Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112821.D
Acq On : 4 Mar 2019 13:50
Operator : JU/SJ
Sample : K1707-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10

Quant Time: Mar 05 00:35:57 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	183741	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	693349	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	322233	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	586012	20.00	ng		0.00
76) Chrysene-d12	13.88	240	444475	20.00	ng		0.00
87) Perylene-d12	15.29	264	443918	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1170941	99.13	ng		0.01
7) Phenol-d6	6.38	99	1551898	104.59	ng		0.01
23) Nitrobenzene-d5	7.30	82	952421	82.20	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	415241	121.38	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1570351	79.33	ng		0.00
79) Terphenyl-d14	12.83	244	1357234	59.19	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	69531	4.016	ng		89
19) n-Nitroso-di-n-propylamine	7.30	70	124449	13.243	ng	#	79
25) Isophorone	7.30	82	927378	37.151	ng	#	66
50) Dimethylphthalate	9.49	163	122458	5.154	ng		99
51) 2,6-Dinitrotoluene	9.77	165	41982	8.485	ng	#	18
57) 2,4-Dinitrotoluene	9.77	165	41982	6.826	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.59	198	618	4.845	ng		81
67) 4-Bromophenyl-phenylether	10.56	248	23344	3.782	ng	#	1
71) Phenanthrene	11.27	178	119079	4.084	ng		98
75) Fluoranthene	12.46	202	297740	9.531	ng		98
78) Pyrene	12.69	202	277364	7.402	ng		98
81) Benzo(a)anthracene	13.87	228	166082	5.391	ng		93
83) Chrysene	13.90	228	150475	4.987	ng		97
86) Indeno(1,2,3-cd)pyrene	16.65	276	76186	2.962	ng	#	92
88) Benzo(b)fluoranthene	14.89	252	267767	9.325	ng		99
89) Benzo(k)fluoranthene	14.89	252	267767	10.295	ng		99
90) Benzo(a)pyrene	15.23	252	138782	5.464	ng		99
92) Benzo(g,h,i)perylene	17.06	276	67587	3.106	ng		97

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

Quantitation Report (Not Reviewed)

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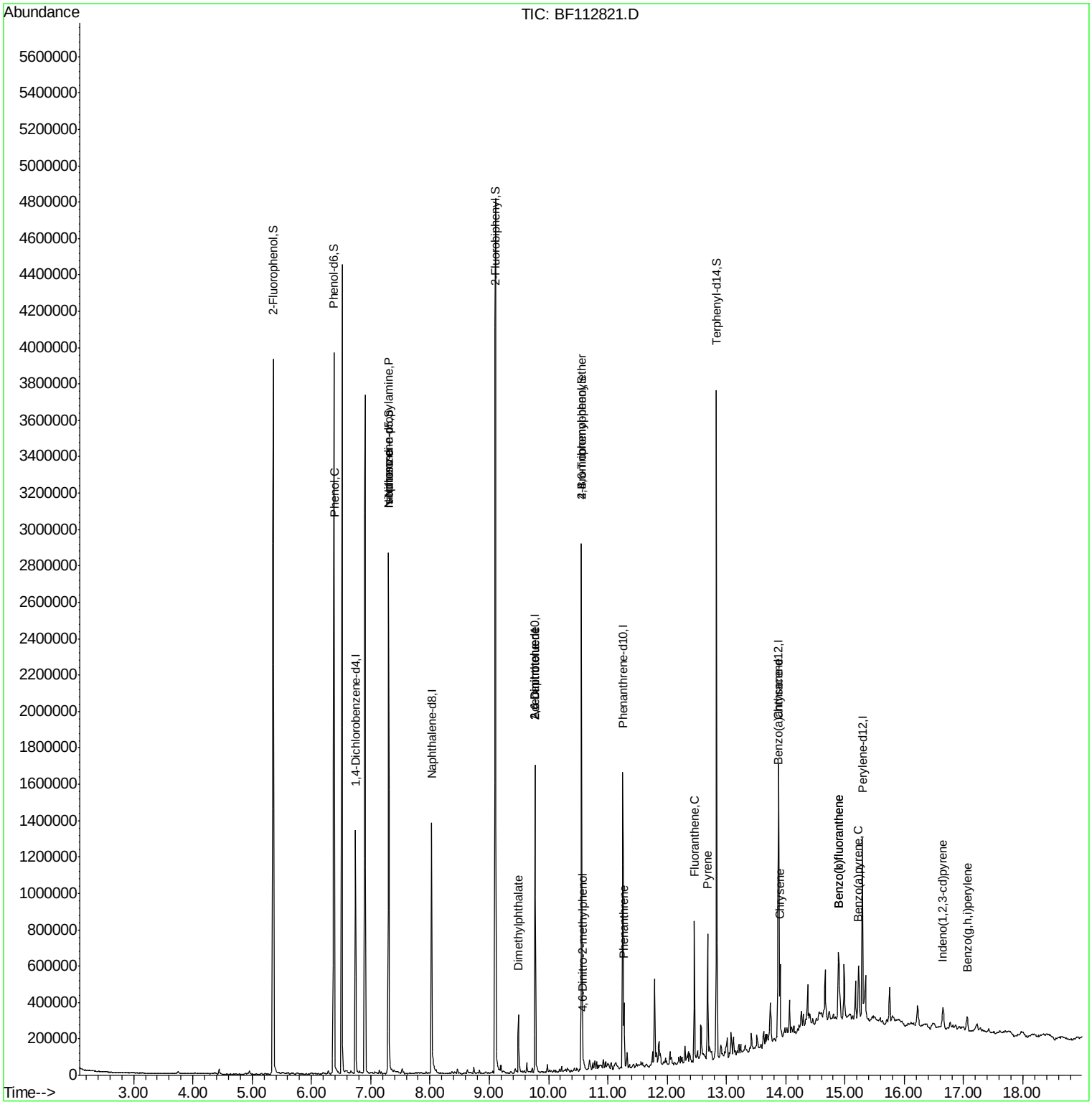
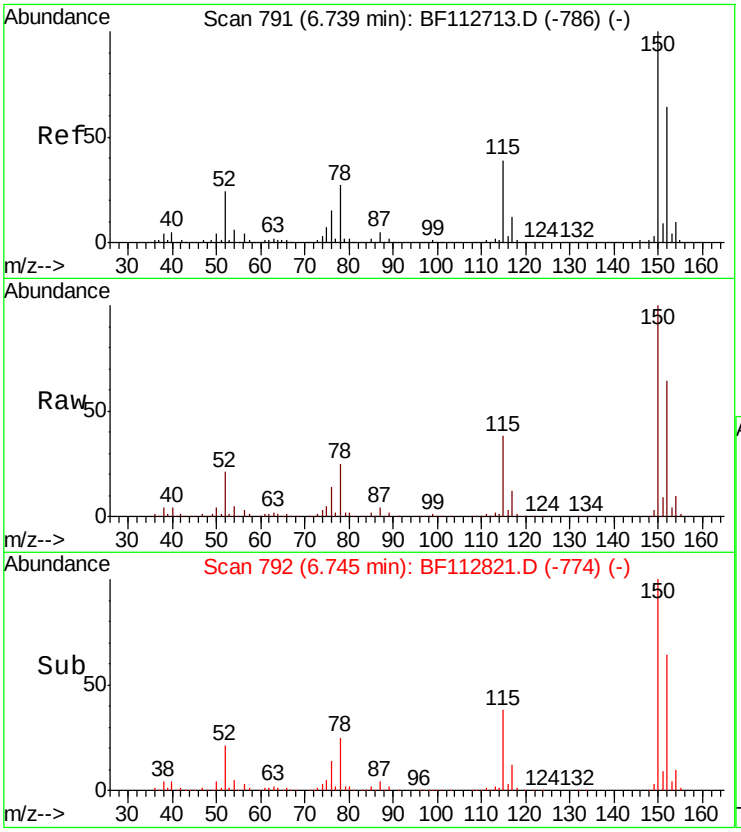


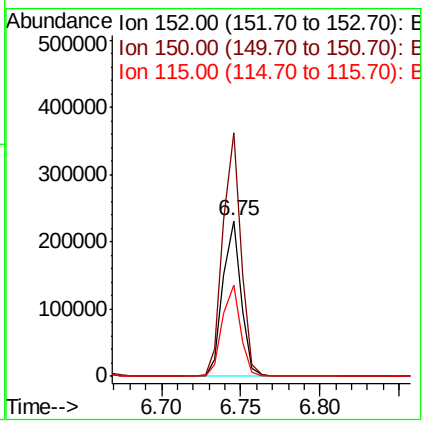


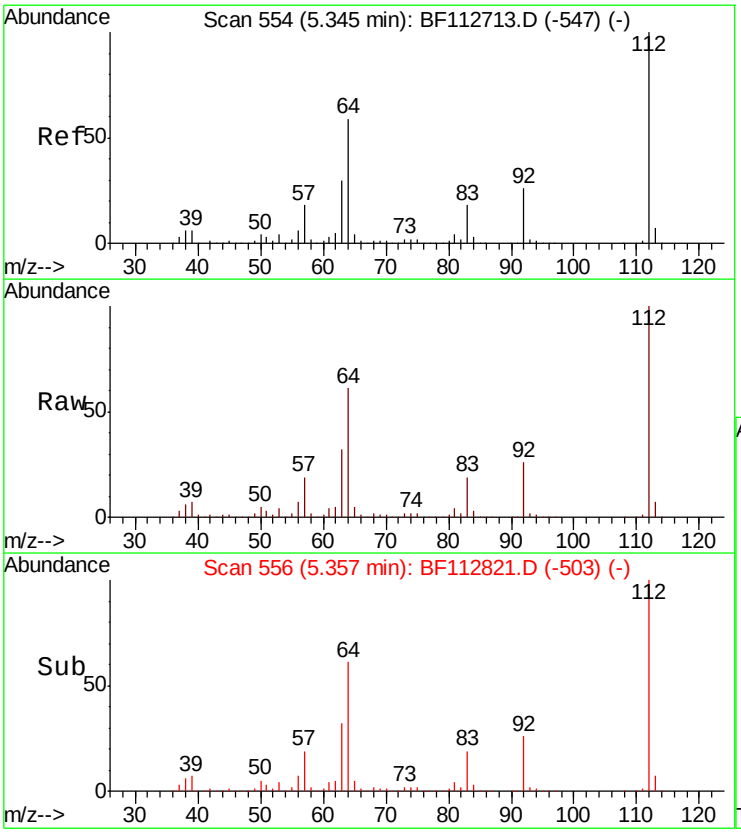
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:152 Resp: 183741

