Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-1-A

Quant Time: Mar 01 21:59:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	186900	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	675669	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	268158	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	437109	20.00	ng		0.00
76) Chrysene-d12	13.87	240	438840	20.00	ng		0.00
87) Perylene-d12	15.29	264	368865	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1067732	88.87	ng		0.01
7) Phenol-d6	6.38	99	1358998	90.04	ng		0.01
23) Nitrobenzene-d5	7.30	82	797384	70.62	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	279802	98.29	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1277125	76.96	ng		0.00
79) Terphenyl-d14	12.83	244	1046632	46.23	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	106540	11.146	ng	#	77
25) Isophorone	7.30	82	791715	32.546	ng	#	66
50) Dimethylphthalate	9.49	163	90402	4.572	ng		97
51) 2,6-Dinitrotoluene	9.77	165	34039	8.267	ng	#	18
57) 2,4-Dinitrotoluene	9.77	165	34039	6.651	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.56	198	352	4.790	ng	#	1
67) 4-Bromophenyl-phenylether	10.56	248	15745	3.420	ng	#	1
71) Phenanthrene	11.27	178	72416	3.330	ng		97
75) Fluoranthene	12.46	202	130628	5.606	ng		94
78) Pyrene	12.68	202	135728	3.669	ng		98
81) Benzo(a)anthracene	13.86	228	79863	2.626	ng		99
83) Chrysene	13.90	228	72588	2.436	ng		96
88) Benzo(b)fluoranthene	14.89	252	106485	4.463	ng		98
89) Benzo(k)fluoranthene	14.89	252	106485	4.927	ng		98
90) Benzo(a)pyrene	15.22	252	54664	2.590	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112808.D
Acq On : 1 Mar 2019 19:05
Operator : JU/SJ
Sample : K1675-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Quant Time: Mar 01 21:59:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
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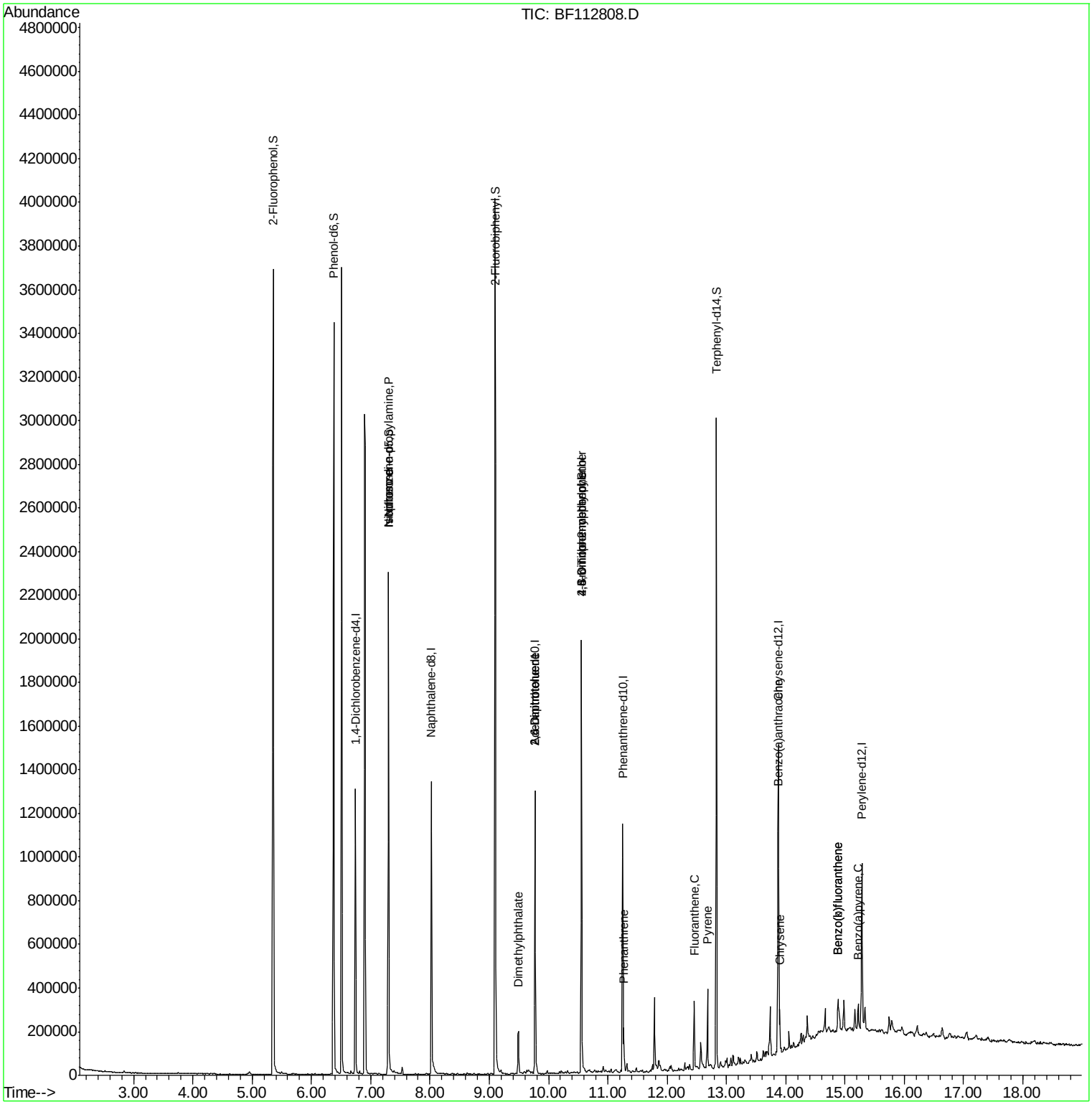
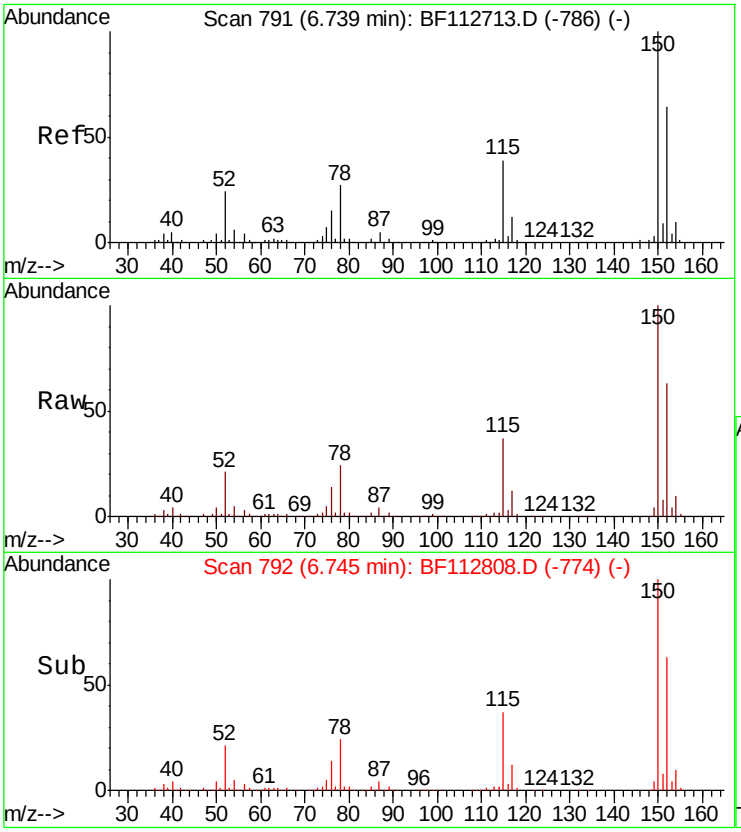


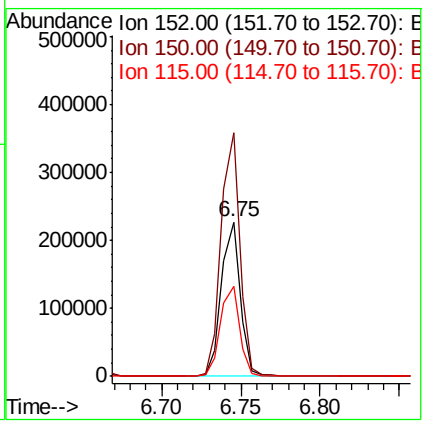


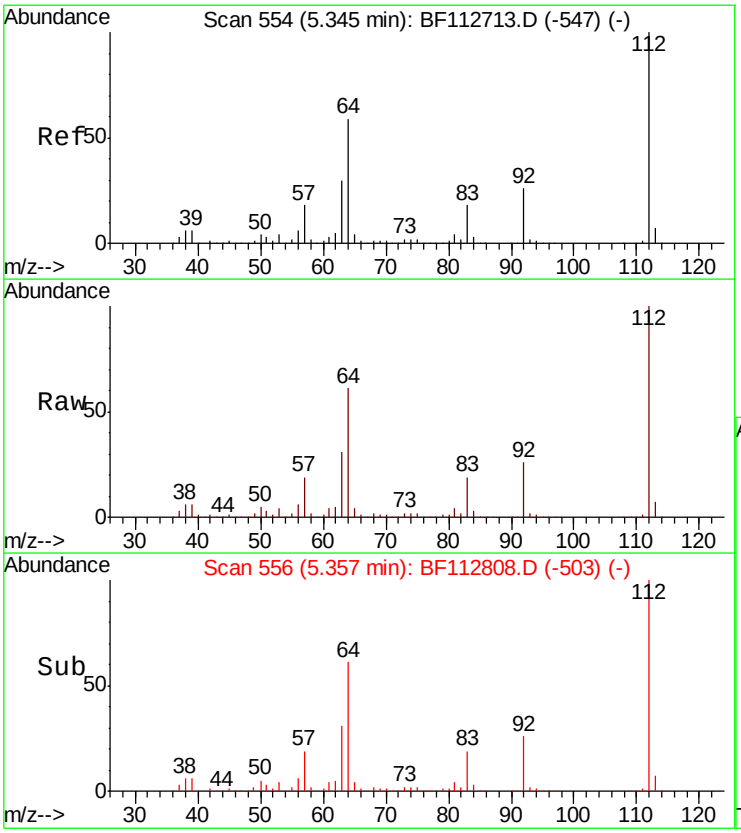
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:152 Resp: 186900

