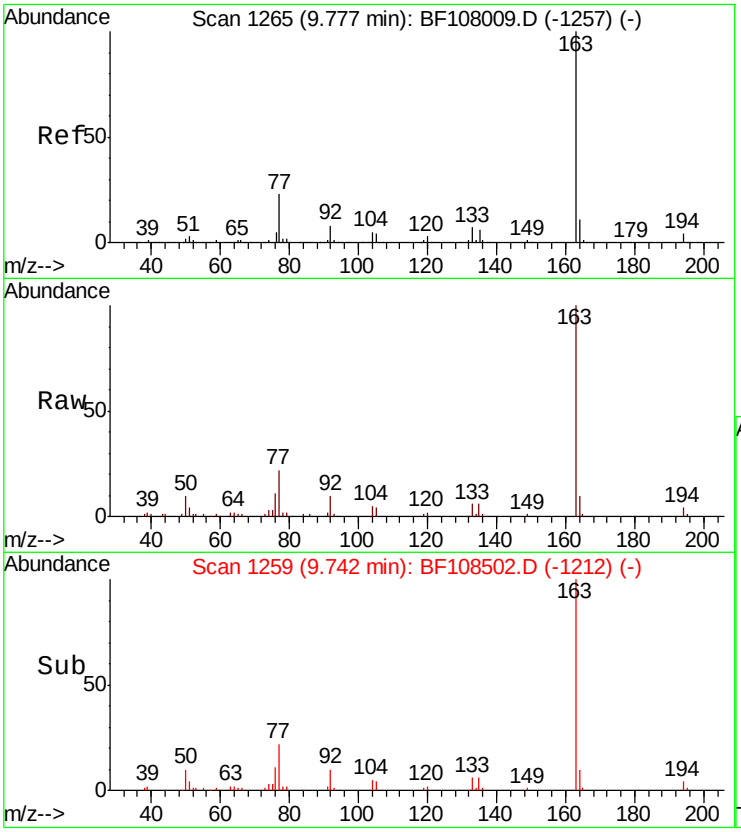


#44
2-Fluorobiphenyl
Concen: 12.040 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:172 Resp: 202144

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	19.6	29.4



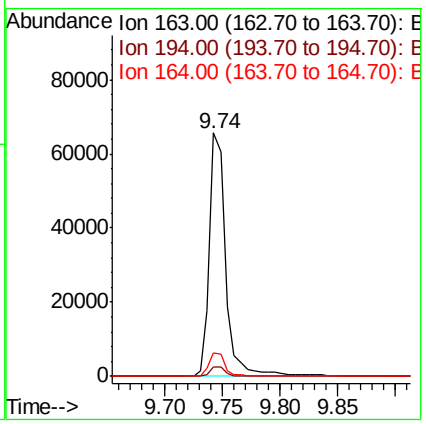


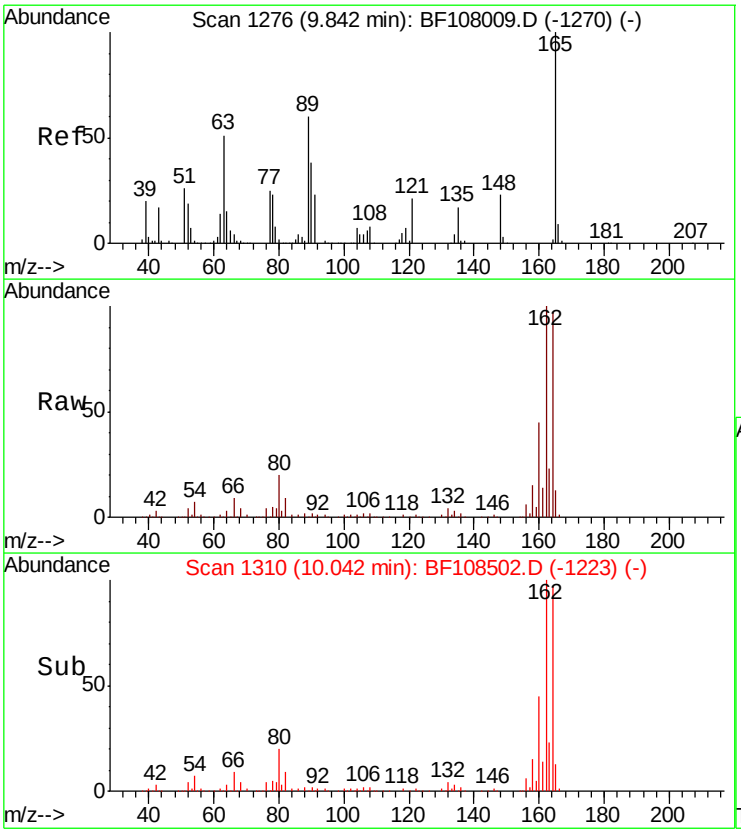
#49
Dimethylphthalate
Concen: 3.449 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 64754

