Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118387.D
Acq On : 30 Dec 2019 18:09
Operator : JU
Sample : K6456-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 31 00:39:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138014	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	537808	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	297200	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	579100	20.00	ng		0.00
76) Chrysene-d12	14.05	240	415997	20.00	ng		0.00
87) Perylene-d12	15.54	264	367823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	742763	91.87	ng		0.01
7) Phenol-d6	6.49	99	940582	93.78	ng		0.00
23) Nitrobenzene-d5	7.42	82	570788	60.70	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	344353	93.82	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1211528	62.23	ng		0.00
79) Terphenyl-d14	12.99	244	1583370	63.15	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	77120	12.481	ng	#	76
25) Isophorone	7.42	82	570785	34.830	ng	#	62
50) Dimethylphthalate	9.62	163	78484	3.518	ng		99
51) 2,6-Dinitrotoluene	9.90	165	38543	8.014	ng	#	27
57) 2,4-Dinitrotoluene	9.90	165	38543	5.997	ng	#	30
67) 4-Bromophenyl-phenylether	10.70	248	20387	3.008	ng	#	1
71) Phenanthrene	11.42	178	153490	4.862	ng		98
75) Fluoranthene	12.62	202	267738	8.403	ng		99
78) Pyrene	12.85	202	257462	7.579	ng		99
81) Benzo(a)anthracene	14.04	228	124868	4.288	ng		99
83) Chrysene	14.07	228	101536	3.642	ng		97
86) Indeno(1,2,3-cd)pyrene	17.05	276	52817	2.223	ng		94
88) Benzo(b)fluoranthene	15.10	252	156762	6.420	ng		98
89) Benzo(k)fluoranthene	15.10	252	156762	6.687	ng		98
90) Benzo(a)pyrene	15.47	252	85817	3.990	ng		97
92) Benzo(g,h,i)perylene	17.51	276	50413	2.796	ng		97

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

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QLast Update : Tue Dec 24 15:58:52 2019
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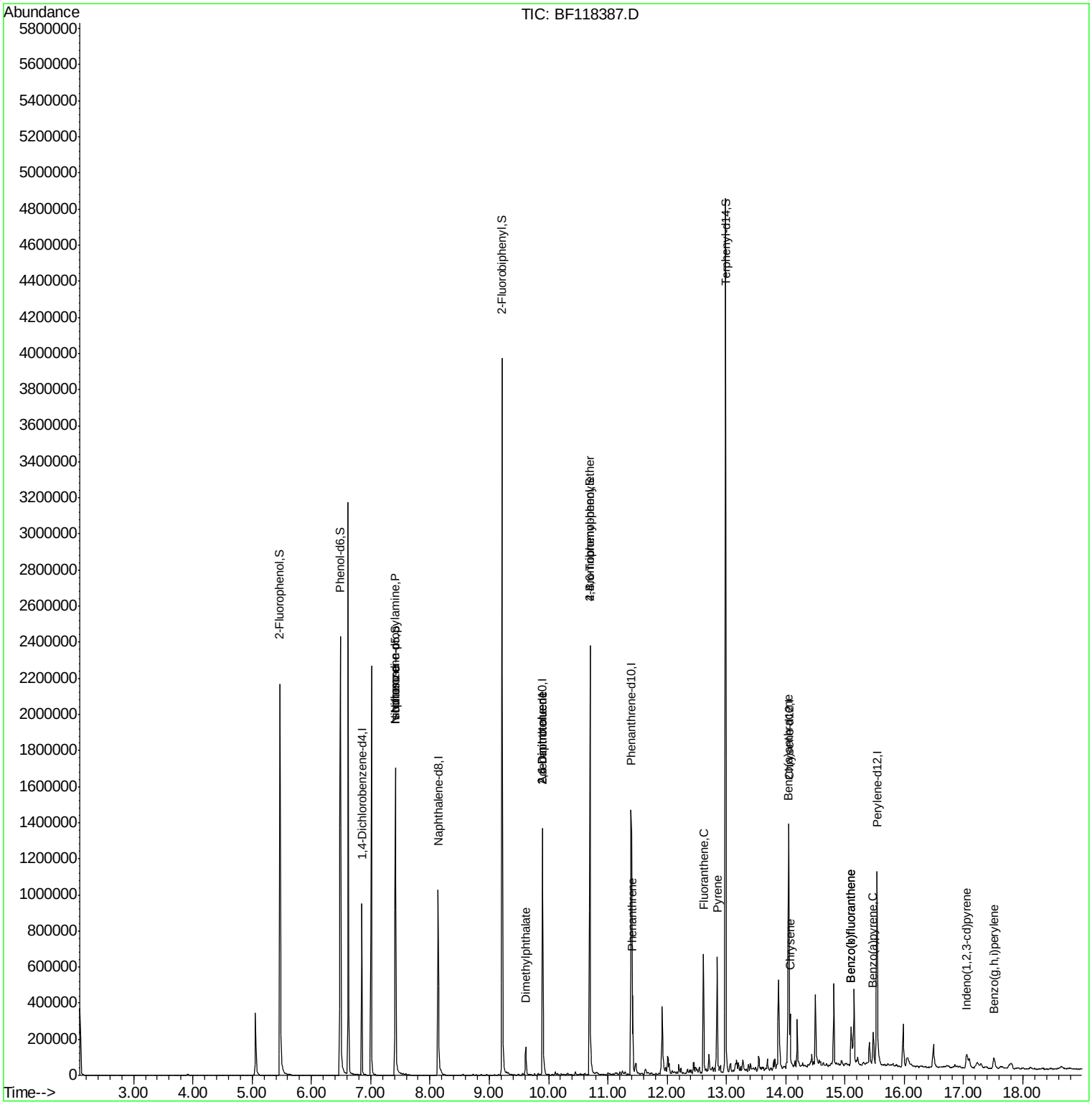
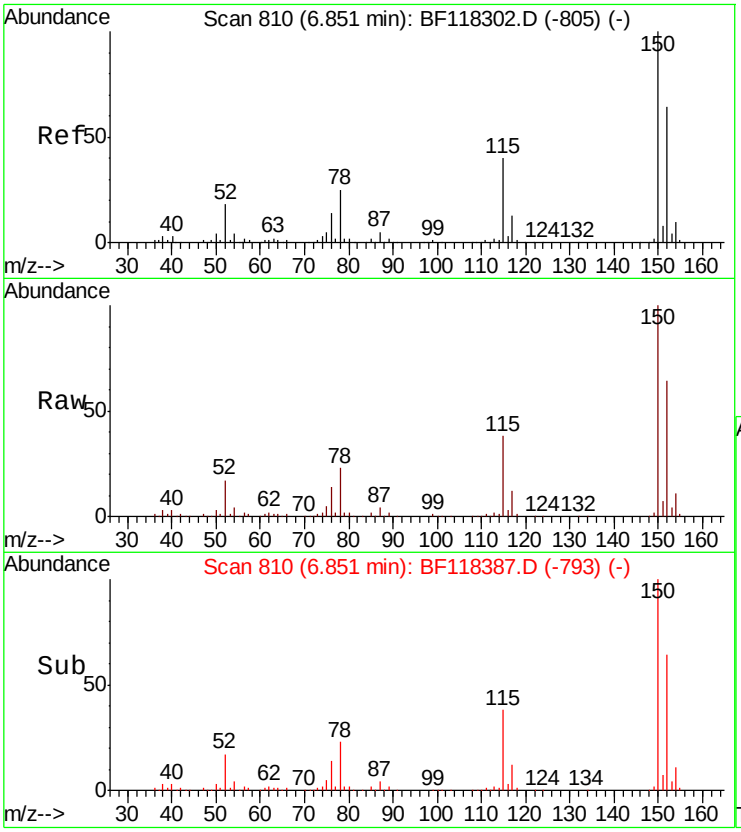


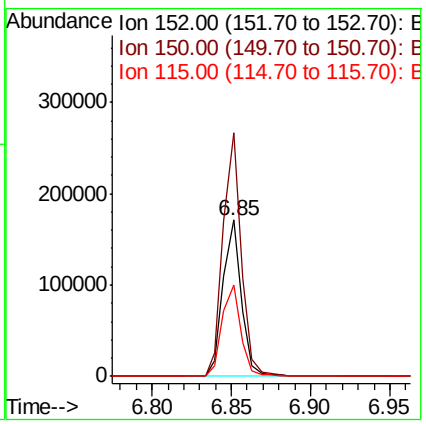


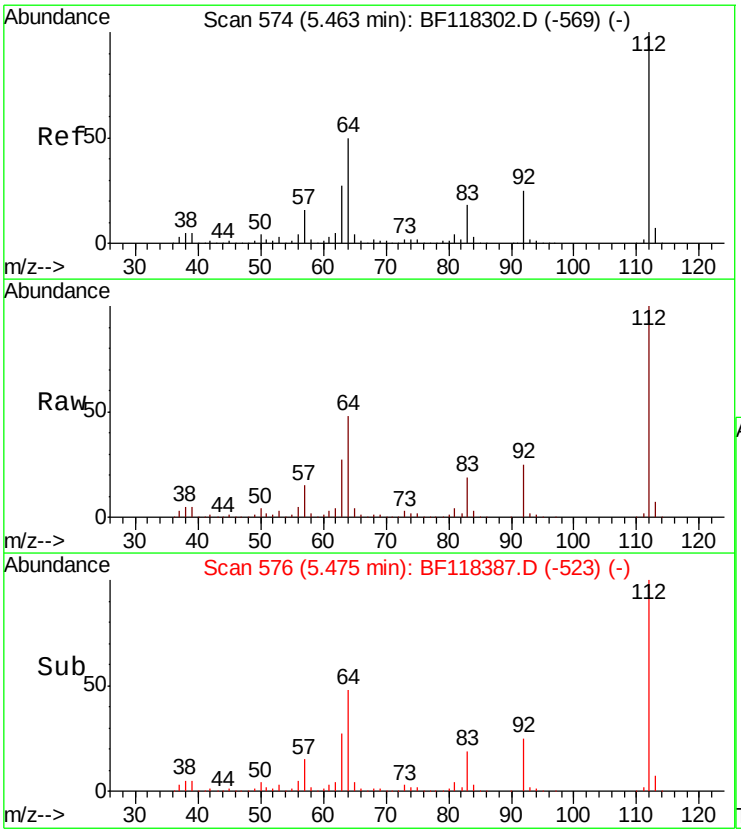
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138014