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.2	186.2
115	58.8	48.2	72.4

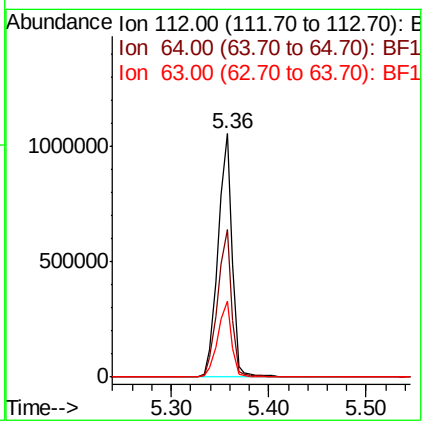


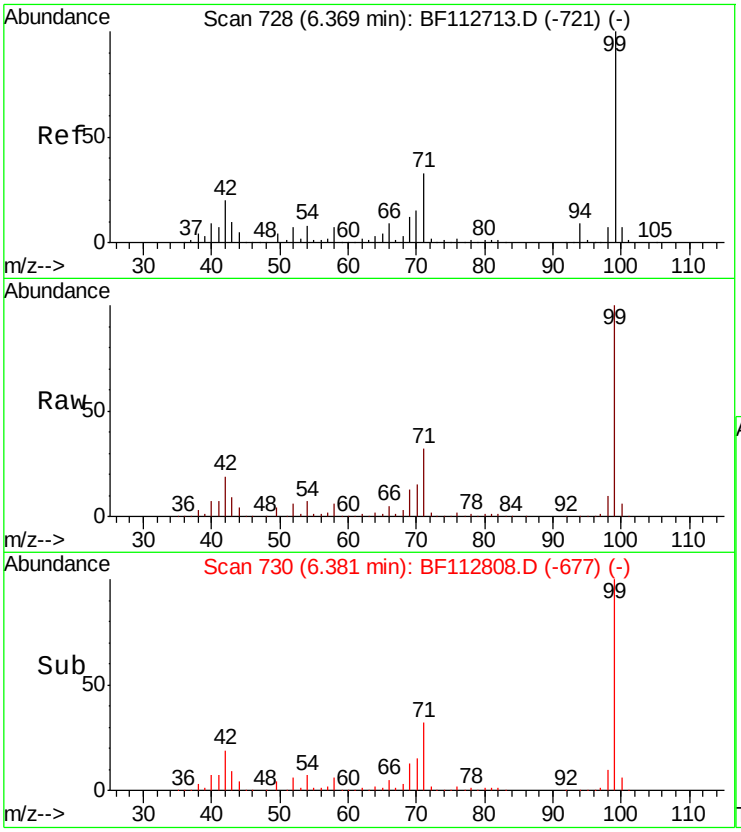


#5
2-Fluorophenol
Concen: 88.866 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:112 Resp: 1067732

Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.6	71.4
63	31.0	24.4	36.6



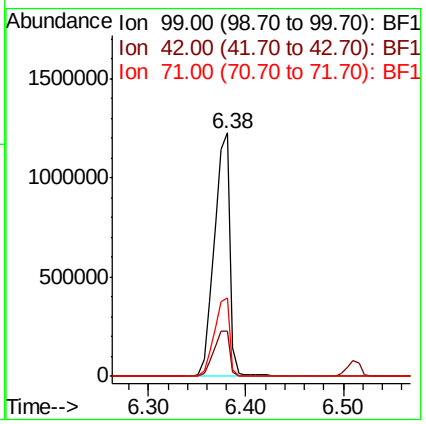


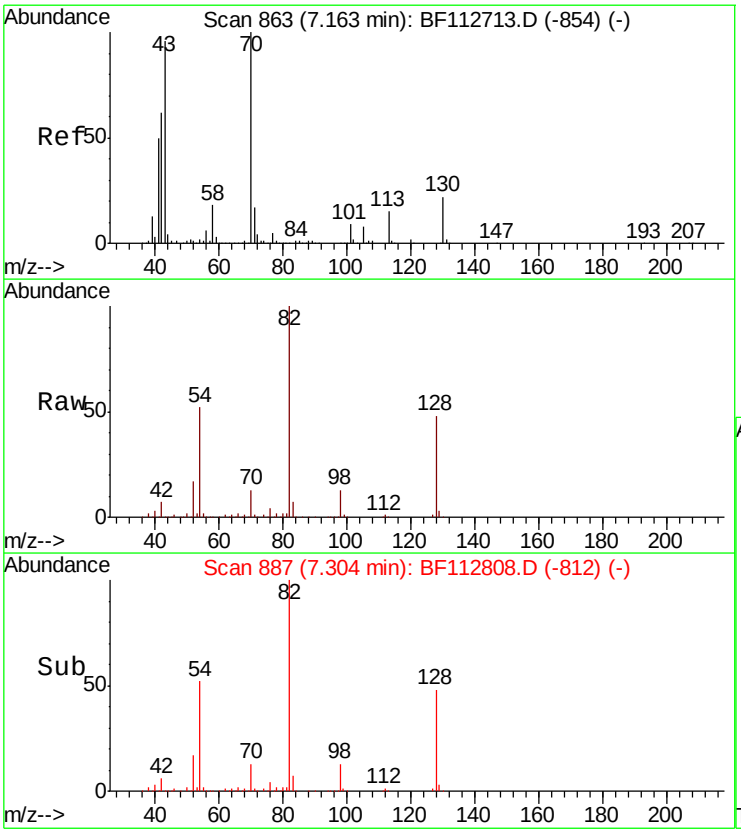
#7
Phenol-d6
Concen: 90.042 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion: 99 Resp: 1358998

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	32.4	26.2	39.4

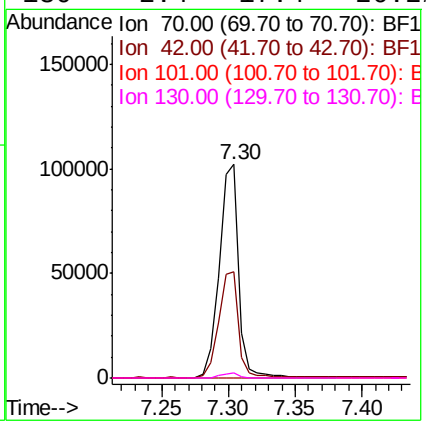


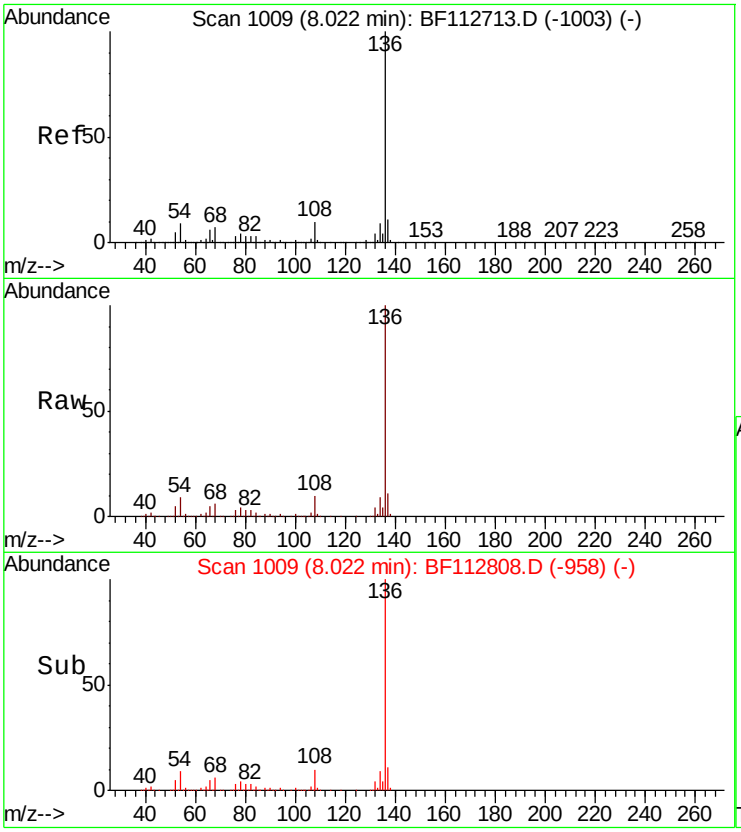


#19
n-Nitroso-di-n-propylamine
Concen: 11.146 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion: 70 Resp: 106540

Ion	Ratio	Lower	Upper
70	100		
42	49.5	49.9	74.9#
101	0.0	7.4	11.2#
130	2.4	17.4	26.2#