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	59.0	48.2	72.4

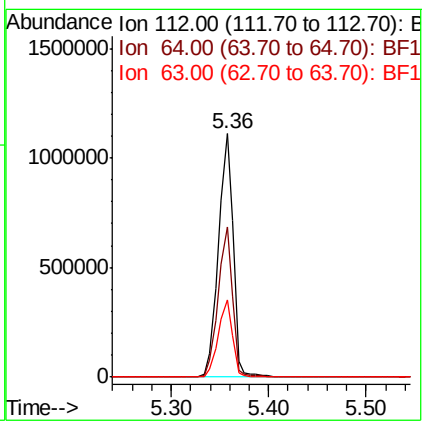


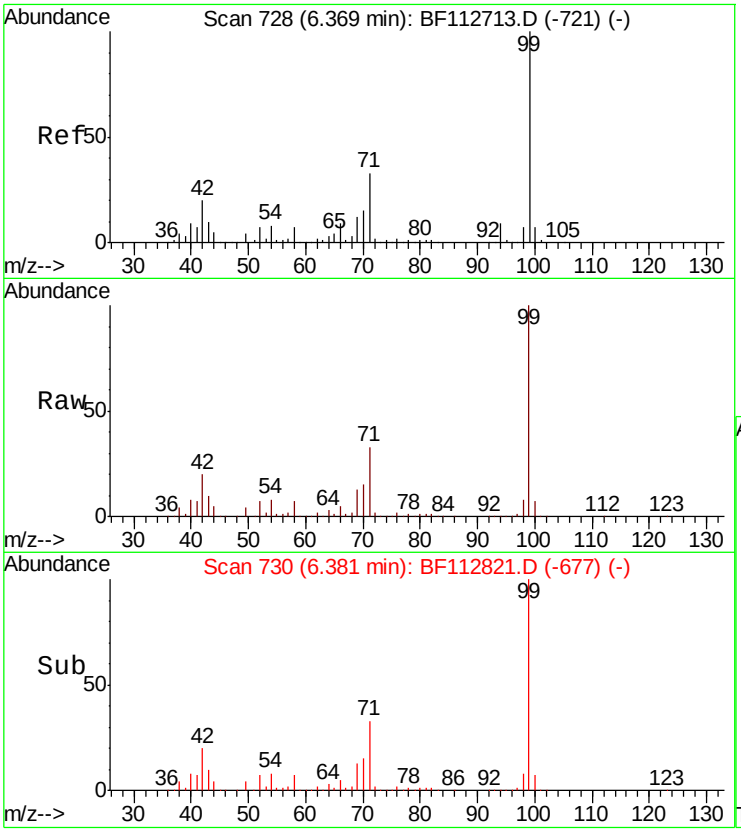


#5
2-Fluorophenol
Concen: 99.131 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:112 Resp: 1170941

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.6	71.4
63	32.0	24.4	36.6



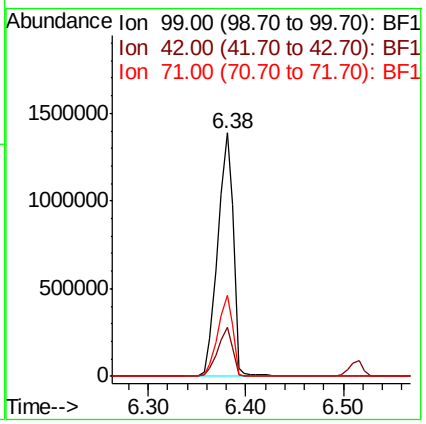


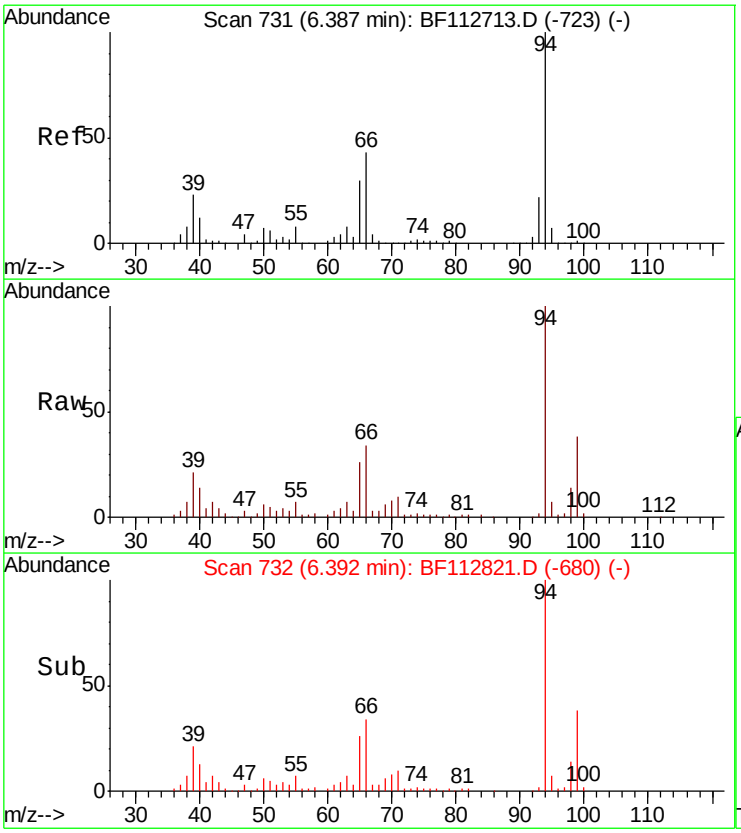
#7
Phenol-d6
Concen: 104.591 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion: 99 Resp: 1551898

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.3	24.5
71	33.5	26.2	39.4

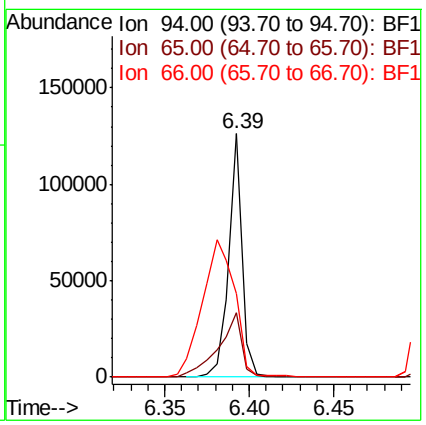


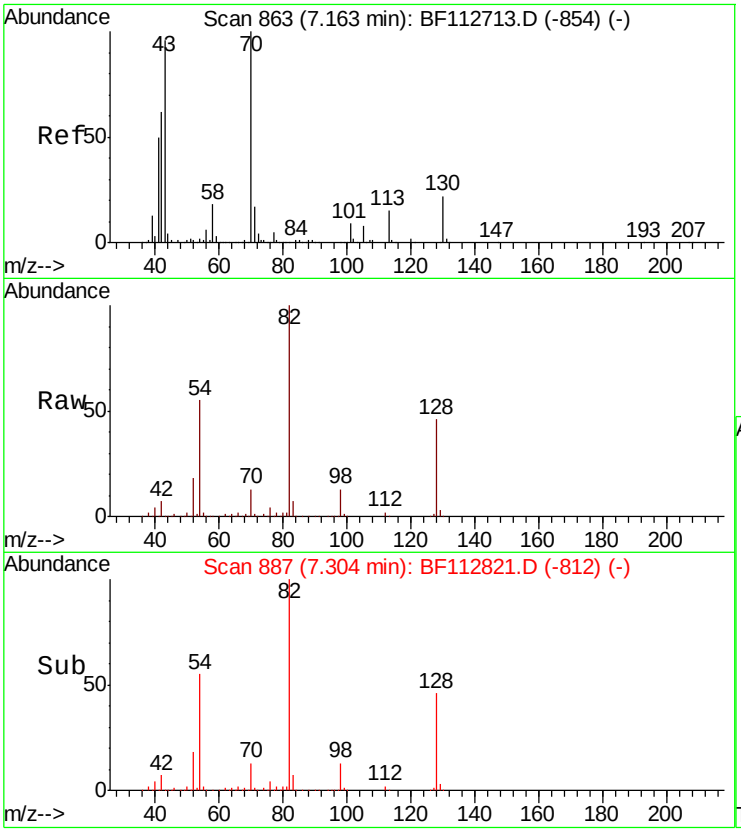


#10
Phenol
Concen: 4.016 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion: 94 Resp: 69531

Ion	Ratio	Lower	Upper
94	100		
65	26.3	10.5	50.5
66	34.5	22.6	62.6



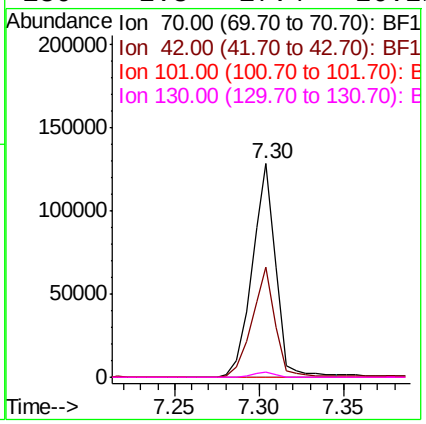


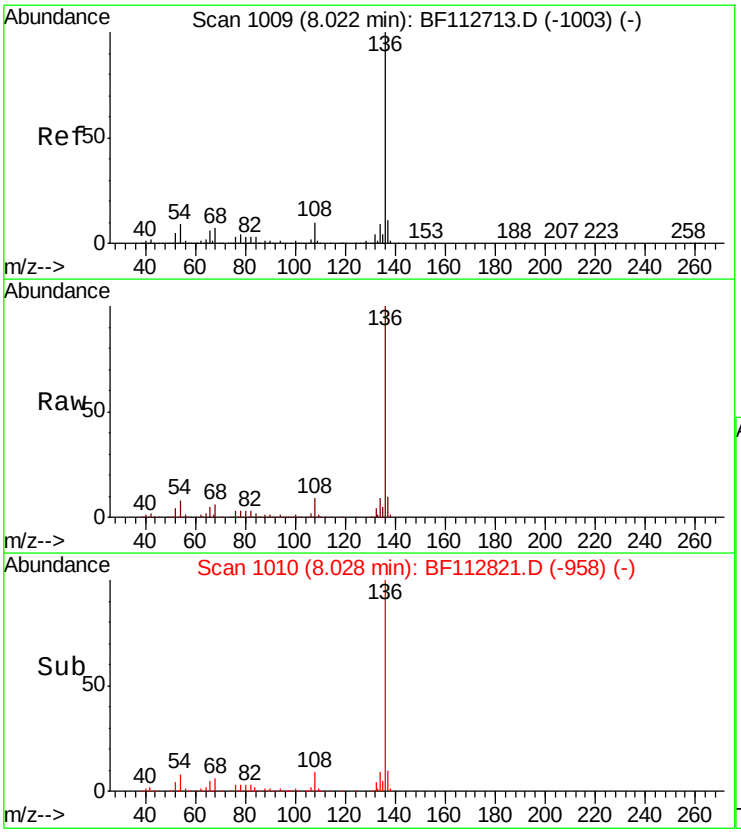
#19
n-Nitroso-di-n-propylamine
Concen: 13.243 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion: 70 Resp: 124449

Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.9	74.9
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#

