Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108506.D
Acq On : 27 Aug 2018 13:22
Operator : JU/SJ
Sample : J4646-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 27 14:03:15 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	129293	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	504294	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	254026	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	443254	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	299552	20.00	ng		0.00
86) Perylene-d12	15.75	264	288527	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	544686	76.27	ng		0.00
7) Phenol-d6	6.62	99	751760	79.22	ng		-0.01
23) Nitrobenzene-d5	7.56	82	489663	54.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	205750	81.20	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	896485	56.66	ng		-0.01
78) Terphenyl-d14	13.12	244	722030	61.29	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	65419	10.194	ng	#	81
25) Isophorone	7.56	82	489656	28.426	ng	#	64
49) Dimethylphthalate	9.75	163	168721	9.535	ng	#	99
56) 2,4-Dinitrotoluene	10.04	165	31562	6.623	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.84	198	295	5.516	ng	#	1
66) 4-Bromophenyl-phenylether	10.84	248	13573	2.818	ng	#	1
70) Phenanthrene	11.56	178	65107	3.114	ng		99
74) Fluoranthene	12.76	202	91356	4.004	ng		92
77) Pyrene	12.99	202	97356	5.134	ng		97
80) Benzo(a)anthracene	14.18	228	43565	2.534	ng		98
82) Chrysene	14.22	228	44095	2.798	ng		99
87) Benzo(b)fluoranthene	15.28	252	66030	3.830	ng		92
88) Benzo(k)fluoranthene	15.28	252	66030	4.166	ng		95
89) Benzo(a)pyrene	15.68	252	36902	2.390	ng	#	94

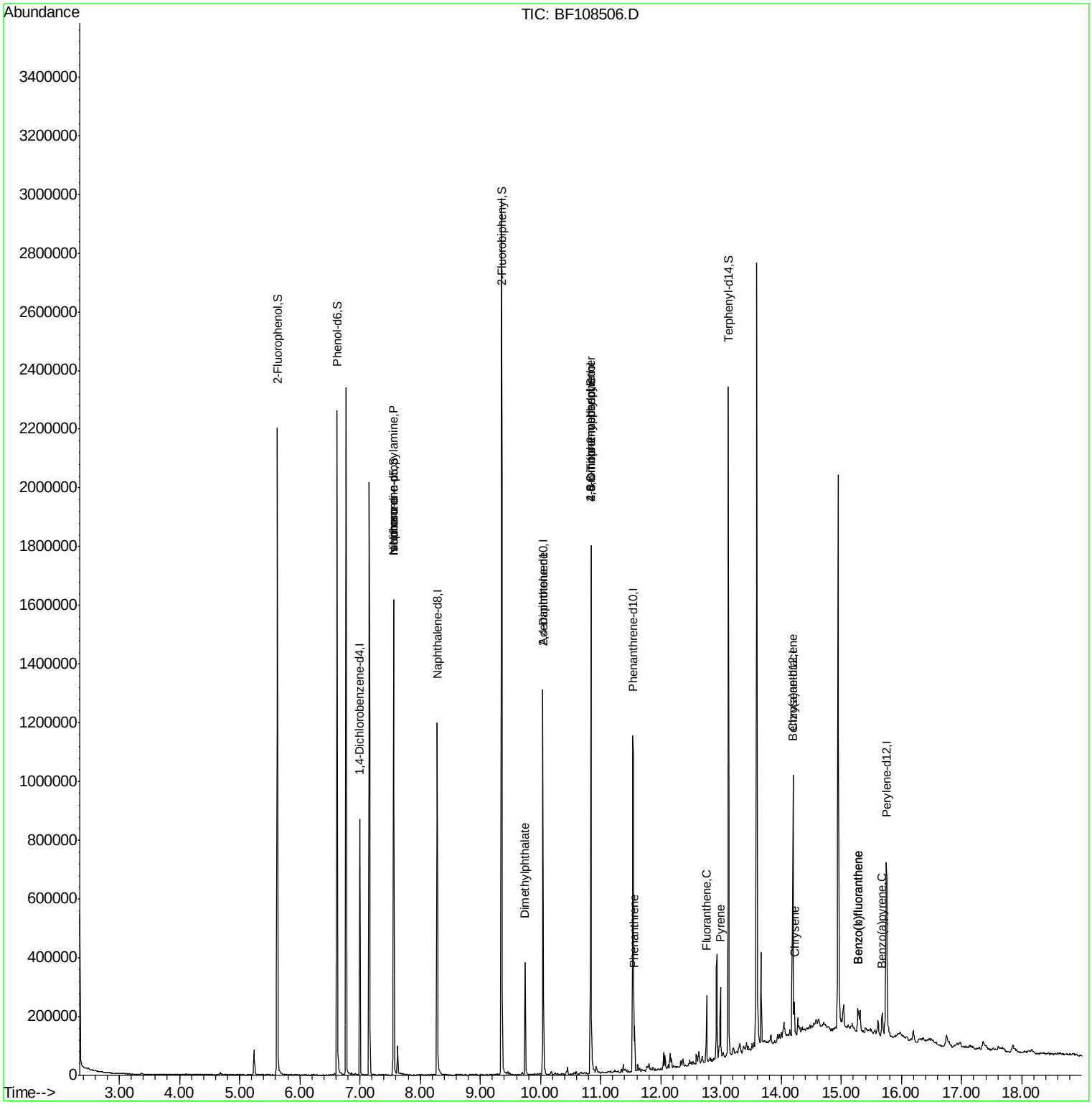
(#) = qualifier out of range (m) = manual integration (+) = signals summed

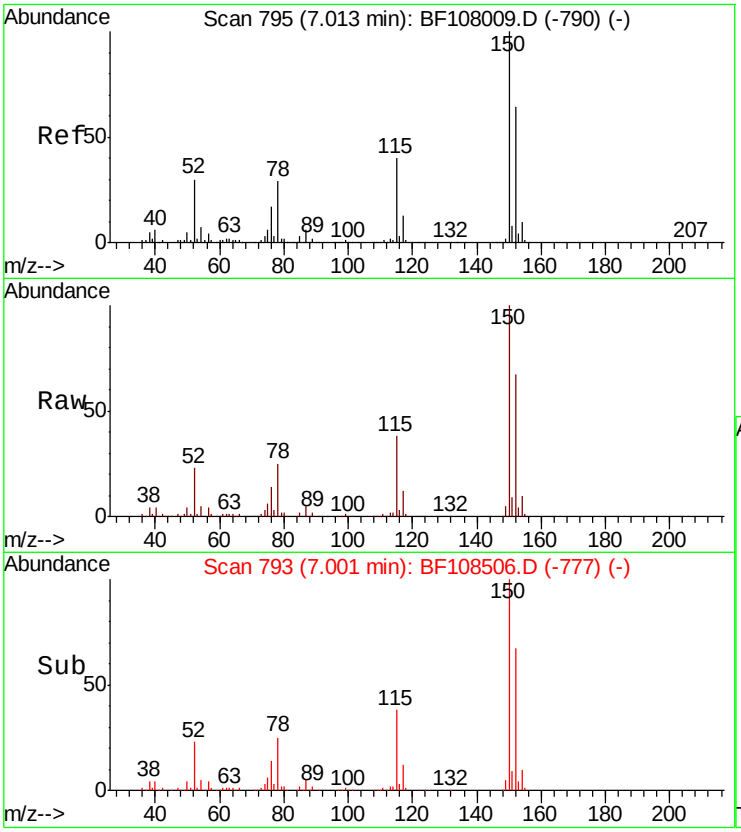
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108506.D
Acq On : 27 Aug 2018 13:22
Operator : JU/SJ
Sample : J4646-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 27 14:03:15 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



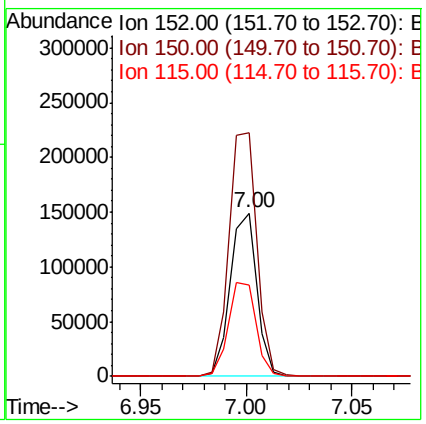


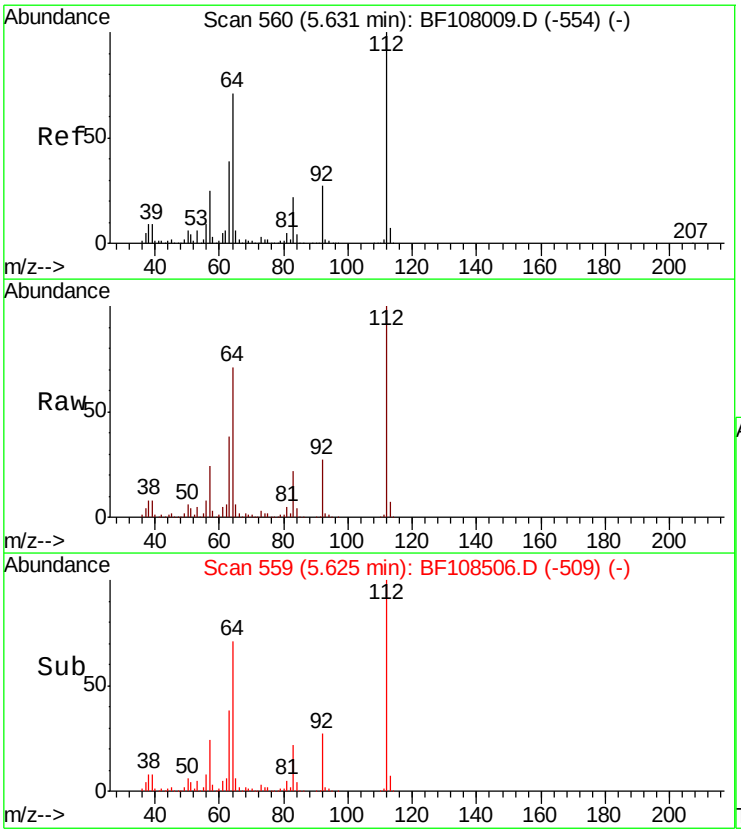
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129293

