Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

Quantitation Report (Not Reviewed)

Data File : BF111459.D
Acq On : 15 Dec 2018 10:55
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Time: Dec 16 00:40:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149877	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	595281	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	290544	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	517303	20.00	ng		0.00
76) Chrysene-d12	13.95	240	337217	20.00	ng		0.00
87) Perylene-d12	15.39	264	321485	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1208589	134.19	ng		0.01
7) Phenol-d6	6.44	99	1551361	129.49	ng		0.00
23) Nitrobenzene-d5	7.36	82	950235	95.06	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	315759	121.32	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1390093	73.90	ng		0.00
79) Terphenyl-d14	12.90	244	1206683	84.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	106140	7.953	ng		99
19) n-Nitroso-di-n-propylamine	7.36	70	125136	15.832	ng	#	78
25) Isophorone	7.36	82	950217	56.178	ng	#	64
50) Dimethylphthalate	9.55	163	189372	9.050	ng		98
57) 2,4-Dinitrotoluene	9.83	165	35900	5.807	ng	#	25
67) 4-Bromophenyl-phenylether	10.62	248	20426	3.664	ng	#	1
75) Fluoranthene	12.52	202	259236	9.941	ng		97
78) Pyrene	12.75	202	223368	9.395	ng		95
81) Benzo(a)anthracene	13.94	228	90939	4.960	ng		99
83) Chrysene	13.97	228	82195	4.255	ng		98
86) Indeno(1,2,3-cd)pyrene	16.80	276	52135	3.740	ng		92
88) Benzo(b)fluoranthene	14.97	252	142734	7.615	ng		98
89) Benzo(k)fluoranthene	14.97	252	142734	7.970	ng	#	97
90) Benzo(a)pyrene	15.33	252	73341	4.339	ng		99
92) Benzo(g,h,i)perylene	17.23	276	51483	3.934	ng		94

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

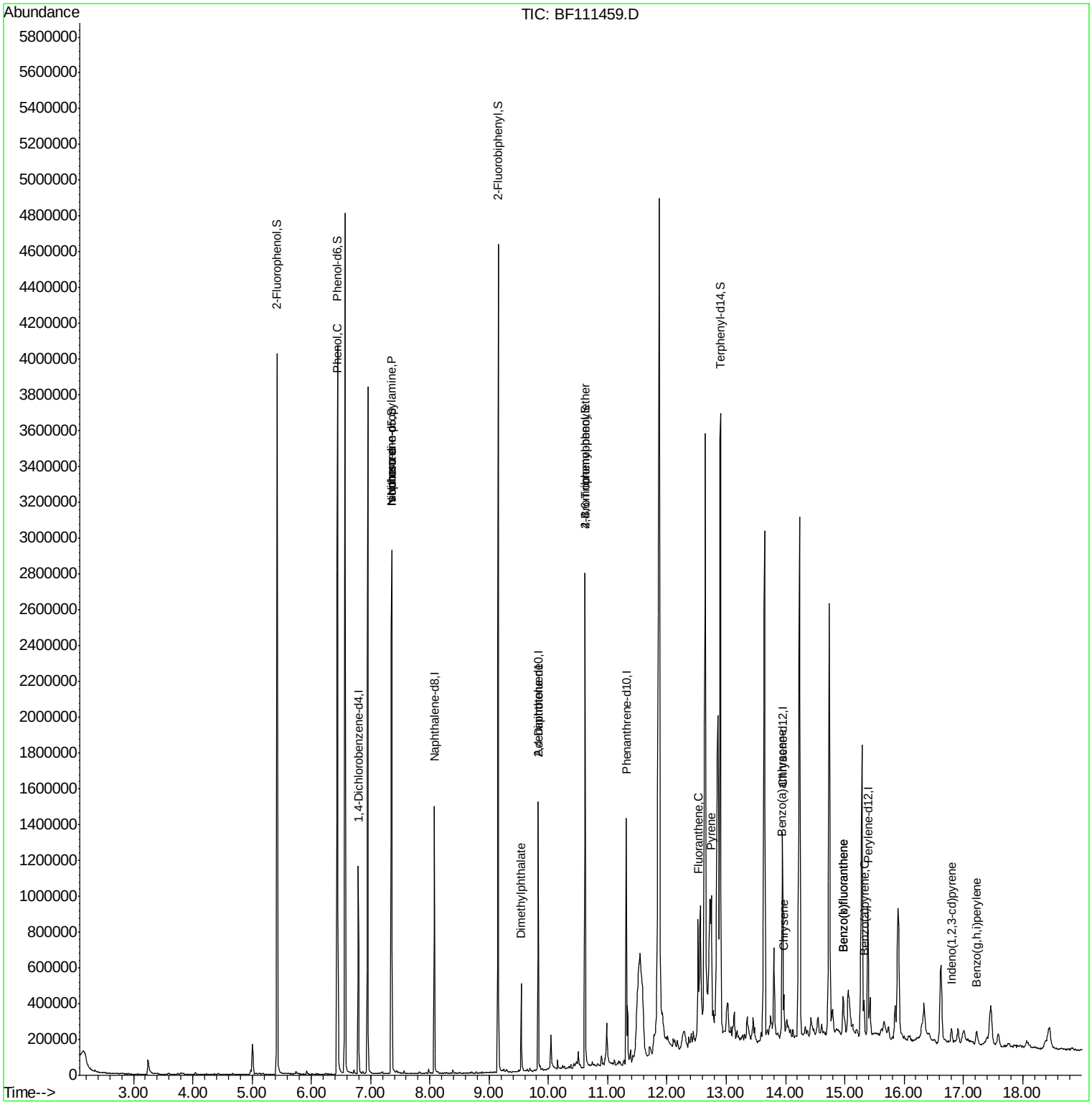
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

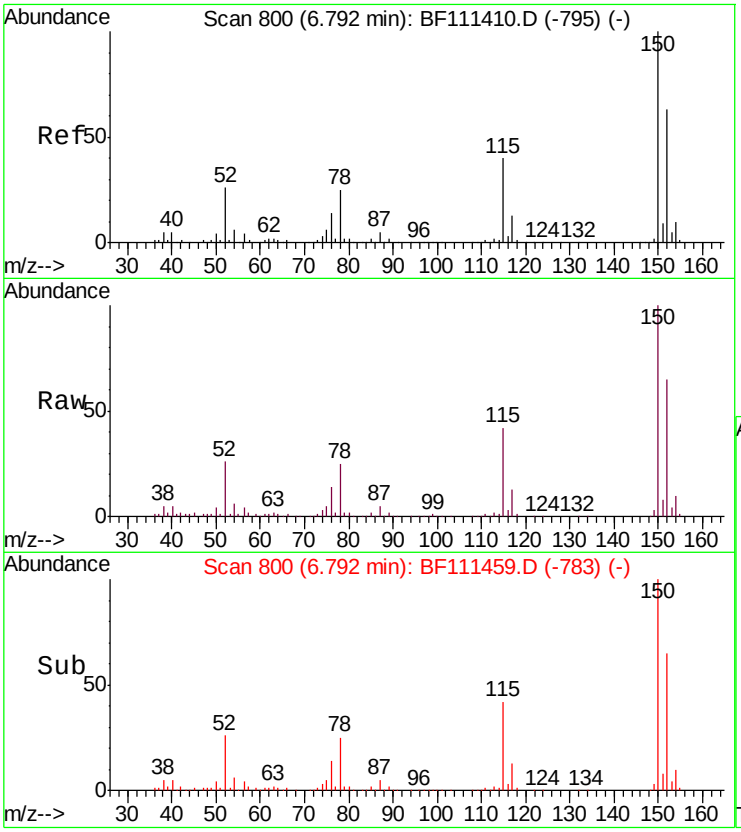
Quantitation Report (Not Reviewed)

Data File : BF111459.D
Acq On : 15 Dec 2018 10:55
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Dec 16 00:40:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



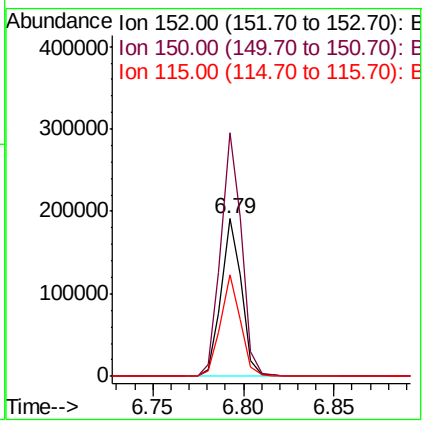


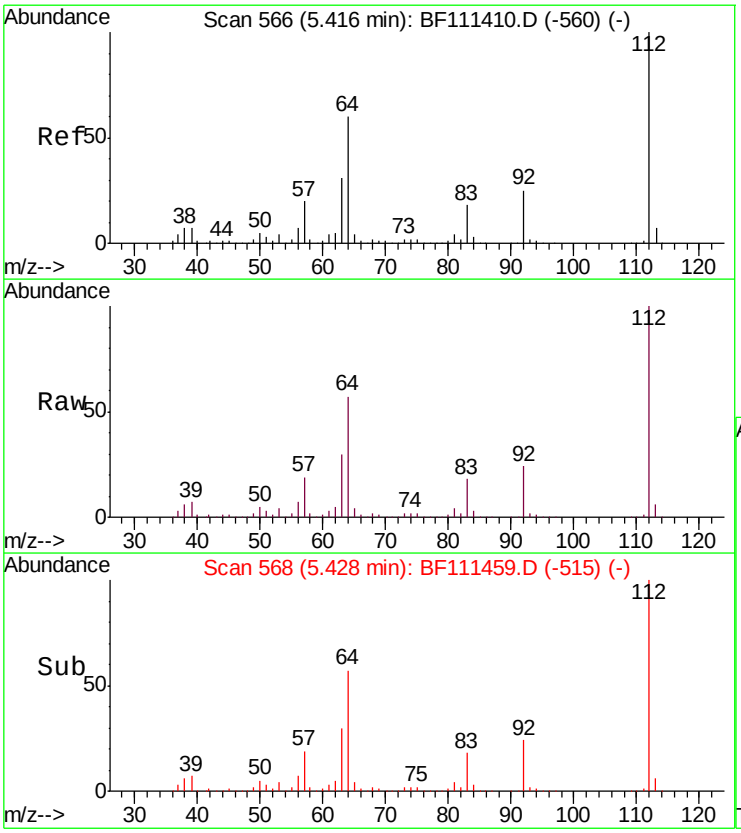
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 149877

