Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113862.D
Acq On : 19 Apr 2019 16:55
Operator : JU/SJ
Sample : K2202-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-041819-B

Quant Time: Apr 19 23:23:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194141	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	671877	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	302102	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	550756	20.00	ng		0.02
76) Chrysene-d12	14.20	240	501355	20.00	ng		0.16
87) Perylene-d12	15.94	264	392808	20.00	ng		0.44
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	586837	50.26	ng		0.01
7) Phenol-d6	6.52	99	749474	51.47	ng		0.00
23) Nitrobenzene-d5	7.46	82	406394	36.83	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	174532	52.29	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	696445	35.16	ng		0.00
79) Terphenyl-d14	13.04	244	729778	30.52	ng		0.04
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	1037	Below Cal		#	3
19) n-Nitroso-di-n-propylamine	7.46	70	54064	5.563	ng	#	75
25) Isophorone	7.46	82	406391	17.790	ng	#	65
32) Benzoic acid	7.86	122	242	5.960	ng	#	75
50) Dimethylphthalate	9.65	163	77740	3.677	ng		100
51) 2,6-Dinitrotoluene	9.94	165	39814	8.533	ng	#	33
57) 2,4-Dinitrotoluene	9.94	165	39814	6.878	ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	107	6.967	ng	#	1
71) Phenanthrene	11.45	178	84928	3.028	ng		98
75) Fluoranthene	12.65	202	160482	5.398	ng		96
78) Pyrene	12.89	202	177239	5.016	ng		97
81) Benzo(a)anthracene	14.19	228	94753	3.233	ng		94
83) Chrysene	14.23	228	83192	2.860	ng		98
88) Benzo(b)fluoranthene	15.47	252	124059	5.066	ng	#	93
90) Benzo(a)pyrene	15.87	252	69007	3.187	ng	#	90
92) Benzo(g,h,i)perylene	17.94	276	41659	2.127	ng	#	90

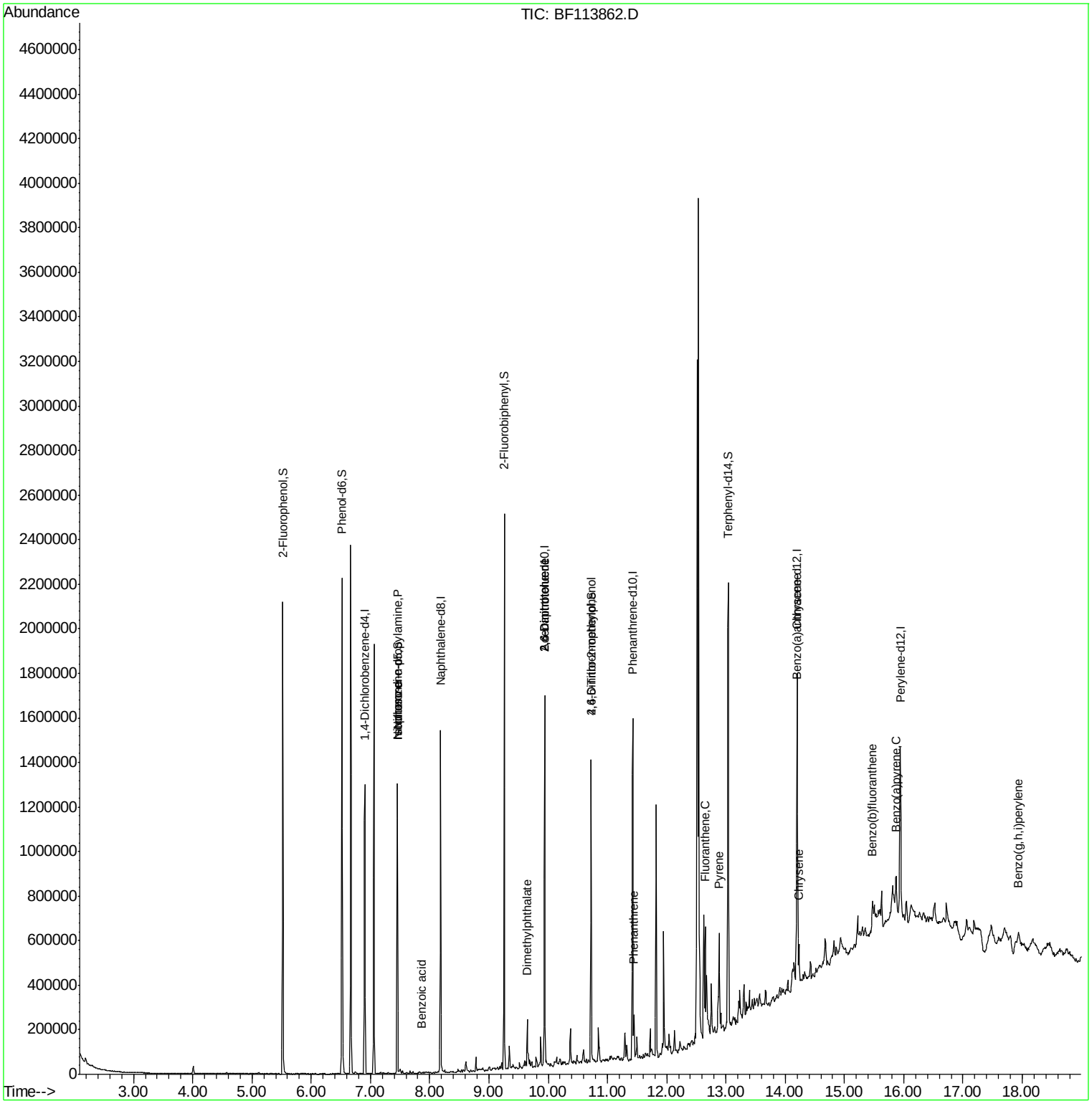
(#) = qualifier out of range (m) = manual integration (+) = signals summed

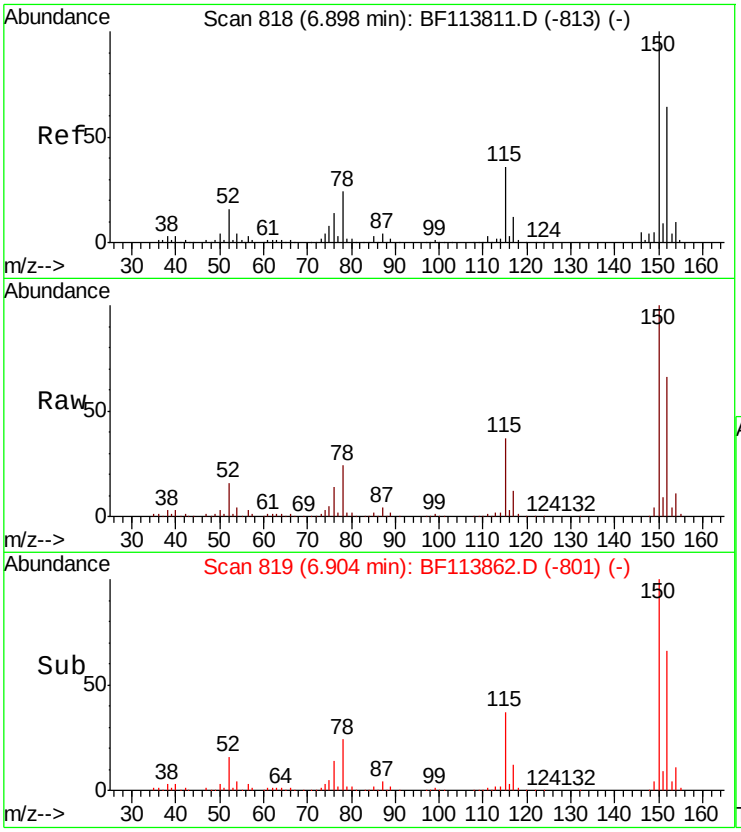
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113862.D
Acq On : 19 Apr 2019 16:55
Operator : JU/SJ
Sample : K2202-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Quant Time: Apr 19 23:23:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration



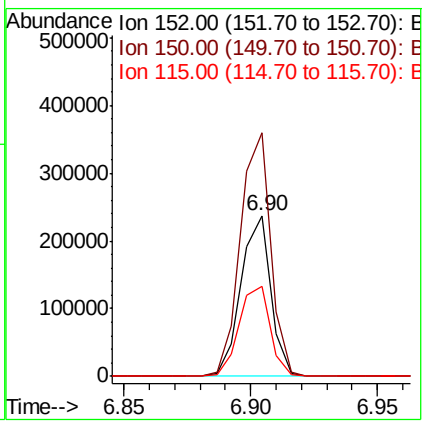


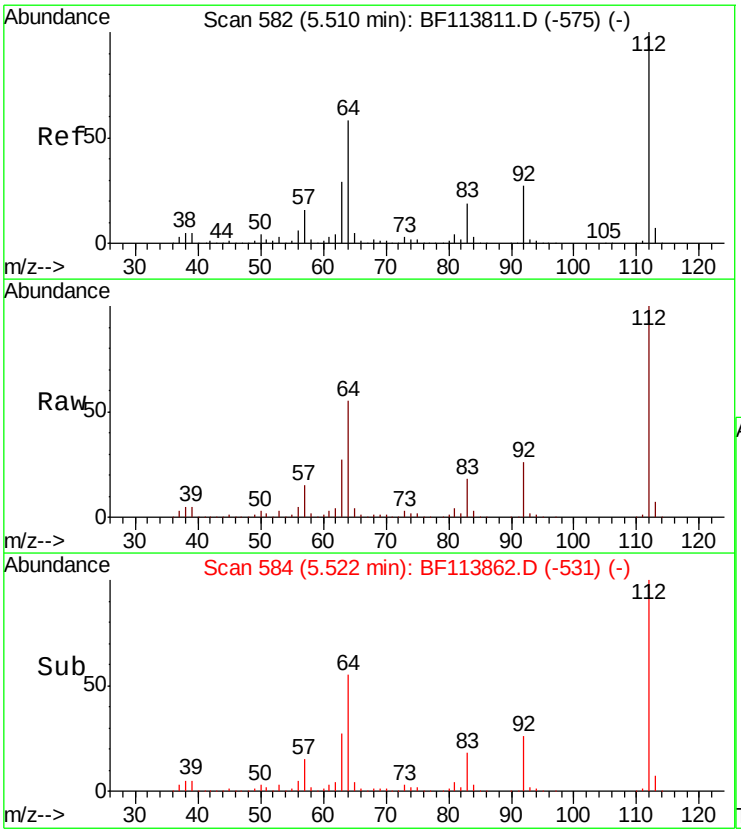
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:152 Resp: 194141

Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.9	188.9
115	56.0	45.9	68.9

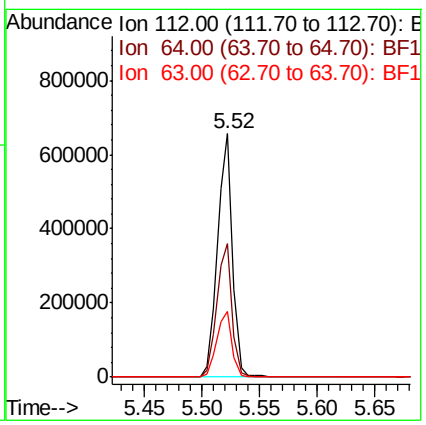


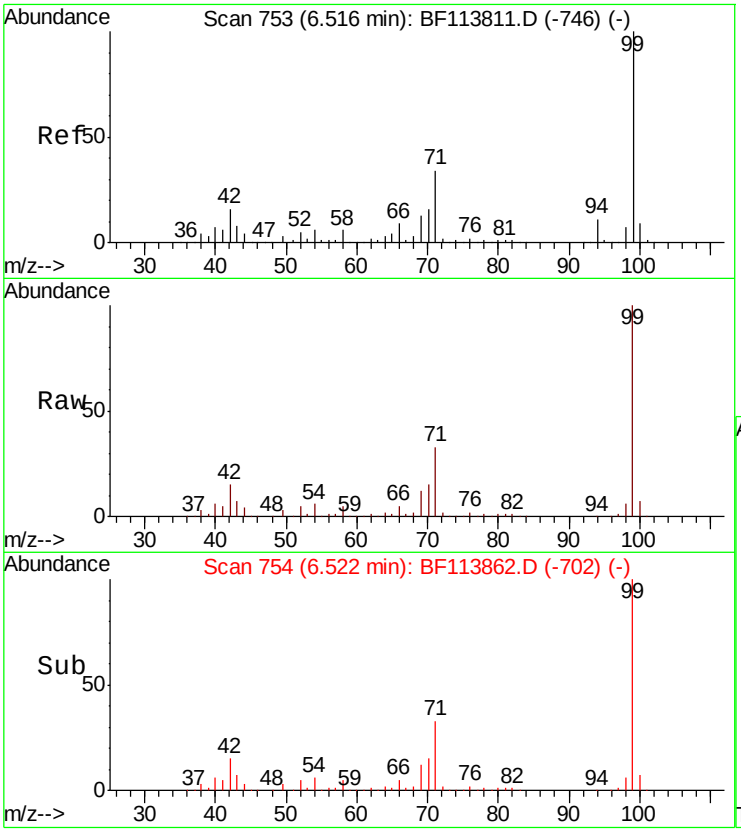


#5
2-Fluorophenol
Concen: 50.261 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:112 Resp: 586837

Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.6	69.8
63	27.0	23.1	34.7



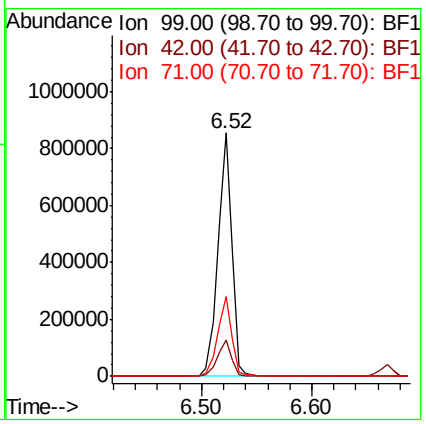


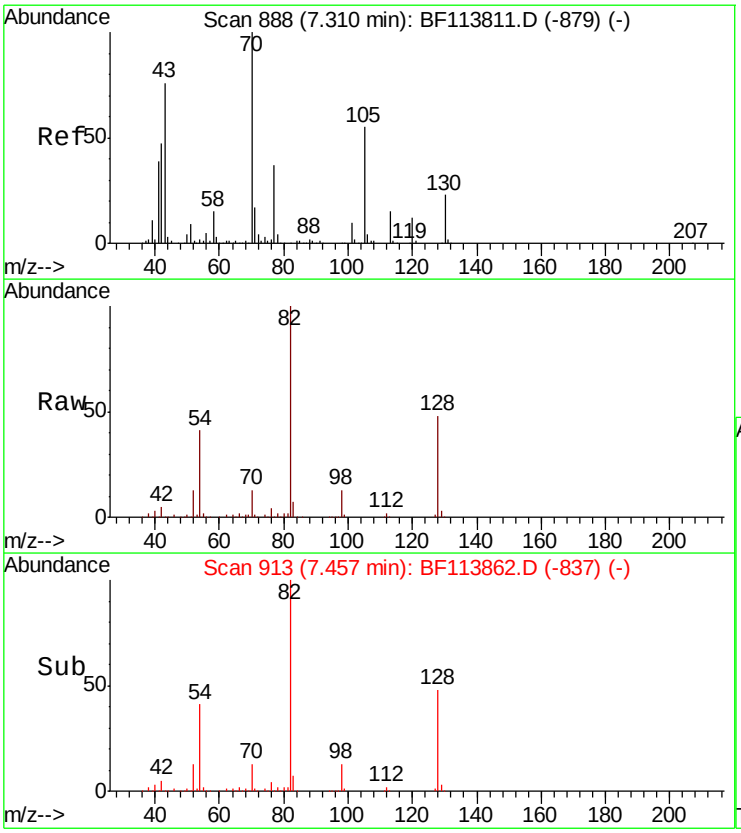
#7
Phenol-d6
Concen: 51.473 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion: 99 Resp: 749474

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	33.0	26.9	40.3

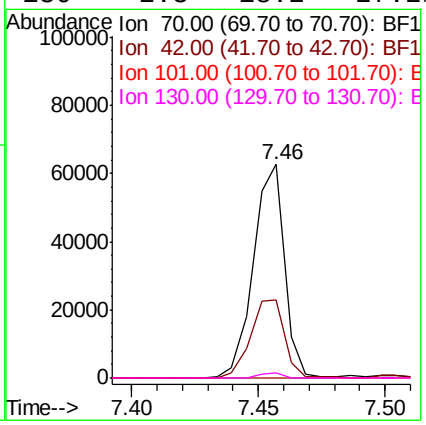


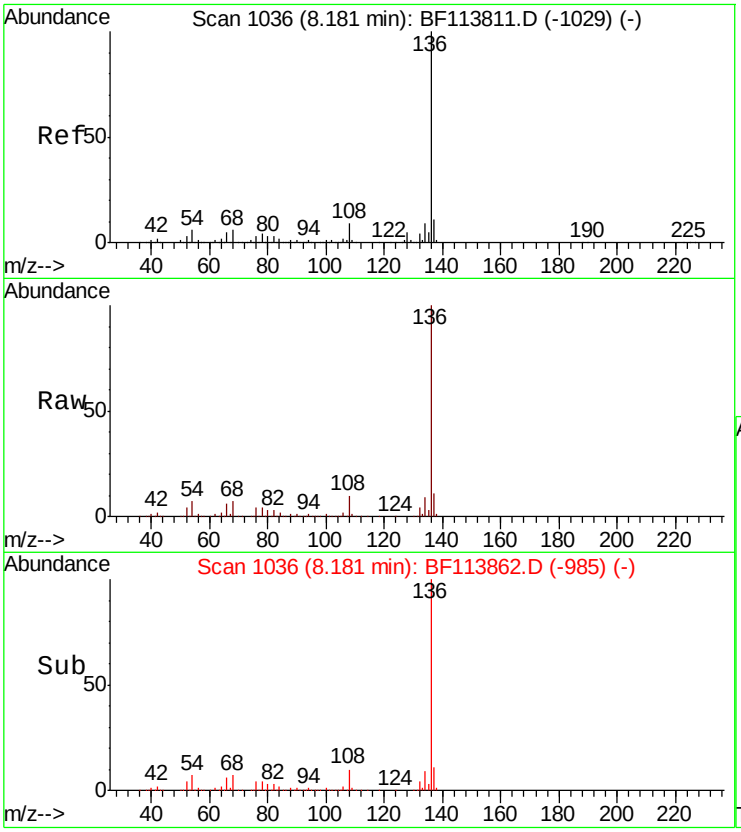


#19
n-Nitroso-di-n-propylamine
Concen: 5.563 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion: 70 Resp: 54064

Ion	Ratio	Lower	Upper
70	100		
42	36.3	37.3	55.9#
101	0.0	7.8	11.8#
130	2.3	18.2	27.2#