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

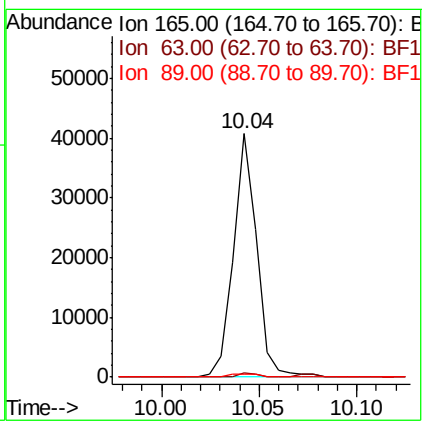


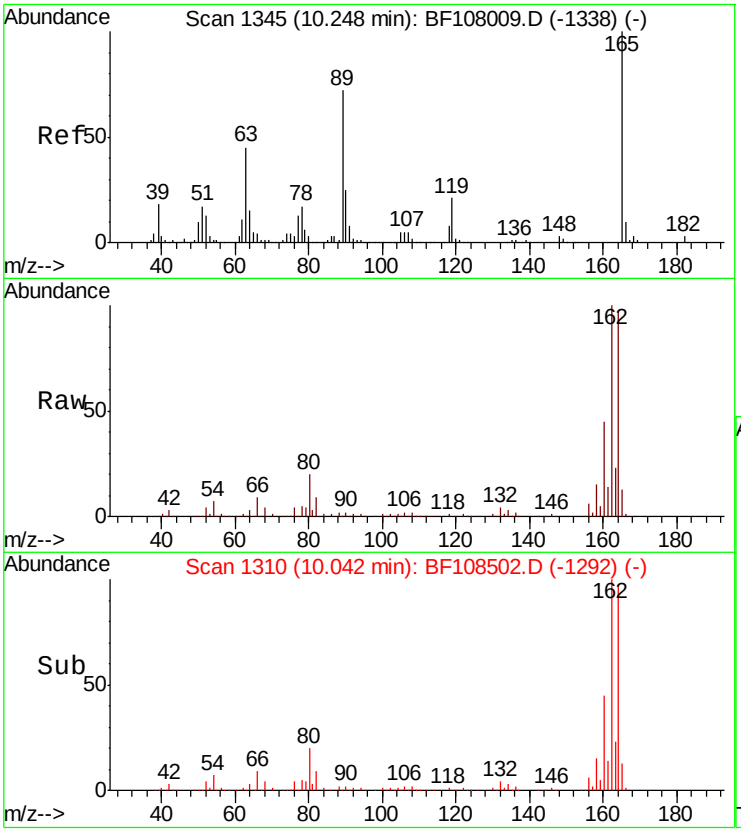


#50
2,6-Dinitrotoluene
Concen: 8.569 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:165 Resp: 33661

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.2	44.0	66.0#



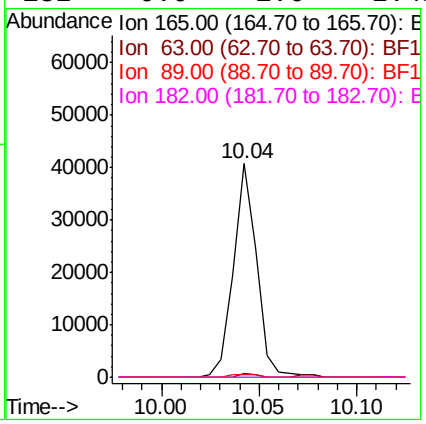


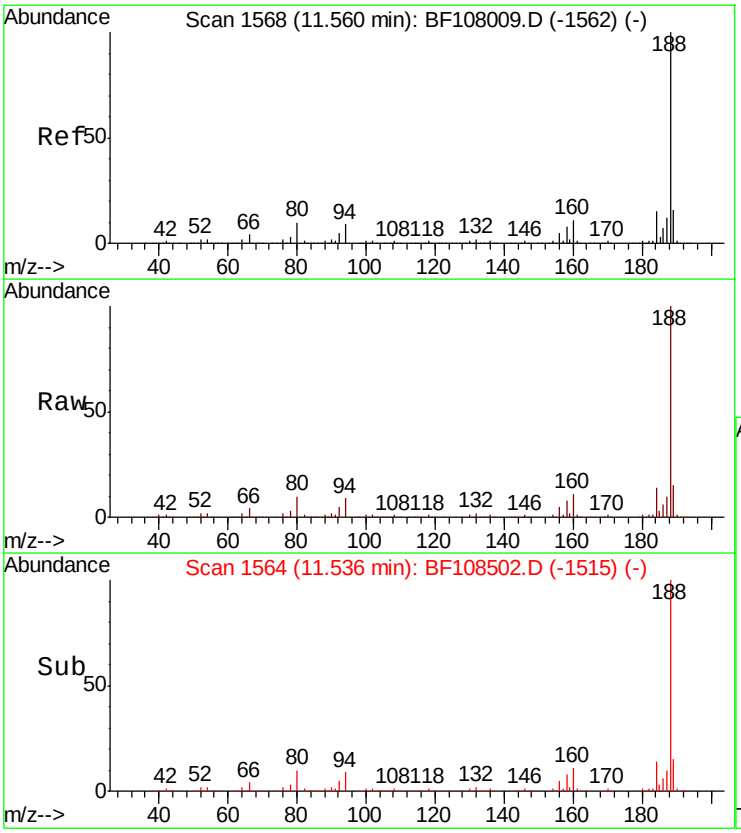
#56
2,4-Dinitrotoluene
Concen: 6.657 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33661