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	64.5	50.7	76.1

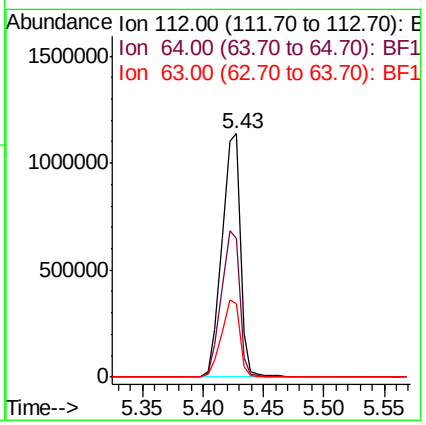


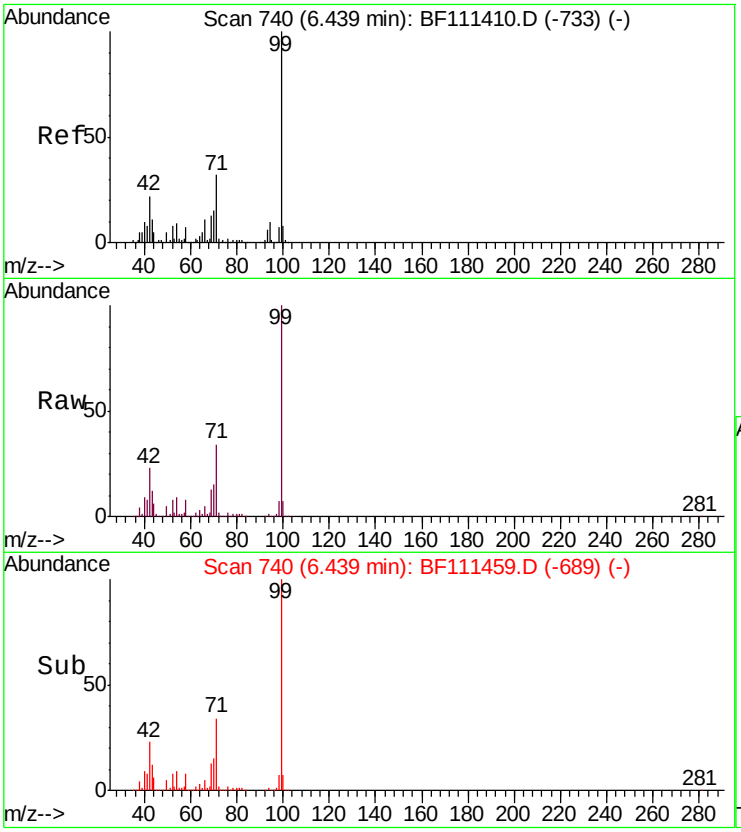


#5
2-Fluorophenol
Concen: 134.188 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:112 Resp: 1208589

Ion	Ratio	Lower	Upper
112	100		
64	57.0	51.8	77.6
63	30.1	26.8	40.2



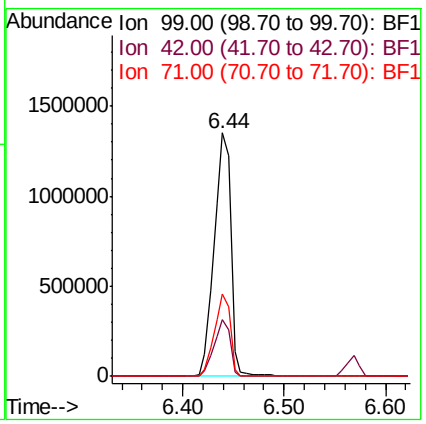


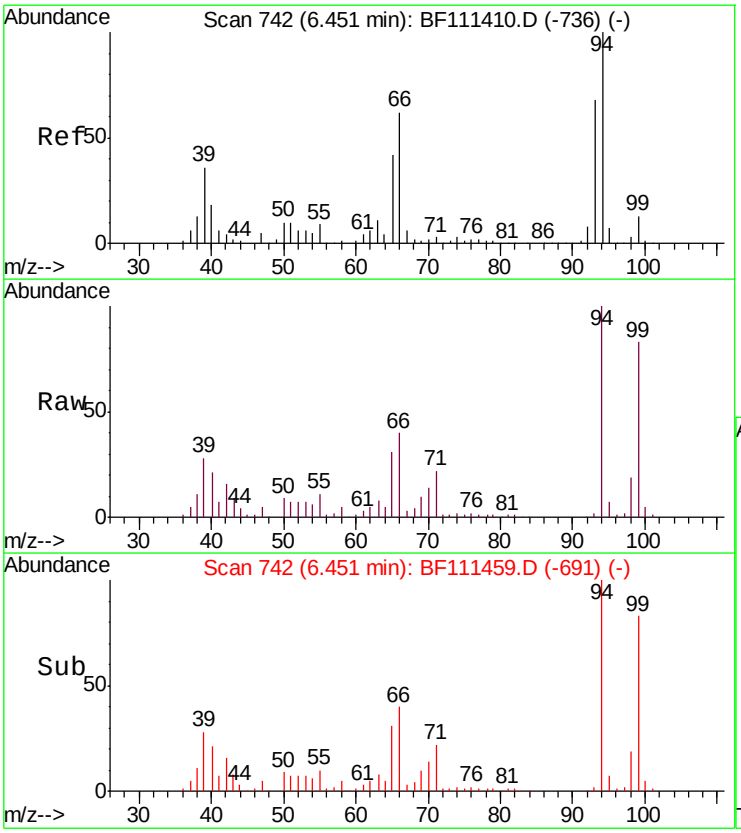
#7
Phenol-d6
Concen: 129.491 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1551361

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.4	26.0
71	33.9	26.1	39.1

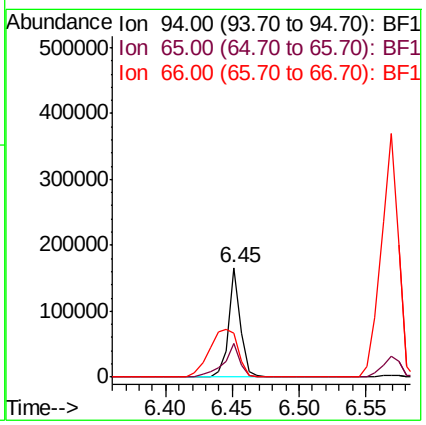


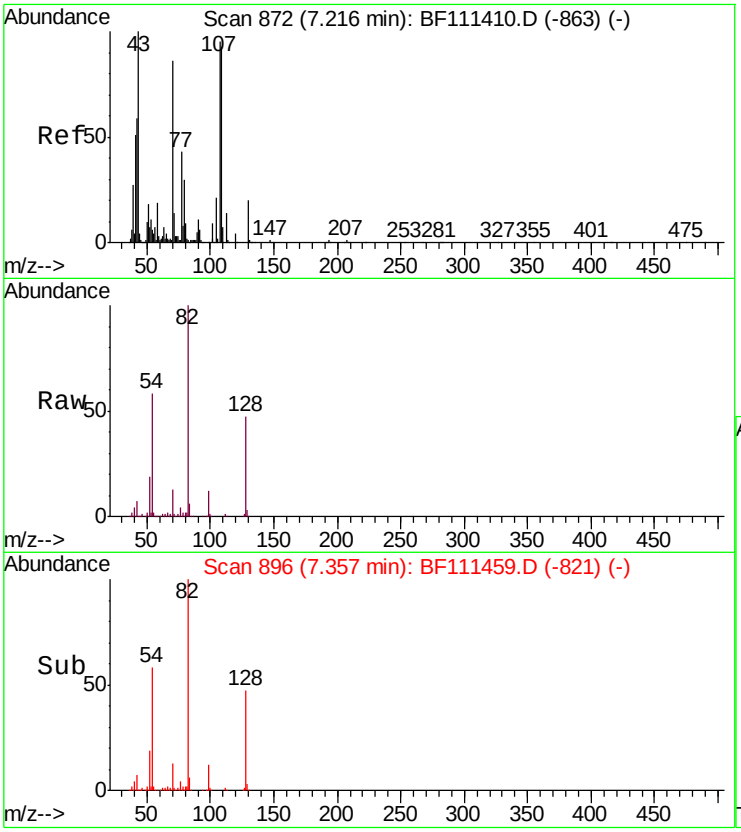


#10
Phenol
Concen: 7.953 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion: 94 Resp: 106140

Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.7	51.7
66	40.5	21.0	61.0



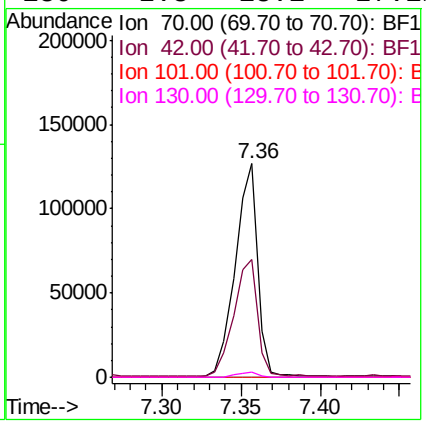


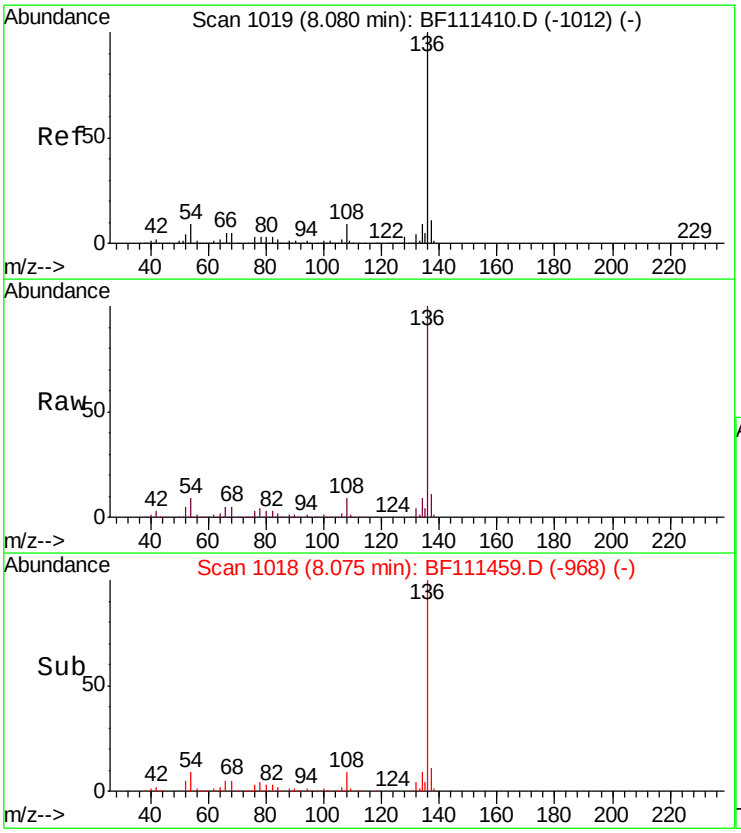
#19
n-Nitroso-di-n-propylamine
Concen: 15.832 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 70 Resp: 125136

Ion	Ratio	Lower	Upper
70	100		
42	55.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#

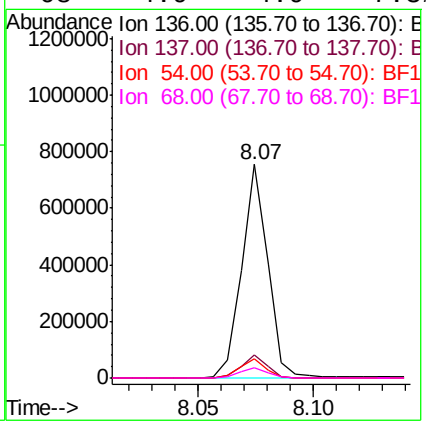


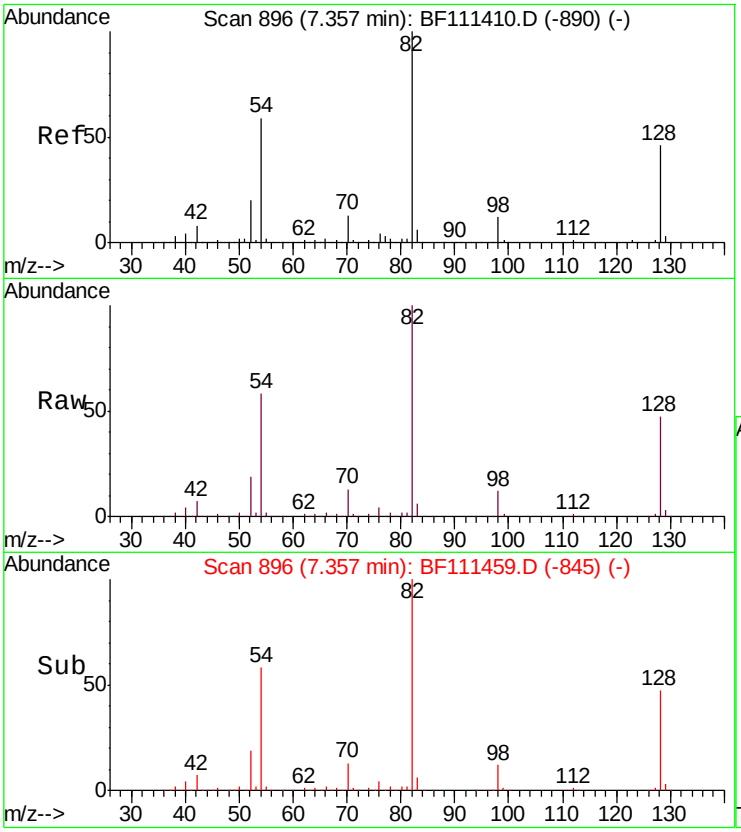


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:136 Resp: 595281

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.0	7.7	11.5
68	4.9	4.9	7.3#



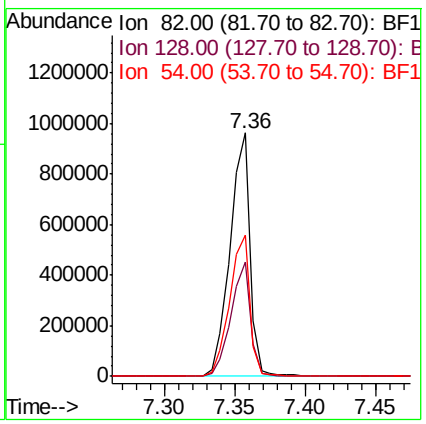


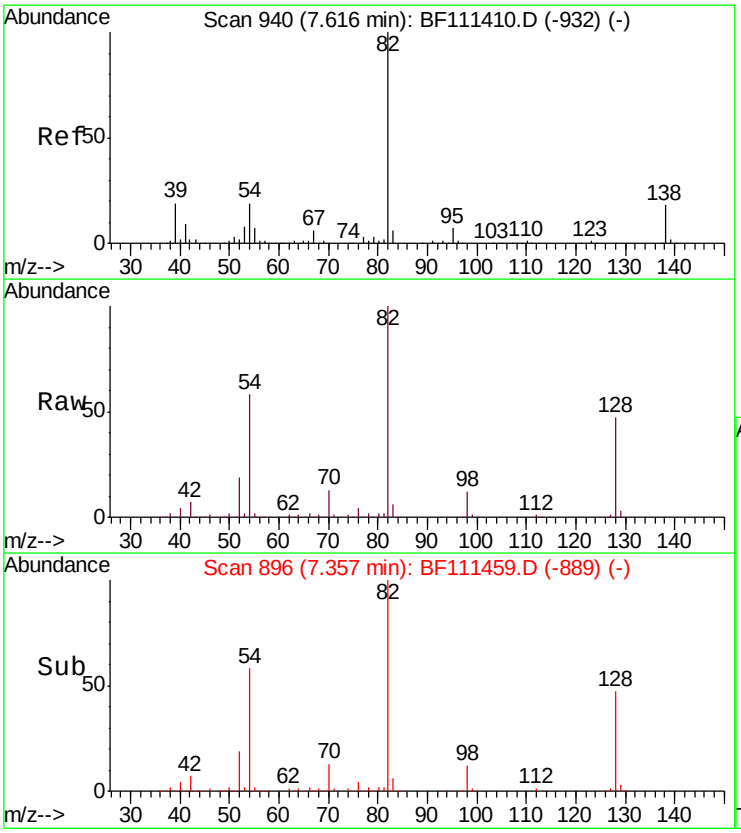
#23
Nitrobenzene-d5
Concen: 95.056 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 950235

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.4	56.2
54	57.9	47.6	71.4

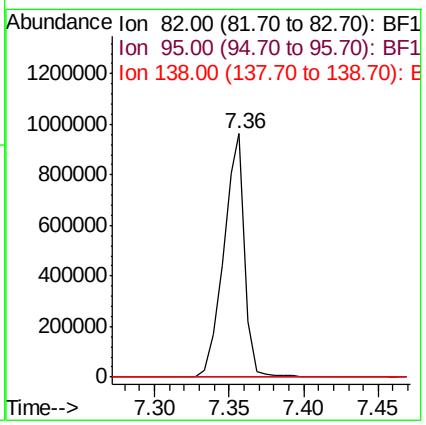


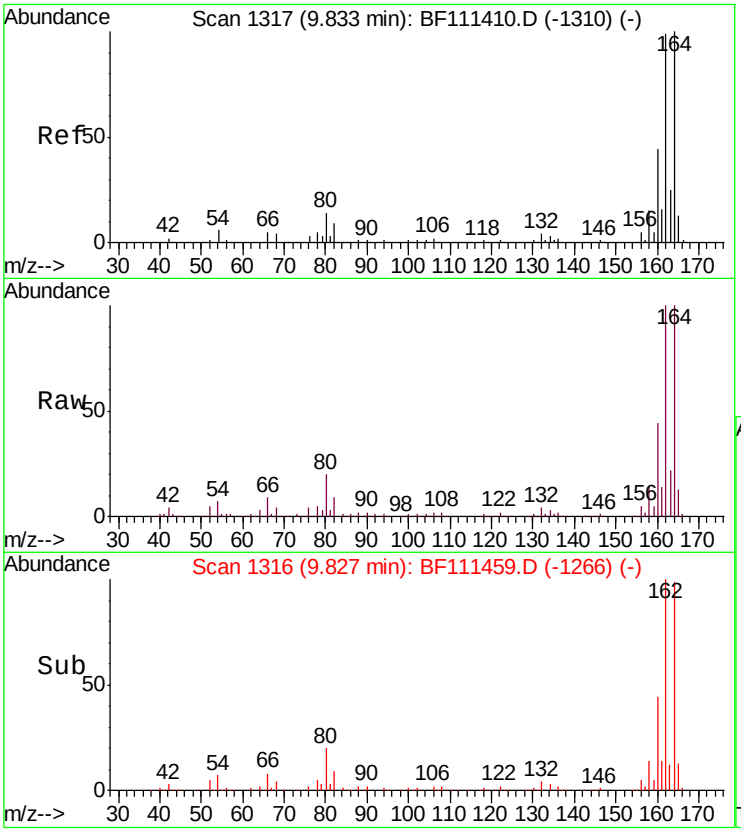


#25
Isophorone
Concen: 56.178 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion: 82 Resp: 950217

