Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
Data File : BF108115.D
Acq On : 13 Aug 2018 14:49
Operator : JU/SJ
Sample : J4272-15RE 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 13 17:12:05 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	283882	20.00	ng		0.01
21) Naphthalene-d8	8.31	136	1027643	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	461204	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	755216	20.00	ng		0.01
75) Chrysene-d12	14.23	240	699946	20.00	ng		0.01
86) Perylene-d12	15.81	264	562406	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	763004	48.66	ng		0.01
7) Phenol-d6	6.64	99	1013452	48.64	ng		0.00
23) Nitrobenzene-d5	7.58	82	656164	35.63	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	200217	43.52	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1177322	40.98	ng		0.00
78) Terphenyl-d14	13.16	244	1034521	37.58	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	88033	6.248	ng	#	86
25) Isophorone	7.58	82	653260	18.610	ng	#	64
32) Benzoic acid	7.98	122	580	6.031	ng	#	74
49) Dimethylphthalate	9.77	163	112038	3.487	ng	#	99
56) 2,4-Dinitrotoluene	10.07	165	60757	7.022	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.87	198	444	5.498	ng	#	1
70) Phenanthrene	11.59	178	207736	5.832	ng		99
71) Anthracene	11.65	178	73911	2.024	ng		98
74) Fluoranthene	12.79	202	477214	12.275	ng		95
77) Pyrene	13.02	202	446755	10.082	ng		99
80) Benzo(a)anthracene	14.22	228	254678	6.340	ng		96
82) Chrysene	14.26	228	207823	5.643	ng		98
85) Indeno(1,2,3-cd)pyrene	17.45	276	72966	2.287	ng	#	90
87) Benzo(b)fluoranthene	15.34	252	322021	9.582	ng	#	91
88) Benzo(k)fluoranthene	15.34	252	322021	10.424	ng		94
89) Benzo(a)pyrene	15.74	252	167327	5.560	ng		94
91) Benzo(g,h,i)perylene	17.95	276	67956	2.772	ng	#	89

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

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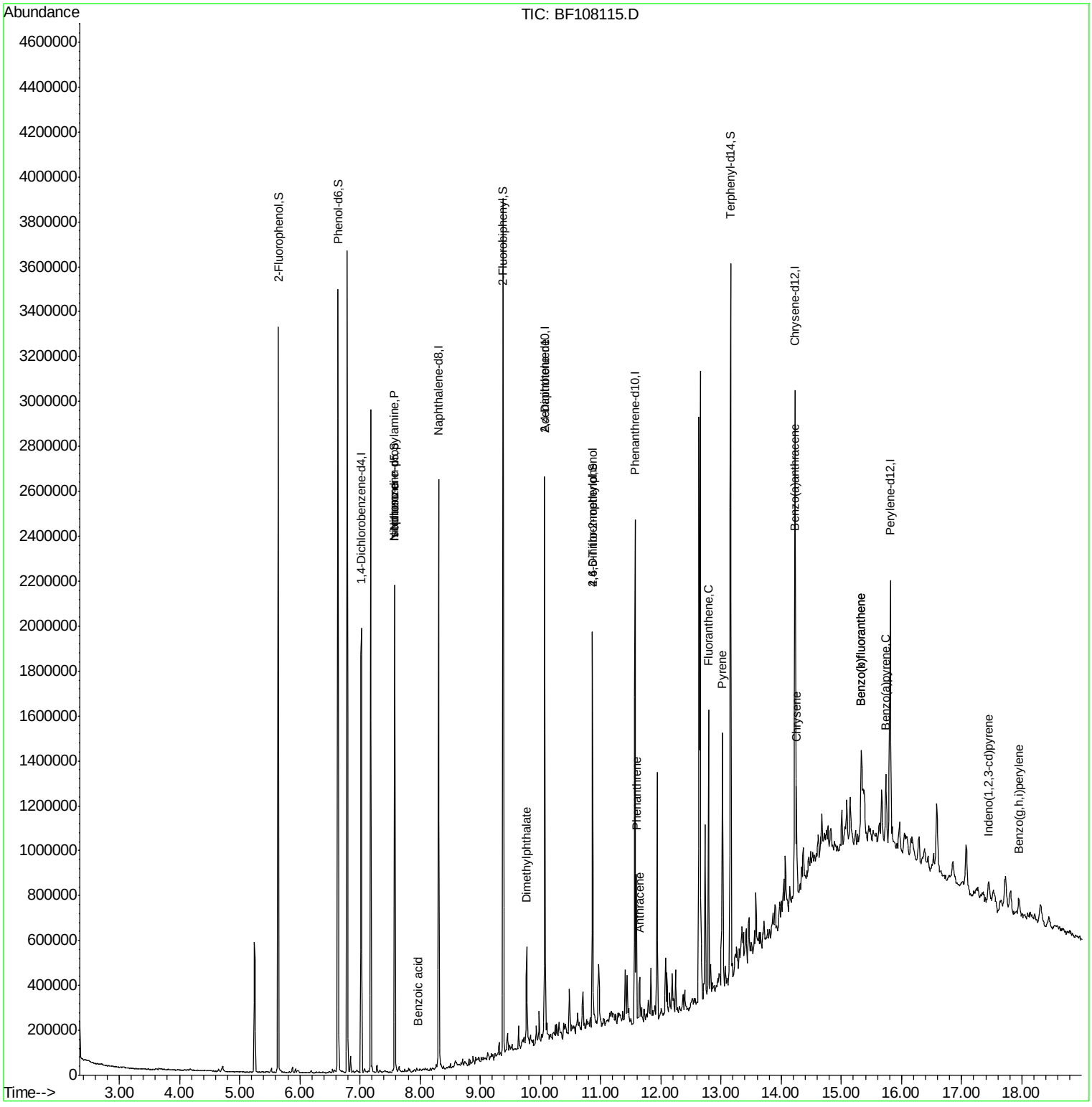
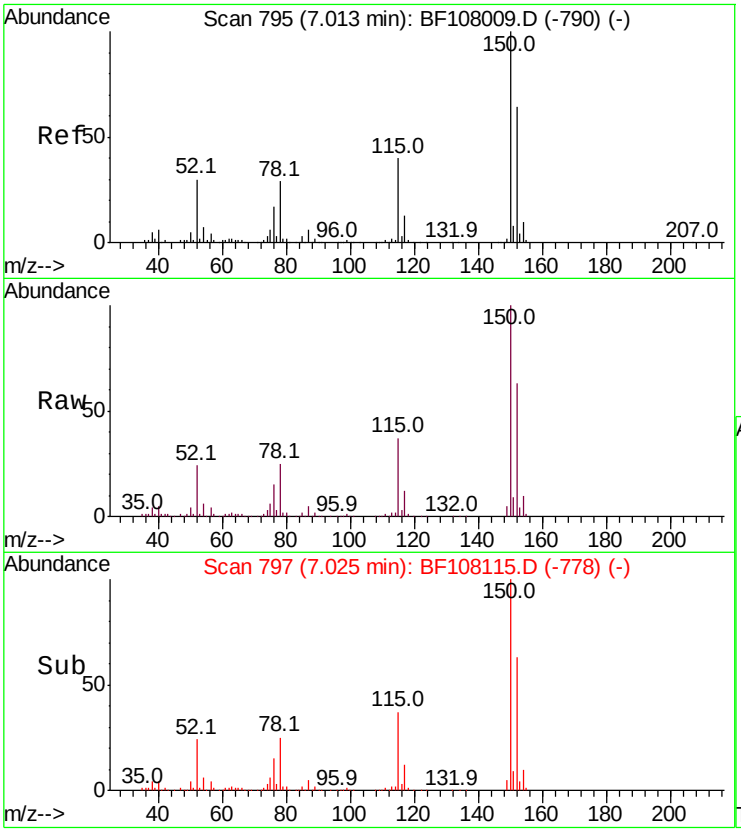


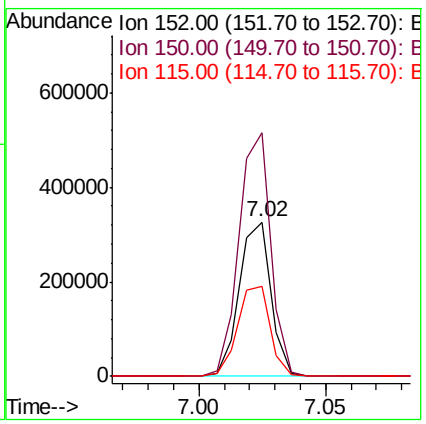


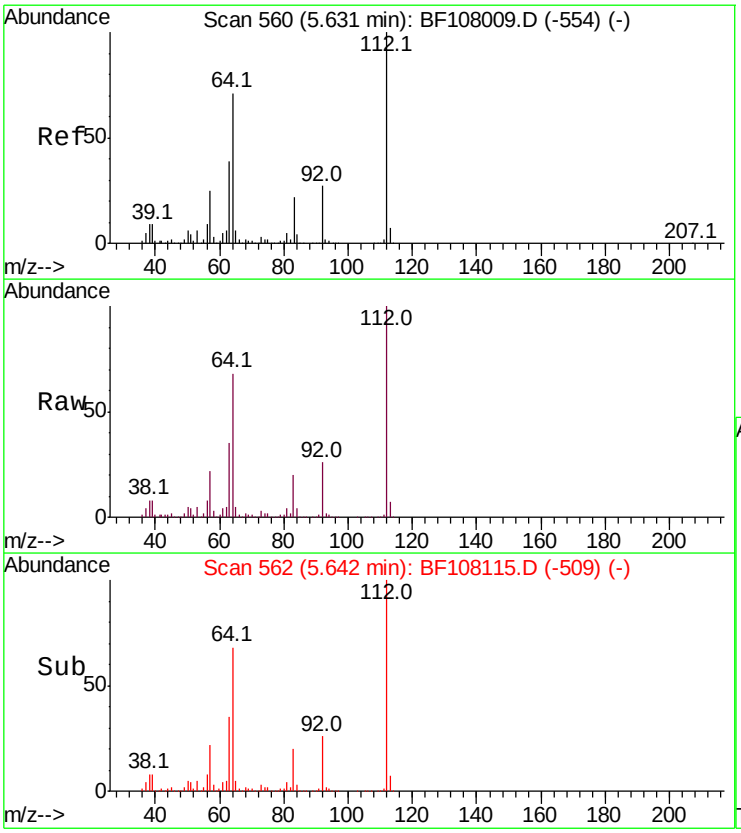
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 283882