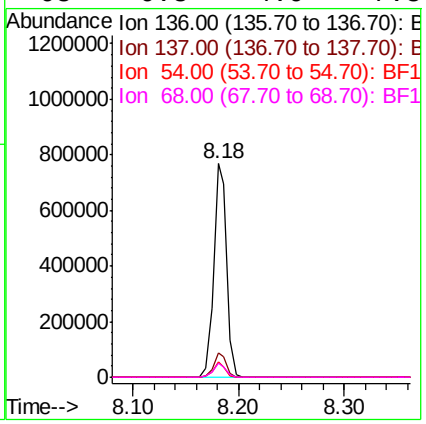


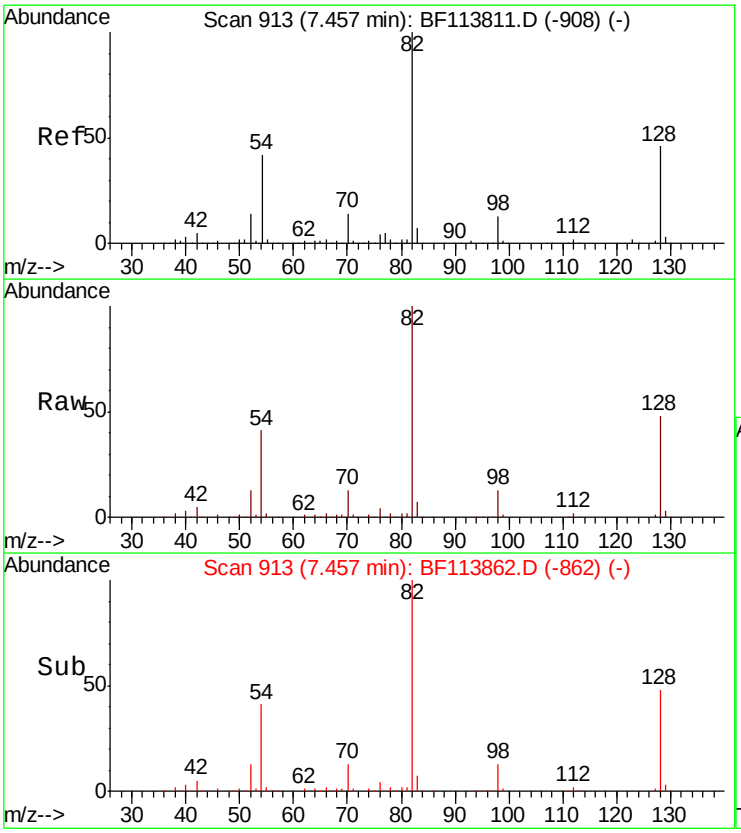
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:136 Resp: 671877

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.1	5.0	7.6
68	6.8	4.9	7.3

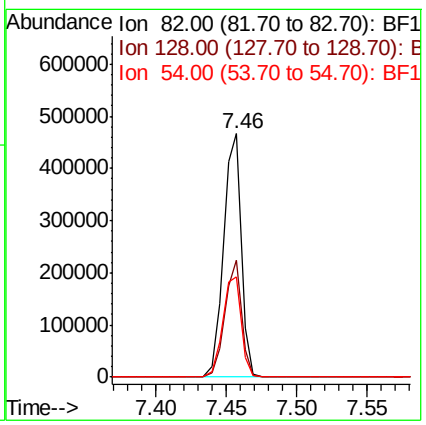


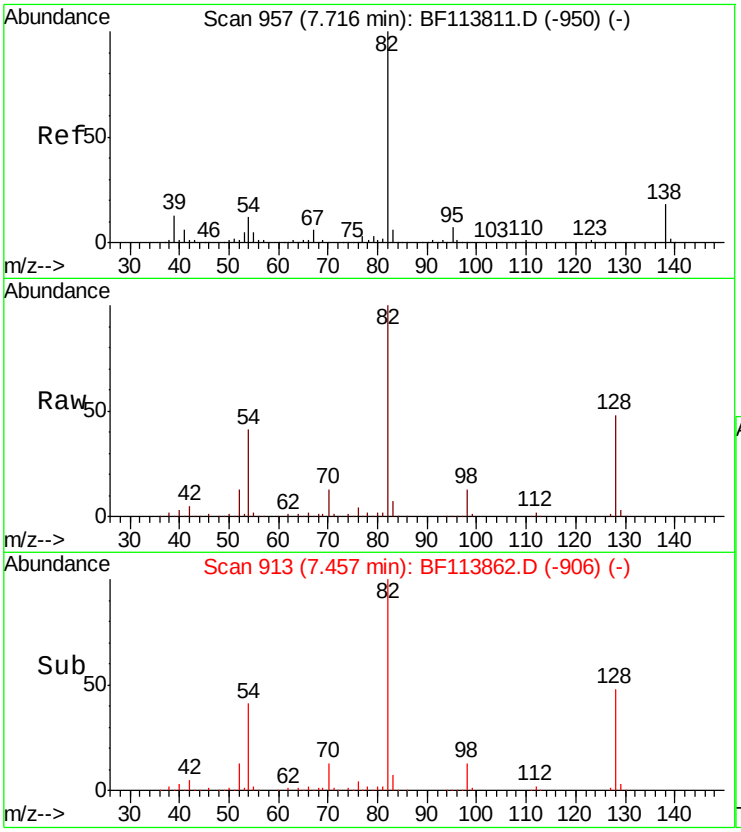


#23
Nitrobenzene-d5
Concen: 36.834 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion: 82 Resp: 406394

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.8	55.2
54	41.3	33.8	50.6



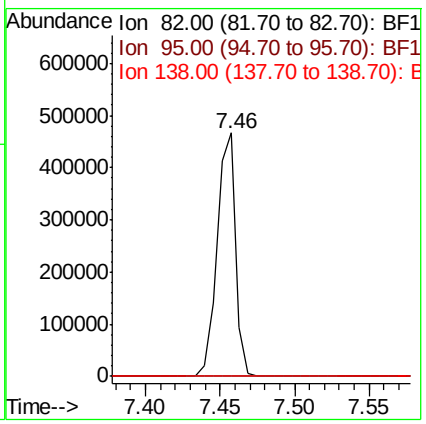


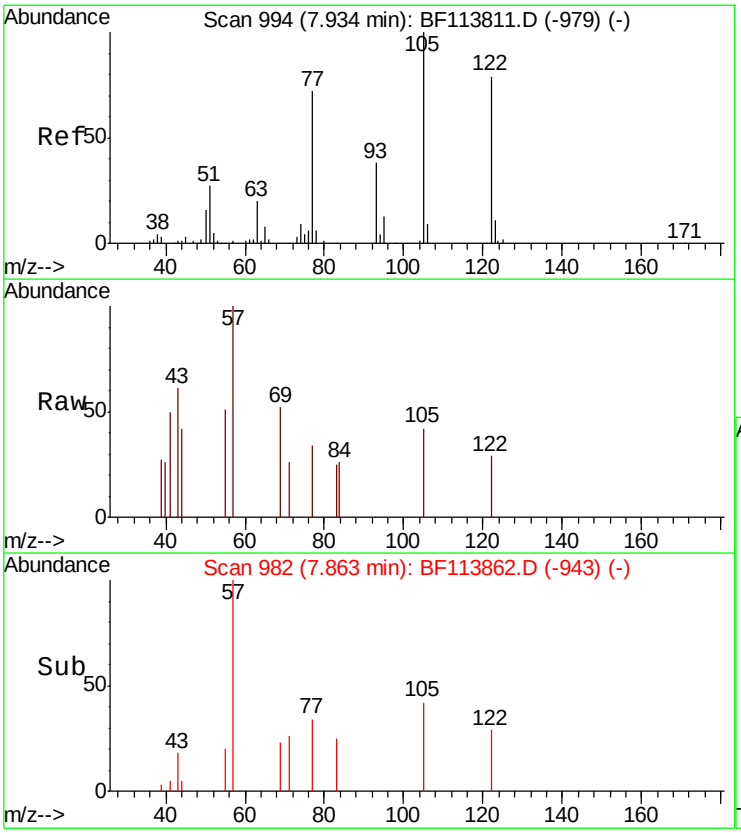
#25
Isophorone
Concen: 17.790 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion: 82 Resp: 406391

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	14.6	22.0#

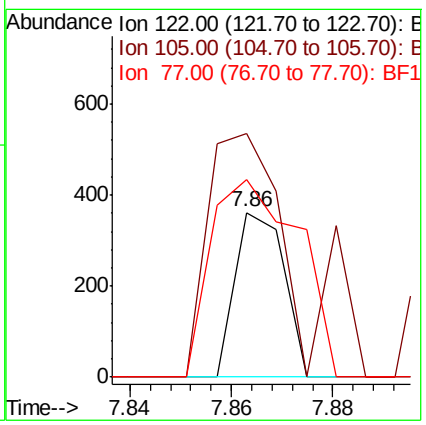


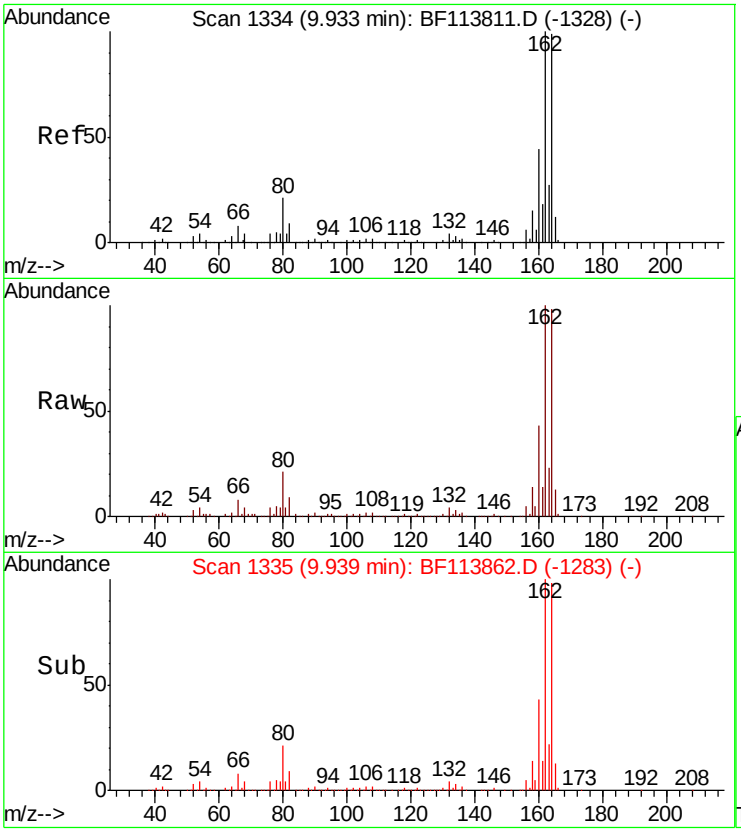


#32
Benzoic acid
Concen: 5.960 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.07 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:122 Resp: 242