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



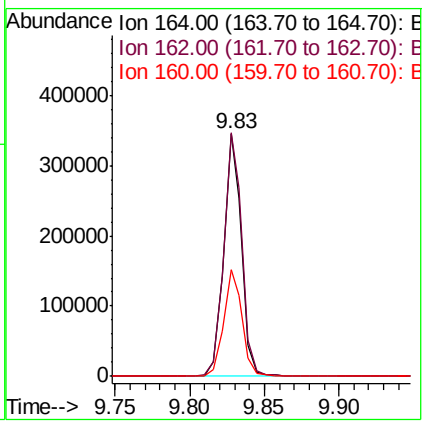


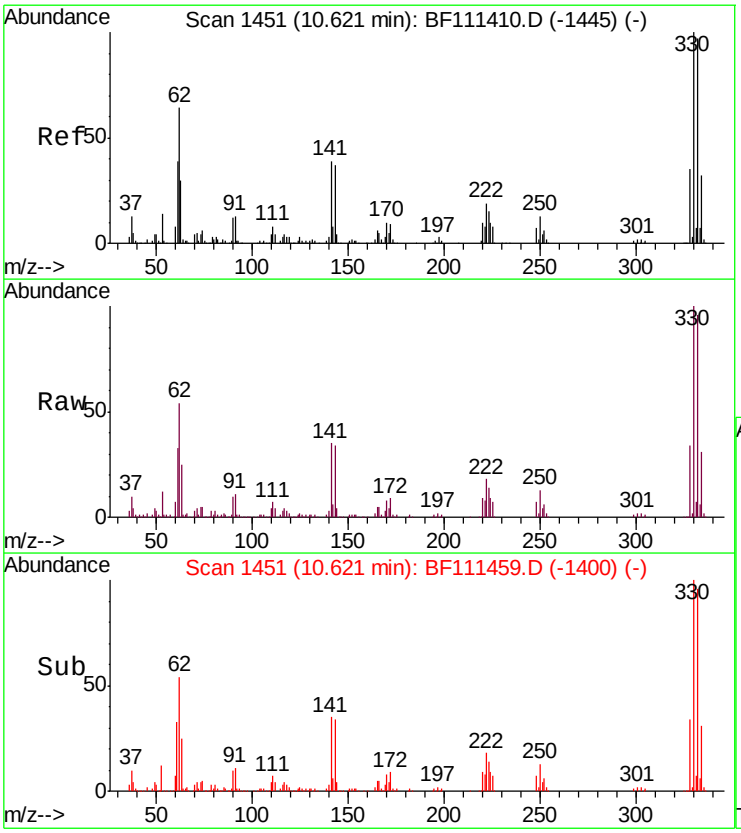
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:164 Resp: 290544

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.0	35.7	53.5

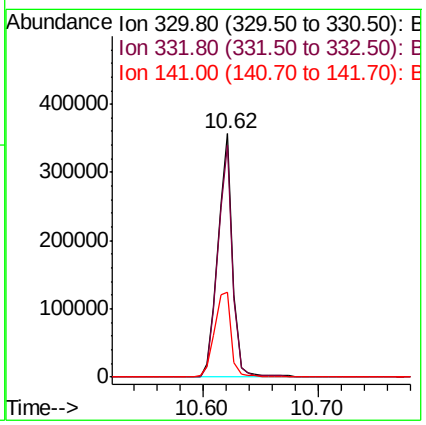


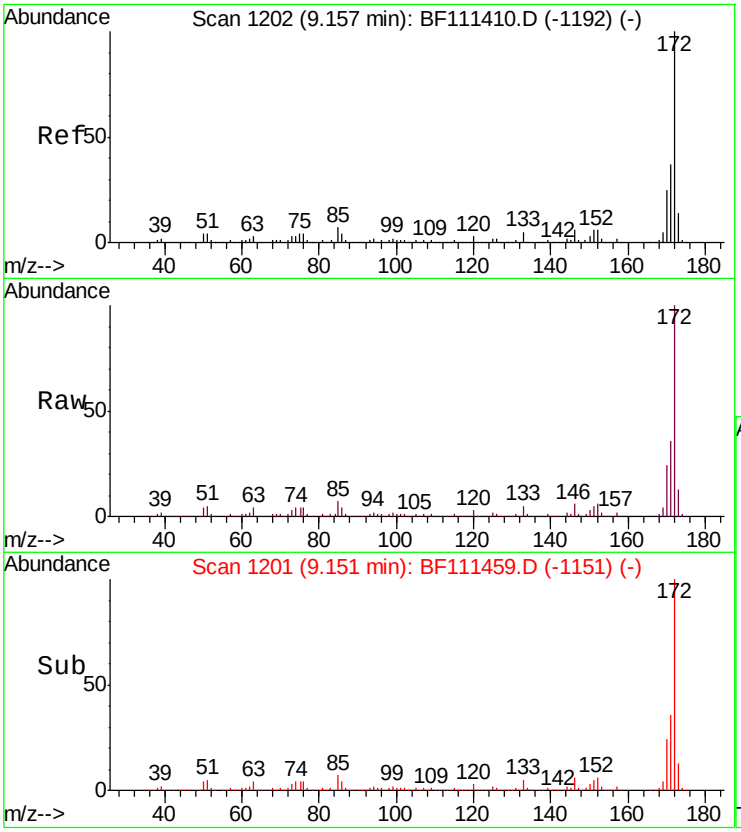


#42
2,4,6-Tribromophenol
Concen: 121.322 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:330 Resp: 315759

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	40.1	31.0	46.6



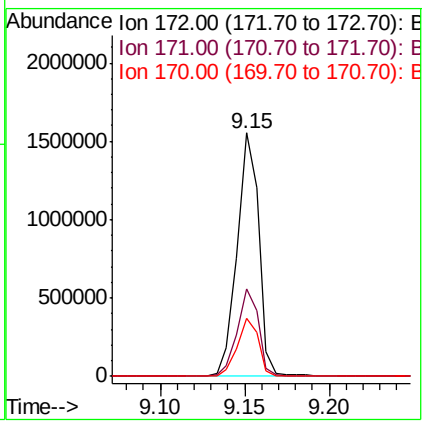


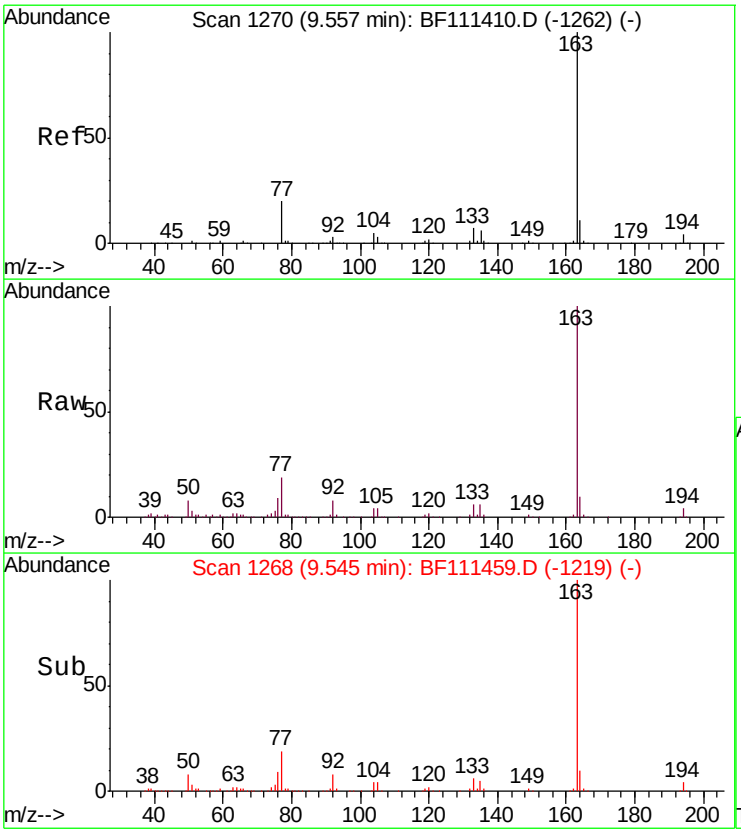
#45
2-Fluorobiphenyl
Concen: 73.902 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 1390093

Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	23.6	22.3	33.5

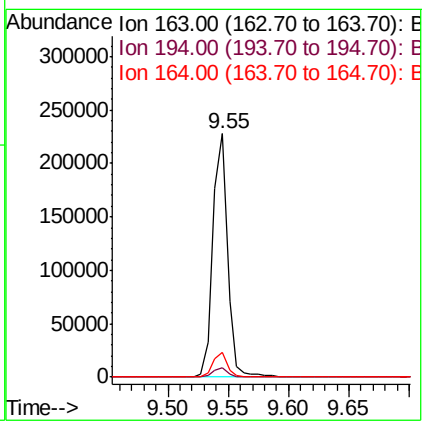


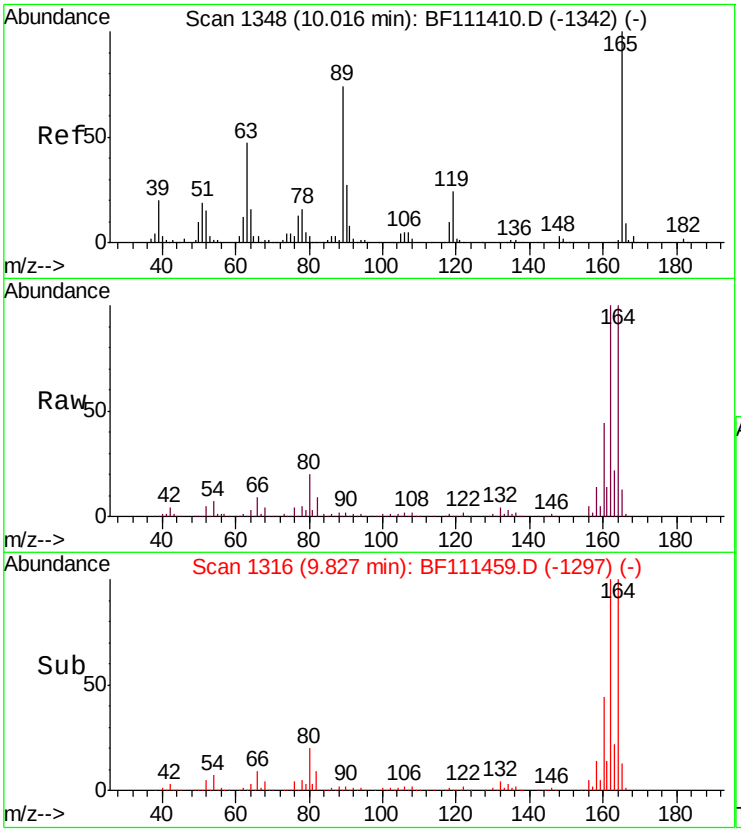


#50
Dimethylphthalate
Concen: 9.050 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:163 Resp: 189372

