Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 27 02:15:29 2018
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	6.90	152	210077	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	763589	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	344036	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	566027	20.00	ng		0.00
76) Chrysene-d12	14.06	240	501304	20.00	ng		0.00
87) Perylene-d12	15.54	264	378775	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	751362	60.96	ng		0.02
7) Phenol-d6	6.53	99	946555	60.35	ng		0.01
23) Nitrobenzene-d5	7.46	82	587299	44.77	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	228370	56.18	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1002294	42.46	ng		0.00
79) Terphenyl-d14	13.00	244	874023	33.06	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.55	94	70123	3.962	ng		98
19) n-Nitroso-di-n-propylamine	7.46	70	81155	7.791	ng	#	77
25) Isophorone	7.46	82	585350	25.134	ng	#	64
50) Dimethylphthalate	9.65	163	124848	4.962	ng		97
51) 2,6-Dinitrotoluene	9.93	165	44517	8.874	ng	#	30
57) 2,4-Dinitrotoluene	9.93	165	44517	7.384	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.72	198	518	6.883	ng	#	1
75) Fluoranthene	12.63	202	152584	5.020	ng		92
78) Pyrene	12.86	202	138251	3.905	ng		95
81) Benzo(a)anthracene	14.04	228	77145	2.697	ng		96
83) Chrysene	14.08	228	80056	2.847	ng		97
88) Benzo(b)fluoranthene	15.10	252	130622	5.901	ng		97
89) Benzo(k)fluoranthene	15.10	252	130622	6.198	ng		97
90) Benzo(a)pyrene	15.47	252	63324	3.149	ng		95
92) Benzo(g,h,i)perylene	17.47	276	39713	2.309	ng	#	86

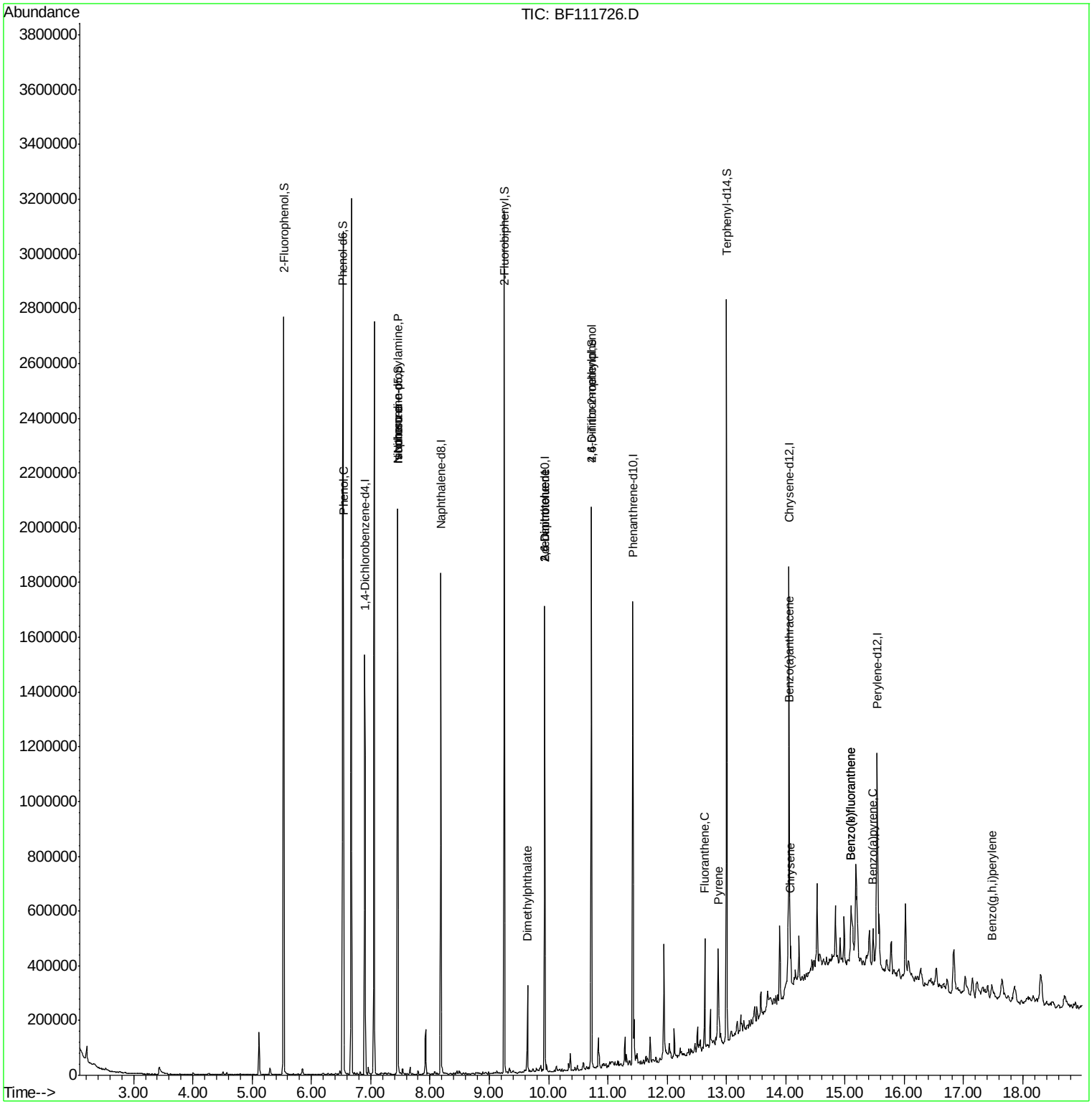
(#) = qualifier out of range (m) = manual integration (+) = signals summed

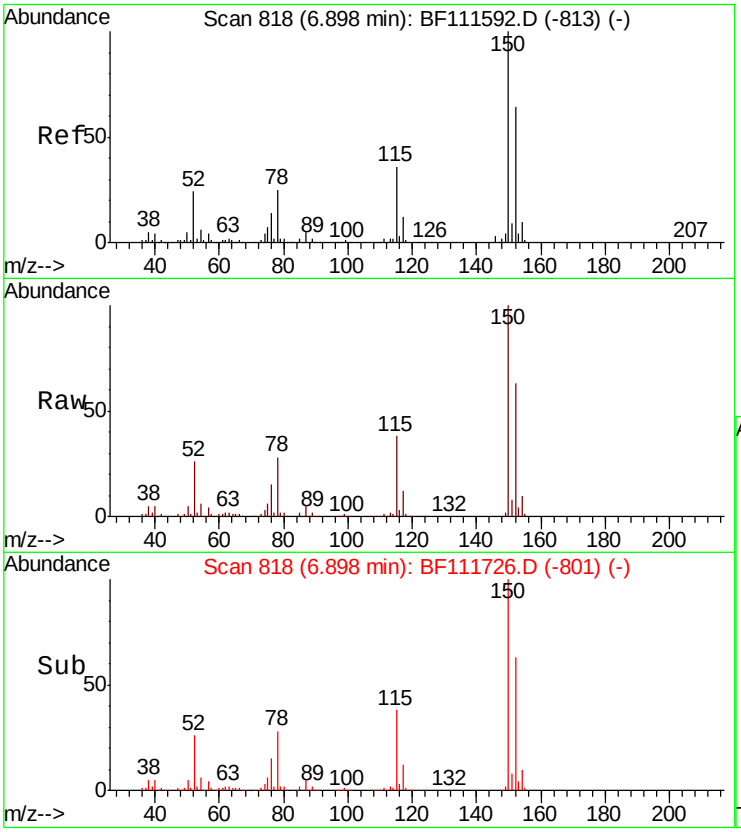
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 02:15:29 2018
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



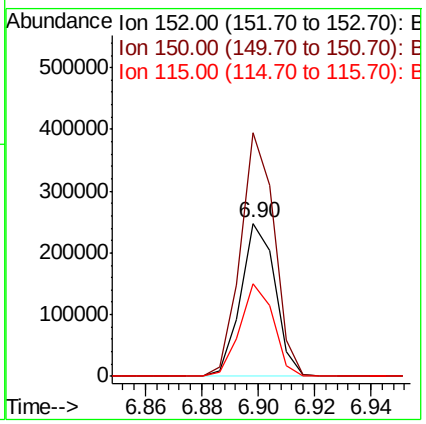


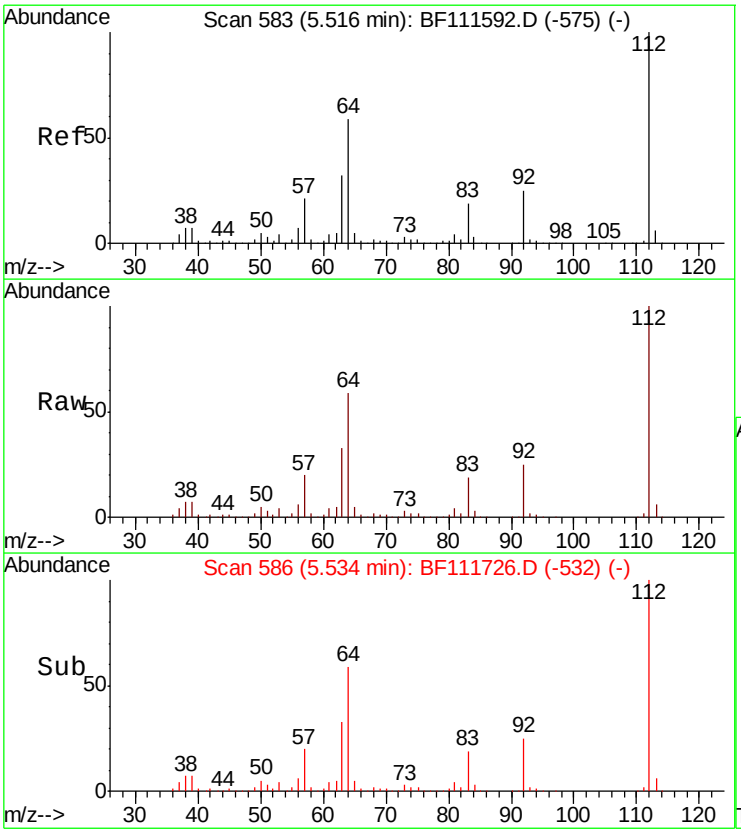
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 210077

Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.6	189.8
115	61.0	50.7	76.1

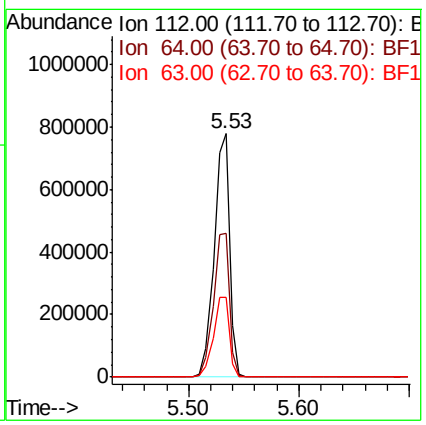


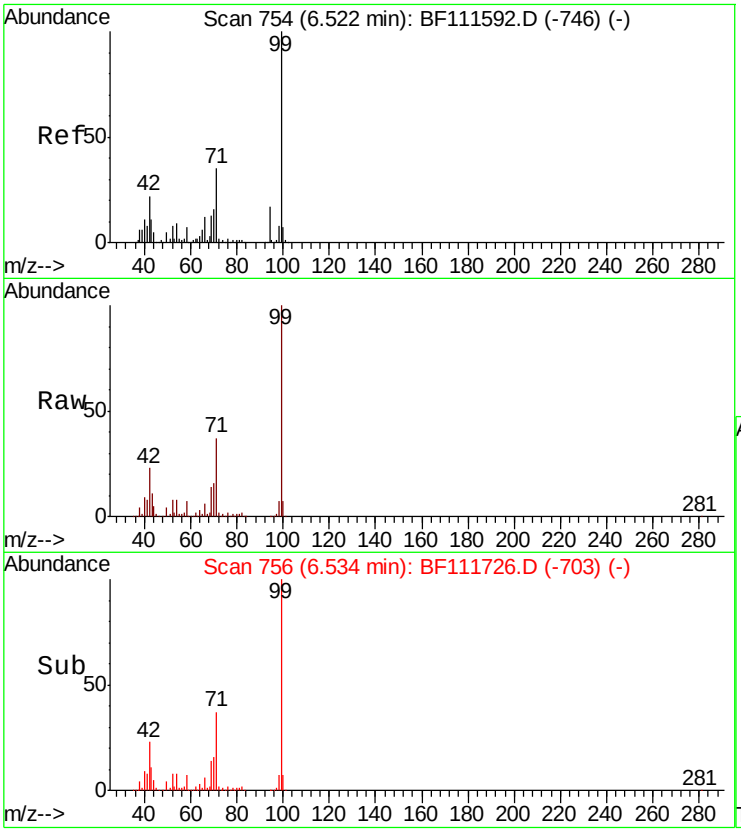


#5
2-Fluorophenol
Concen: 60.964 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:112 Resp: 751362

Ion	Ratio	Lower	Upper
112	100		
64	59.1	51.8	77.6
63	32.6	26.8	40.2



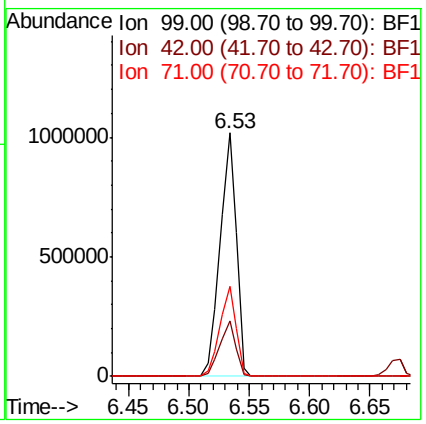


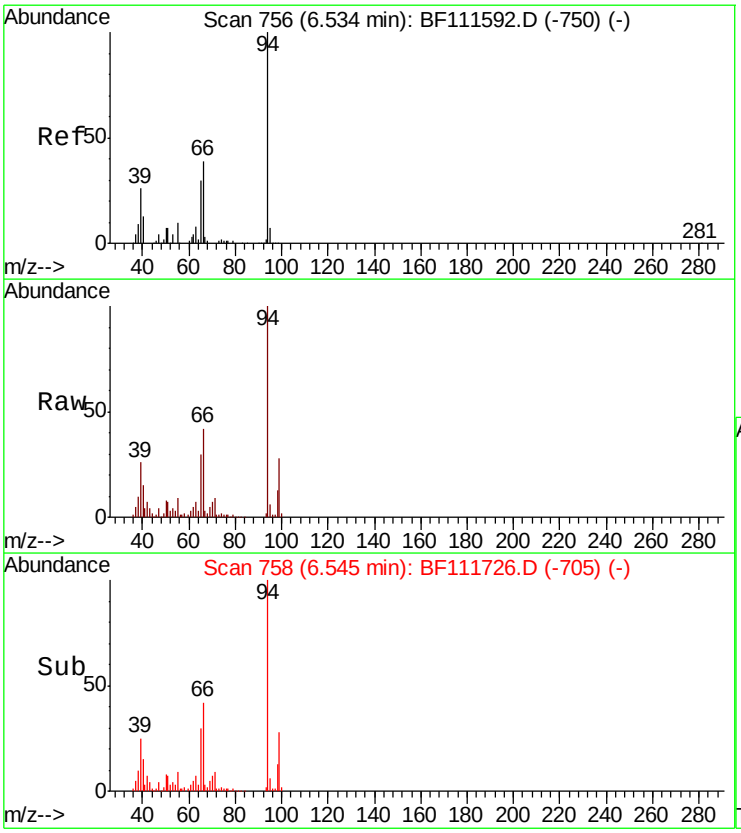
#7
Phenol-d6
Concen: 60.348 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 946555

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	37.1	26.1	39.1

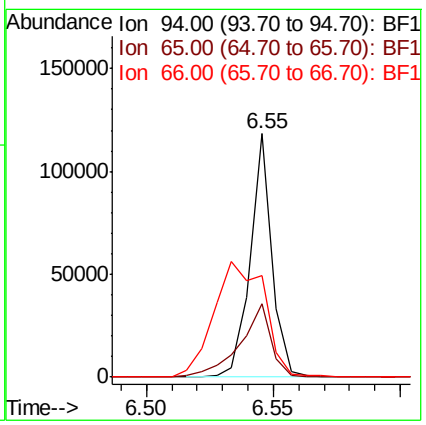


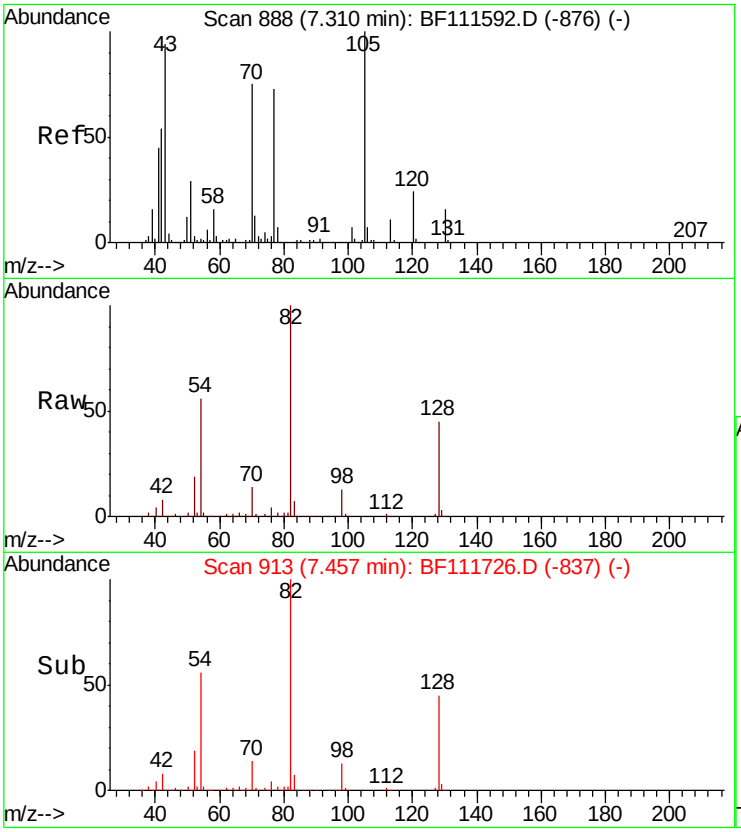


#10
Phenol
Concen: 3.962 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion: 94 Resp: 70123