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	58.4	50.1	75.1

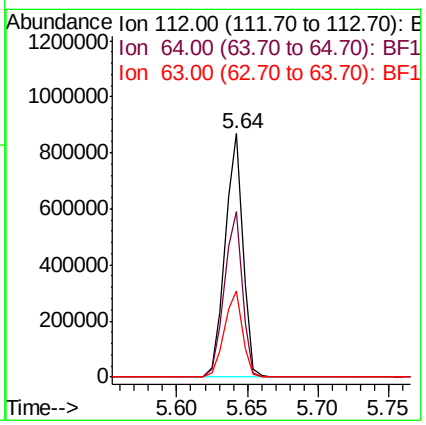


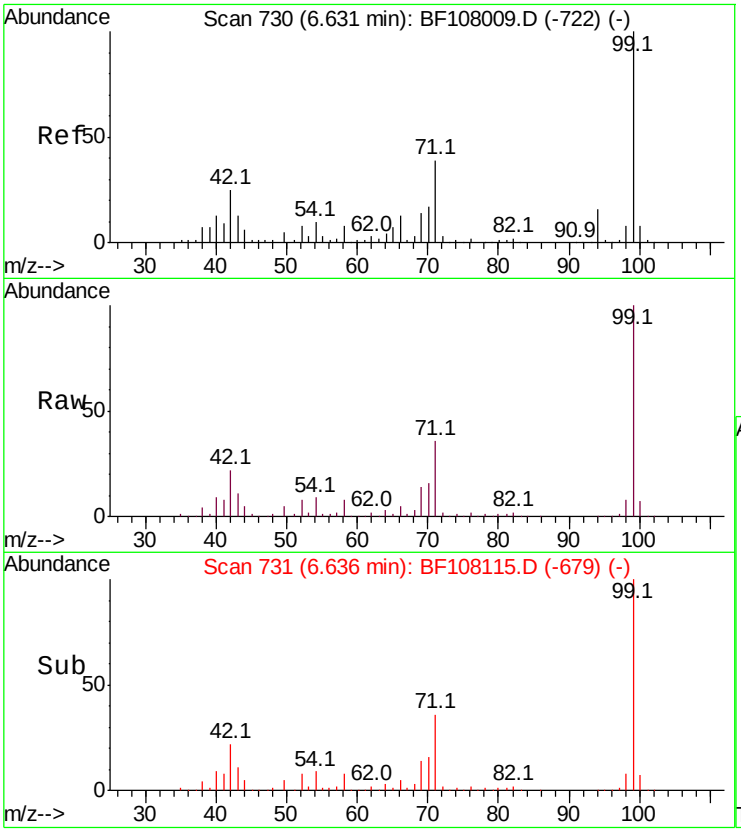


#5
2-Fluorophenol
Concen: 48.661 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:112 Resp: 763004

Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	35.4	23.7	35.5



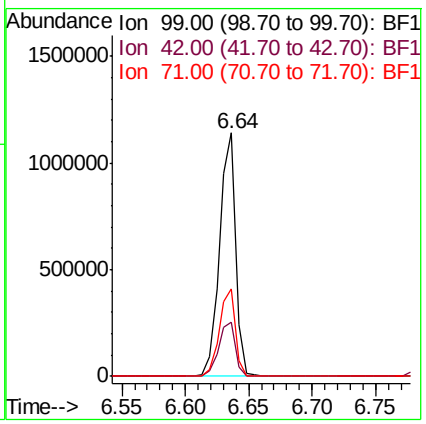


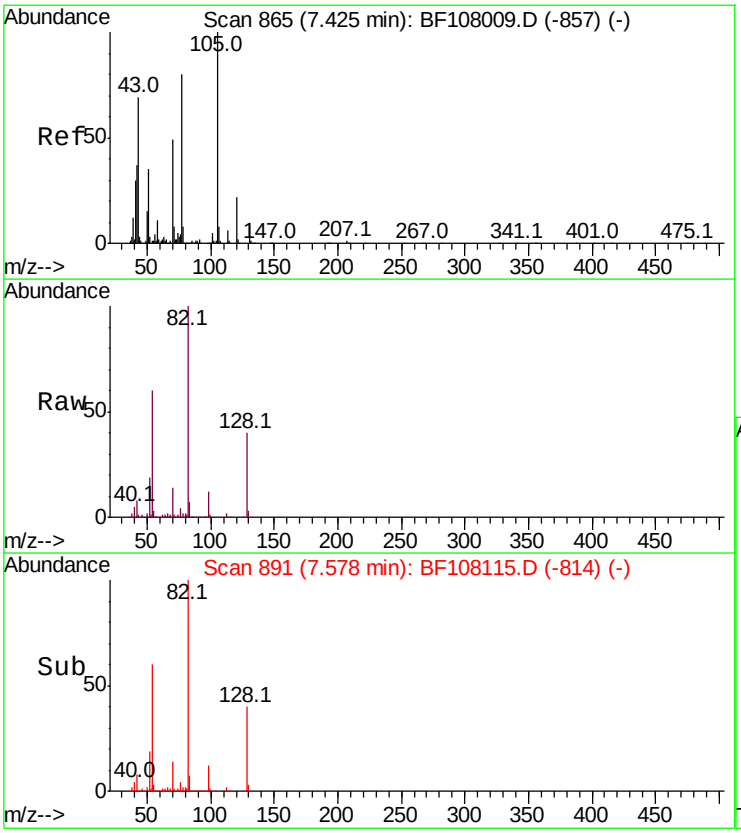
#7
Phenol-d6
Concen: 48.638 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1013452

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	35.8	25.4	38.0

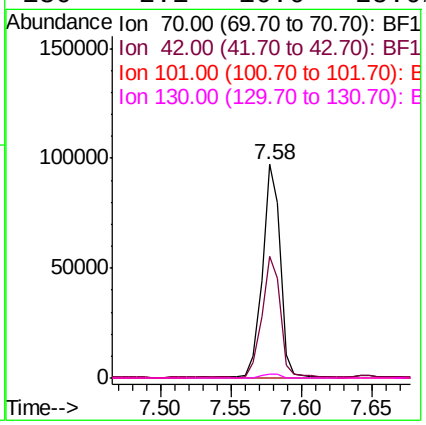


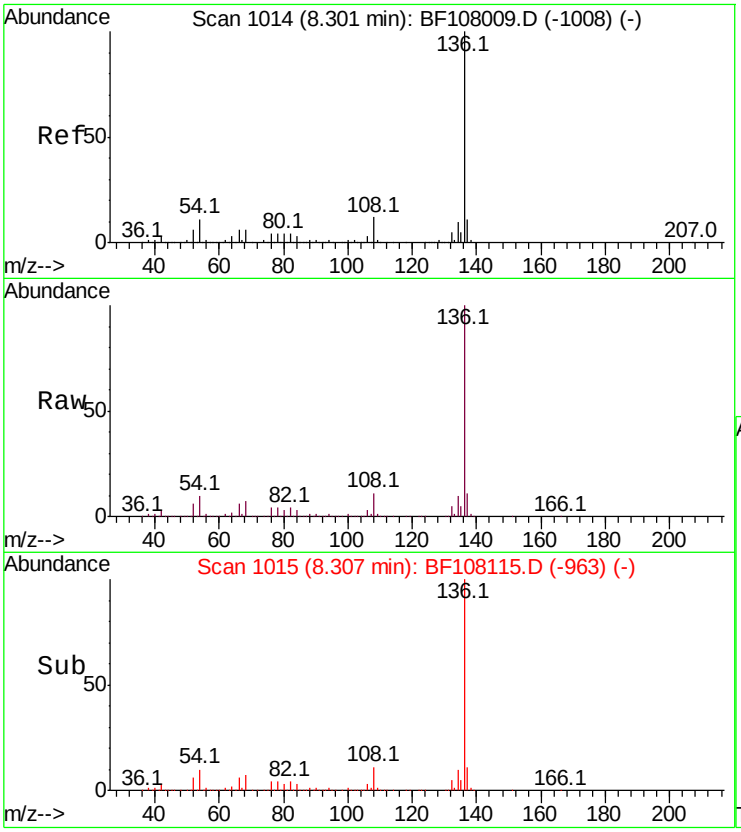


#19
n-Nitroso-di-n-propylamine
Concen: 6.248 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion: 70 Resp: 88033

Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



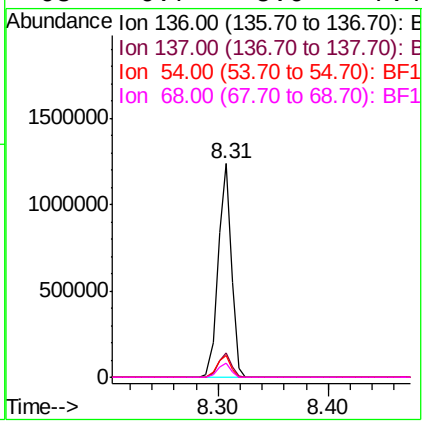


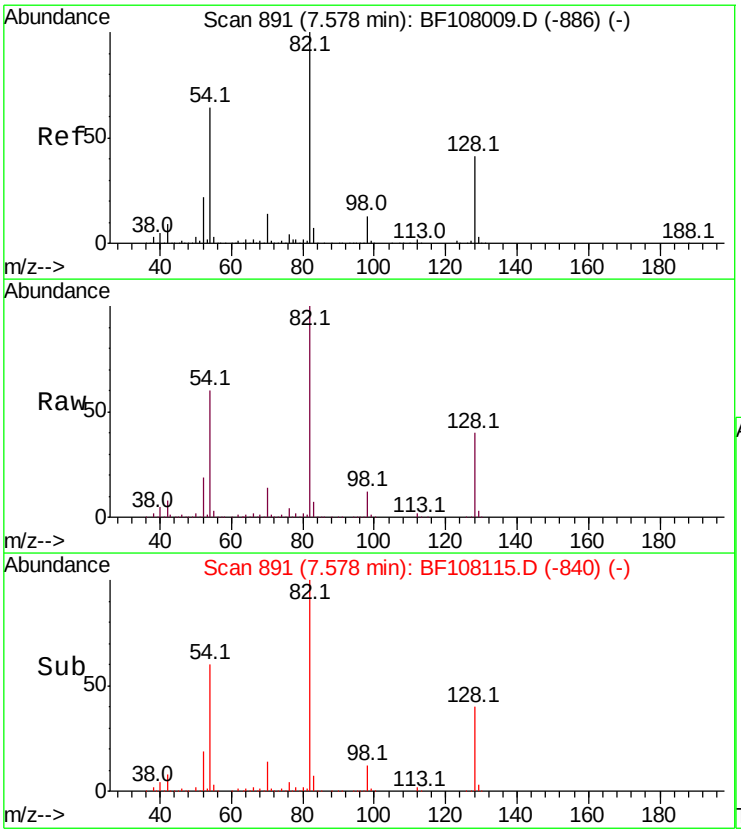
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1027643