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.4	188.2
115	58.8	50.2	75.4

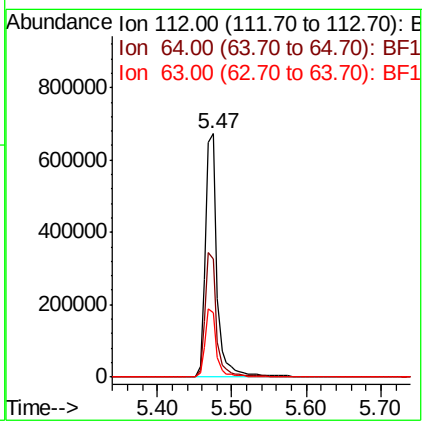


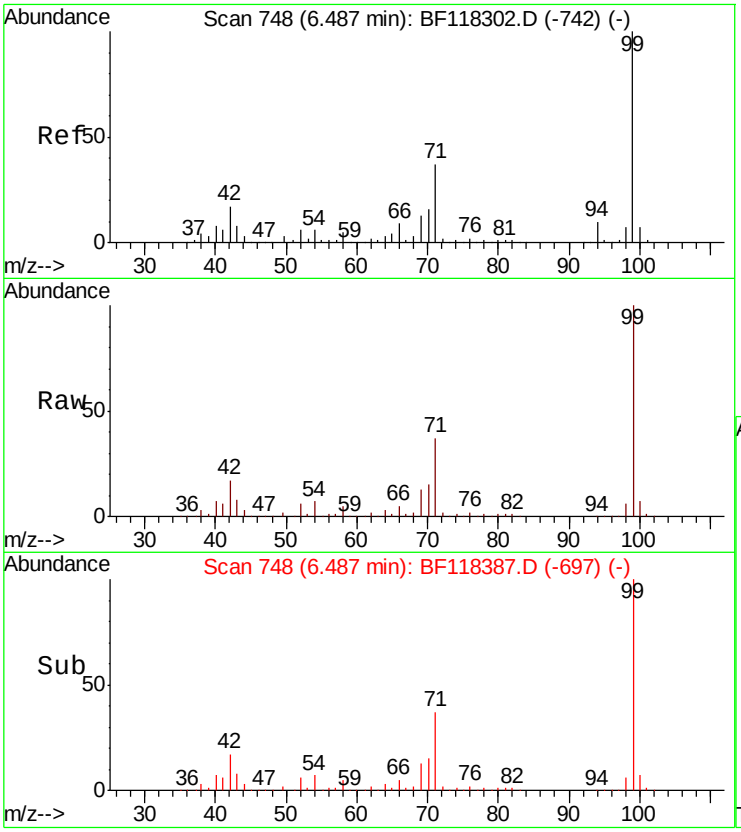


#5
2-Fluorophenol
Concen: 91.867 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:112 Resp: 742763

Ion	Ratio	Lower	Upper
112	100		
64	48.3	39.7	59.5
63	26.7	21.7	32.5



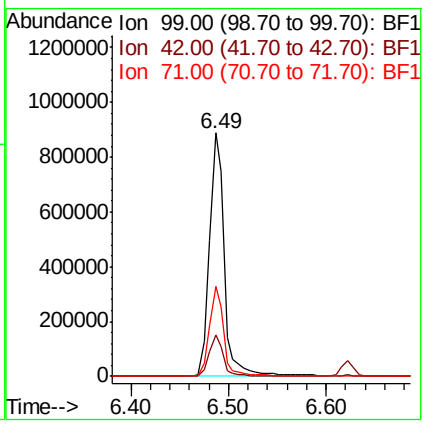


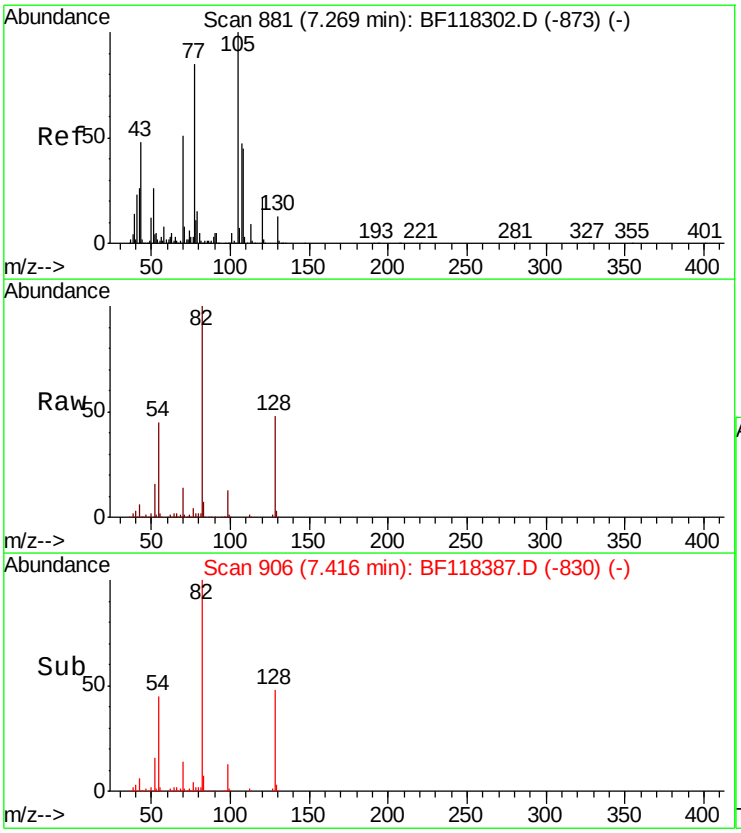
#7
Phenol-d6
Concen: 93.777 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 940582

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	37.0	29.4	44.2

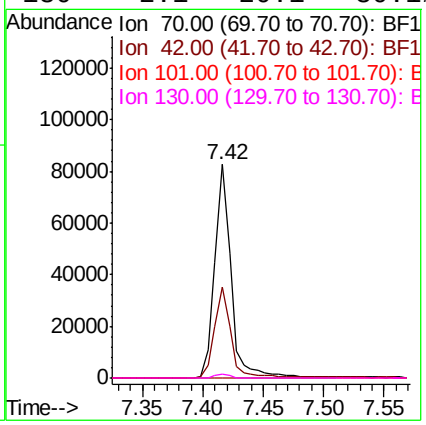


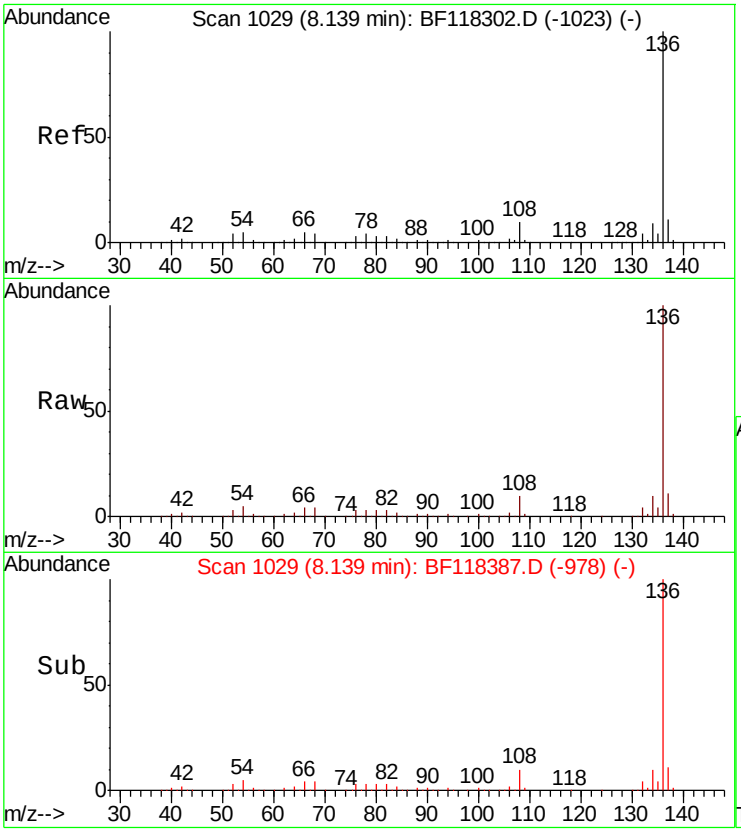


#19
n-Nitroso-di-n-propylamine
Concen: 12.481 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion: 70 Resp: 77120

Ion	Ratio	Lower	Upper
70	100		
42	42.4	41.1	61.7
101	0.0	8.3	12.5#
130	2.1	20.1	30.1#



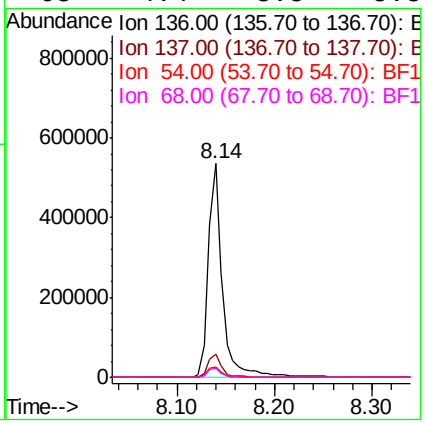


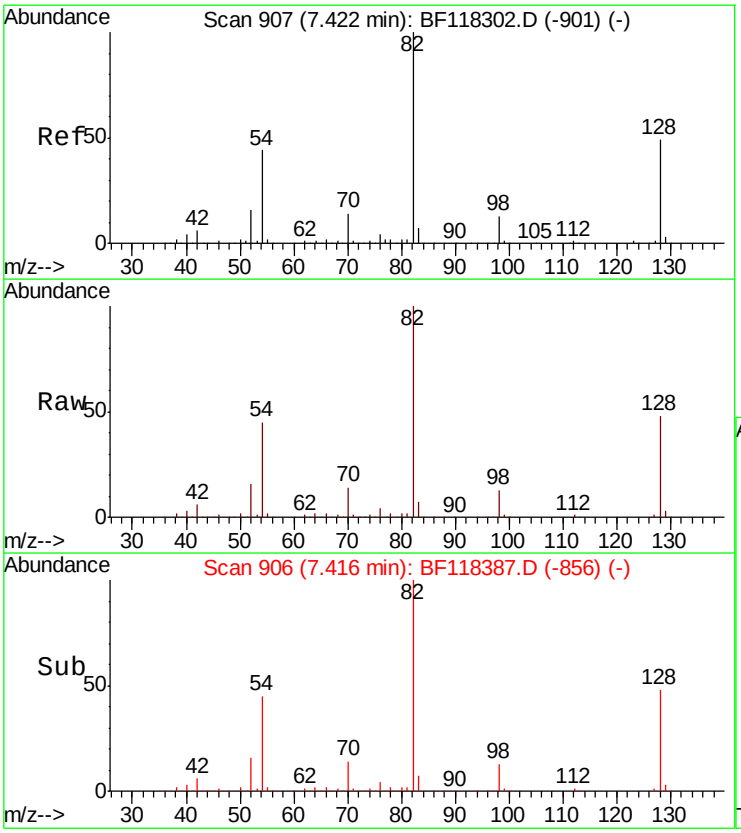
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 537808