Ion	Ratio	Lower	Upper
94	100		
65	30.3	11.7	51.7
66	41.8	21.0	61.0



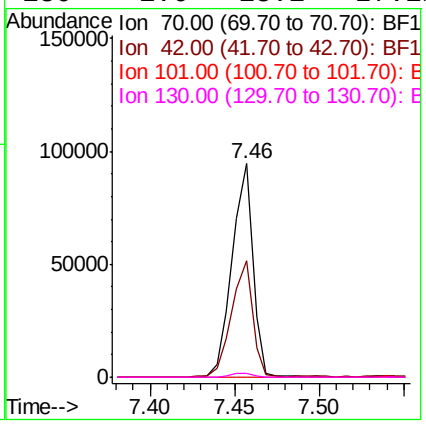


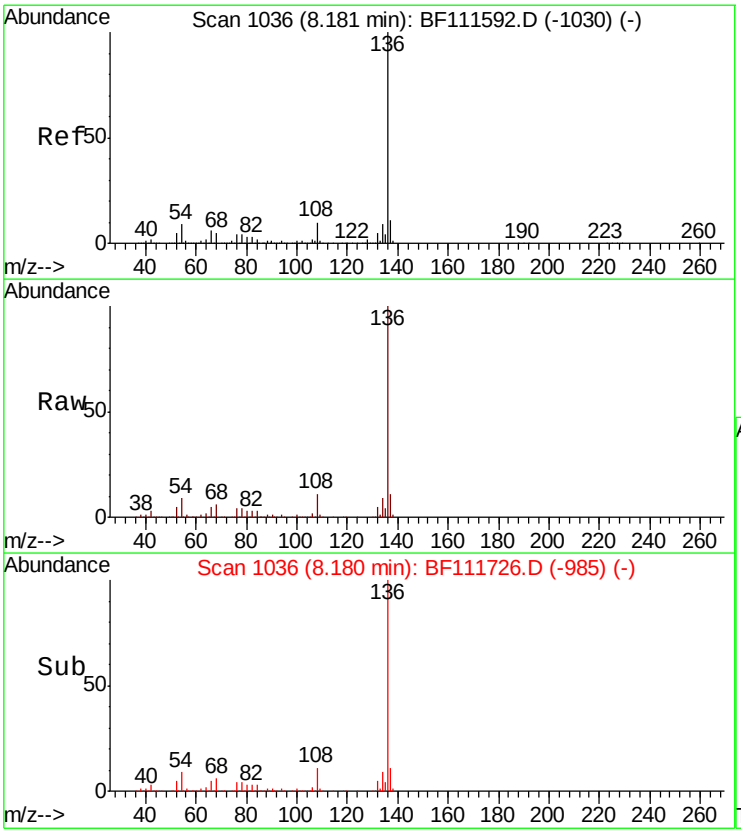
#19
n-Nitroso-di-n-propylamine
Concen: 7.791 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 81155

Ion	Ratio	Lower	Upper
70	100		
42	54.5	53.2	79.8
101	0.0	8.2	12.4#
130	1.6	18.1	27.1#

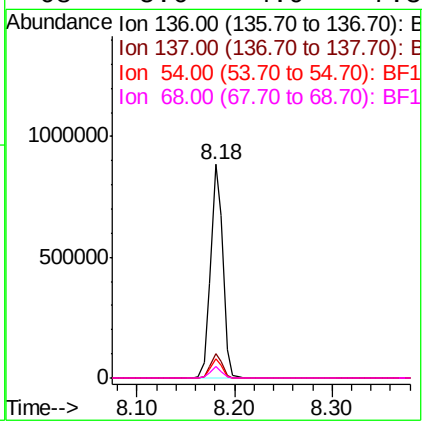


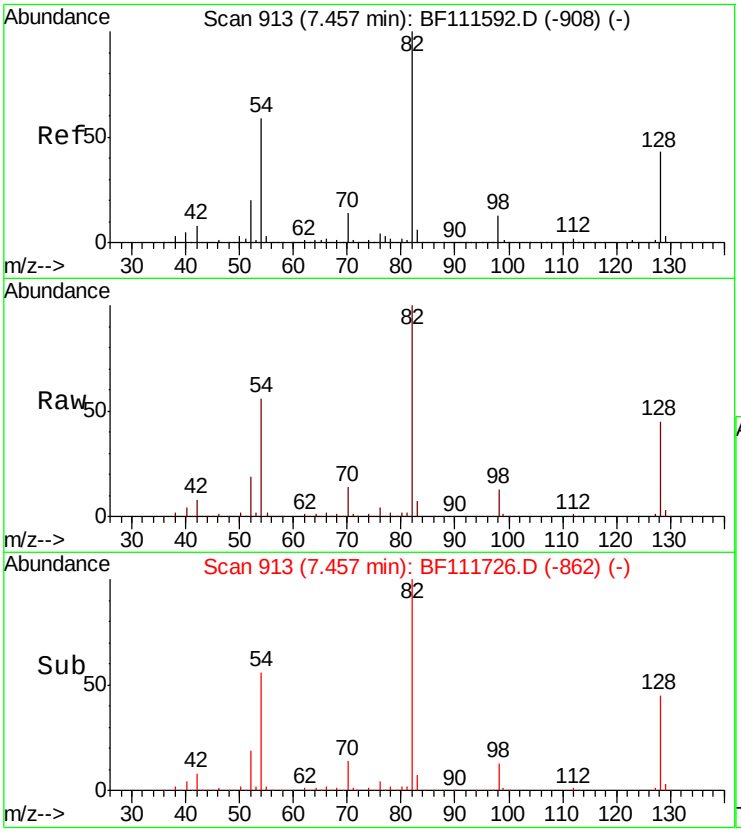


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:136 Resp: 763589

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	7.7	11.5
68	5.6	4.9	7.3



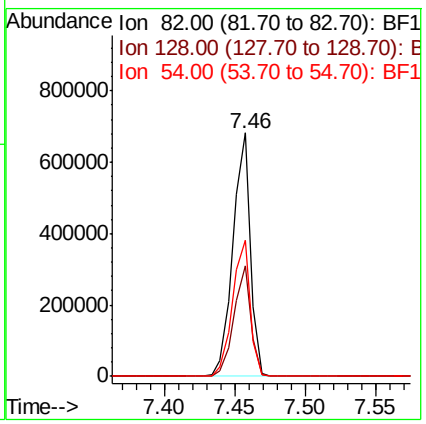


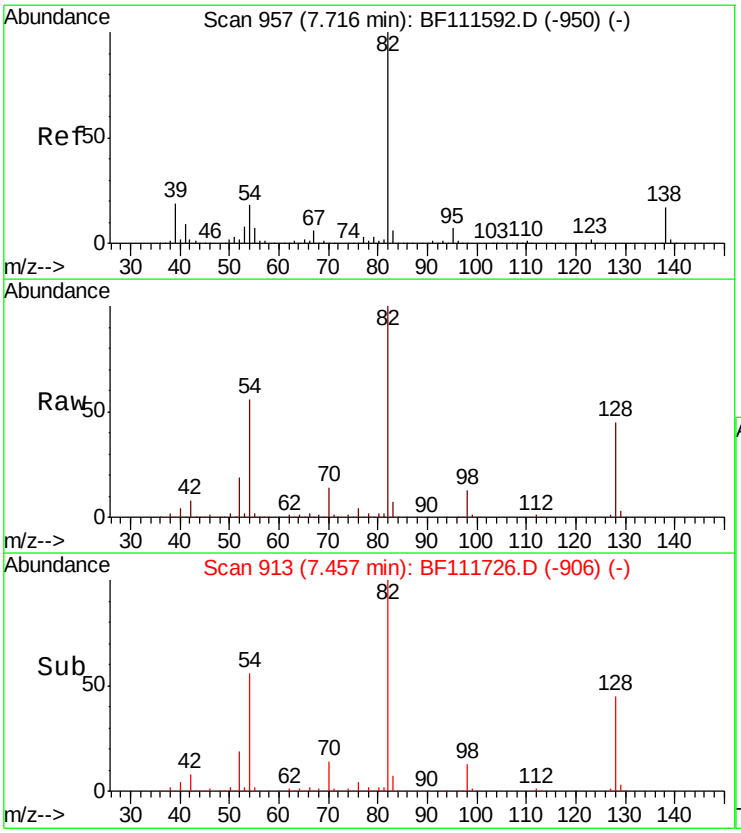
#23
Nitrobenzene-d5
Concen: 44.769 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 587299

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	56.1	47.6	71.4

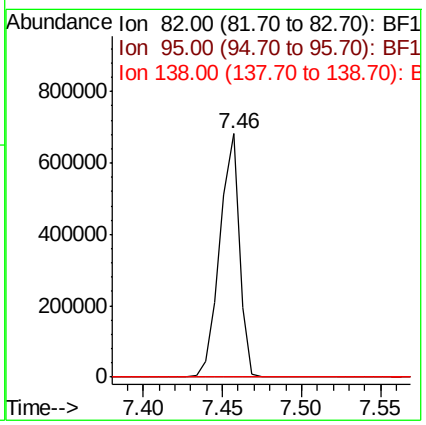


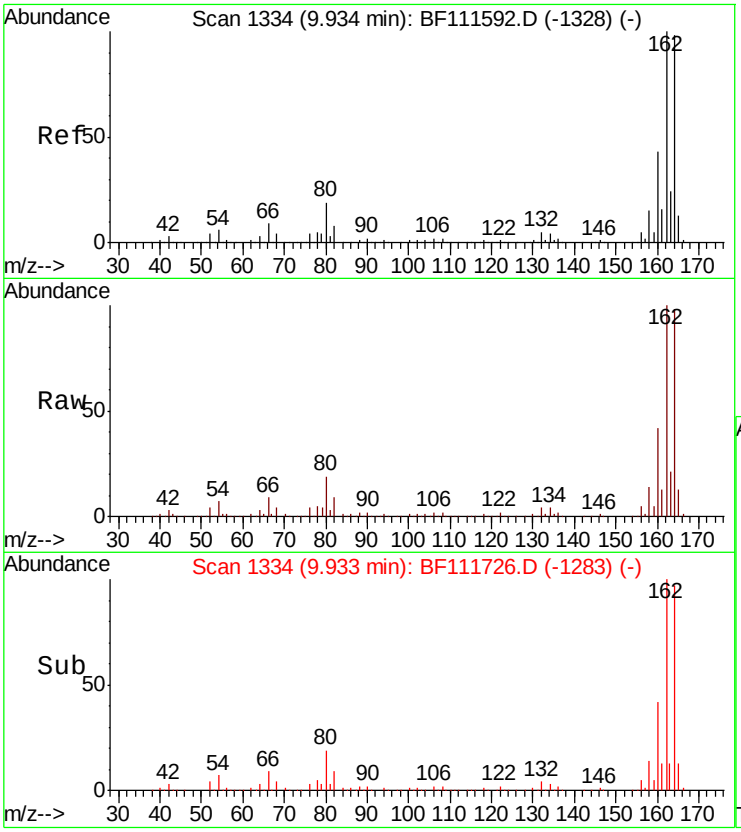


#25
Isophorone
Concen: 25.134 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion: 82 Resp: 585350

