Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111855.D
Acq On : 4 Jan 2019 20:03
Operator : JU/SJ
Sample : K1041-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 04 23:32:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	159383	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	582188	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	267822	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	403358	20.00	ng		0.00
76) Chrysene-d12	14.06	240	354676	20.00	ng		0.00
87) Perylene-d12	15.54	264	318252	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	926759	99.11	ng		0.02
7) Phenol-d6	6.54	99	1215292	102.13	ng		0.02
23) Nitrobenzene-d5	7.45	82	775069	77.49	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	309254	97.73	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1386022	75.43	ng		0.00
79) Terphenyl-d14	13.00	244	1238970	66.25	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.55	94	61586	4.587	ng		86
19) n-Nitroso-di-n-propylamine	7.45	70	106220	13.441	ng	#	75
25) Isophorone	7.45	82	775056	43.650	ng	#	64
50) Dimethylphthalate	9.64	163	131003	6.689	ng		98
57) 2,4-Dinitrotoluene	9.93	165	35464	7.556	ng	#	24
65) 4,6-Dinitro-2-methylphenol	10.72	198	586	6.995	ng	#	16
67) 4-Bromophenyl-phenylether	10.72	248	18790	3.756	ng	#	1
71) Phenanthrene	11.44	178	63213	2.955	ng		93
75) Fluoranthene	12.63	202	142454	6.576	ng		95
78) Pyrene	12.86	202	126007	5.031	ng		95
81) Benzo(a)anthracene	14.05	228	59558	2.942	ng		98
83) Chrysene	14.08	228	51862	2.607	ng		97
88) Benzo(b)fluoranthene	15.10	252	83866	4.509	ng		97
89) Benzo(k)fluoranthene	15.10	252	83866	4.736	ng		98
90) Benzo(a)pyrene	15.47	252	44862	2.655	ng		98

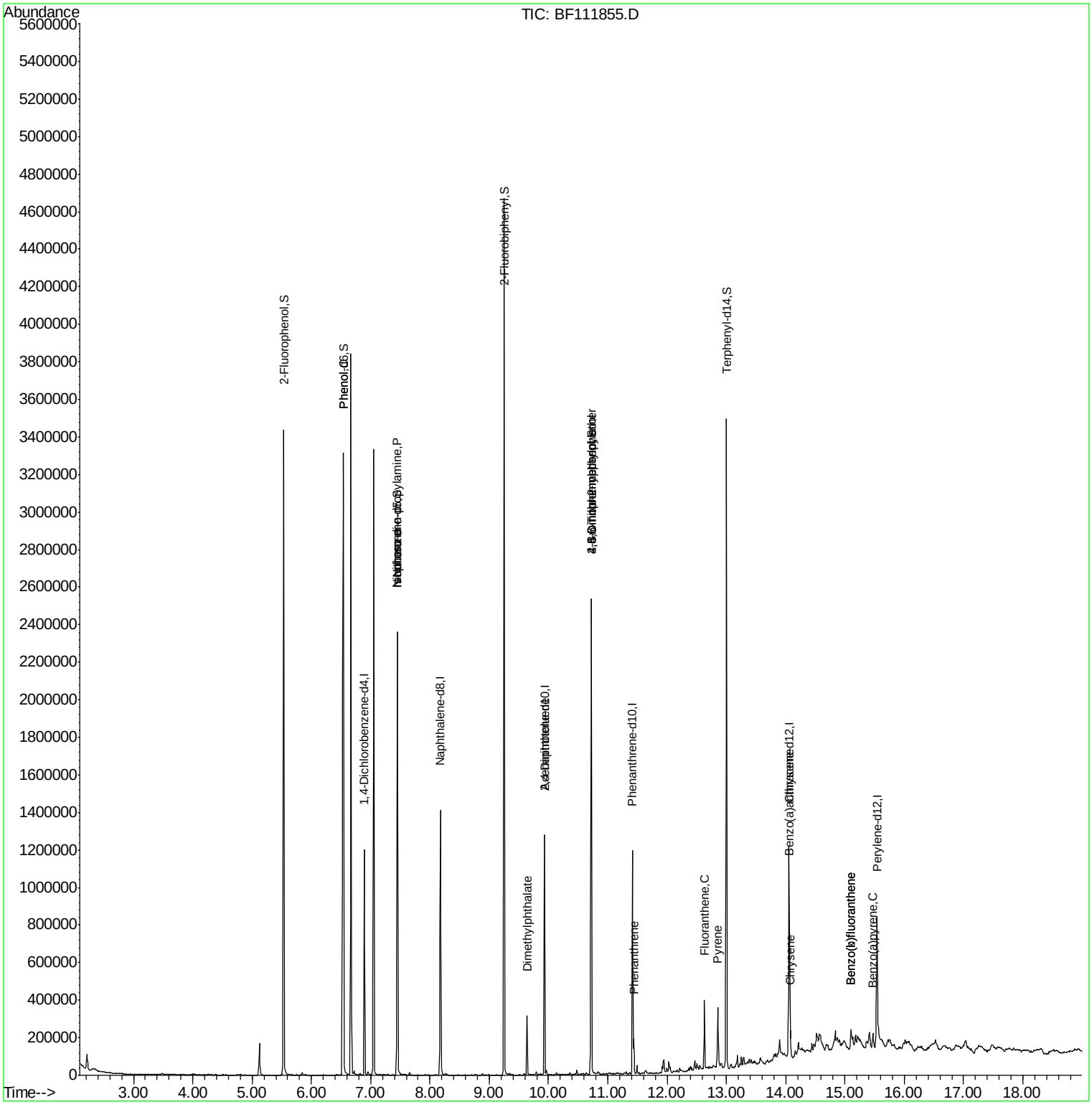
(#) = qualifier out of range (m) = manual integration (+) = signals summed

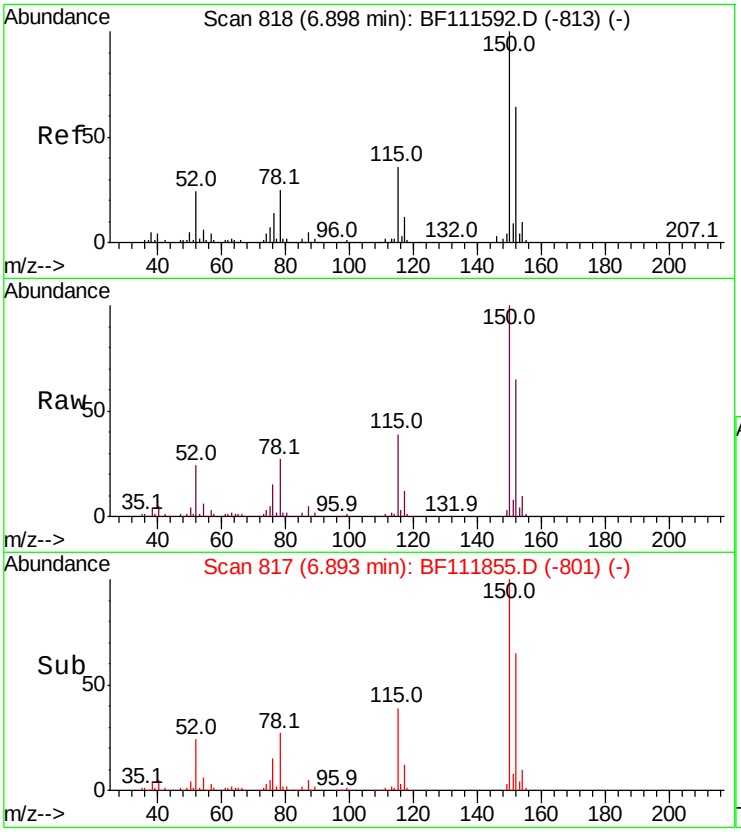
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111855.D
Acq On : 4 Jan 2019 20:03
Operator : JU/SJ
Sample : K1041-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 04 23:32:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



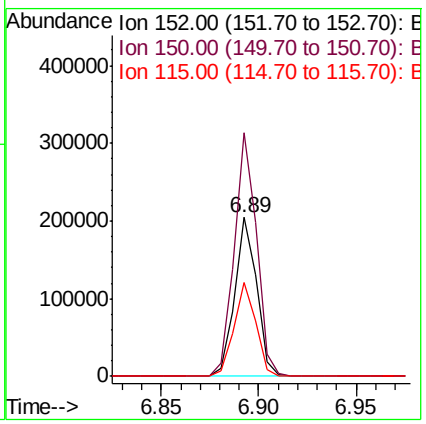


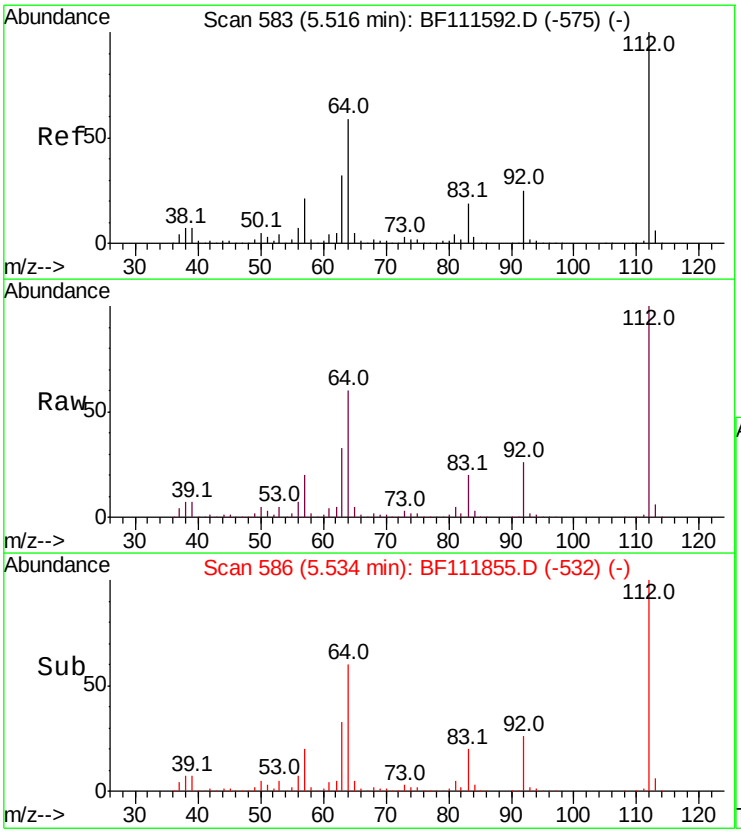
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 159383

