Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111616.D
Acq On : 20 Dec 2018 3:15
Operator : JU/SJ
Sample : J6386-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1824-02

Quant Time: Dec 20 04:42:14 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	197772	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	686983	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	311397	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	524119	20.00	ng		0.00
76) Chrysene-d12	14.05	240	452473	20.00	ng		0.00
87) Perylene-d12	15.53	264	309341	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1524032	131.35	ng		0.00
7) Phenol-d6	6.53	99	1918351	129.92	ng		0.00
23) Nitrobenzene-d5	7.46	82	1142083	96.77	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	458330	124.57	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1980705	92.71	ng		0.00
79) Terphenyl-d14	13.00	244	1804446	75.63	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	138805	8.331	ng		90
19) n-Nitroso-di-n-propylamine	7.46	70	158917	16.205	ng	#	79
25) Isophorone	7.46	82	1139794	54.399	ng	#	64
50) Dimethylphthalate	9.64	163	221274	9.717	ng		99
65) 4,6-Dinitro-2-methylphenol	10.72	198	941	7.067	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	28941	4.452	ng	#	1
71) Phenanthrene	11.44	178	116958	4.208	ng		94
72) Anthracene	11.44	178	116958	4.192	ng		95
75) Fluoranthene	12.62	202	80950	2.876	ng		95
78) Pyrene	12.85	202	141642	4.433	ng		94
88) Benzo(b)fluoranthene	15.09	252	46464	2.570	ng	#	52
89) Benzo(k)fluoranthene	15.09	252	46464	2.700	ng	#	52
90) Benzo(a)pyrene	15.46	252	35439	2.158	ng	#	69
92) Benzo(g,h,i)perylene	17.45	276	31604	2.250	ng	#	91

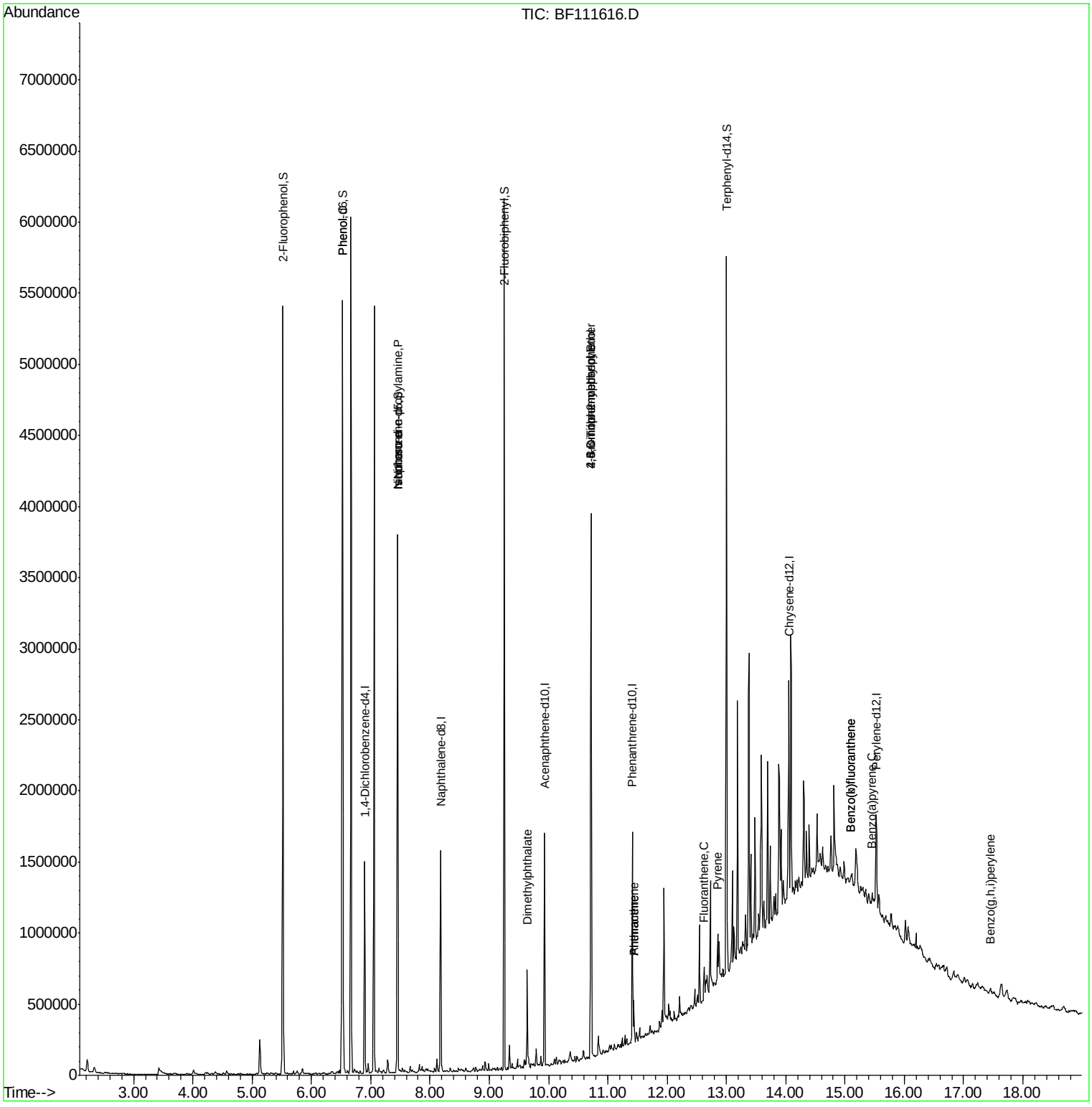
(#) = qualifier out of range (m) = manual integration (+) = signals summed