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.1	4.2	6.4
68	4.4	3.5	5.3

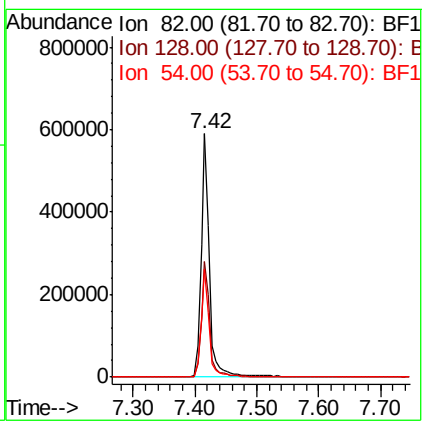


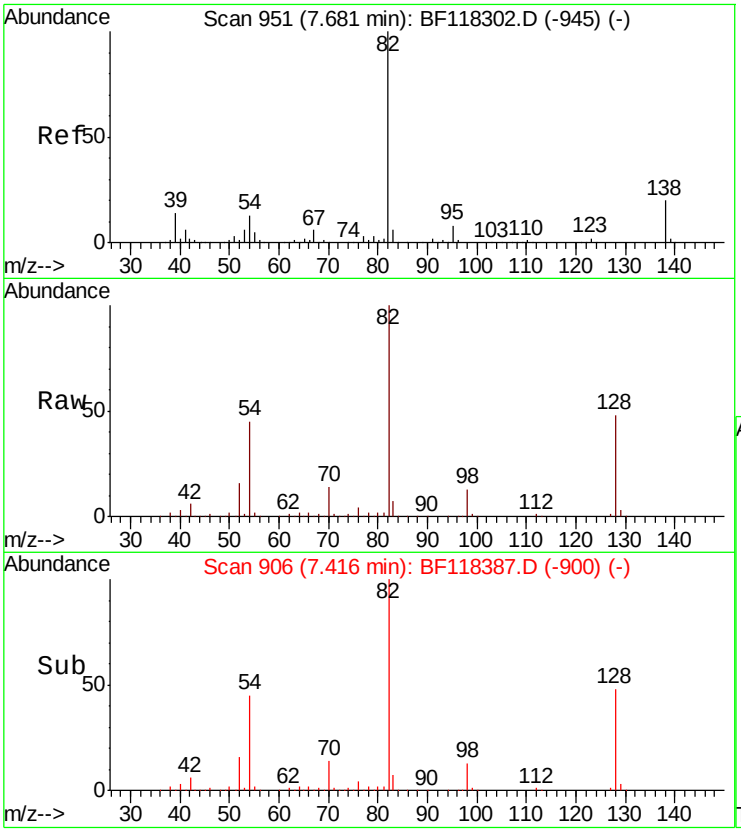


#23
Nitrobenzene-d5
Concen: 60.702 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion: 82 Resp: 570788

Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.6	59.4
54	44.6	34.9	52.3



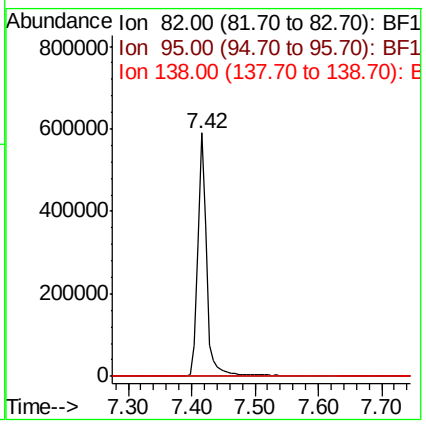


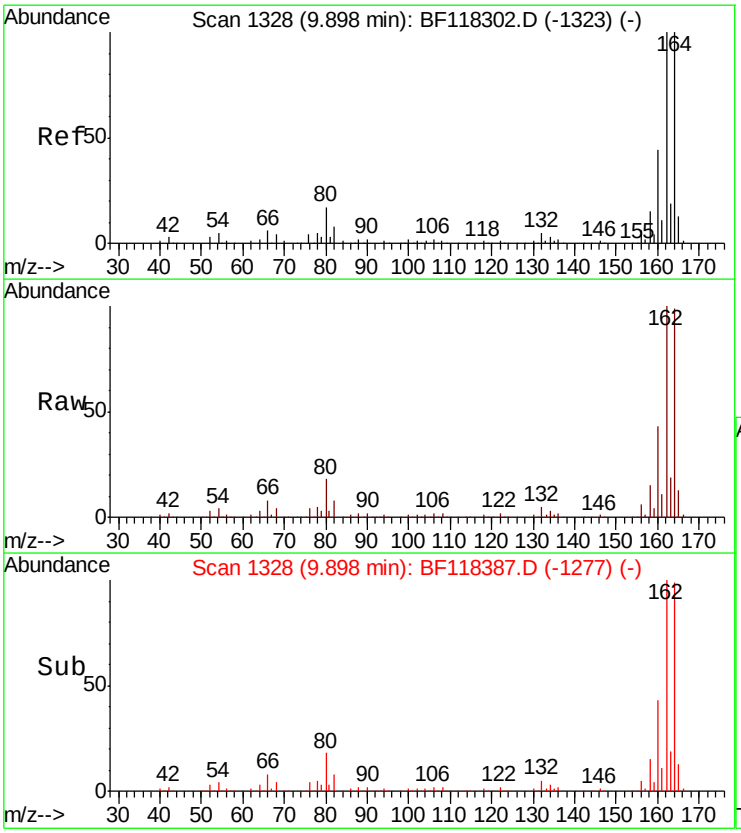
#25
Isophorone
Concen: 34.830 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 570785