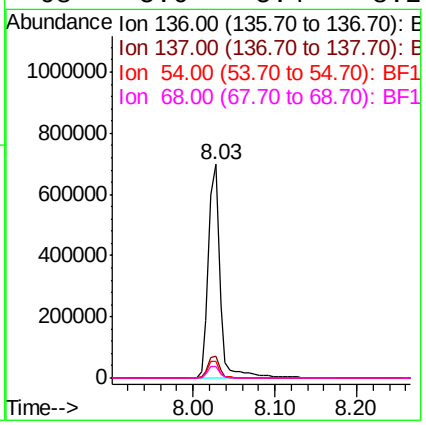


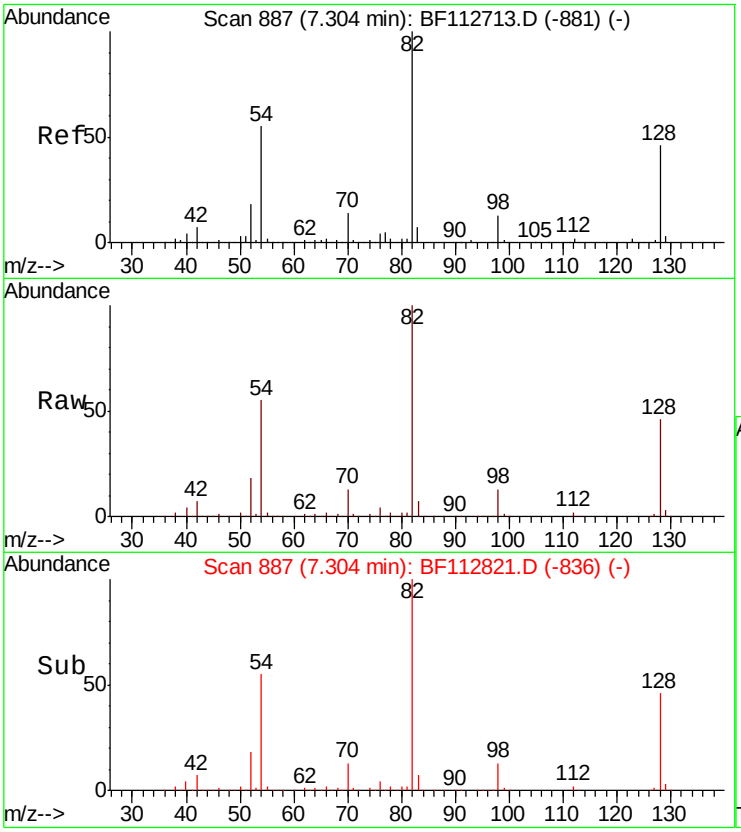


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:136 Resp: 693349

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.8	7.3	10.9
68	5.6	5.4	8.2



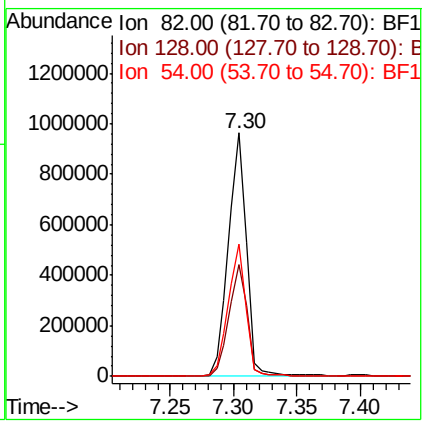


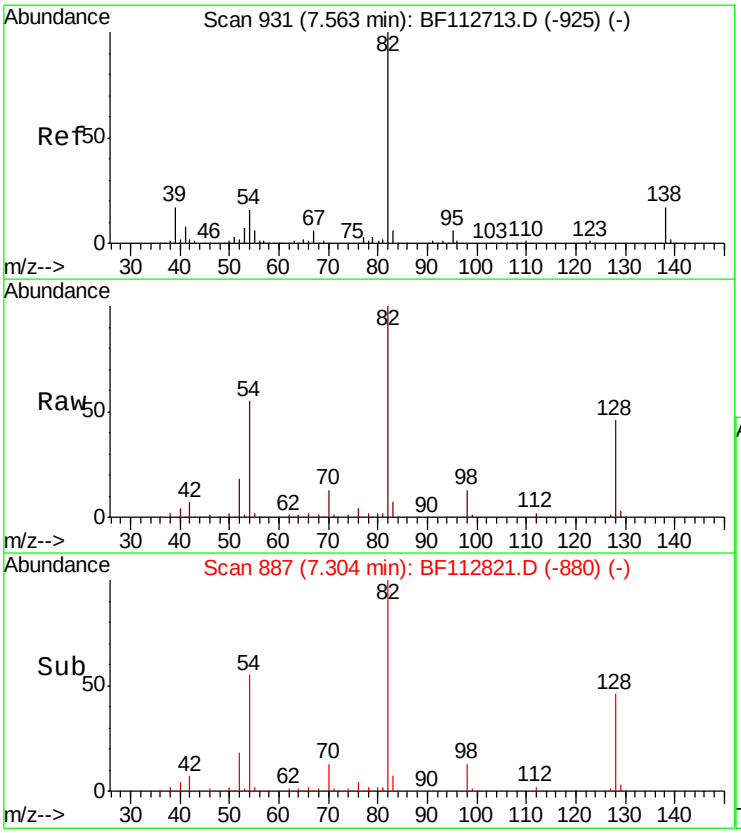
#23
Nitrobenzene-d5
Concen: 82.197 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion: 82 Resp: 952421

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	54.5	43.7	65.5

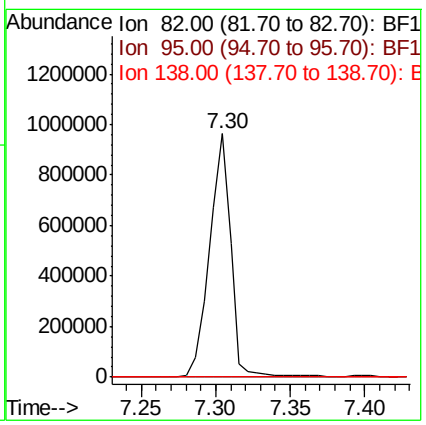


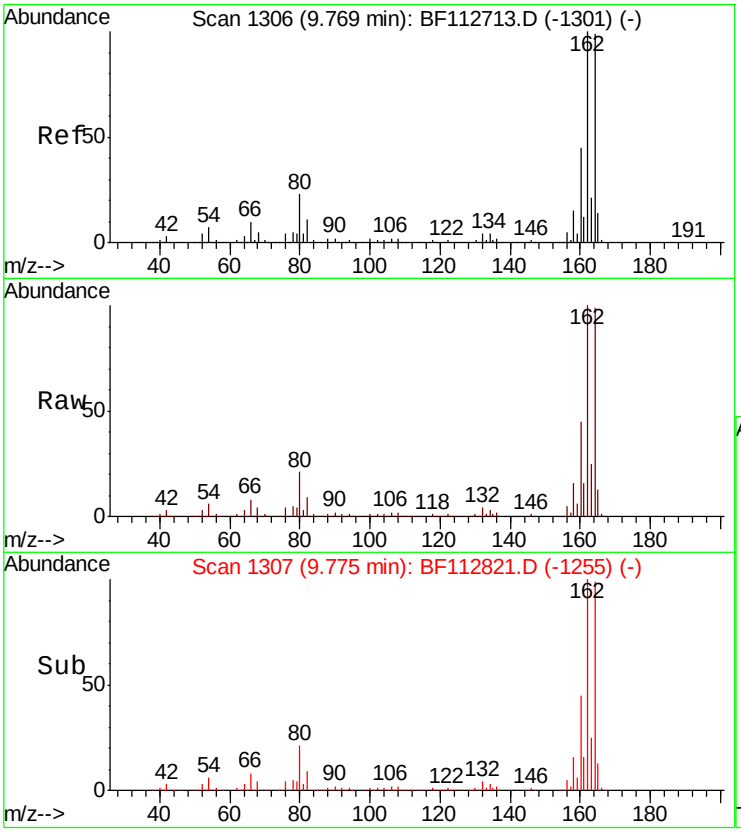


#25
Isophorone
Concen: 37.151 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion: 82 Resp: 927378

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



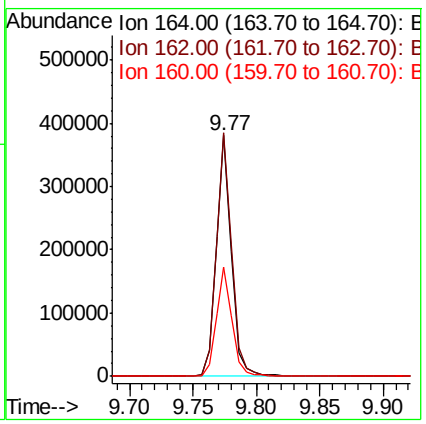


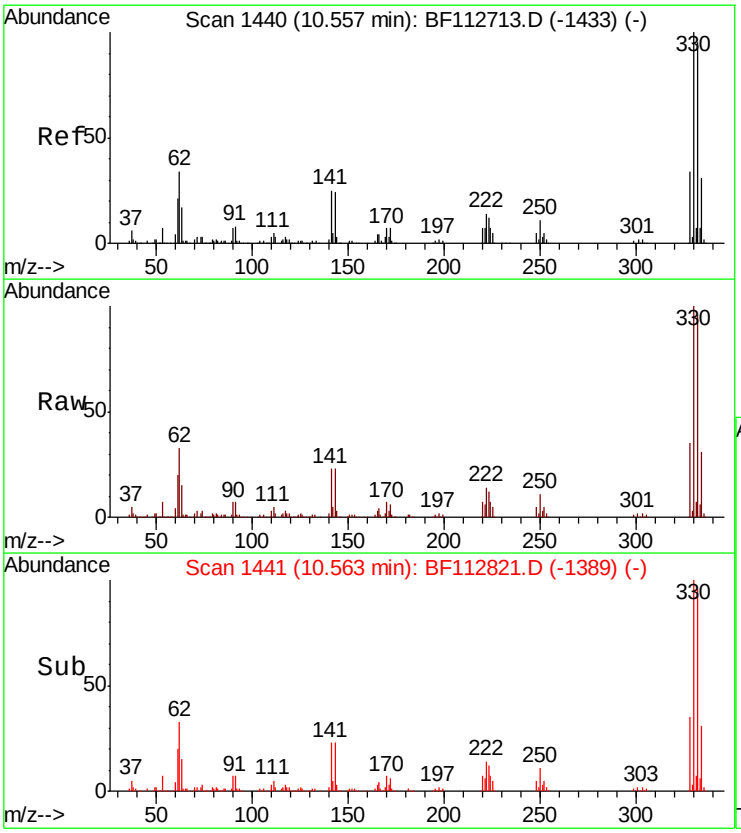
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:164 Resp: 322233