Ion	Ratio	Lower	Upper
152	100		
150	149.3	124.6	186.8
115	56.2	50.1	75.1

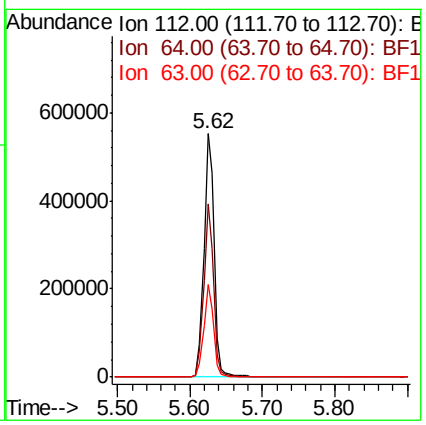


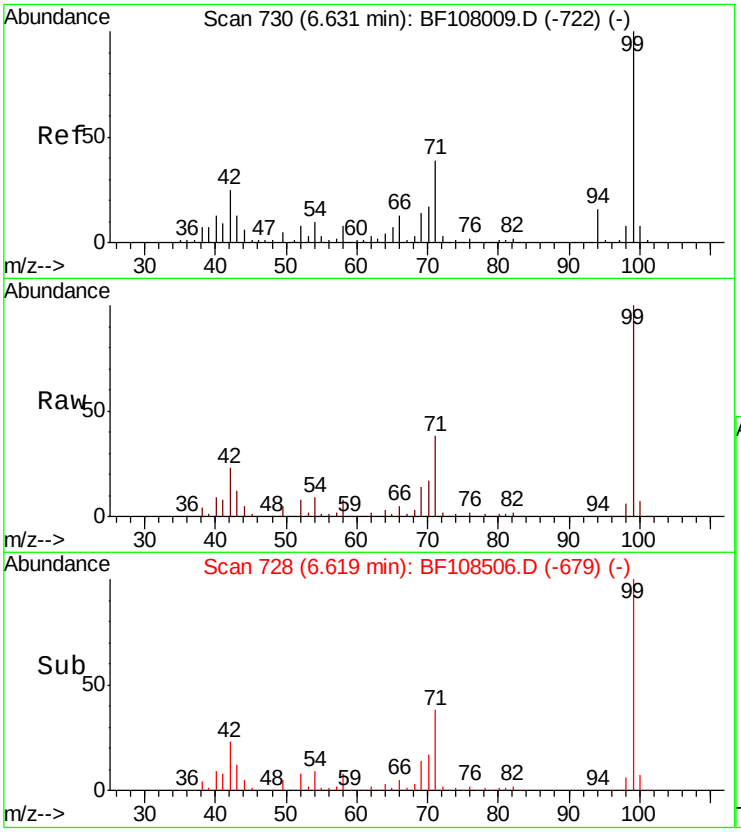


#5
2-Fluorophenol
Concen: 76.271 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:112 Resp: 544686

Ion	Ratio	Lower	Upper
112	100		
64	71.4	47.9	71.9
63	38.1	23.7	35.5#



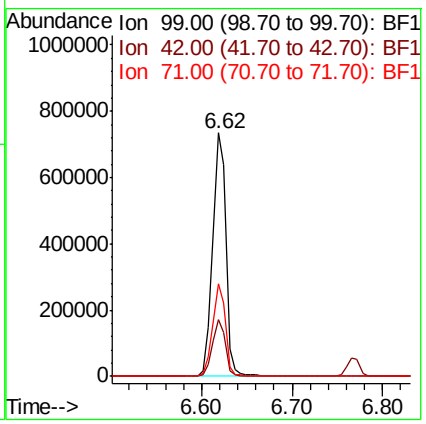


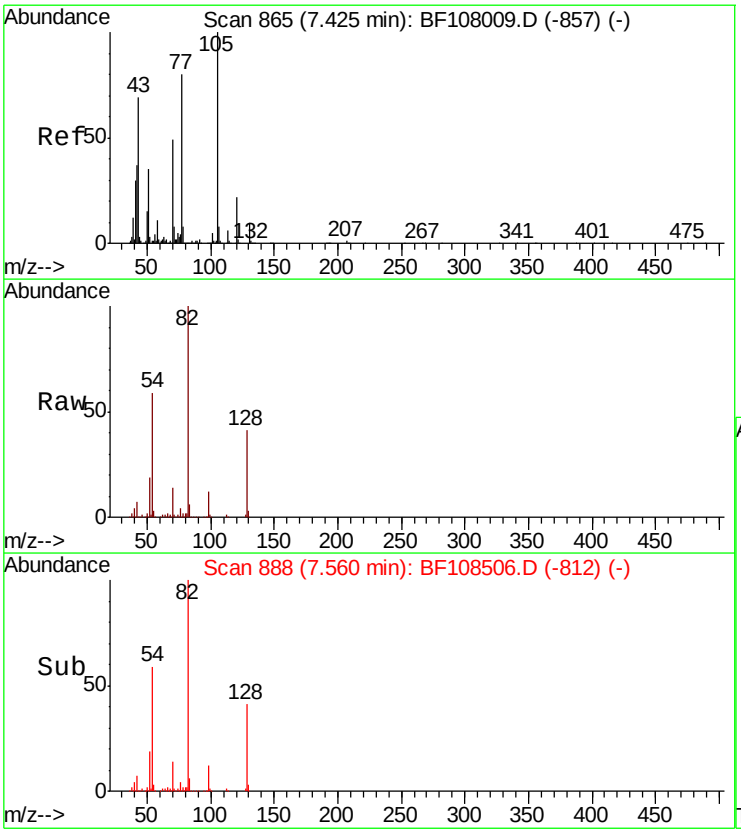
#7
Phenol-d6
Concen: 79.216 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 751760

Ion	Ratio	Lower	Upper
99	100		
42	23.2	14.5	21.7#
71	38.3	25.4	38.0#

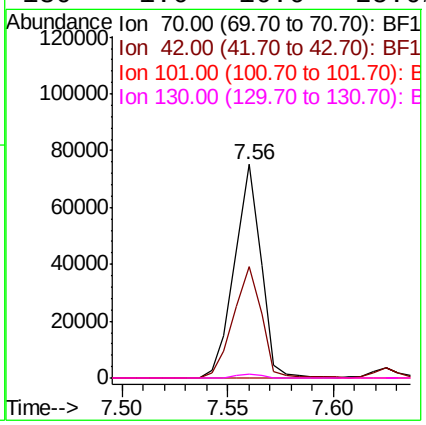


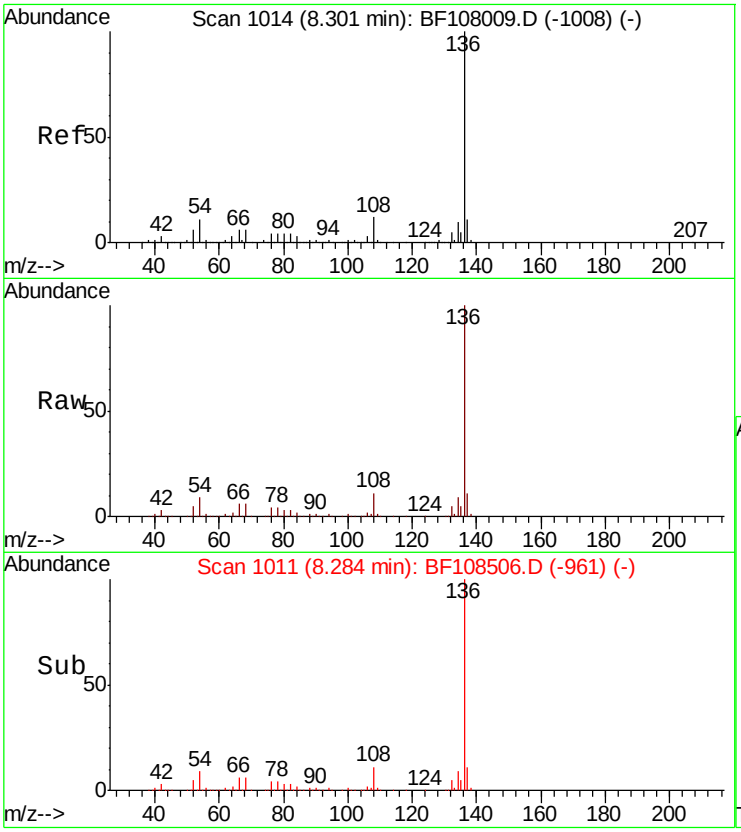


#19
n-Nitroso-di-n-propylamine
Concen: 10.194 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion: 70 Resp: 65419