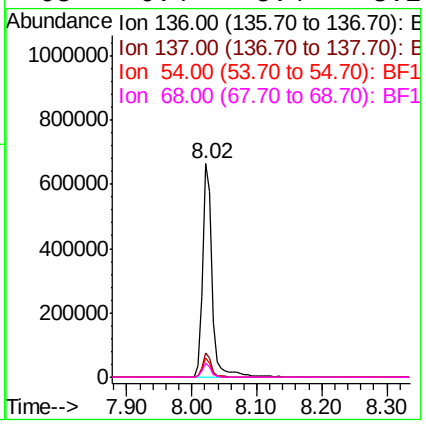


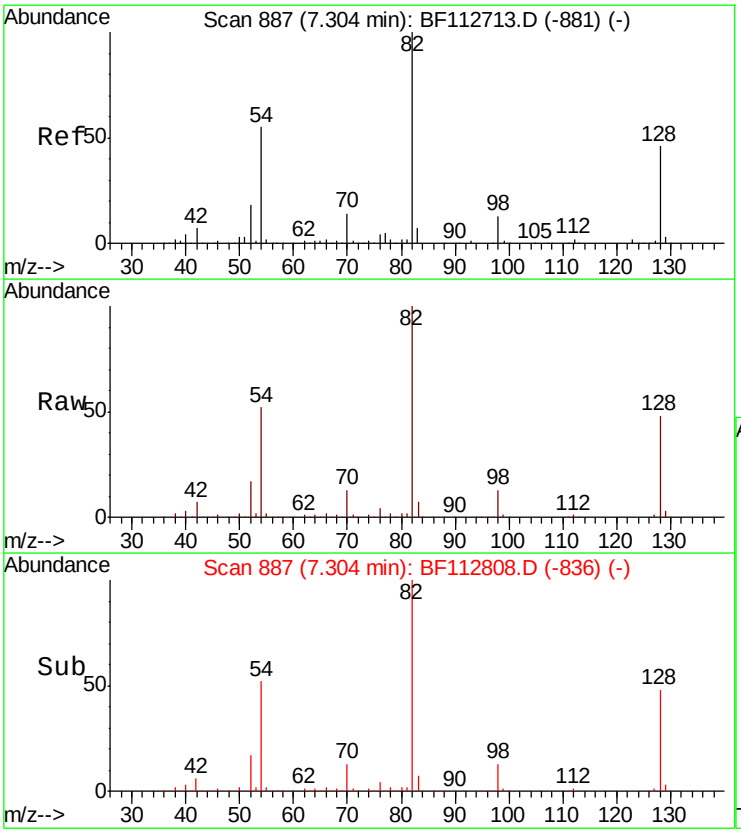
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:136 Resp: 675669

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	7.3	10.9
68	6.4	5.4	8.2

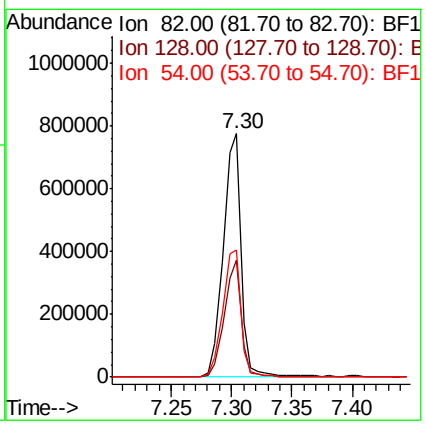


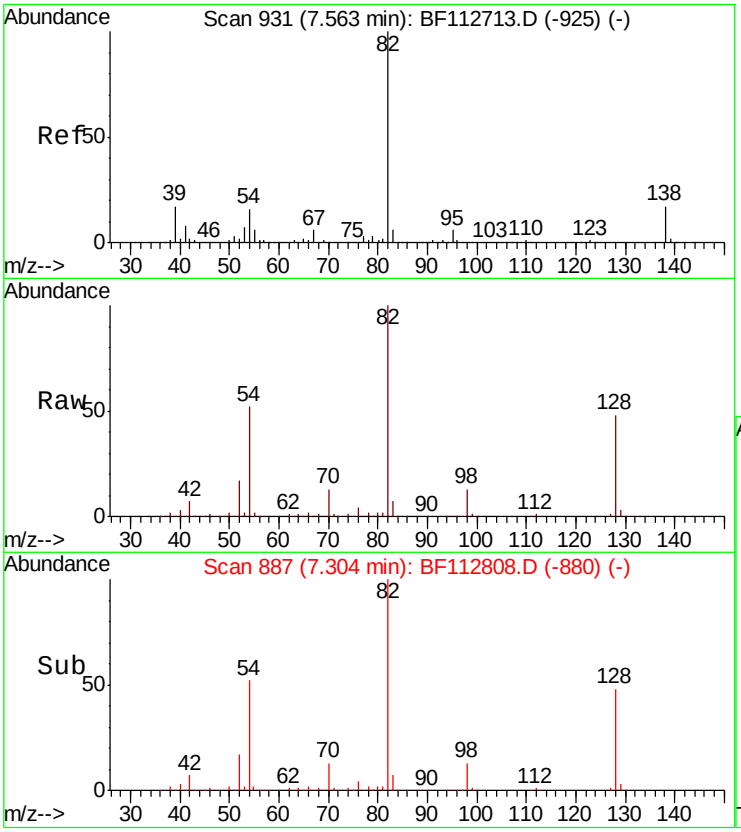


#23
Nitrobenzene-d5
Concen: 70.617 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion: 82 Resp: 797384

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.3	54.5
54	52.3	43.7	65.5



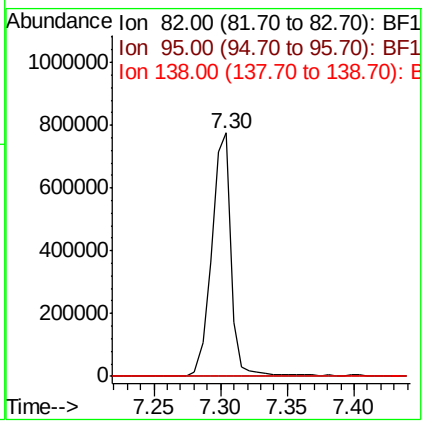


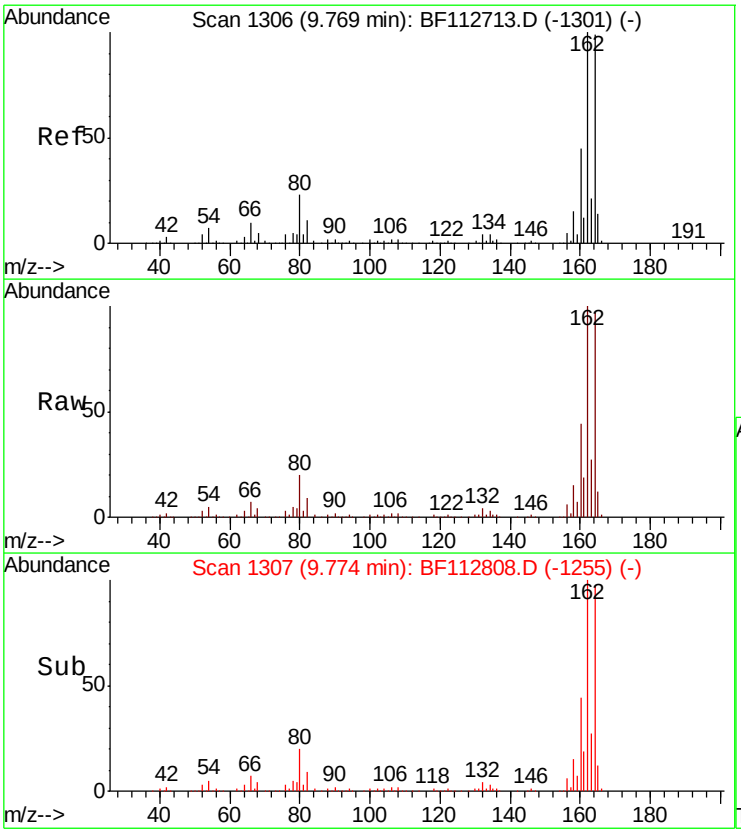
#25
Isophorone
Concen: 32.546 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion: 82 Resp: 791715