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#

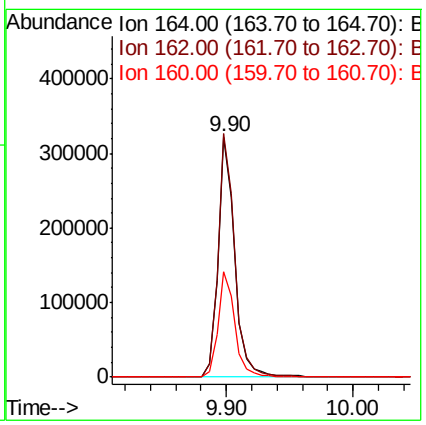


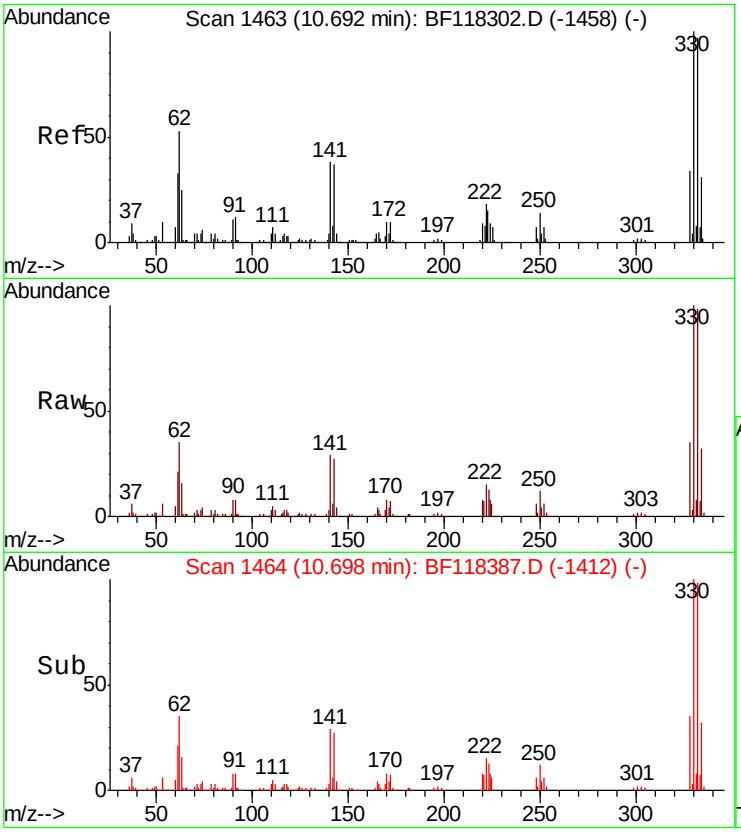


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:164 Resp: 297200

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.0	120.0
160	44.0	34.8	52.2



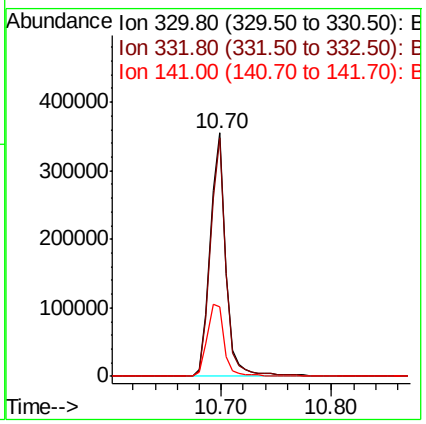


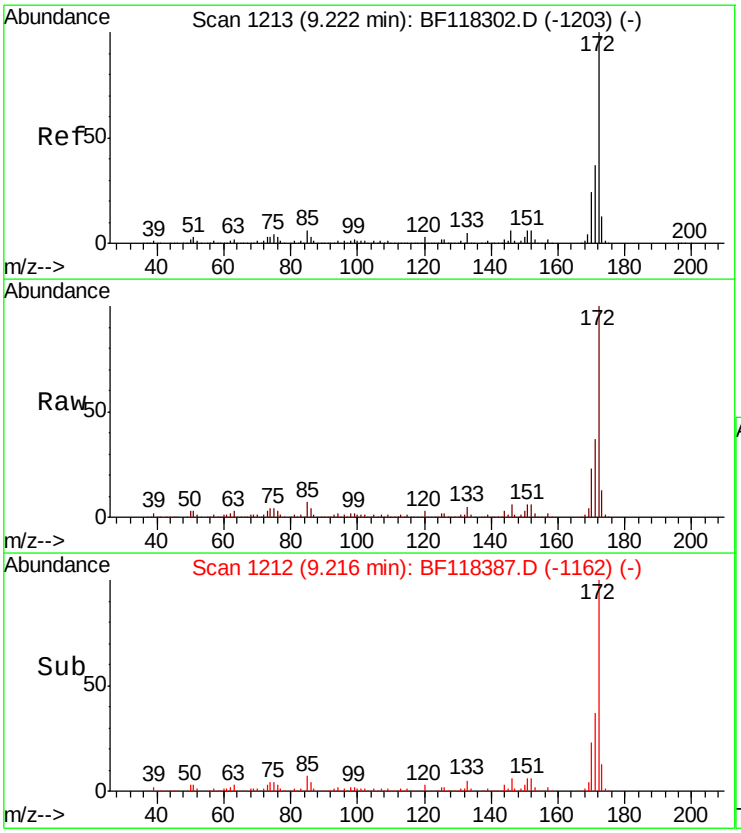
#42
2,4,6-Tribromophenol
Concen: 93.824 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 344353

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	32.7	26.0	39.0

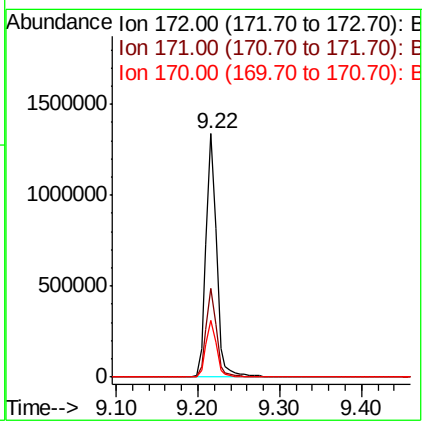


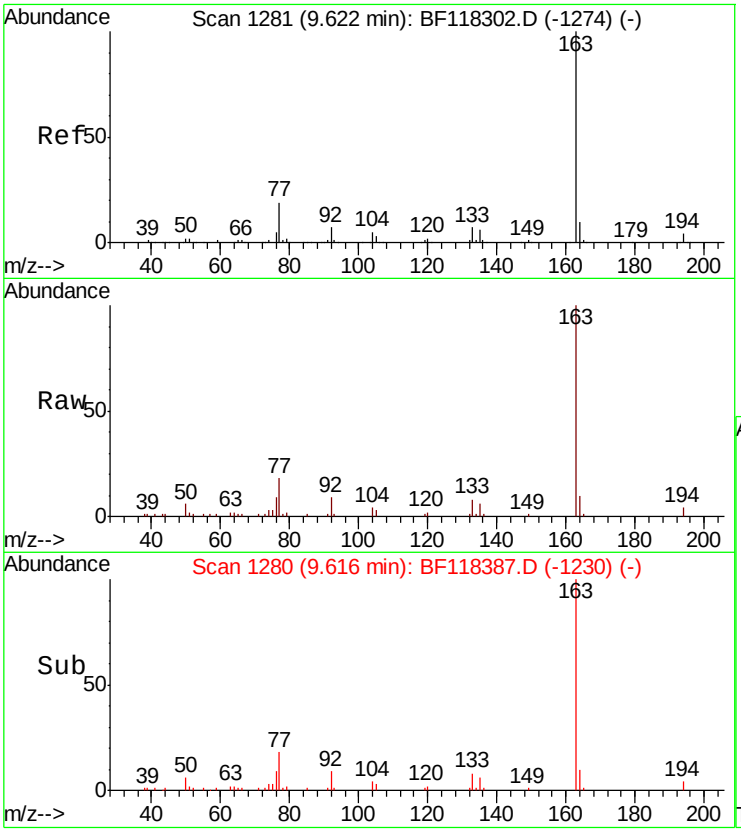


#45
2-Fluorobiphenyl
Concen: 62.226 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:172 Resp: 1211528

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	23.5	19.2	28.8

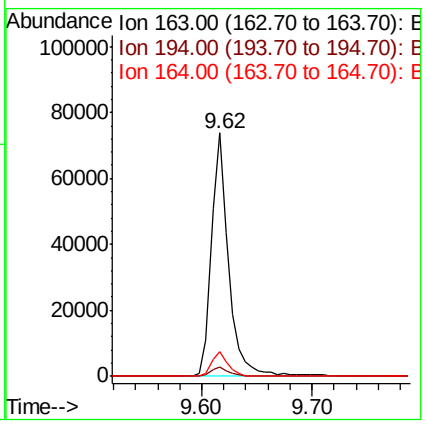




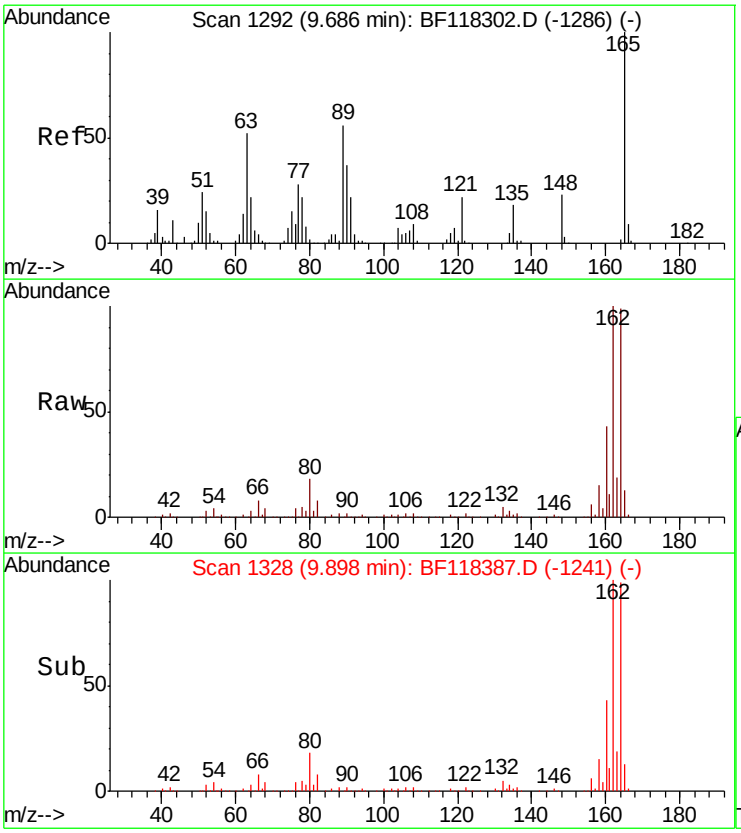
#50
Dimethylphthalate
Concen: 3.518 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:163 Resp: 78484

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	7.9	11.9



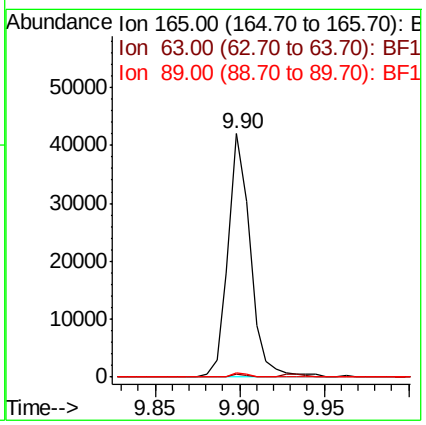
Instrument :
BNA_F
ClientSampleId :

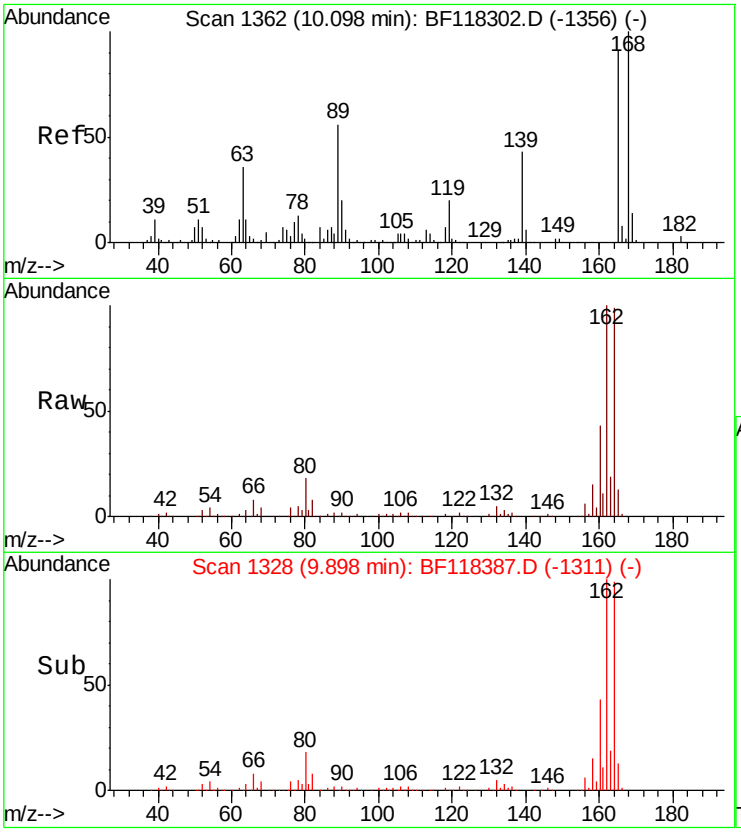


#51
2,6-Dinitrotoluene
Concen: 8.014 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:165 Resp: 38543

