Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108240.D
Acq On : 17 Aug 2018 13:52
Operator : JU/SJ
Sample : J4511-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 17 14:53:54 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	7.01	152	147580	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	563076	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	282668	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	518920	20.00	ng		0.00
75) Chrysene-d12	14.21	240	417495	20.00	ng		-0.01
86) Perylene-d12	15.78	264	417629	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	789081	96.80	ng		0.00
7) Phenol-d6	6.63	99	1053451	97.25	ng		0.00
23) Nitrobenzene-d5	7.58	82	700872	69.46	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	297903	105.66	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1293683	73.48	ng		0.00
78) Terphenyl-d14	13.14	244	1190632	72.51	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.64	94	26327	2.350	ng		82
19) n-Nitroso-di-n-propylamine	7.58	70	94332	12.878	ng	#	82
25) Isophorone	7.58	82	700868	36.440	ng	#	64
32) Benzoic acid	8.05	122	219	6.013	ng	#	1
49) Dimethylphthalate	9.76	163	161846	8.220	ng	#	99
56) 2,4-Dinitrotoluene	10.06	165	39426	7.435	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.85	198	762	5.706	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	19858	3.521	ng	#	1
70) Phenanthrene	11.58	178	59955	2.450	ng		100
71) Anthracene	11.58	178	59955	2.390	ng		99
74) Fluoranthene	12.78	202	80795	3.025	ng		95
77) Pyrene	13.01	202	78767	2.980	ng		97
82) Chrysene	14.24	228	48137	2.191	ng	#	93
87) Benzo(b)fluoranthene	15.30	252	90191	3.614	ng	#	86
88) Benzo(k)fluoranthene	15.30	252	90191	3.932	ng	#	89
89) Benzo(a)pyrene	15.70	252	50723	2.270	ng	#	90
91) Benzo(g,h,i)perylene	17.88	276	40636	2.232	ng	#	91

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

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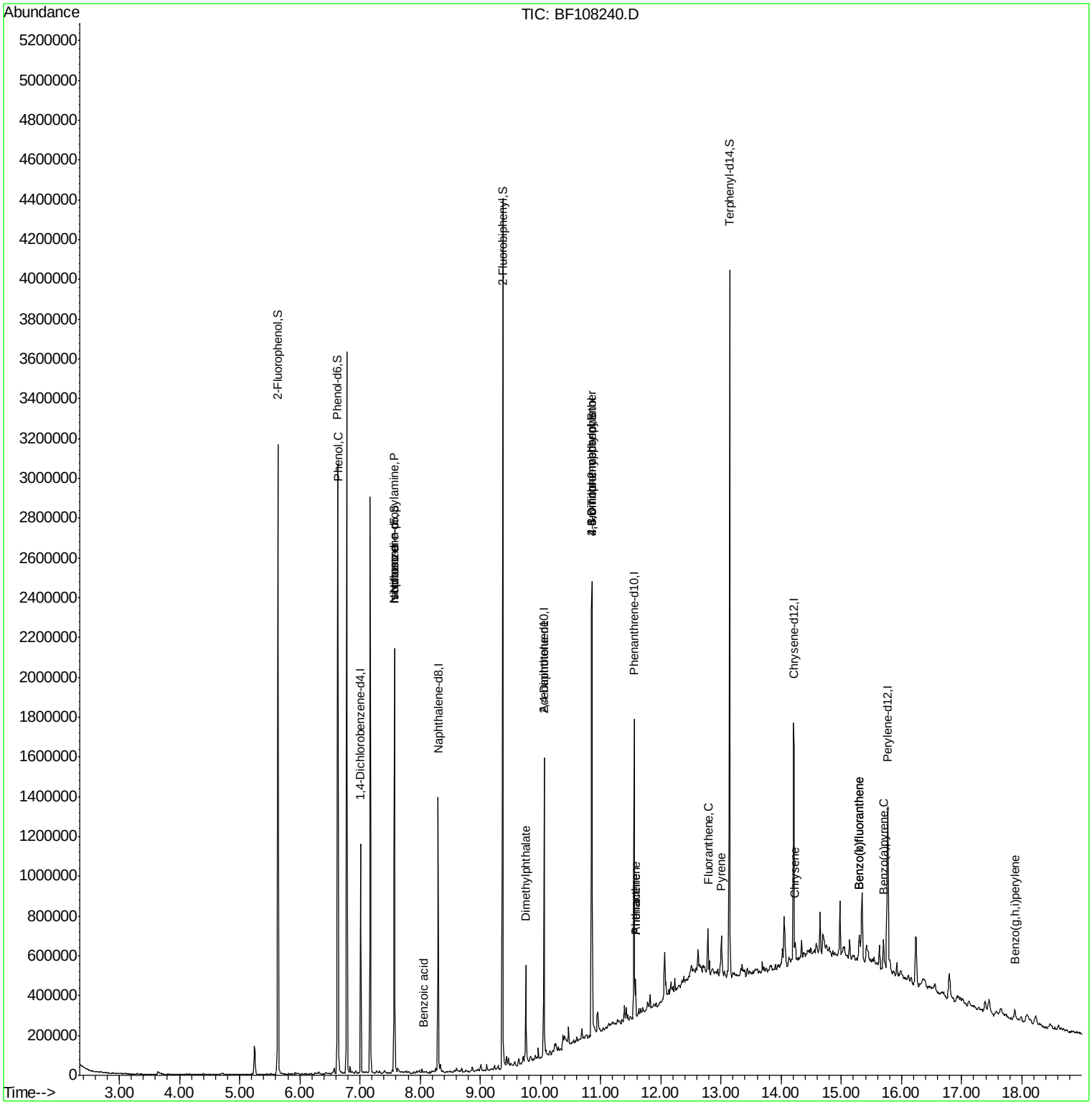
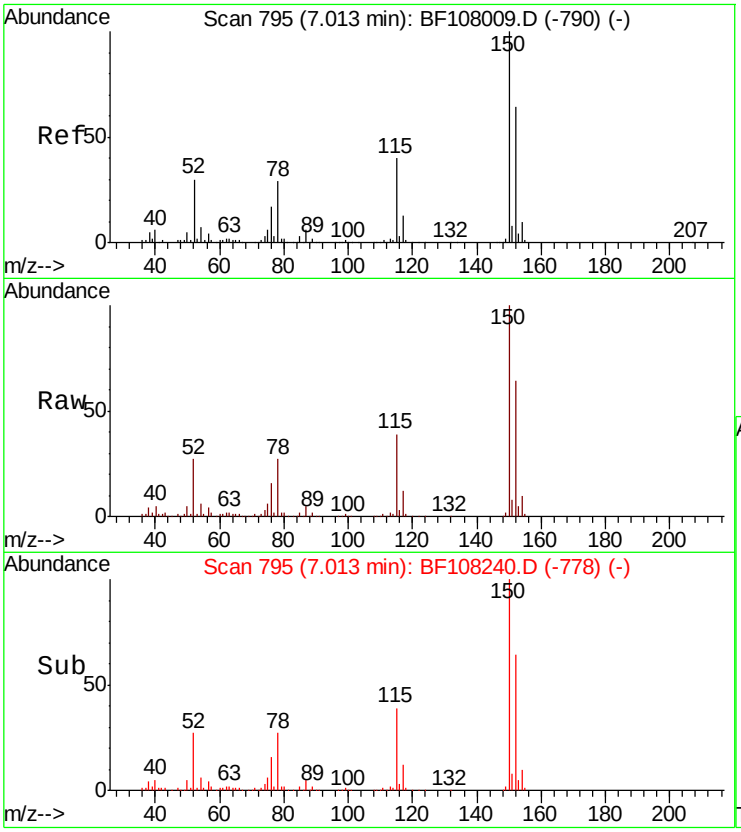


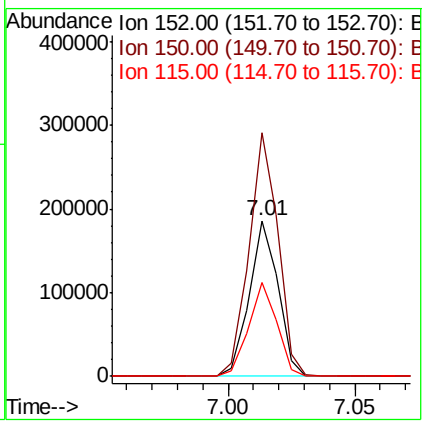


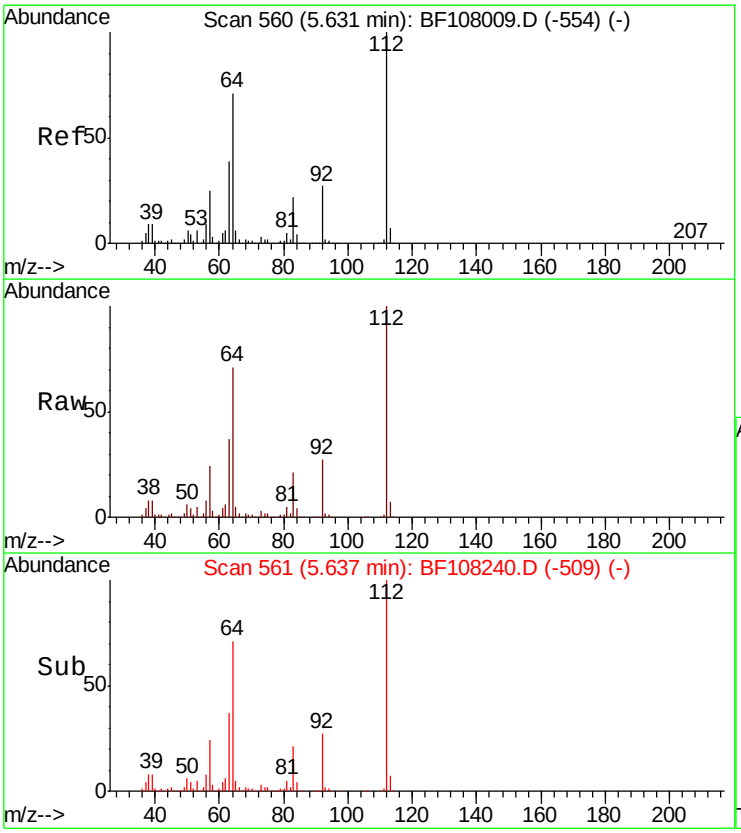
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147580