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.6	36.0	54.0

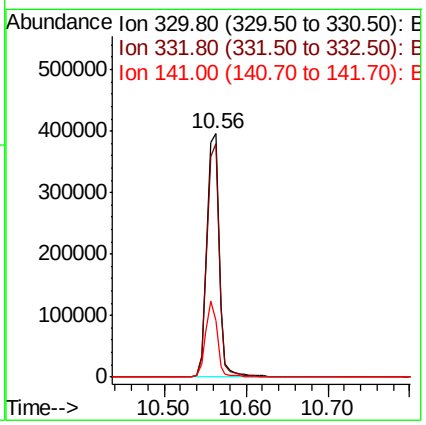


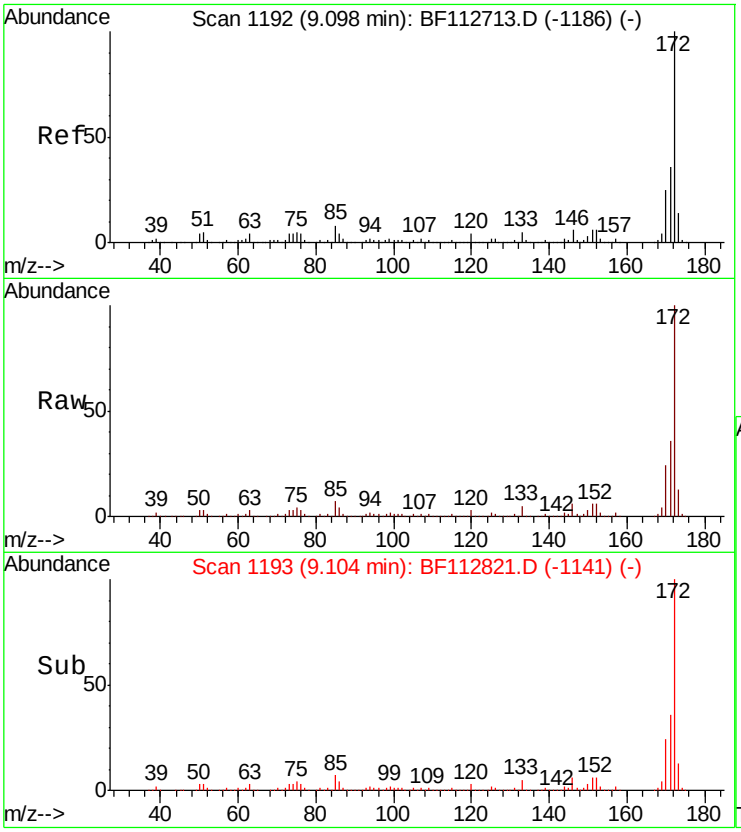


#42
2,4,6-Tribromophenol
Concen: 121.383 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:330 Resp: 415241

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	29.9	27.0	40.6



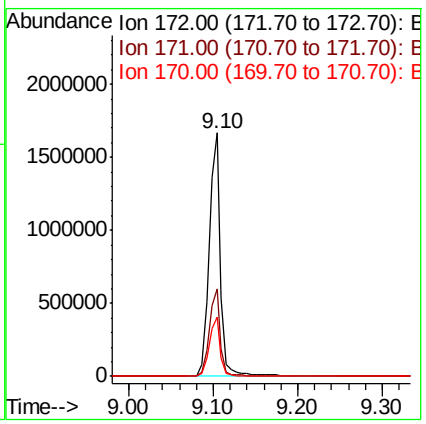


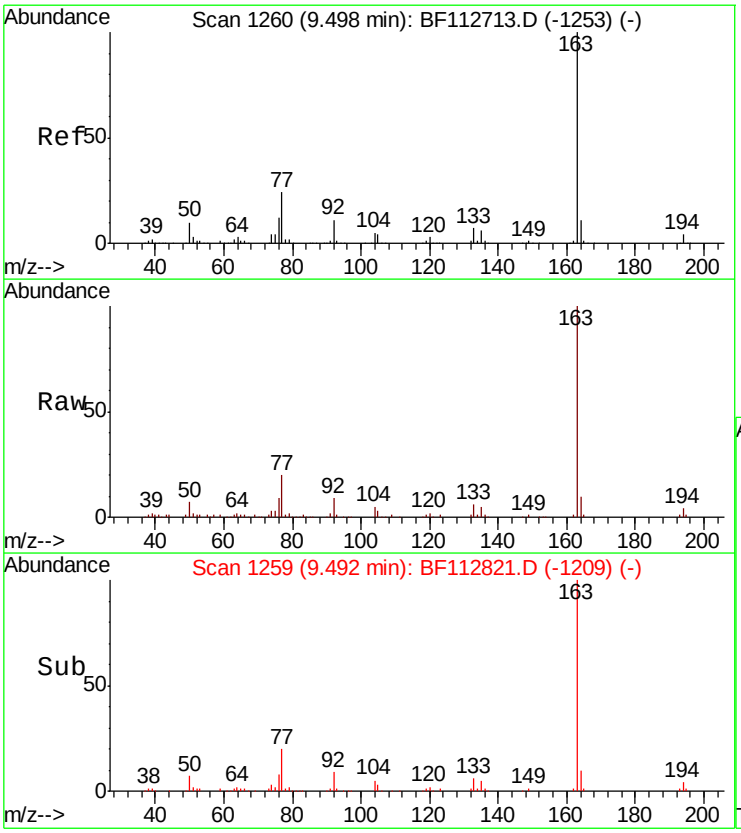
#45
2-Fluorobiphenyl
Concen: 79.332 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:172 Resp: 1570351

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.5	20.0	30.0

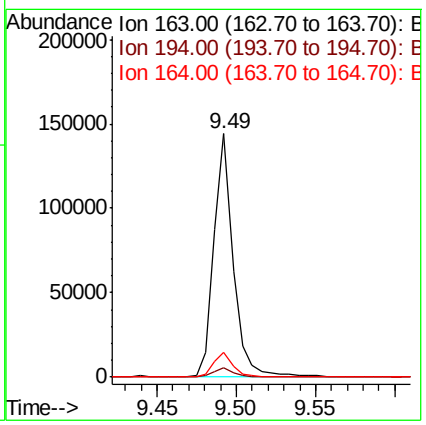


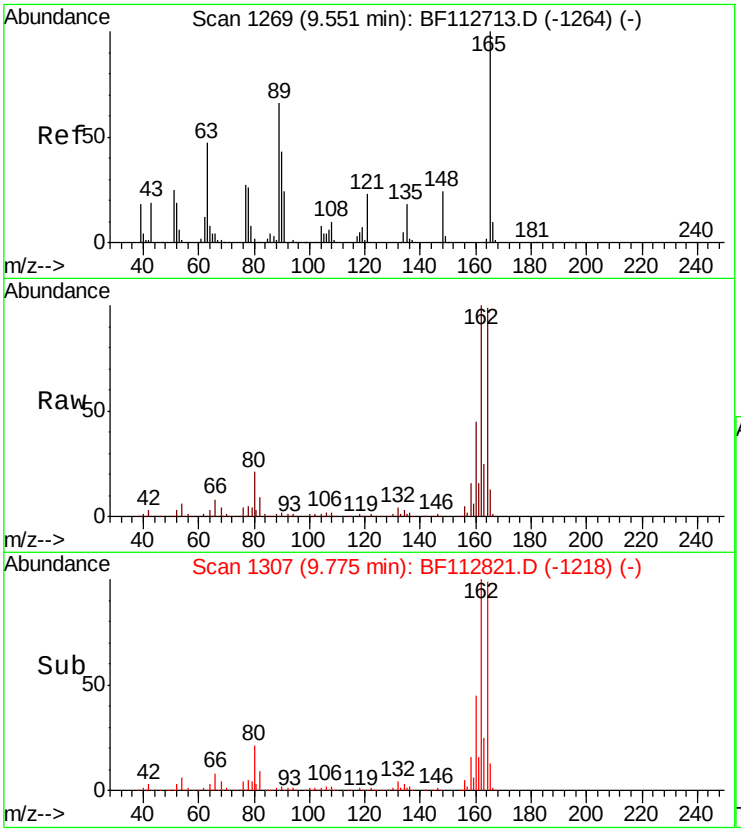


#50
Dimethylphthalate
Concen: 5.154 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:163 Resp: 122458

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.3	8.4	12.6



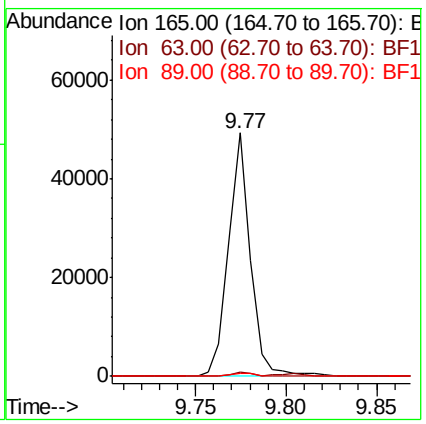


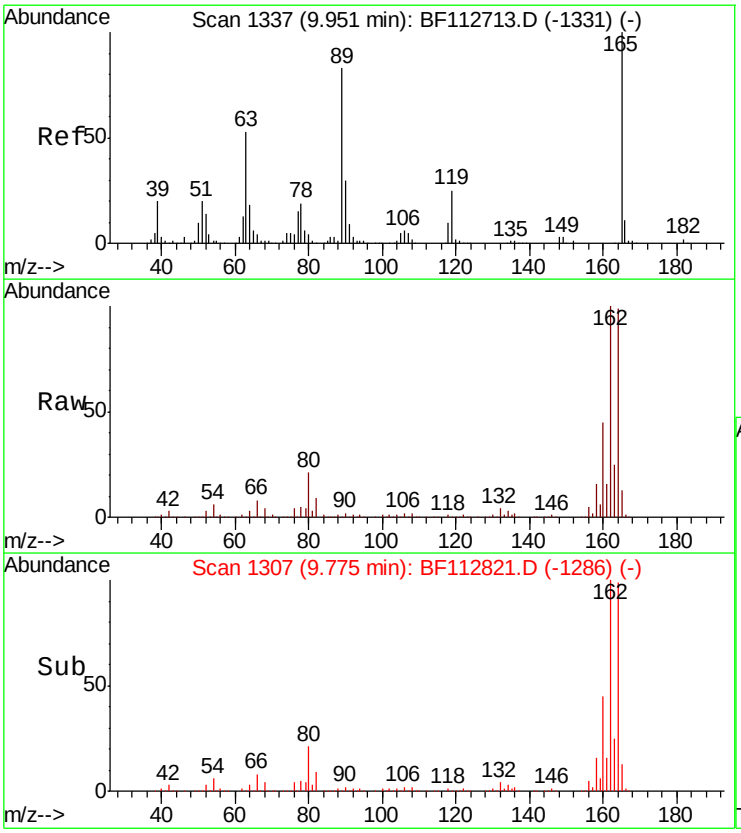
#51
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:165 Resp: 41982