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	59.2	50.7	76.1

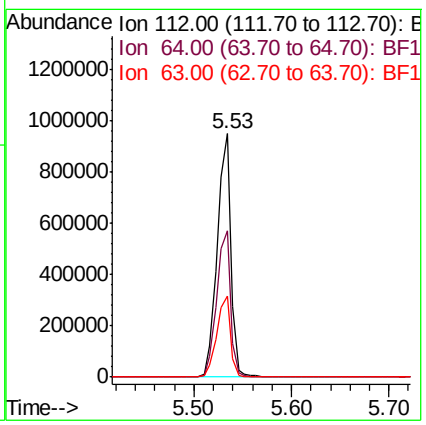


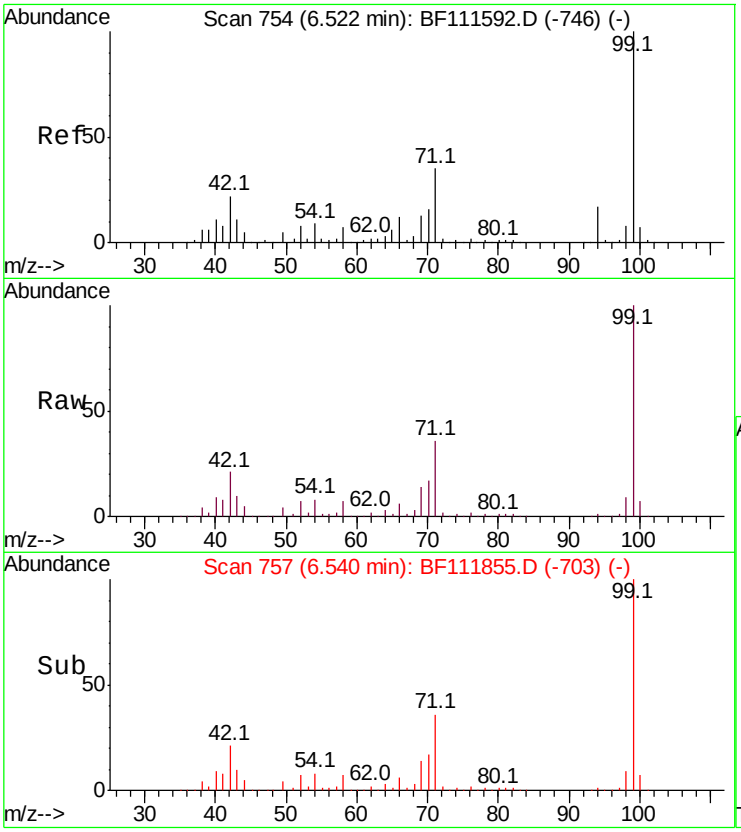


#5
2-Fluorophenol
Concen: 99.113 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:112 Resp: 926759

Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	33.1	26.8	40.2



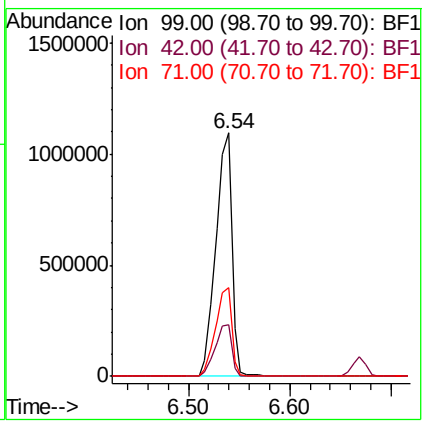


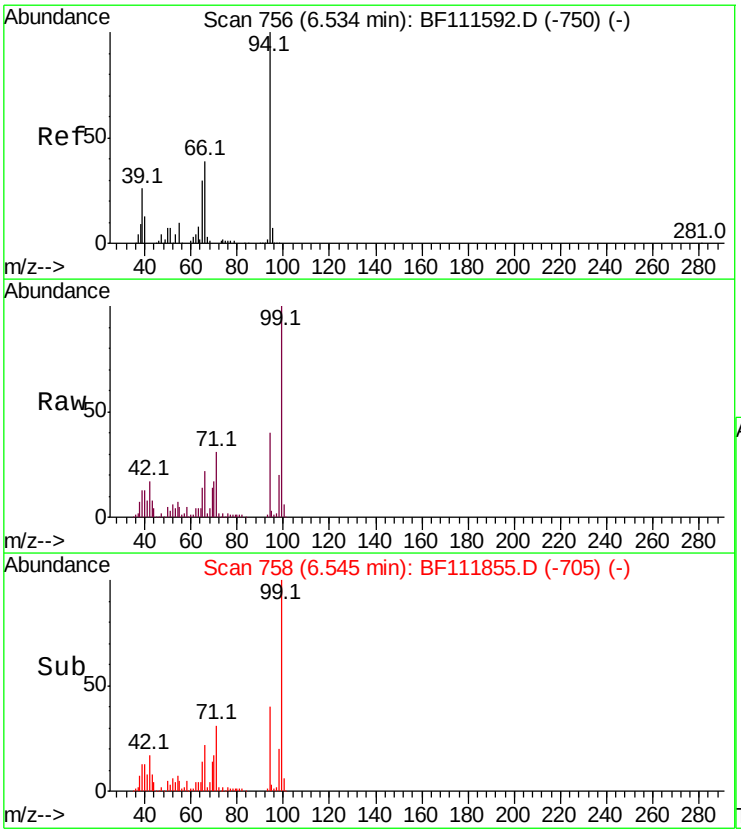
#7
Phenol-d6
Concen: 102.126 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1215292

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.4	26.0
71	36.5	26.1	39.1

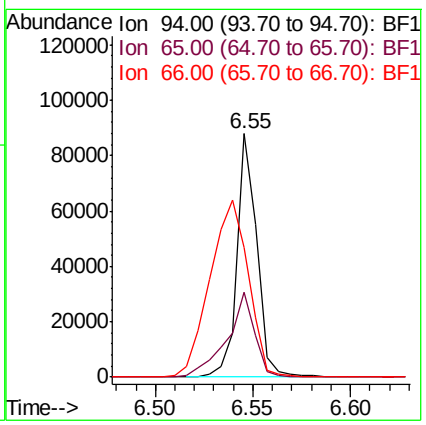


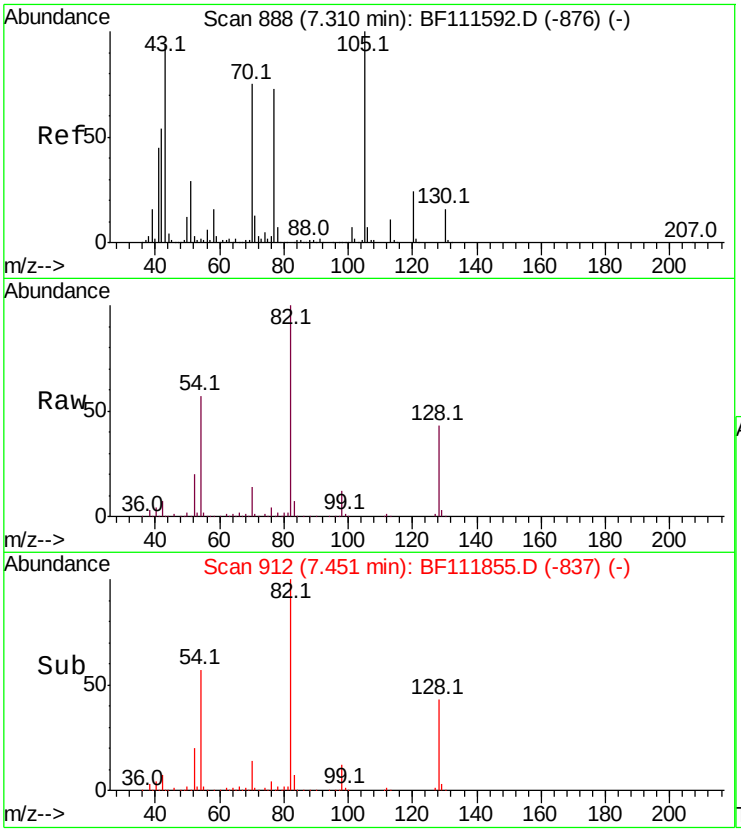


#10
Phenol
Concen: 4.587 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion: 94 Resp: 61586