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.7	50.1	75.1

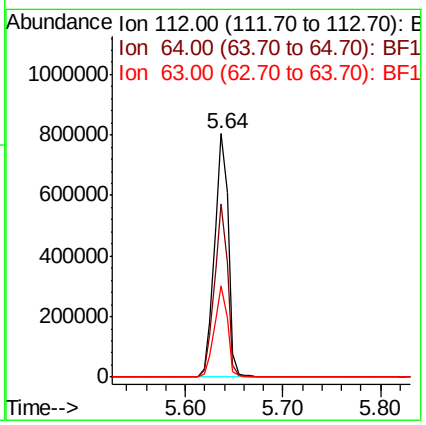


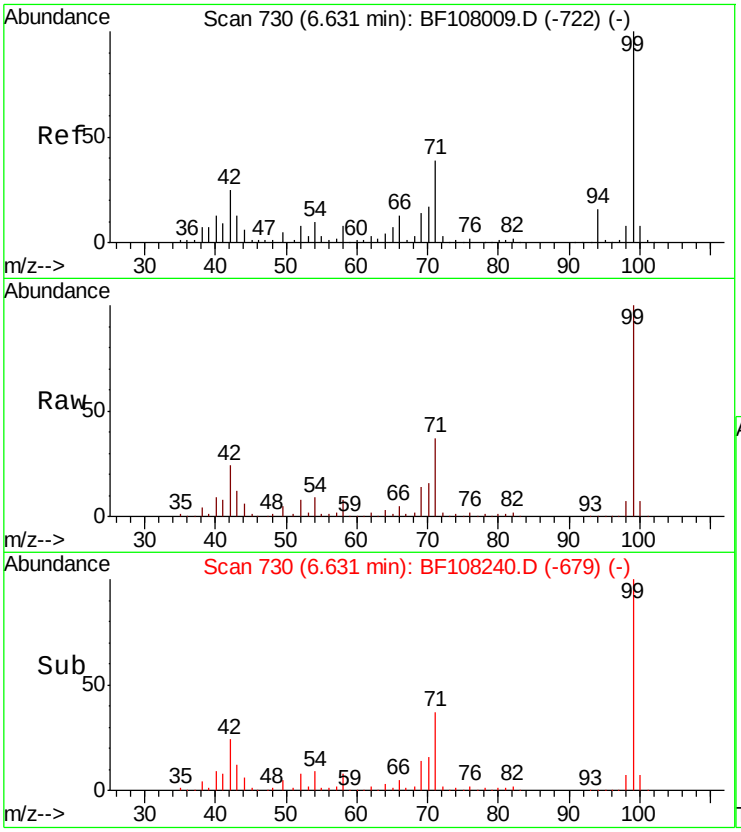


#5
2-Fluorophenol
Concen: 96.801 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:112 Resp: 789081

Ion	Ratio	Lower	Upper
112	100		
64	70.9	47.9	71.9
63	37.3	23.7	35.5#



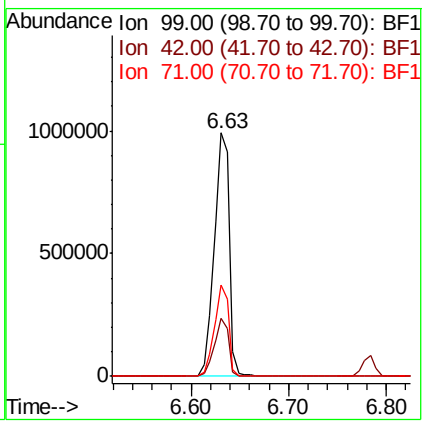


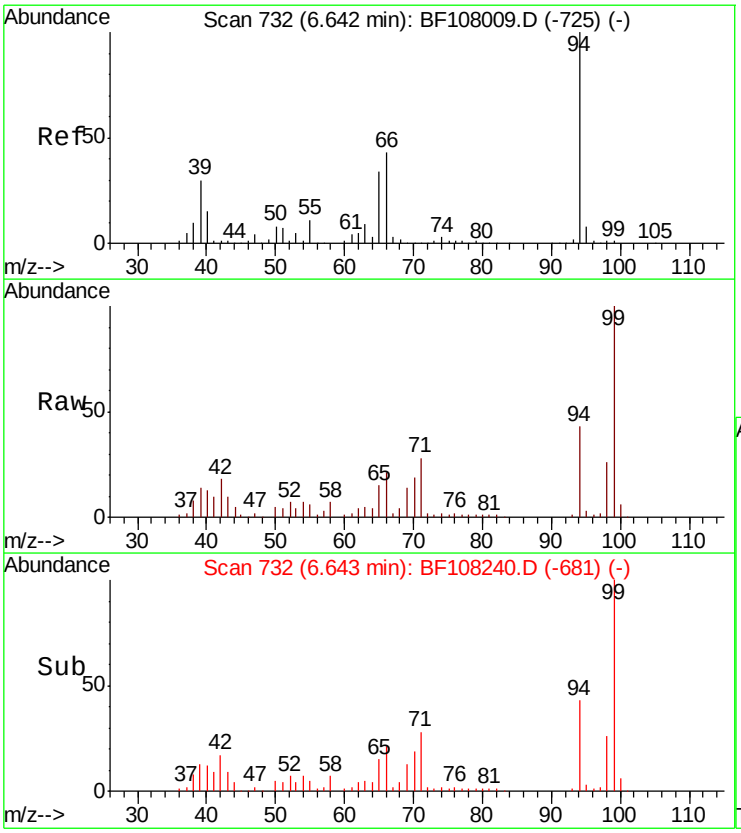
#7
Phenol-d6
Concen: 97.251 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1053451

Ion	Ratio	Lower	Upper
99	100		
42	23.8	14.5	21.7#
71	37.3	25.4	38.0

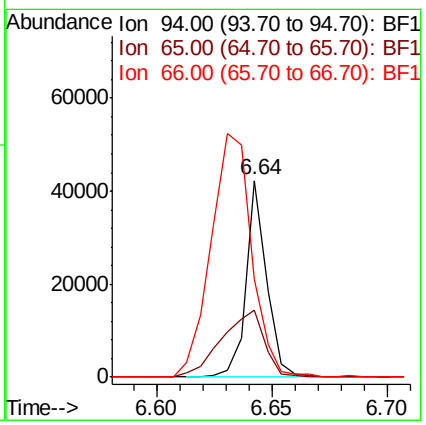


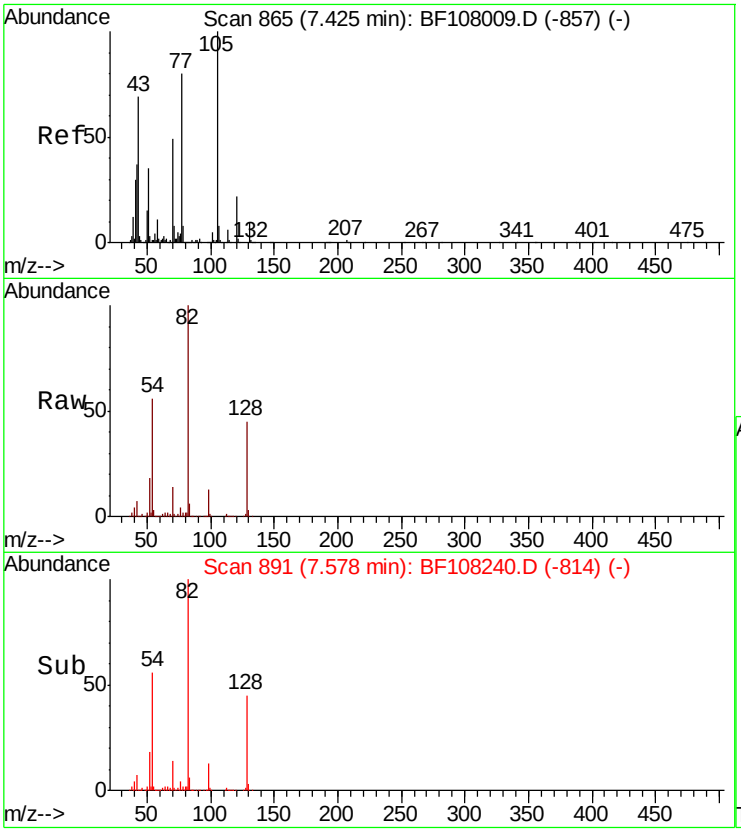


#10
Phenol
Concen: 2.350 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion: 94 Resp: 26327

Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.9	47.9
66	50.0	16.2	56.2



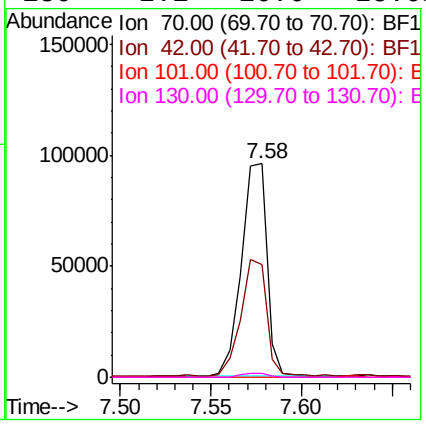


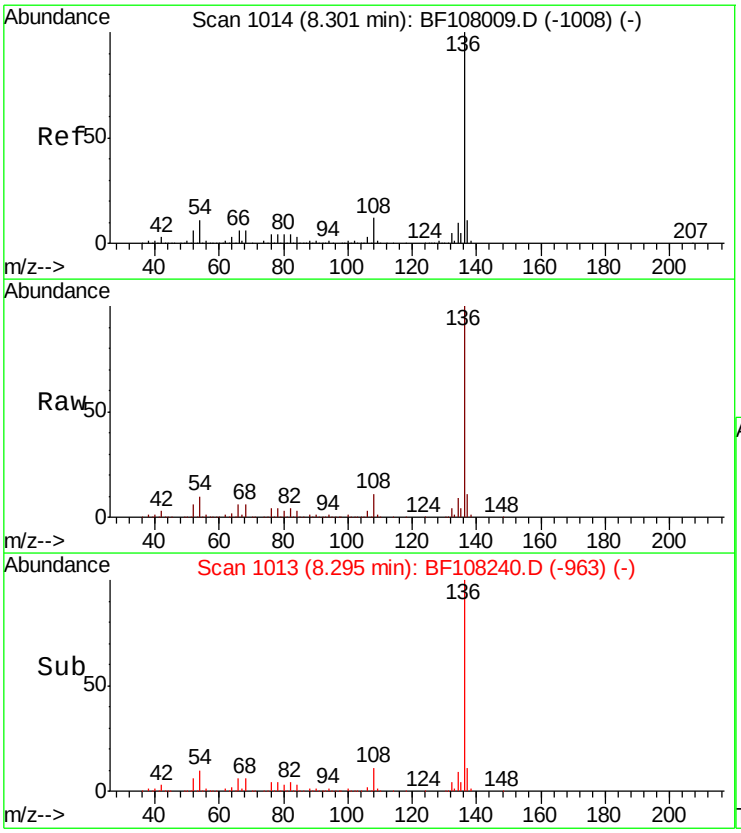
#19
n-Nitroso-di-n-propylamine
Concen: 12.878 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 94332

Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

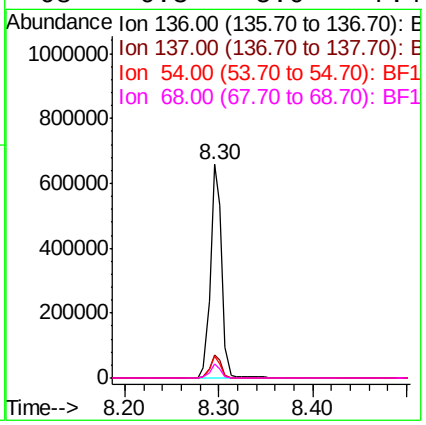


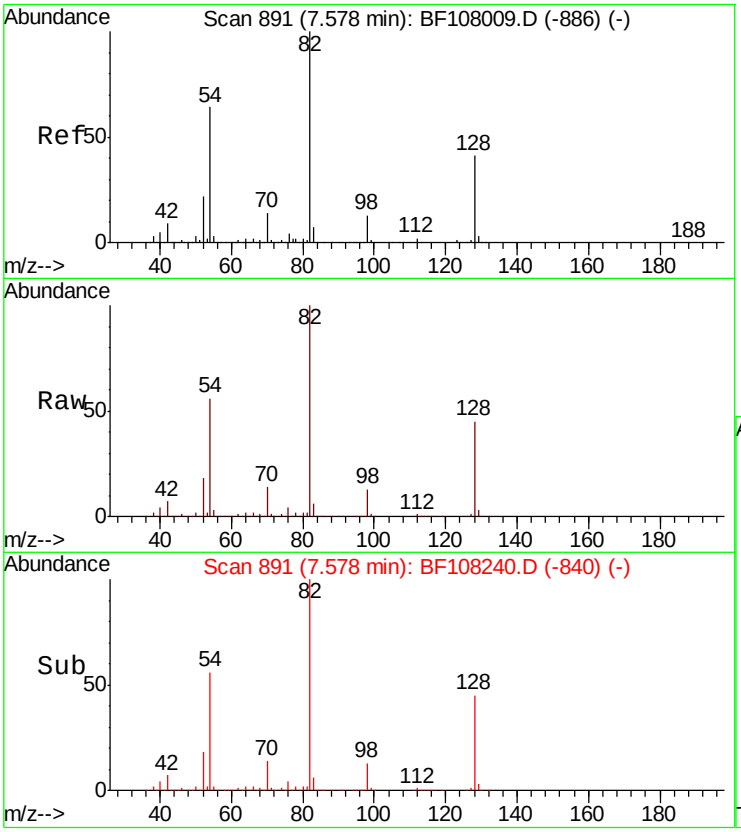


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:136 Resp: 563076

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.1	6.6	9.8#
68	6.3	5.0	7.4



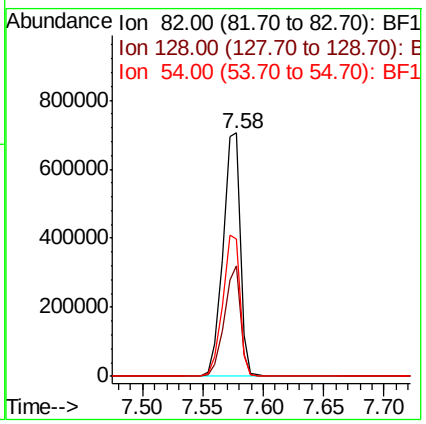


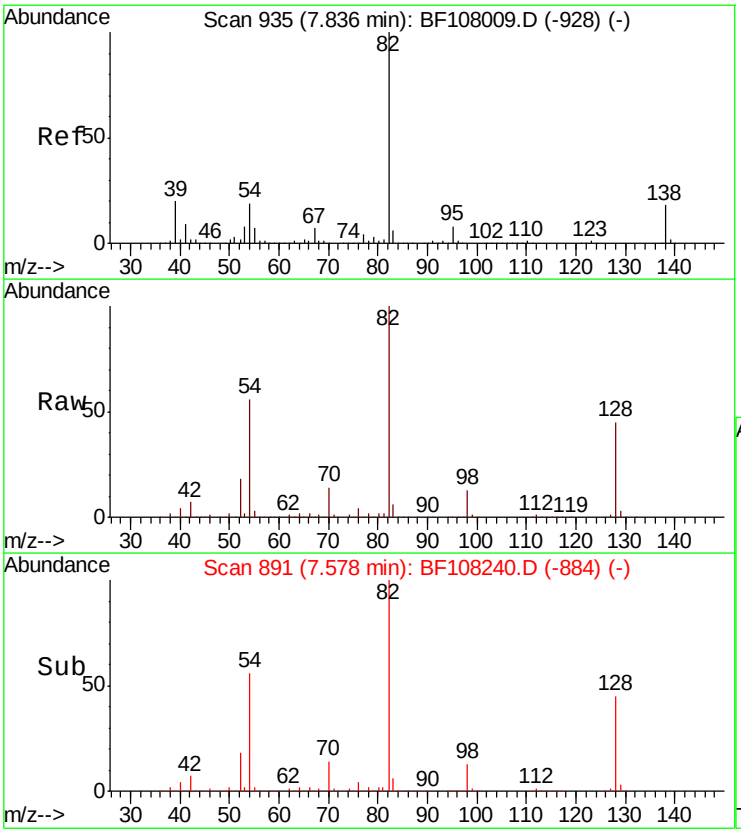
#23
Nitrobenzene-d5
Concen: 69.457 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 700872

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	56.4	41.4	62.2

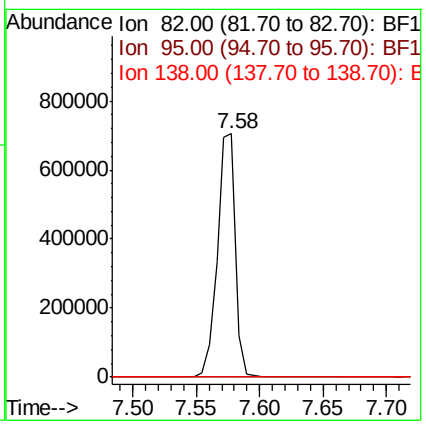


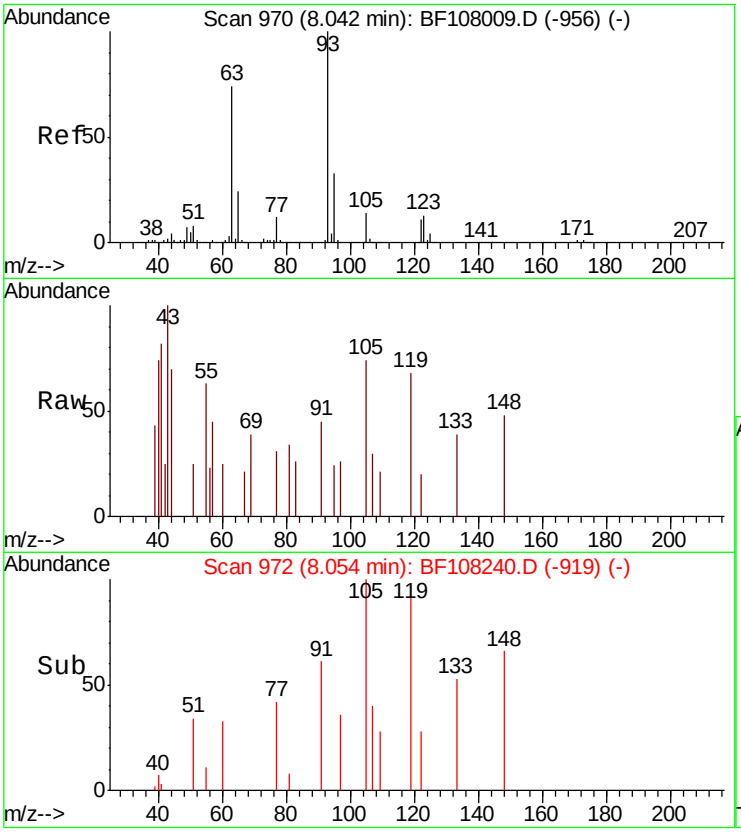


#25
Isophorone
Concen: 36.440 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion: 82 Resp: 700868

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



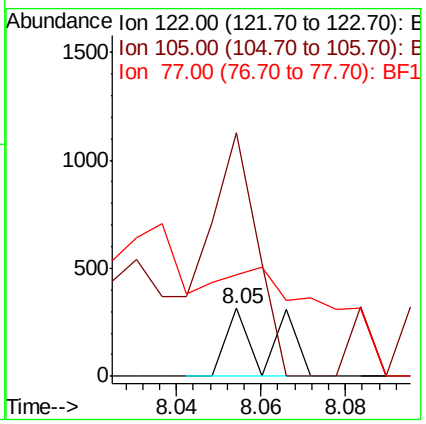


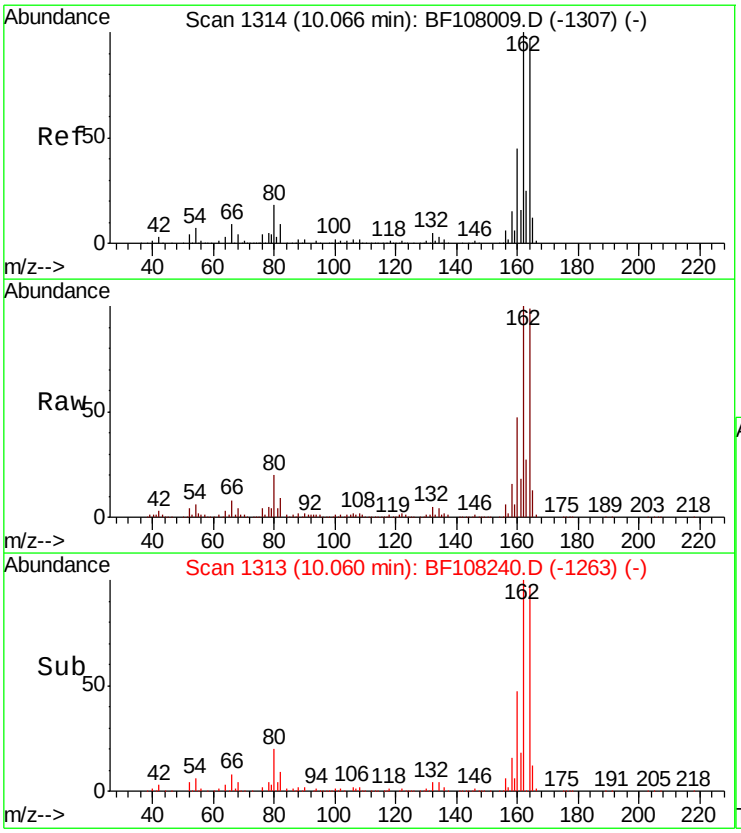
#32
Benzoic acid
Concen: 6.013 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 219