Ion	Ratio	Lower	Upper
165	100		
63	1.8	54.1	81.1#
89	1.3	52.8	79.2#

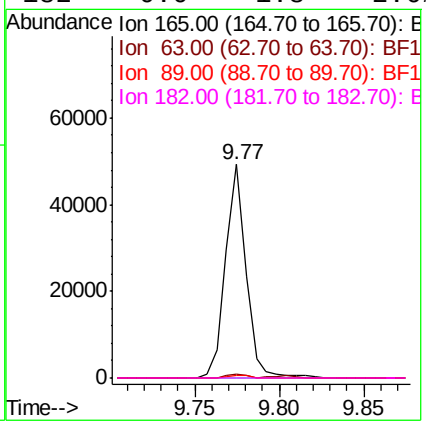


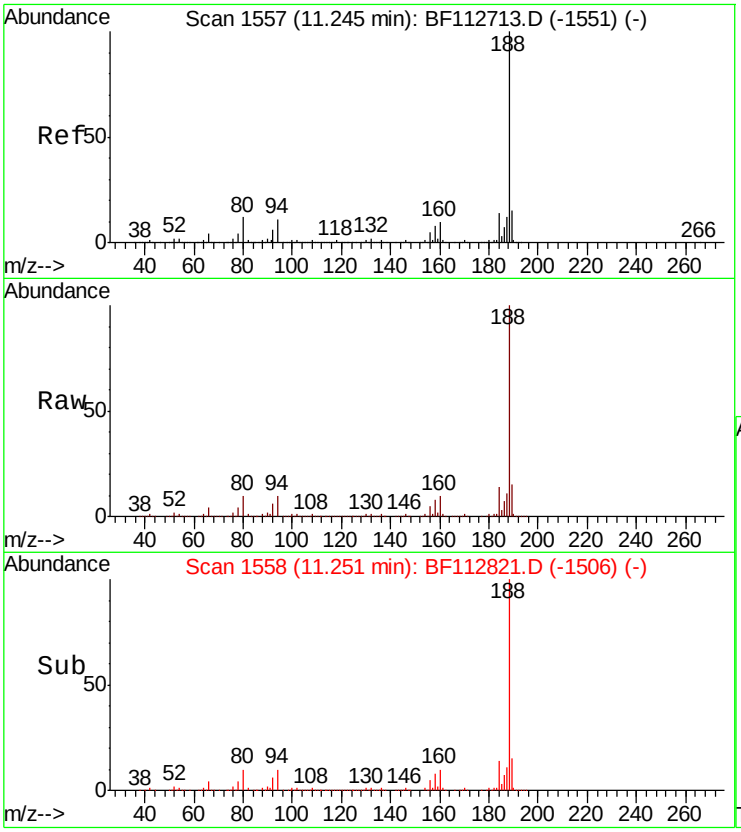


#57
2,4-Dinitrotoluene
Concen: 6.826 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:165 Resp: 41982

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



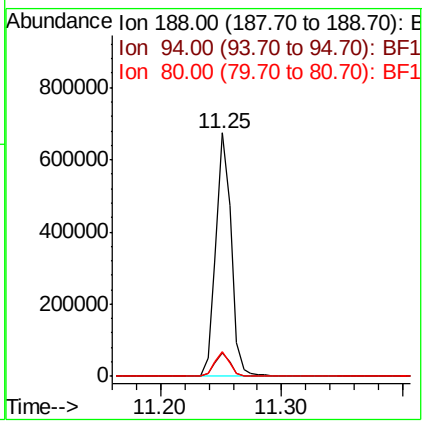


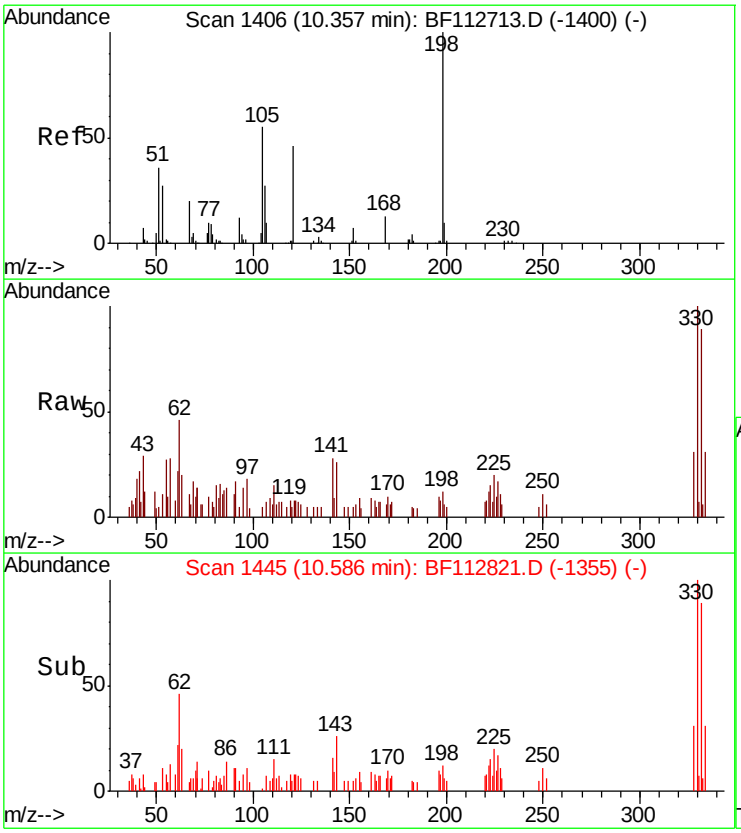
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:188 Resp: 586012

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.1	9.2	13.8

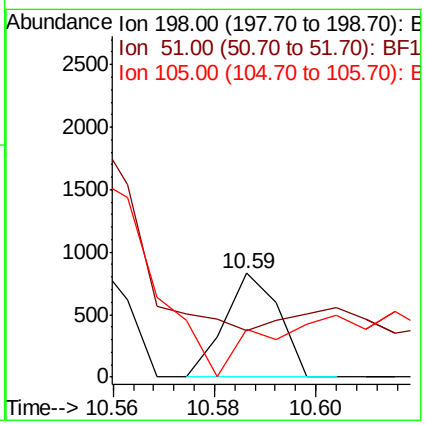


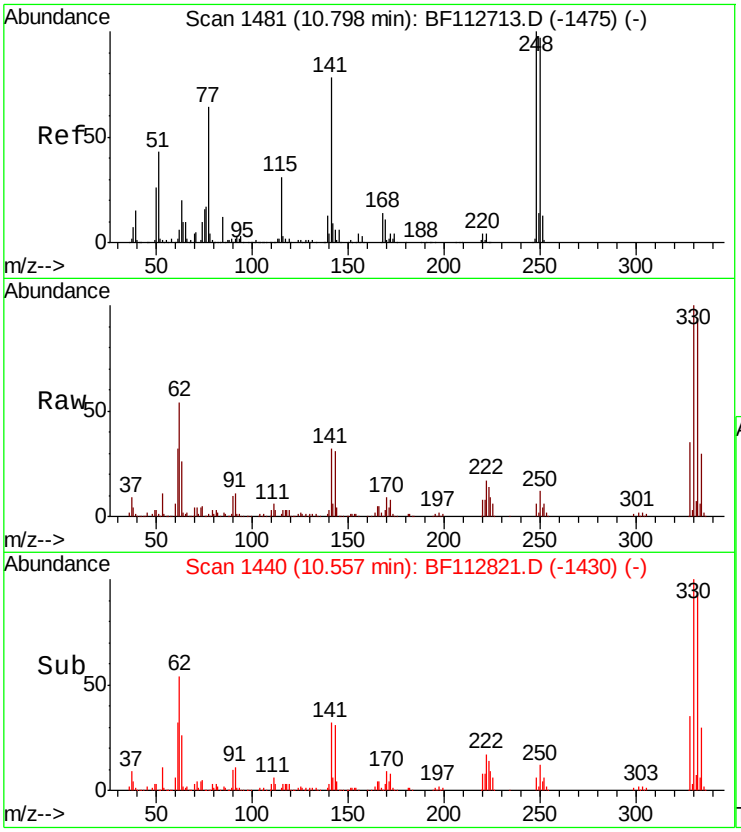


#65
4,6-Dinitro-2-methylphenol
Concen: 4.845 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.23 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:198 Resp: 618

Ion	Ratio	Lower	Upper
198	100		
51	45.2	43.8	83.8
105	46.7	36.5	76.5



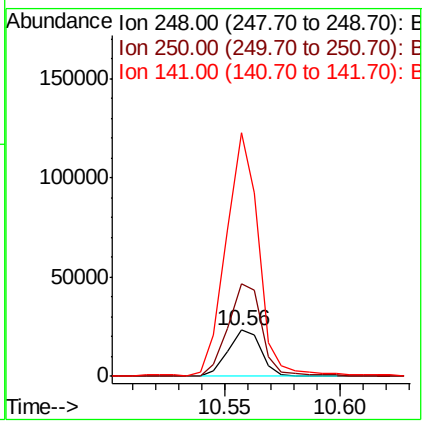


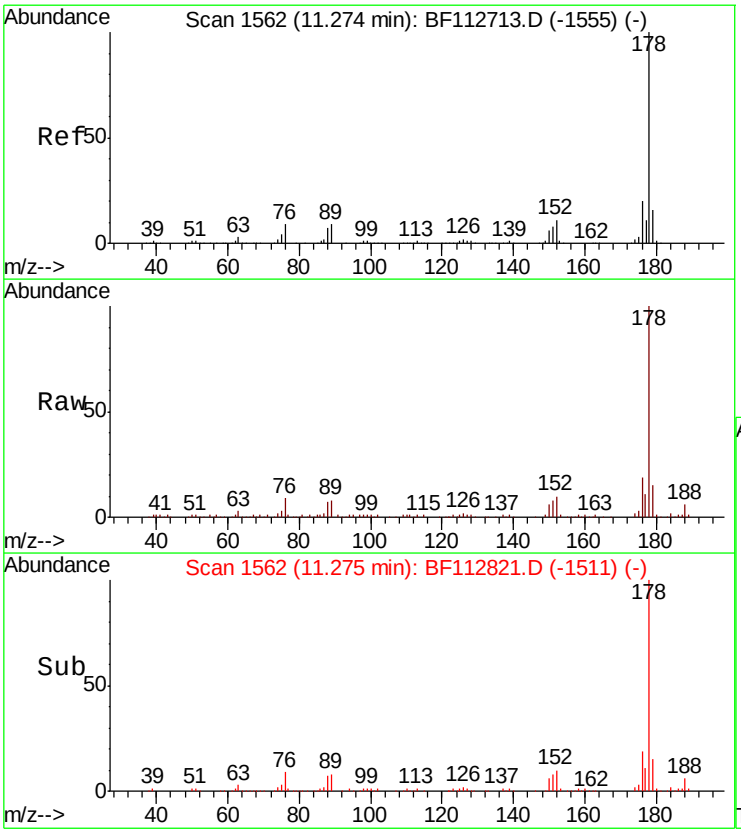
#67
4-Bromophenyl-phenylether
Concen: 3.782 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:248 Resp: 23344