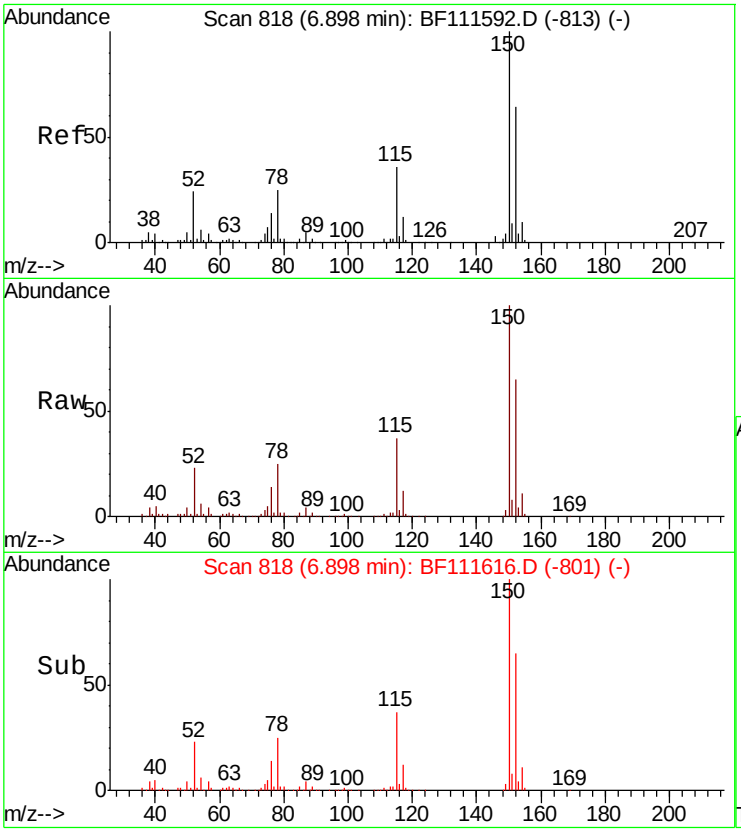
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111616.D
Acq On : 20 Dec 2018 3:15
Operator : JU/SJ
Sample : J6386-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Quant Time: Dec 20 04:42:14 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



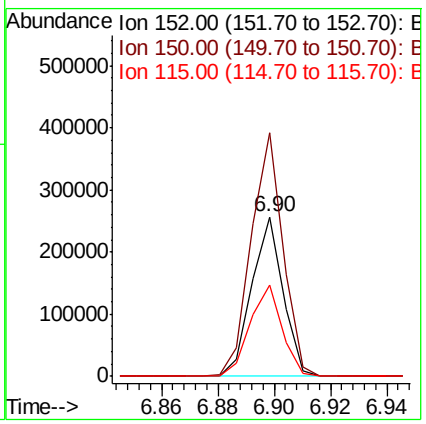


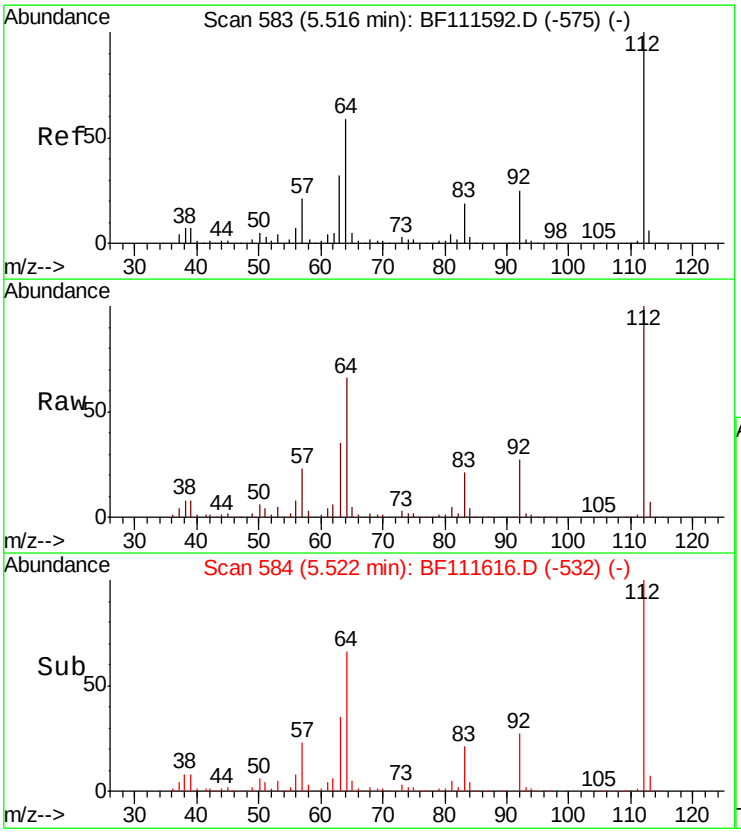
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:152 Resp: 197772

Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	57.1	50.7	76.1

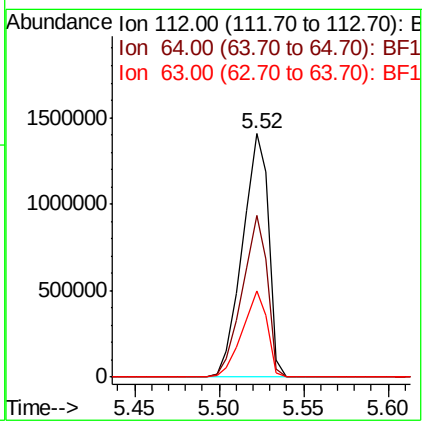


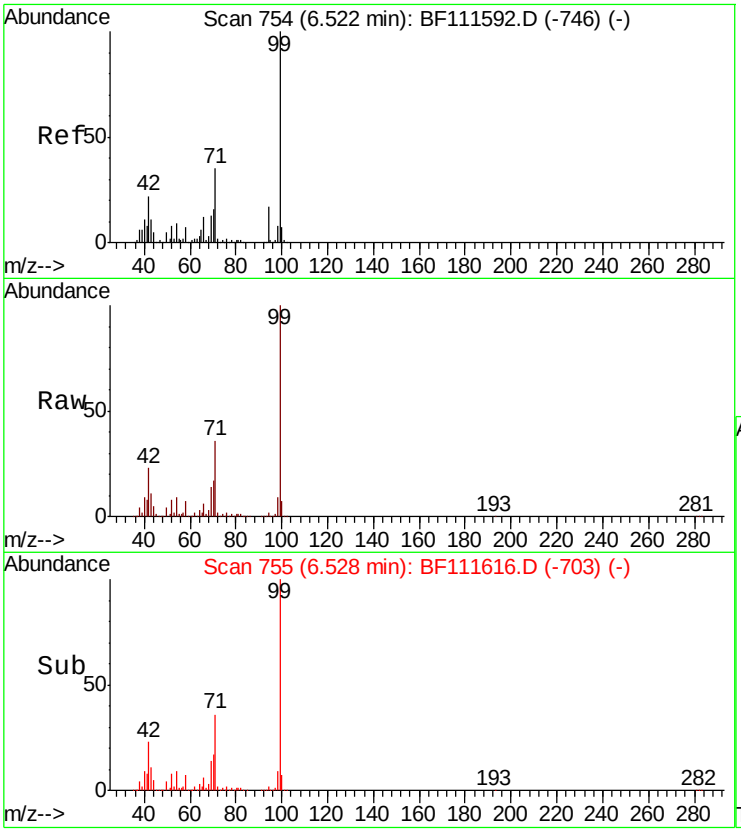


#5
2-Fluorophenol
Concen: 131.351 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:112 Resp: 1524032