Ion	Ratio	Lower	Upper
122	100		
105	147.8	104.3	144.3#
77	119.9	70.4	110.4#



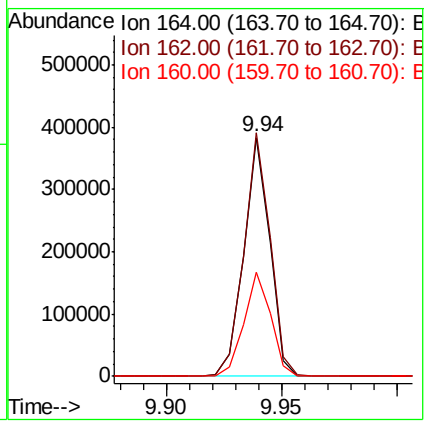


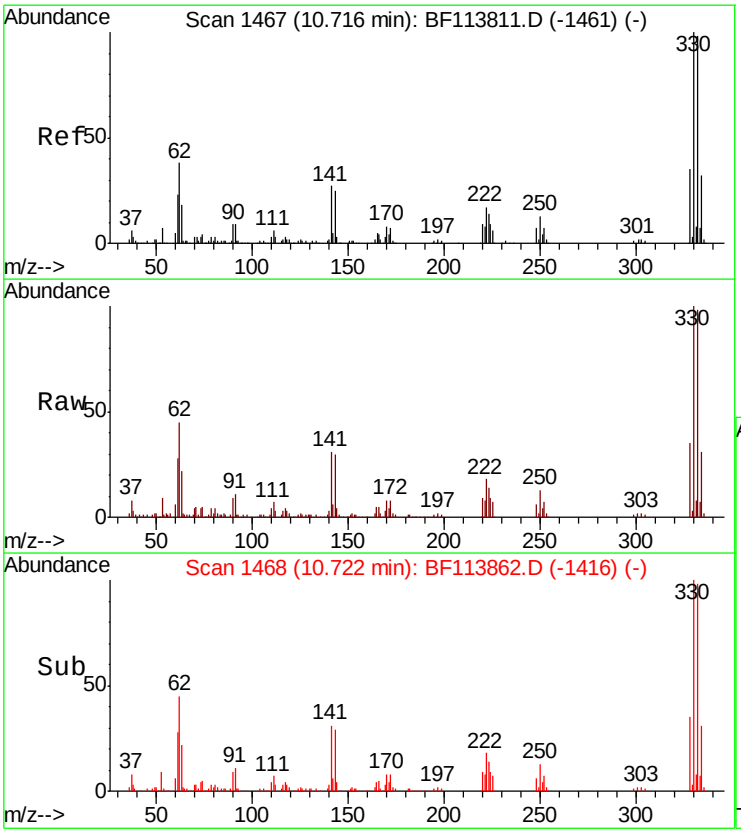
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:164 Resp: 302102

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.1	121.7
160	43.5	35.8	53.6

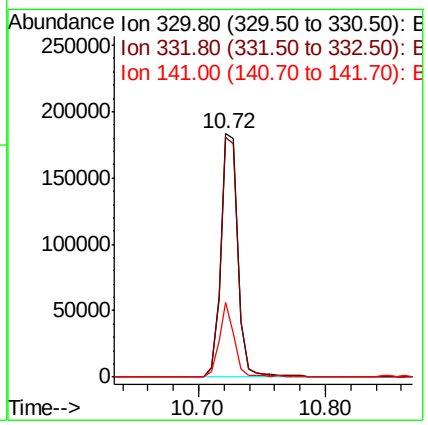


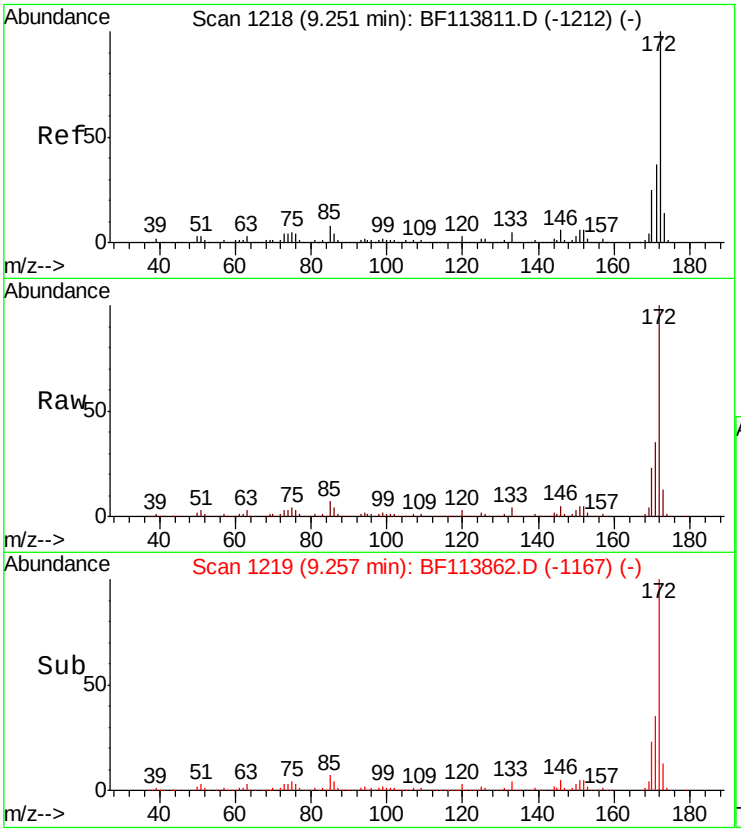


#42
2,4,6-Tribromophenol
Concen: 52.291 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:330 Resp: 174532

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.5	116.3
141	26.2	22.2	33.2



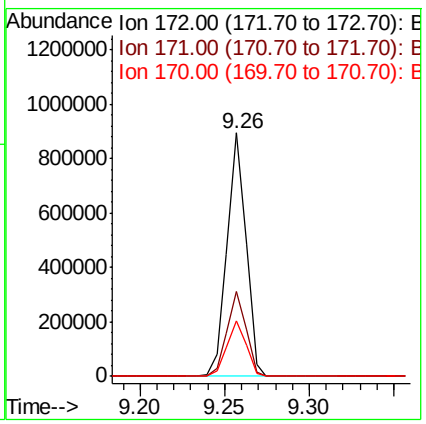


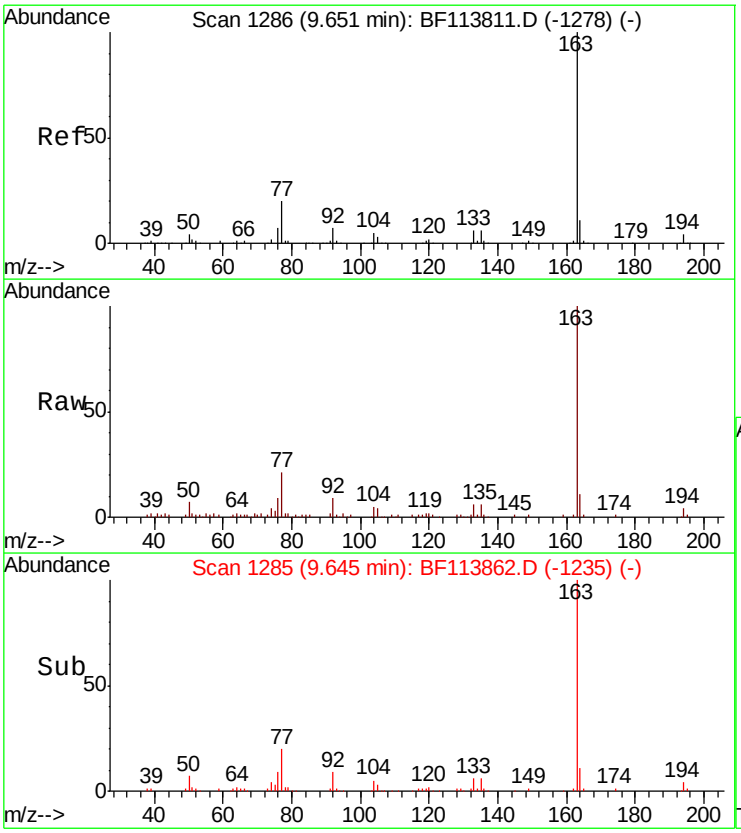
#45
2-Fluorobiphenyl
Concen: 35.157 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:172 Resp: 696445

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	22.9	19.9	29.9

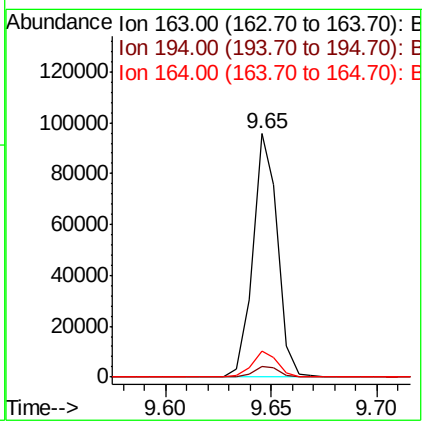


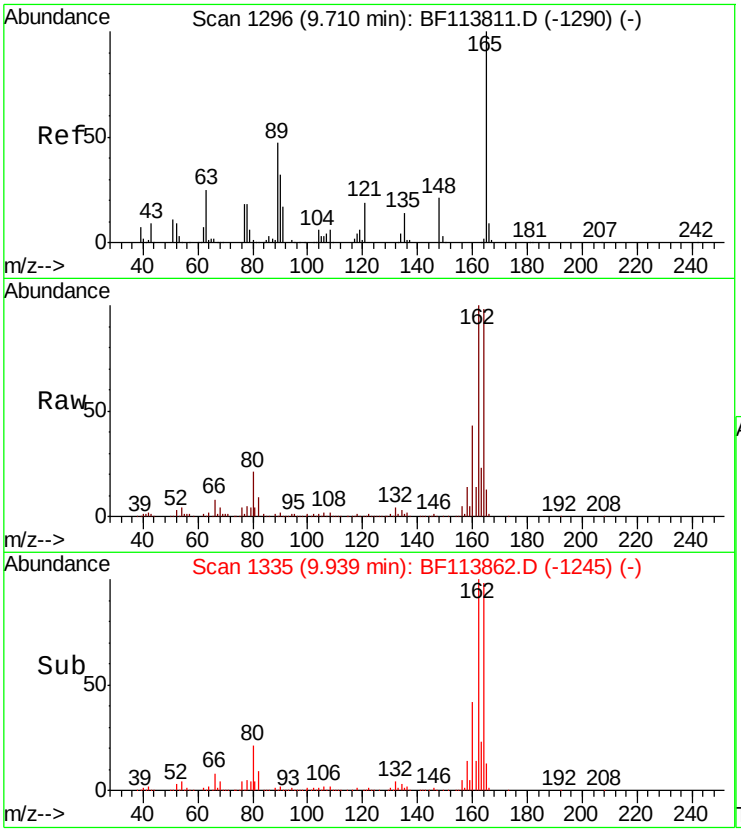


#50
Dimethylphthalate
Concen: 3.677 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:163 Resp: 77740