Ion	Ratio	Lower	Upper
248	100		
250	201.7	77.5	116.3#
141	529.6	62.4	93.6#

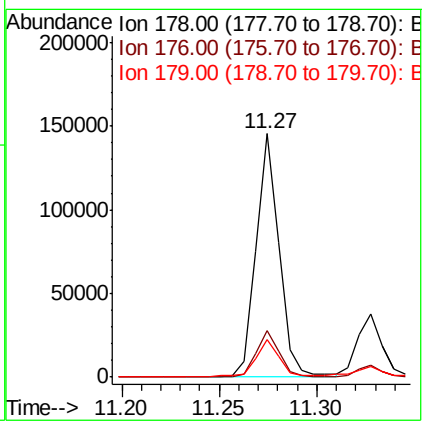


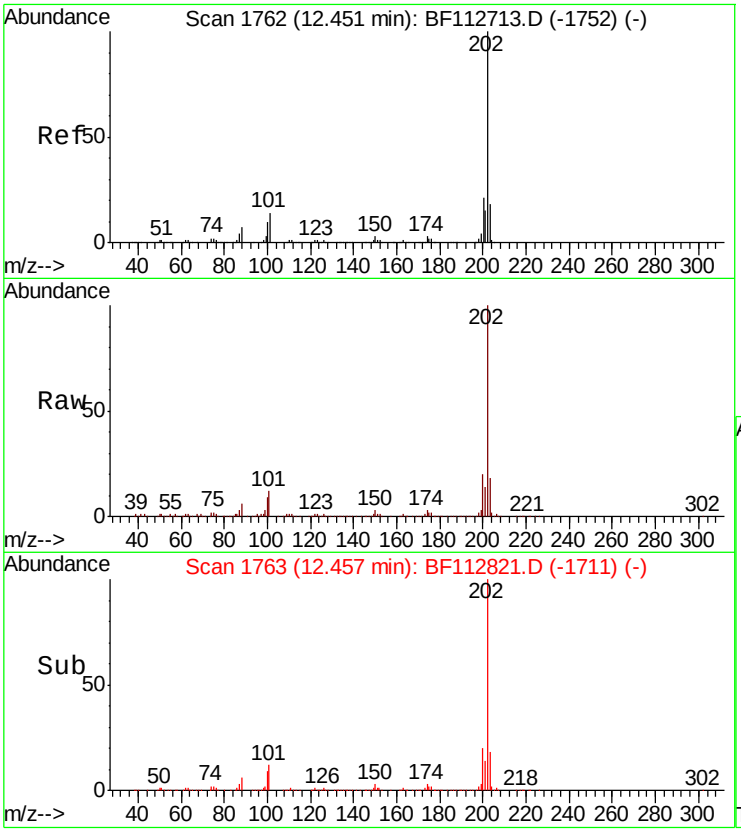


#71
Phenanthrene
Concen: 4.084 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:178 Resp: 119079

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	15.3	12.7	19.1



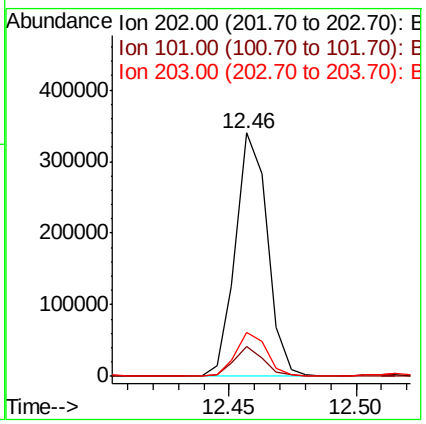


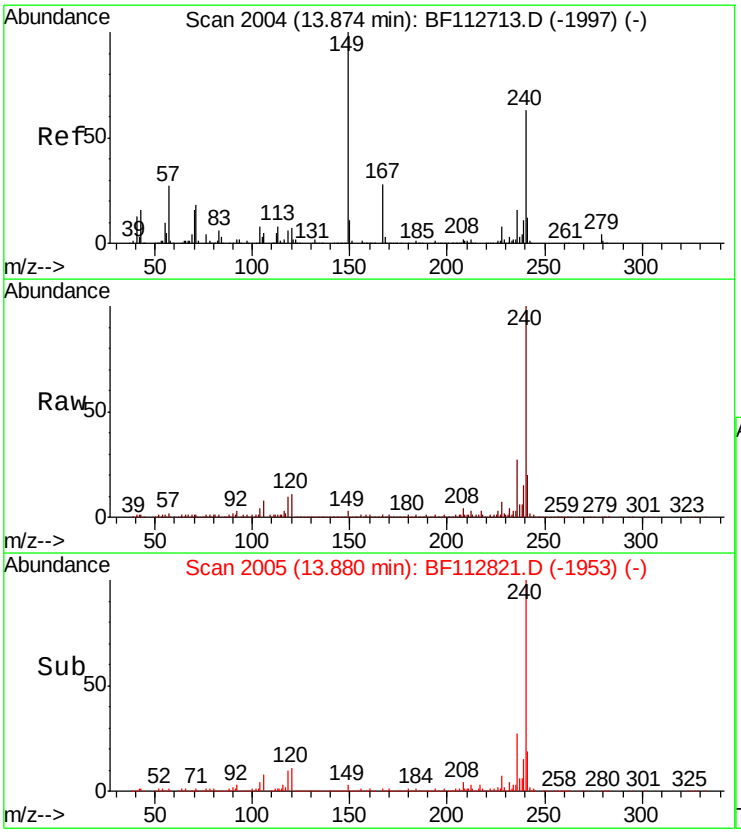
#75
Fluoranthene
Concen: 9.531 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:202 Resp: 297740

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.8
203	17.9	0.0	38.4

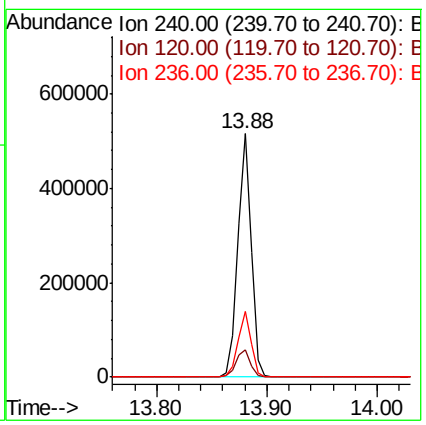


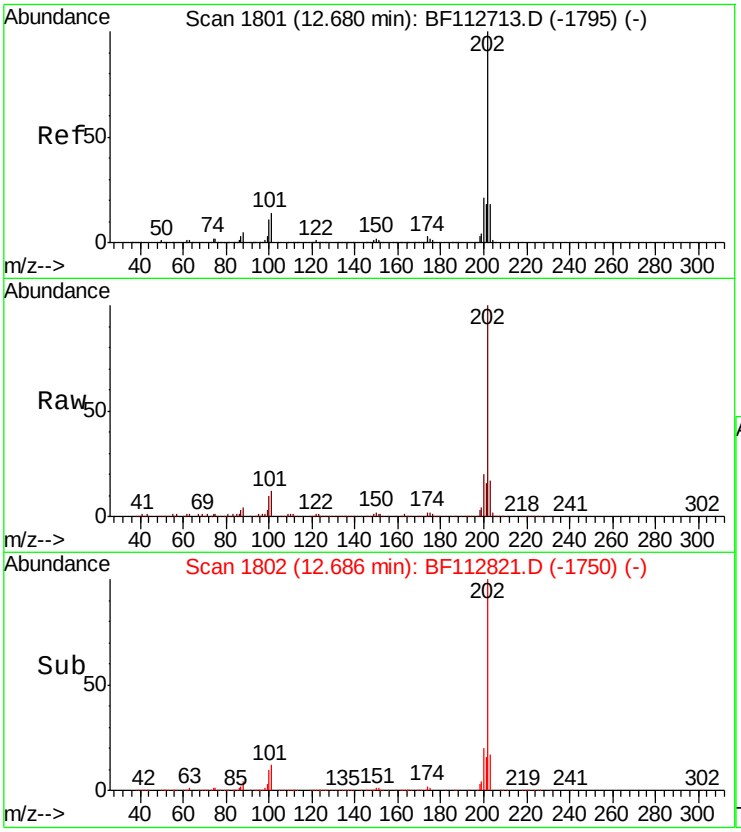


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:240 Resp: 444475

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.8	20.7	31.1



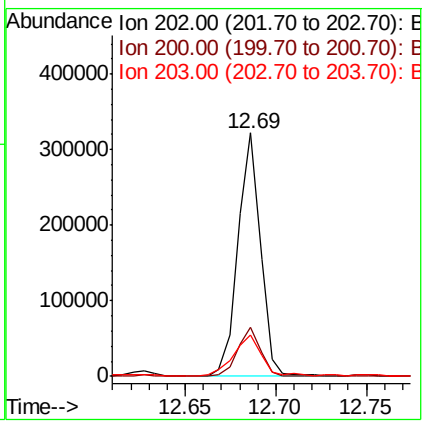


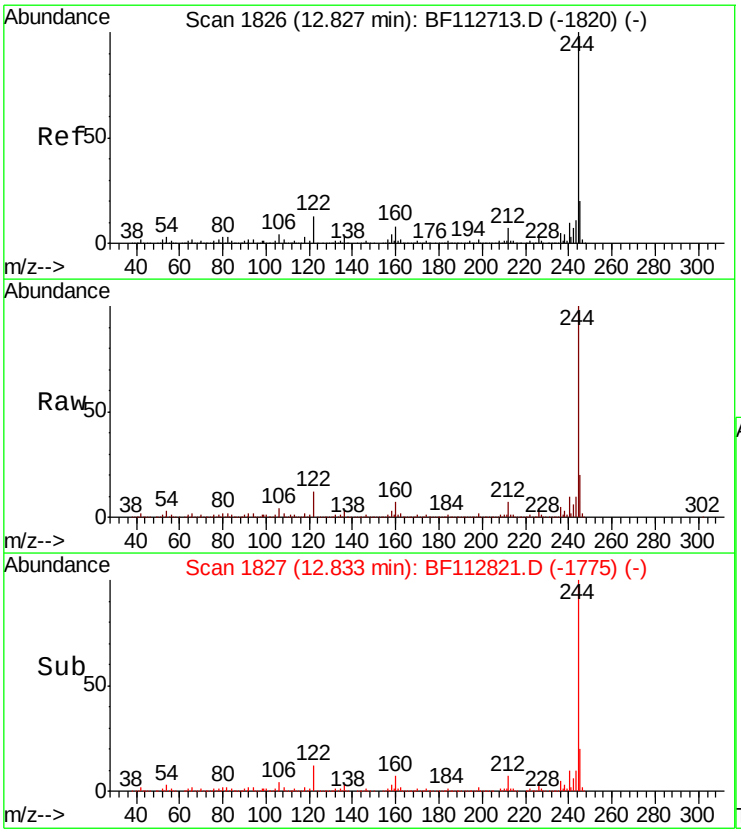
#78
Pyrene
Concen: 7.402 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:202 Resp: 277364