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



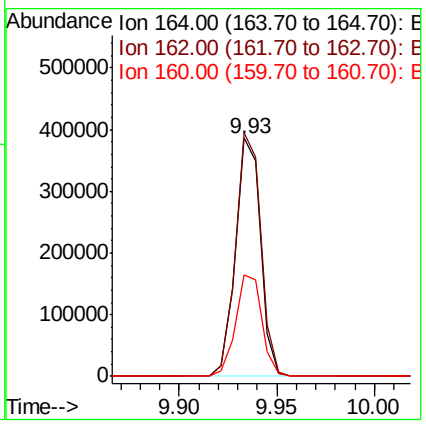


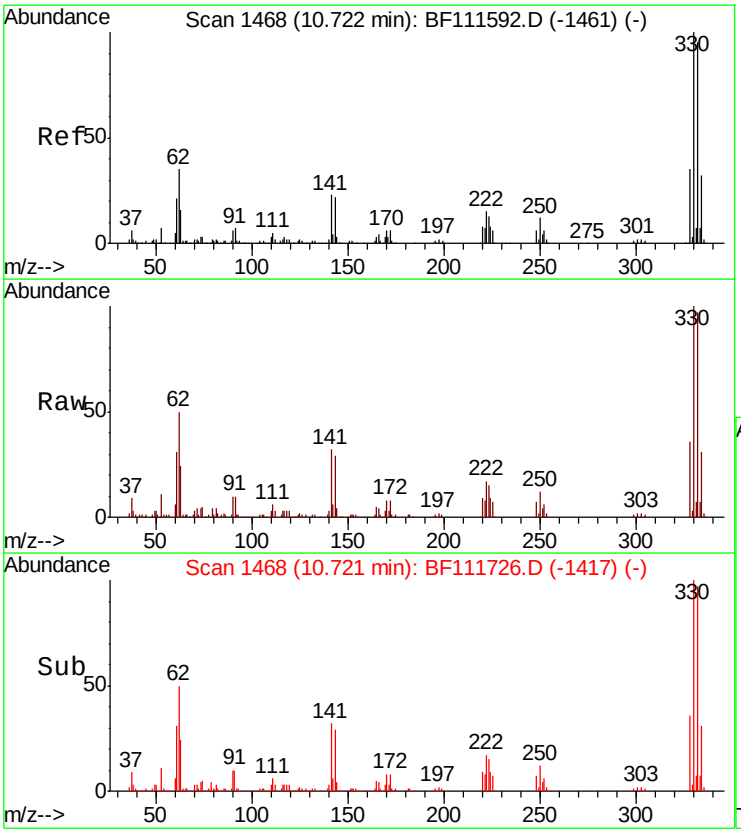
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 344036

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	42.8	35.7	53.5

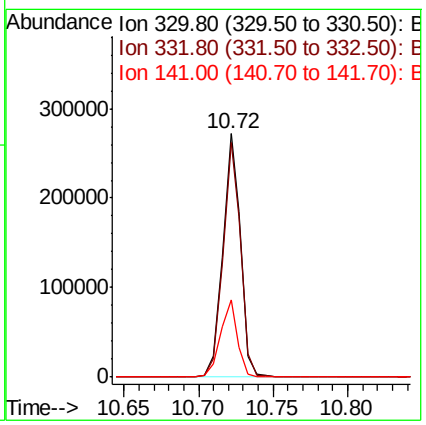


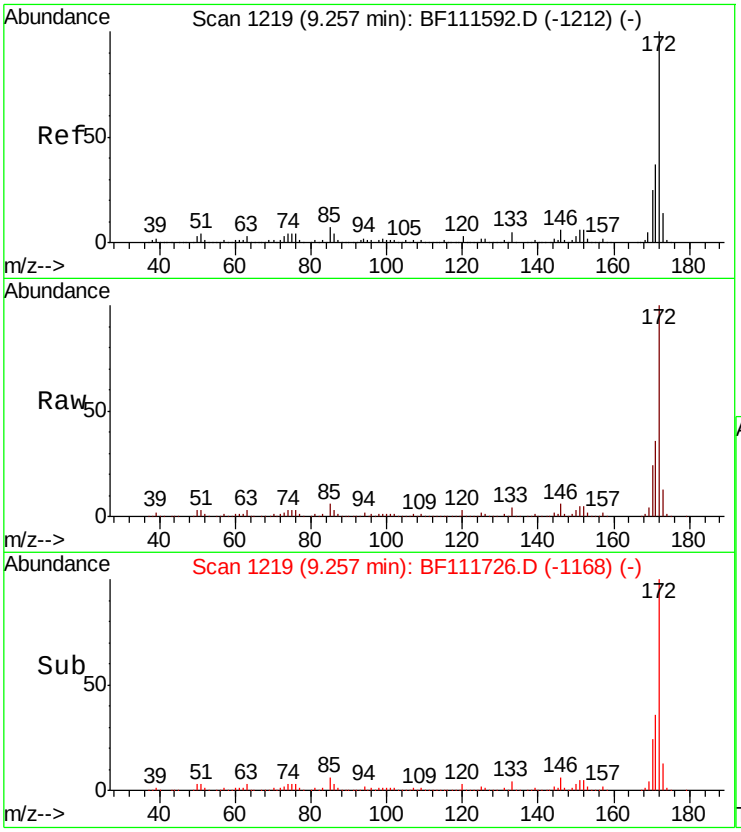


#42
2,4,6-Tribromophenol
Concen: 56.179 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:330 Resp: 228370

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	30.5	31.0	46.6#



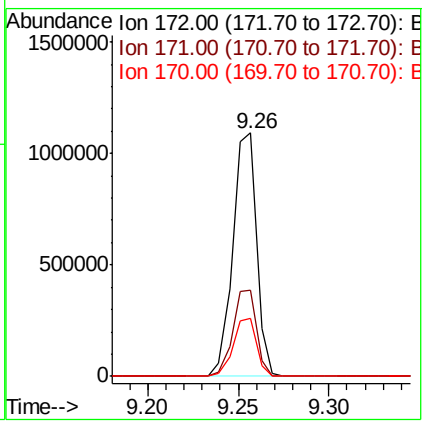


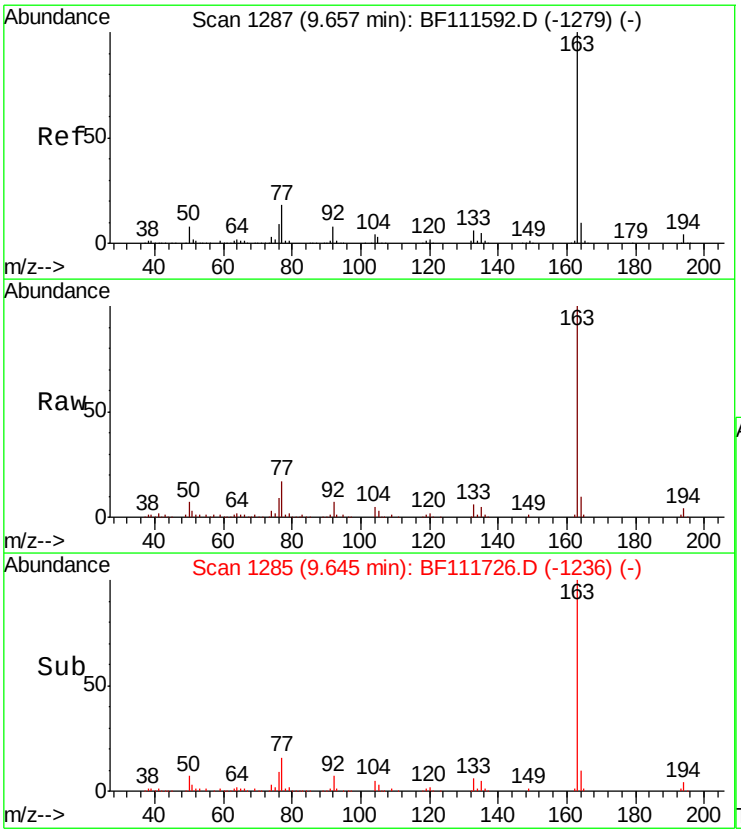
#45
2-Fluorobiphenyl
Concen: 42.464 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1002294

Ion	Ratio	Lower	Upper
172	100		
171	35.5	33.0	49.4
170	23.8	22.3	33.5

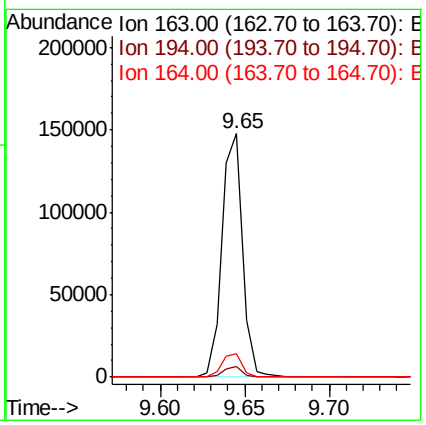


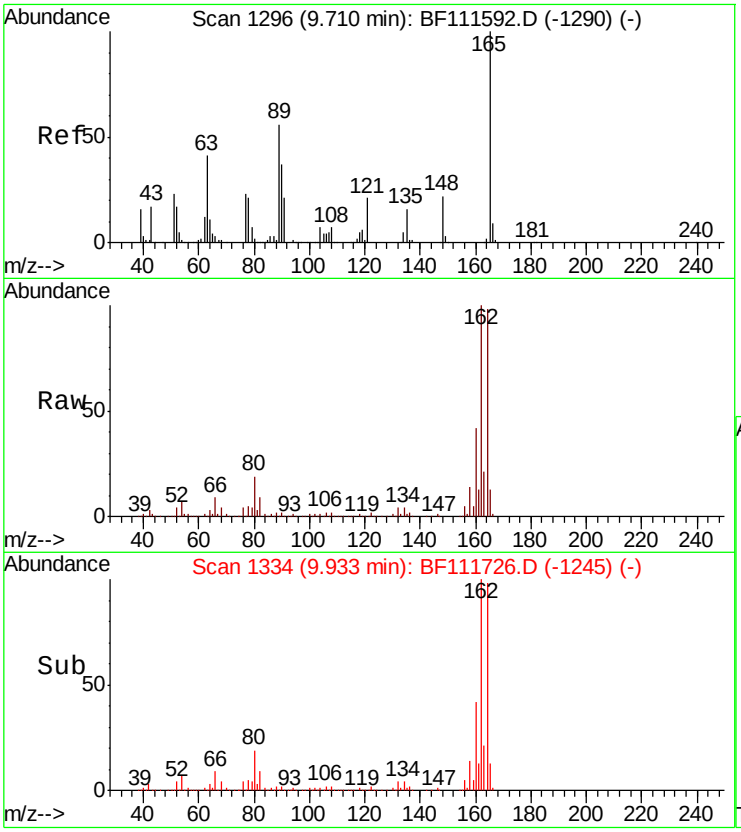


#50
Dimethylphthalate
Concen: 4.962 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:163 Resp: 124848