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.4	6.6	9.8#
68	6.7	5.0	7.4

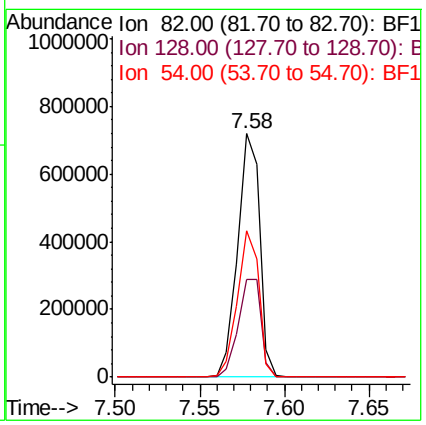


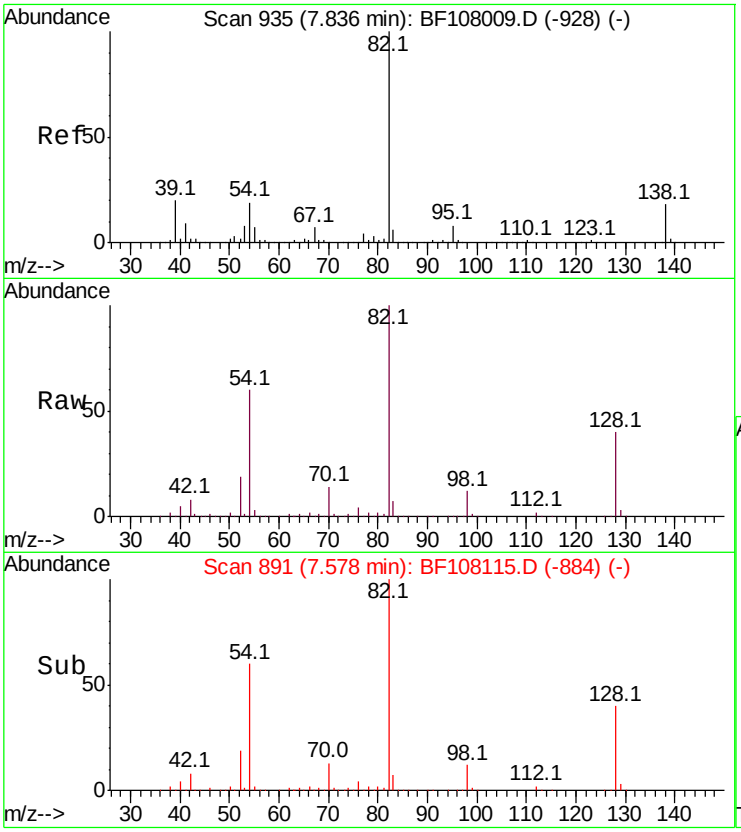


#23
Nitrobenzene-d5
Concen: 35.630 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion: 82 Resp: 656164

Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.1	54.1
54	60.1	41.4	62.2



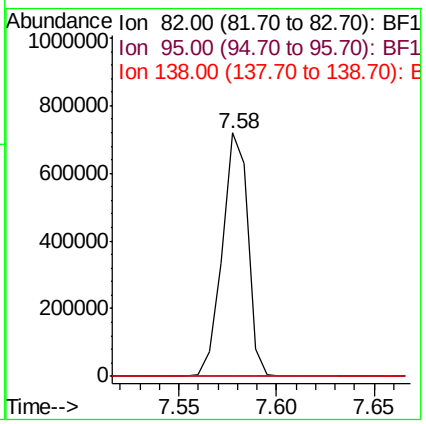


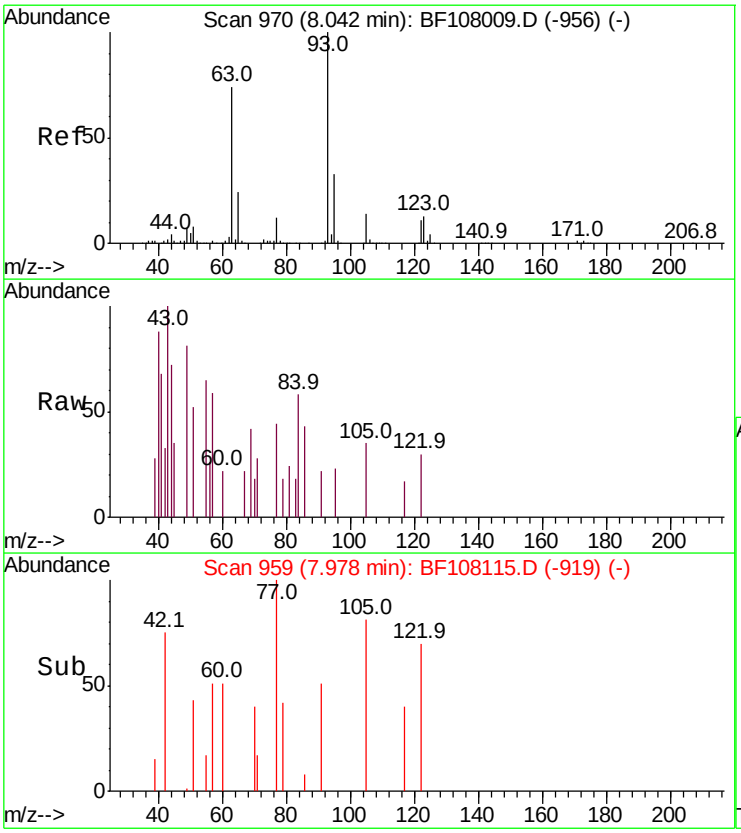
#25
Isophorone
Concen: 18.610 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 653260

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

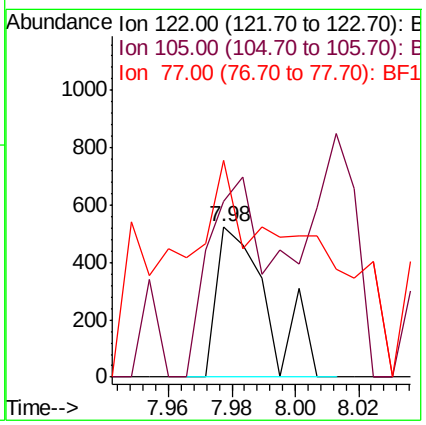


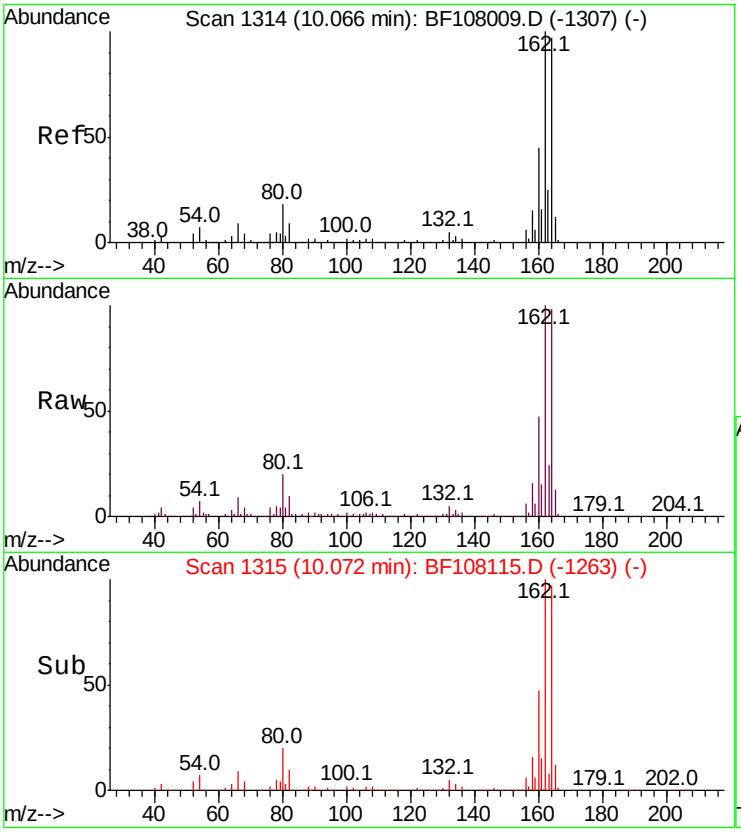


#32
Benzoic acid
Concen: 6.031 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:122 Resp: 580

Ion	Ratio	Lower	Upper
122	100		
105	116.3	101.1	141.1
77	143.5	70.7	110.7#



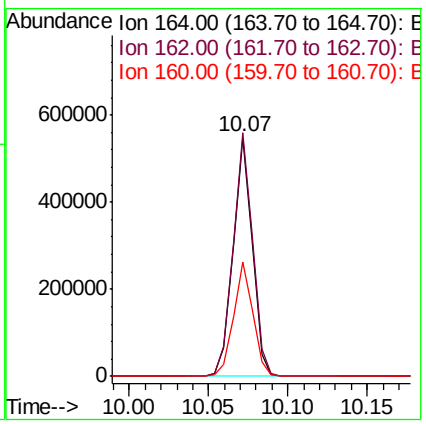


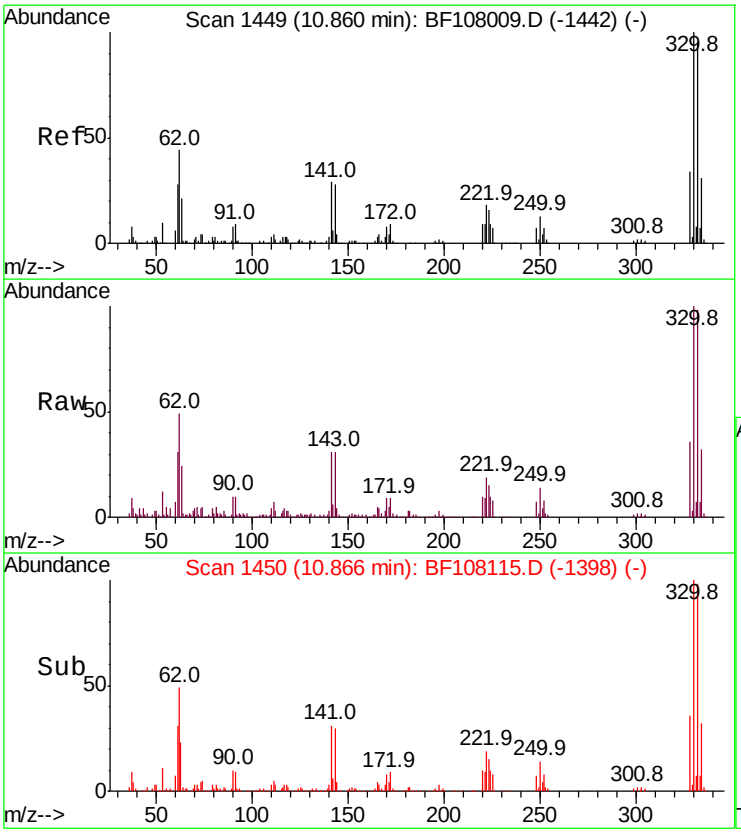
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 461204