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	8.9	13.3



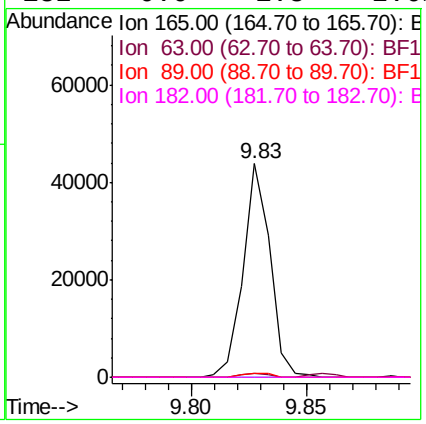


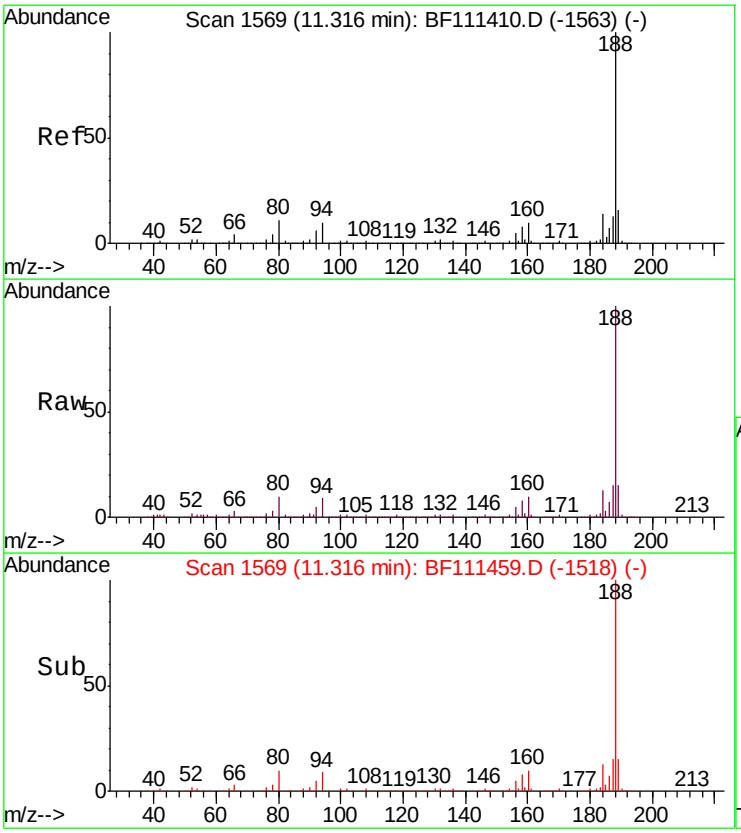
#57
2,4-Dinitrotoluene
Concen: 5.807 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 35900

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#

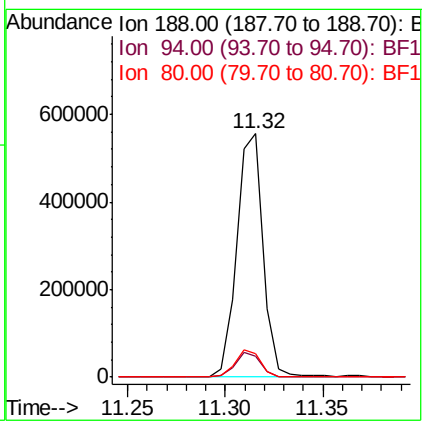


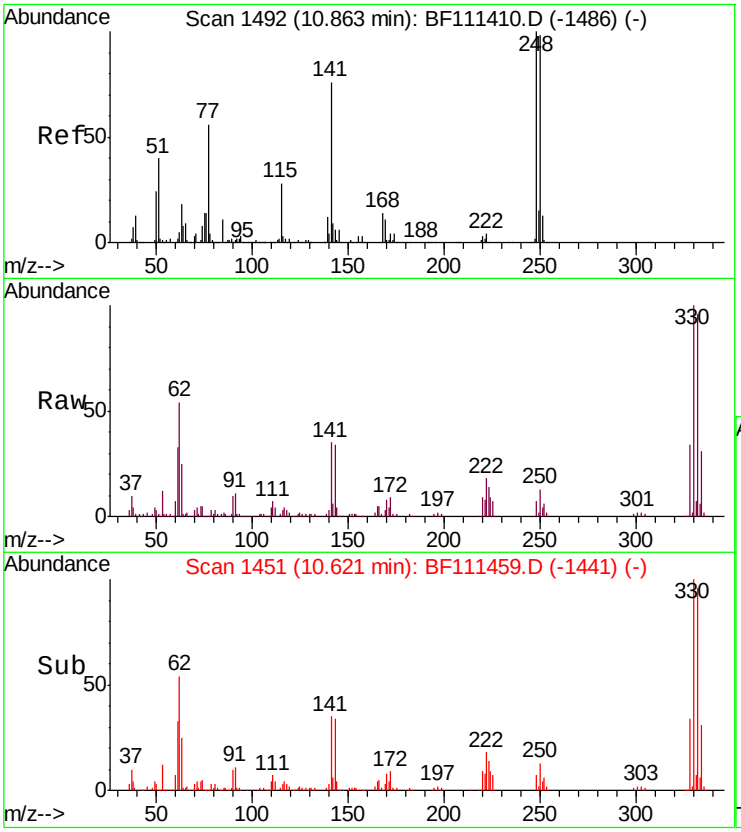


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:188 Resp: 517303

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.6	14.4#
80	9.7	9.8	14.6#



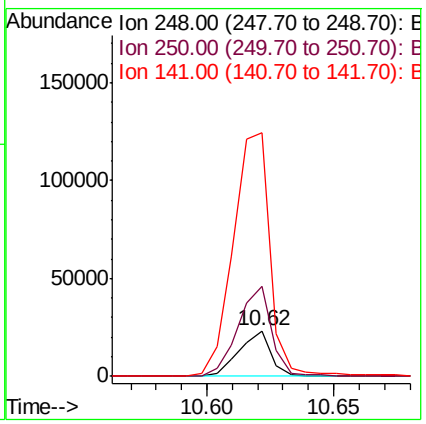


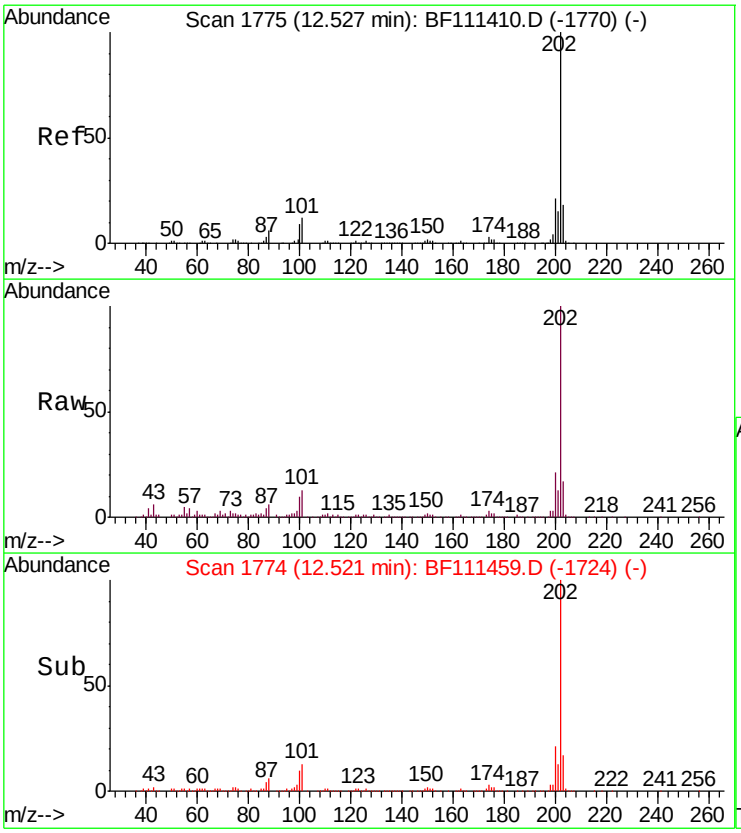
#67
4-Bromophenyl-phenylether
Concen: 3.664 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 20426