Ion	Ratio	Lower	Upper
94	100		
65	35.1	11.7	51.7
66	53.4	21.0	61.0



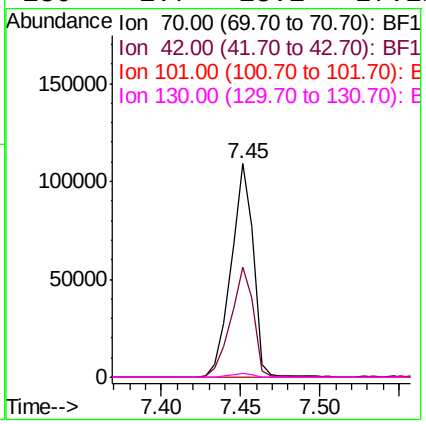


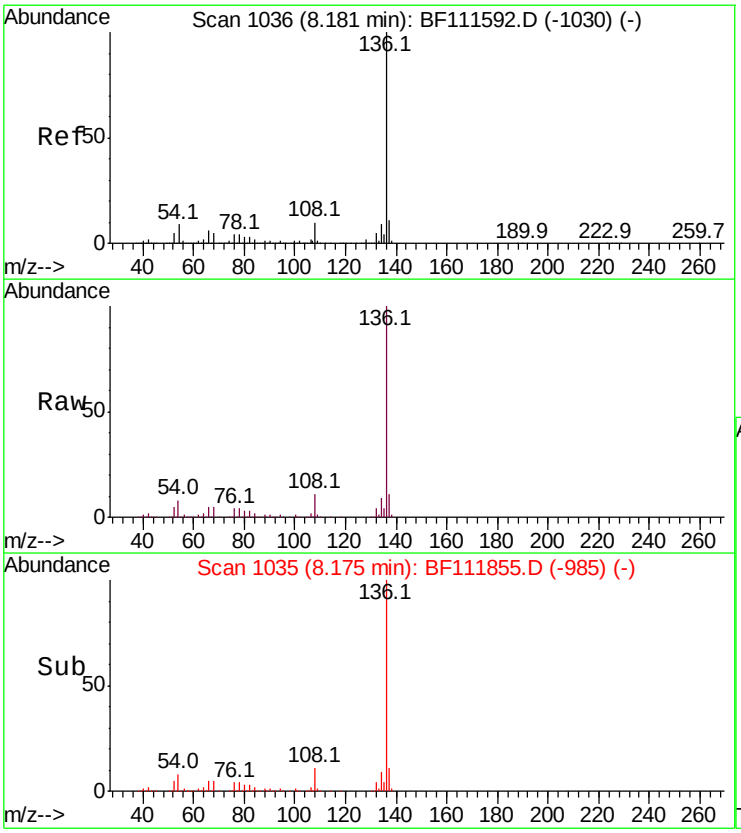
#19
n-Nitroso-di-n-propylamine
Concen: 13.441 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 106220

Ion	Ratio	Lower	Upper
70	100		
42	51.5	53.2	79.8#
101	0.0	8.2	12.4#
130	1.7	18.1	27.1#

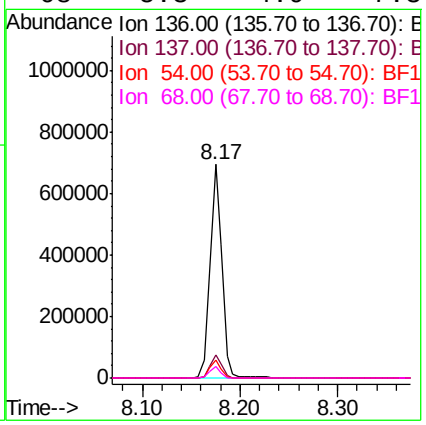


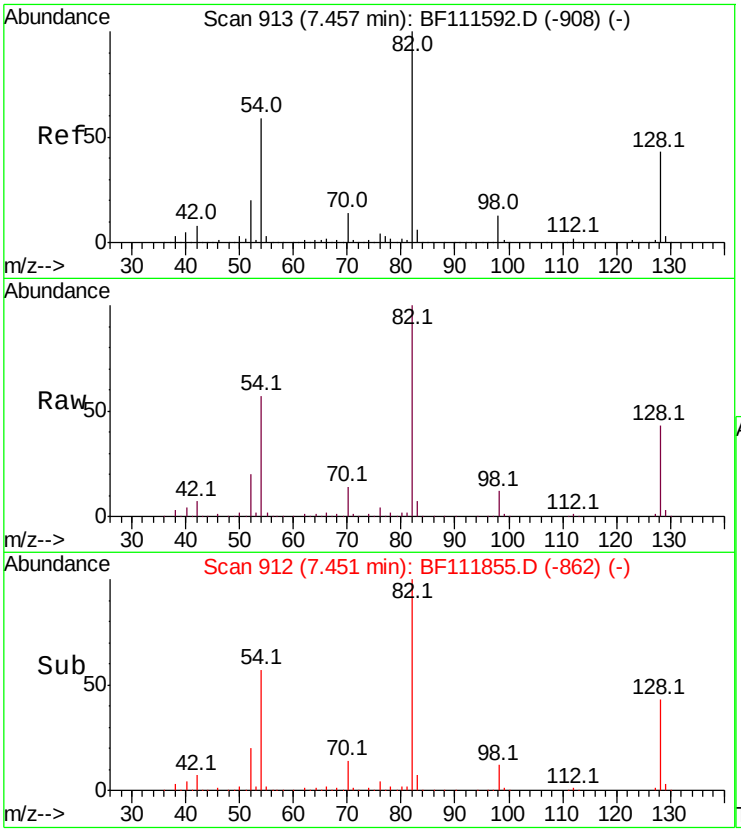


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:136 Resp: 582188

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.5	7.7	11.5
68	5.3	4.9	7.3



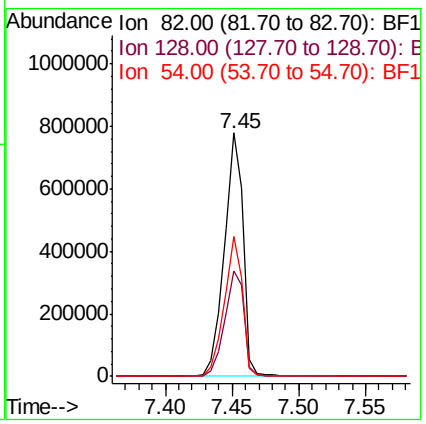


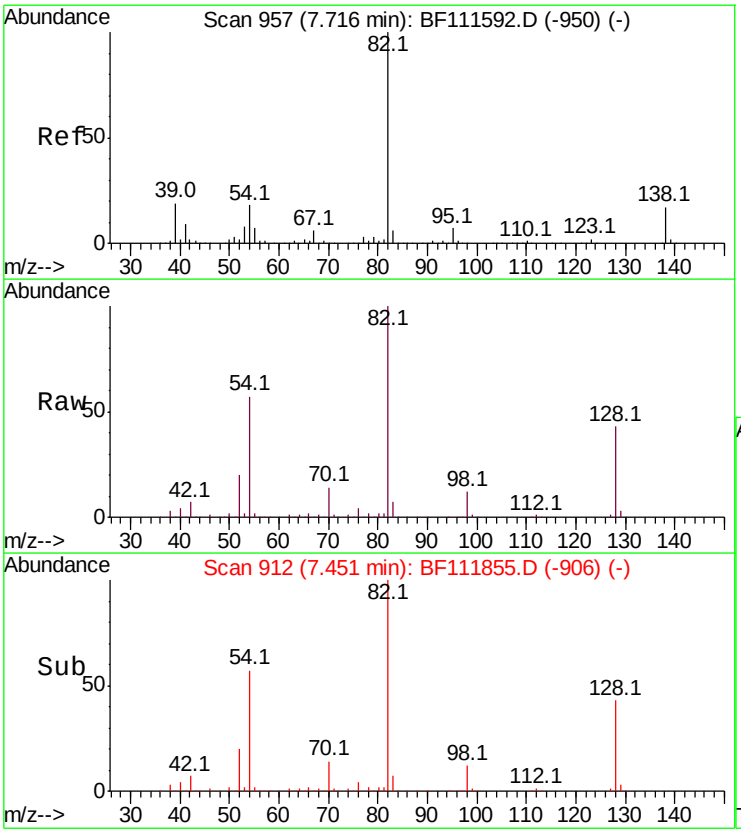
#23
Nitrobenzene-d5
Concen: 77.492 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 775069

Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.4	56.2
54	57.4	47.6	71.4

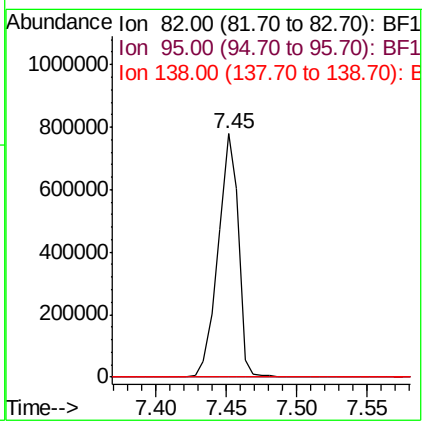


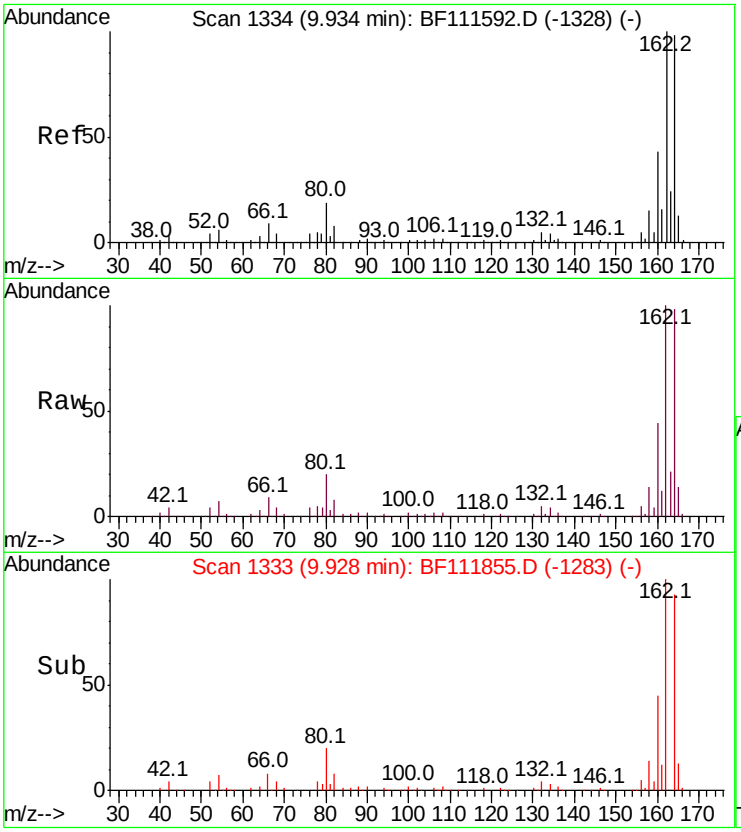


#25
Isophorone
Concen: 43.650 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion: 82 Resp: 775056