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	47.7	38.3	57.5

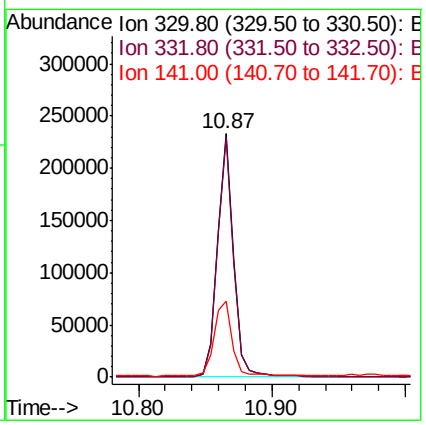


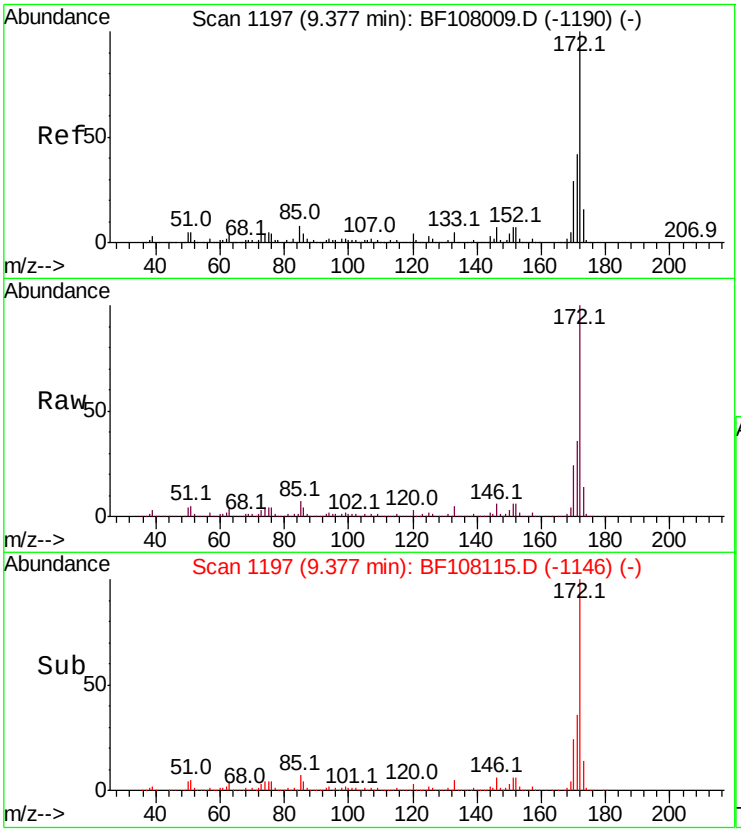


#41
2,4,6-Tribromophenol
Concen: 43.522 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:330 Resp: 200217

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	34.0	29.9	44.9



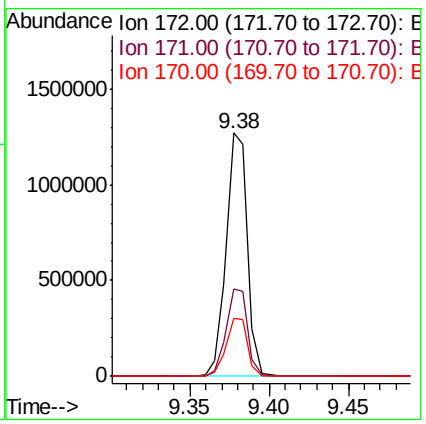


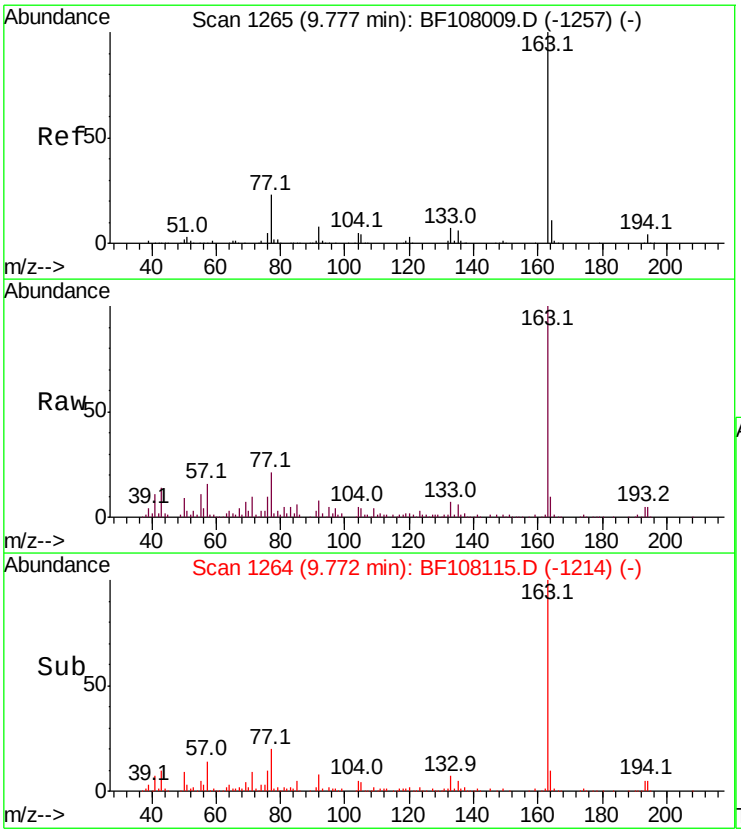
#44
2-Fluorobiphenyl
Concen: 40.983 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1177322

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

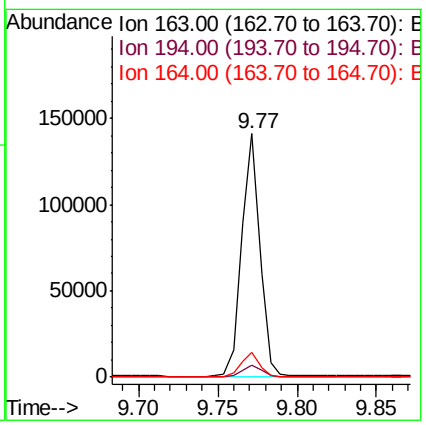


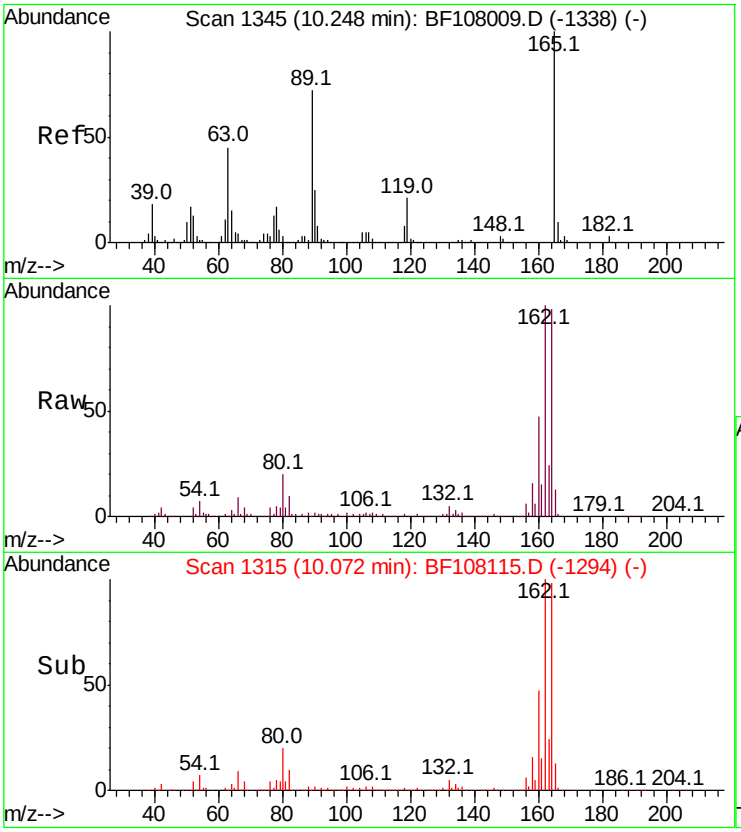


#49
Dimethylphthalate
Concen: 3.487 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:163 Resp: 112038

Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.7	4.1#
164	10.3	8.2	12.2



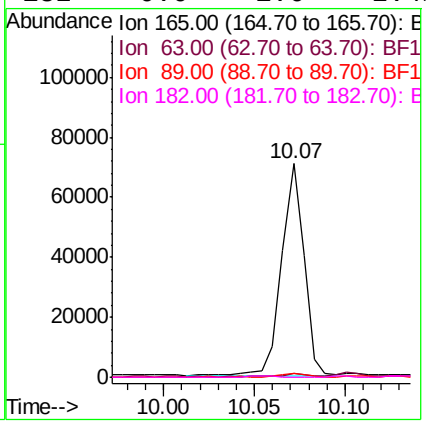


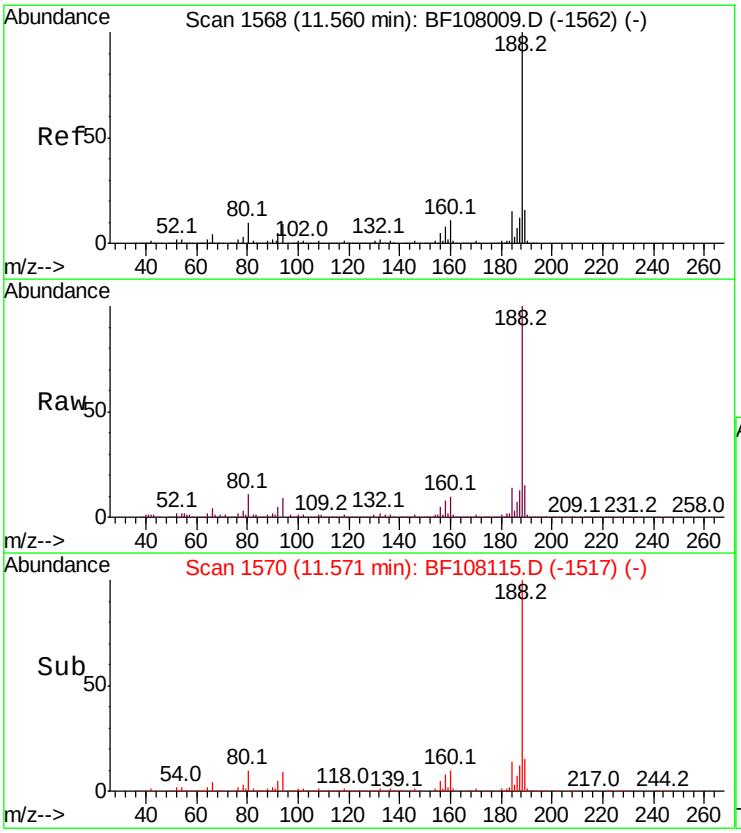
#56
2,4-Dinitrotoluene
Concen: 7.022 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 60757