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



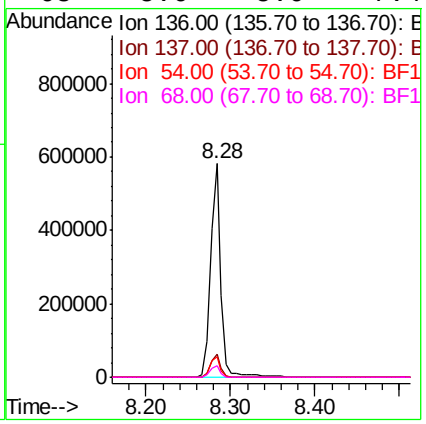


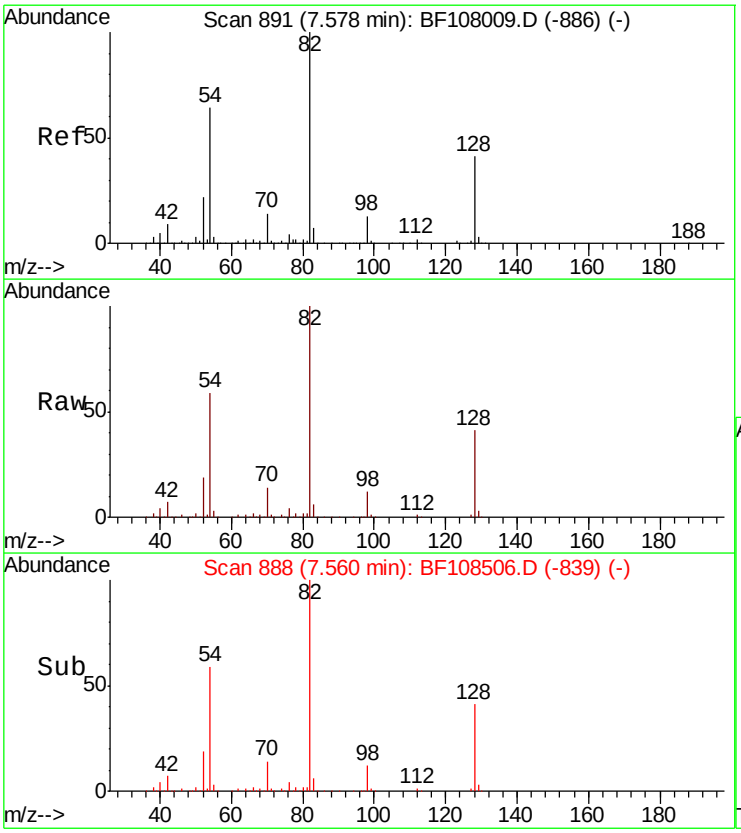
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 504294

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	5.6	5.0	7.4

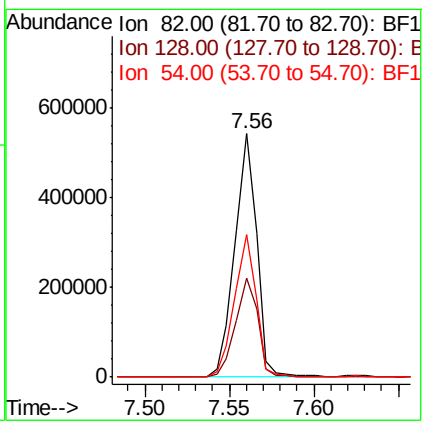


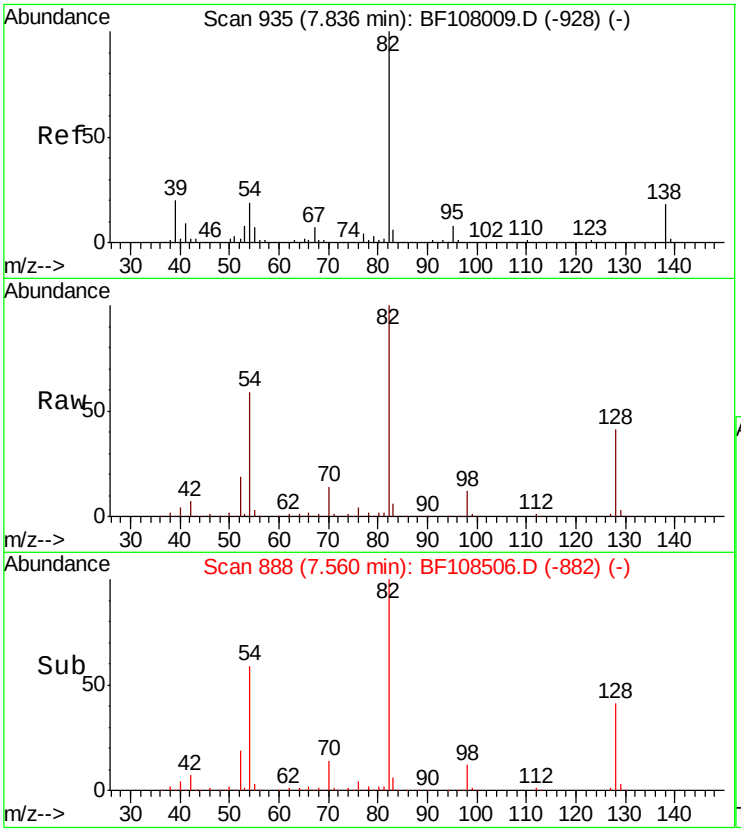


#23
Nitrobenzene-d5
Concen: 54.182 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion: 82 Resp: 489663

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	58.5	41.4	62.2



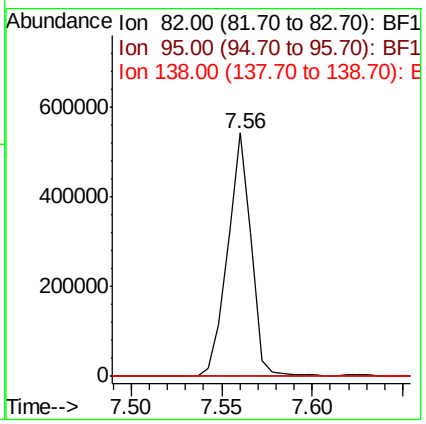


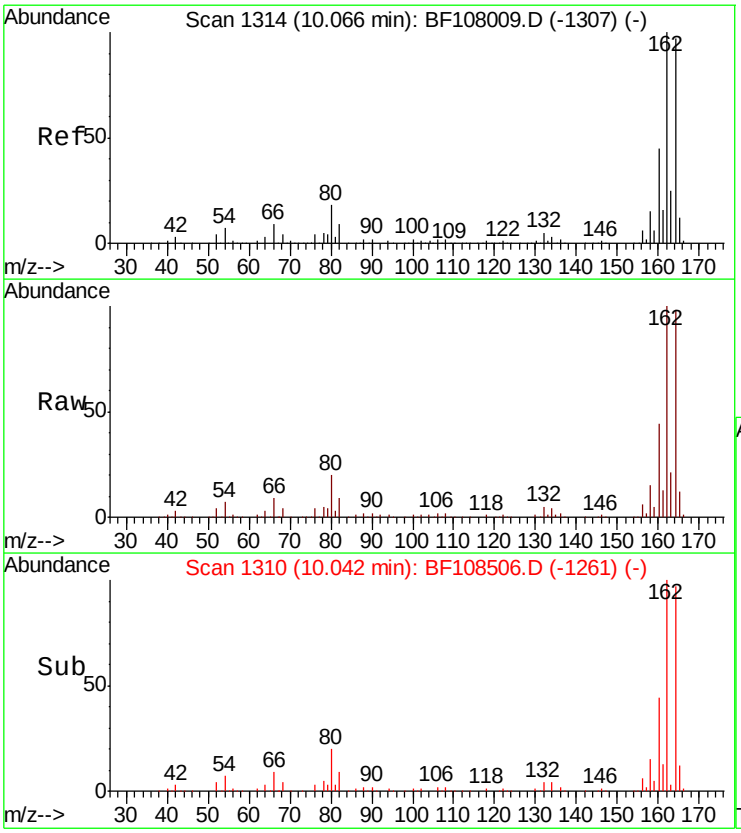
#25
Isophorone
Concen: 28.426 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 489656