Ion	Ratio	Lower	Upper
248	100		
250	196.8	77.0	115.4#
141	534.2	63.0	94.6#

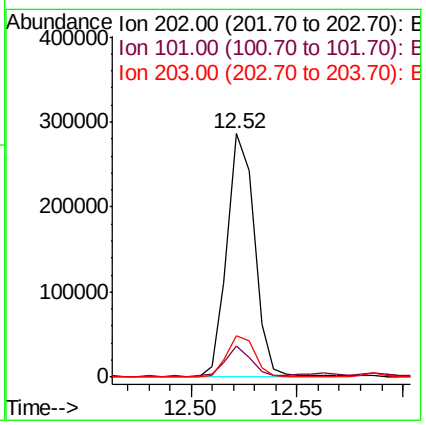


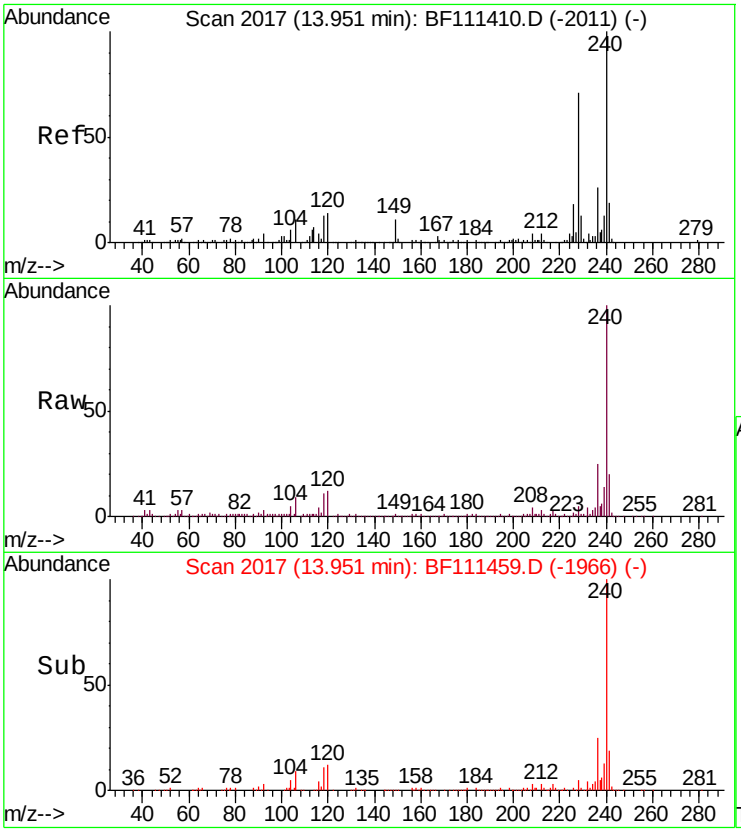


#75
Fluoranthene
Concen: 9.941 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:202 Resp: 259236

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.8
203	17.2	0.0	38.6



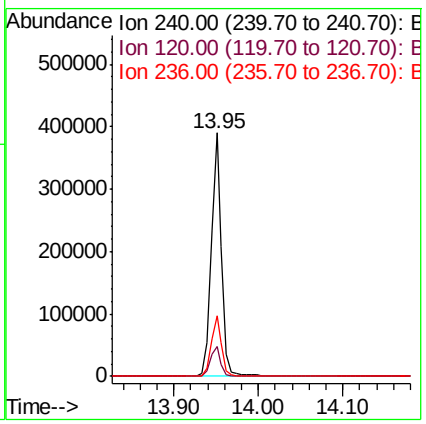


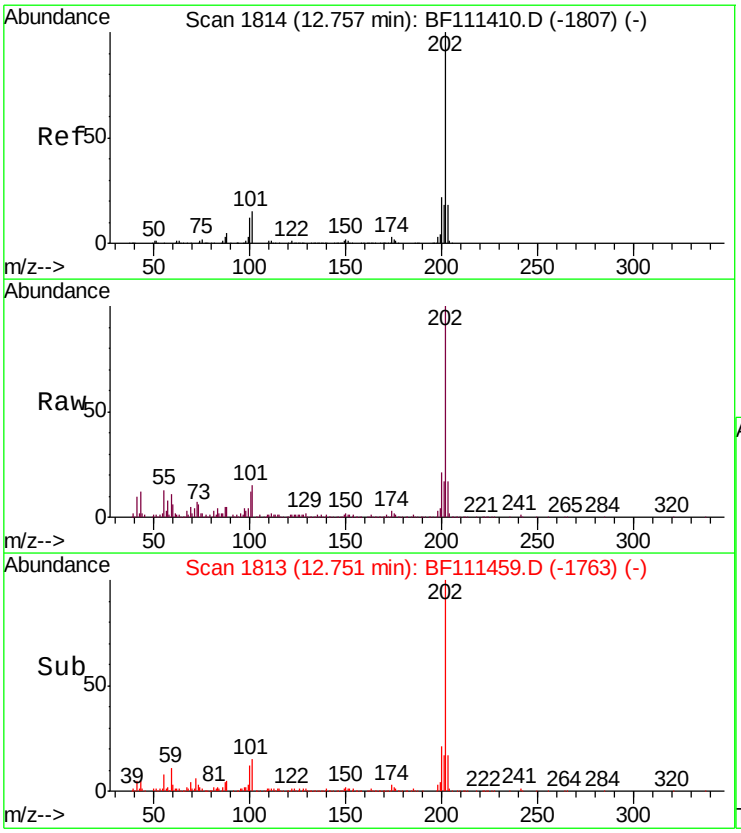
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 337217

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.2	18.2
236	24.8	20.2	30.2

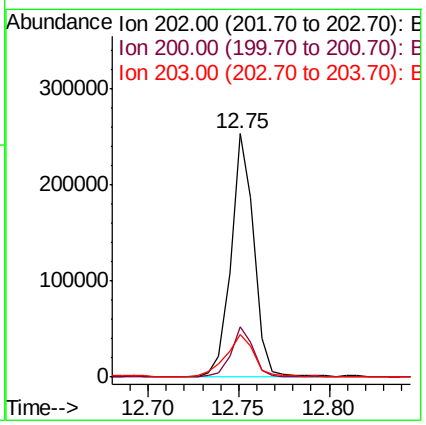


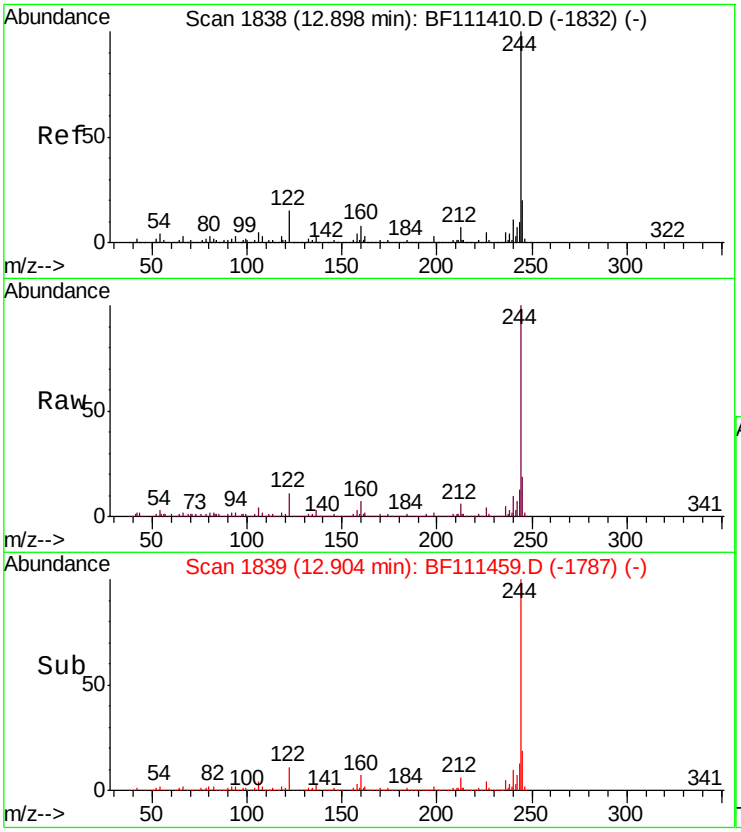


#78
Pyrene
Concen: 9.395 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:202 Resp: 223368

Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.0	28.4
203	17.3	15.2	22.8



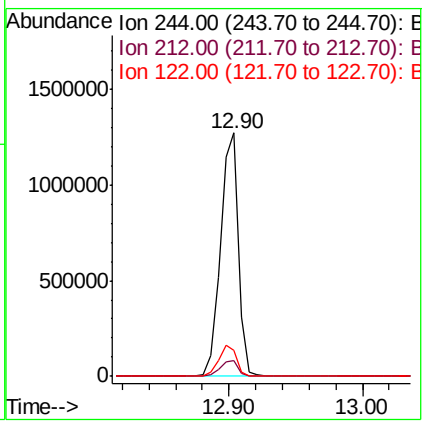


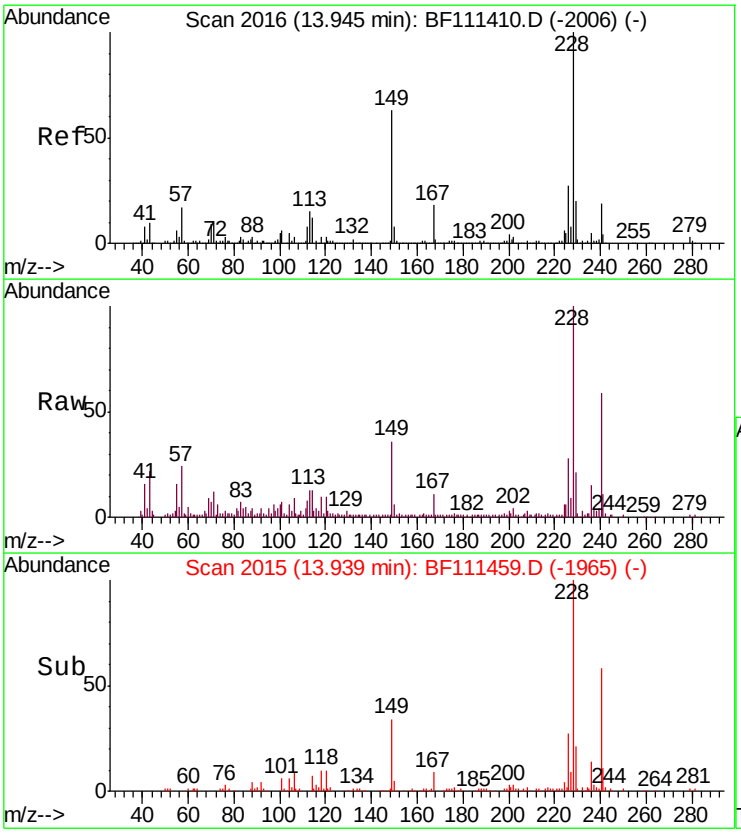
#79
Terphenyl-d14
Concen: 84.028 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 1206683