Ion	Ratio	Lower	Upper
112	100		
64	66.4	51.8	77.6
63	35.1	26.8	40.2



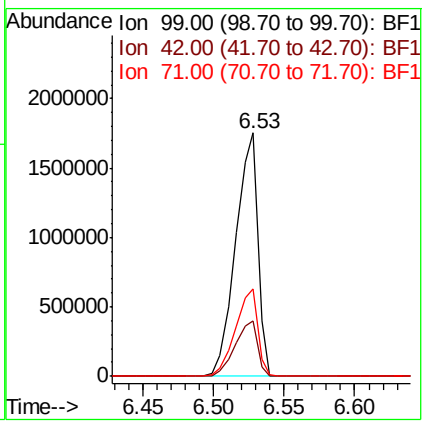


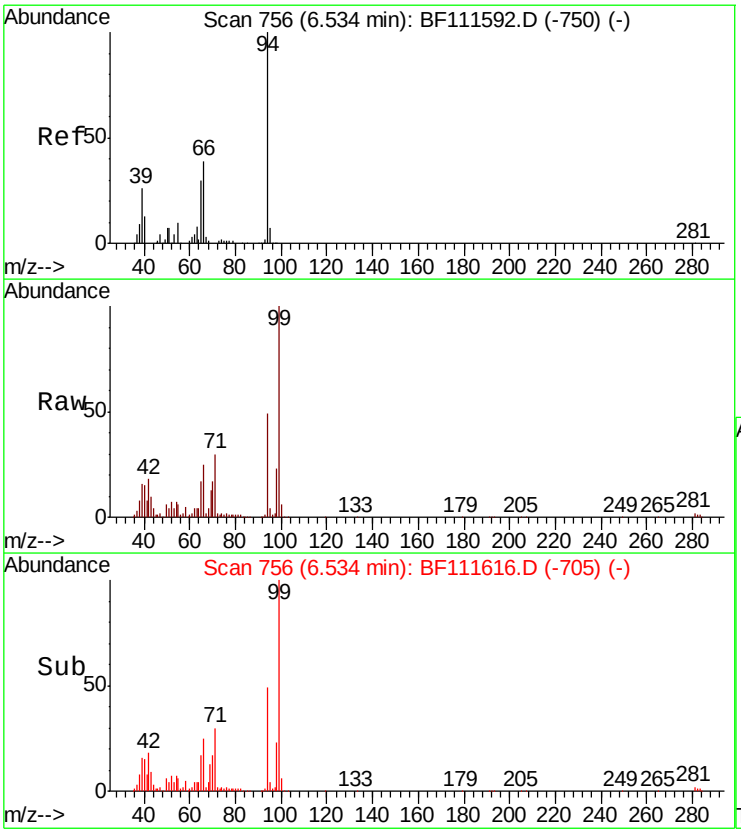
#7
Phenol-d6
Concen: 129.915 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion: 99 Resp: 1918351

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	36.1	26.1	39.1

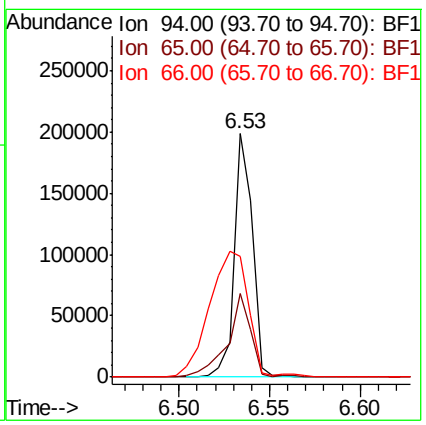


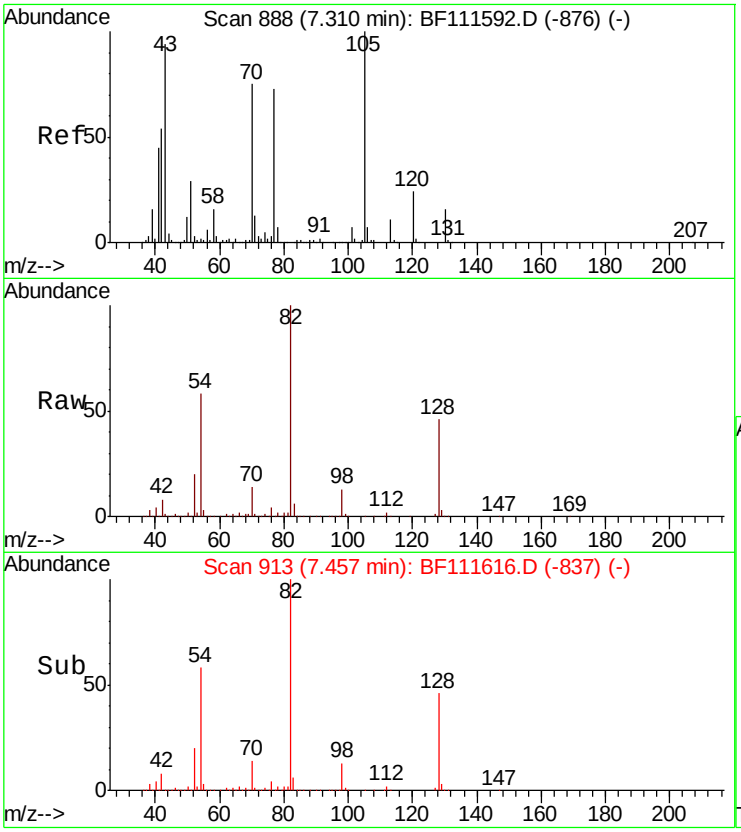


#10
Phenol
Concen: 8.331 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion: 94 Resp: 138805