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

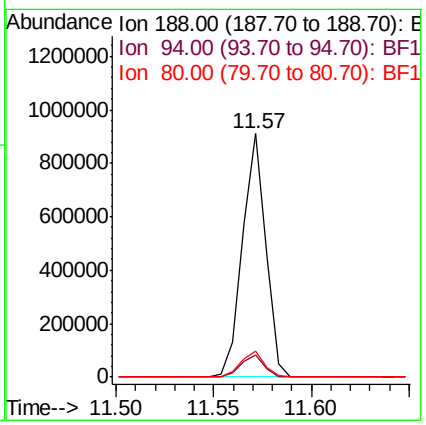


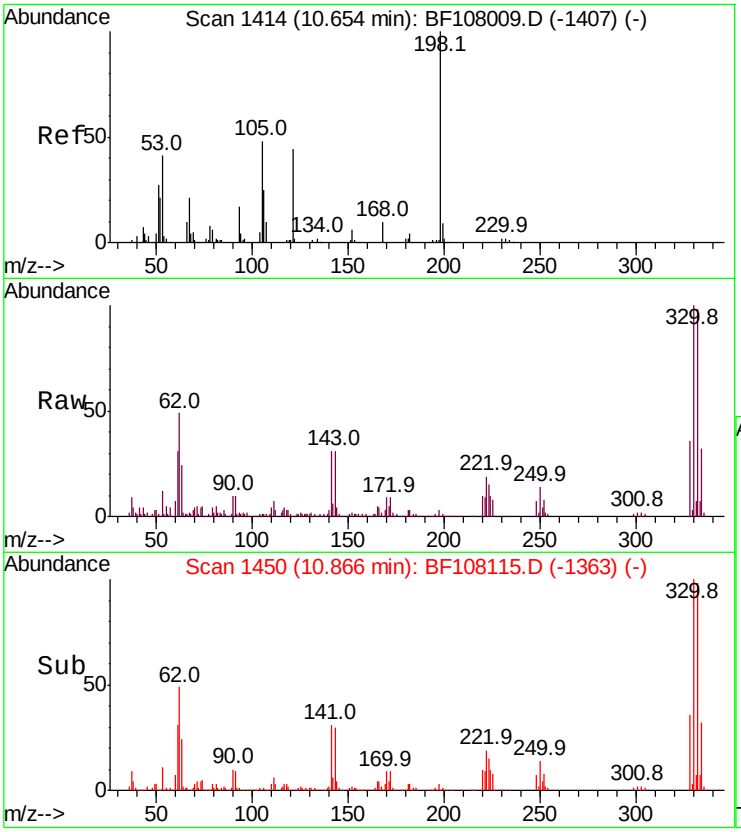


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:188 Resp: 755216

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.5	9.2	13.8



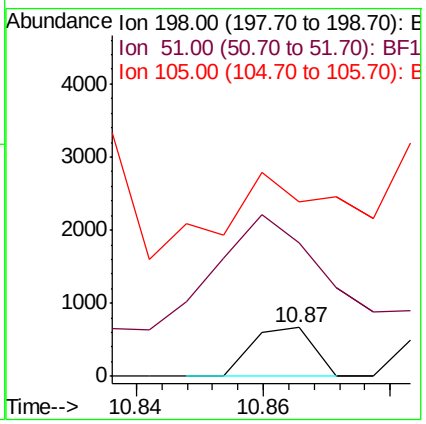


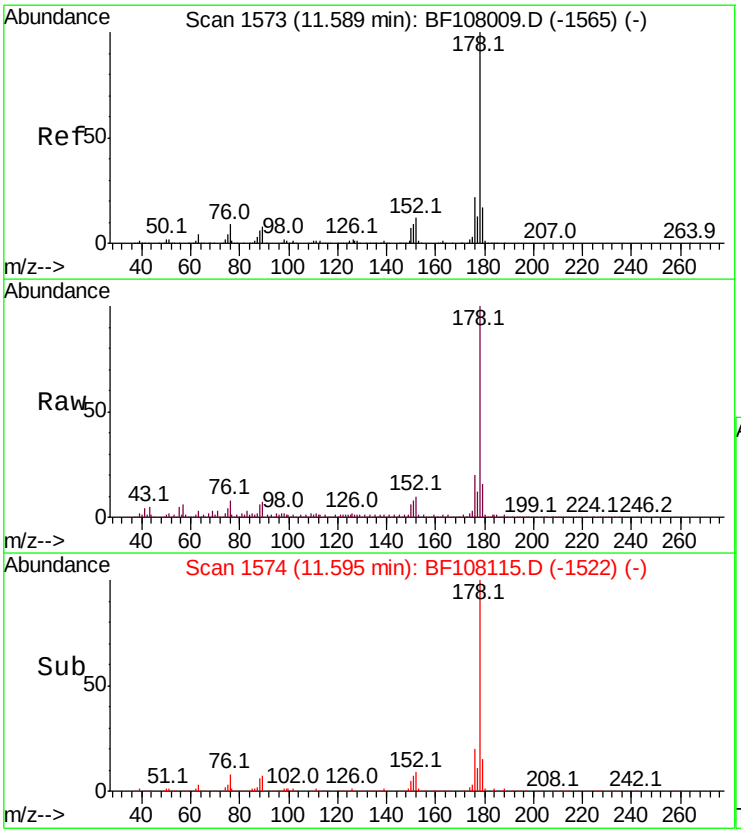
#64
4,6-Dinitro-2-methylphenol
Concen: 5.498 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.21 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 444

Ion	Ratio	Lower	Upper
198	100		
51	274.5	37.7	77.7#
105	361.1	36.3	76.3#

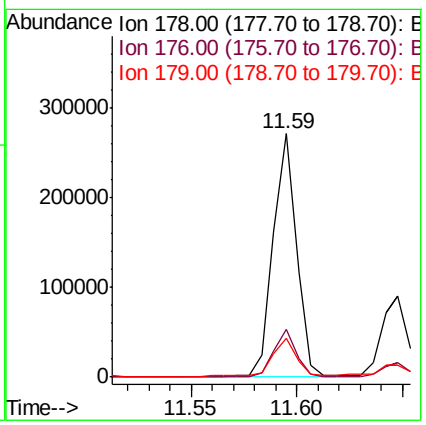


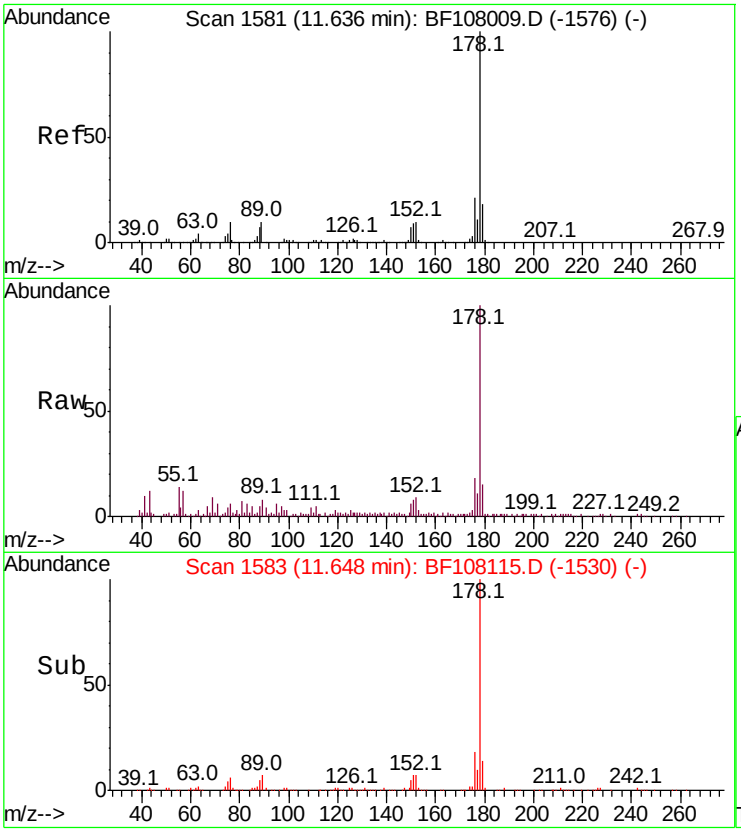


#70
Phenanthrene
Concen: 5.832 ng
RT: 11.59 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:178 Resp: 207736

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	13.0	19.6



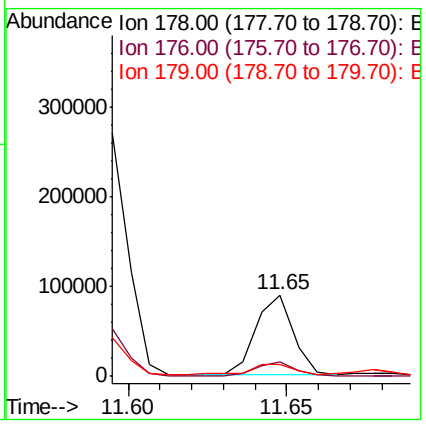


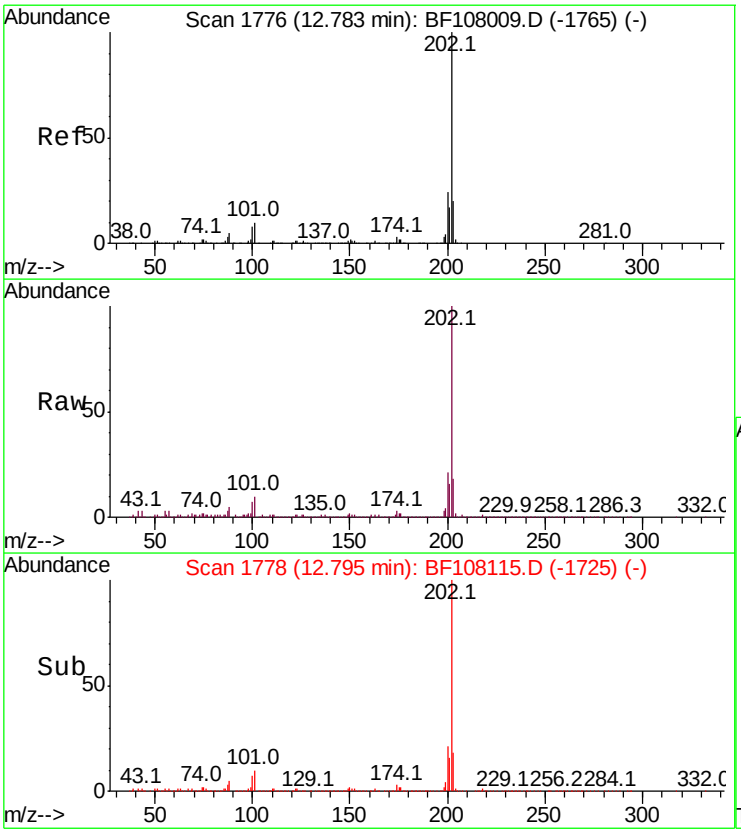
#71
Anthracene
Concen: 2.024 ng
RT: 11.65 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 73911