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.7	8.9	13.3



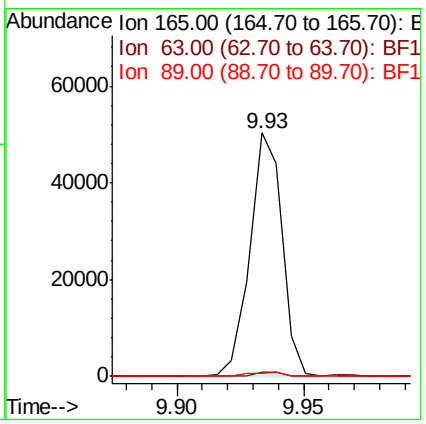


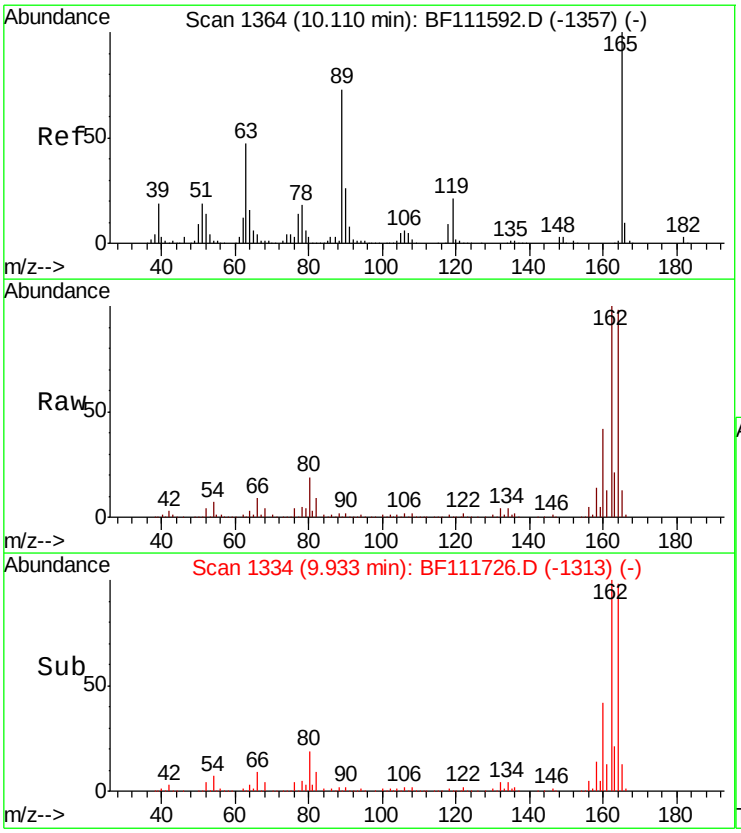
#51
2,6-Dinitrotoluene
Concen: 8.874 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44517

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.5	60.7#
89	1.5	40.0	60.0#

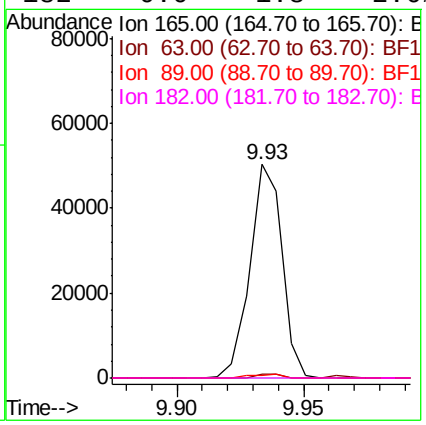


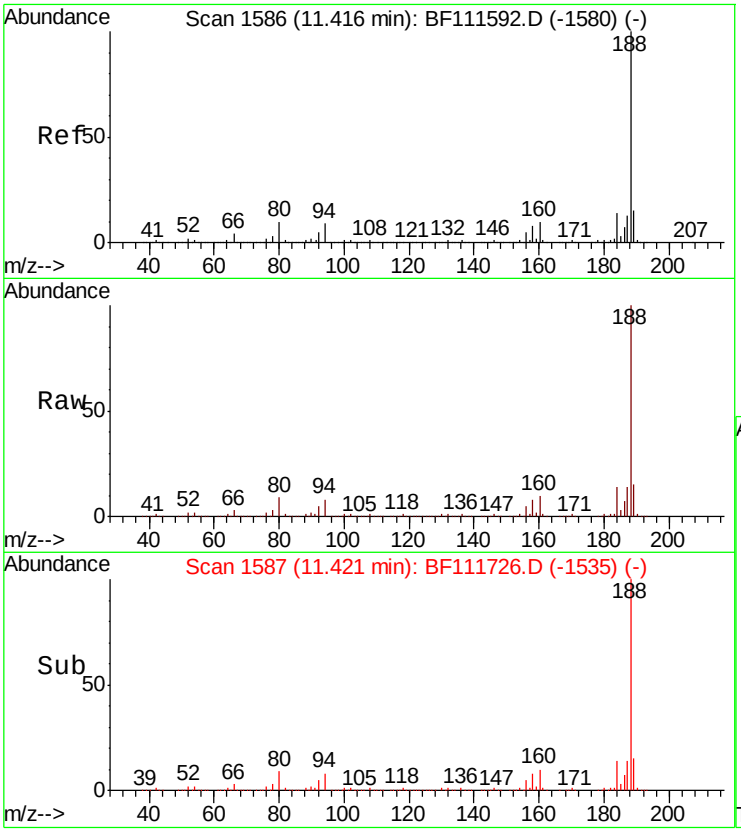


#57
2,4-Dinitrotoluene
Concen: 7.384 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:165 Resp: 44517

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



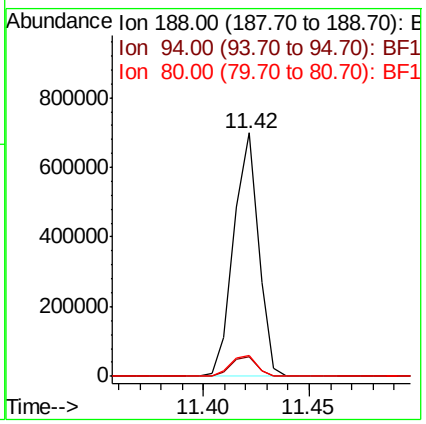


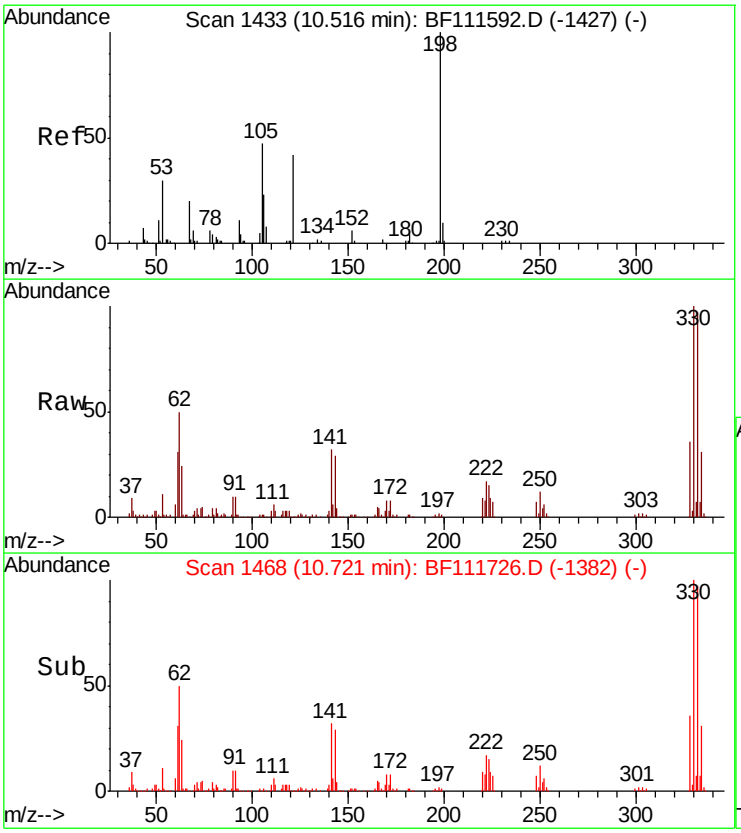
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 566027