Ion	Ratio	Lower	Upper
94	100		
65	34.2	11.7	51.7
66	49.7	21.0	61.0



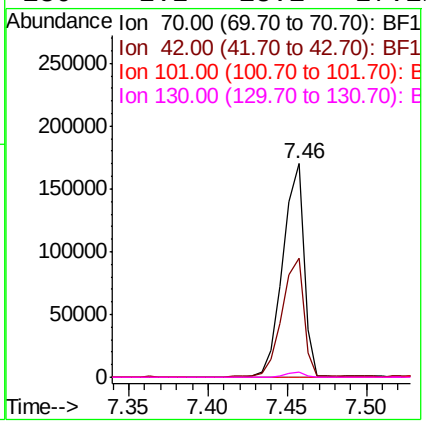


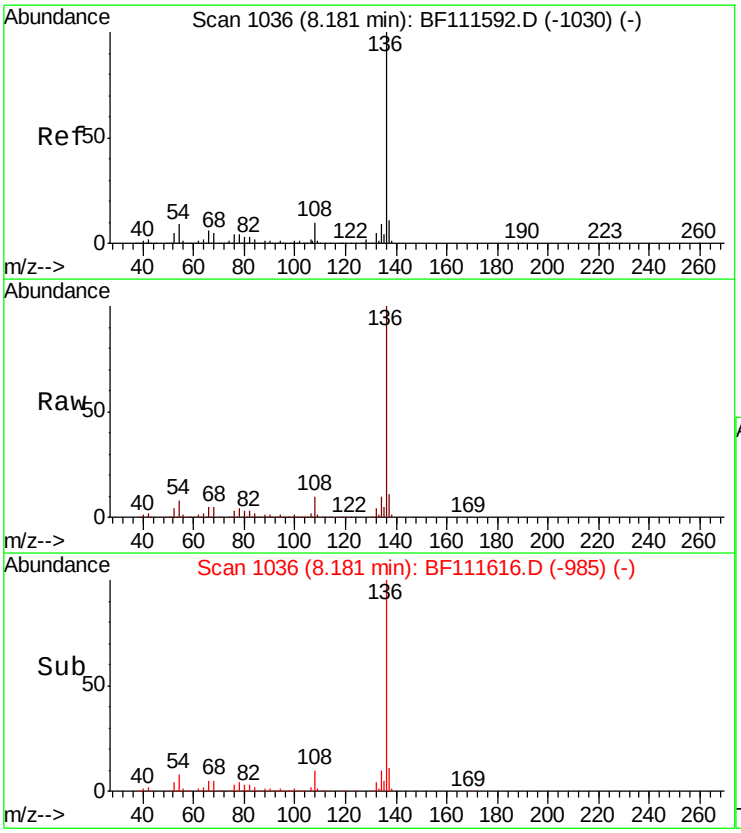
#19
n-Nitroso-di-n-propylamine
Concen: 16.205 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion: 70 Resp: 158917

Ion	Ratio	Lower	Upper
70	100		
42	55.8	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