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.7	8.5	12.7



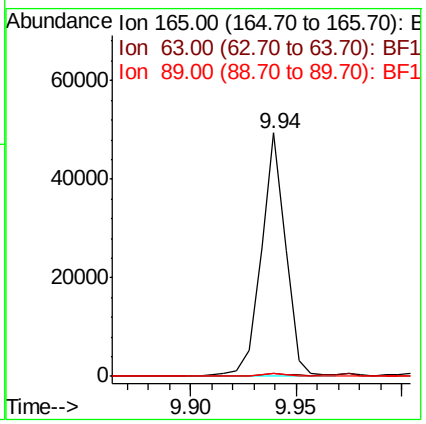


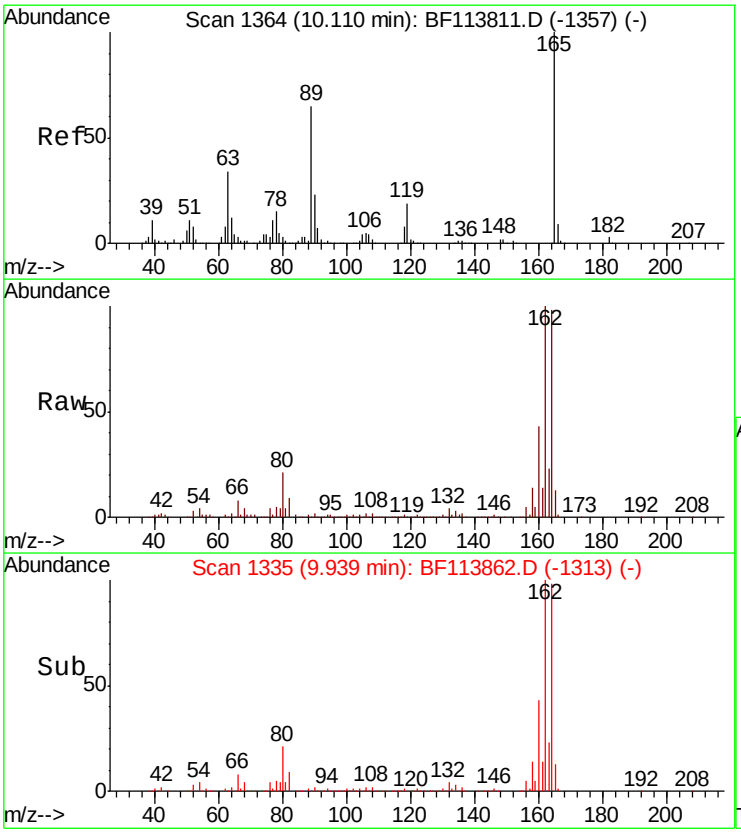
#51
2,6-Dinitrotoluene
Concen: 8.533 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:165 Resp: 39814

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.3	38.2	57.2#

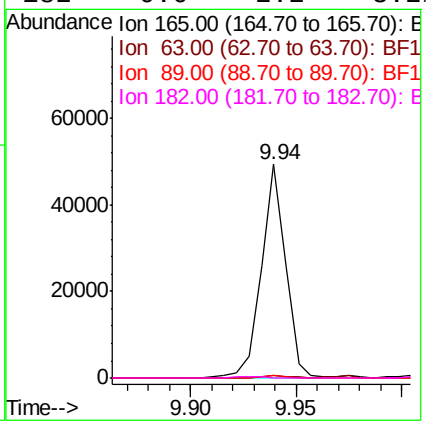


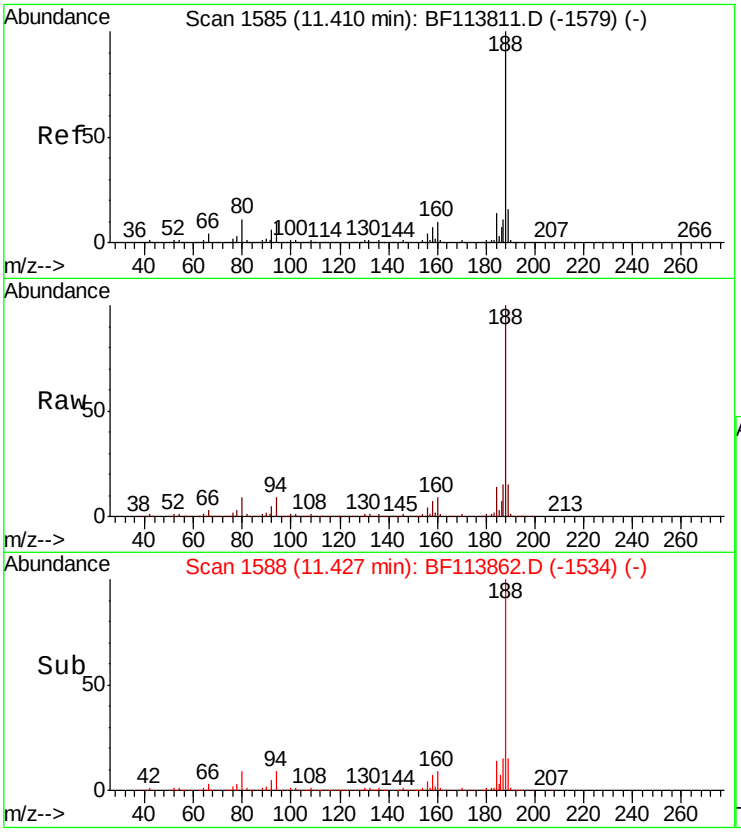


#57
2,4-Dinitrotoluene
Concen: 6.878 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:165 Resp: 39814

Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.4	41.0#
89	1.3	51.8	77.6#
182	0.0	2.2	3.2#



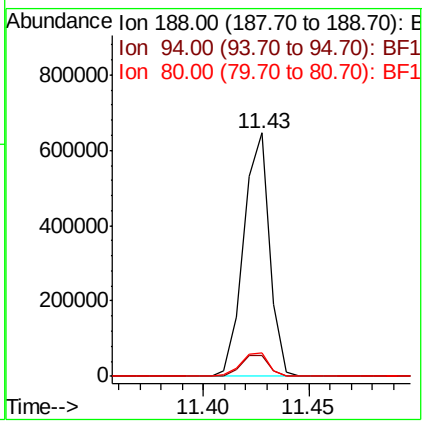


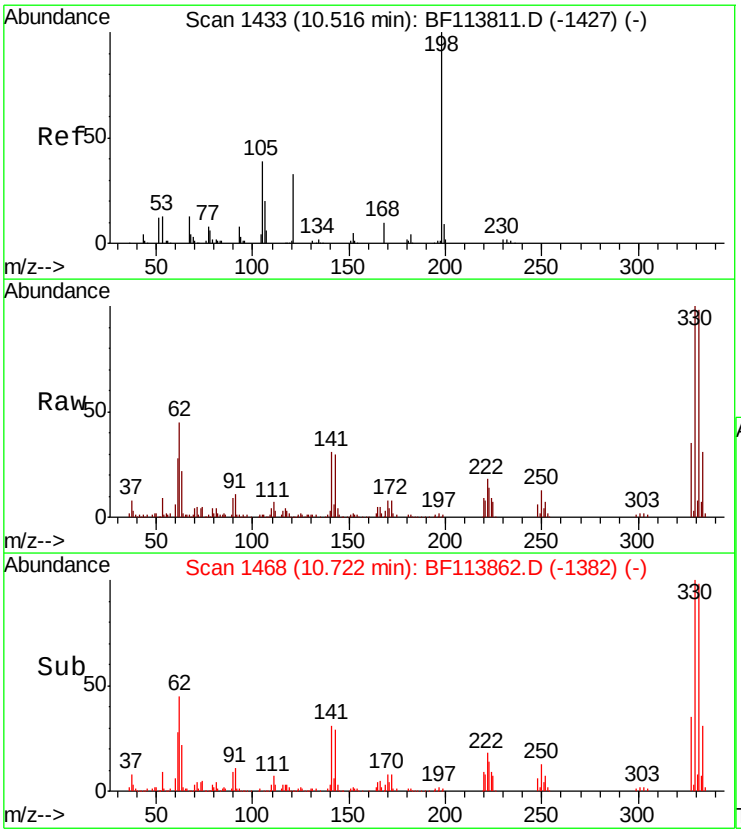
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.02 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:188 Resp: 550756