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

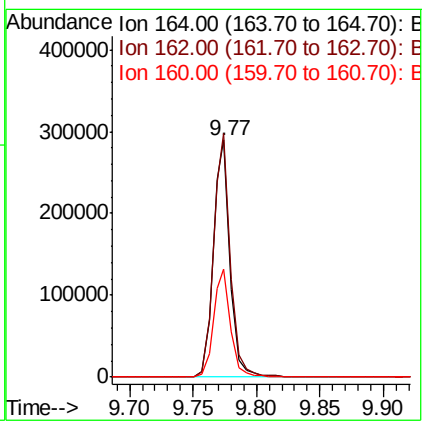


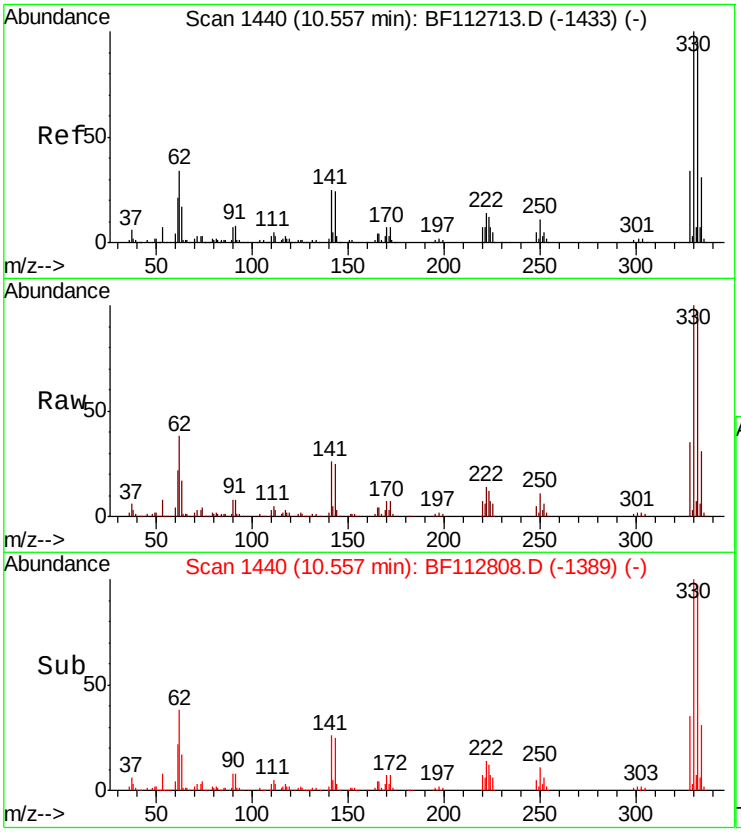


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:164 Resp: 268158

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	45.4	36.0	54.0



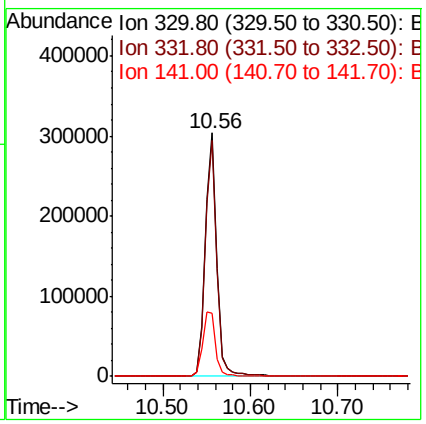


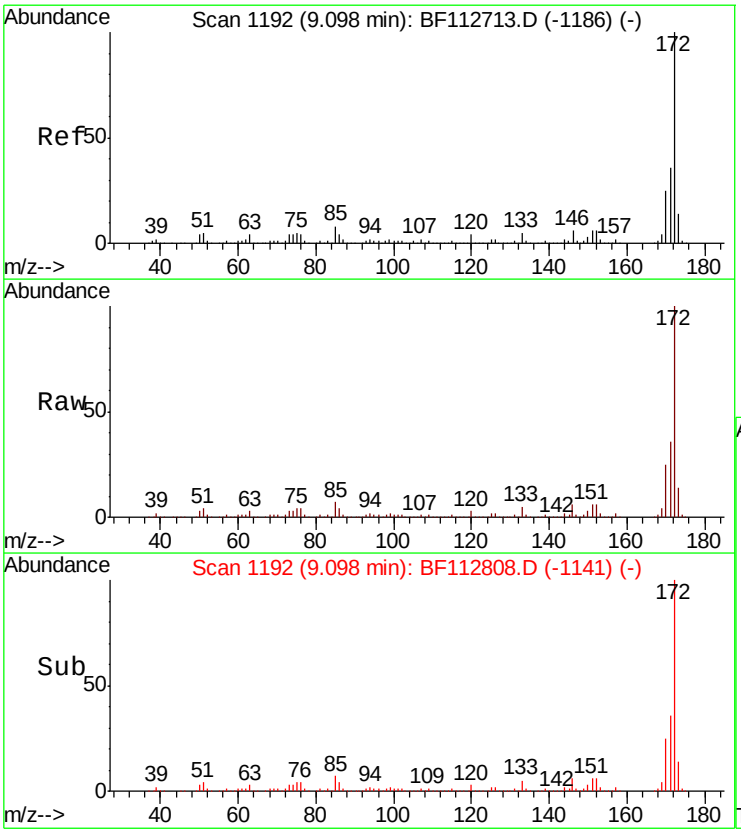
#42
2,4,6-Tribromophenol
Concen: 98.285 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:330 Resp: 279802

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	29.6	27.0	40.6

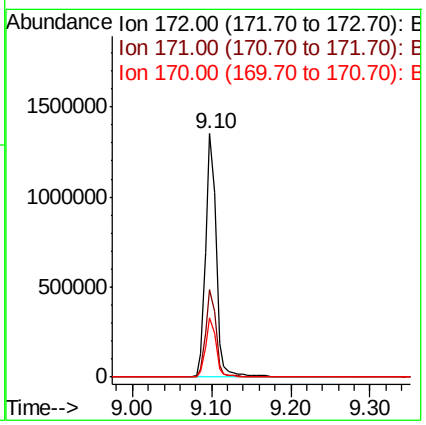


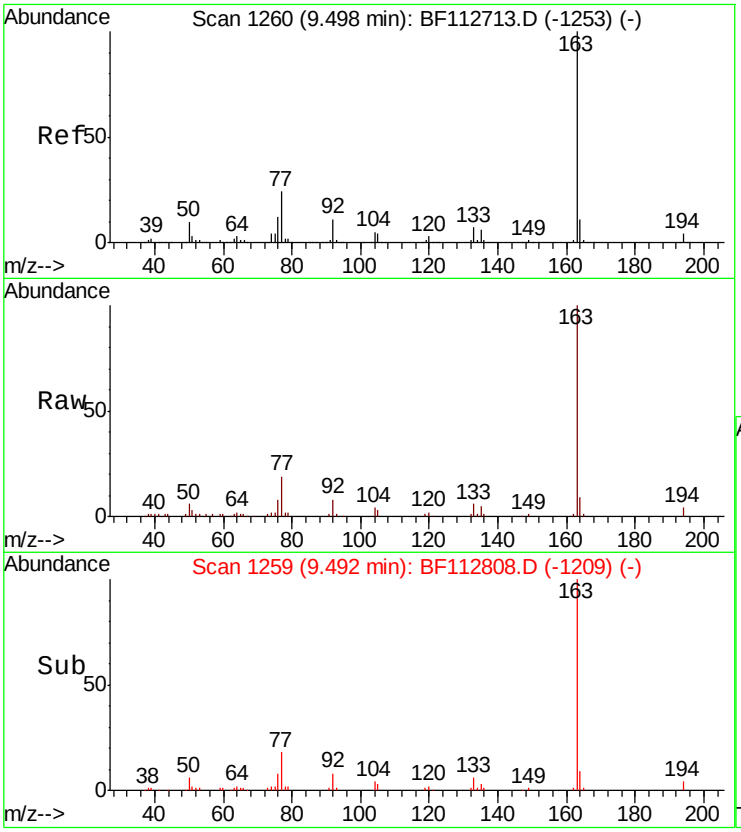


#45
2-Fluorobiphenyl
Concen: 76.961 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:172 Resp: 1277125

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.6	20.0	30.0



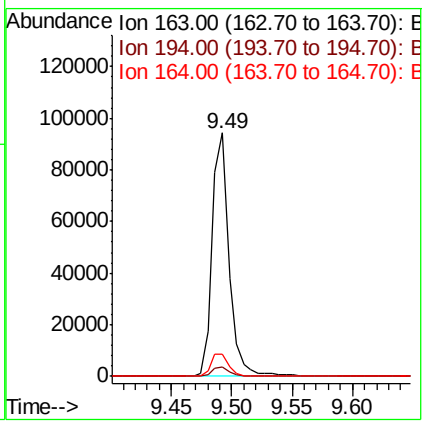


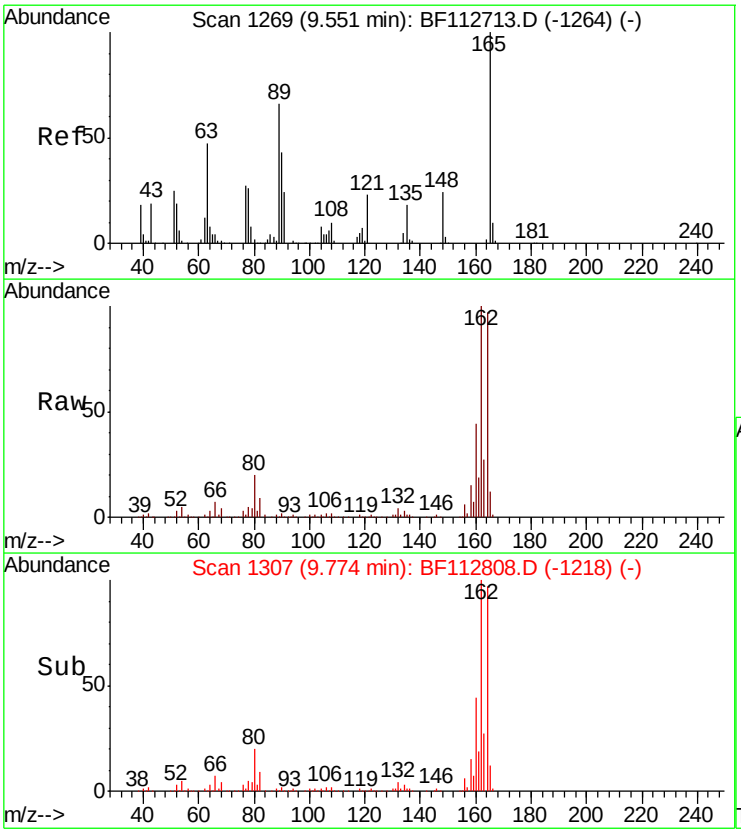
#50
Dimethylphthalate
Concen: 4.572 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:163 Resp: 90402

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.2	8.4	12.6

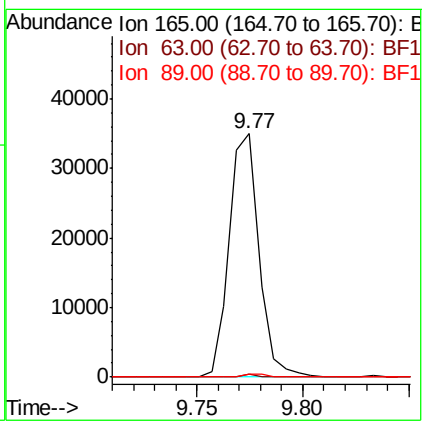


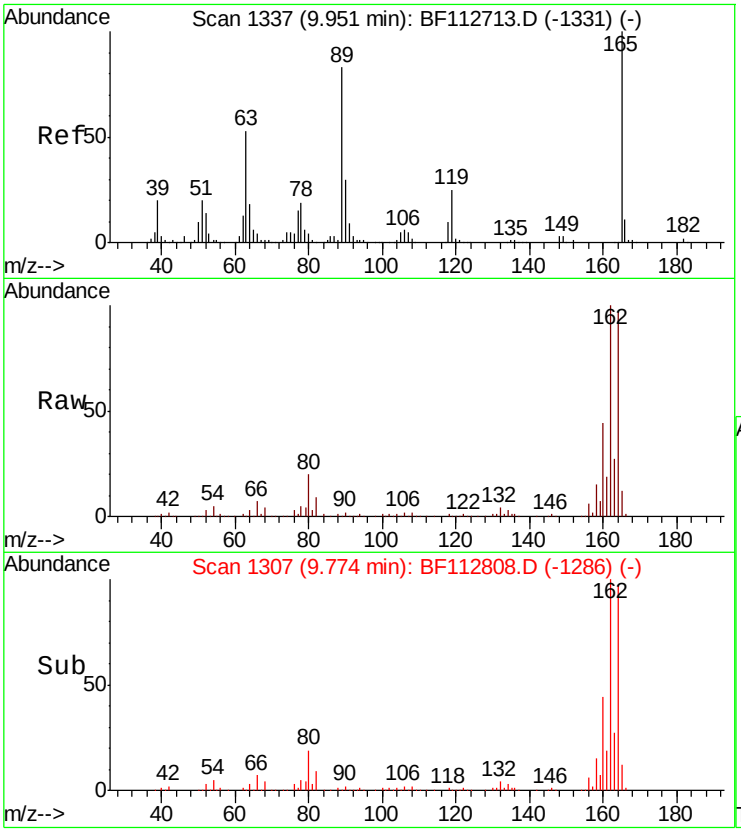


#51
2,6-Dinitrotoluene
Concen: 8.267 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:165 Resp: 34039