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	8.6	9.8	14.6#

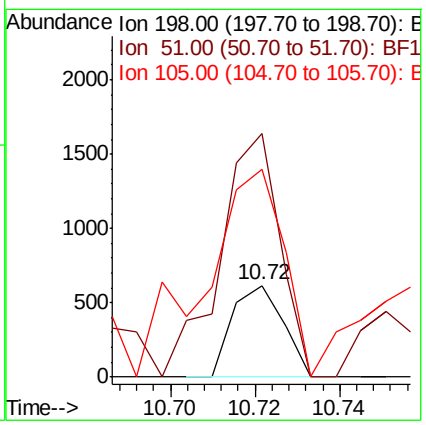


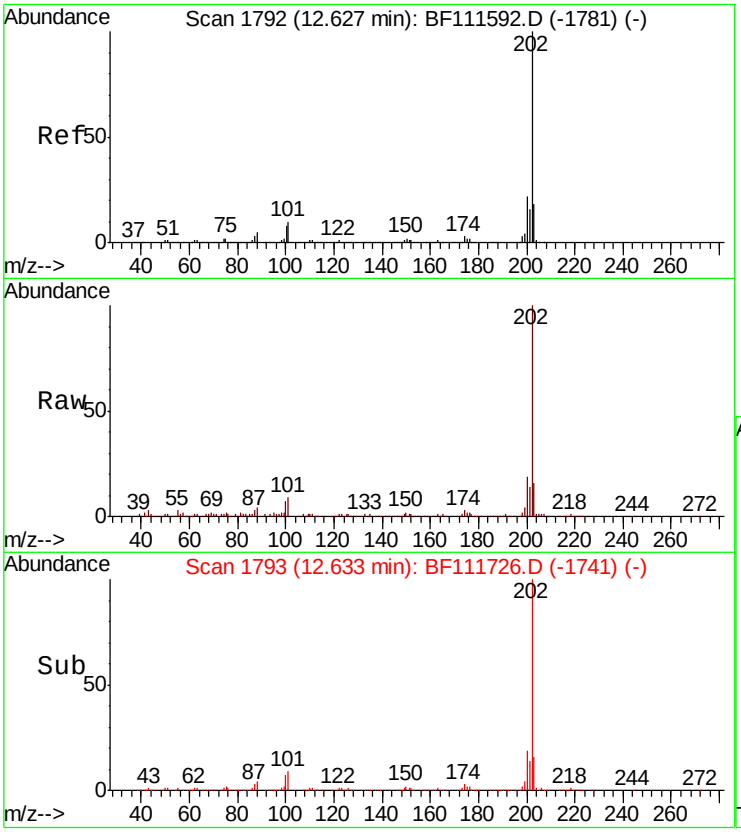


#65
4,6-Dinitro-2-methylphenol
Concen: 6.883 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:198 Resp: 518

Ion	Ratio	Lower	Upper
198	100		
51	265.0	48.0	88.0#
105	226.1	34.0	74.0#



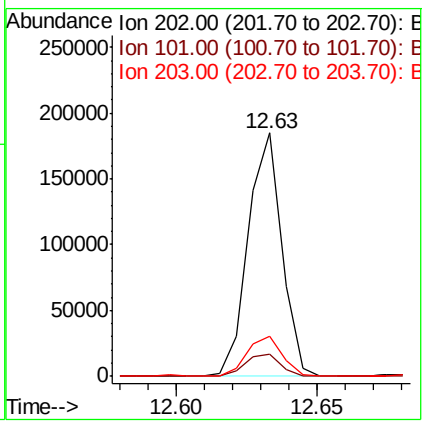


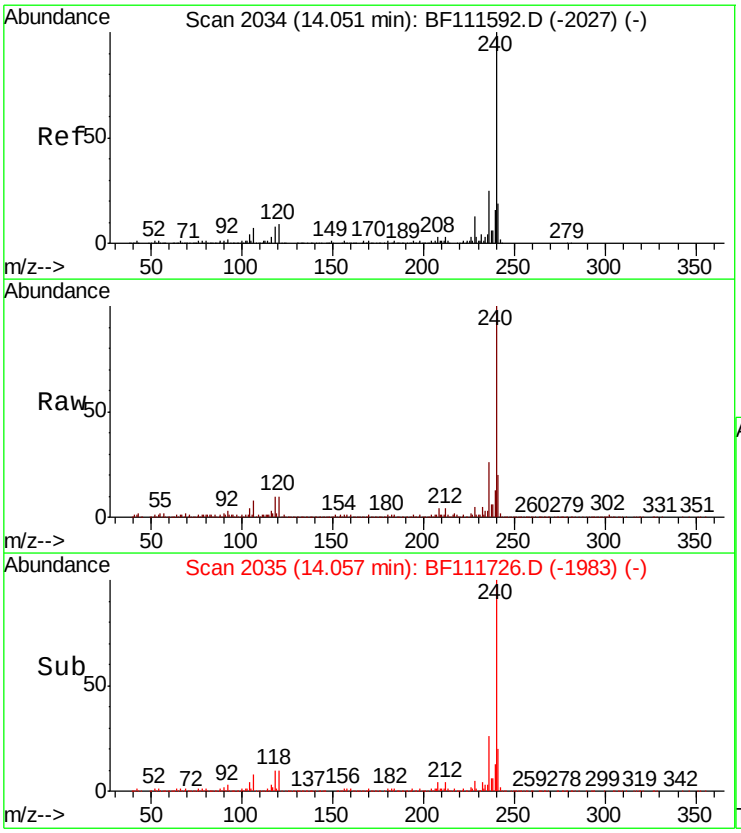
#75
Fluoranthene
Concen: 5.020 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 152584

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	33.8
203	16.5	0.0	38.6

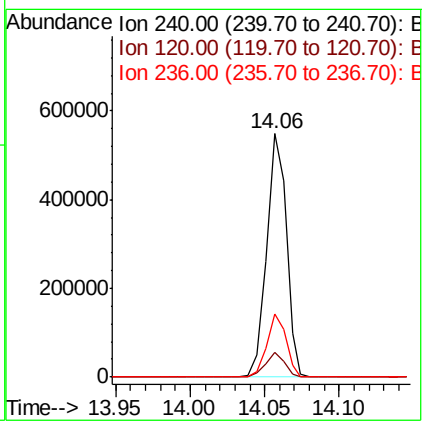


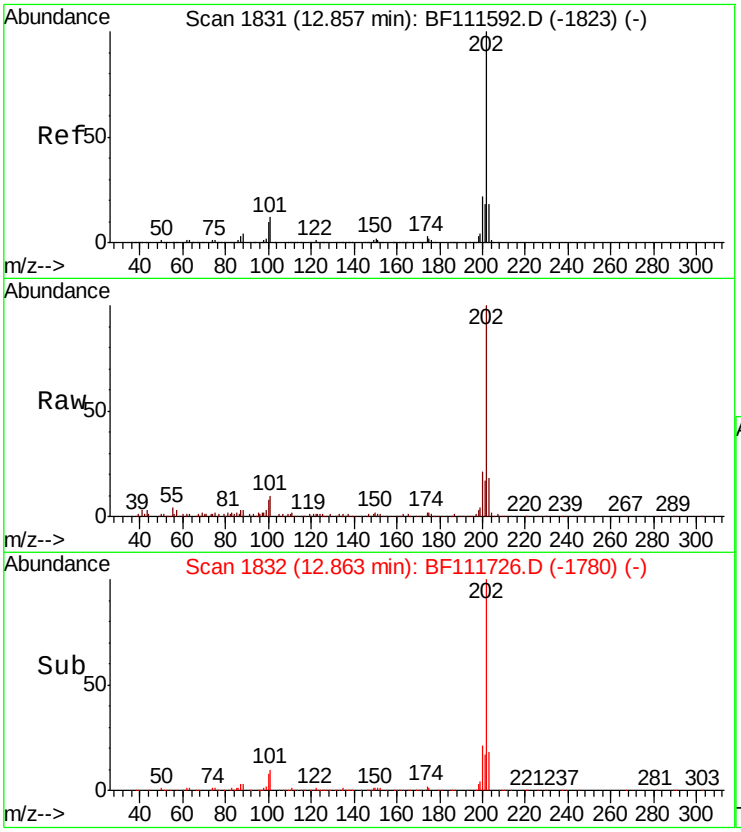


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:240 Resp: 501304

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.8	20.2	30.2



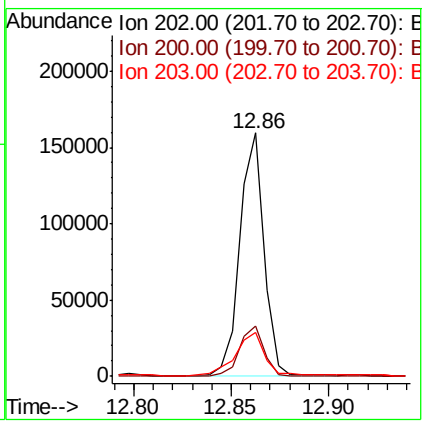


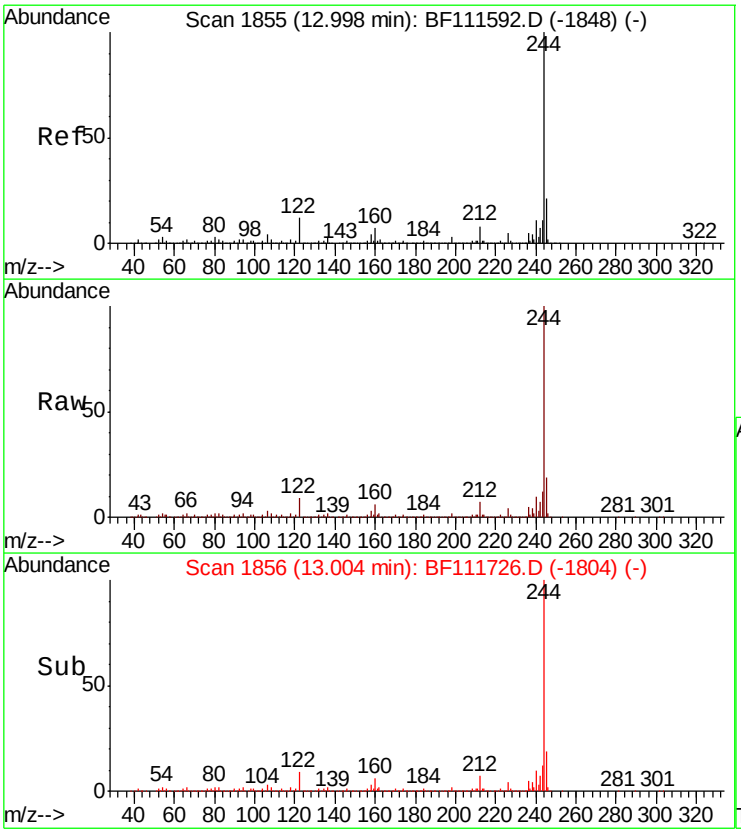
#78
Pyrene
Concen: 3.905 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 138251

Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.4
203	17.9	15.2	22.8

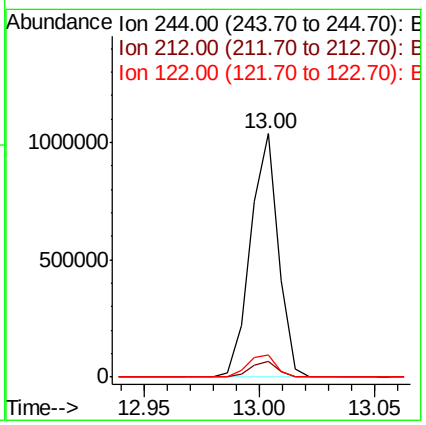


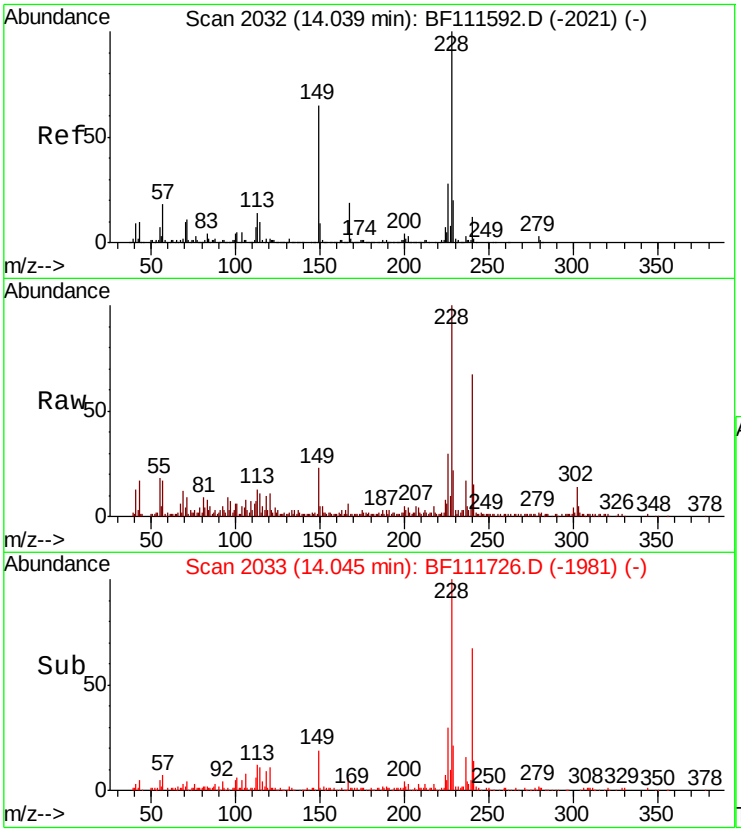


#79
Terphenyl-d14
Concen: 33.064 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:244 Resp: 874023

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	9.3	13.1	19.7#



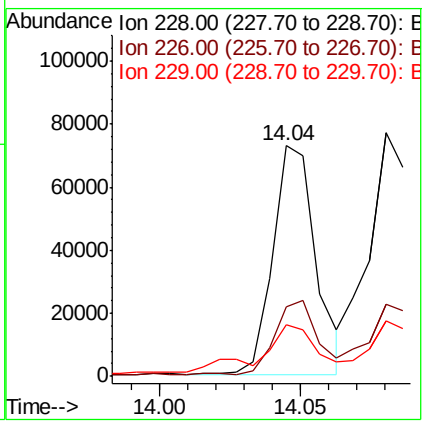


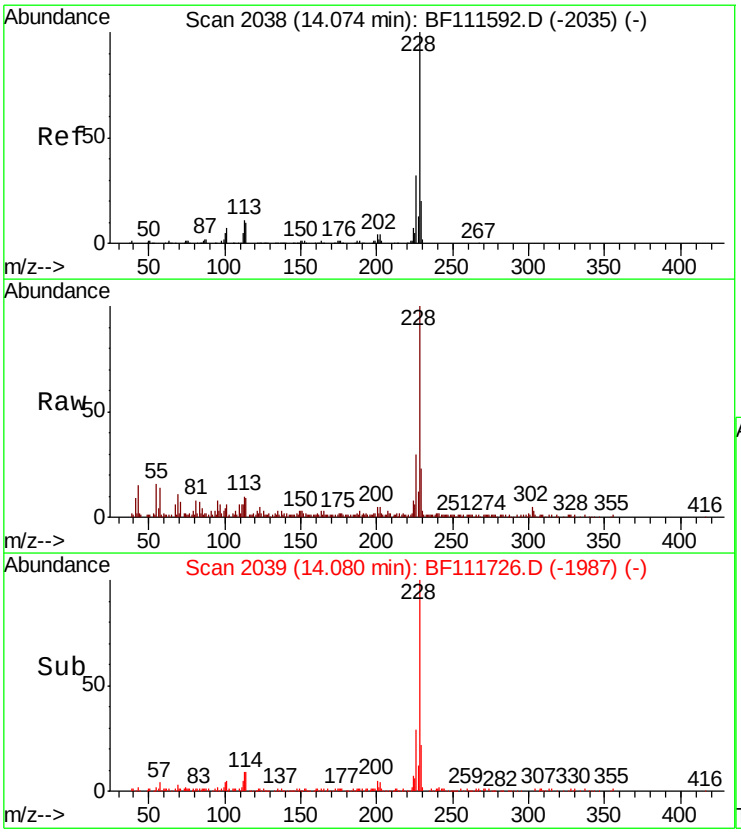
#81
Benzo(a)anthracene
Concen: 2.697 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 77145

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	34.0
229	22.1	16.3	24.5

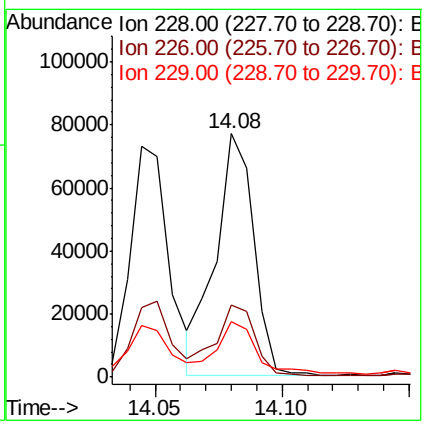


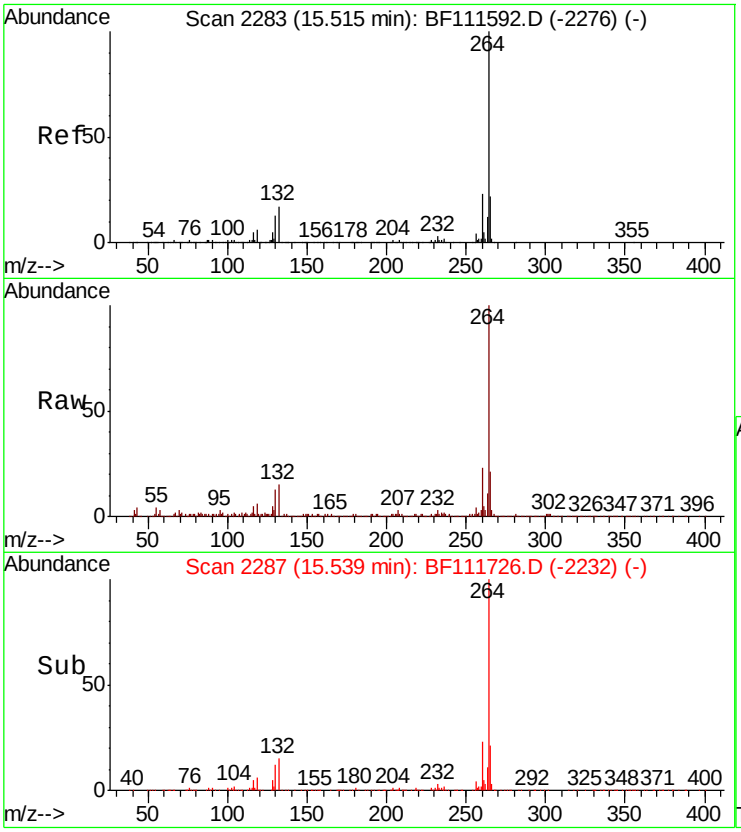


#83
Chrysene
Concen: 2.847 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:228 Resp: 80056