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	9.5	9.0	13.6

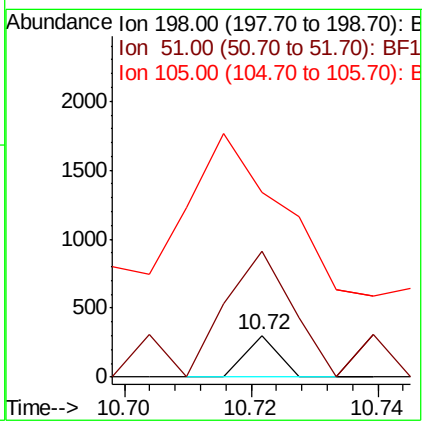


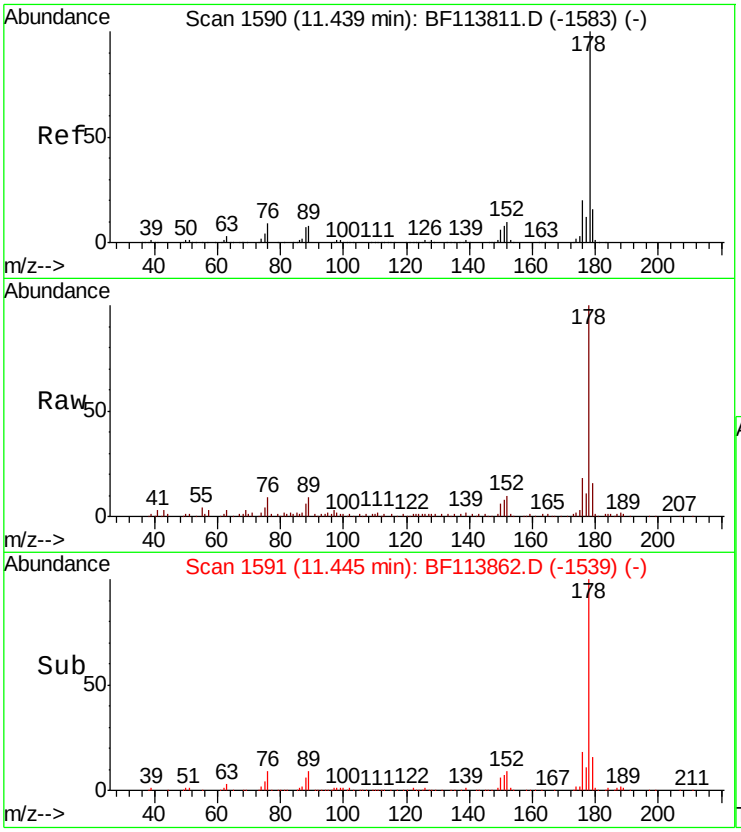


#65
4,6-Dinitro-2-methylphenol
Concen: 6.967 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	302.0	11.1	51.1#
105	441.6	20.7	60.7#



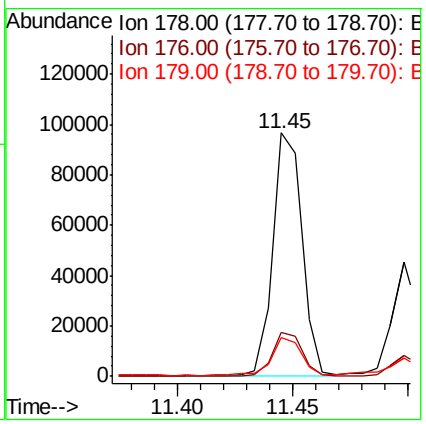


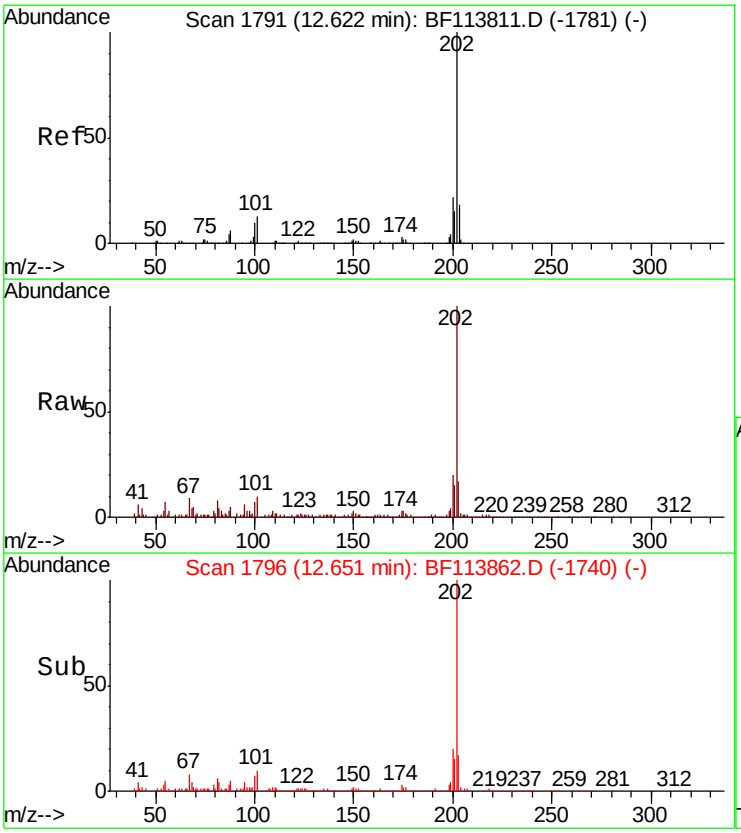
#71
Phenanthrene
Concen: 3.028 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:178 Resp: 84928

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.1	24.1
179	16.1	12.8	19.2

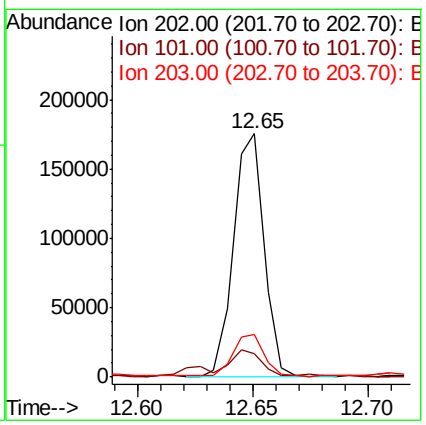


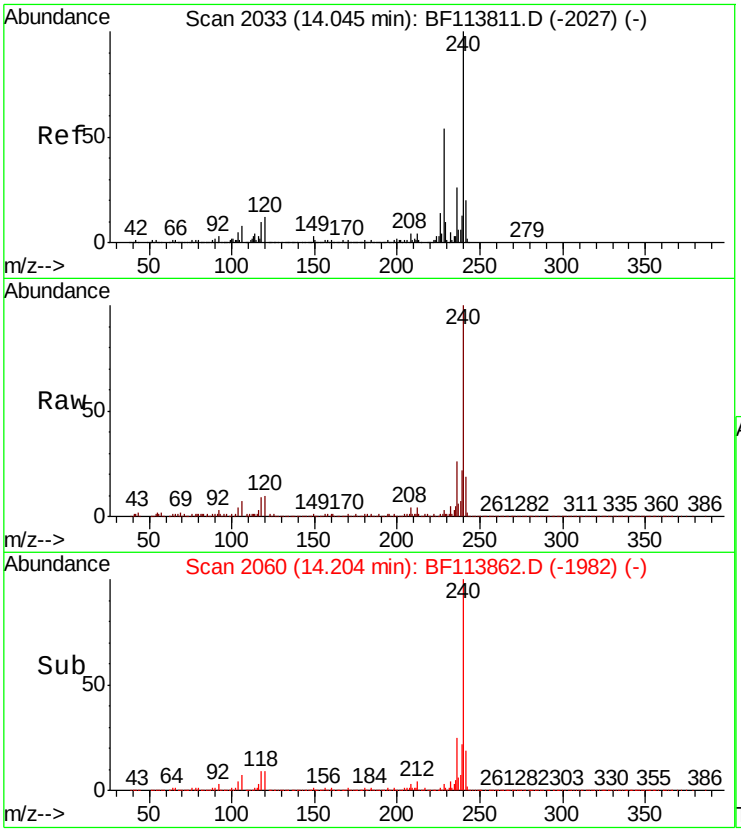


#75
Fluoranthene
Concen: 5.398 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.03 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:202 Resp: 160482

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.9
203	17.3	0.0	38.2



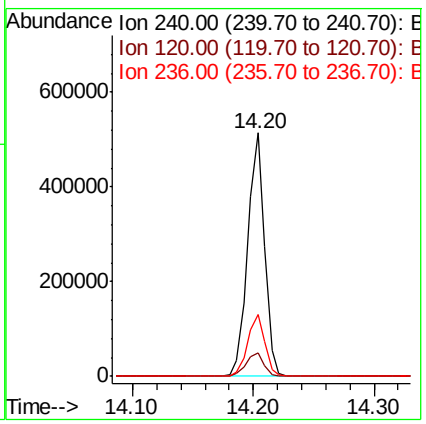


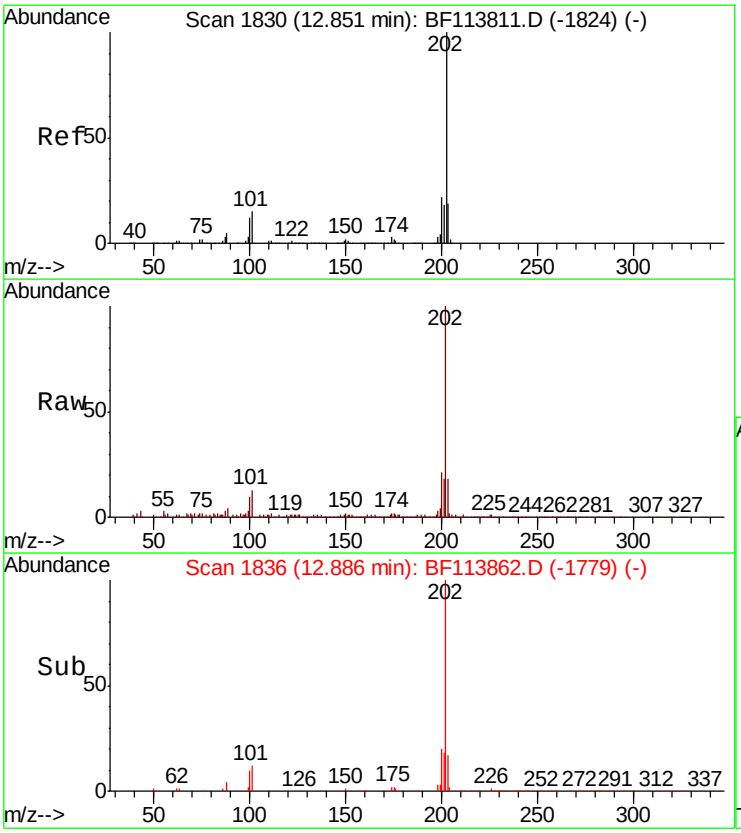
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2060
Delta R.T. 0.16 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:240 Resp: 501355