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.4	52.8	79.2#



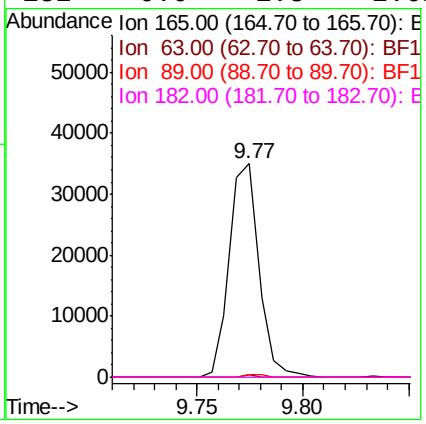


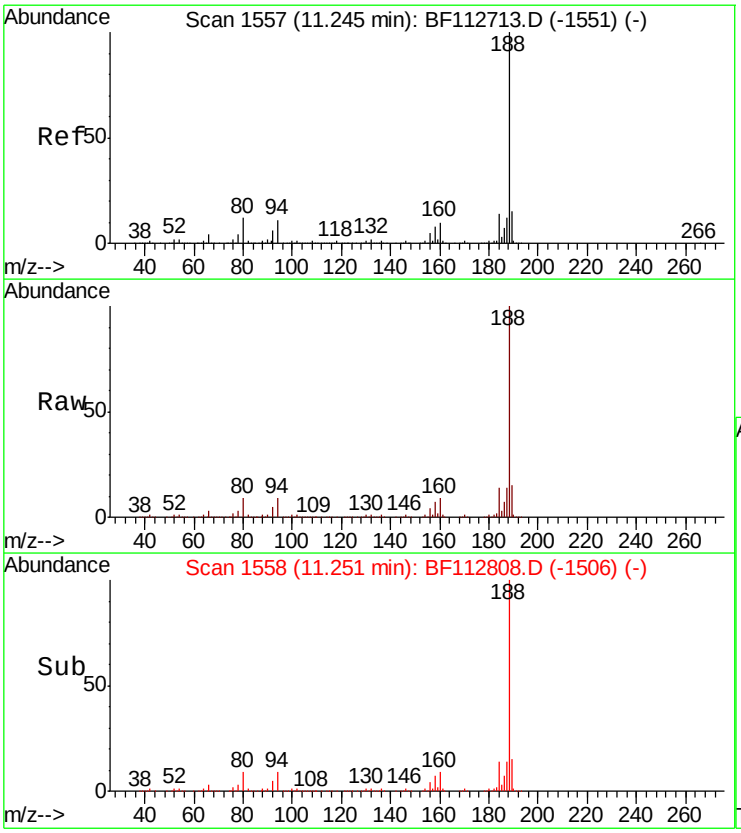
#57
2,4-Dinitrotoluene
Concen: 6.651 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:165 Resp: 34039

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

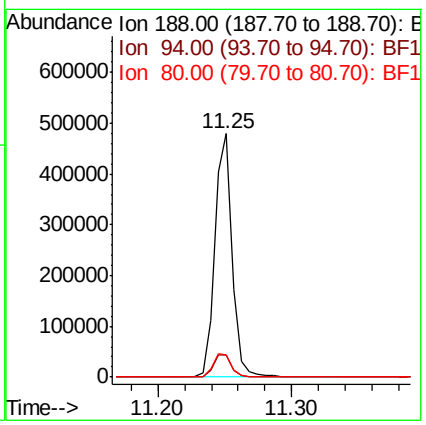


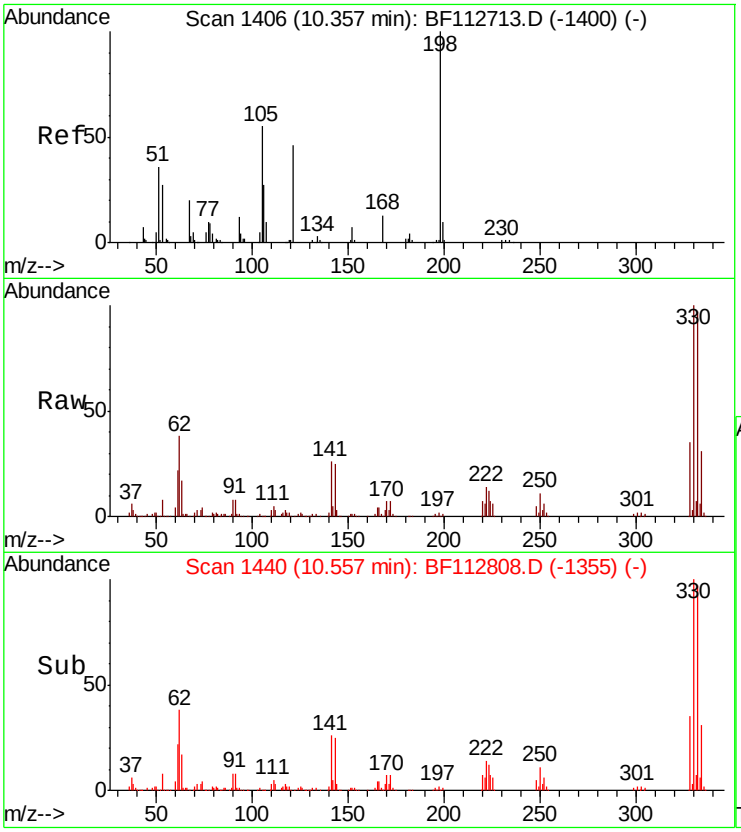


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:188 Resp: 437109

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.1	9.2	13.8#



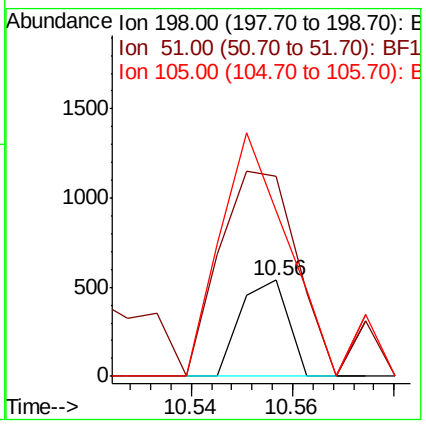


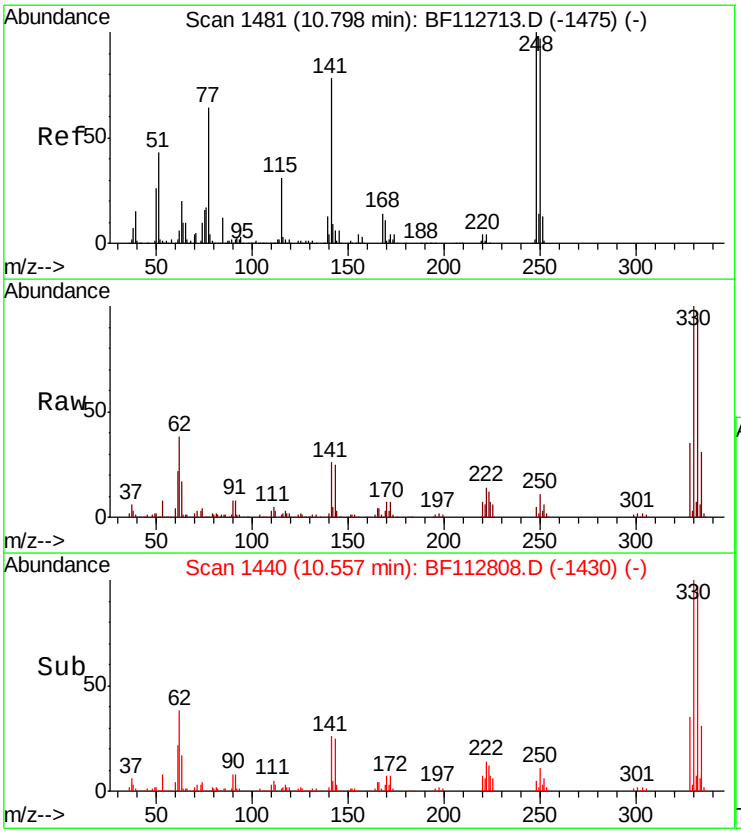
#65
4,6-Dinitro-2-methylphenol
Concen: 4.790 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:198 Resp: 352