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

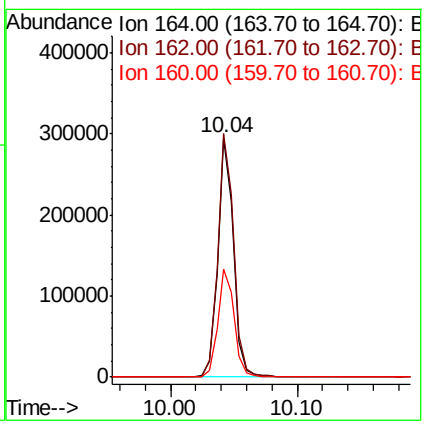


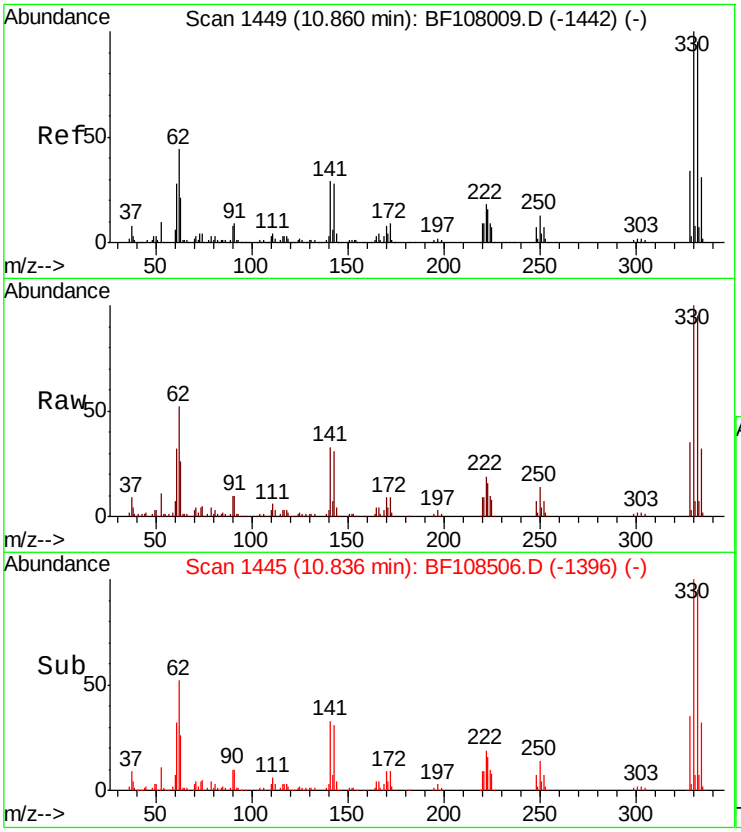


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:164 Resp: 254026

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	45.2	38.3	57.5



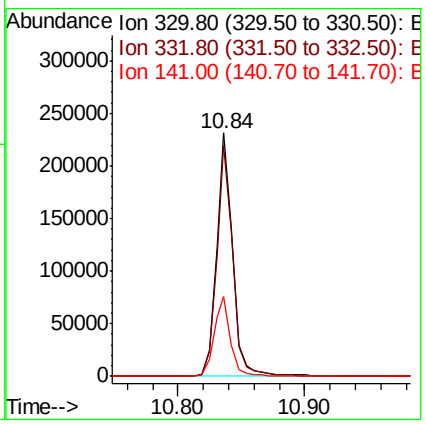


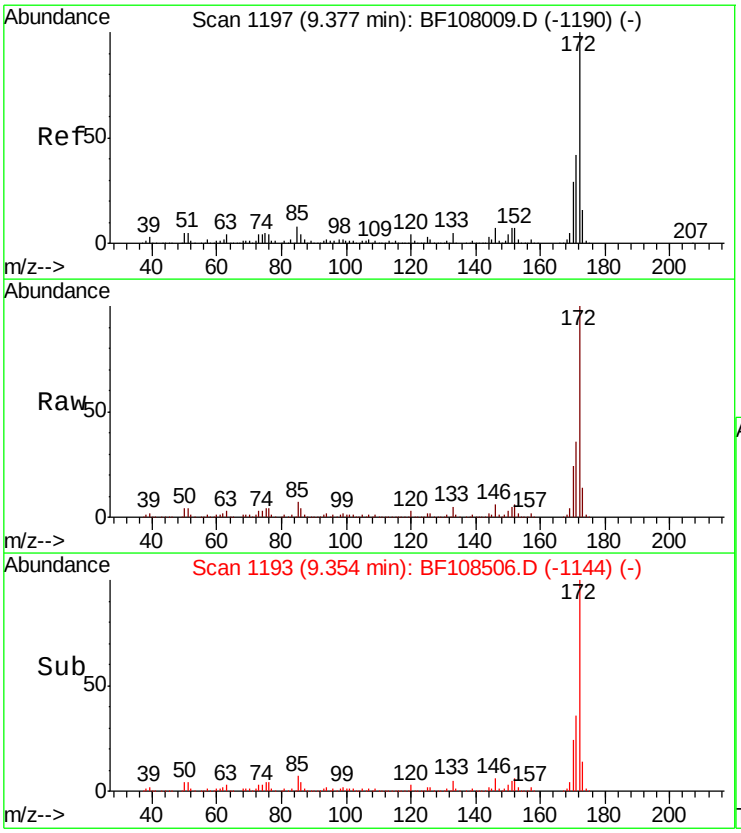
#41
2,4,6-Tribromophenol
Concen: 81.201 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 205750

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.3	29.9	44.9

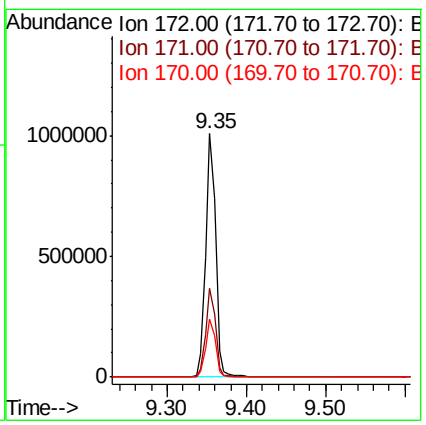


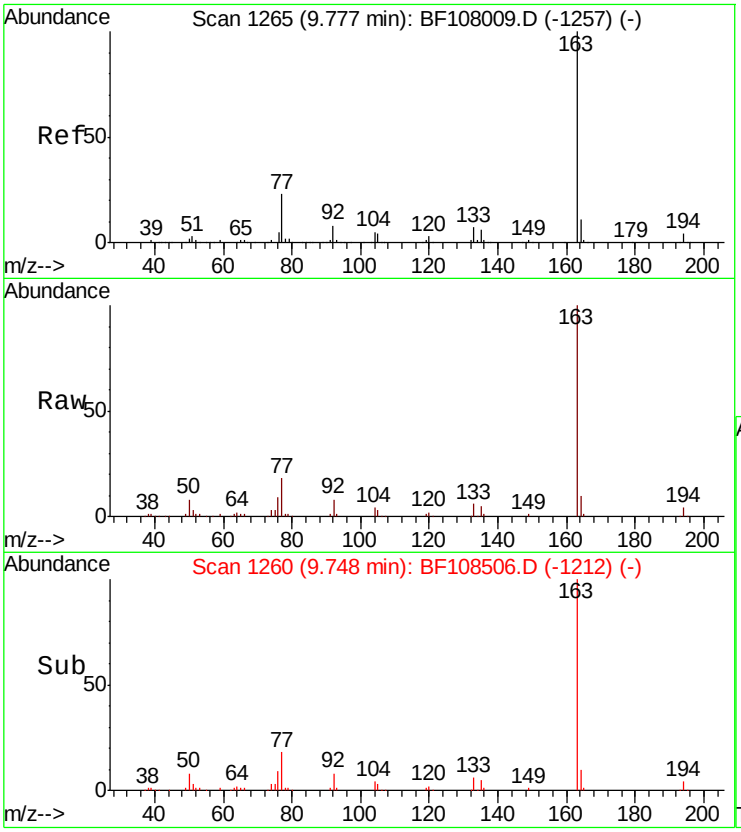


#44
2-Fluorobiphenyl
Concen: 56.659 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:172 Resp: 896485

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4



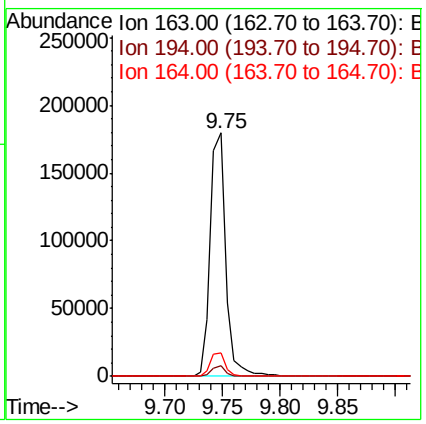


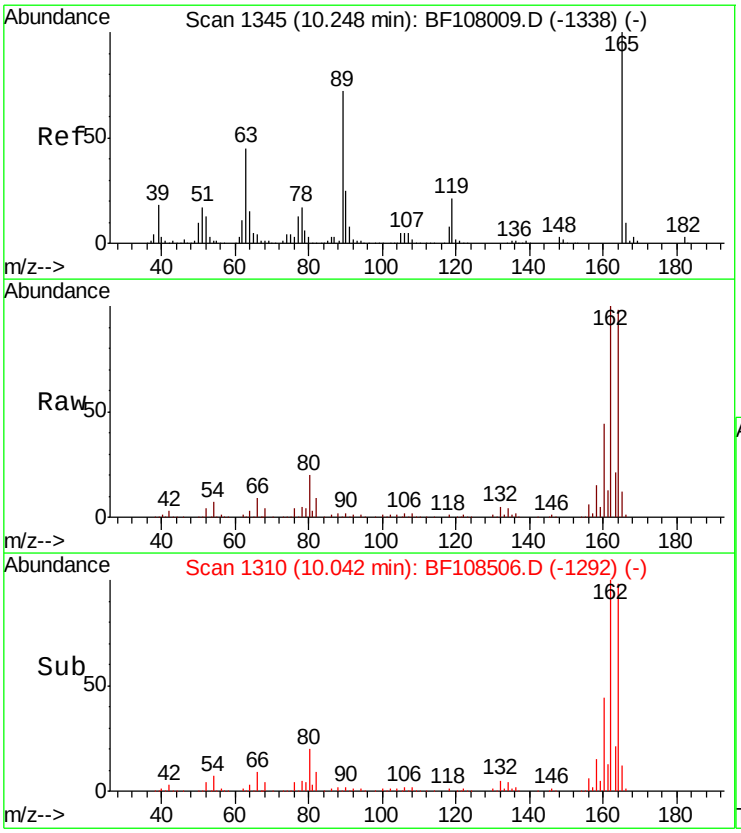
#49
Dimethylphthalate
Concen: 9.535 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 168721