Ion	Ratio	Lower	Upper
122	100		
105	358.9	101.1	141.1#
77	149.0	70.7	110.7#

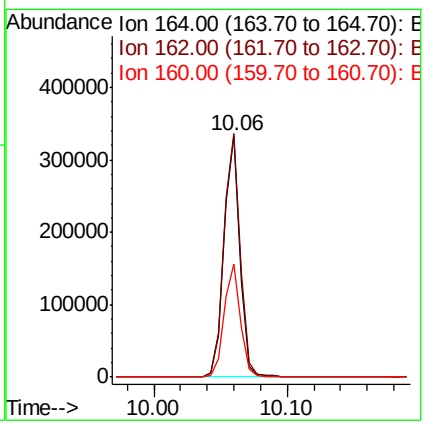


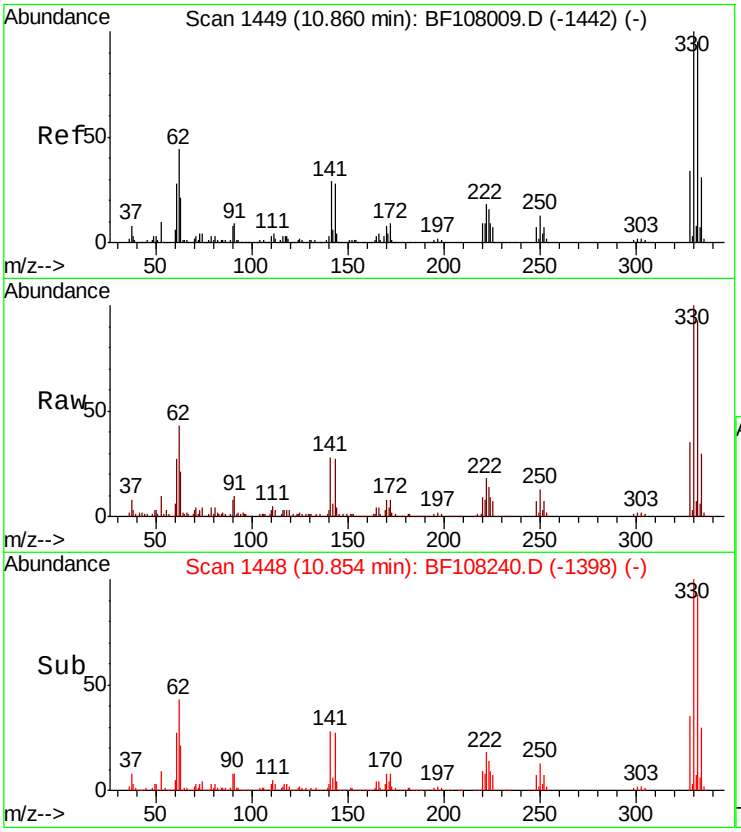


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:164 Resp: 282668

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	47.0	38.3	57.5



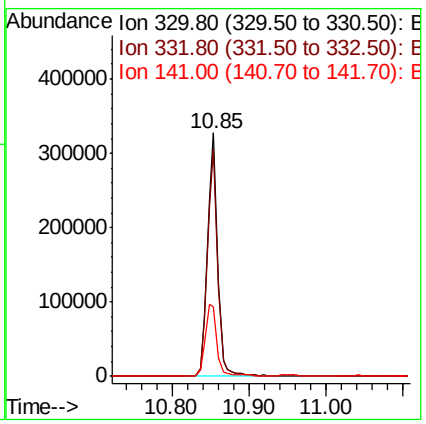


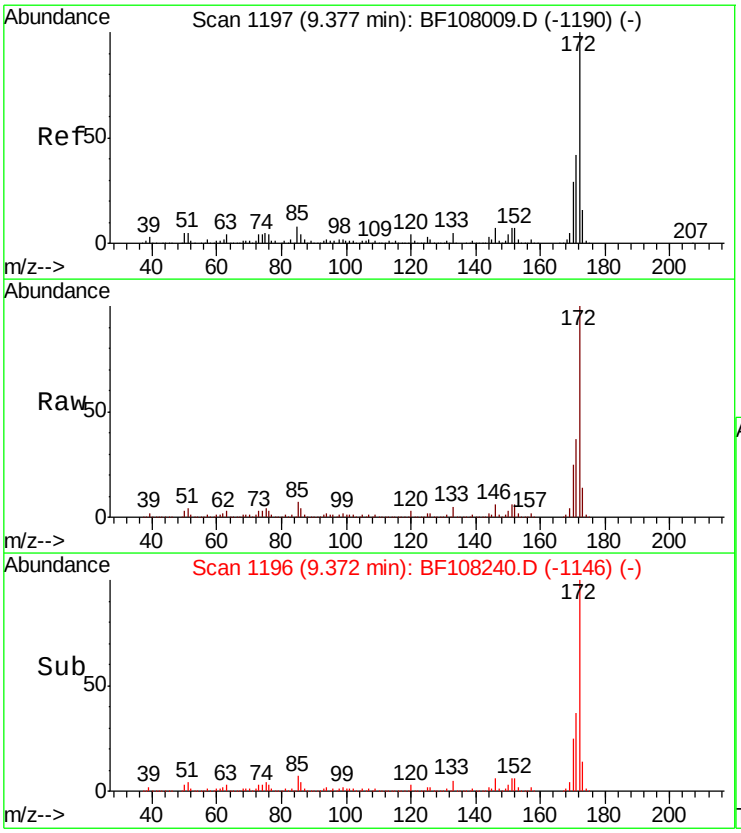
#41
2,4,6-Tribromophenol
Concen: 105.657 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 297903

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	33.5	29.9	44.9

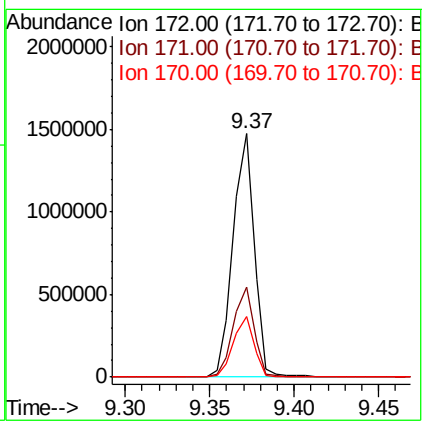


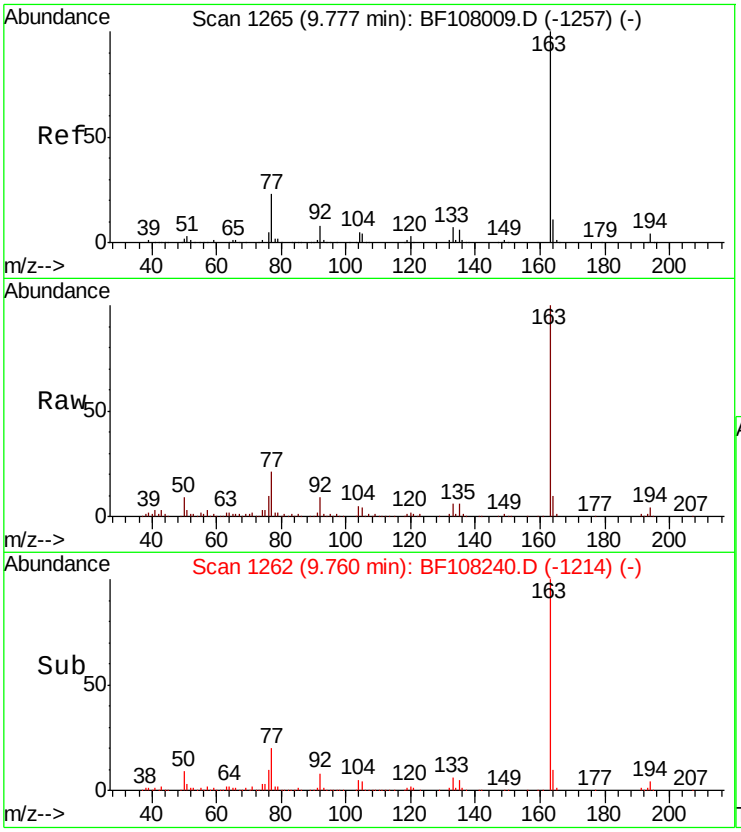


#44
2-Fluorobiphenyl
Concen: 73.477 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:172 Resp: 1293683

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	19.6	29.4



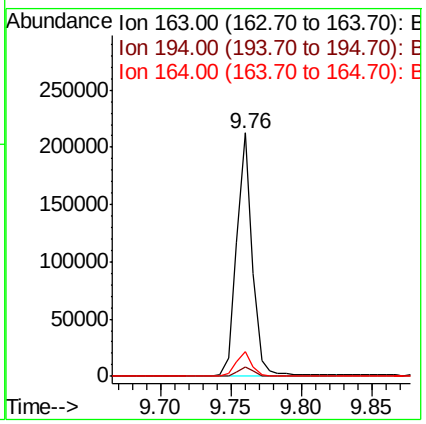


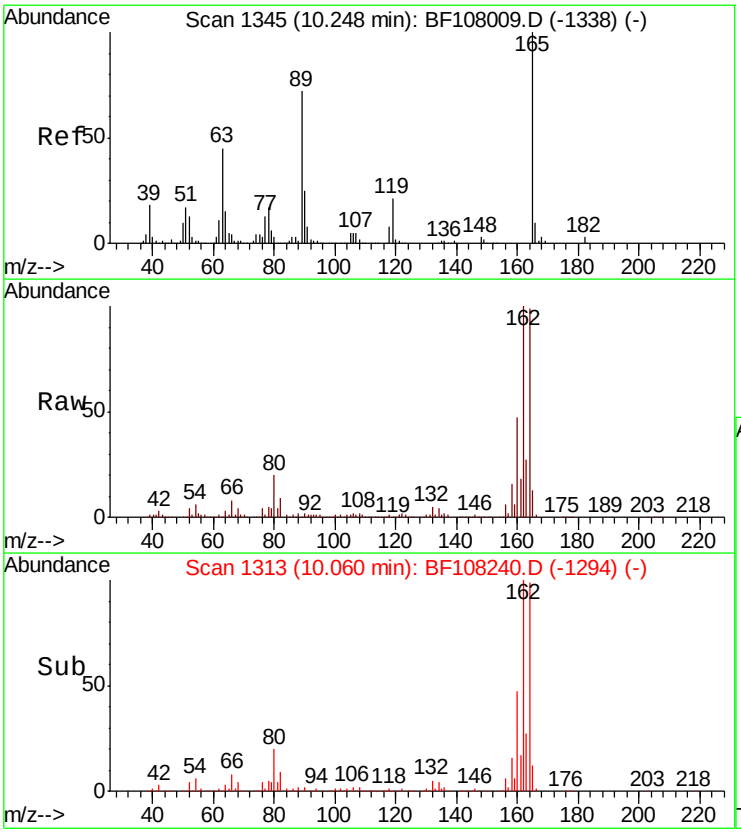
#49
Dimethylphthalate
Concen: 8.220 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 161846