Ion	Ratio	Lower	Upper
198	100		
51	208.3	43.8	83.8#
105	172.9	36.5	76.5#

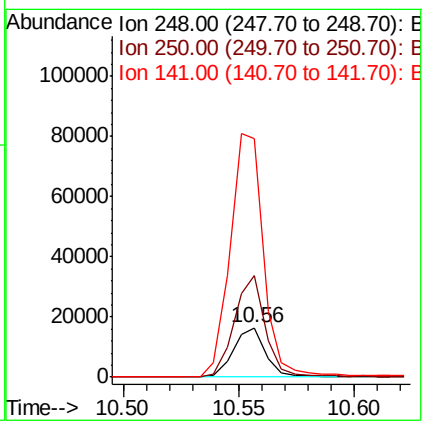


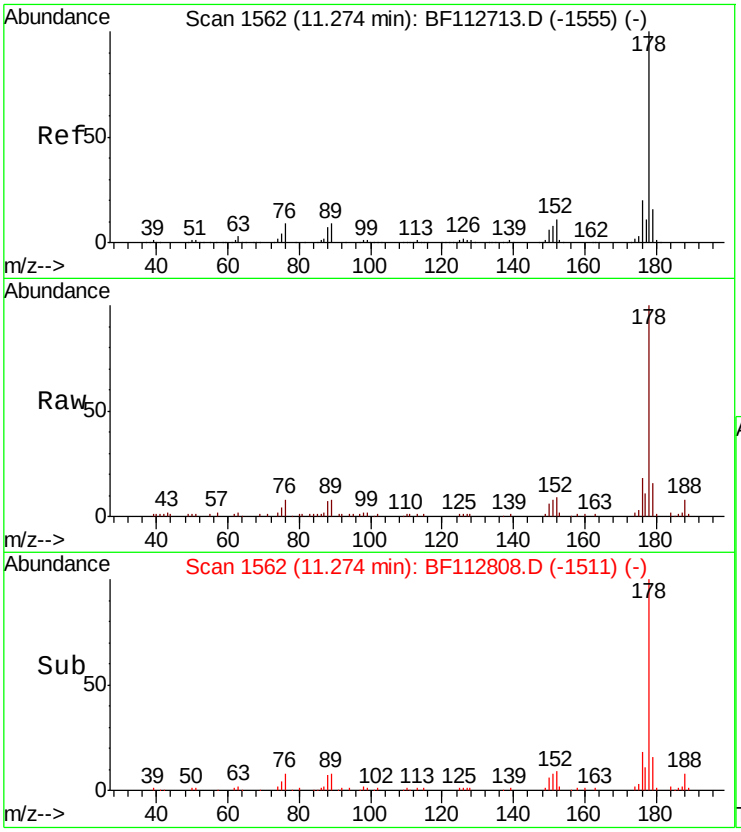


#67
4-Bromophenyl-phenylether
Concen: 3.420 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:248 Resp: 15745

Ion	Ratio	Lower	Upper
248	100		
250	205.5	77.5	116.3#
141	483.9	62.4	93.6#



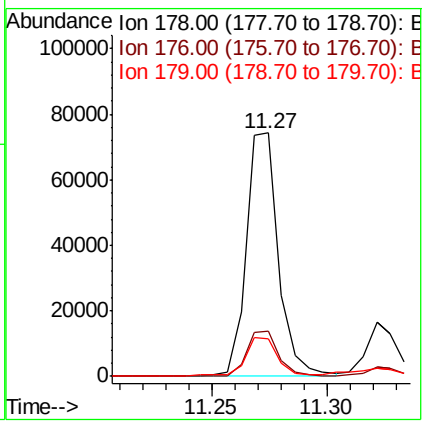


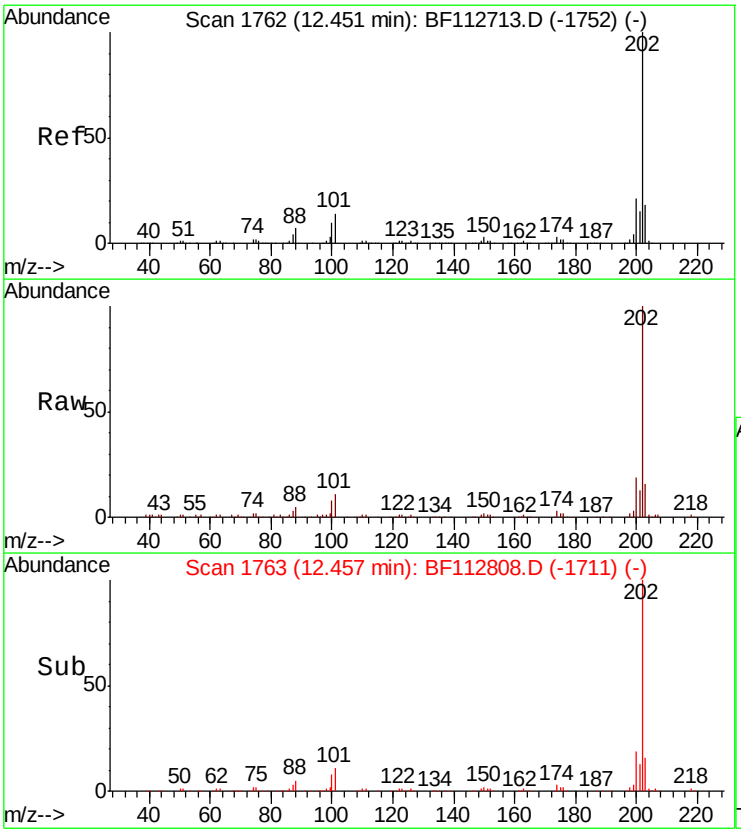
#71
Phenanthrene
Concen: 3.330 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:178 Resp: 72416

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.3	24.5
179	15.6	12.7	19.1

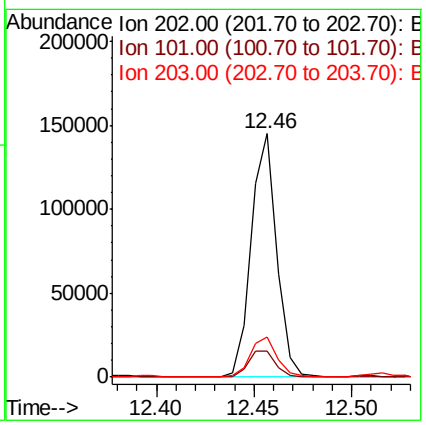


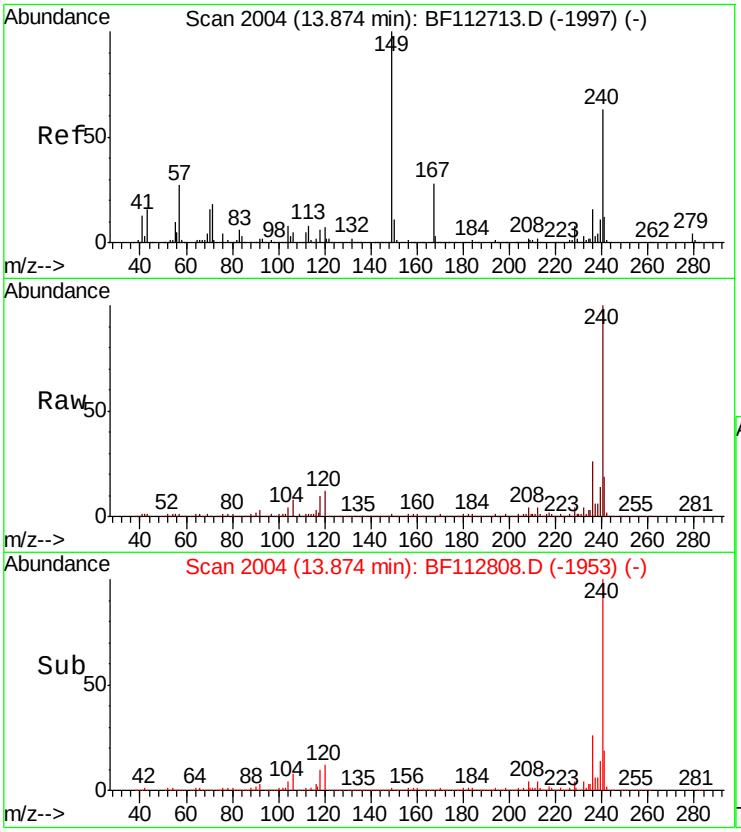


#75
Fluoranthene
Concen: 5.606 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:202 Resp: 130628

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.8
203	16.3	0.0	38.4



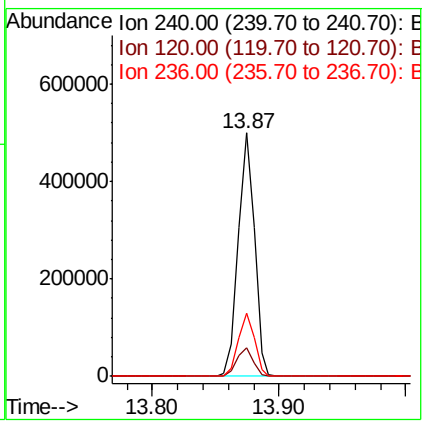


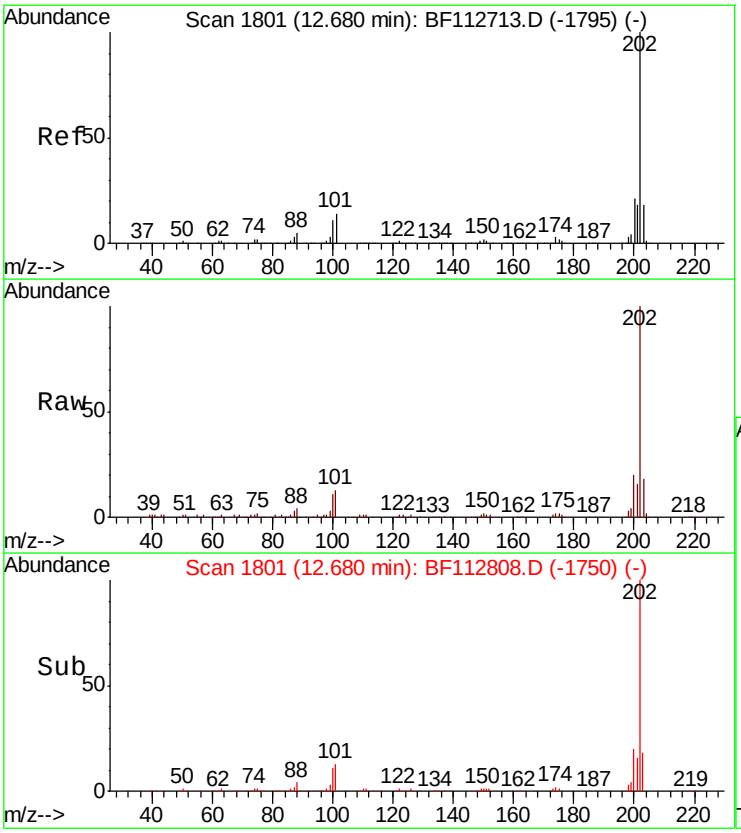
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:240 Resp: 438840