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	8.2	12.2

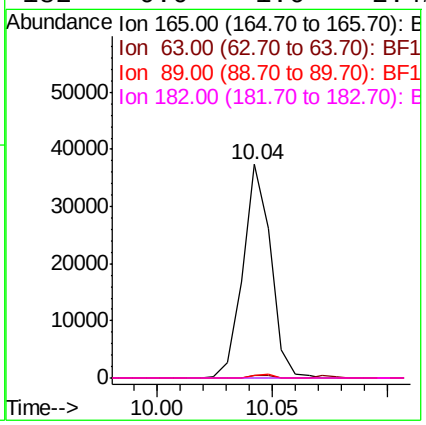


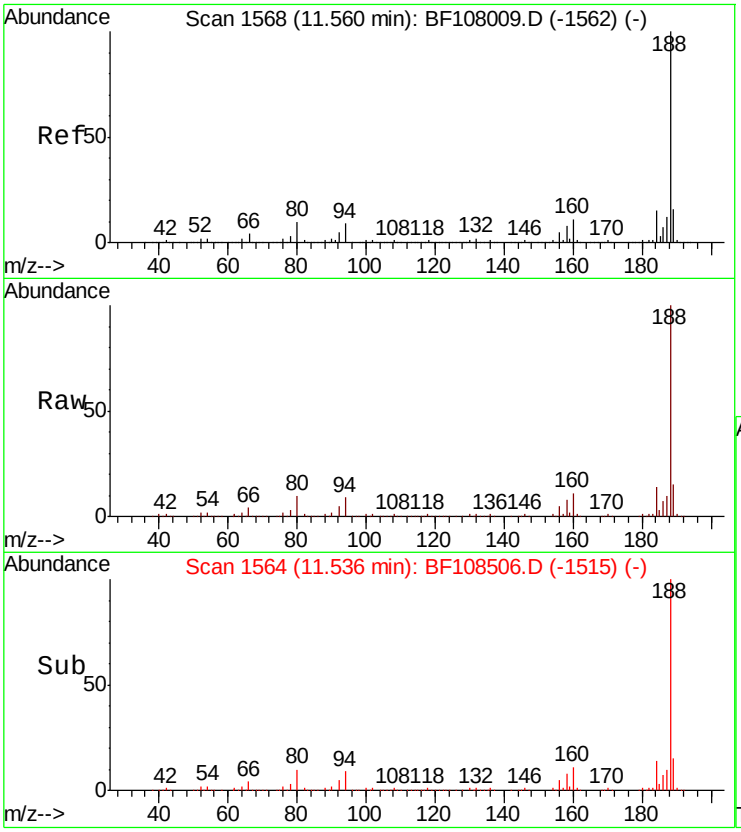


#56
2,4-Dinitrotoluene
Concen: 6.623 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:165 Resp: 31562

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



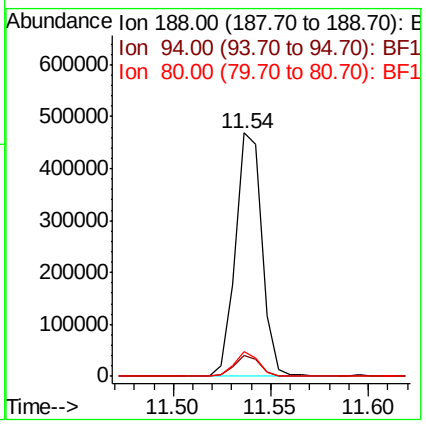


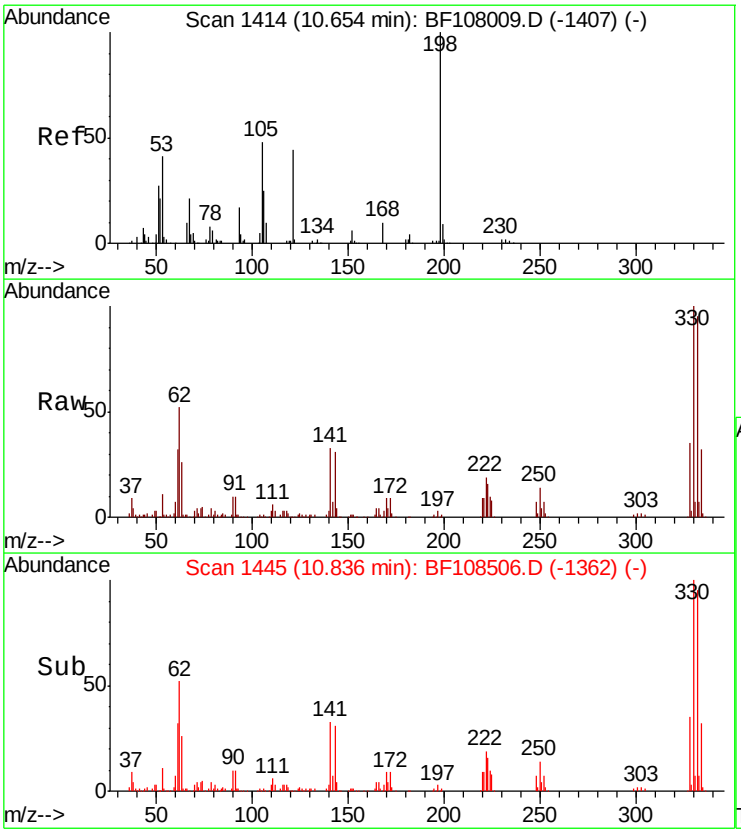
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 443254

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	10.3	9.2	13.8

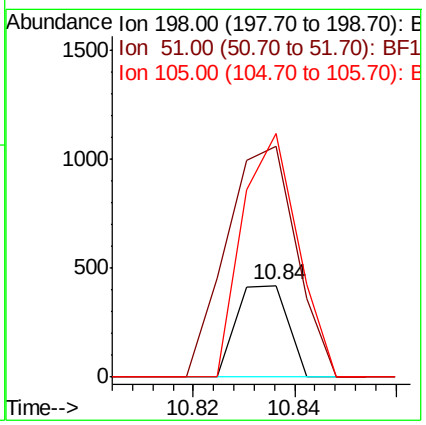


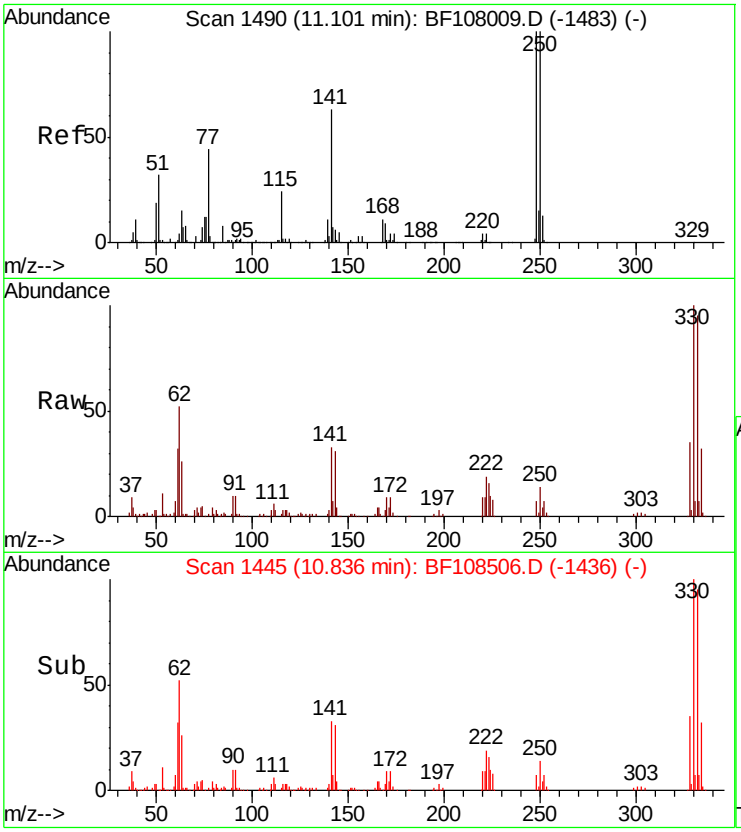


#64
4,6-Dinitro-2-methylphenol
Concen: 5.516 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:198 Resp: 295

Ion	Ratio	Lower	Upper
198	100		
51	252.5	37.7	77.7#
105	265.8	36.3	76.3#



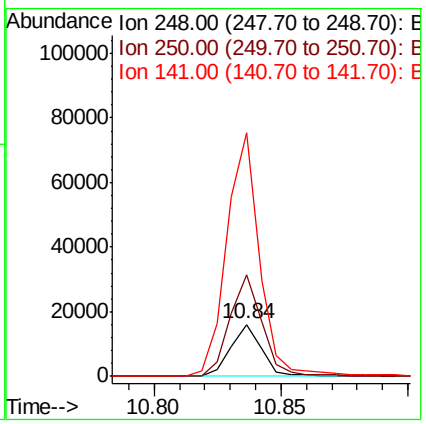


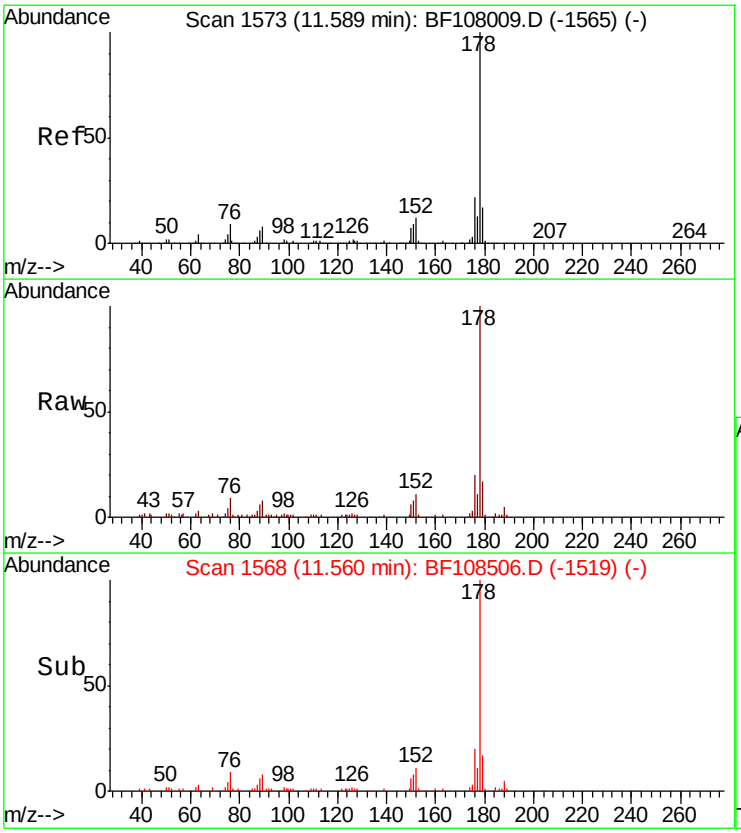
#66
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13573