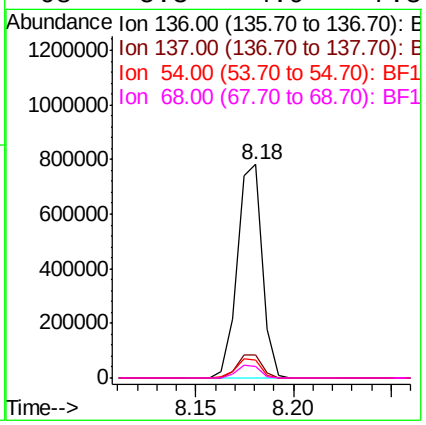


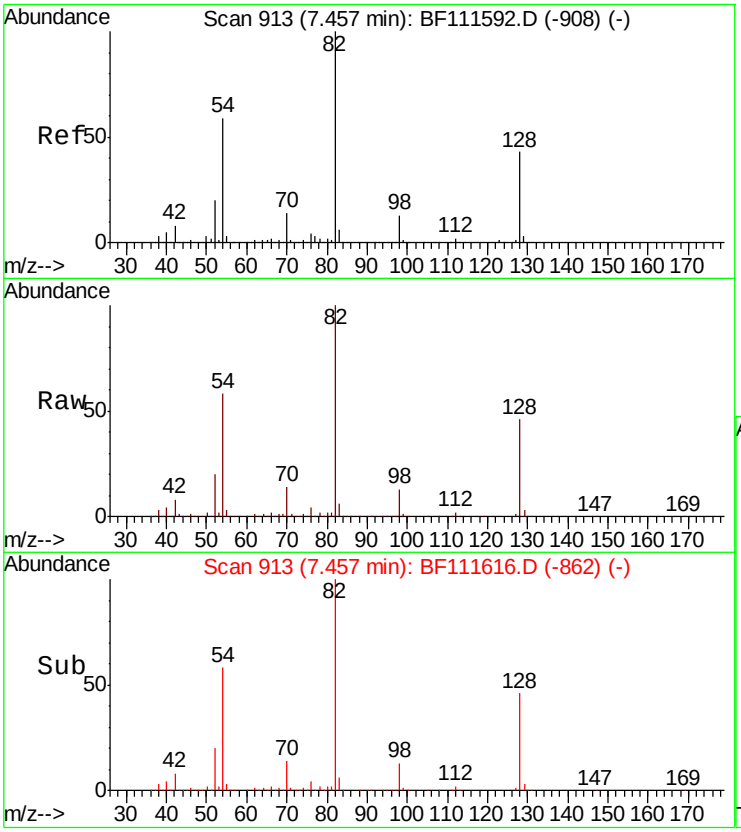


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:136 Resp: 686983

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.2	7.7	11.5
68	5.3	4.9	7.3



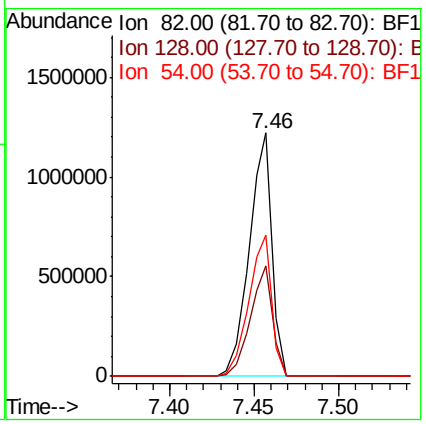


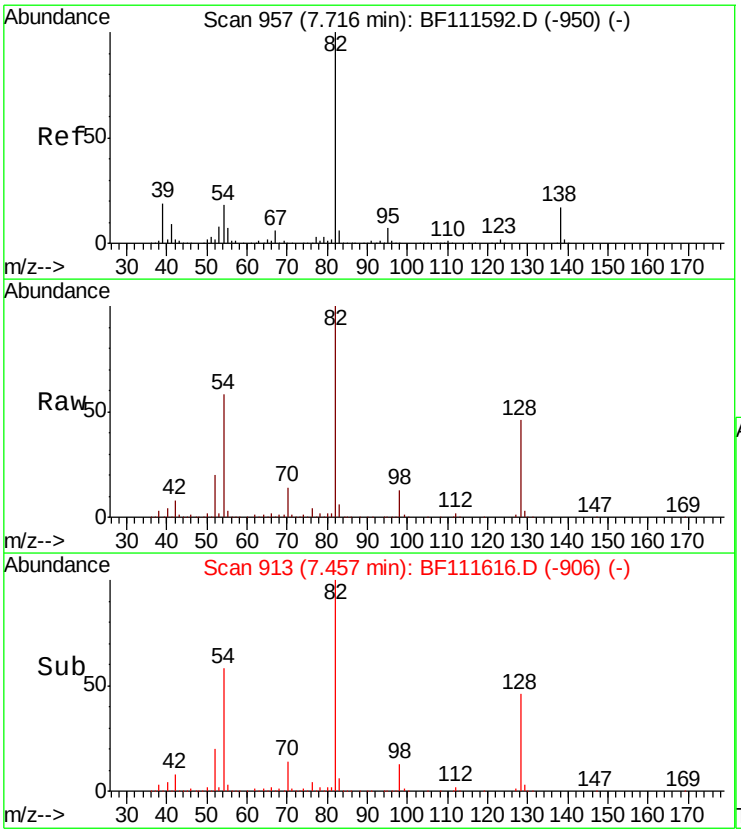
#23
Nitrobenzene-d5
Concen: 96.768 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion: 82 Resp: 1142083