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.0	12.6	19.0

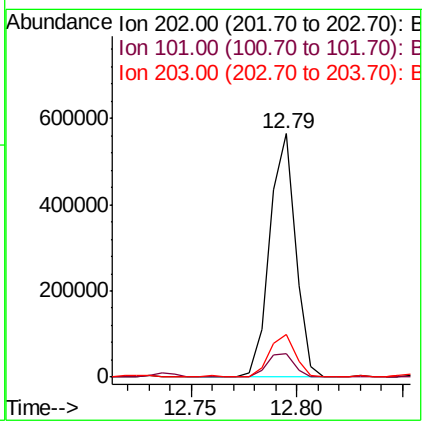


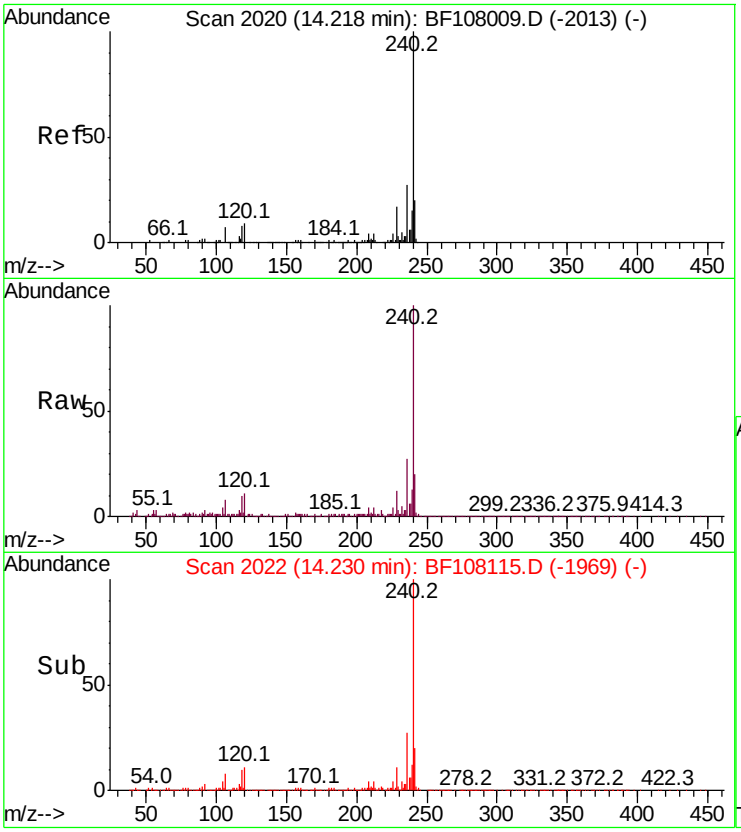


#74
Fluoranthene
Concen: 12.275 ng
RT: 12.79 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:202 Resp: 477214

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.7	0.0	38.1



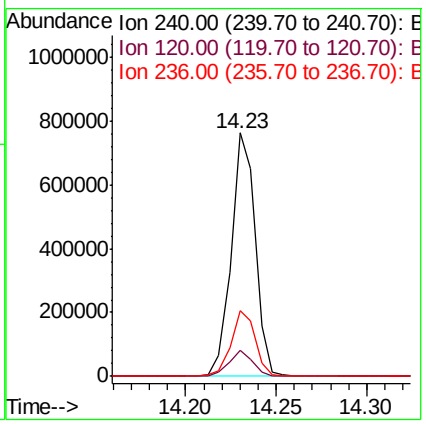


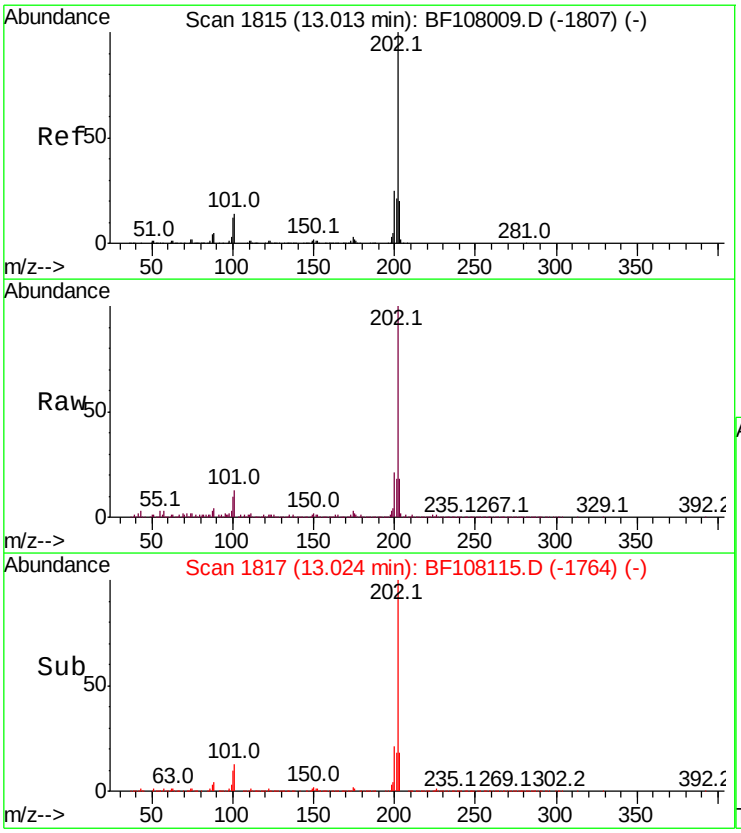
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.23 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 699946

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	27.1	20.7	31.1

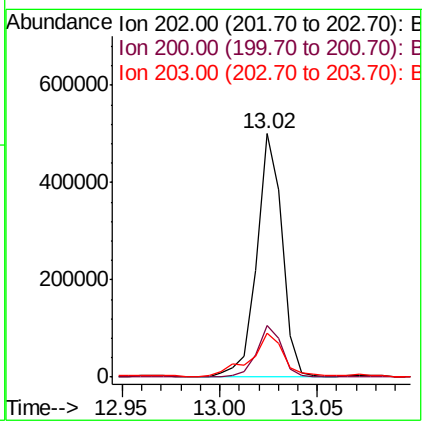


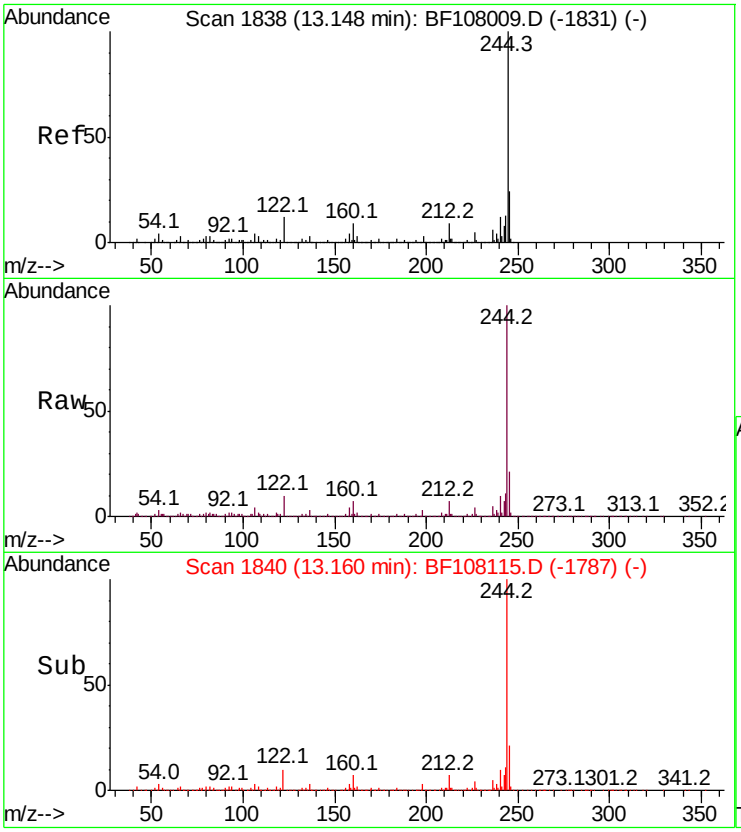


#77
Pyrene
Concen: 10.082 ng
RT: 13.02 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:202 Resp: 446755