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.3	13.9
236	25.7	21.2	31.8

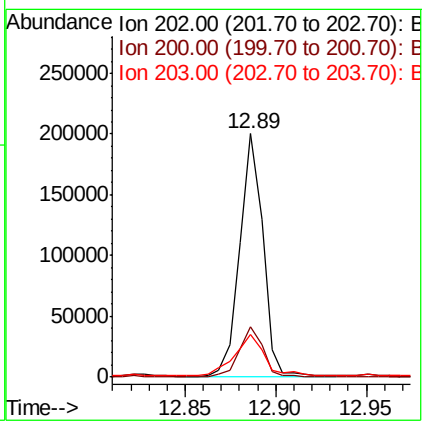


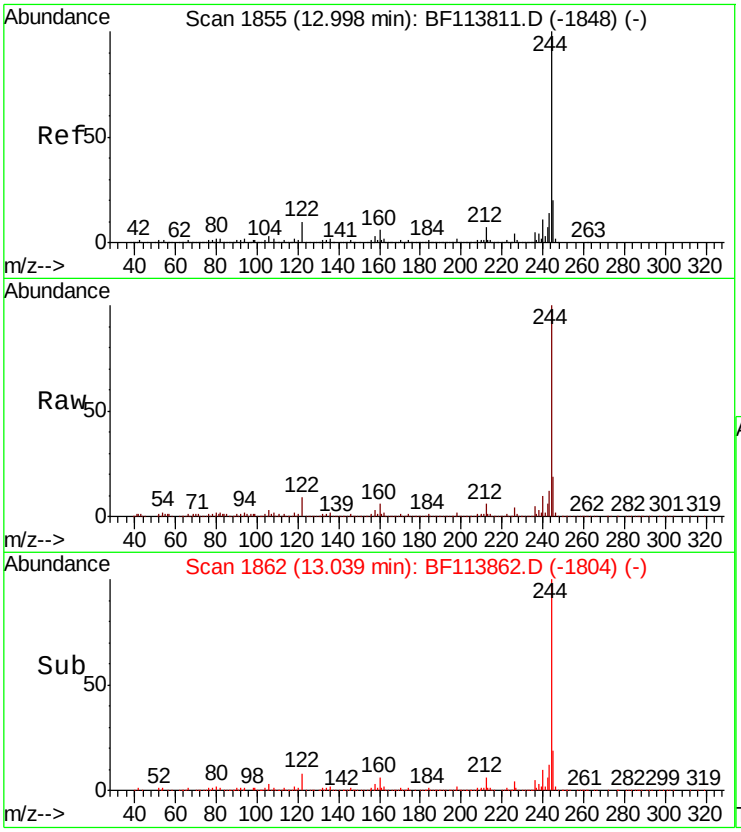


#78
Pyrene
Concen: 5.016 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.04 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:202 Resp: 177239

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.7	15.0	22.6



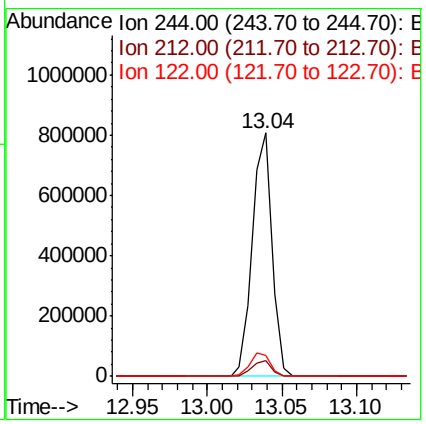


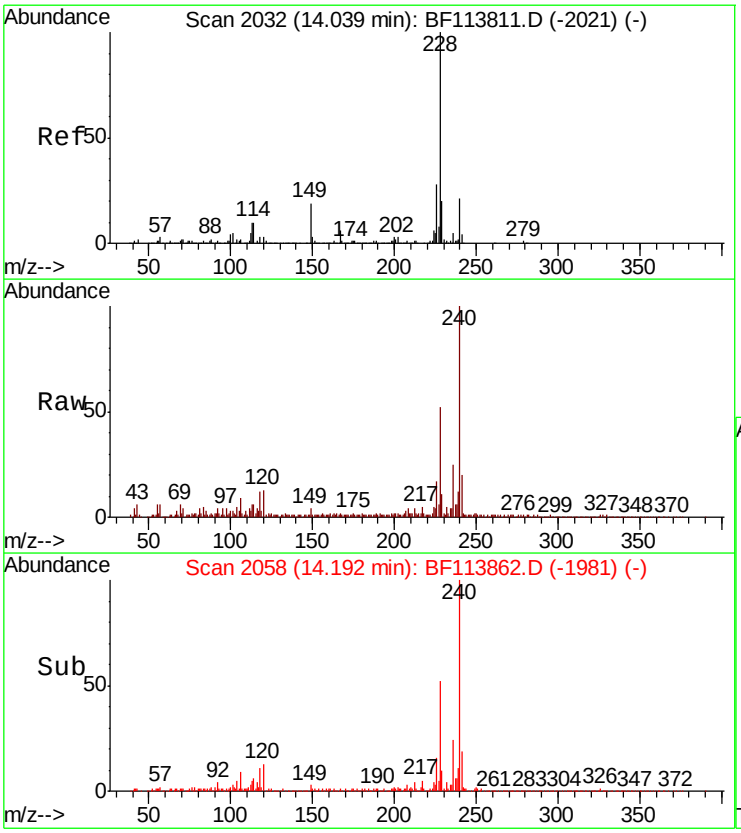
#79
Terphenyl-d14
Concen: 30.523 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.04 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:244 Resp: 729778

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	8.5	7.6	11.4

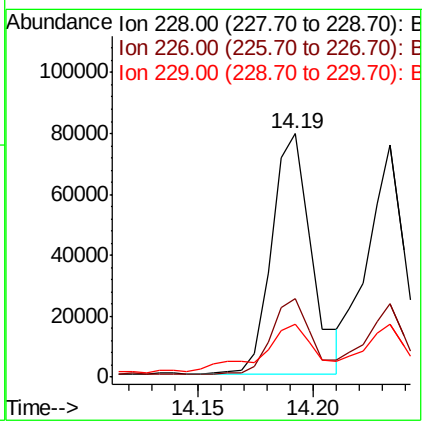


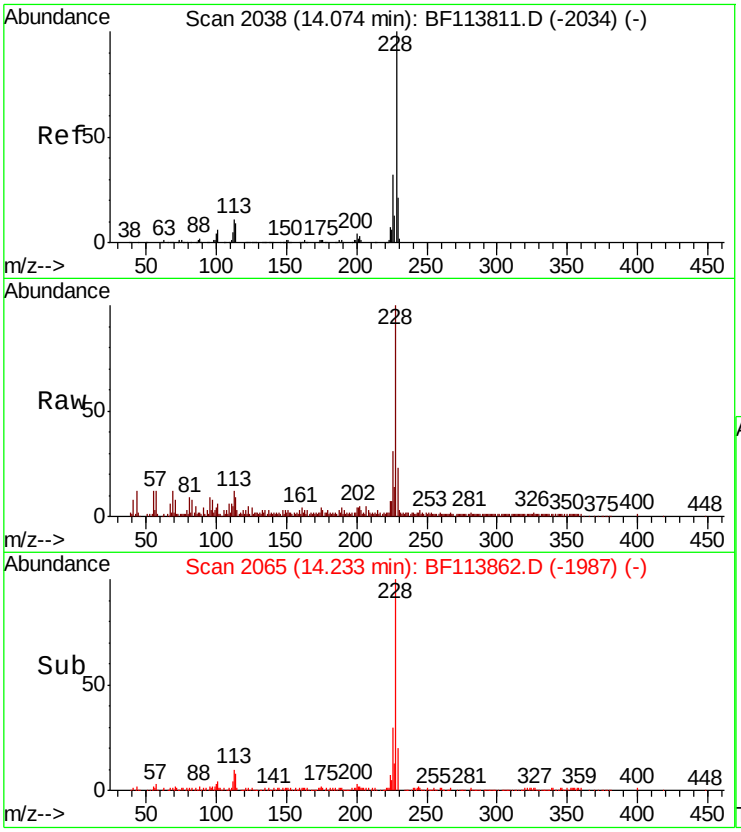


#81
Benzo(a)anthracene
Concen: 3.233 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.15 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:228 Resp: 94753

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.2	33.2
229	21.8	16.0	24.0



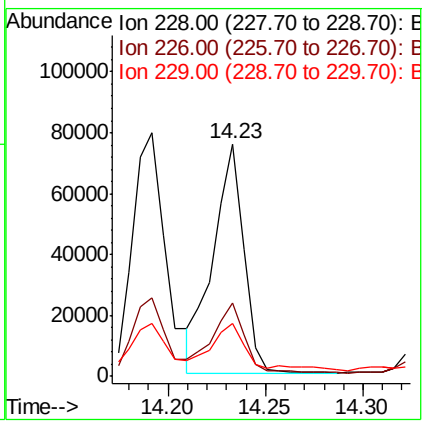


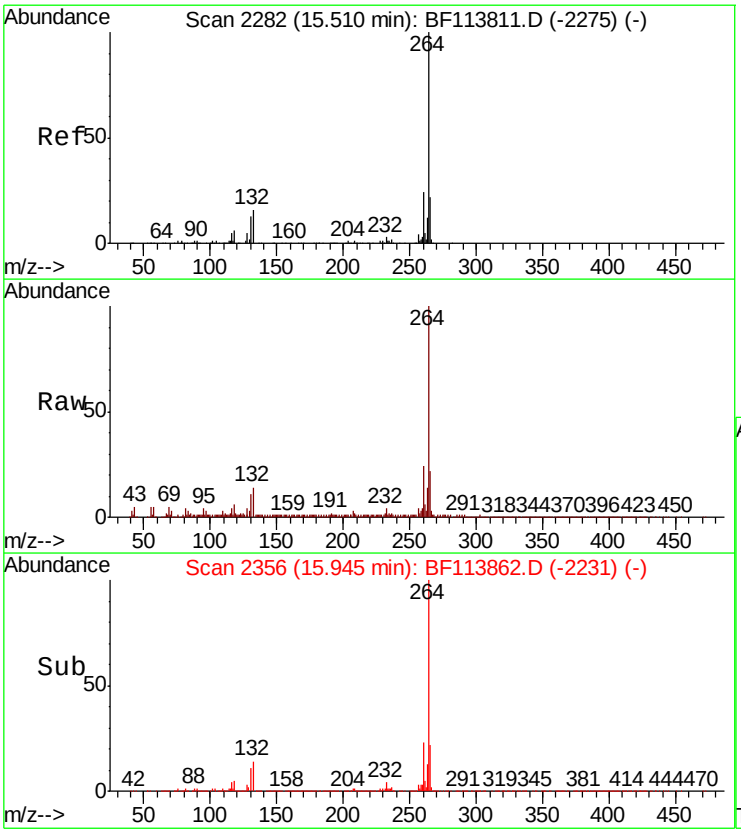
#83
Chrysene
Concen: 2.860 ng
RT: 14.23 min Scan# 2065
Delta R.T. 0.16 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:228 Resp: 83192