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.4#
89	1.6	44.4	66.6#



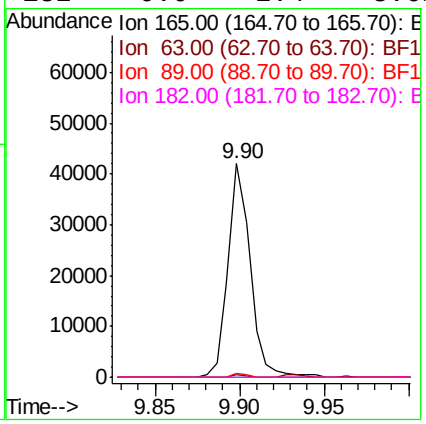


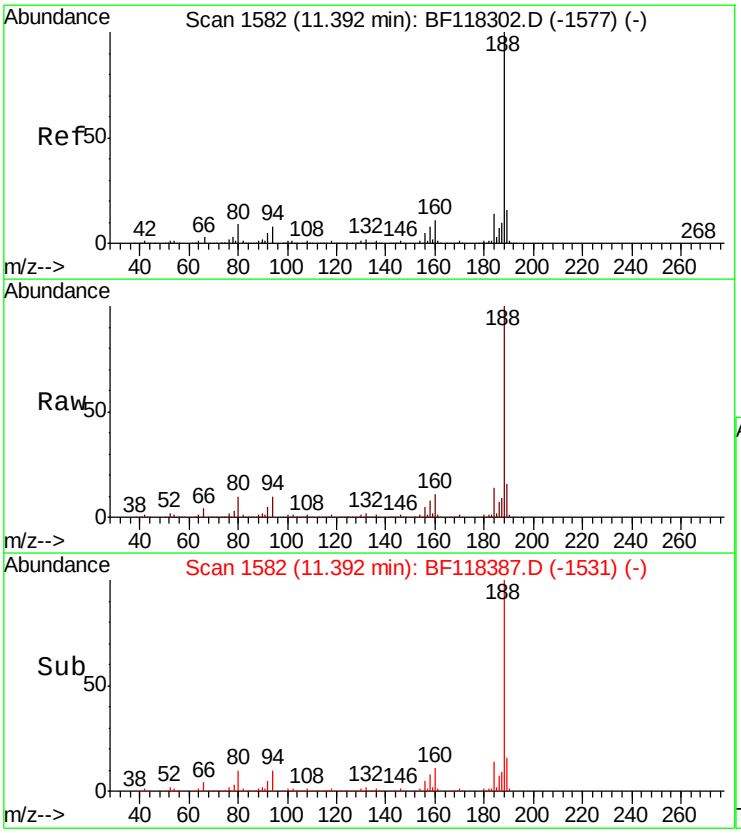
#57
2,4-Dinitrotoluene
Concen: 5.997 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38543

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.0	48.0#
89	1.6	49.3	73.9#
182	0.0	2.4	3.6#

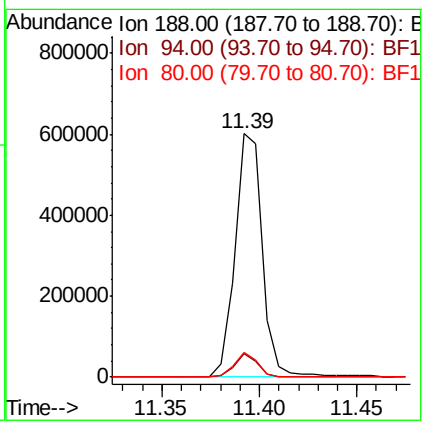


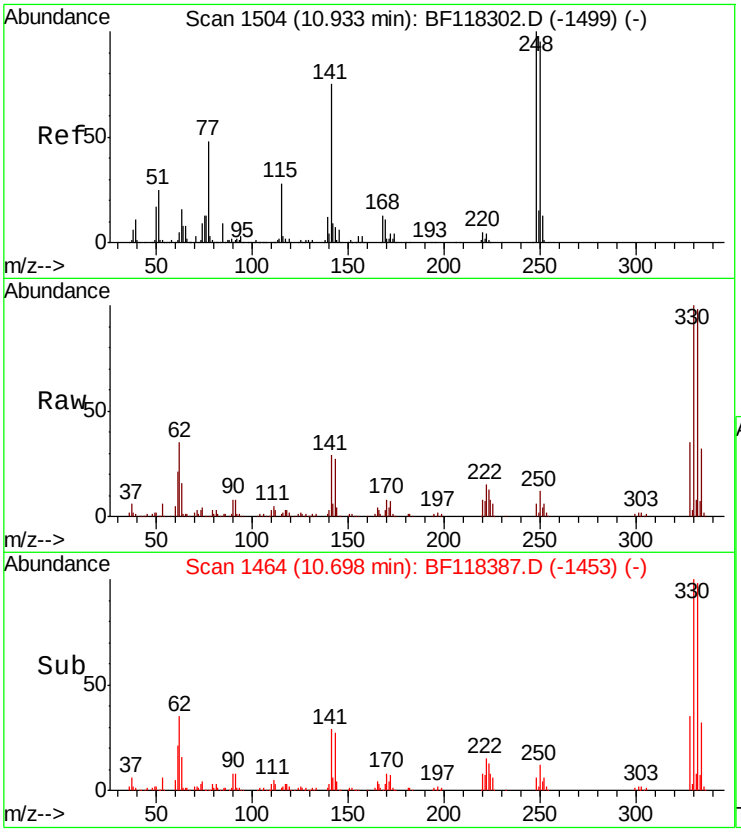


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:188 Resp: 579100

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.7	10.1
80	10.0	7.2	10.8



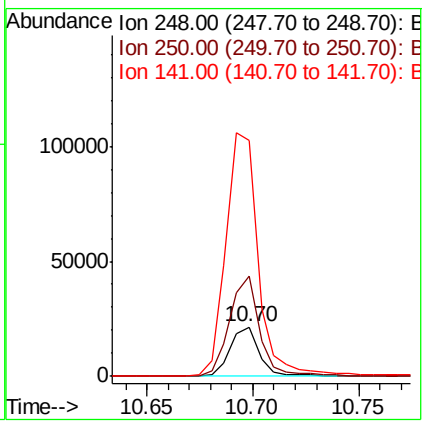


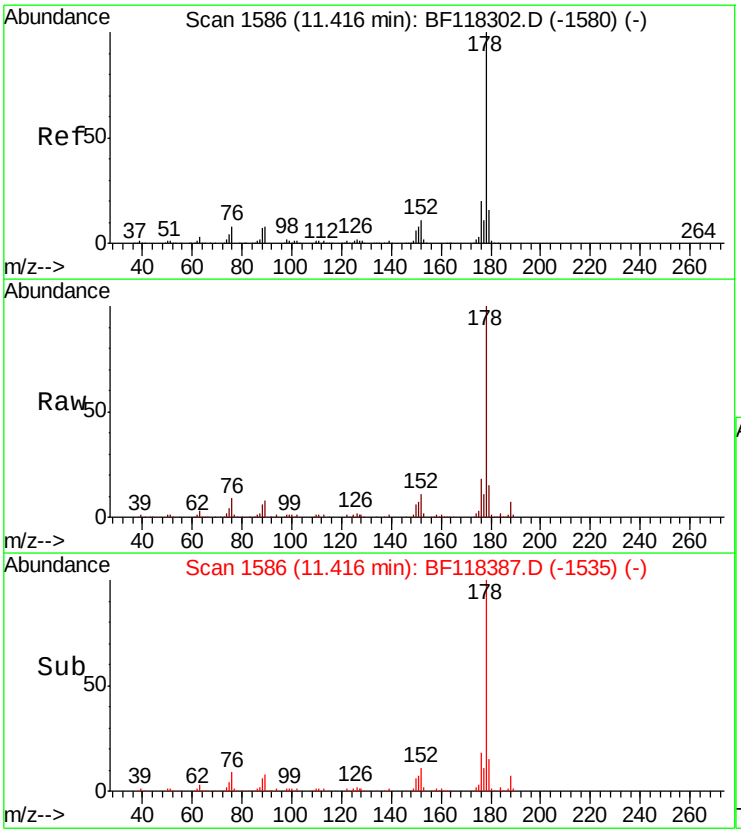
#67
4-Bromophenyl-phenylether
Concen: 3.008 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 20387

Ion	Ratio	Lower	Upper
248	100		
250	202.6	76.4	114.6#
141	478.1	60.2	90.2#

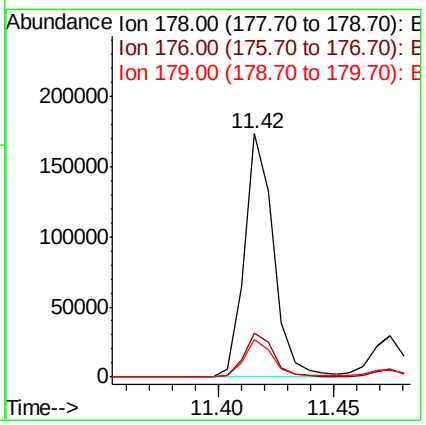


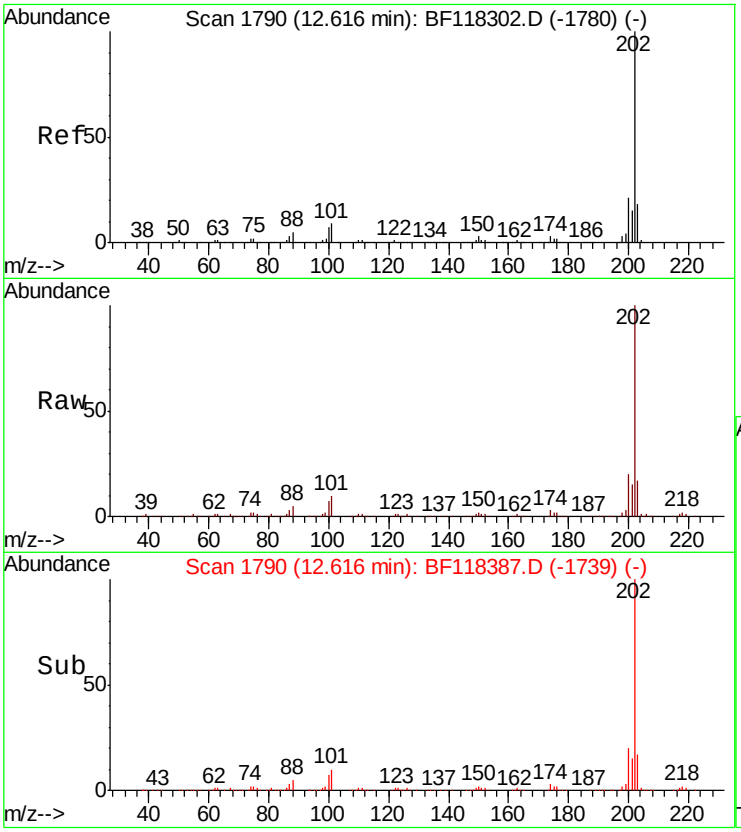


#71
Phenanthrene
Concen: 4.862 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:178 Resp: 153490