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.9	14.3	21.5



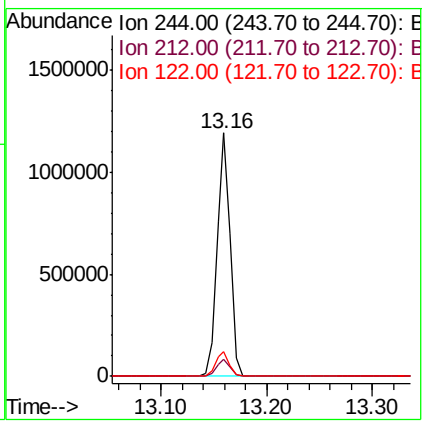


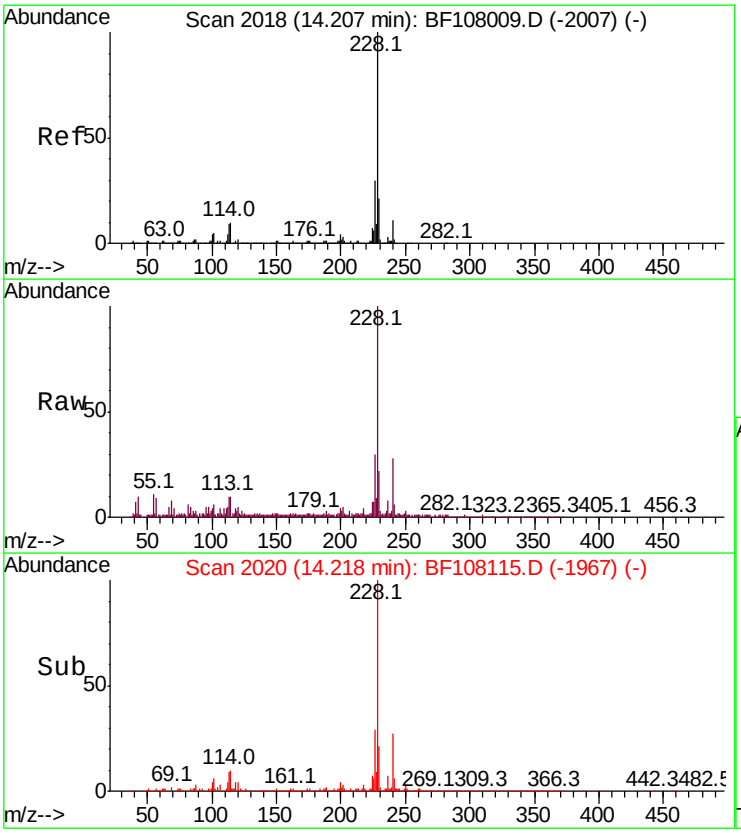
#78
Terphenyl-d14
Concen: 37.579 ng
RT: 13.16 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1034521

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.2	11.0	16.4#

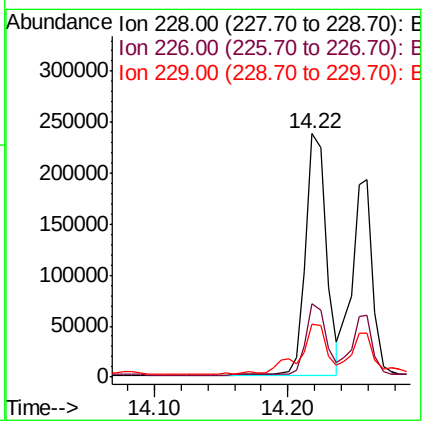


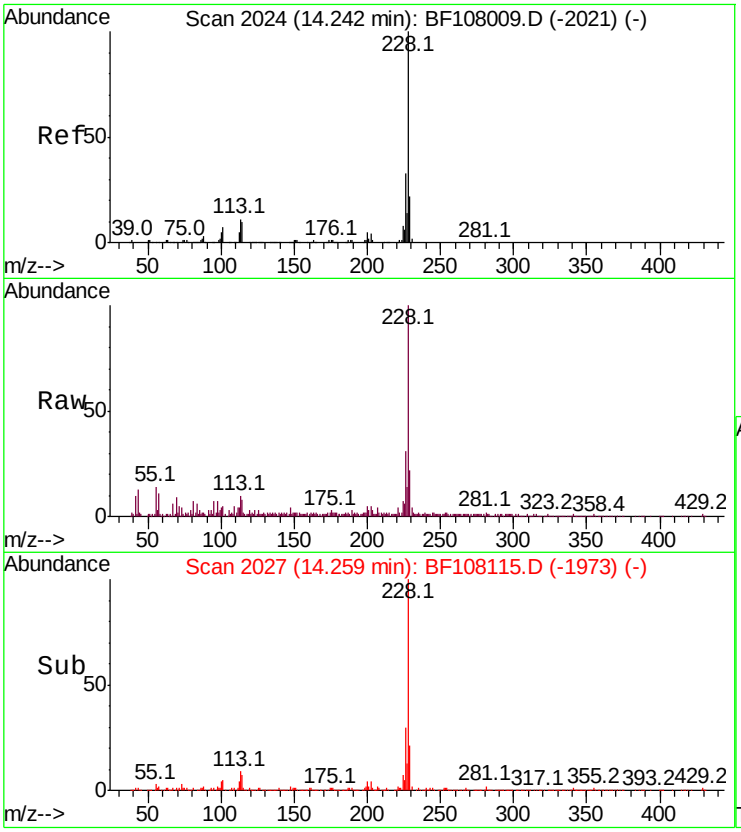


#80
Benzo(a)anthracene
Concen: 6.340 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:228 Resp: 254678

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	21.9	15.8	23.6



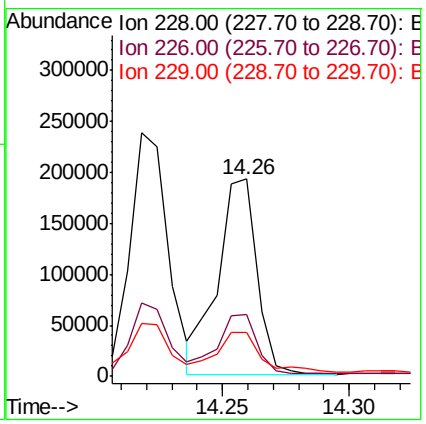


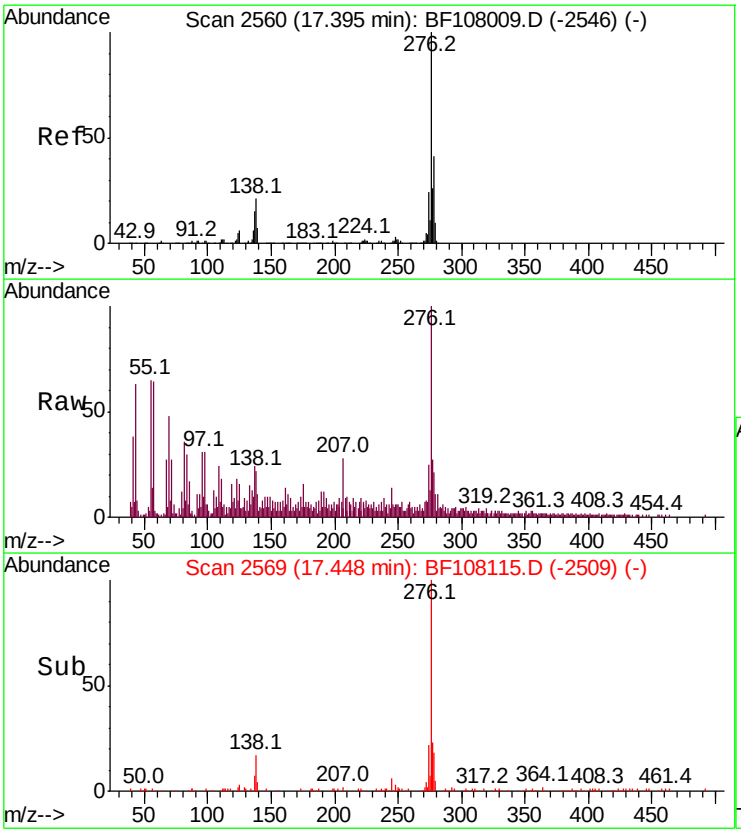
#82
Chrysene
Concen: 5.643 ng
RT: 14.26 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 207823

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.1	16.2	24.4

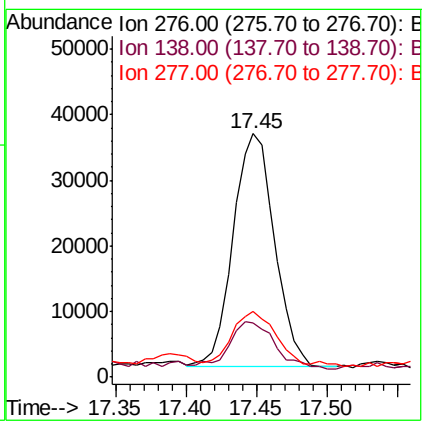


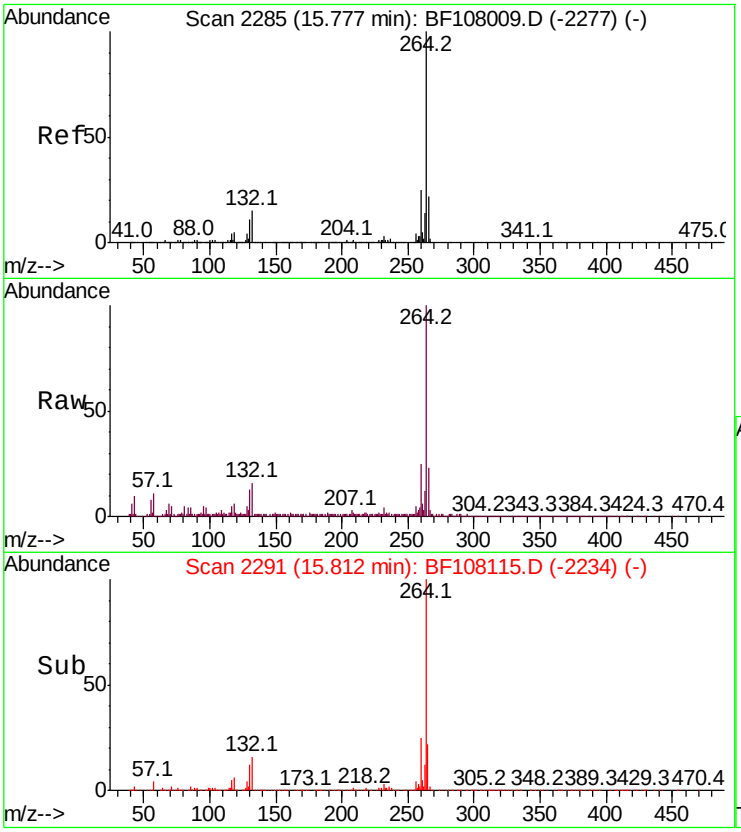


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.287 ng
RT: 17.45 min Scan# 2569
Delta R.T. 0.05 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:276 Resp: 72966