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	26.0	20.7	31.1

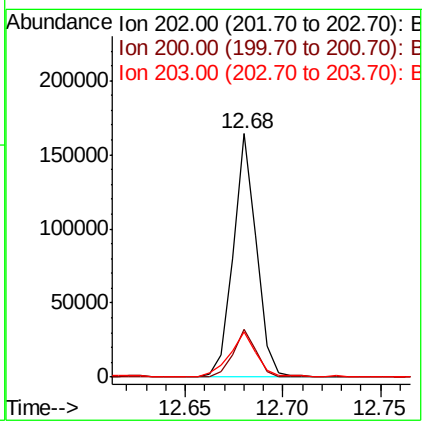


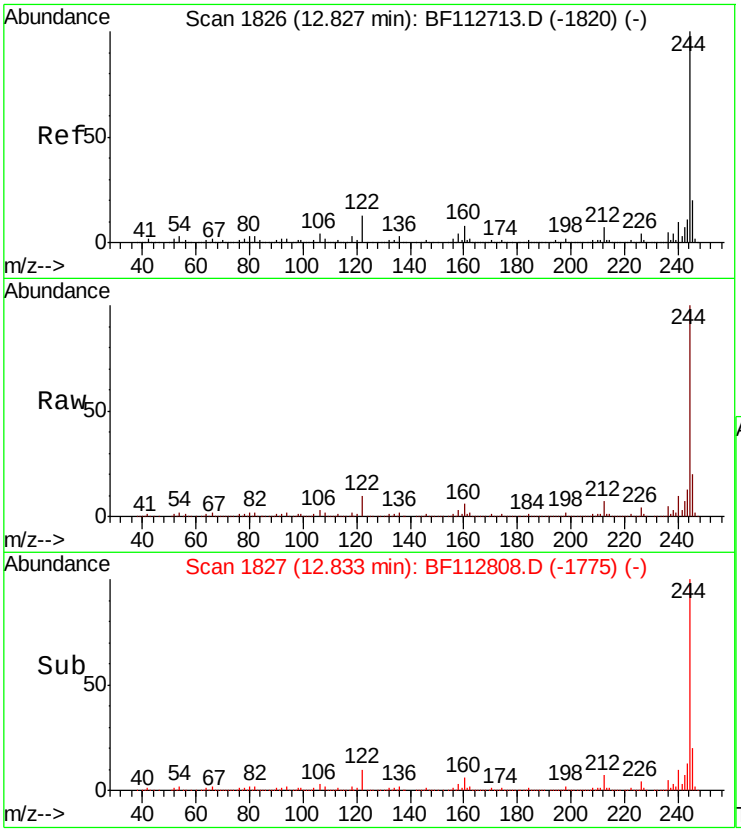


#78
Pyrene
Concen: 3.669 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:202 Resp: 135728

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	18.5	14.4	21.6



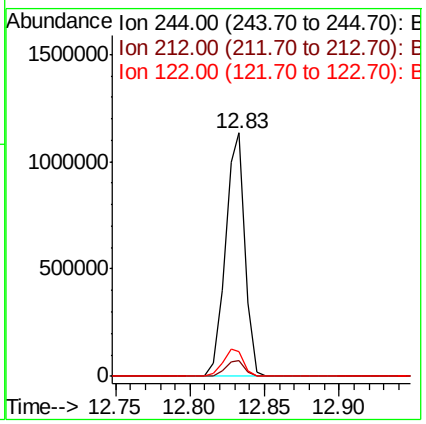


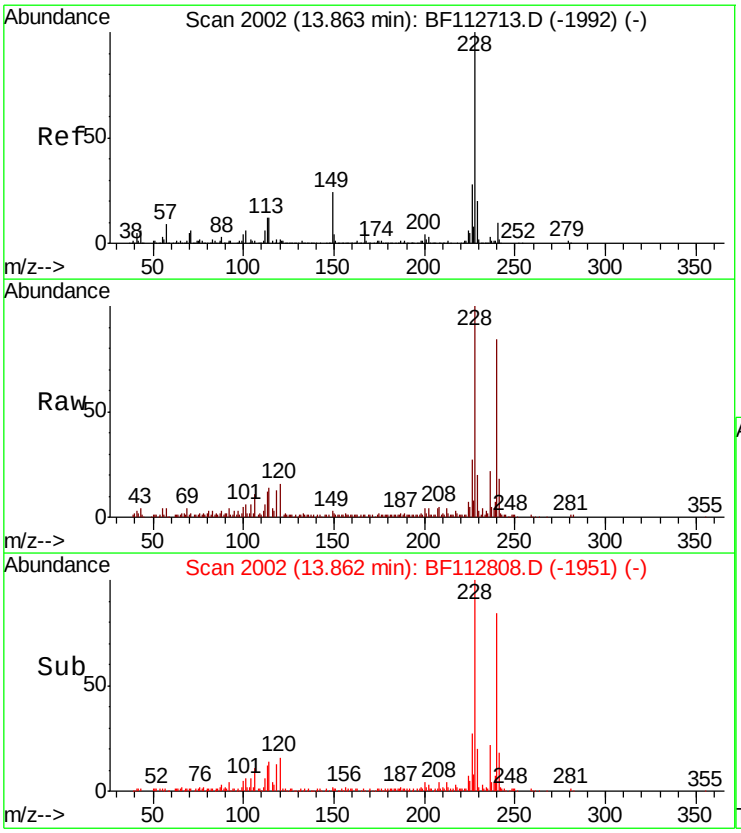
#79
Terphenyl-d14
Concen: 46.233 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:244 Resp: 1046632

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.4	10.5	15.7#

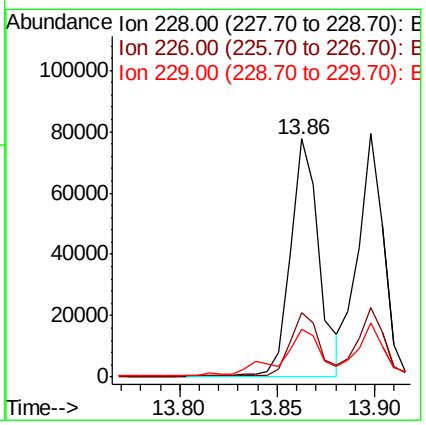


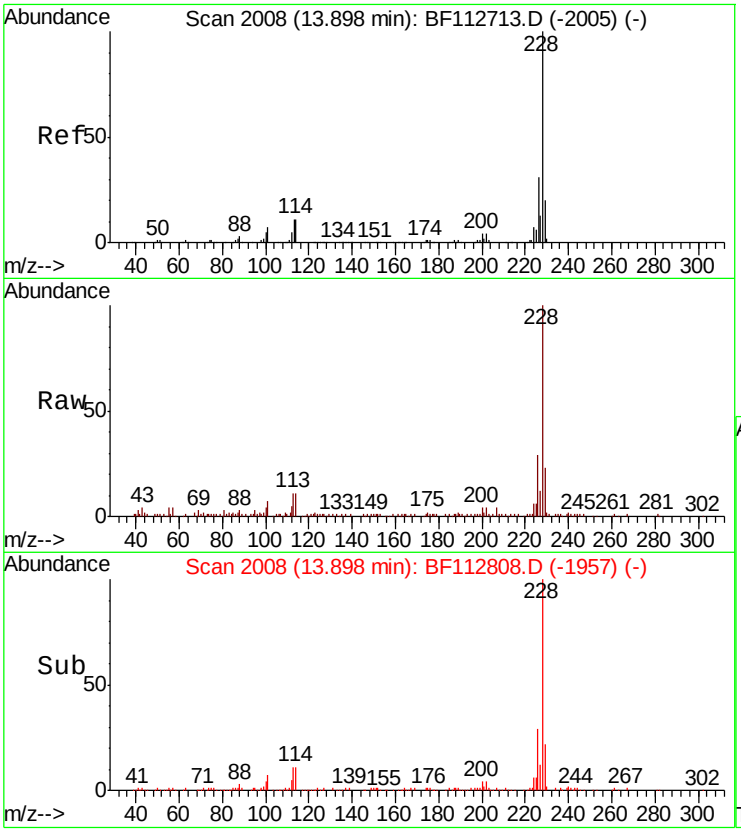


#81
Benzo(a)anthracene
Concen: 2.626 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:228 Resp: 79863