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.2	8.2	12.2

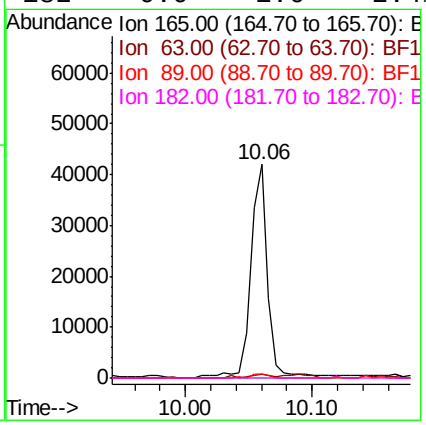


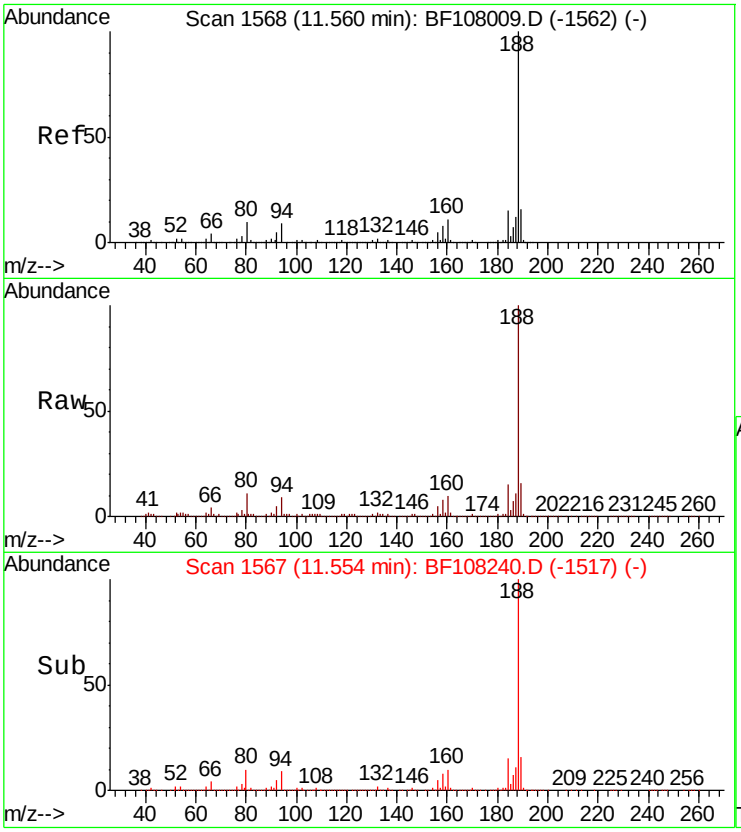


#56
2,4-Dinitrotoluene
Concen: 7.435 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:165 Resp: 39426

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



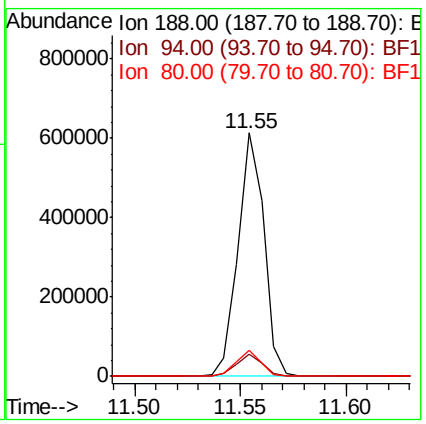


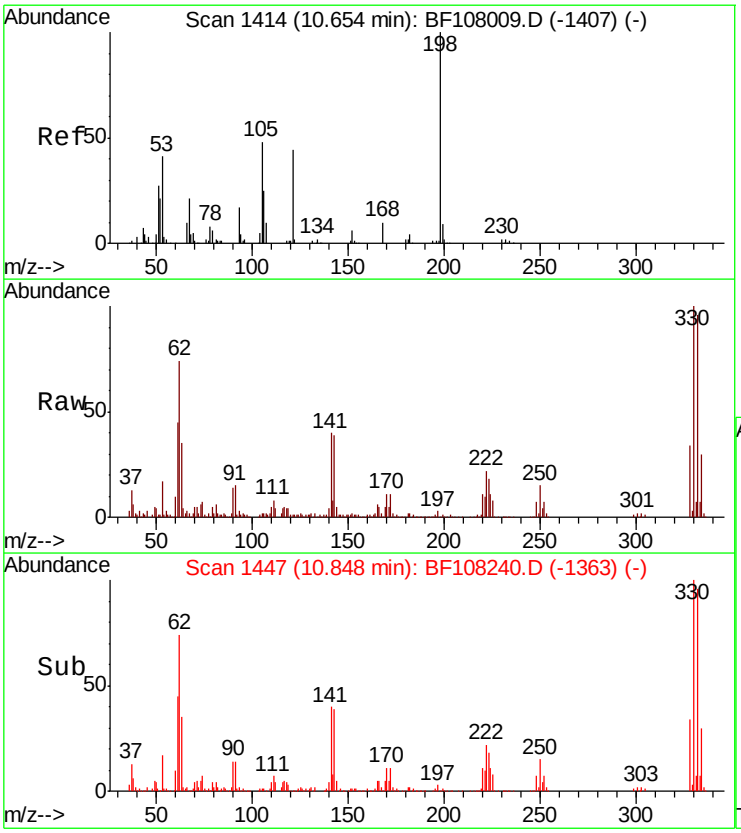
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 518920

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.5	9.2	13.8

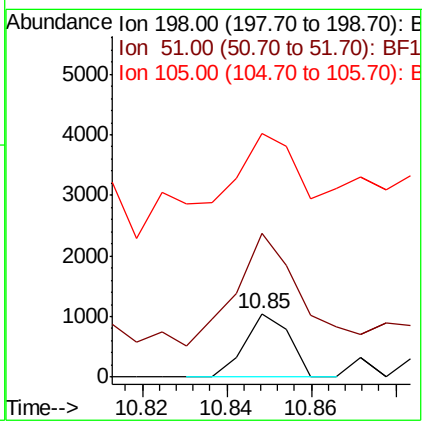


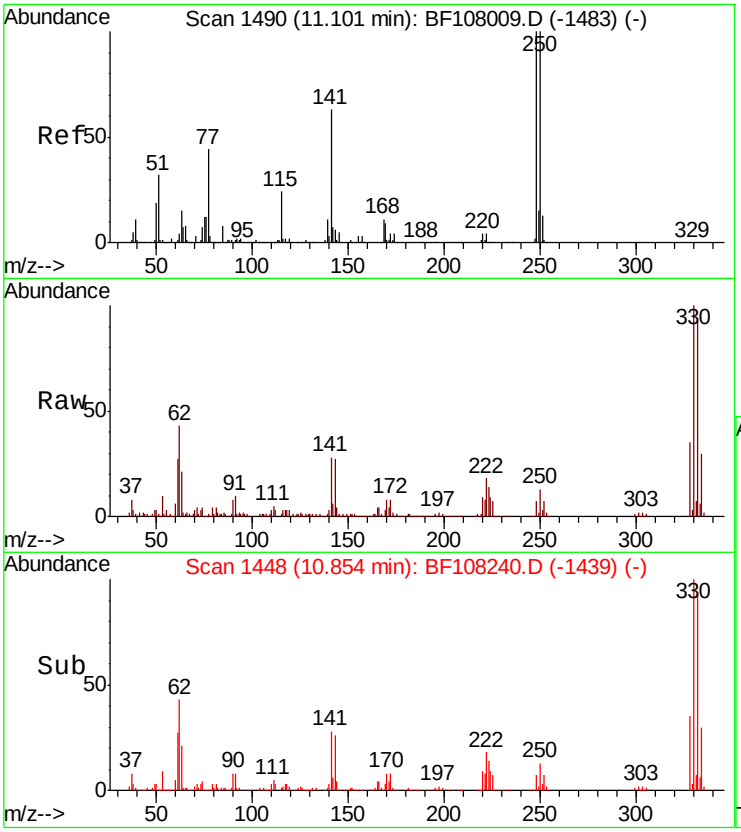


#64
4,6-Dinitro-2-methylphenol
Concen: 5.706 ng
RT: 10.85 min Scan# 1447
Delta R.T. 0.20 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:198 Resp: 762