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



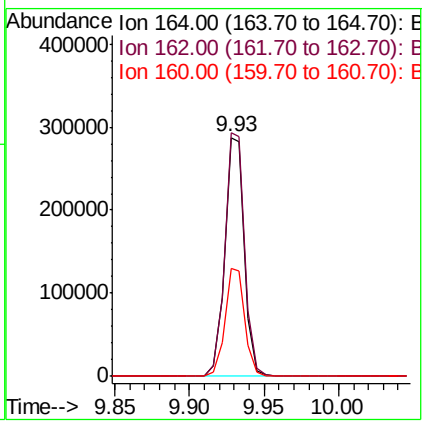


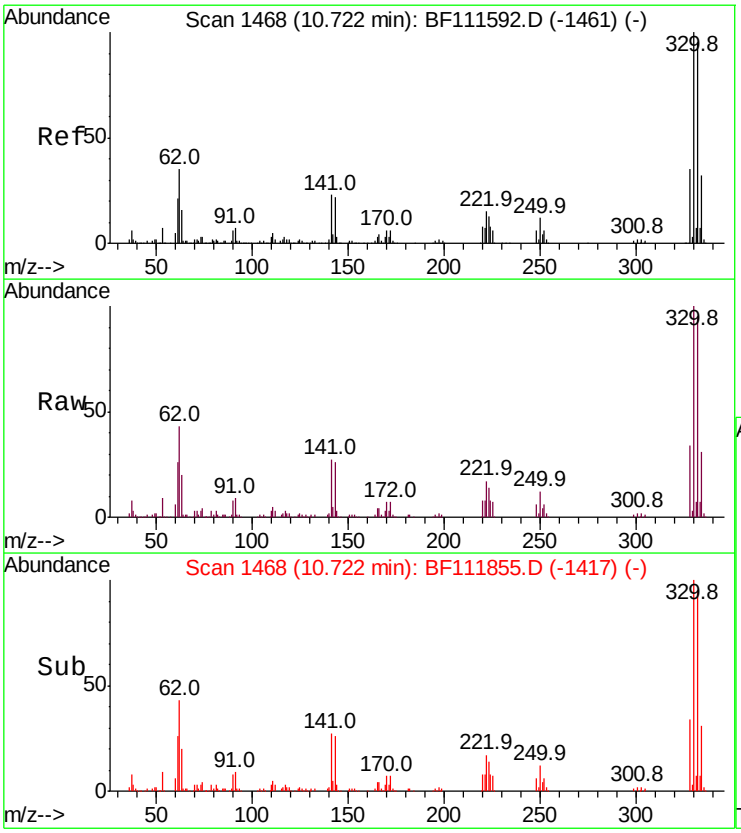
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 267822

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	45.2	35.7	53.5

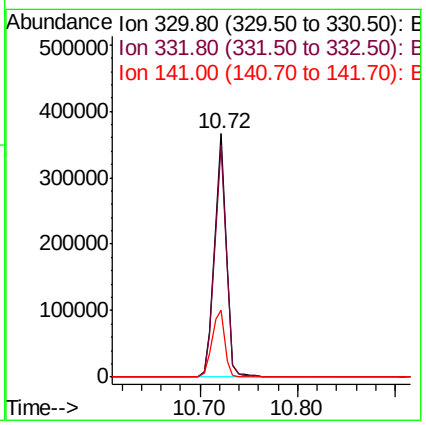


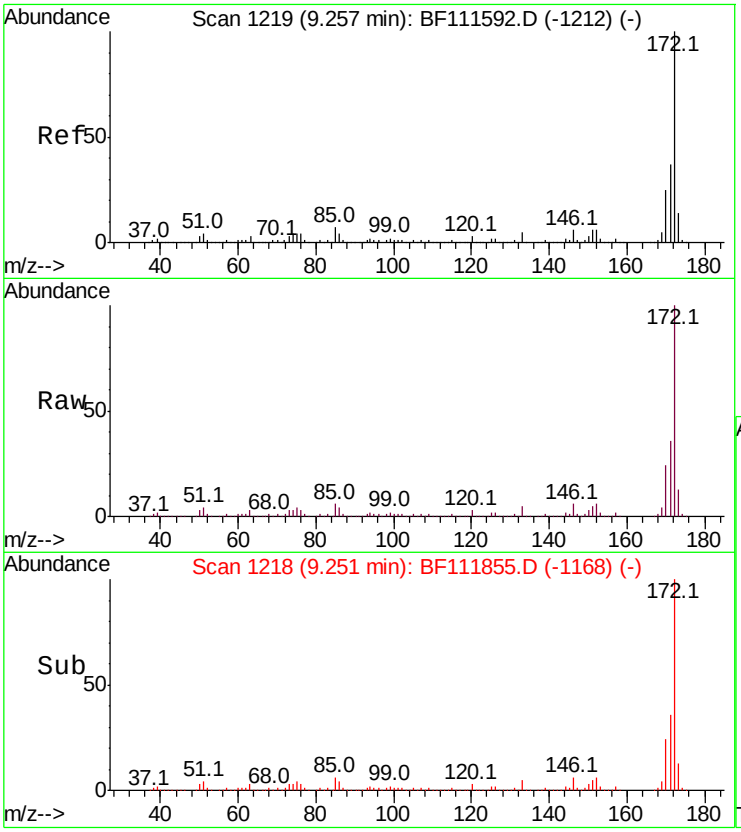


#42
2,4,6-Tribromophenol
Concen: 97.725 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:330 Resp: 309254

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	29.6	31.0	46.6#



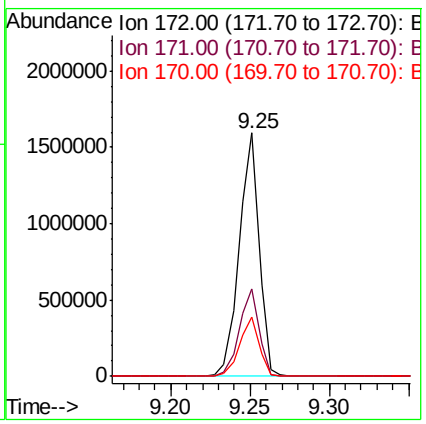


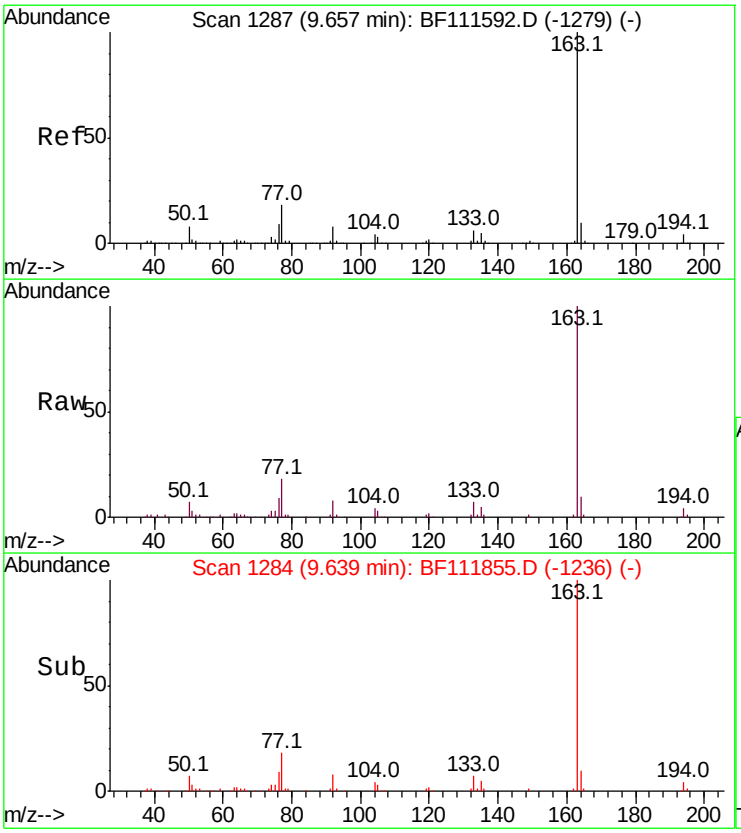
#45
2-Fluorobiphenyl
Concen: 75.432 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1386022

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.3	22.3	33.5

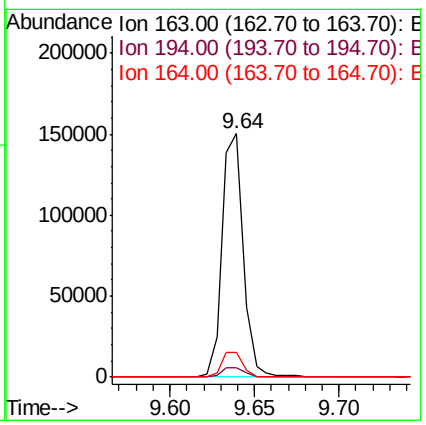


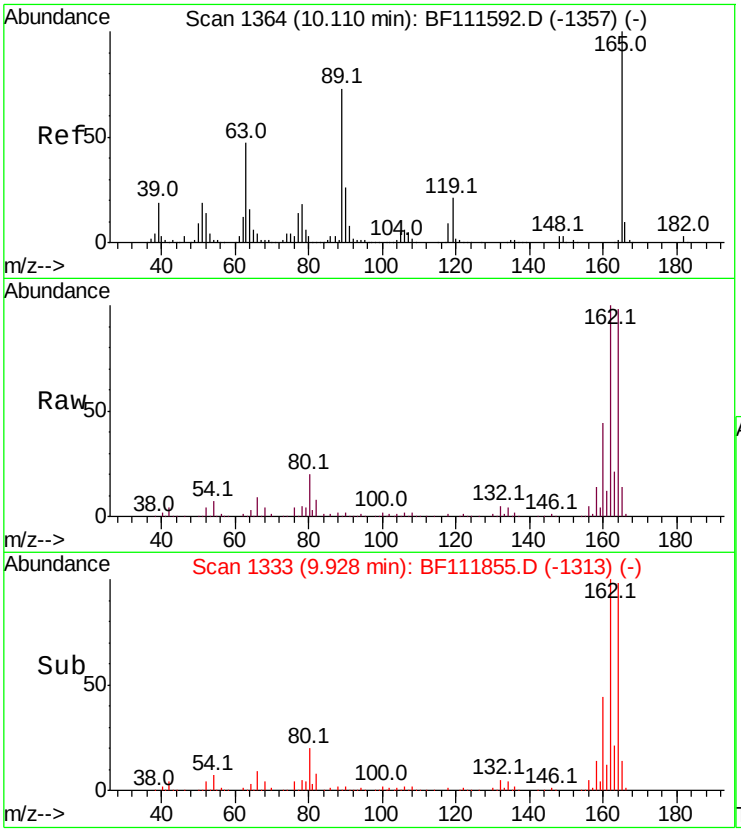


#50
Dimethylphthalate
Concen: 6.689 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:163 Resp: 131003