Ion	Ratio	Lower	Upper
248	100		
250	193.5	76.9	115.3#
141	466.2	74.4	111.6#

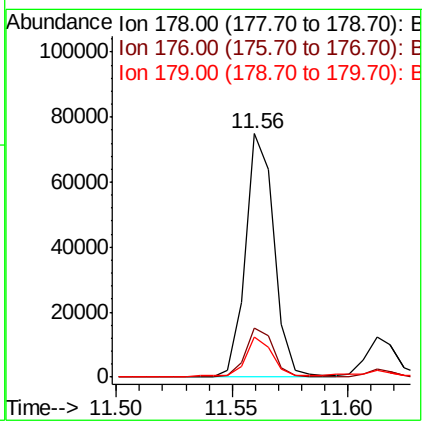


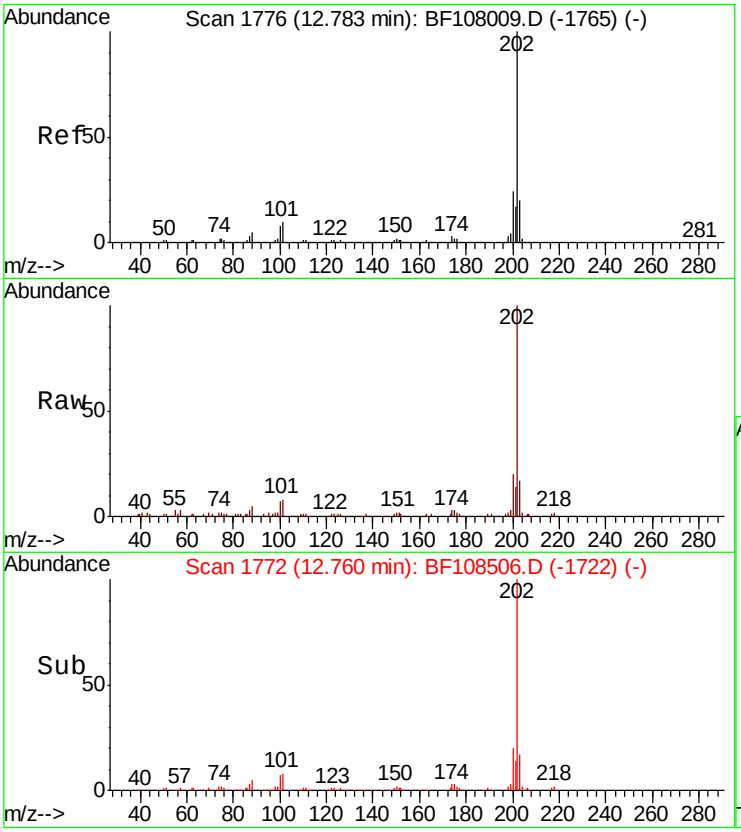


#70
Phenanthrene
Concen: 3.114 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:178 Resp: 65107

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.7	13.0	19.6



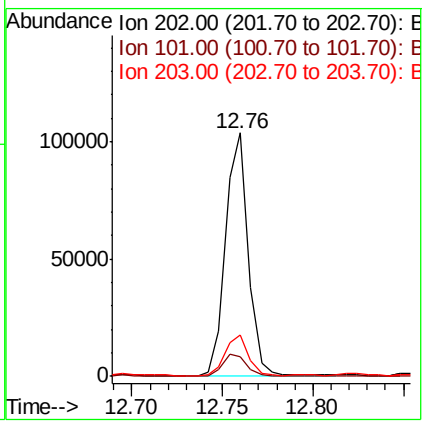


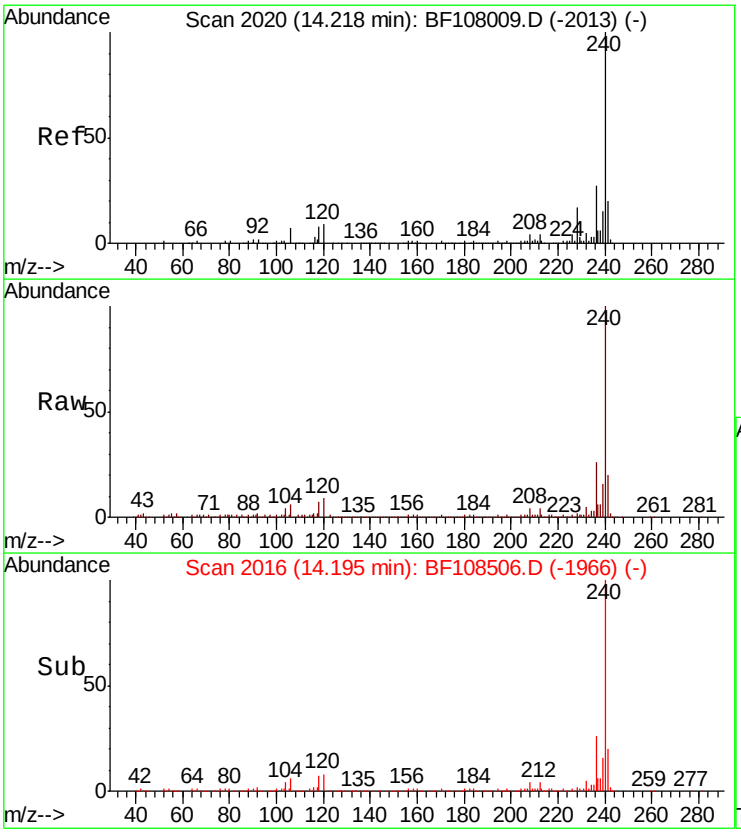
#74
Fluoranthene
Concen: 4.004 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 91356