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.3	12.6	19.0



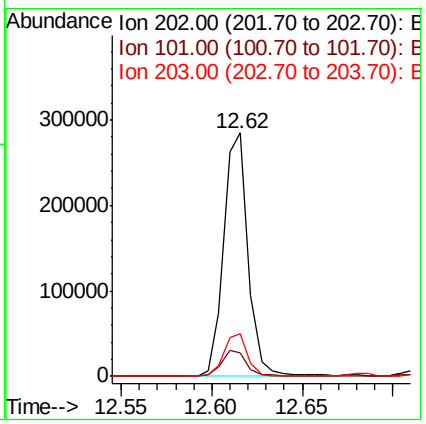


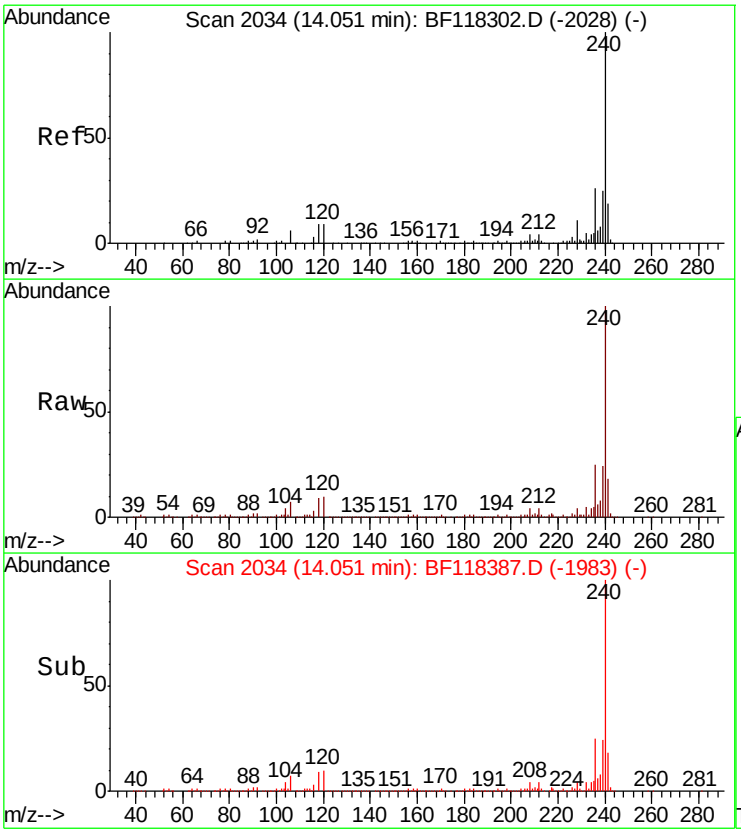
#75
Fluoranthene
Concen: 8.403 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 267738

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.5
203	17.4	0.0	37.6

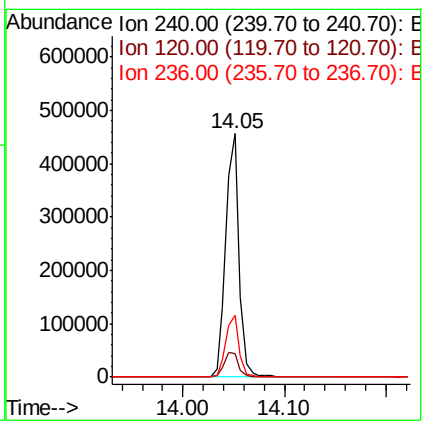


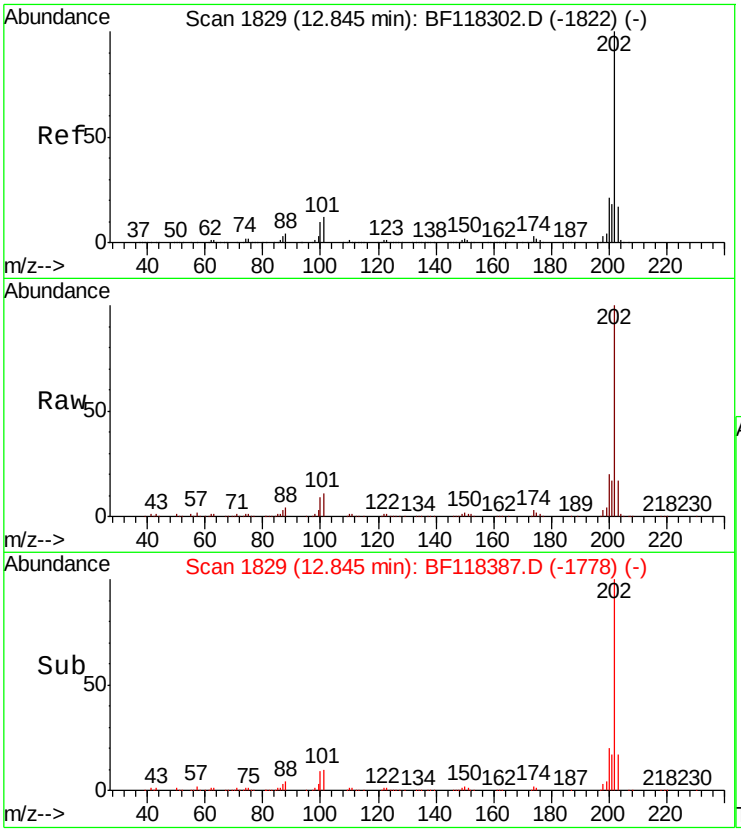


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:240 Resp: 415997

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.1	10.7
236	25.3	21.0	31.6



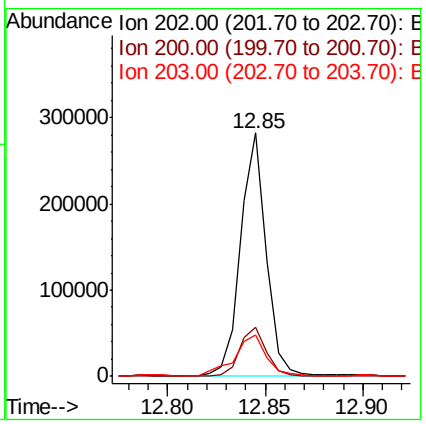


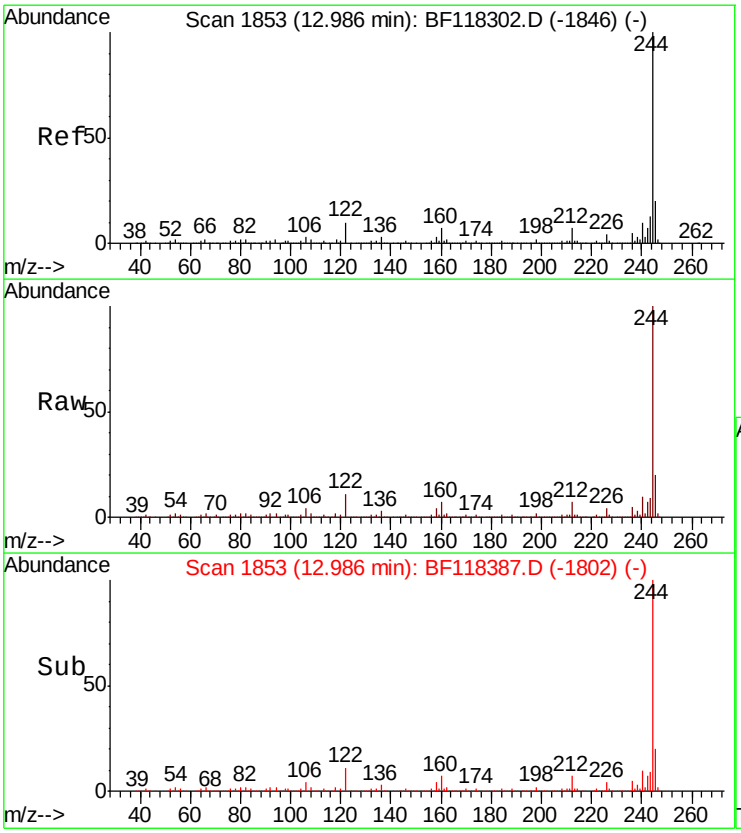
#78
Pyrene
Concen: 7.579 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 257462

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	17.0	13.9	20.9

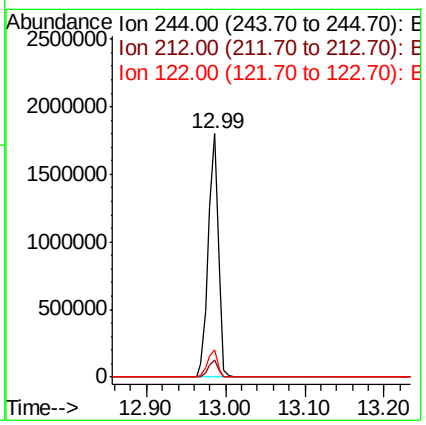


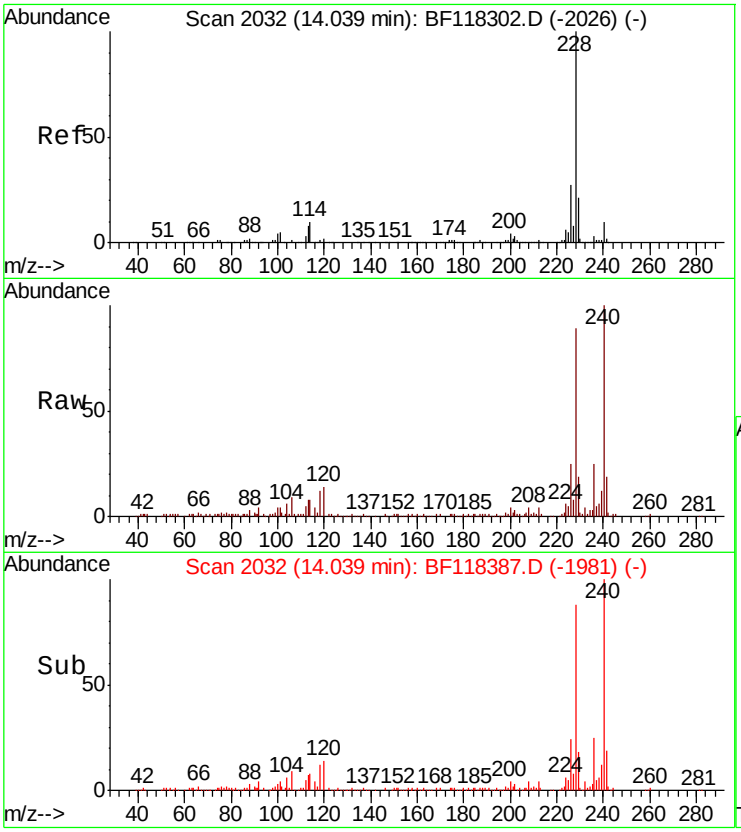


#79
Terphenyl-d14
Concen: 63.146 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:244 Resp: 1583370