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.4	56.2
54	58.2	47.6	71.4

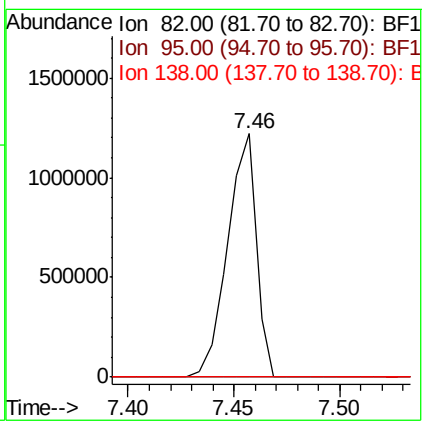


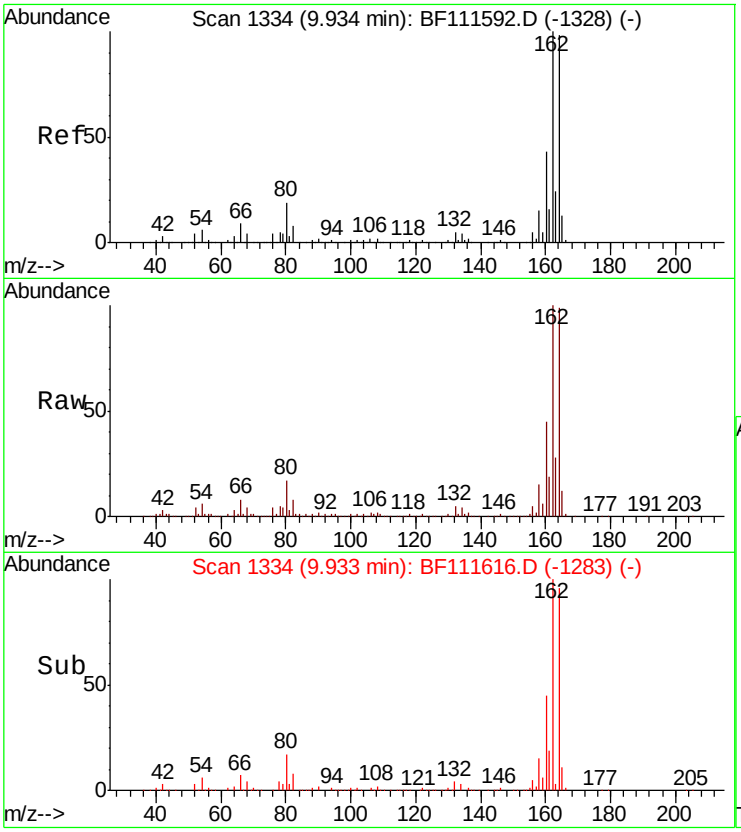


#25
Isophorone
Concen: 54.399 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion: 82 Resp: 1139794

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



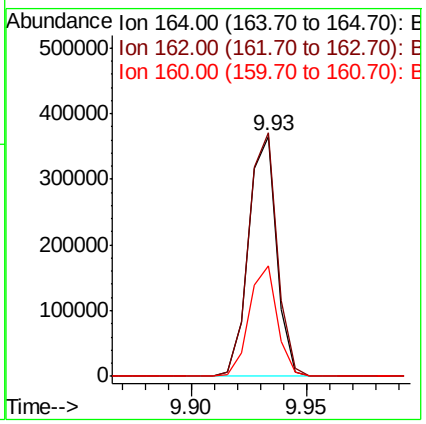


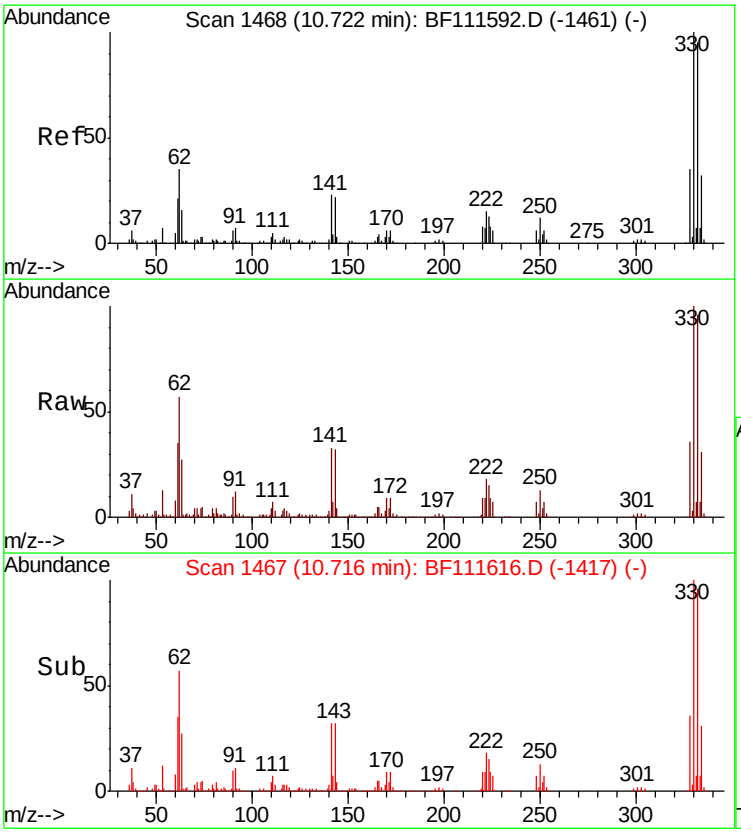
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:164 Resp: 311397