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	17.0	14.4	21.6

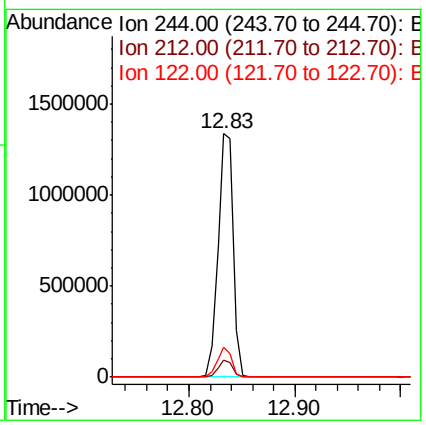


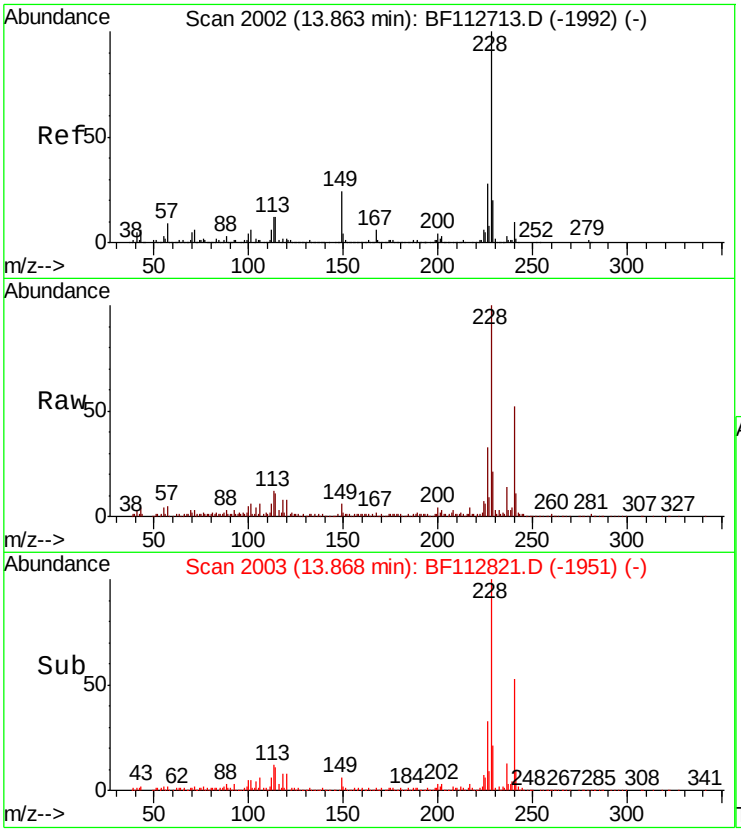


#79
Terphenyl-d14
Concen: 59.193 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:244 Resp: 1357234

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.4	10.5	15.7



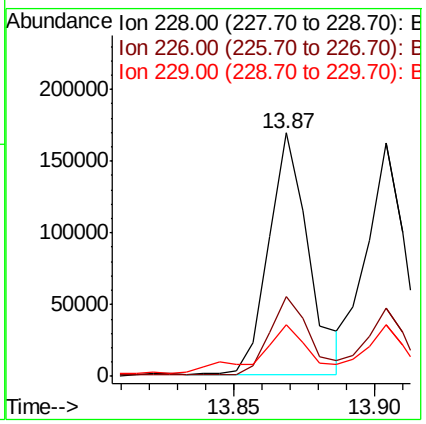


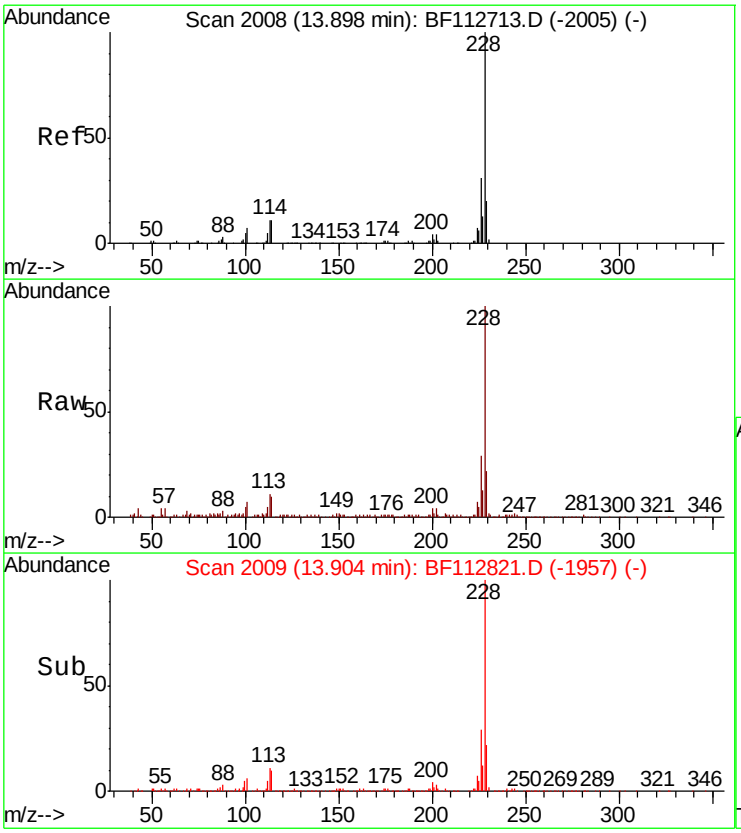
#81
Benzo(a)anthracene
Concen: 5.391 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:228 Resp: 166082

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.2	33.4
229	21.4	16.0	24.0

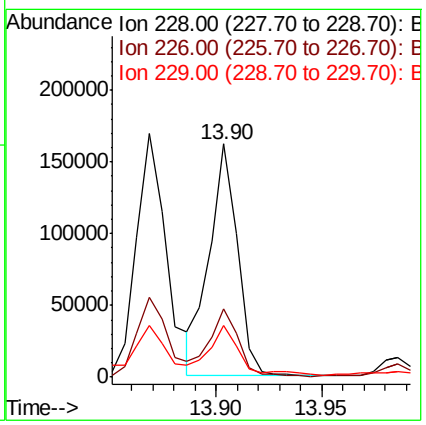


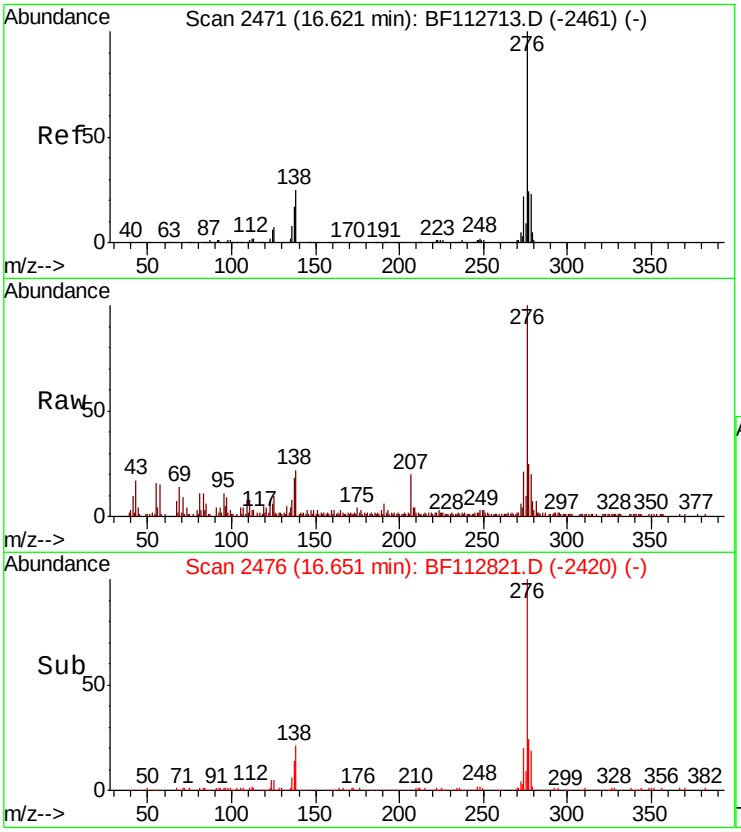


#83
Chrysene
Concen: 4.987 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:228 Resp: 150475

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.0	16.3	24.5



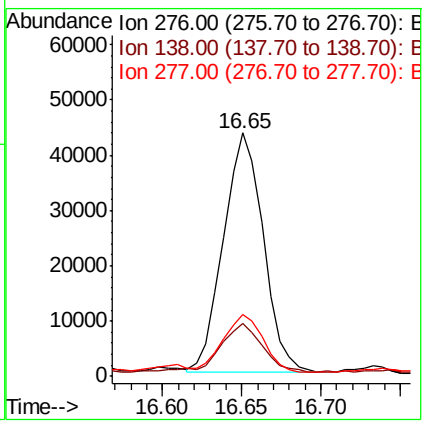


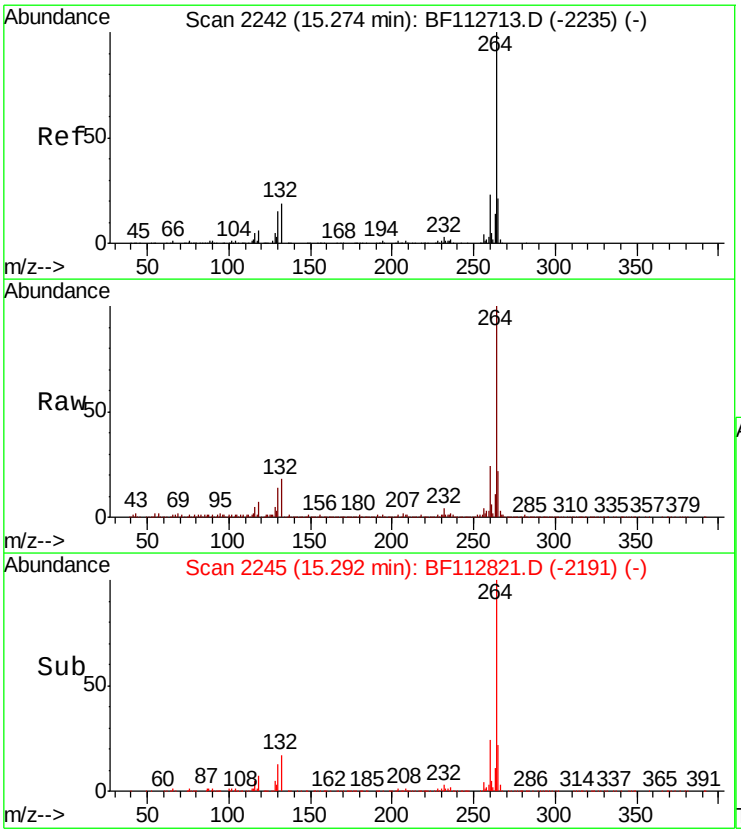
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.962 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.03 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:276 Resp: 76186