Ion	Ratio	Lower	Upper
198	100		
51	225.8	37.7	77.7#
105	382.8	36.3	76.3#



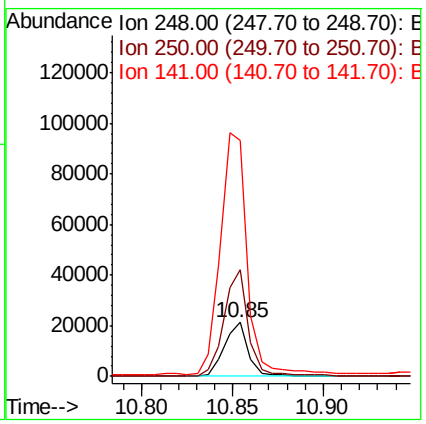


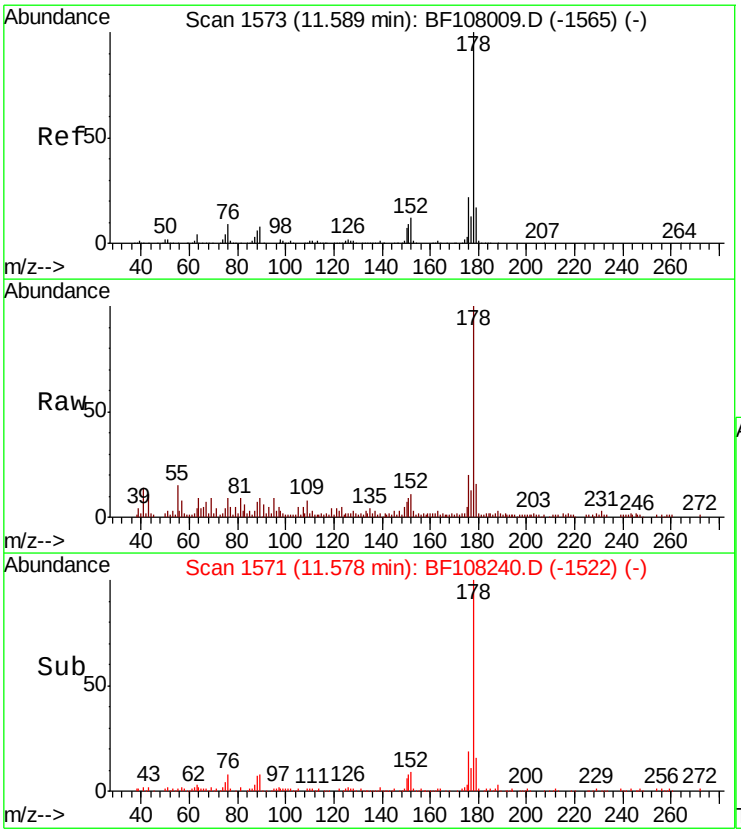
#66
4-Bromophenyl-phenylether
Concen: 3.521 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 19858

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.9	115.3#
141	436.0	74.4	111.6#

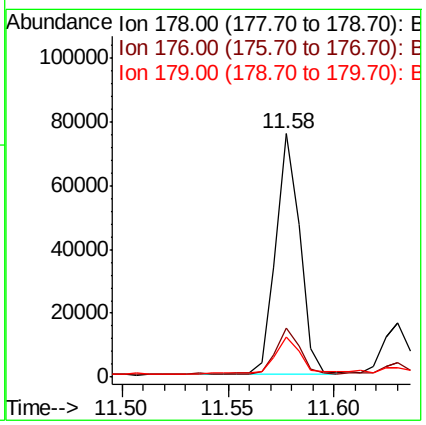


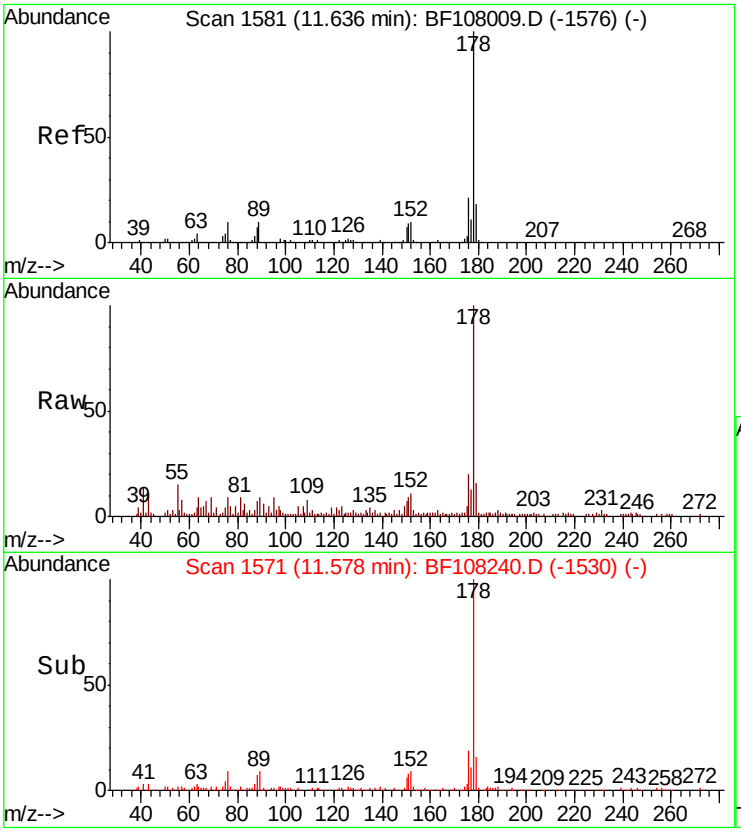


#70
Phenanthrene
Concen: 2.450 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:178 Resp: 59955

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.3	13.0	19.6



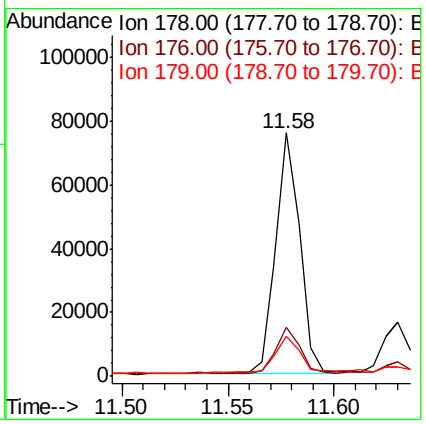


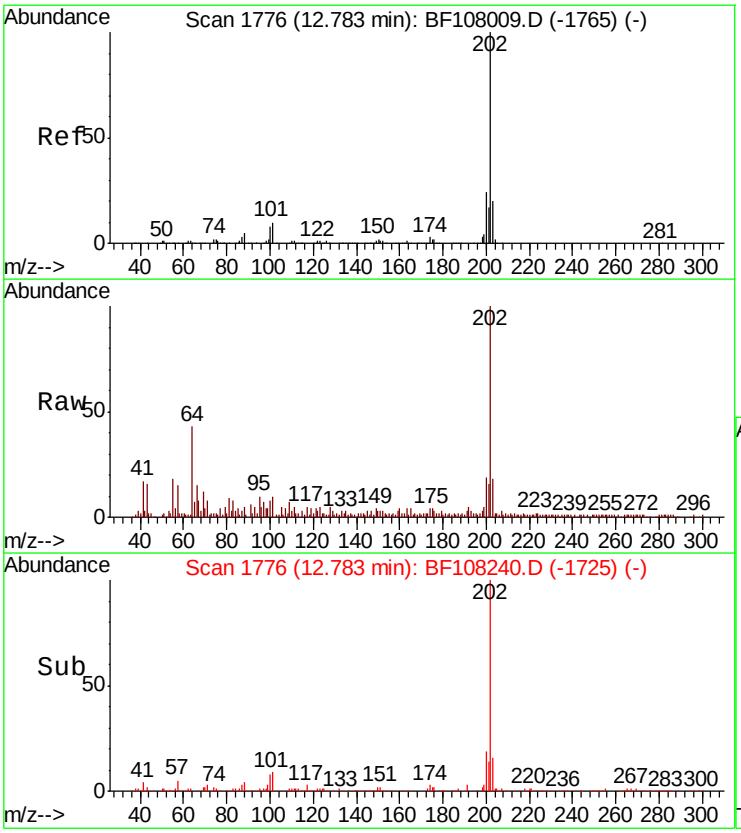
#71
Anthracene
Concen: 2.390 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.06 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 59955

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.3	12.6	19.0

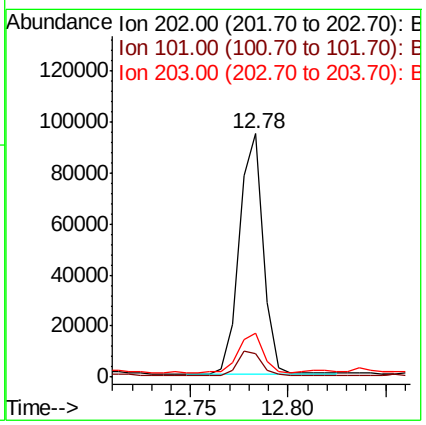


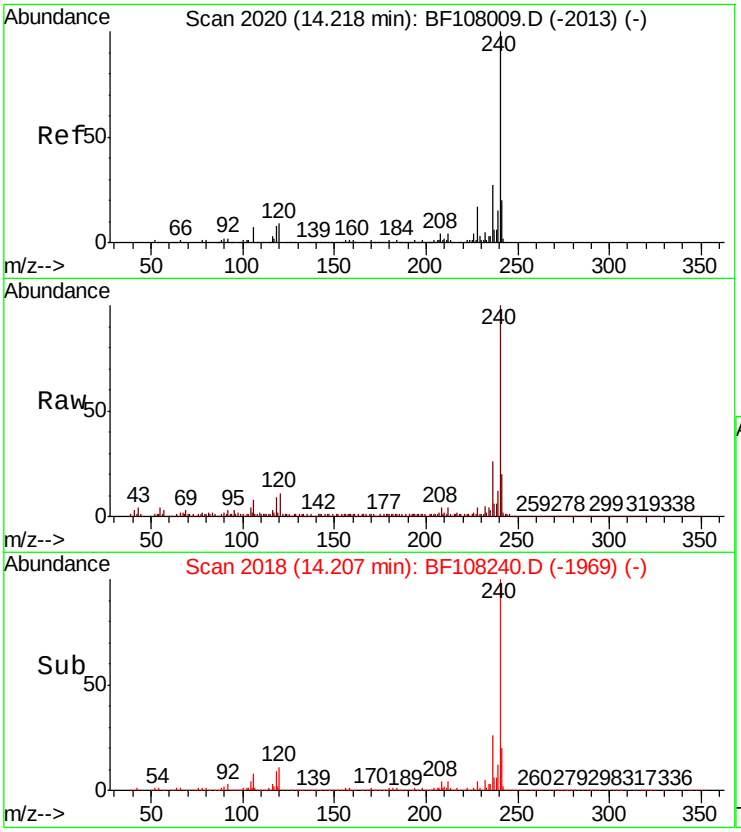


#74
Fluoranthene
Concen: 3.025 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:202 Resp: 80795