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.3	7.8	11.8



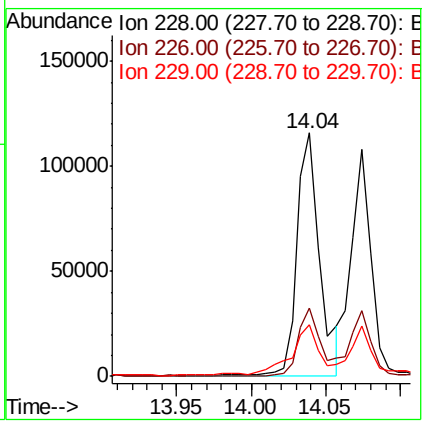


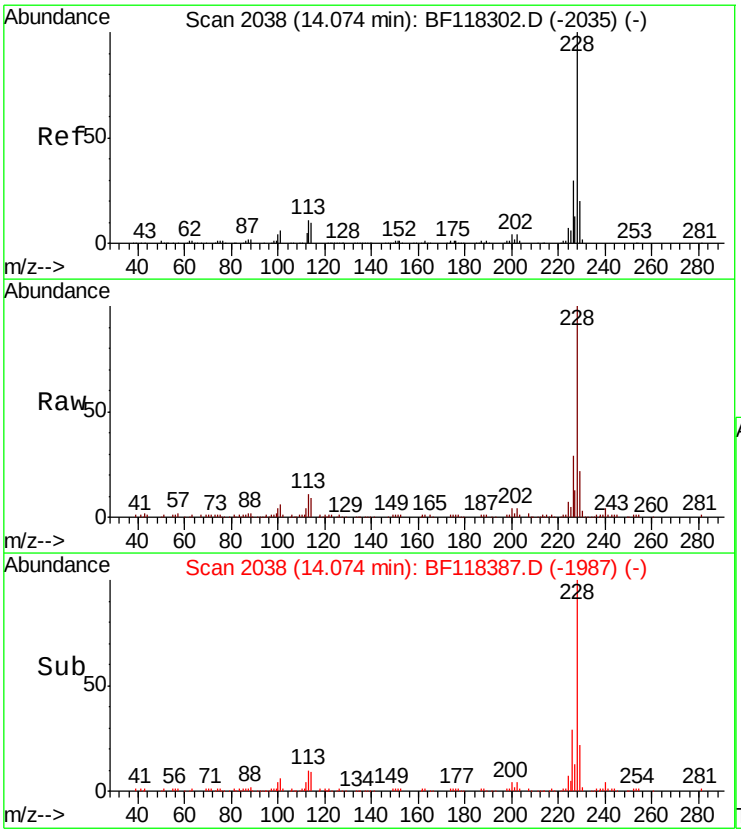
#81
Benzo(a)anthracene
Concen: 4.288 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 124868

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	21.0	16.6	24.8

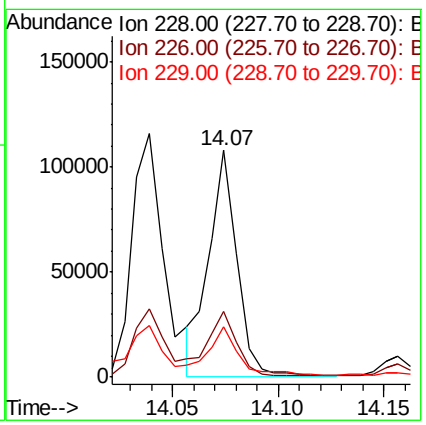


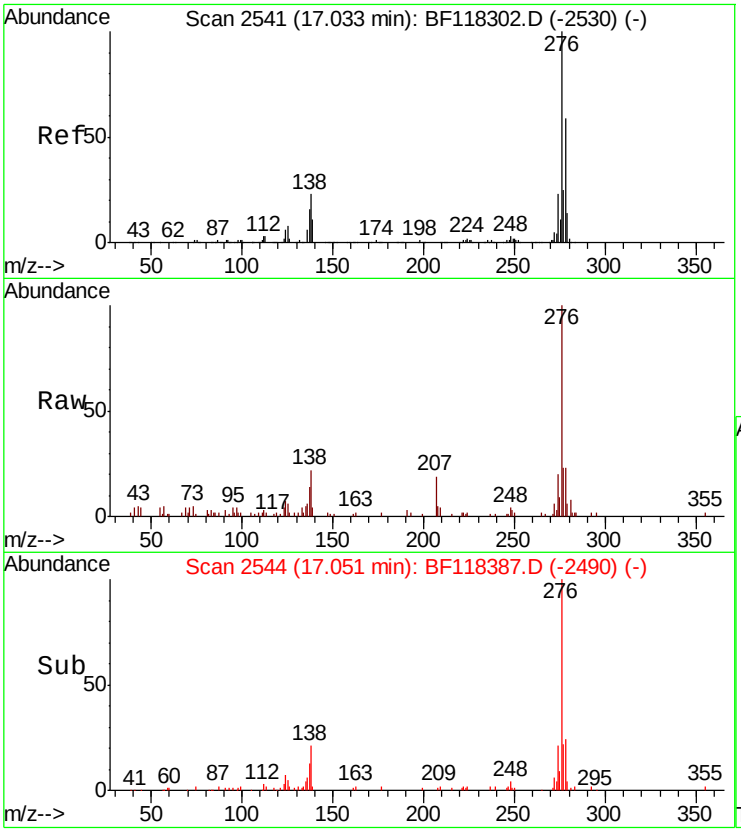


#83
Chrysene
Concen: 3.642 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:228 Resp: 101536

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	22.4	16.1	24.1



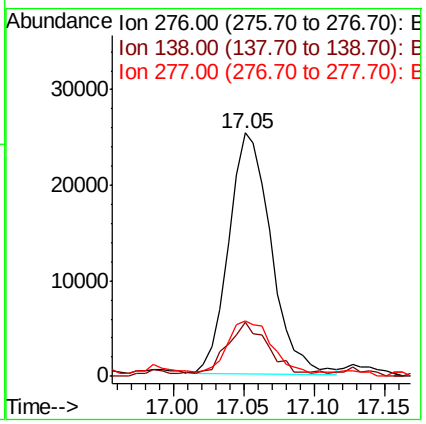


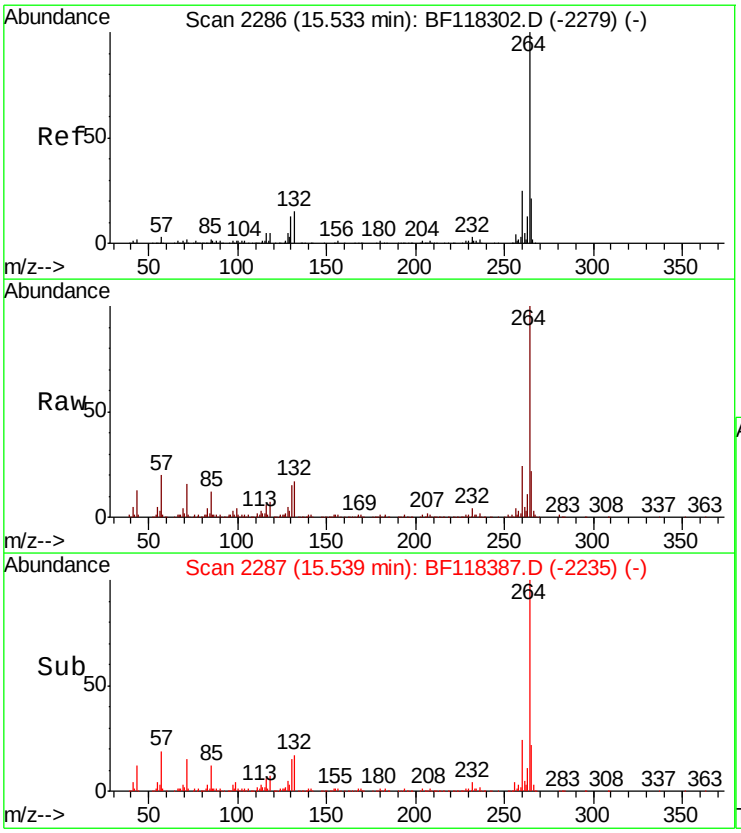
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.223 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 52817

Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.5	29.3
277	22.9	20.6	30.8

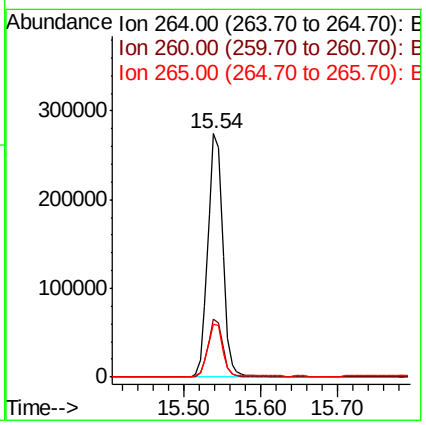


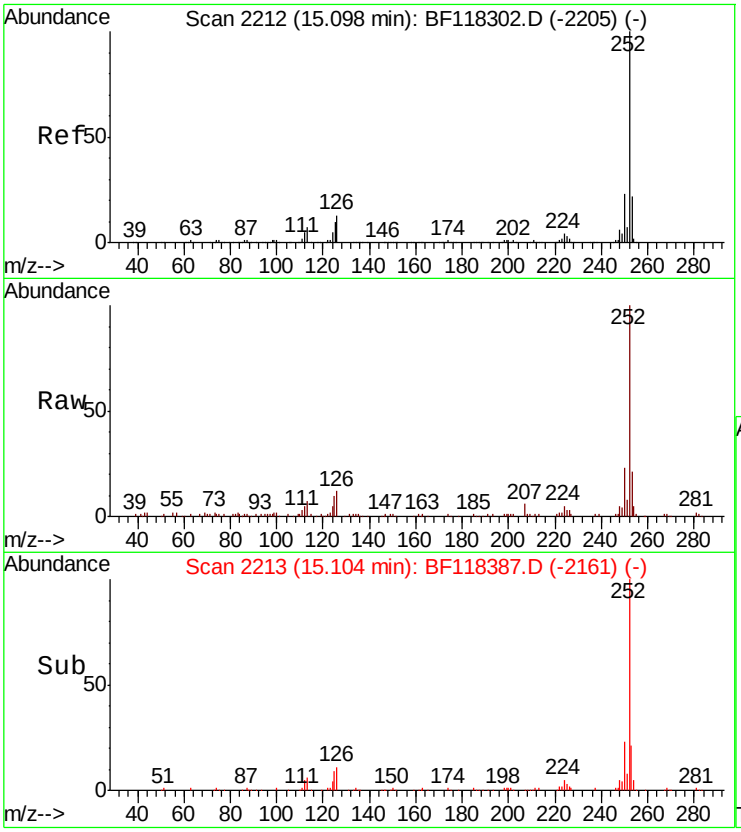


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:264 Resp: 367823

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.9	17.0	25.4



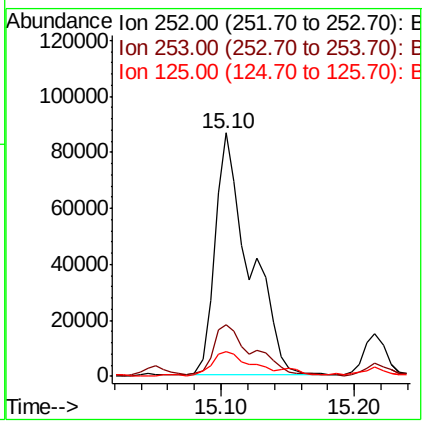


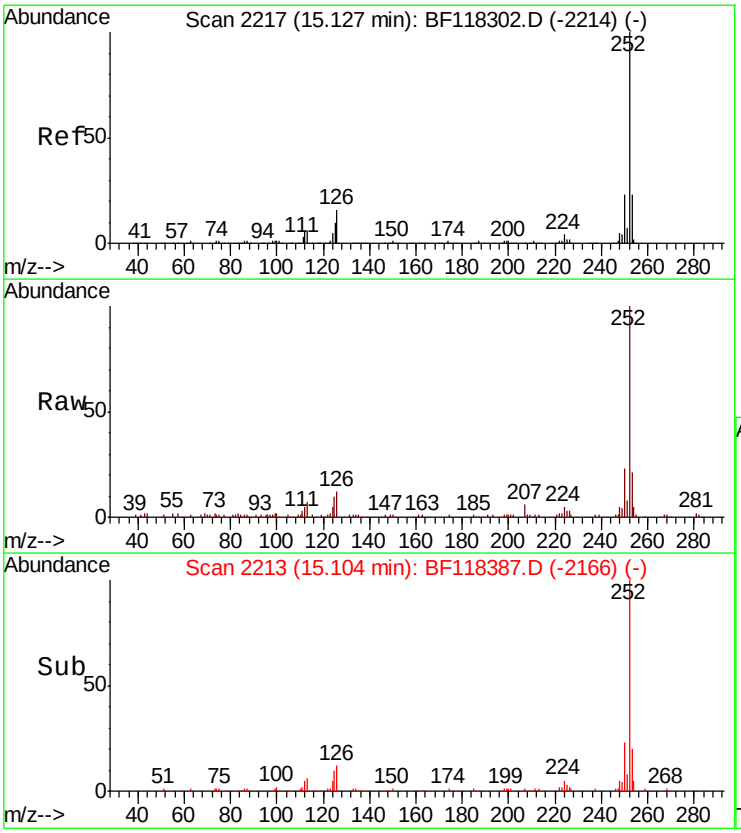
#88
Benzo(b)fluoranthene
Concen: 6.420 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 156762

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	10.1	7.7	11.5

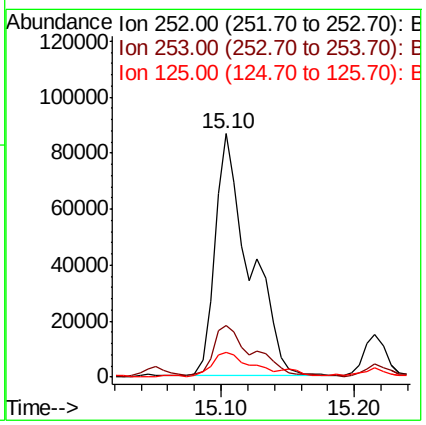


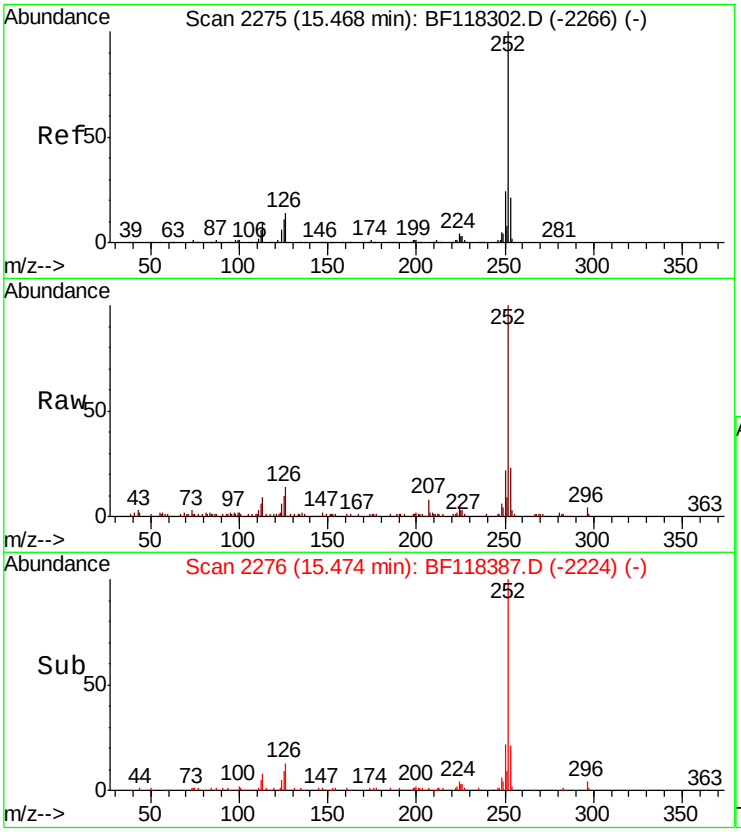


#89
Benzo(k)fluoranthene
Concen: 6.687 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:252 Resp: 156762

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.0	27.0
125	10.1	8.0	12.0



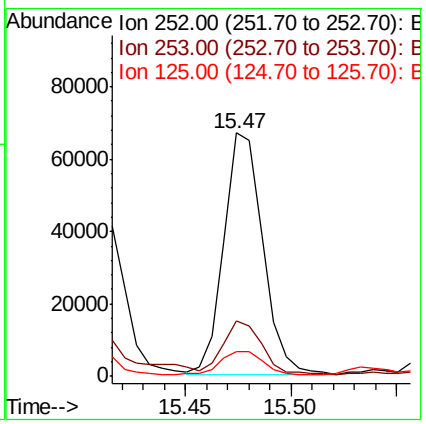


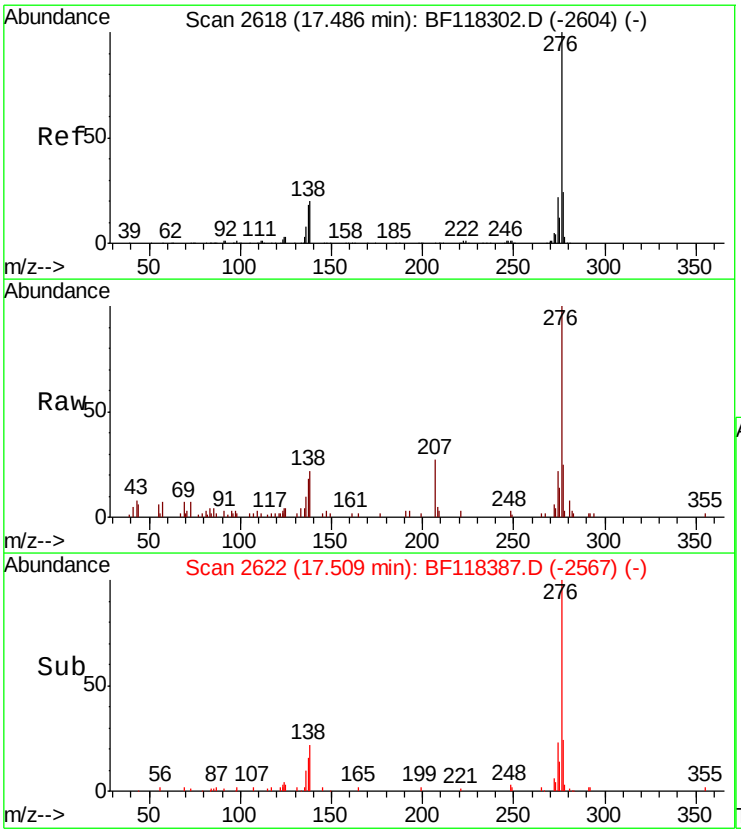
#90
Benzo(a)pyrene
Concen: 3.990 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 85817

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	10.2	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 2.796 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.02 min
Lab File: BF118387.D
Acq: 30 Dec 2019 18:09

Tgt Ion:276 Resp: 50413

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	21.7	16.1	24.1