Ion	Ratio	Lower	Upper
276	100		
138	22.1	23.2	34.8#
277	24.0	19.9	29.9

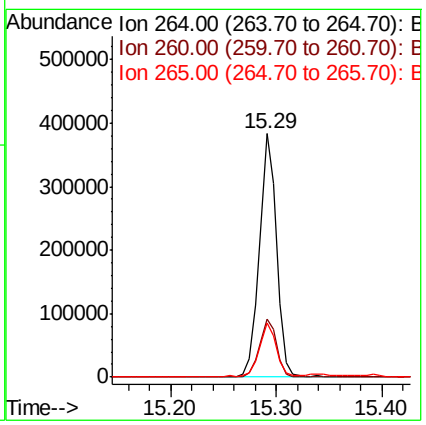


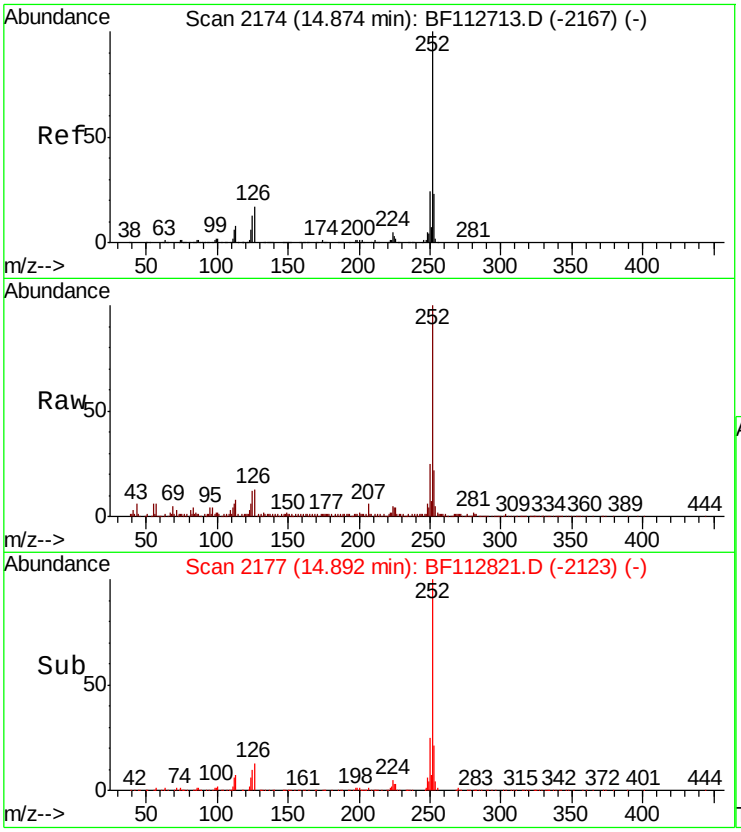


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:264 Resp: 443918

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.3	17.2	25.8



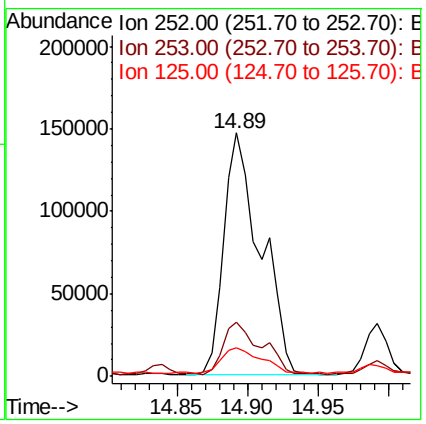


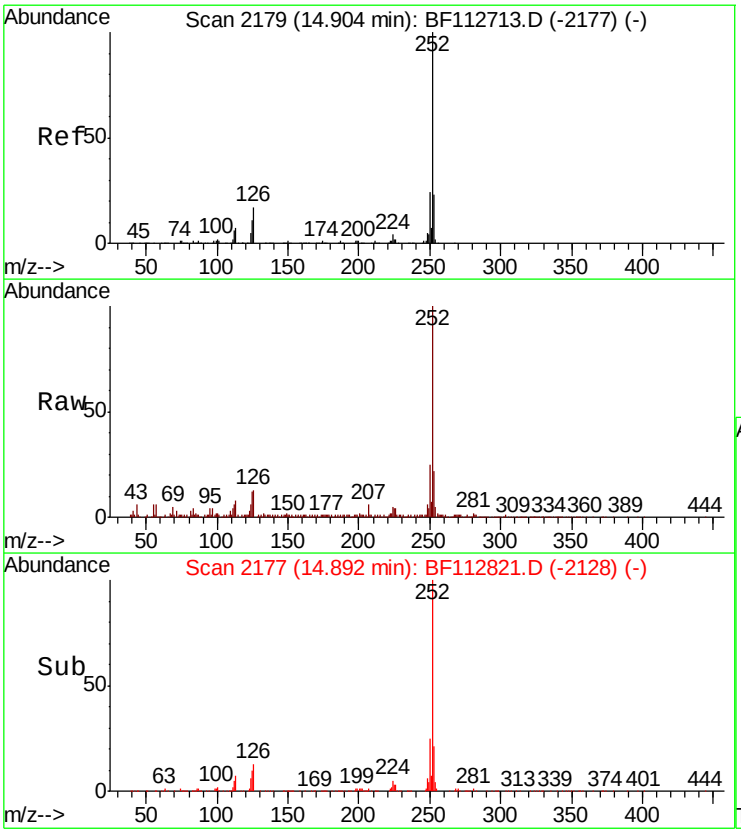
#88
Benzo(b)fluoranthene
Concen: 9.325 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:252 Resp: 267767

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.7	10.2	15.2

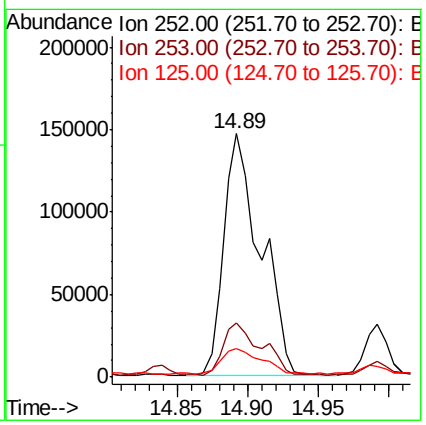


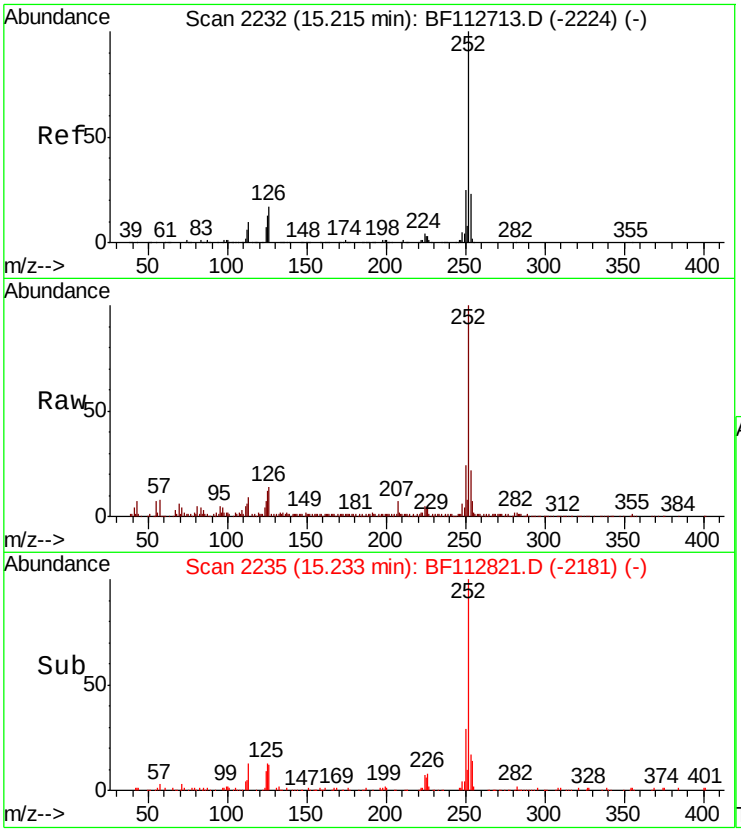


#89
Benzo(k)fluoranthene
Concen: 10.295 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:252 Resp: 267767

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.7	9.8	14.6



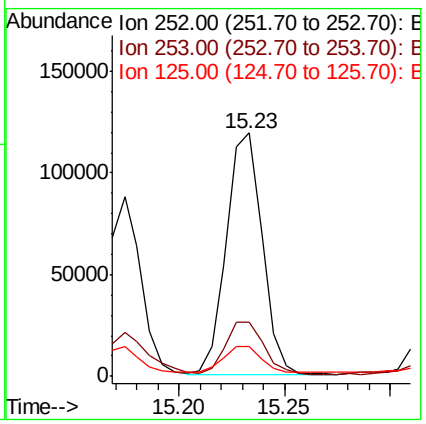


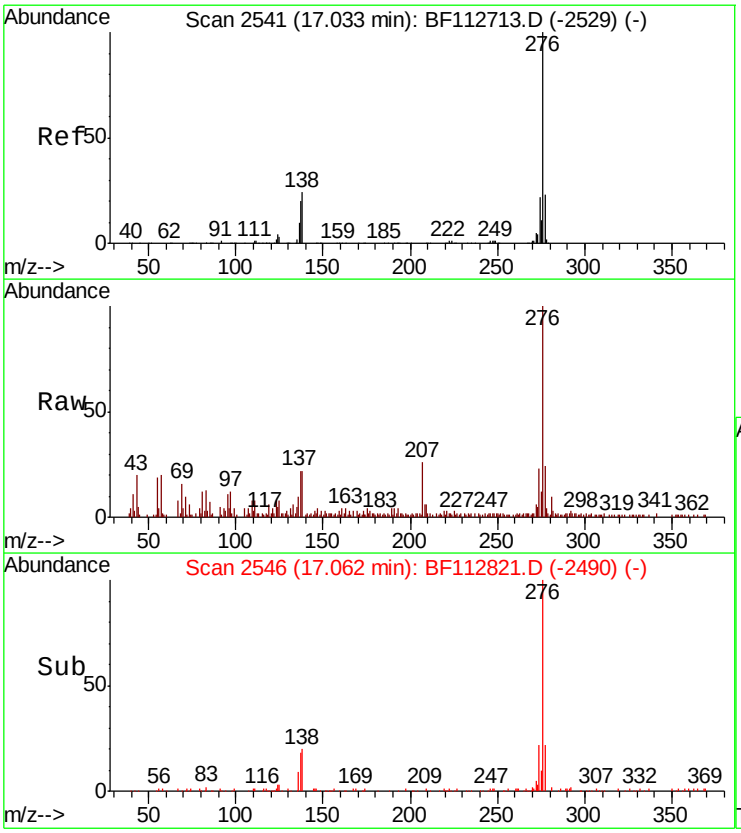
#90
Benzo(a)pyrene
Concen: 5.464 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:252 Resp: 138782

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.3	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 3.106 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.03 min
Lab File: BF112821.D
Acq: 4 Mar 2019 13:50

Tgt Ion:276 Resp: 67587

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	21.9	19.4	29.0