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	10.8	13.1	19.7#

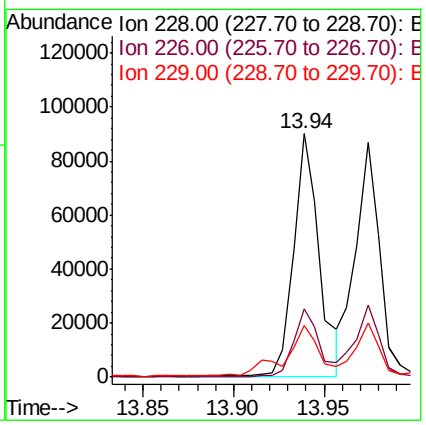


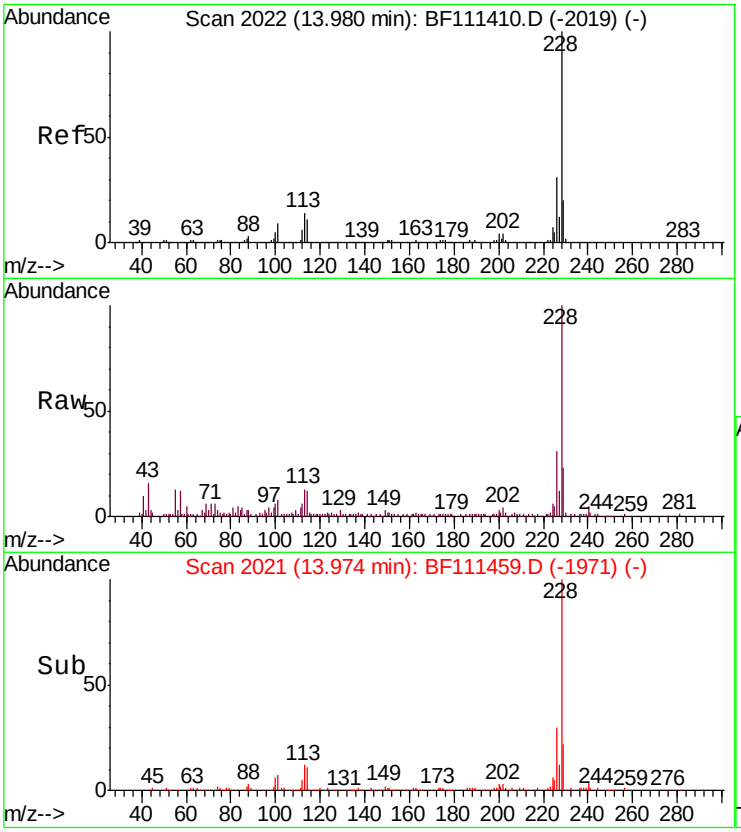


#81
Benzo(a)anthracene
Concen: 4.960 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:228 Resp: 90939

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	21.2	16.3	24.5



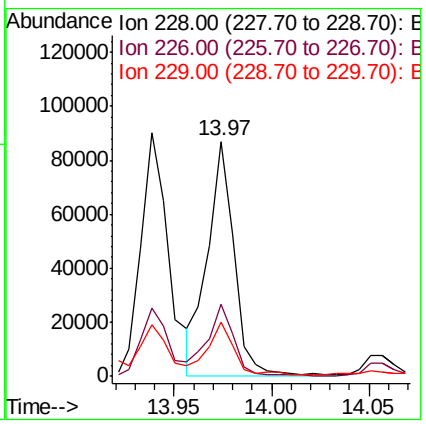


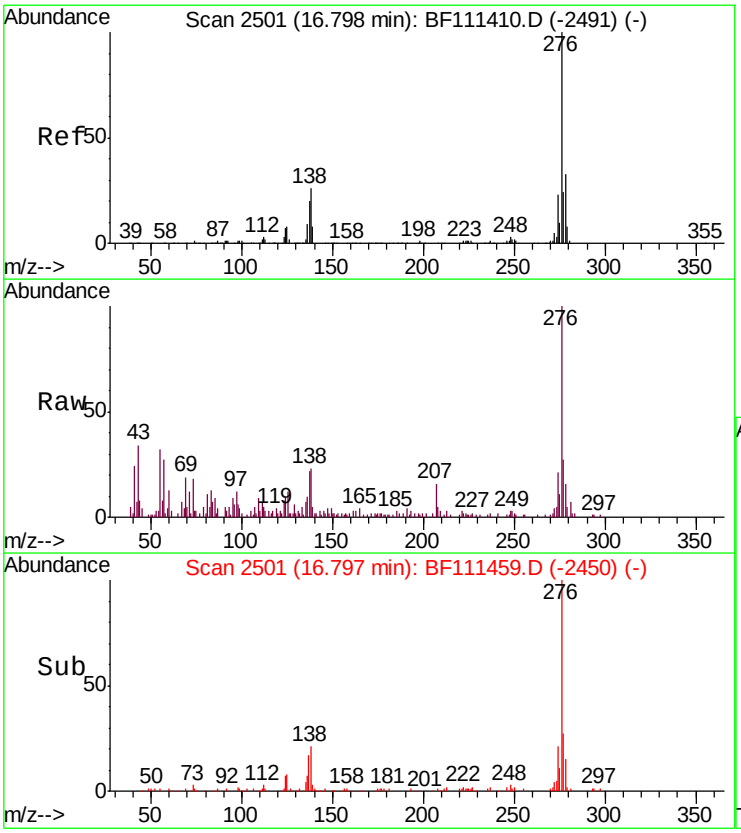
#83
Chrysene
Concen: 4.255 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:228 Resp: 82195

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.3	37.9
229	22.8	17.2	25.8

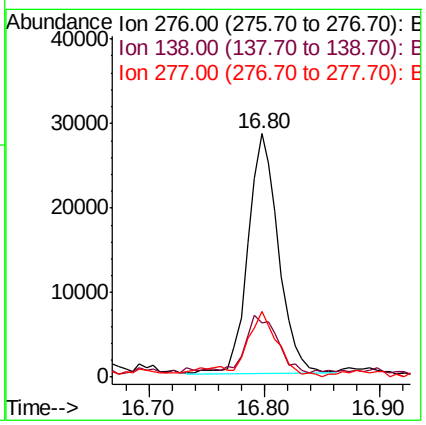


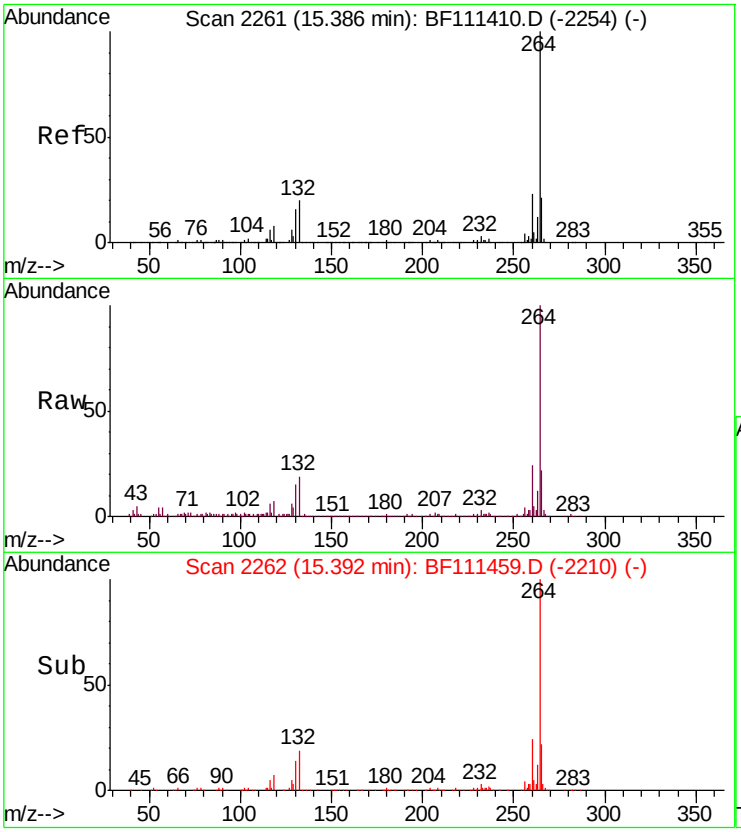


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.740 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:276 Resp: 52135