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.0	8.9	13.3



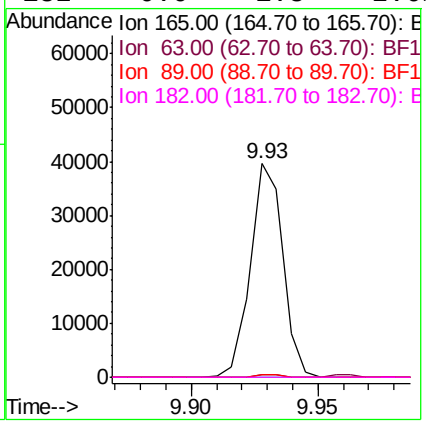


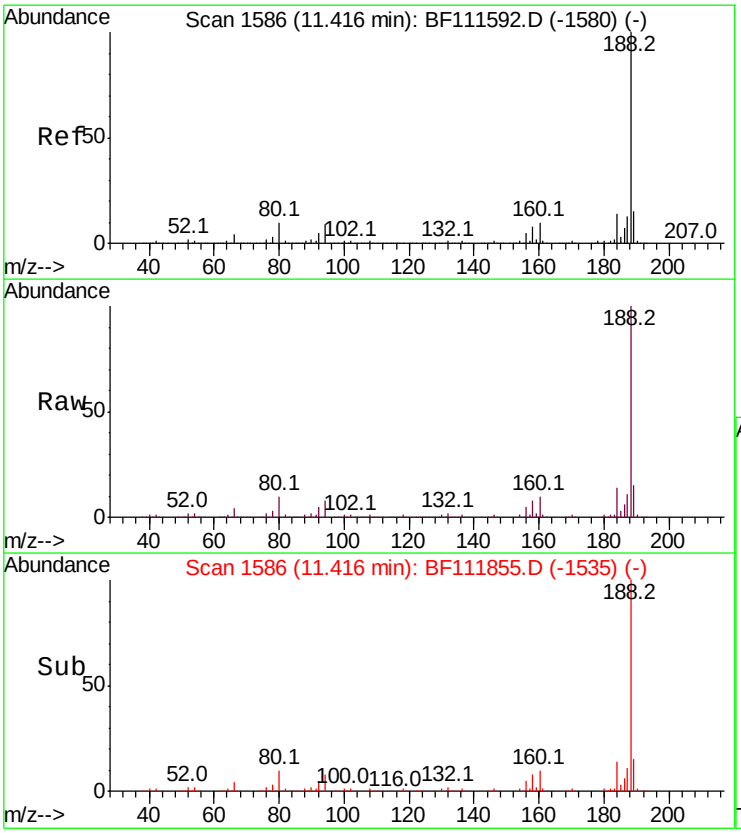
#57
2,4-Dinitrotoluene
Concen: 7.556 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 35464

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#

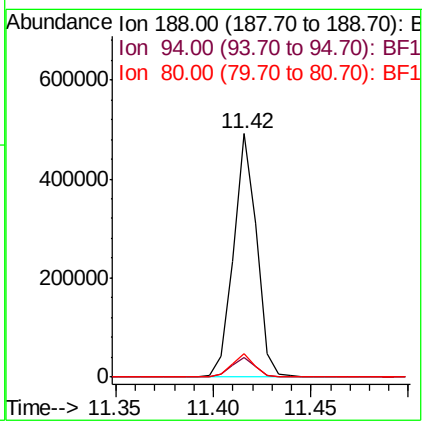


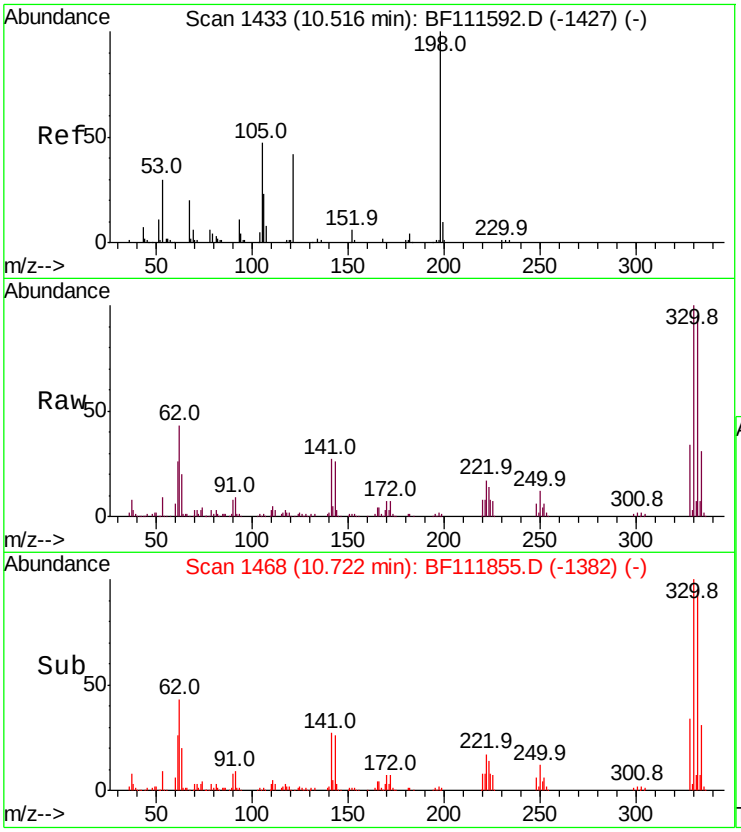


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:188 Resp: 403358

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.6	14.4#
80	9.5	9.8	14.6#



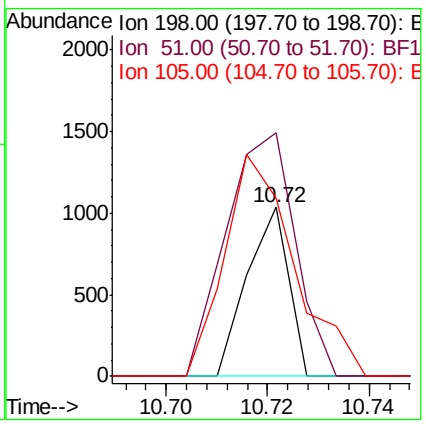


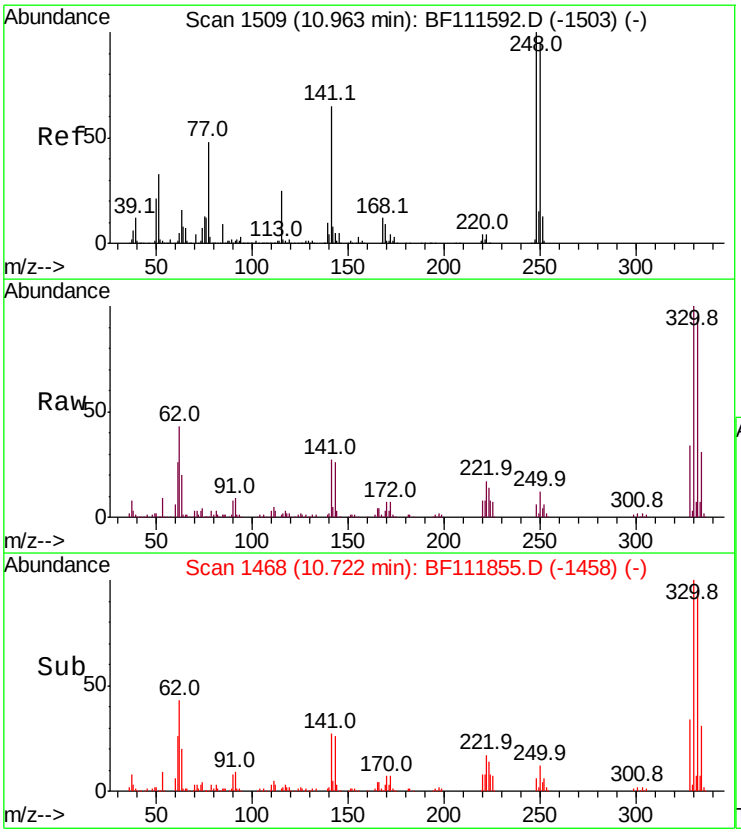
#65
4,6-Dinitro-2-methylphenol
Concen: 6.995 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 586