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	22.7	16.7	25.1

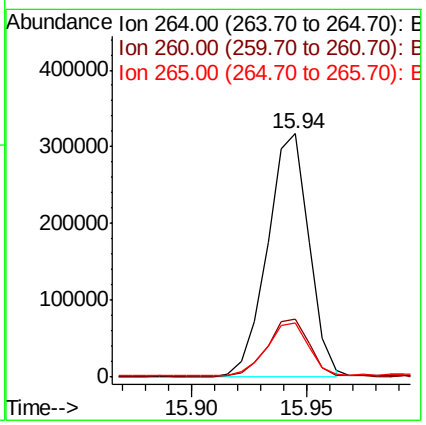


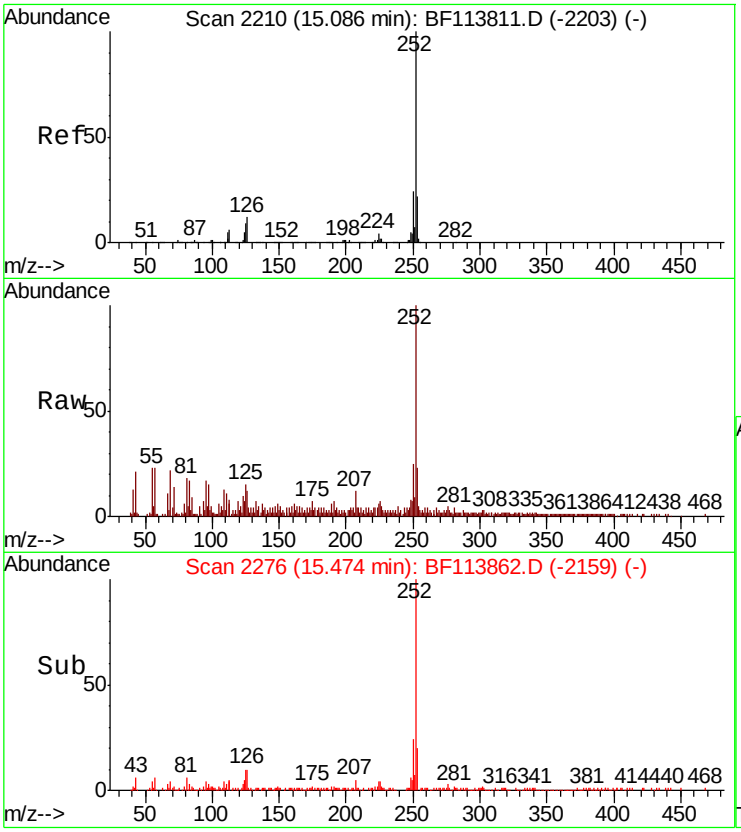


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.94 min Scan# 2356
Delta R.T. 0.44 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:264 Resp: 392808

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.1	17.3	25.9



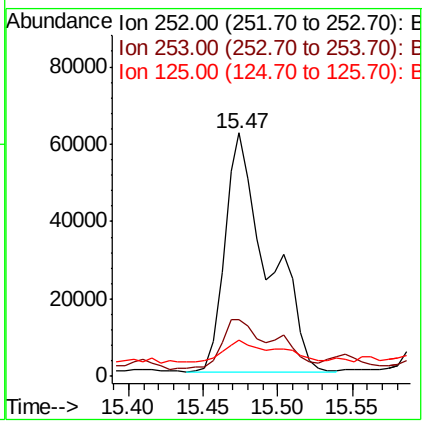


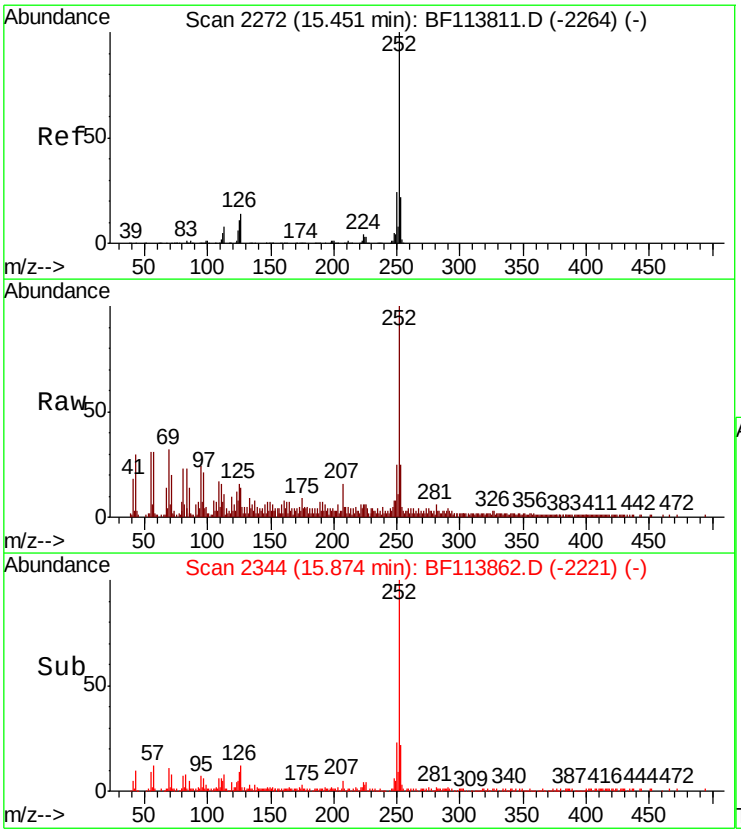
#88
Benzo(b)fluoranthene
Concen: 5.066 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.39 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:252 Resp: 124059

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	14.9	7.0	10.6#

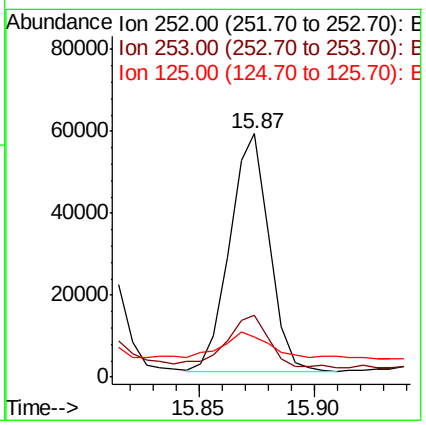


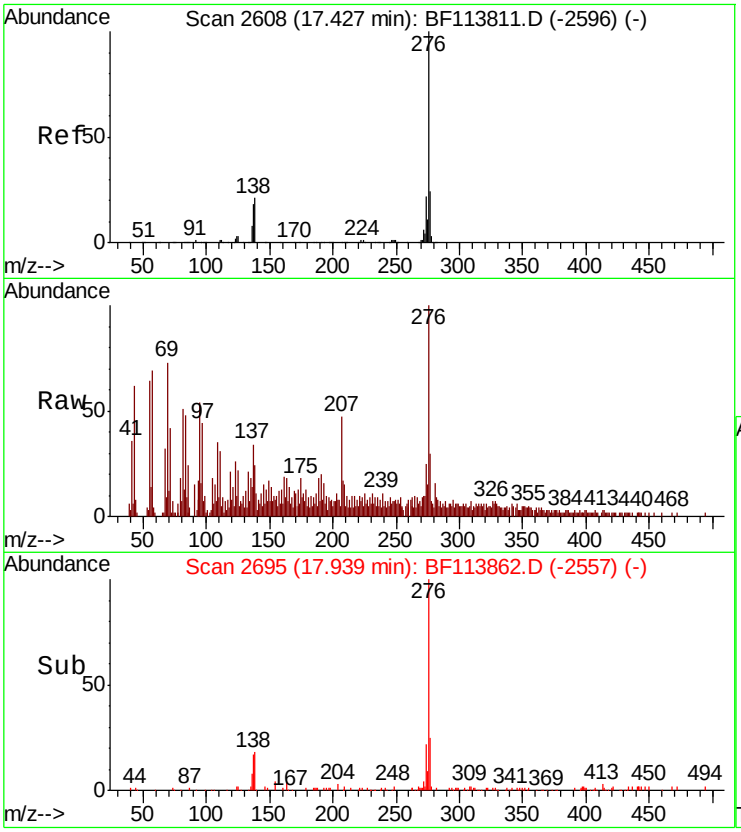


#90
Benzo(a)pyrene
Concen: 3.187 ng
RT: 15.87 min Scan# 2344
Delta R.T. 0.42 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion:252 Resp: 69007

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	16.2	8.5	12.7#





#92
Benzo(g,h,i)perylene
Concen: 2.127 ng
RT: 17.94 min Scan# 2695
Delta R.T. 0.51 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion:276 Resp: 41659

Ion	Ratio	Lower	Upper
276	100		
277	30.2	19.0	28.4#
138	23.6	16.6	25.0