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	23.7	20.1	30.1



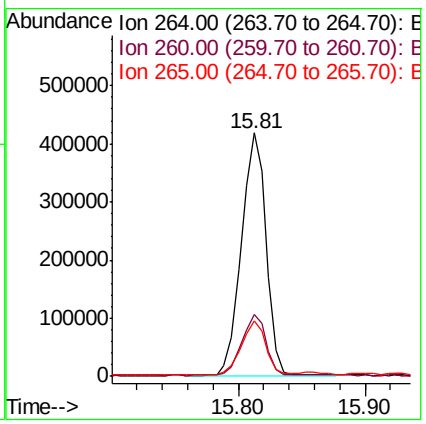


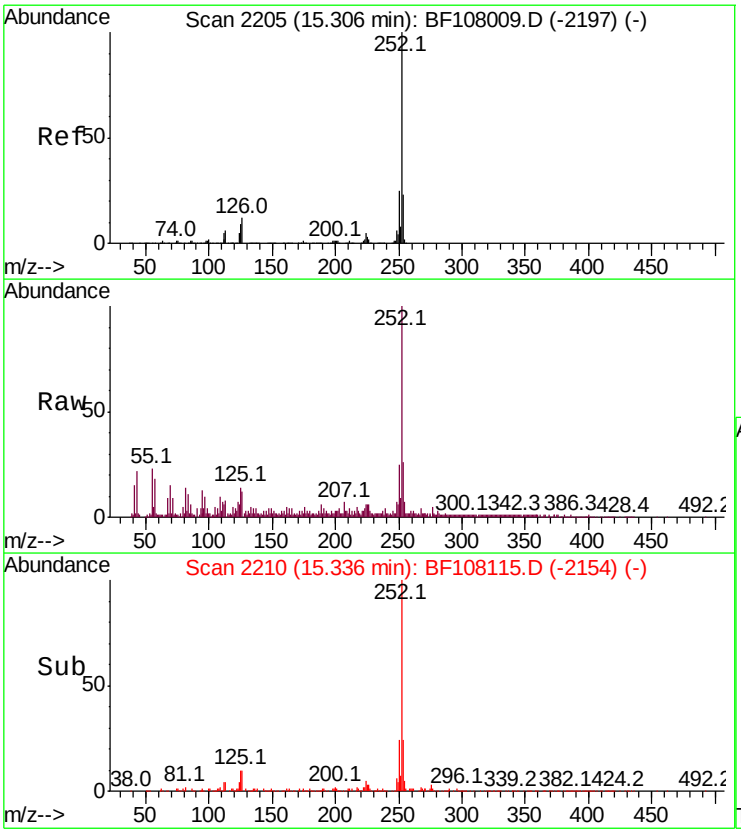
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.81 min Scan# 2291
Delta R.T. 0.04 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 562406

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	23.0	17.5	26.3

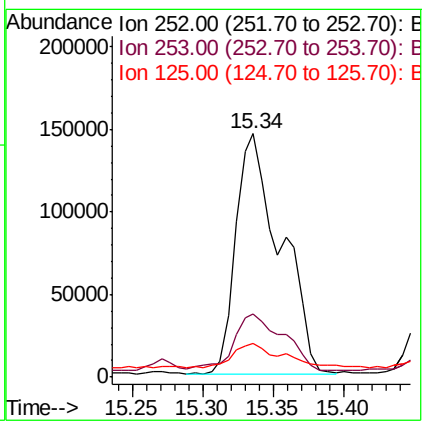


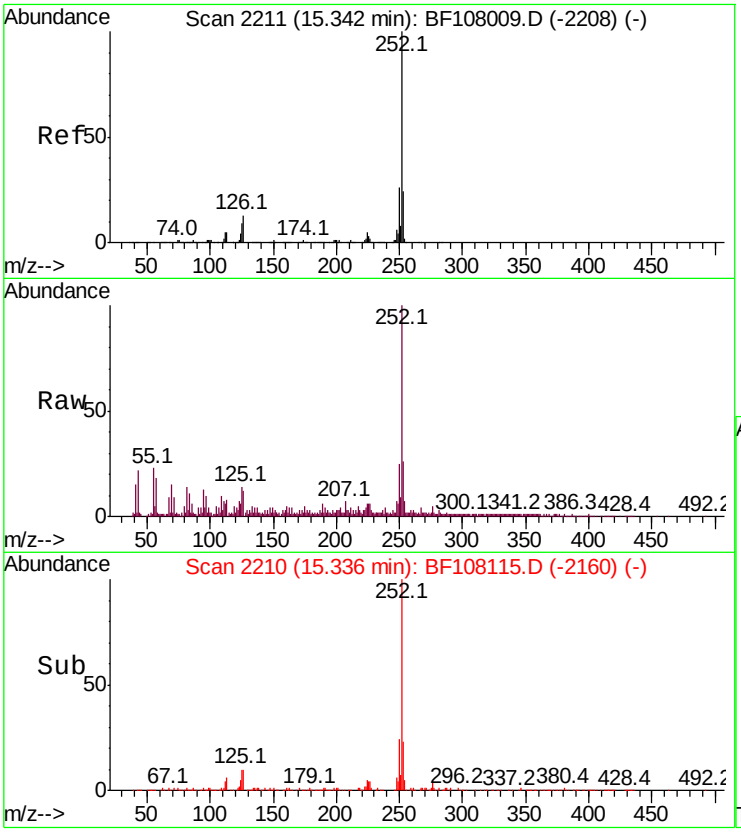


#87
Benzo(b)fluoranthene
Concen: 9.582 ng
RT: 15.34 min Scan# 2210
Delta R.T. 0.03 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:252 Resp: 322021

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	13.7	9.0	13.6#



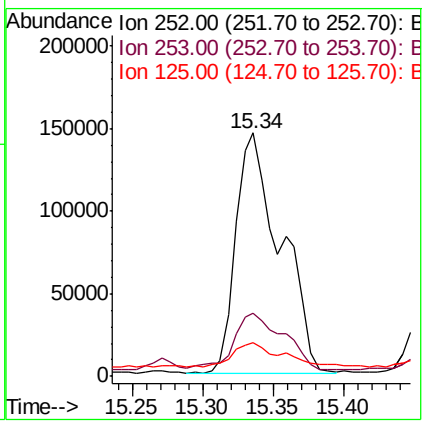


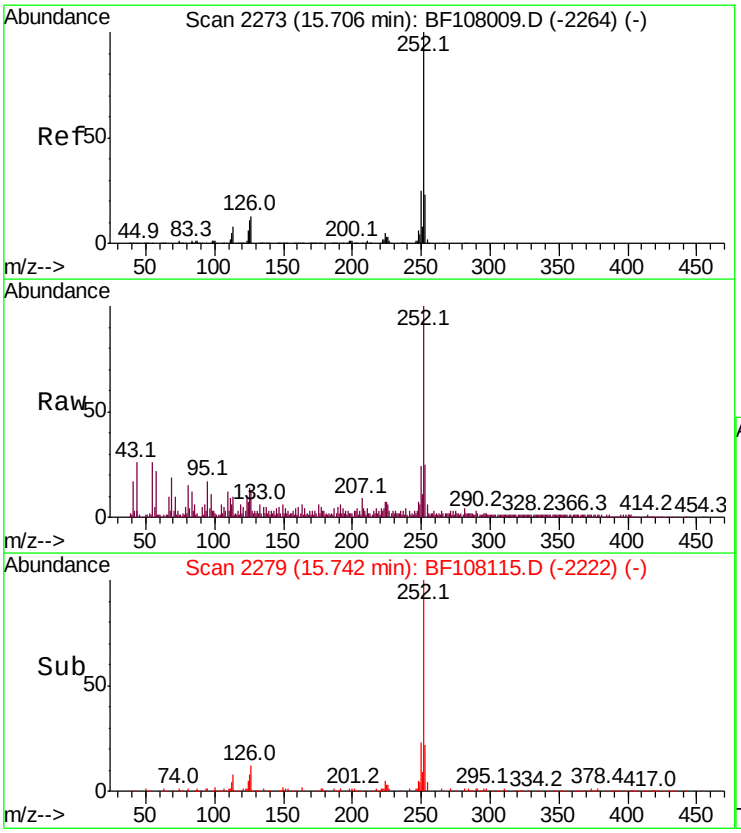
#88
Benzo(k)fluoranthene
Concen: 10.424 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 322021

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	13.7	10.2	15.2

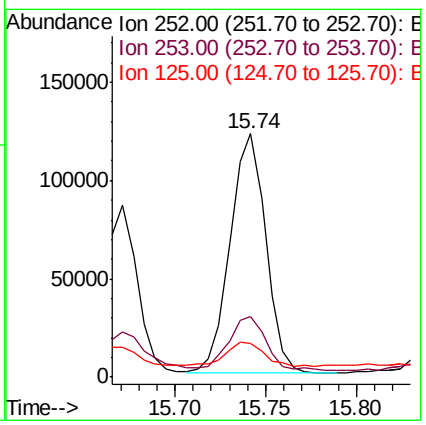


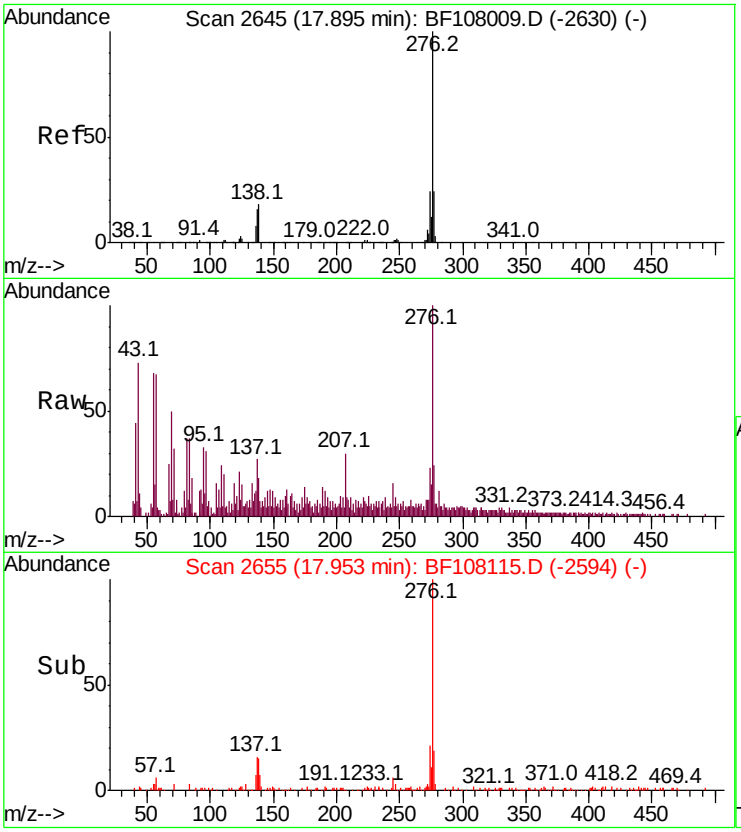


#89
Benzo(a)pyrene
Concen: 5.560 ng
RT: 15.74 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Tgt Ion:252 Resp: 167327

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	13.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.772 ng
RT: 17.95 min Scan# 2655
Delta R.T. 0.06 min
Lab File: BF108115.D
Acq: 13 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 67956

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	18.2	21.8	32.8#