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

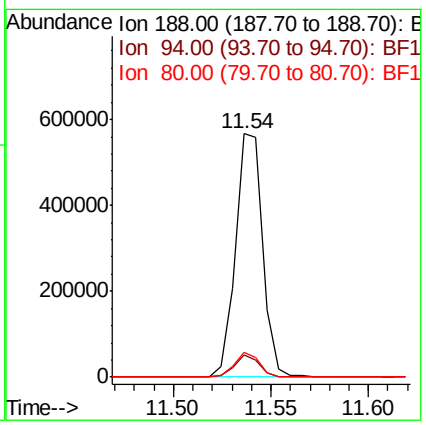


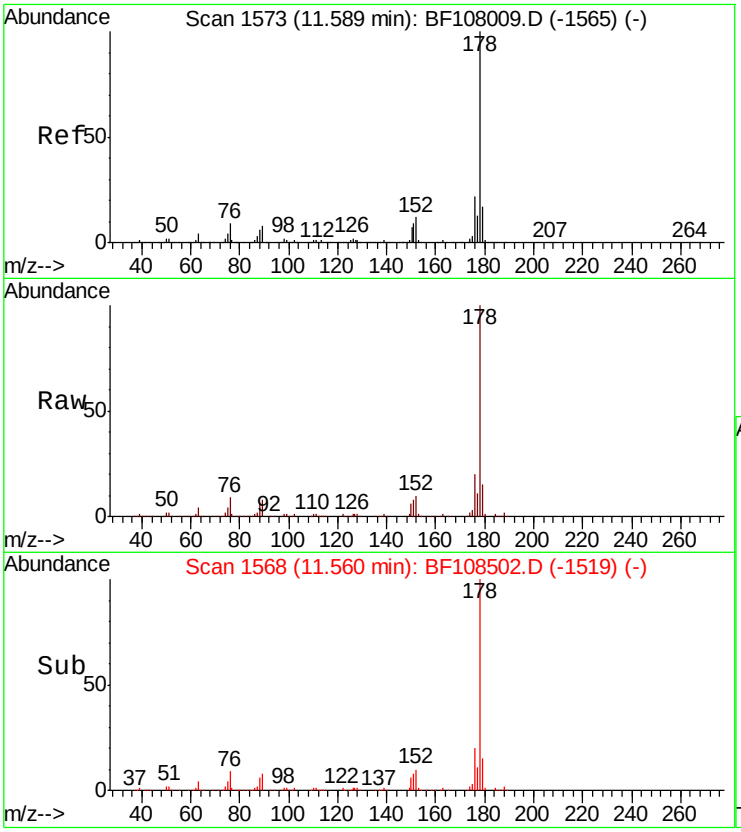


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:188 Resp: 545106

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.1	9.2	13.8



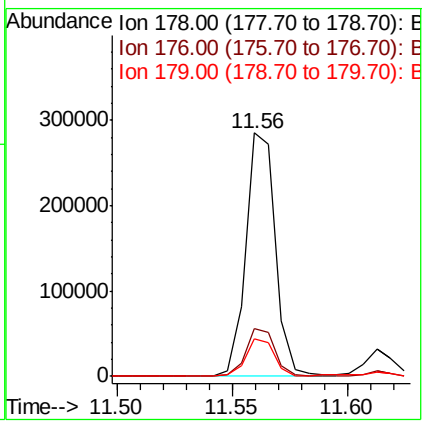


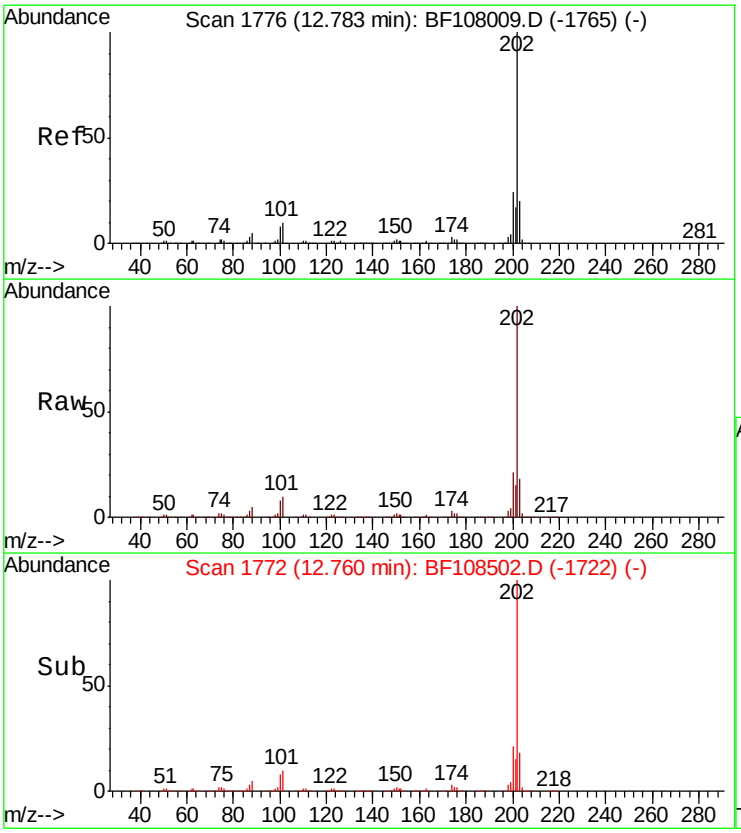
#70
Phenanthrene
Concen: 9.959 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 256052