Ion	Ratio	Lower	Upper
276	100		
138	28.3	27.8	41.6
277	26.6	20.1	30.1



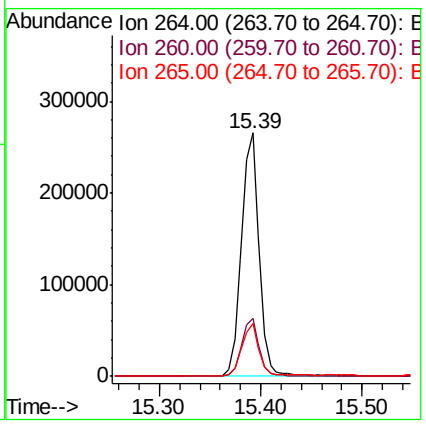


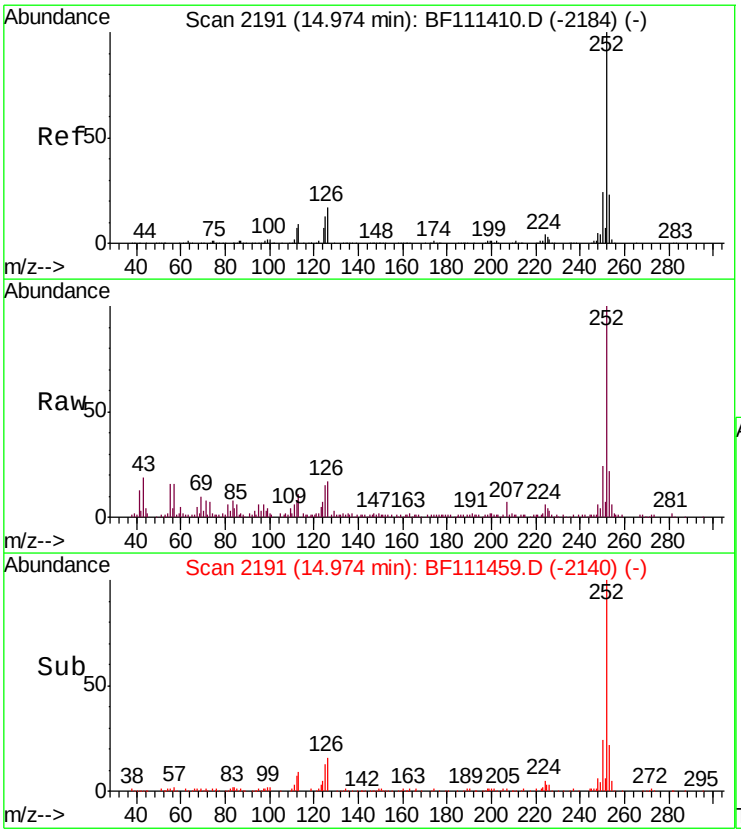
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 321485

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.9	17.7	26.5

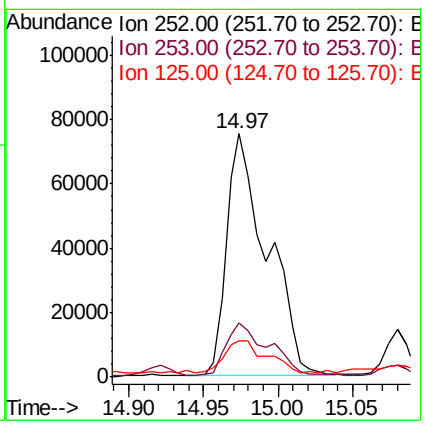


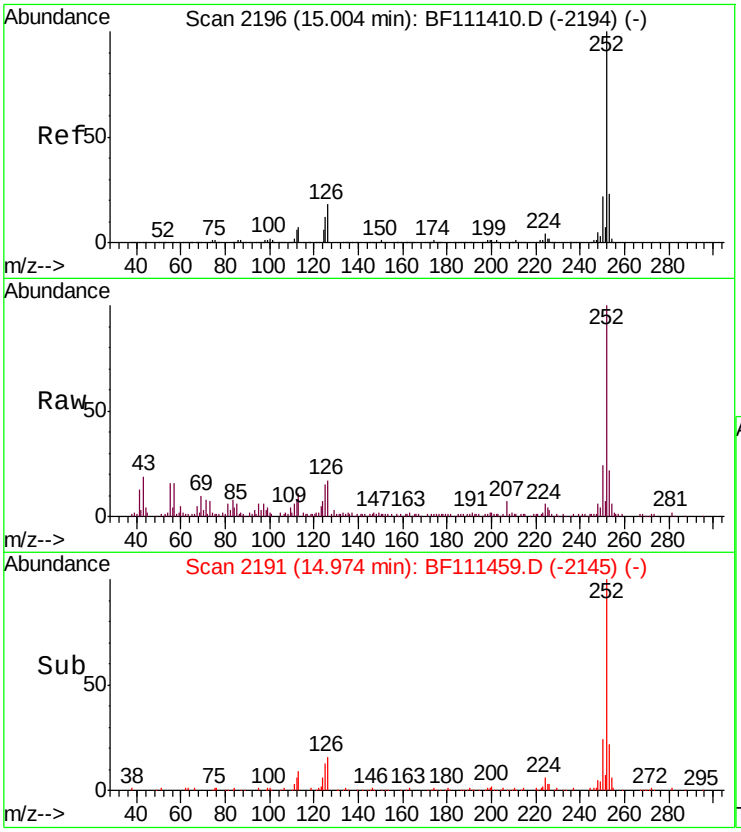


#88
Benzo(b)fluoranthene
Concen: 7.615 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:252 Resp: 142734

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	15.0	10.4	15.6



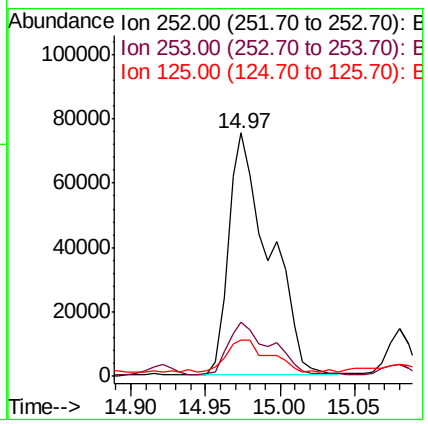


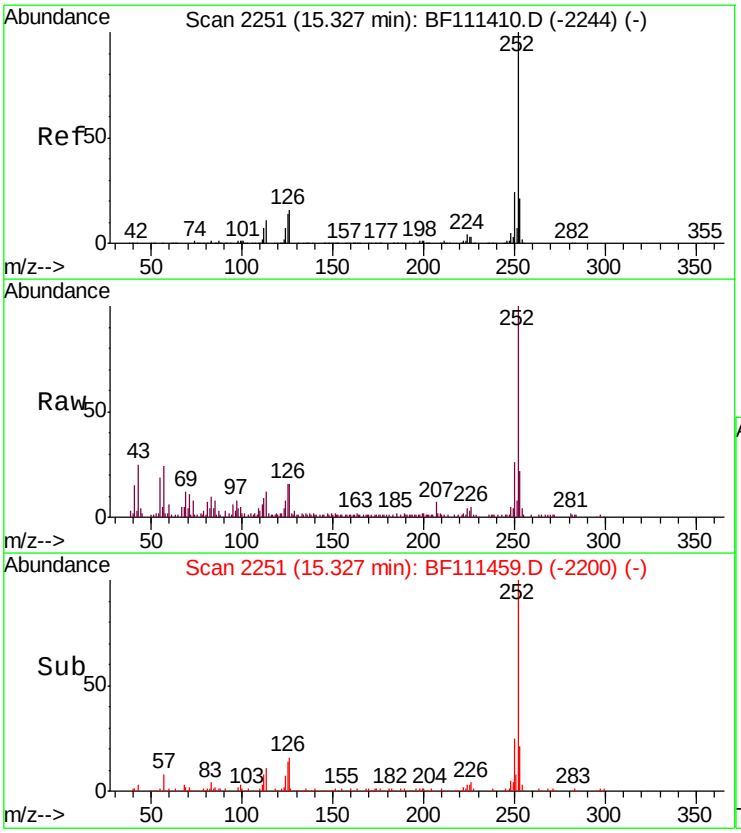
#89
Benzo(k)fluoranthene
Concen: 7.970 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:252 Resp: 142734

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.0	9.8	14.8#

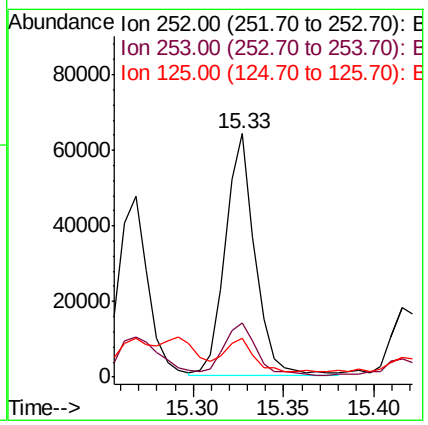


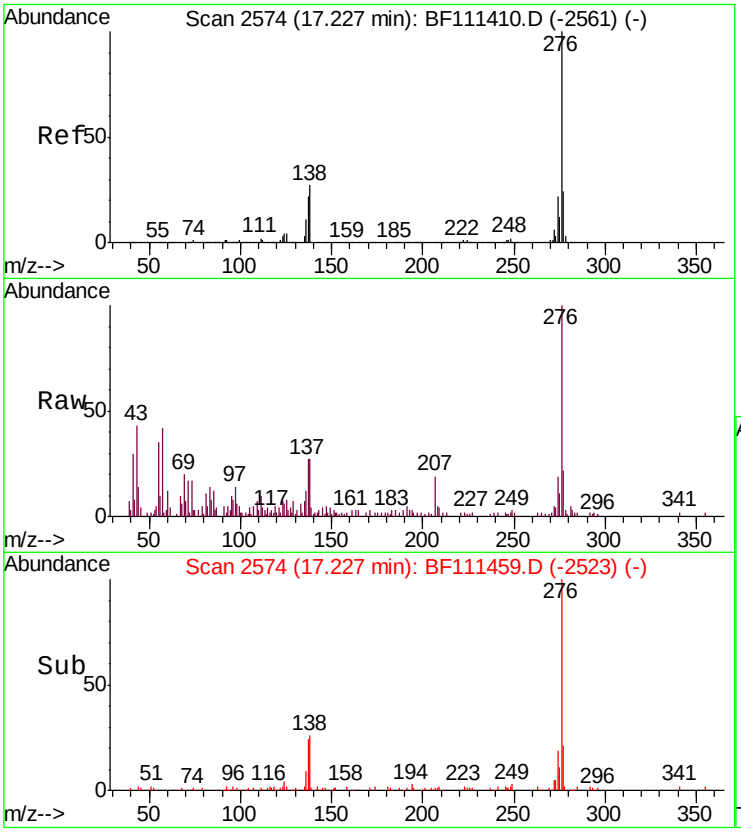


#90
Benzo(a)pyrene
Concen: 4.339 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion:252 Resp: 73341

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	16.1	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 3.934 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:276 Resp: 51483

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.2	28.8
138	27.2	24.9	37.3