Ion	Ratio	Lower	Upper
198	100		
51	144.1	48.0	88.0#
105	105.2	34.0	74.0#

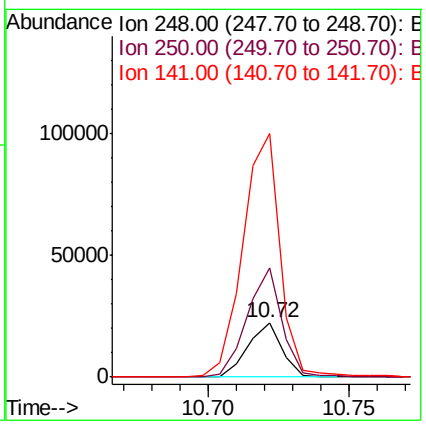


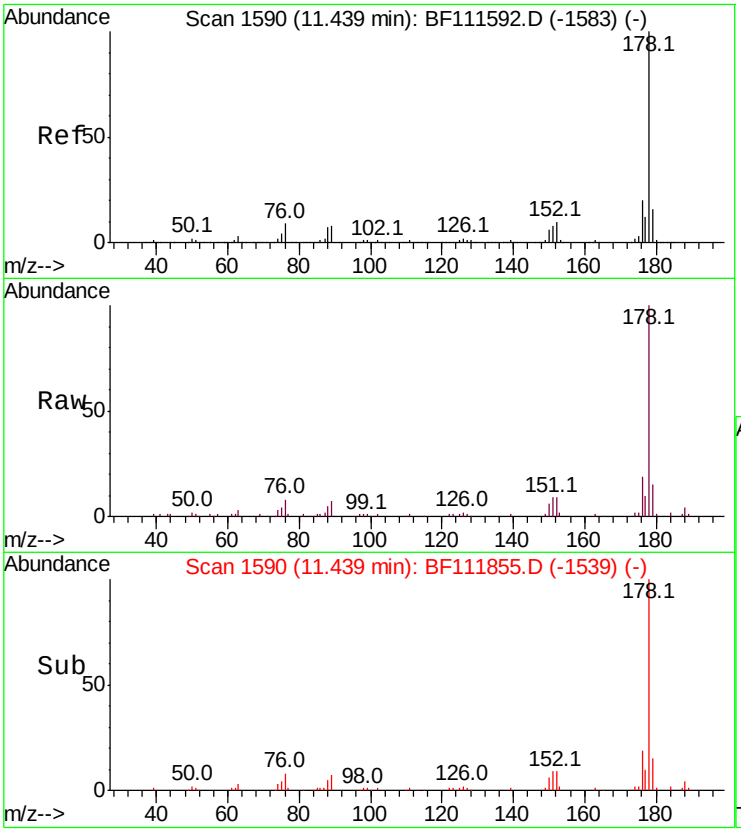


#67
4-Bromophenyl-phenylether
Concen: 3.756 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:248 Resp: 18790

Ion	Ratio	Lower	Upper
248	100		
250	200.1	77.0	115.4#
141	444.9	63.0	94.6#



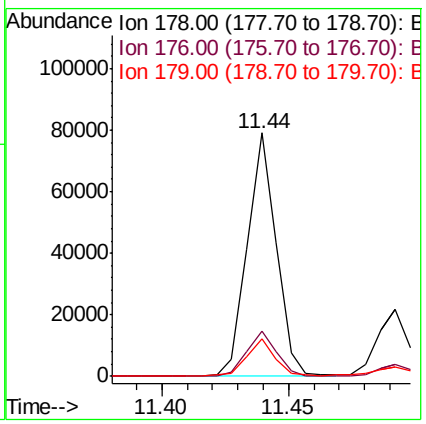


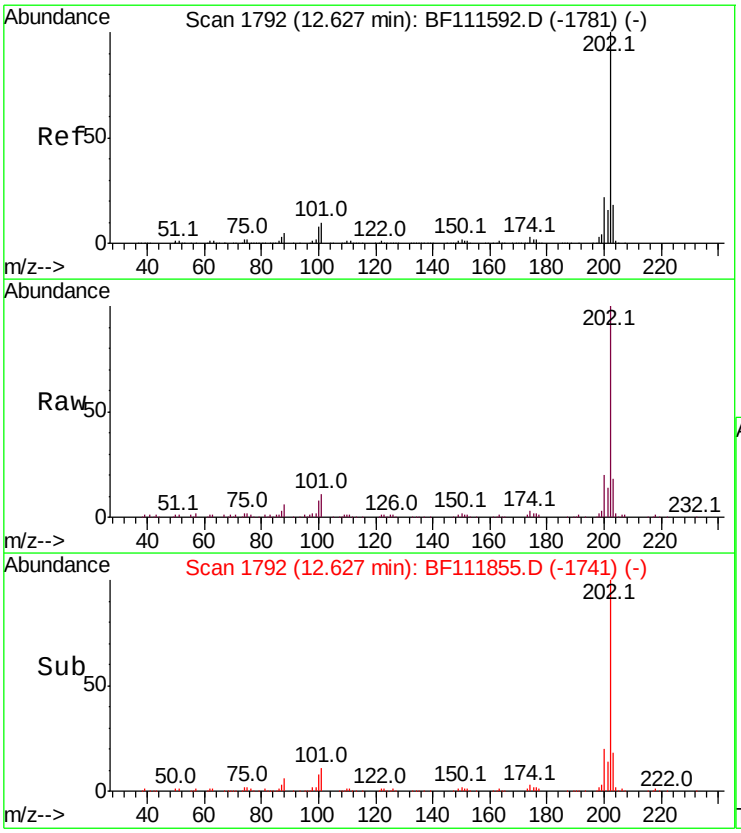
#71
Phenanthrene
Concen: 2.955 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 63213

Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.1	27.1
179	15.4	14.0	21.0

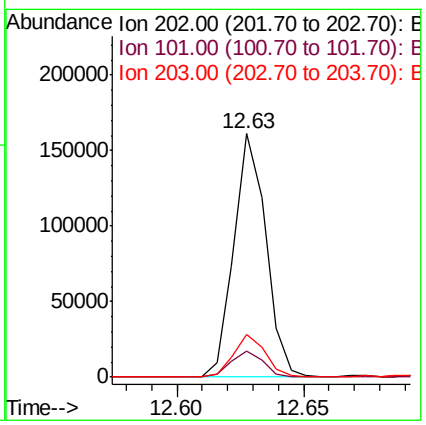


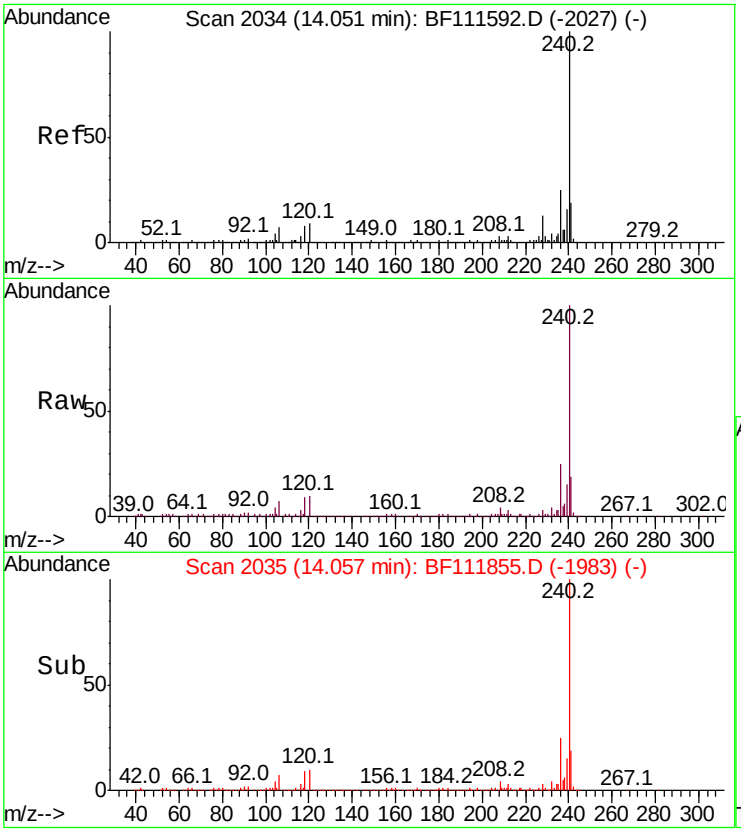


#75
Fluoranthene
Concen: 6.576 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:202 Resp: 142454

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	17.5	0.0	38.6



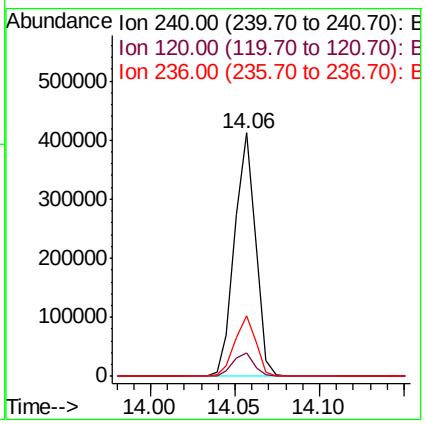


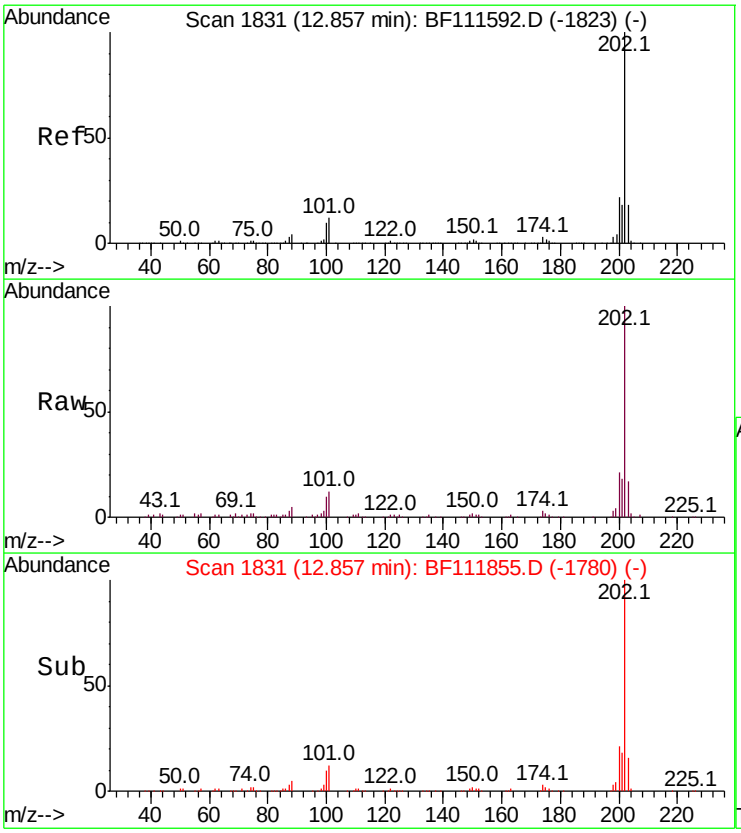
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 354676

Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.2	18.2#
236	25.0	20.2	30.2

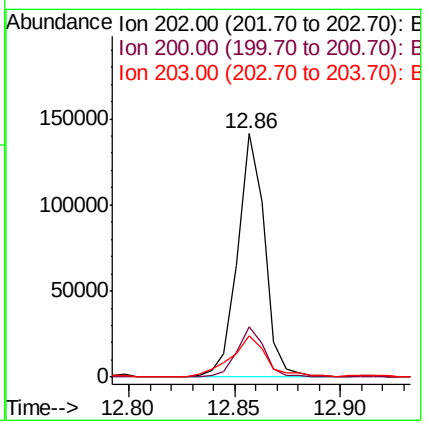


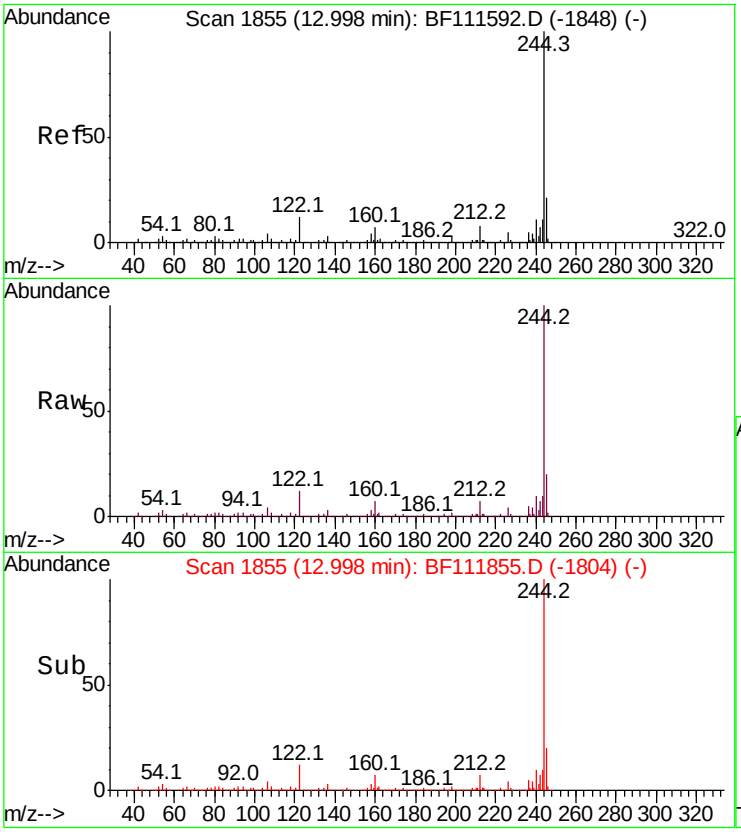


#78
Pyrene
Concen: 5.031 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:202 Resp: 126007

Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.0	28.4
203	16.9	15.2	22.8



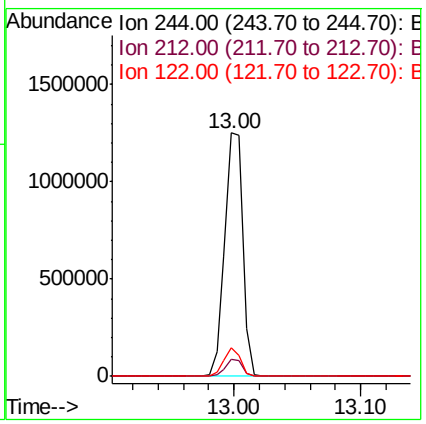


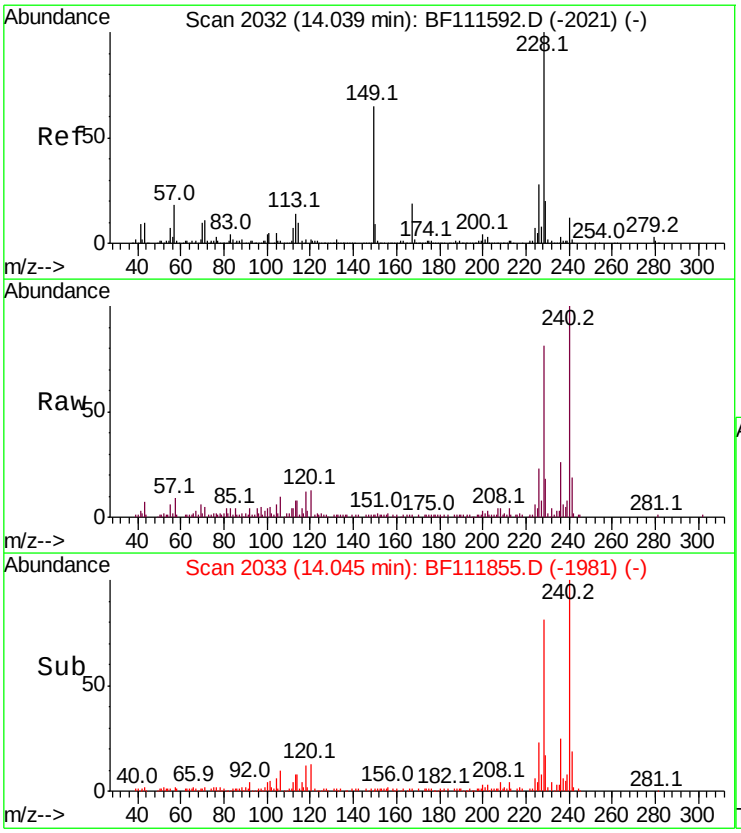
#79
Terphenyl-d14
Concen: 66.246 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1238970

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.8	13.1	19.7#

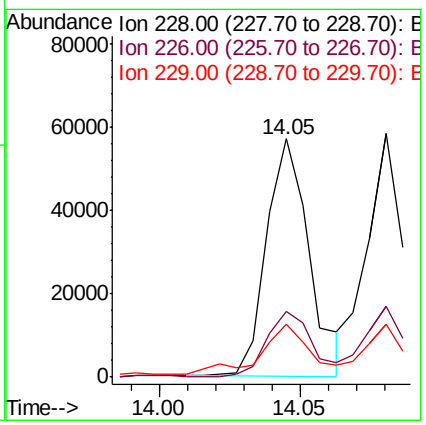


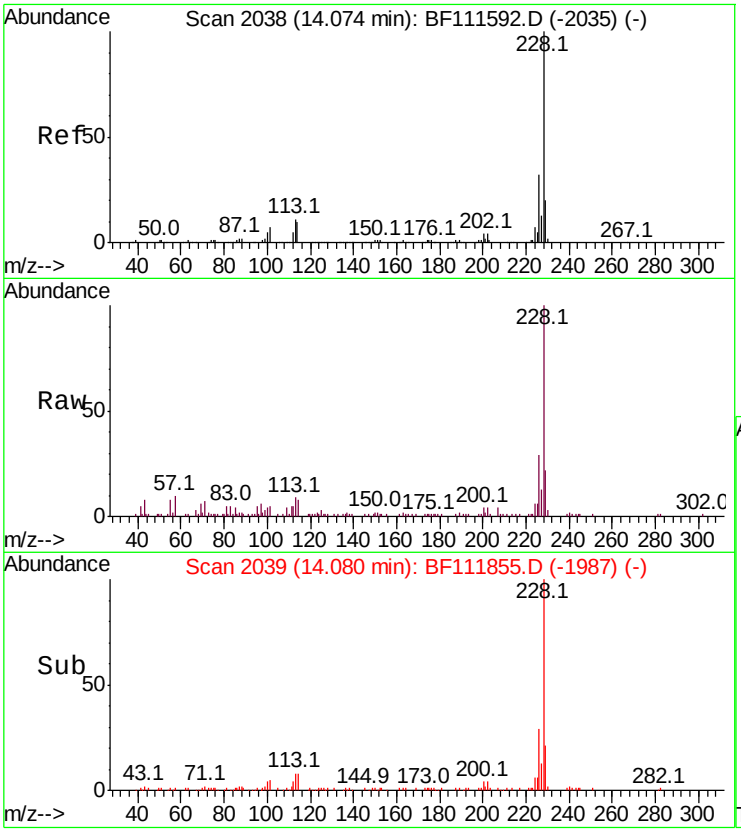


#81
Benzo(a)anthracene
Concen: 2.942 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:228 Resp: 59558