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.8	0.0	38.1



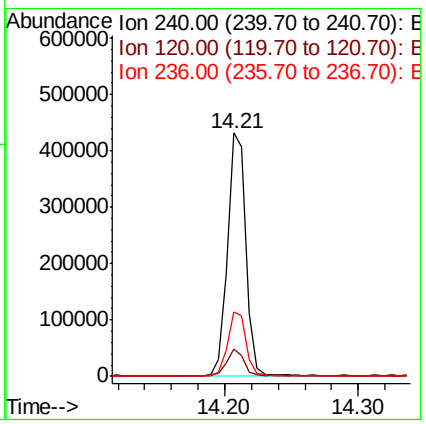


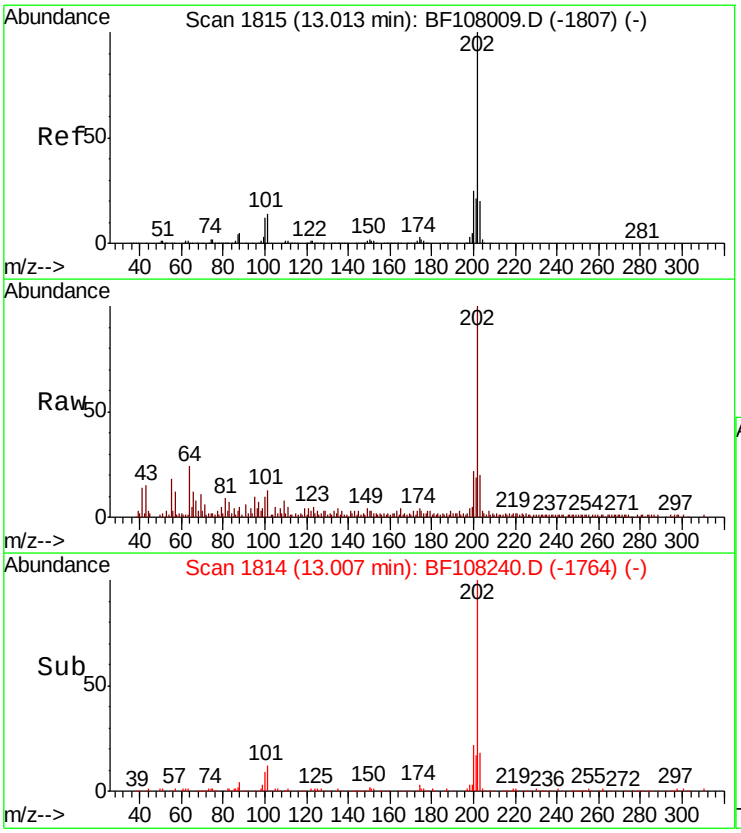
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 417495

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.4	20.7	31.1

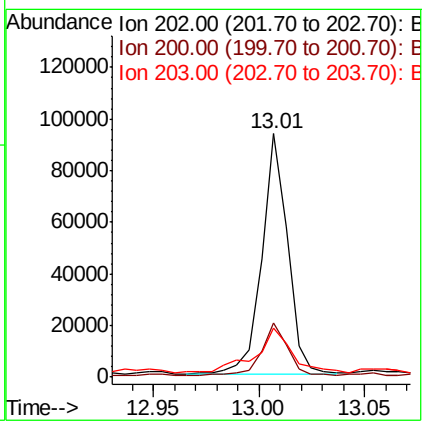


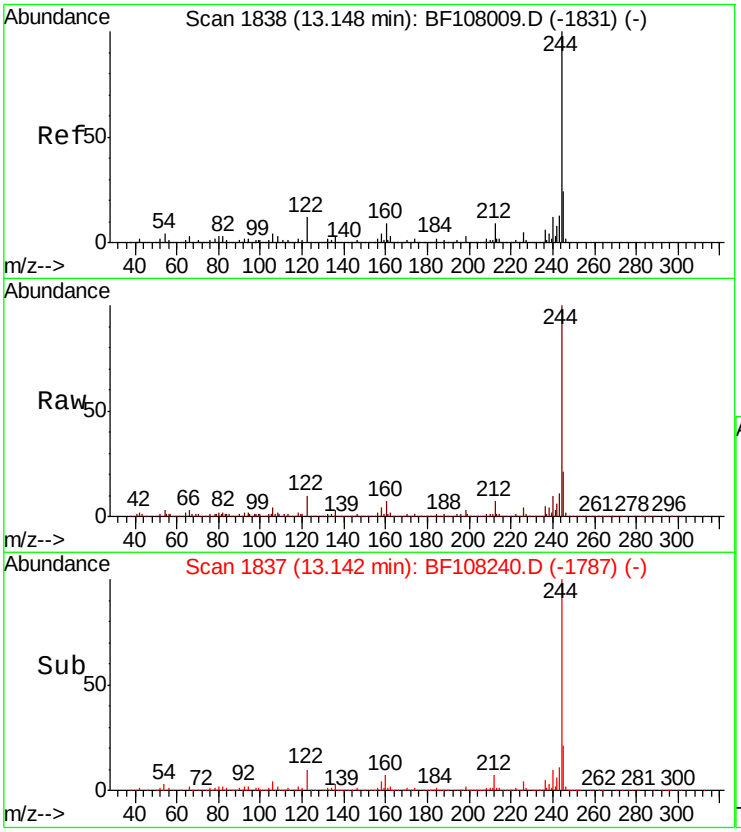


#77
Pyrene
Concen: 2.980 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:202 Resp: 78767

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	20.2	14.3	21.5



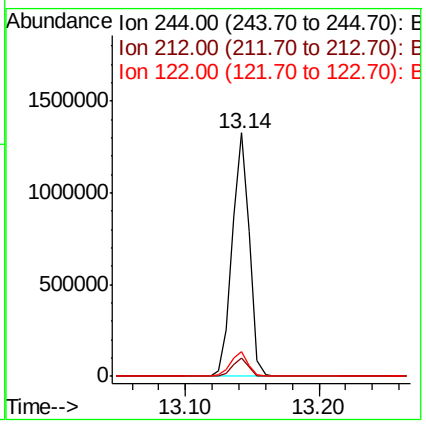


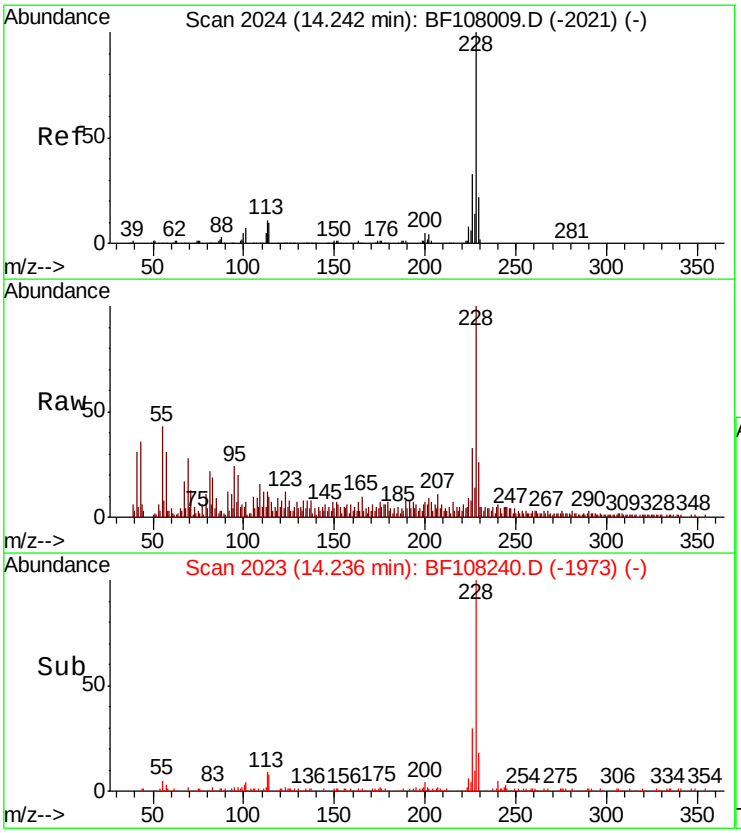
#78
Terphenyl-d14
Concen: 72.510 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1190632

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.1	11.0	16.4#

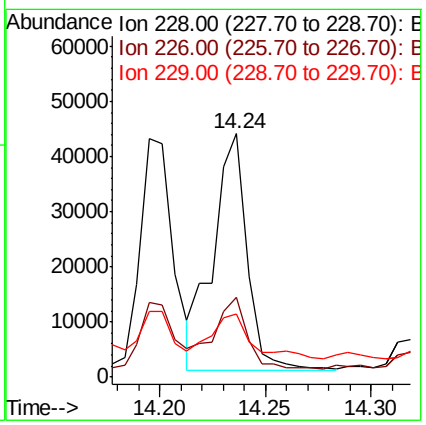


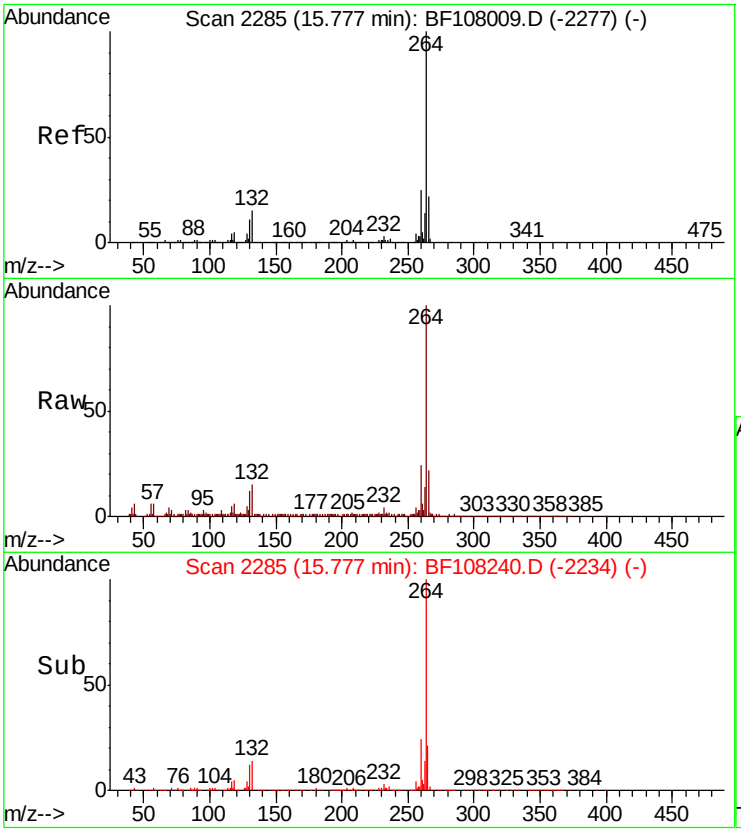


#82
Chrysene
Concen: 2.191 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:228 Resp: 48137