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.4	13.0	19.6

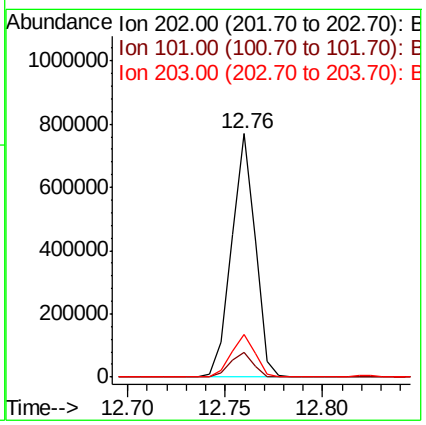


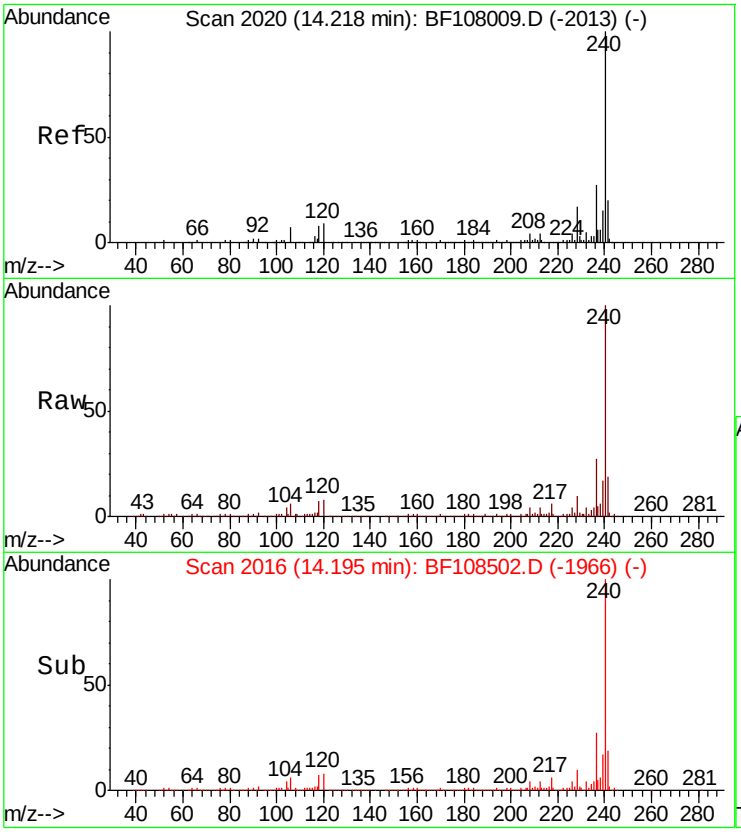


#74
Fluoranthene
Concen: 23.029 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:202 Resp: 646207

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.7	0.0	38.1



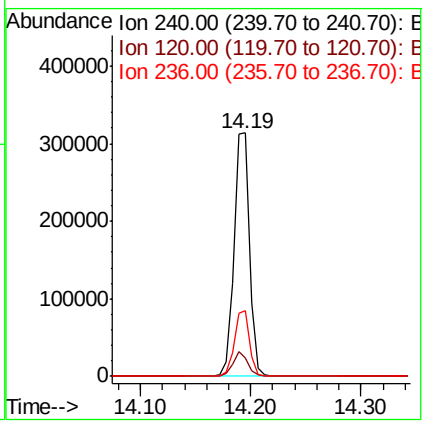


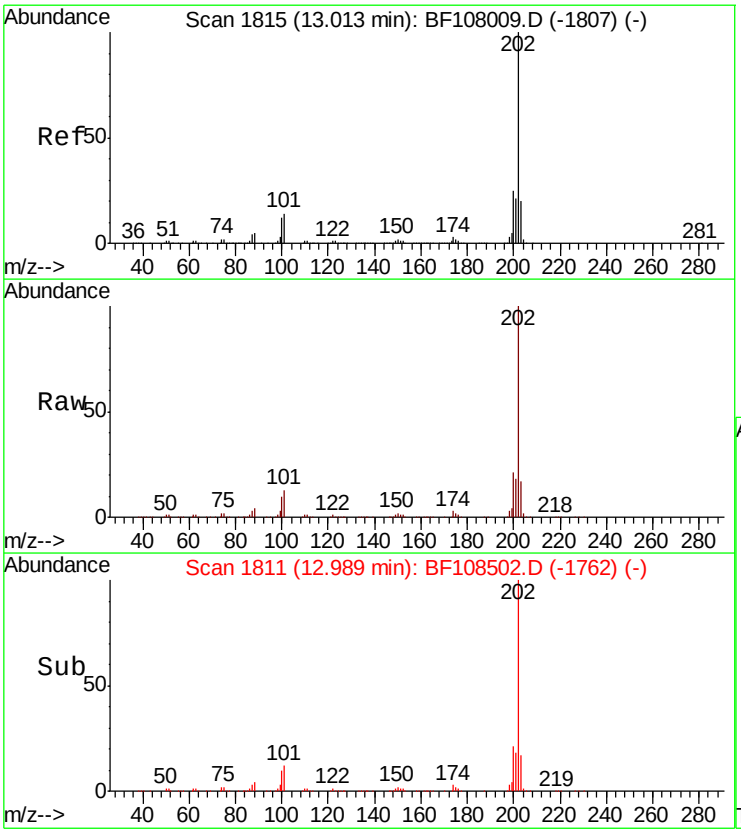
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 310664

Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	27.1	20.7	31.1

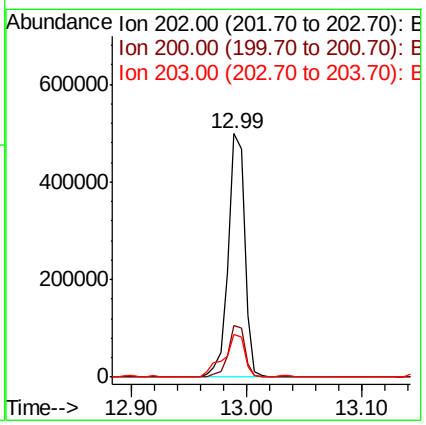


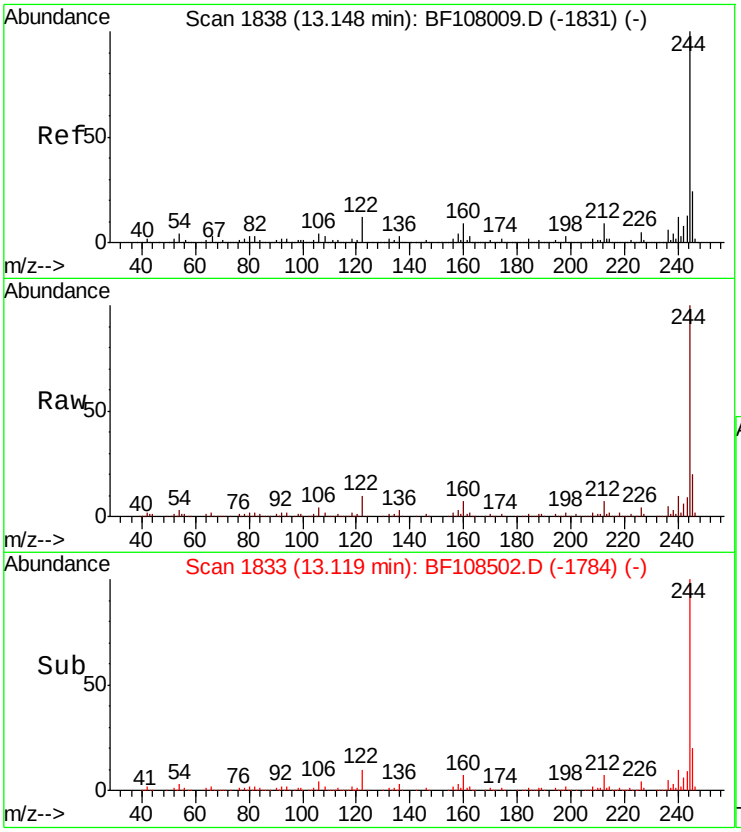


#77
Pyrene
Concen: 25.399 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:202 Resp: 499558

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.5	14.3	21.5



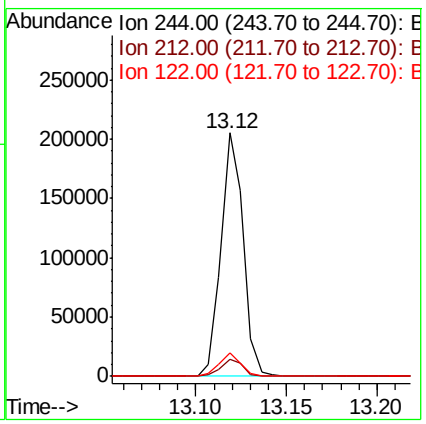


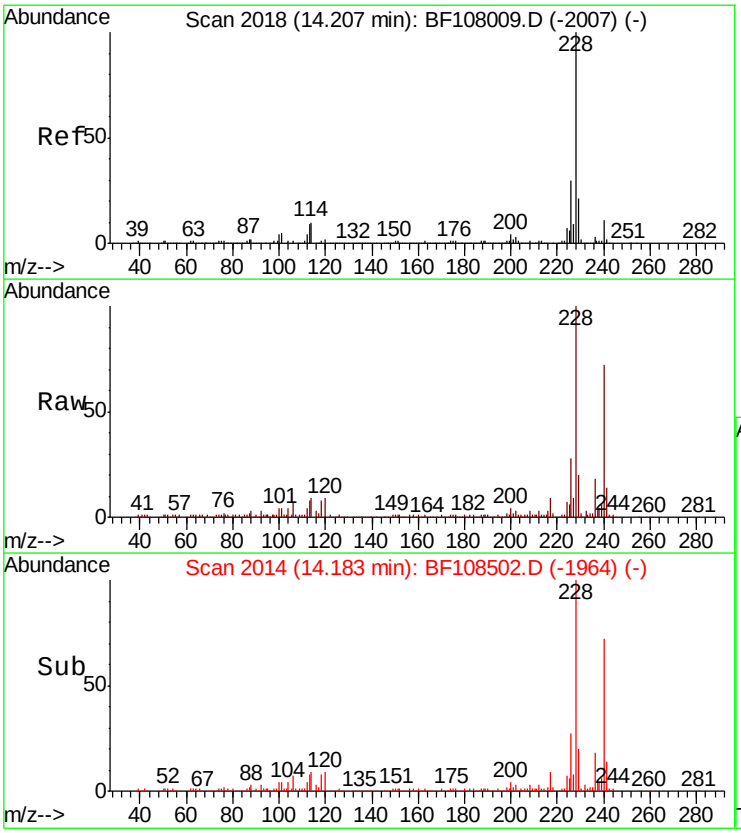
#78
Terphenyl-d14
Concen: 14.232 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 173892

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.7	11.0	16.4#

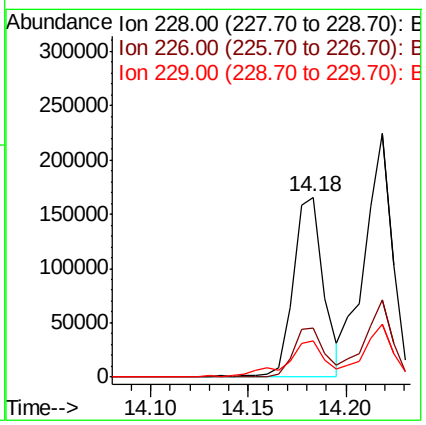


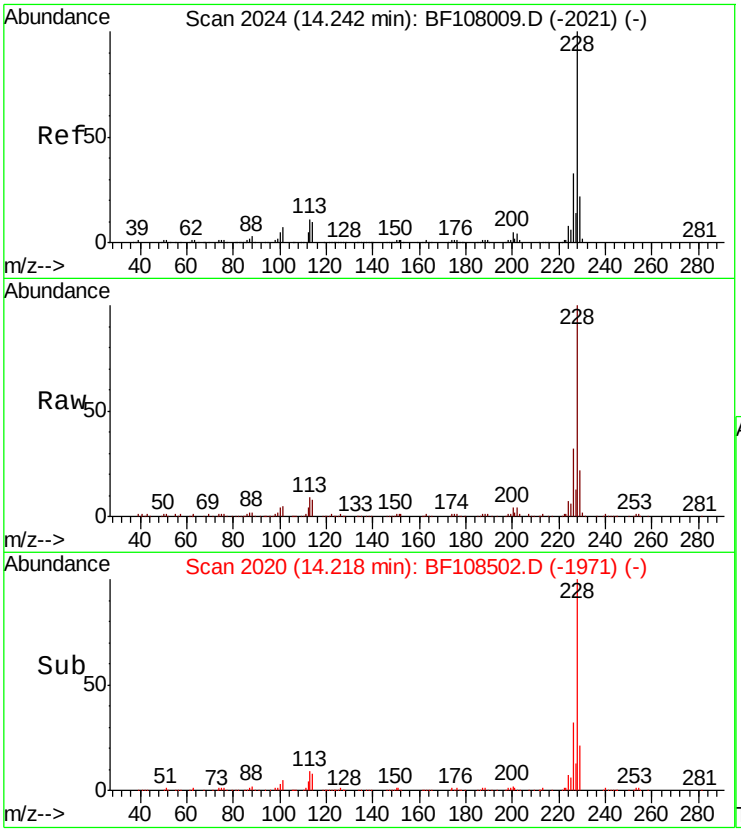


#80
Benzo(a)anthracene
Concen: 10.080 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:228 Resp: 179723