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	34.1
203	17.1	0.0	38.1

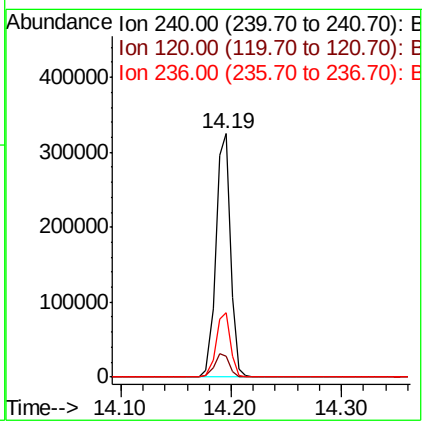


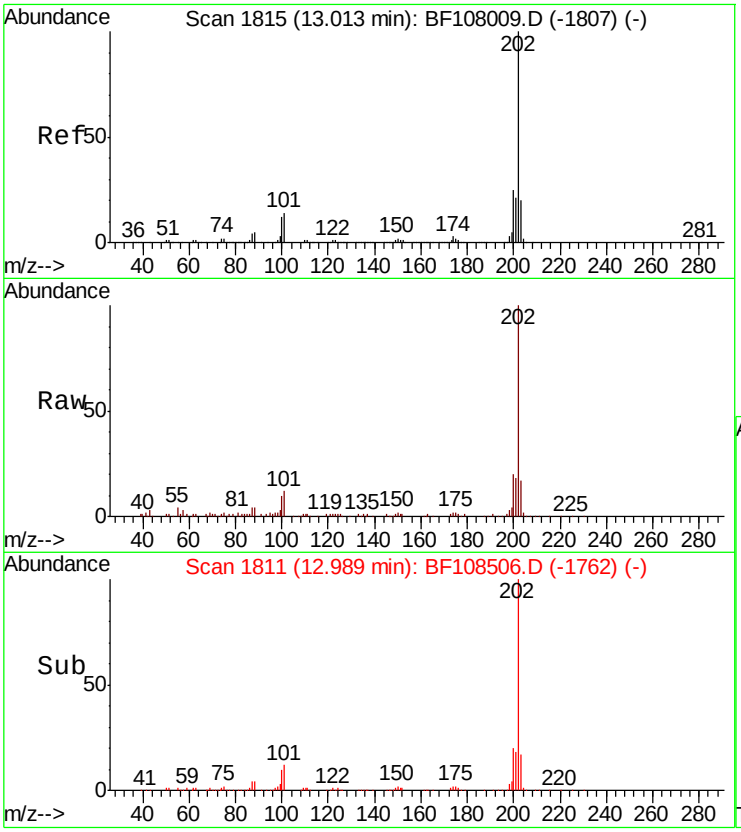


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:240 Resp: 299552

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.4	20.7	31.1



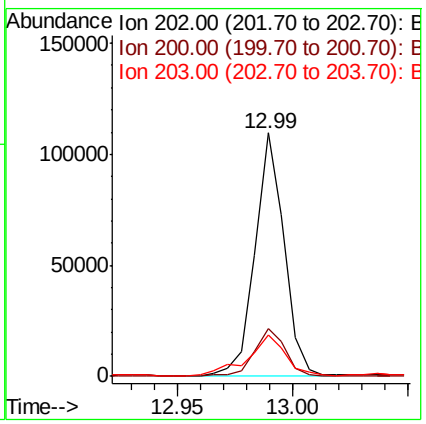


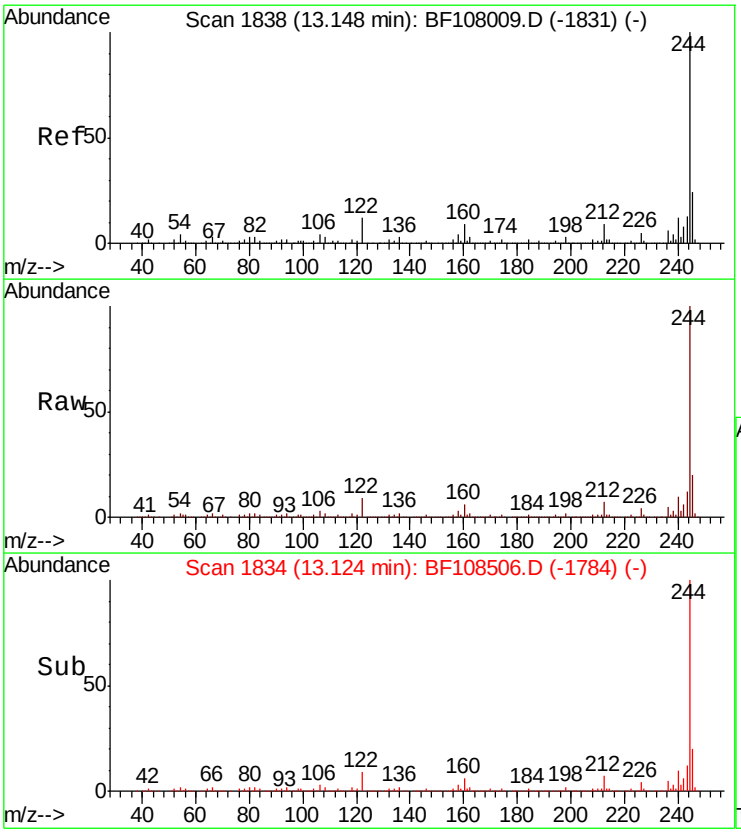
#77
Pyrene
Concen: 5.134 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 97356

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.2	14.3	21.5

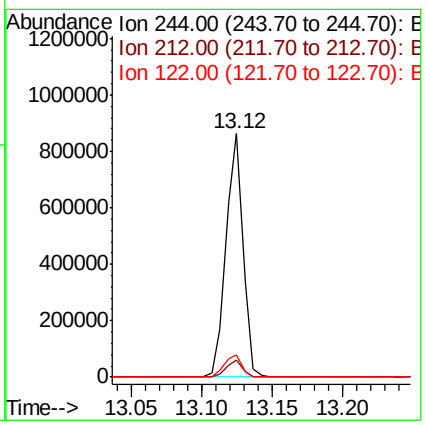


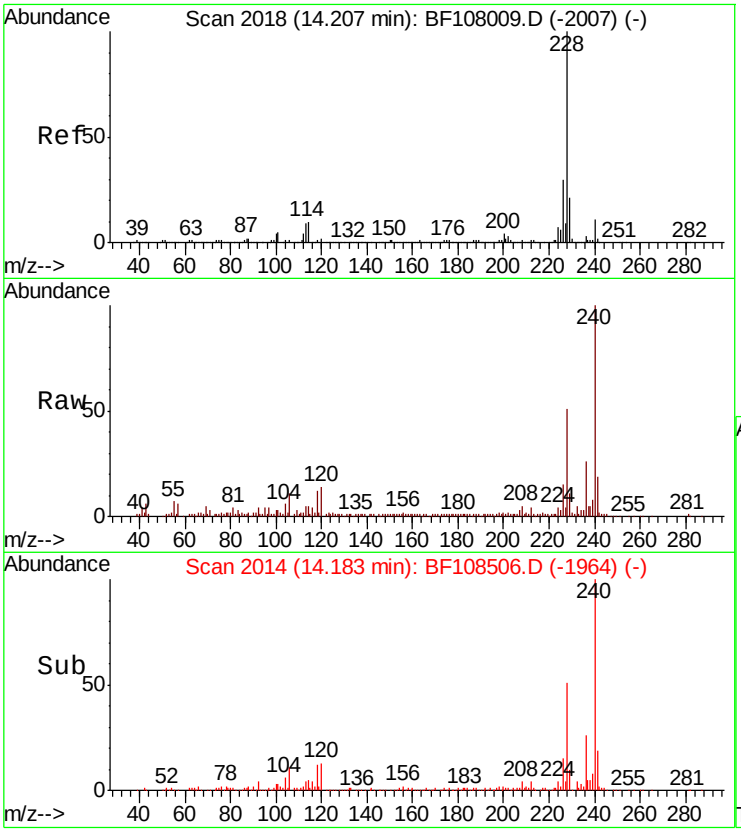


#78
Terphenyl-d14
Concen: 61.285 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:244 Resp: 722030

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	8.9	11.0	16.4#



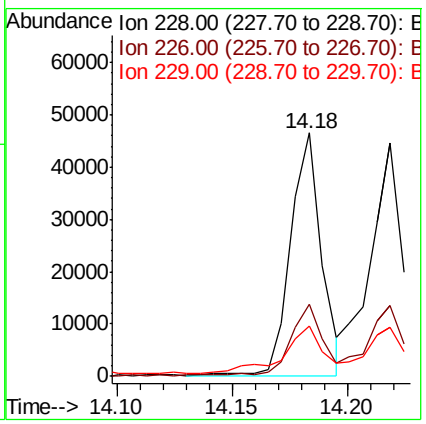


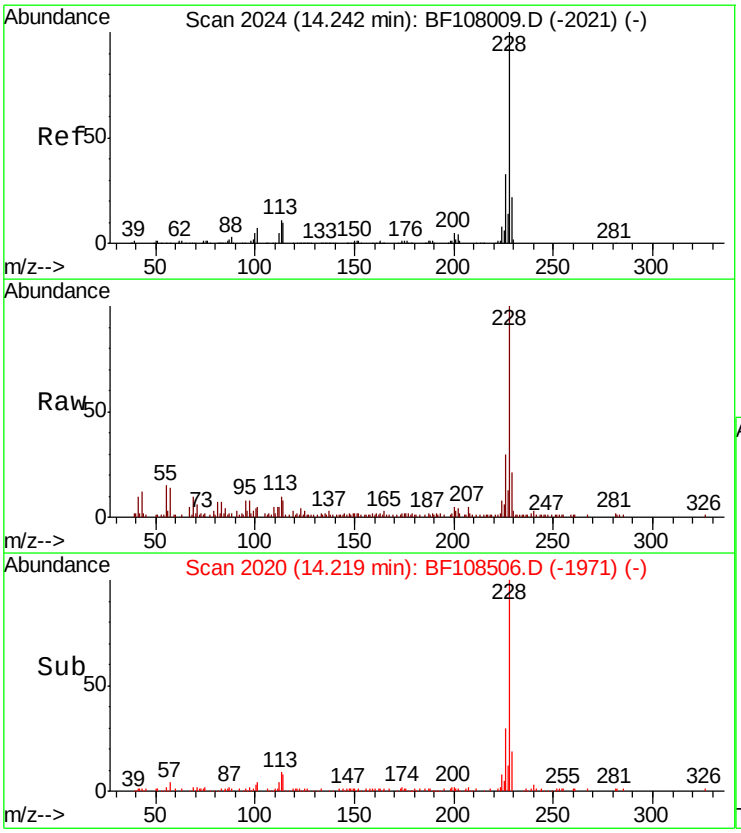
#80
Benzo(a)anthracene
Concen: 2.534 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 43565

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.6	15.8	23.6

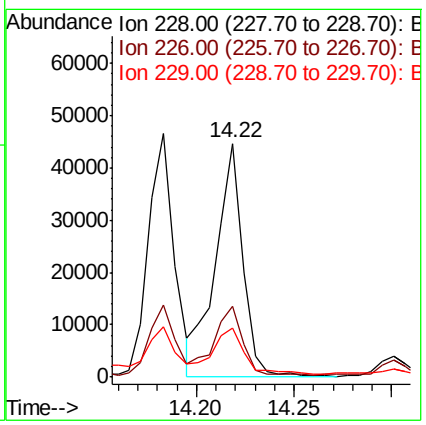


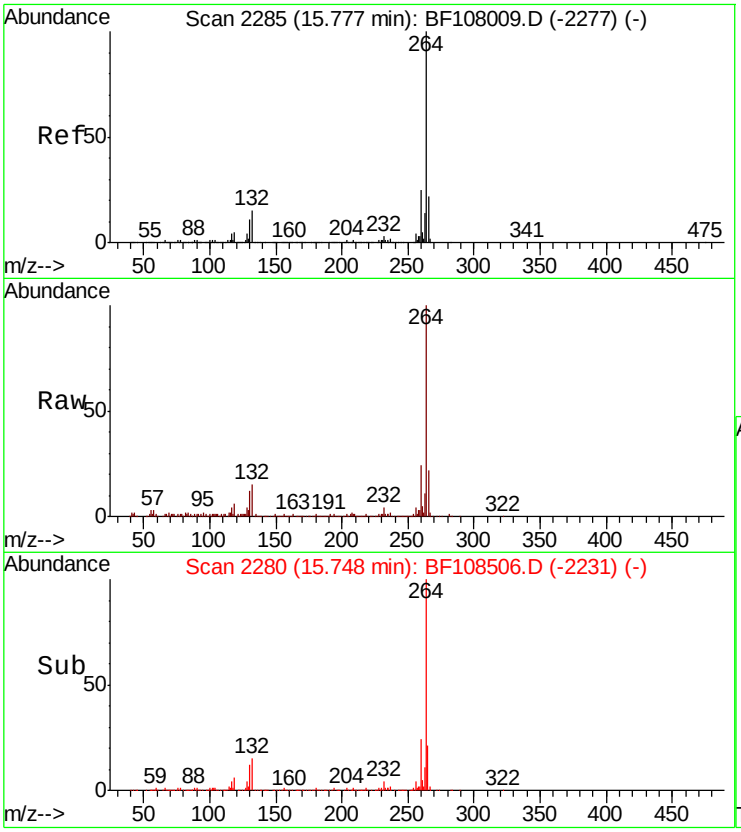


#82
Chrysene
Concen: 2.798 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:228 Resp: 44095