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.3	37.9
229	22.6	17.2	25.8



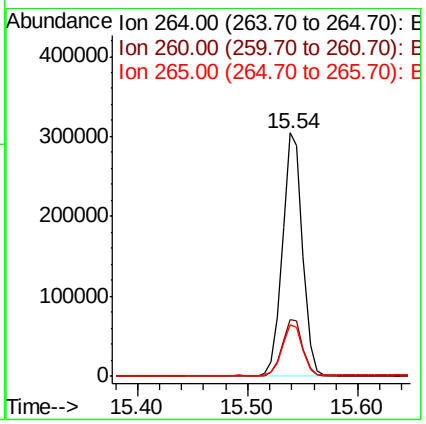


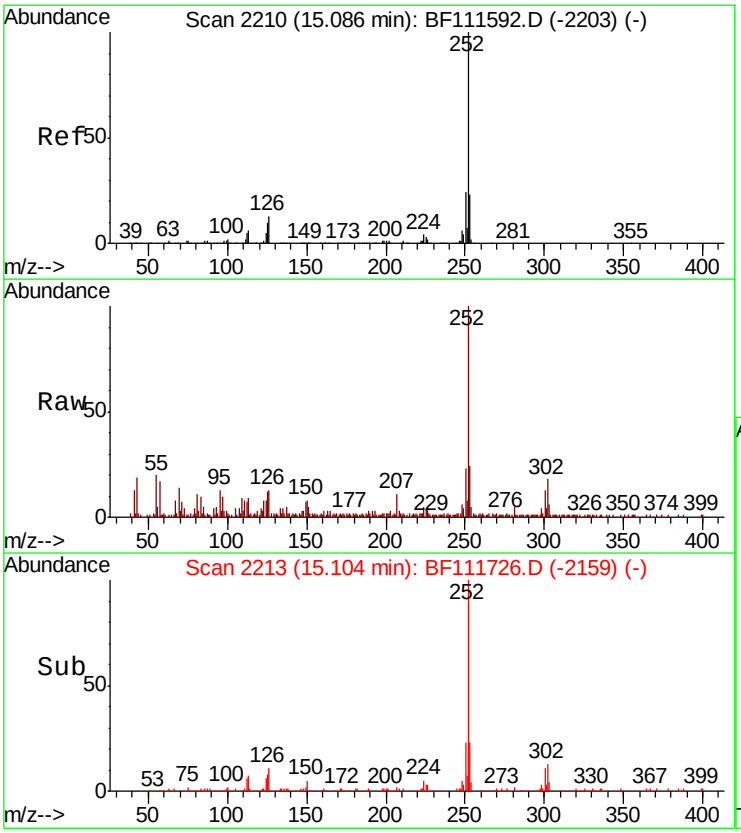
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 378775

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.1	17.7	26.5

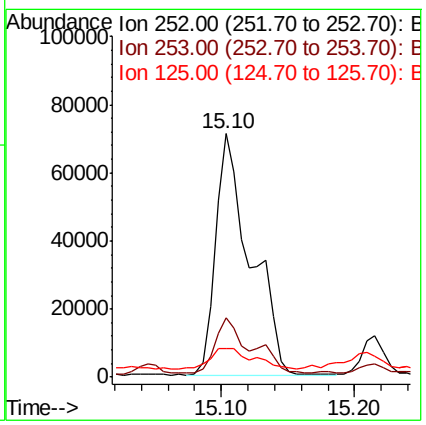


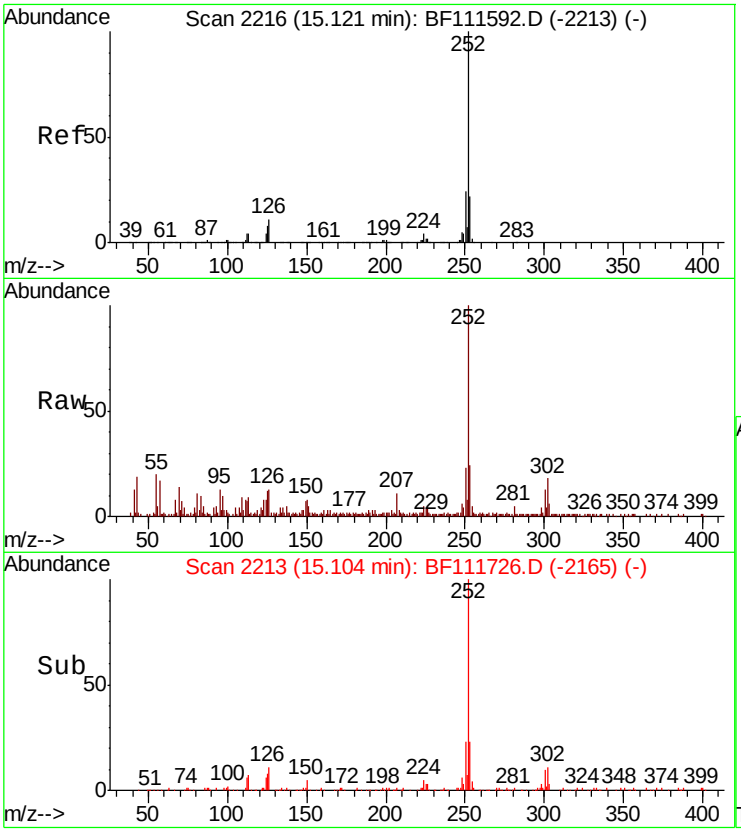


#88
Benzo(b)fluoranthene
Concen: 5.901 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:252 Resp: 130622

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	11.8	10.4	15.6



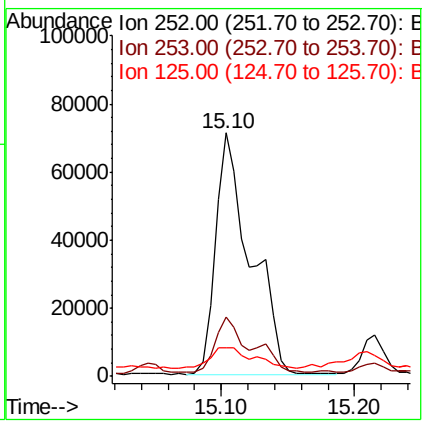


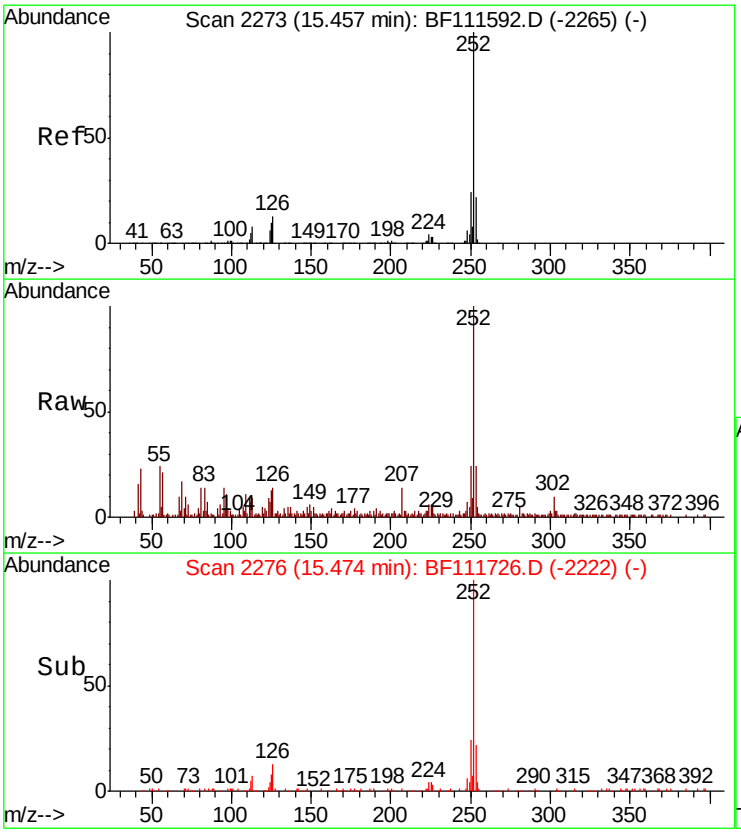
#89
Benzo(k)fluoranthene
Concen: 6.198 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 130622

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	11.8	9.8	14.8

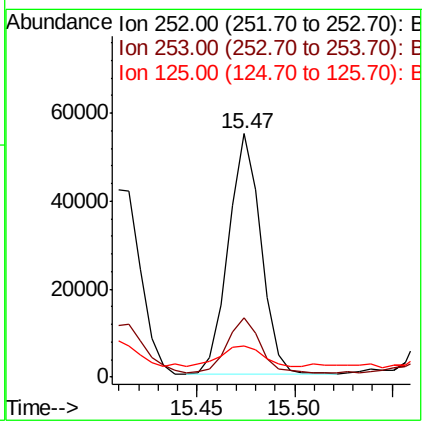


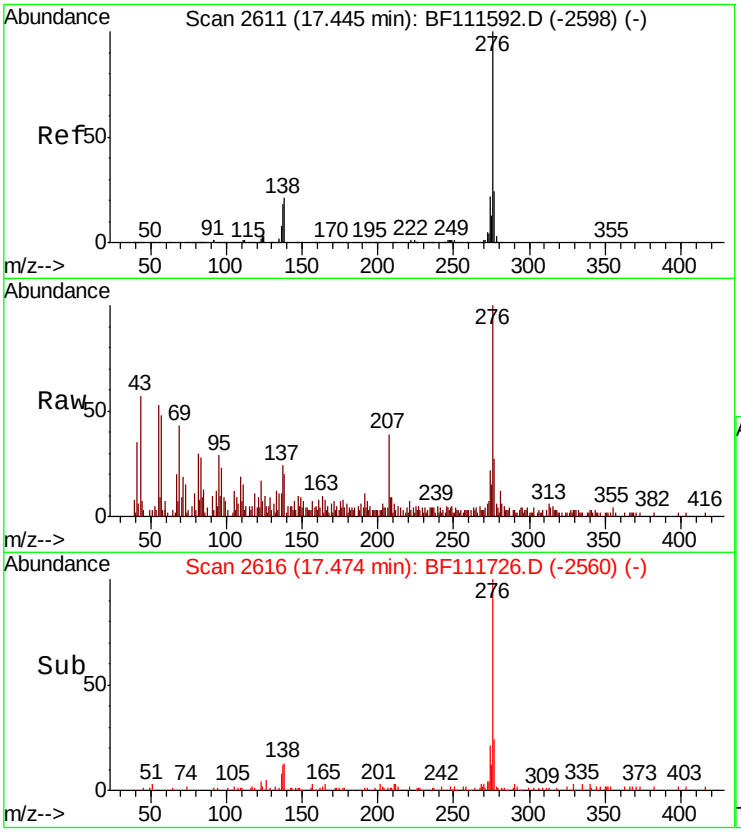


#90
Benzo(a)pyrene
Concen: 3.149 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion:252 Resp: 63324

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	12.8	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 2.309 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.03 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 39713

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.2	28.8
138	19.9	24.9	37.3#