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.4	15.8	23.6



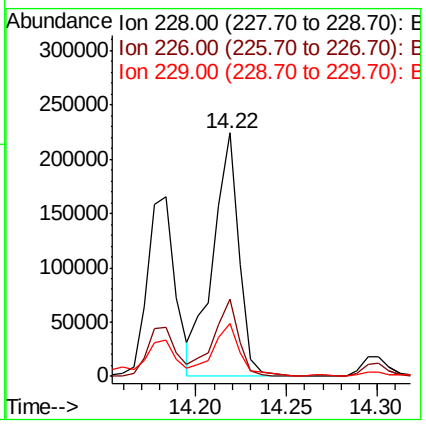


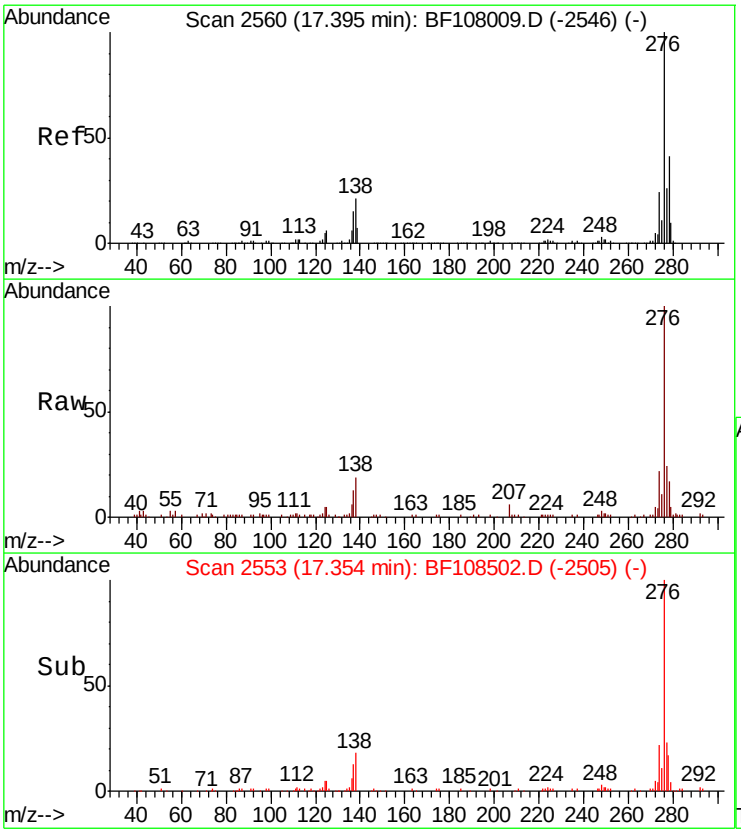
#82
Chrysene
Concen: 13.649 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 223095

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	21.6	16.2	24.4

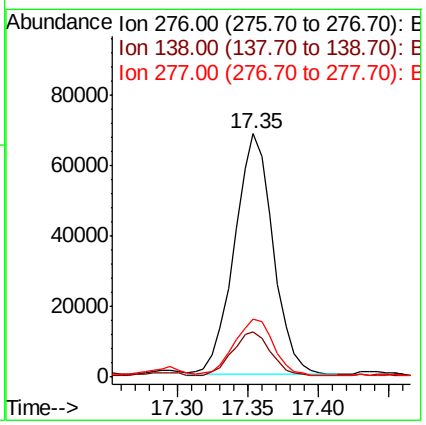


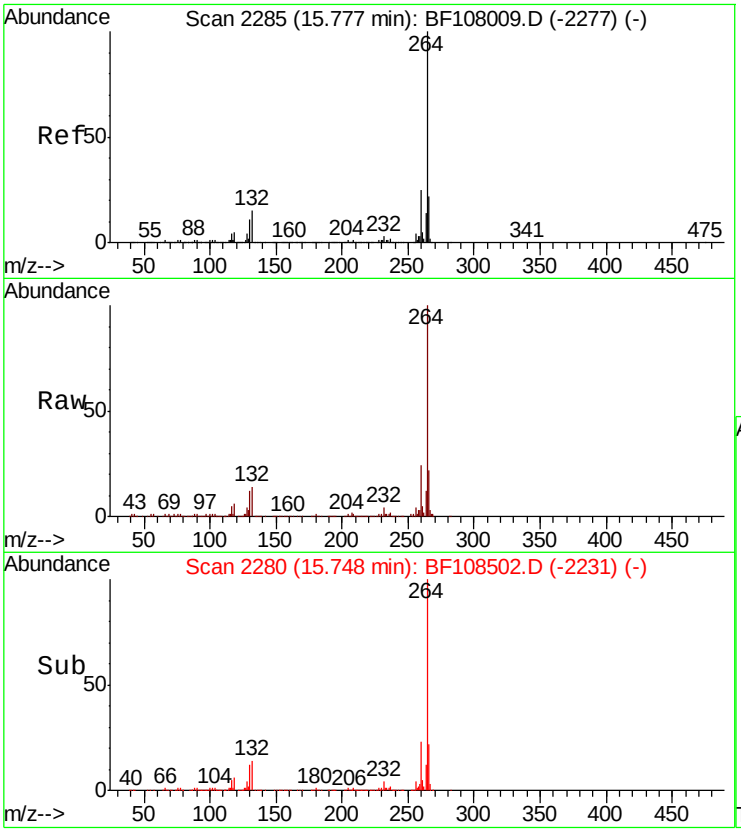


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.206 ng
RT: 17.35 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:276 Resp: 130377