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	22.0	16.3	24.5



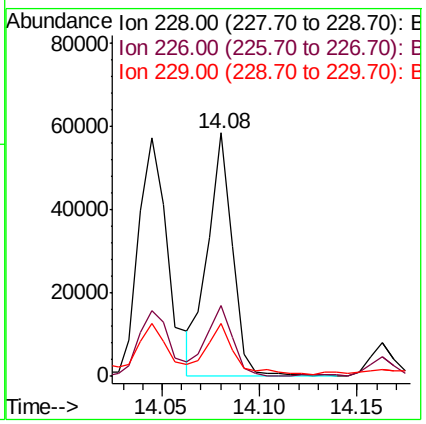


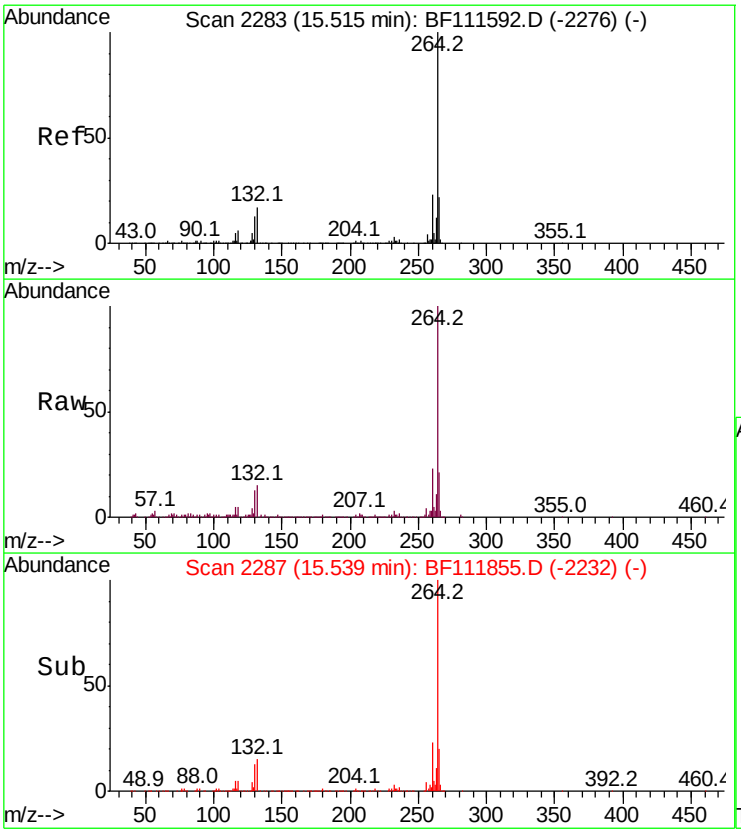
#83
Chrysene
Concen: 2.607 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 51862

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.3	37.9
229	21.9	17.2	25.8

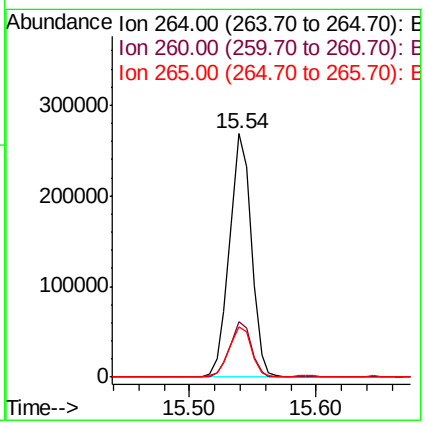


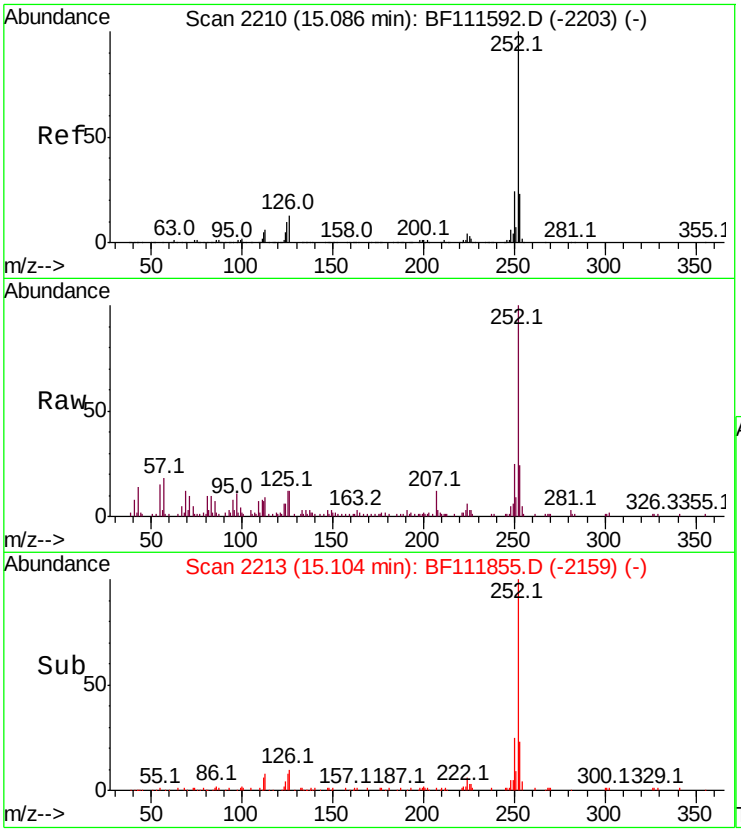


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:264 Resp: 318252

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	20.6	17.7	26.5



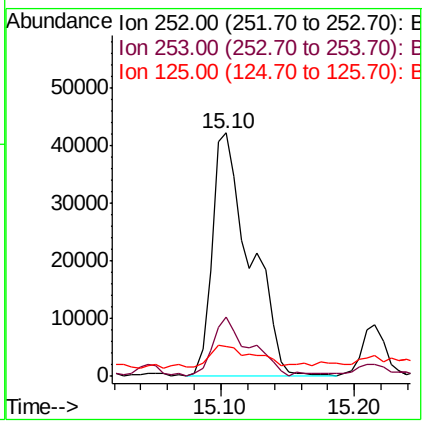


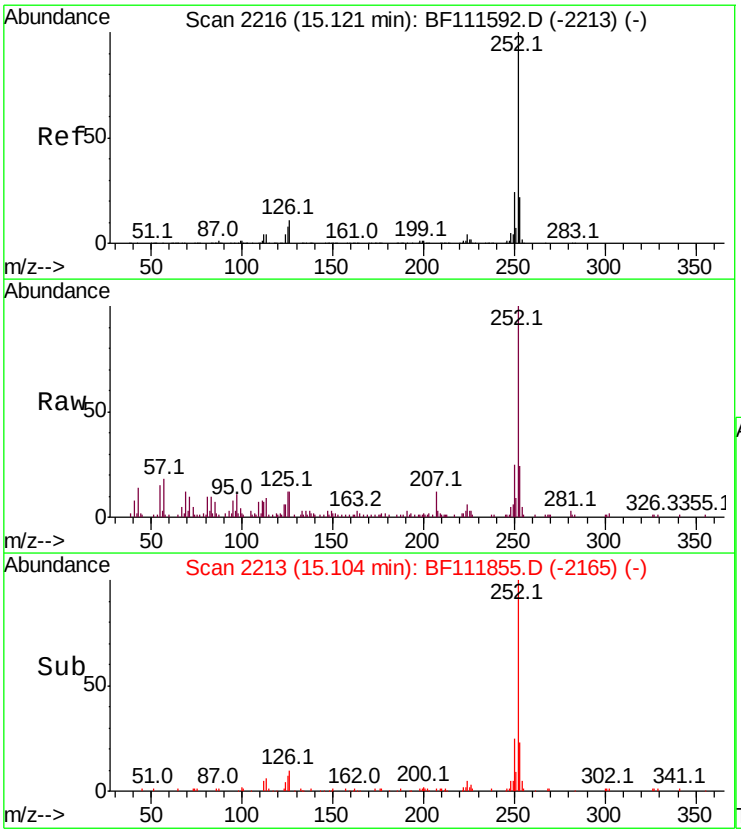
#88
Benzo(b)fluoranthene
Concen: 4.509 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 83866

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	12.3	10.4	15.6

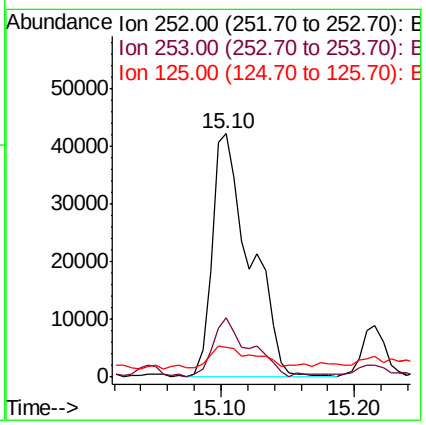


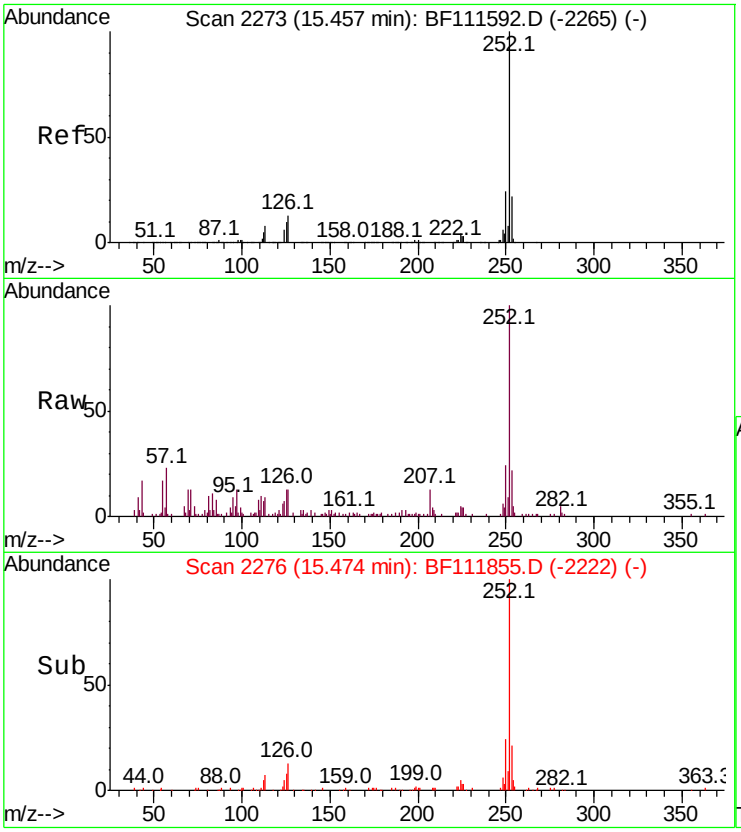


#89
Benzo(k)fluoranthene
Concen: 4.736 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion:252 Resp: 83866

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	12.3	9.8	14.8





#90
Benzo(a)pyrene
Concen: 2.655 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 44862

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	13.2	12.3	18.5