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.4
229	19.9	16.0	24.0



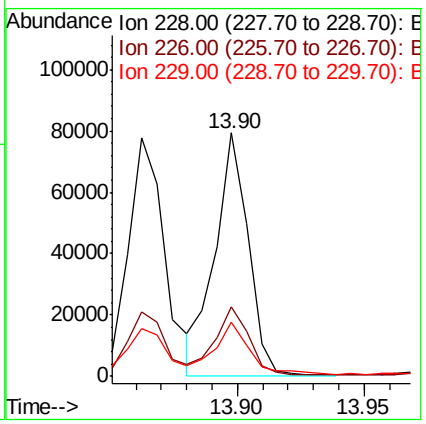


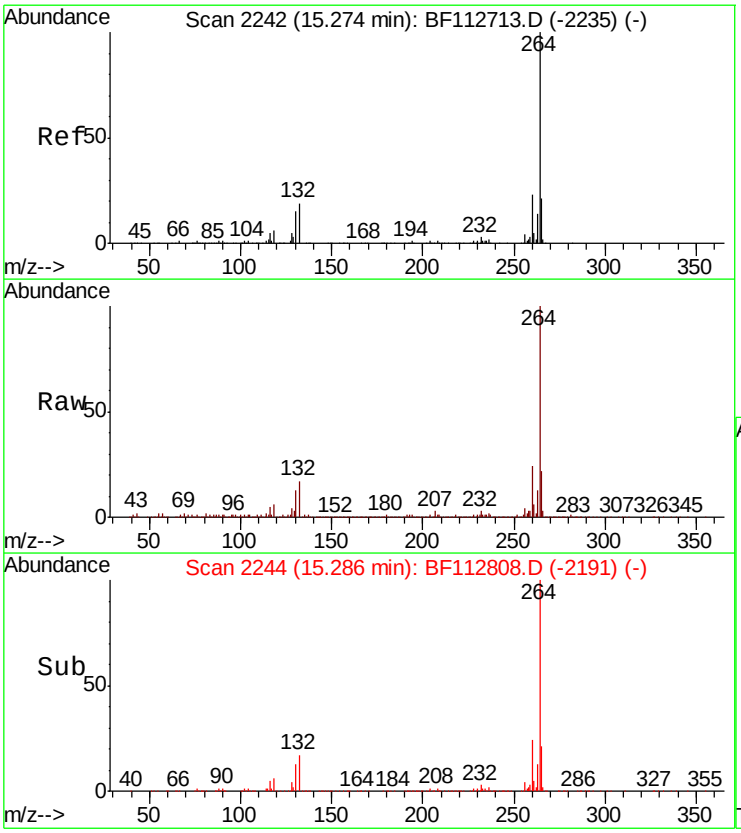
#83
Chrysene
Concen: 2.436 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:228 Resp: 72588

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	22.5	16.3	24.5

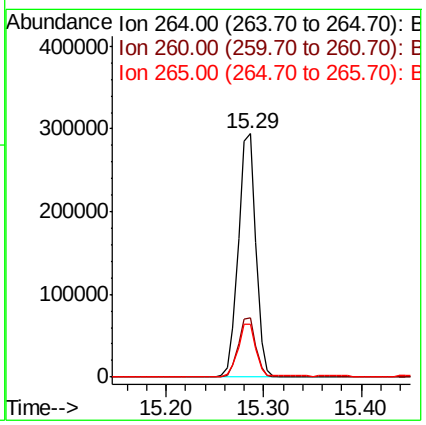


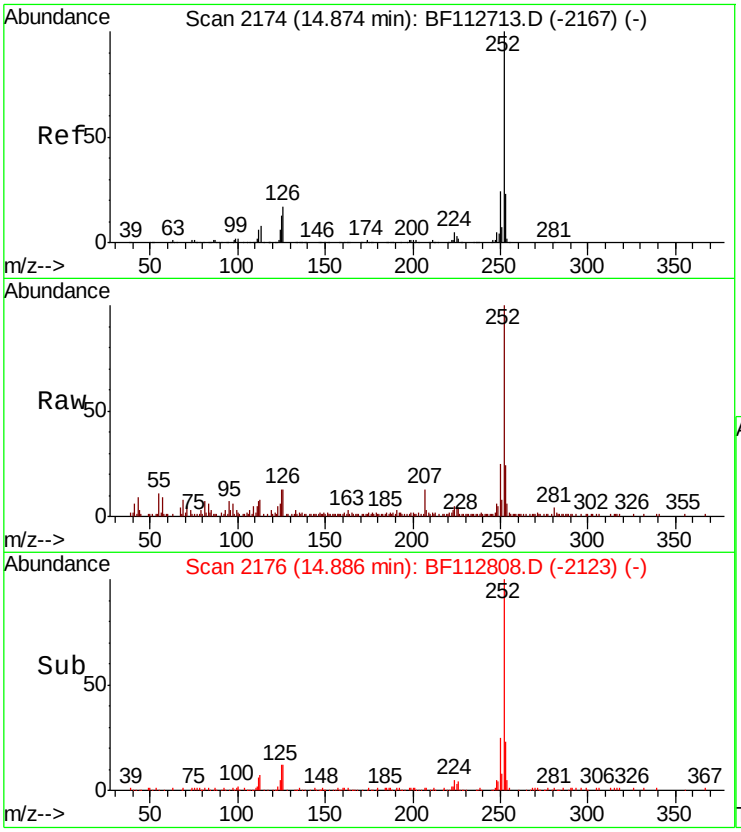


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:264 Resp: 368865

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.5	17.2	25.8



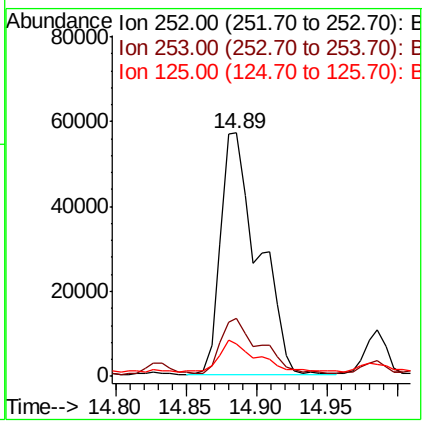


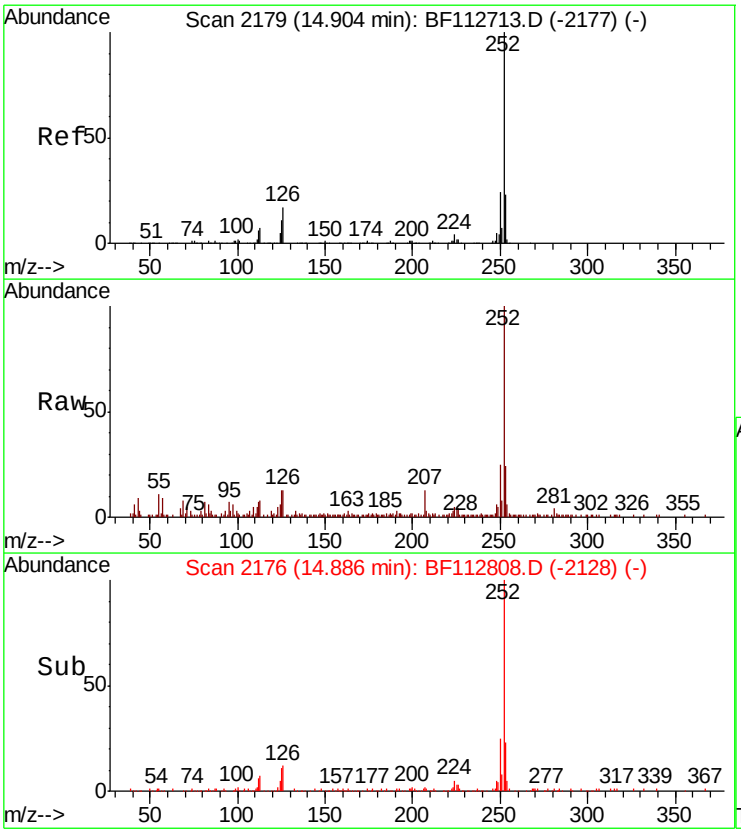
#88
Benzo(b)fluoranthene
Concen: 4.463 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:252 Resp: 106485

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	13.2	10.2	15.2

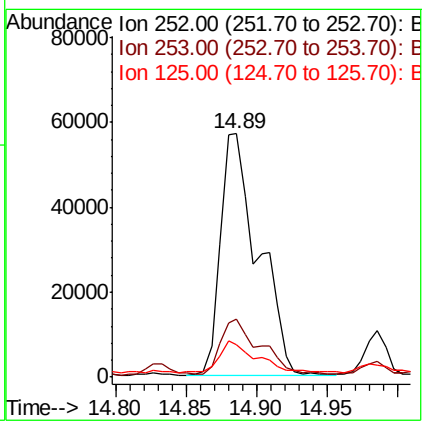


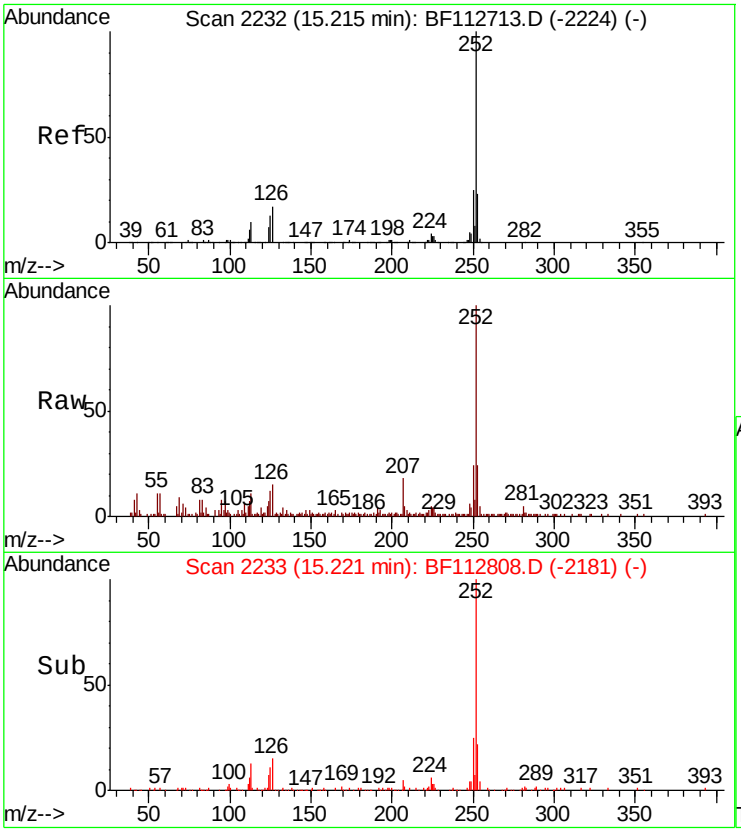


#89
Benzo(k)fluoranthene
Concen: 4.927 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Tgt Ion:252 Resp: 106485

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	13.2	9.8	14.6





#90
Benzo(a)pyrene
Concen: 2.590 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112808.D
Acq: 1 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:252 Resp: 54664

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	12.2	10.7	16.1