Ion	Ratio	Lower	Upper
276	100		
138	19.7	25.0	37.6#
277	24.5	20.1	30.1



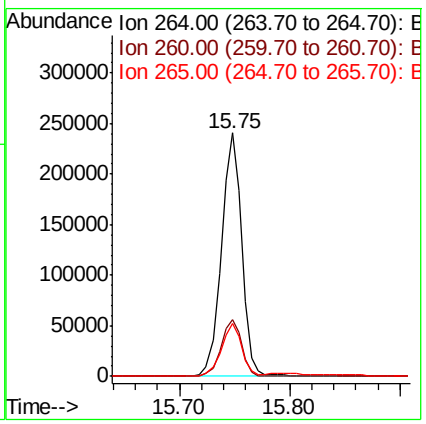


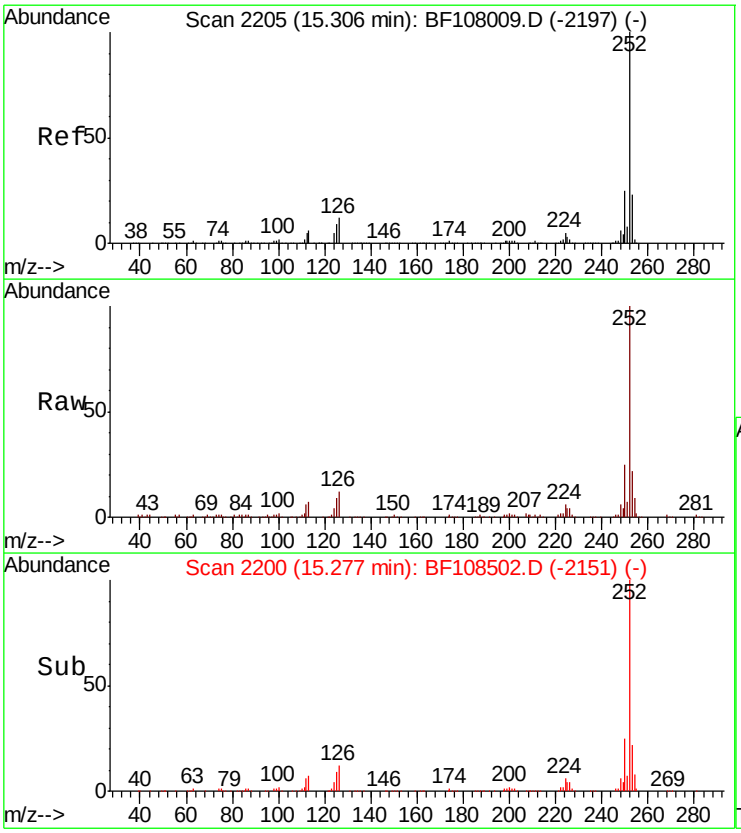
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 308855

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.5	26.3

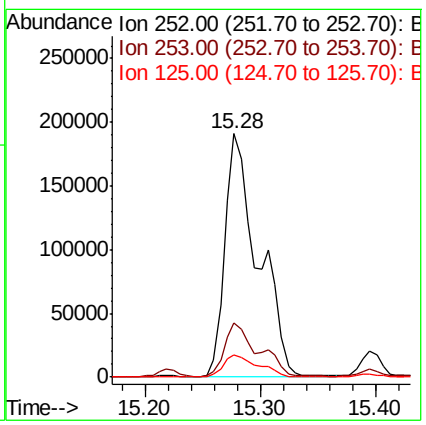


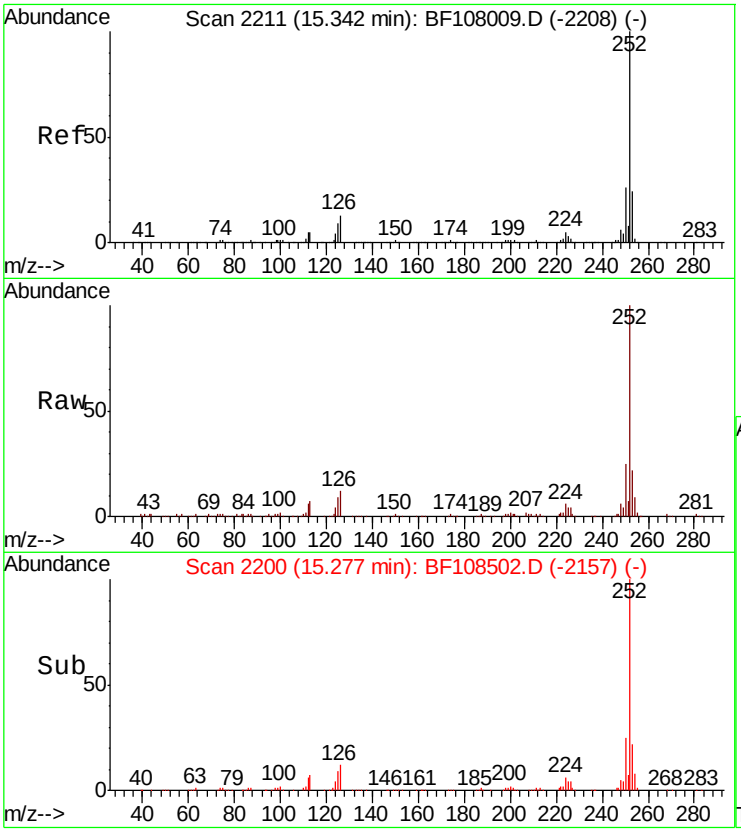


#87
Benzo(b)fluoranthene
Concen: 20.676 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:252 Resp: 381580