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	26.0	16.2	24.4#



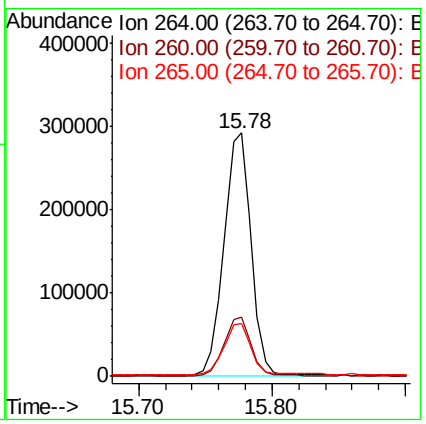


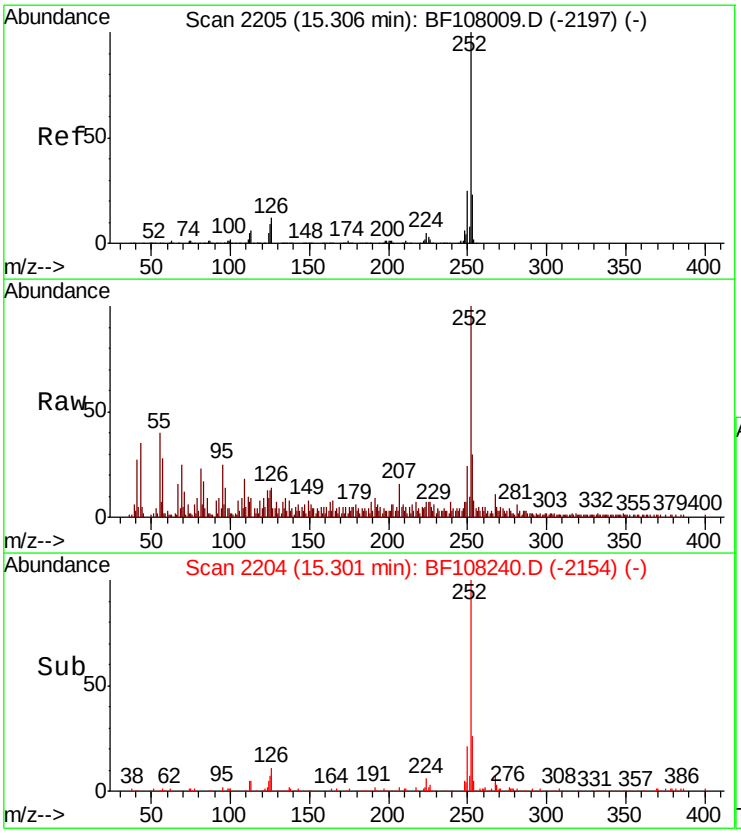
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 417629

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

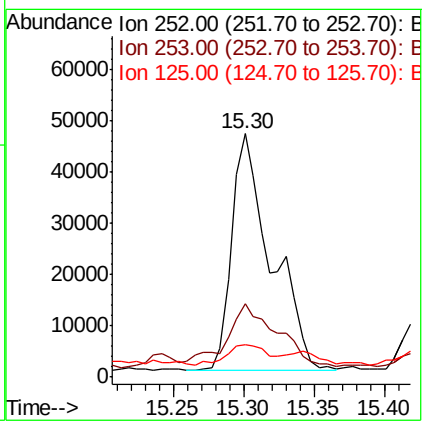


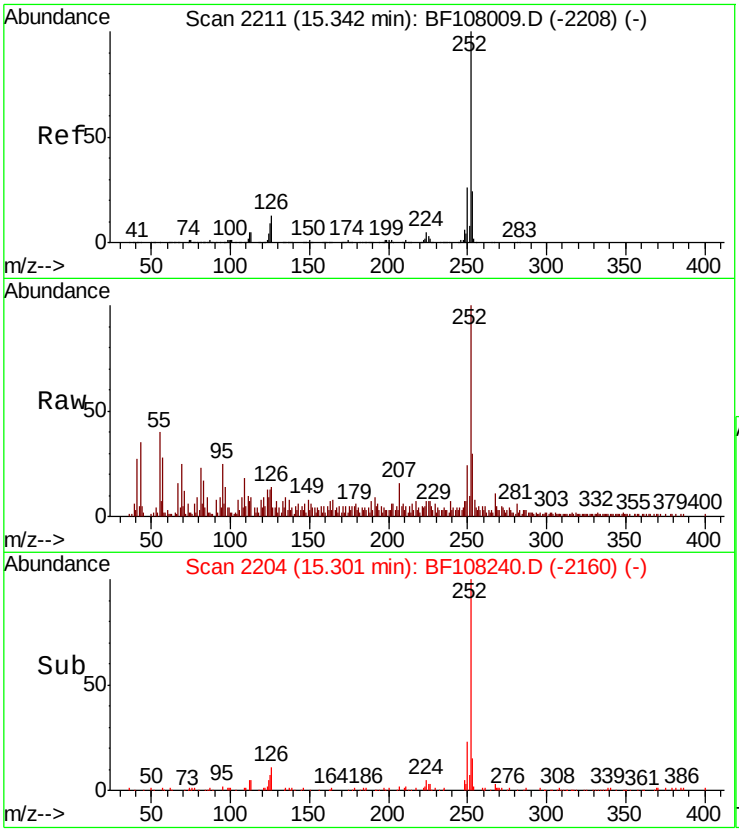


#87
Benzo(b)fluoranthene
Concen: 3.614 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:252 Resp: 90191

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.0	25.6#
125	13.3	9.0	13.6



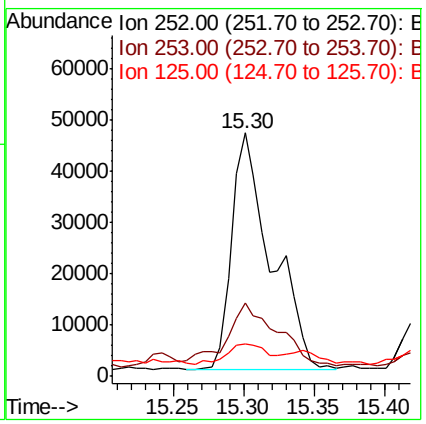


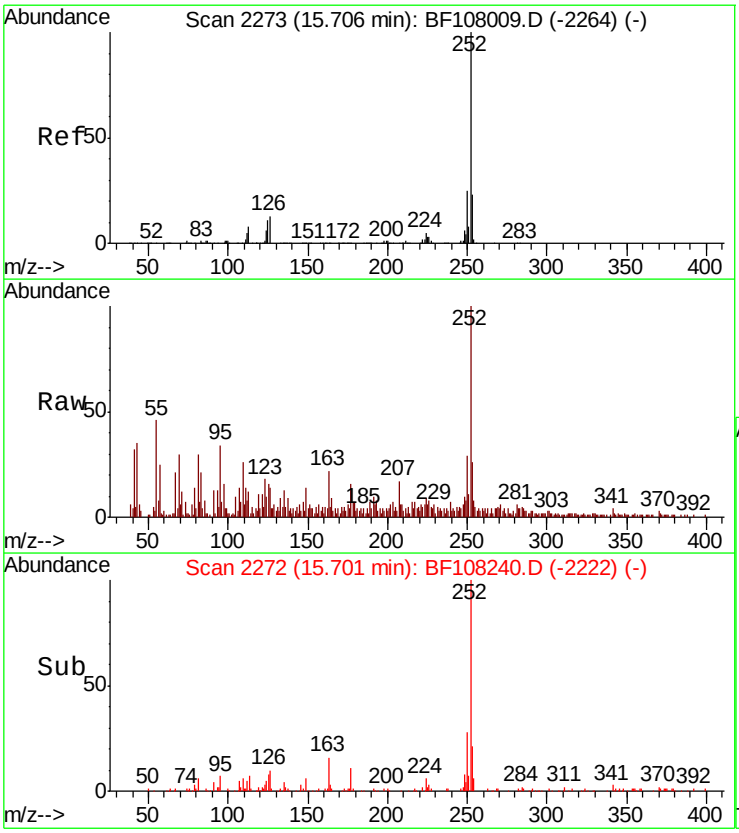
#88
Benzo(k)fluoranthene
Concen: 3.932 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 90191

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.9	26.9#
125	13.3	10.2	15.2

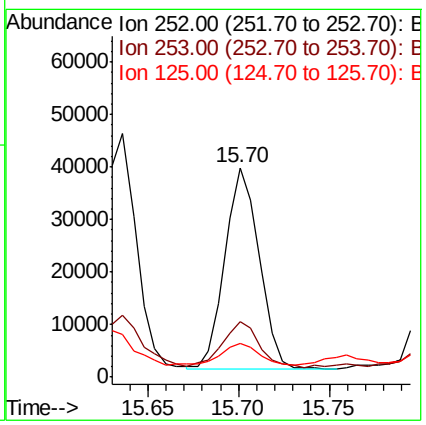


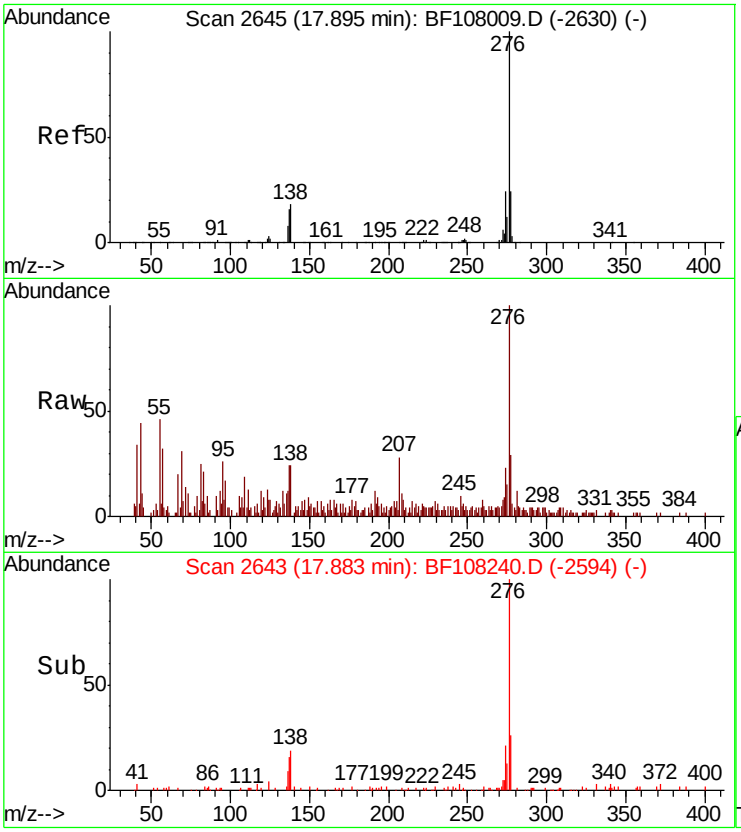


#89
Benzo(a)pyrene
Concen: 2.270 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Tgt Ion:252 Resp: 50723

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	15.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.232 ng
RT: 17.88 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BF108240.D
Acq: 17 Aug 2018 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 40636

Ion	Ratio	Lower	Upper
276	100		
277	29.0	17.9	26.9#
138	24.2	21.8	32.8