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.0	16.2	24.4



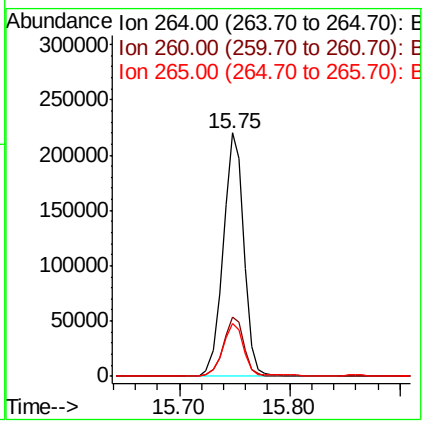


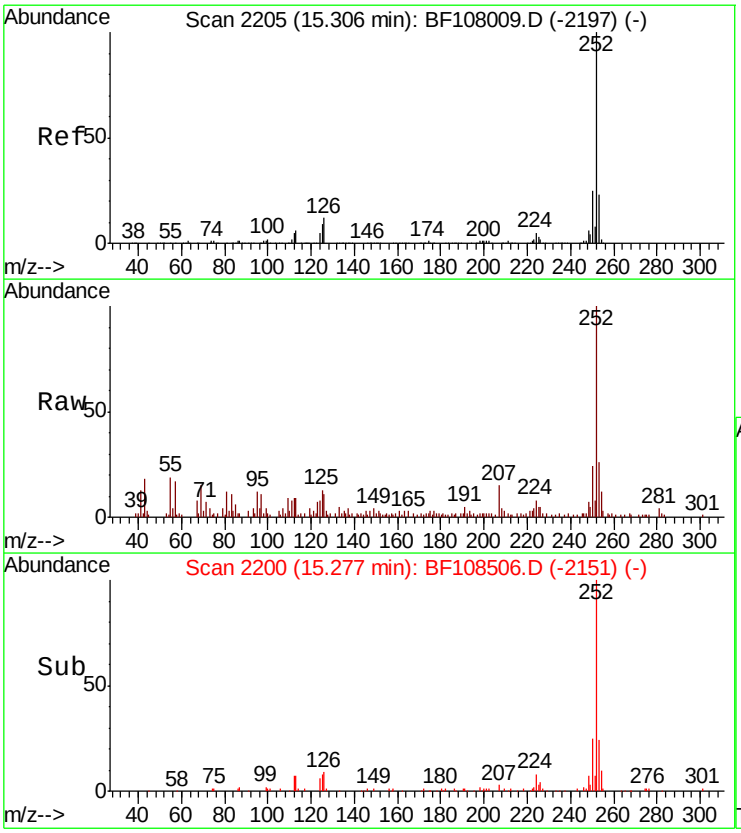
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 288527

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

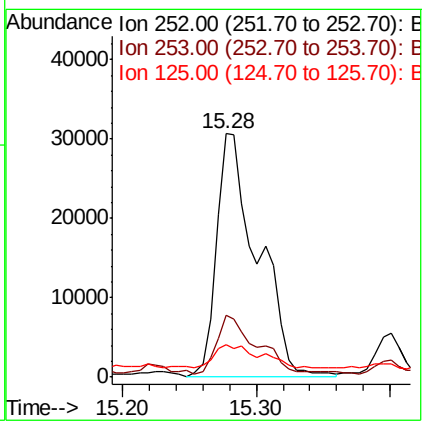


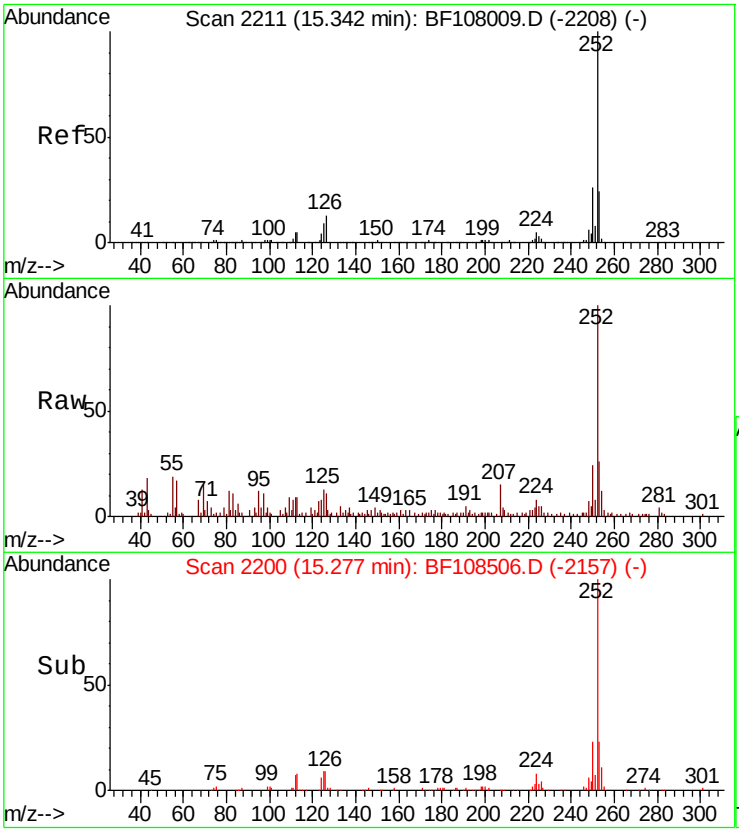


#87
Benzo(b)fluoranthene
Concen: 3.830 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:252 Resp: 66030

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	13.2	9.0	13.6



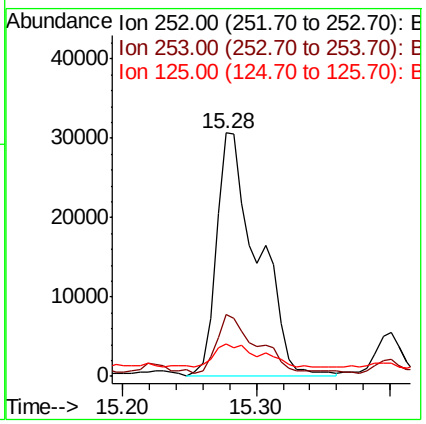


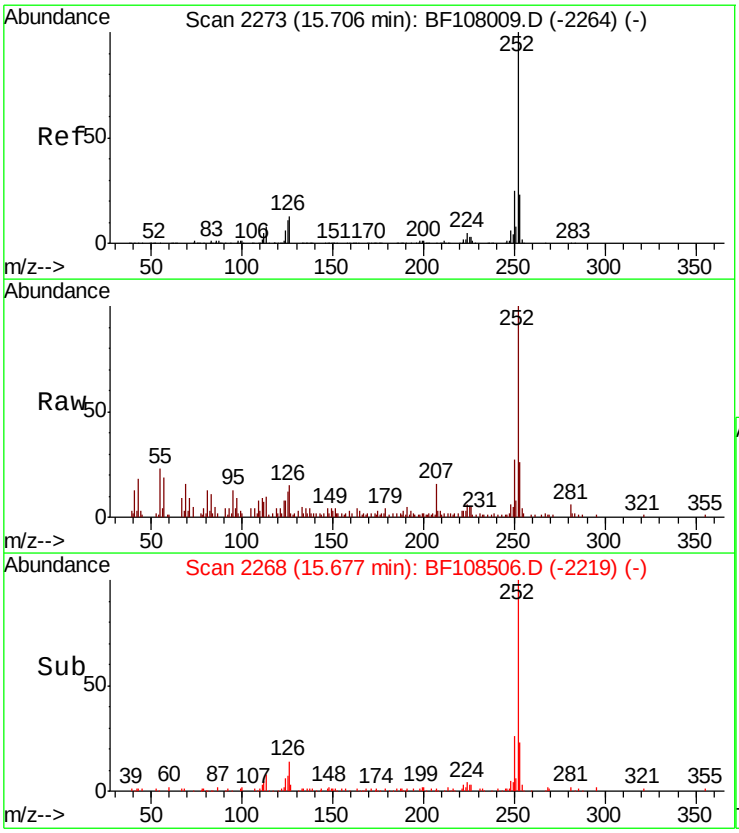
#88
Benzo(k)fluoranthene
Concen: 4.166 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 66030

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	13.2	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.390 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108506.D
Acq: 27 Aug 2018 13:22

Tgt Ion:252 Resp: 36902

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	12.1	9.8	14.6