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	9.0	9.0	13.6#



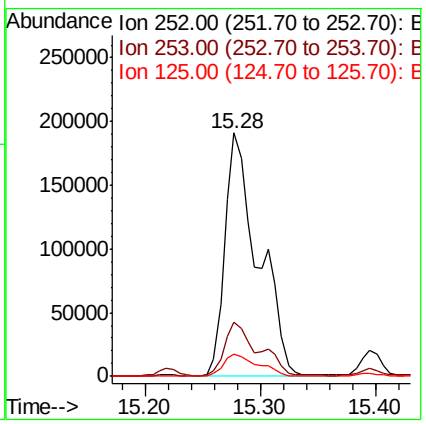


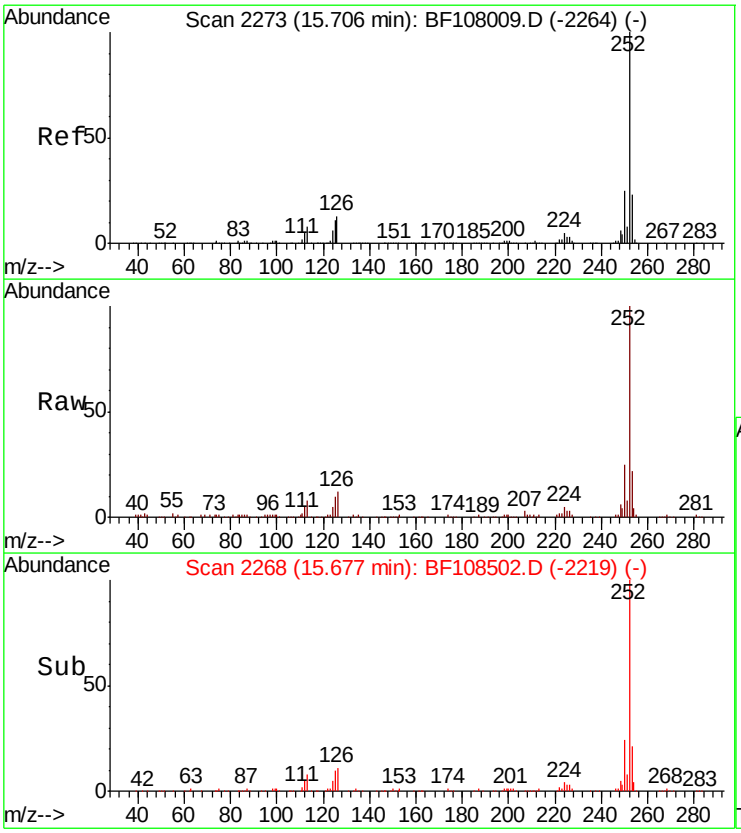
#88
Benzo(k)fluoranthene
Concen: 22.492 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 381580

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.0	10.2	15.2#

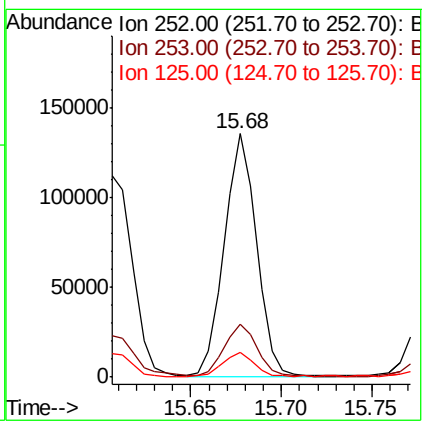


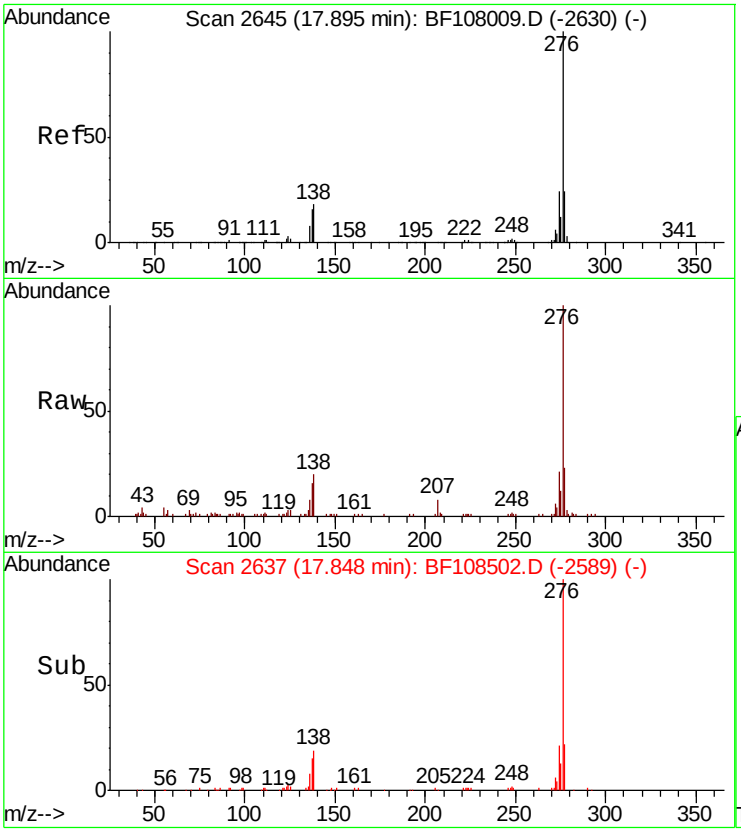


#89
Benzo(a)pyrene
Concen: 10.151 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Tgt Ion:252 Resp: 167750

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 9.257 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF108502.D
Acq: 27 Aug 2018 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 124638

Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	19.7	21.8	32.8#