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	45.9	35.7	53.5

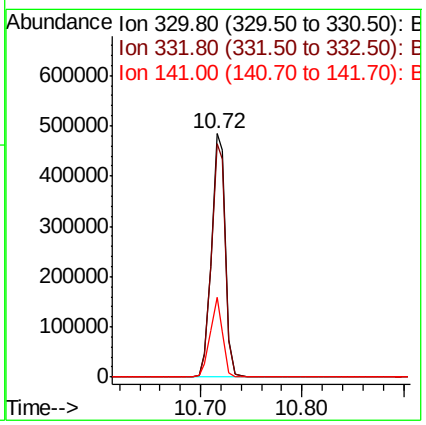


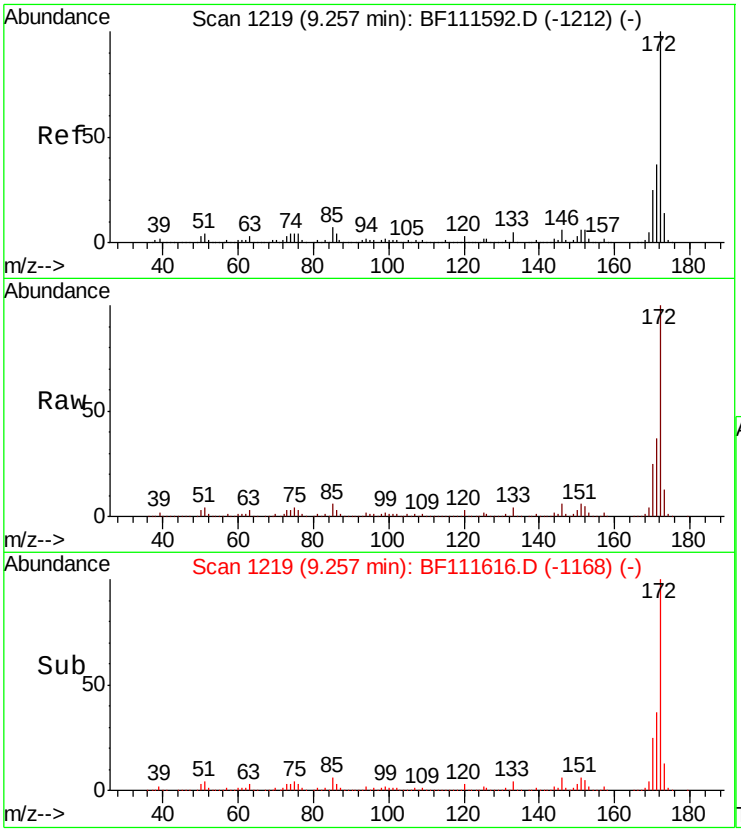


#42
2,4,6-Tribromophenol
Concen: 124.567 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:330 Resp: 458330

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	29.0	31.0	46.6#



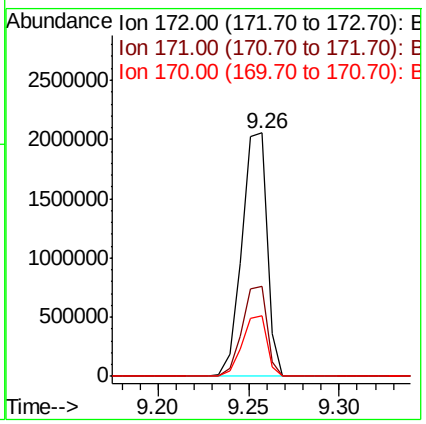


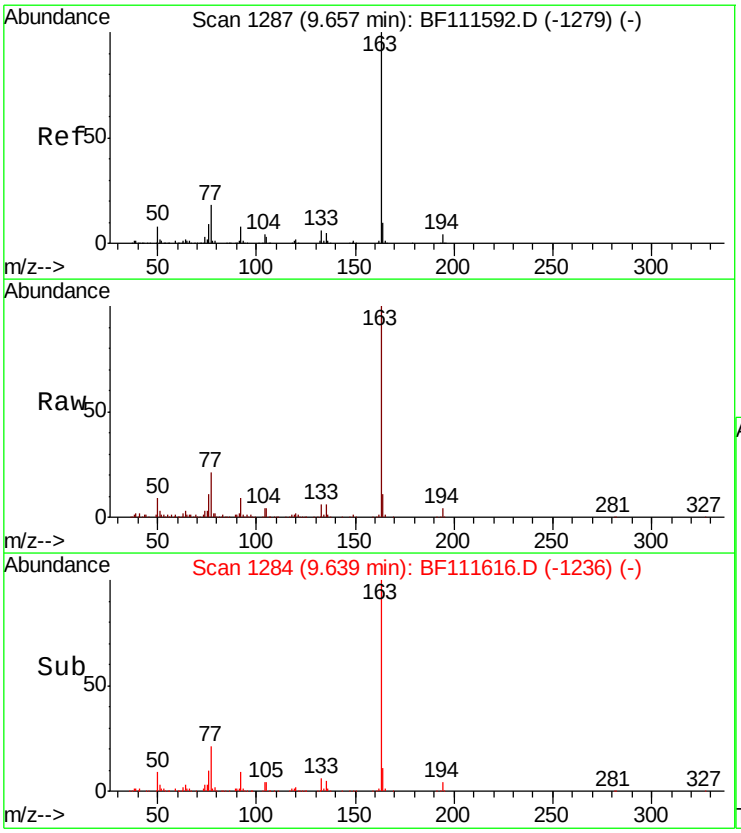
#45
2-Fluorobiphenyl
Concen: 92.712 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:172 Resp: 1980705

Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.0	49.4
170	24.9	22.3	33.5

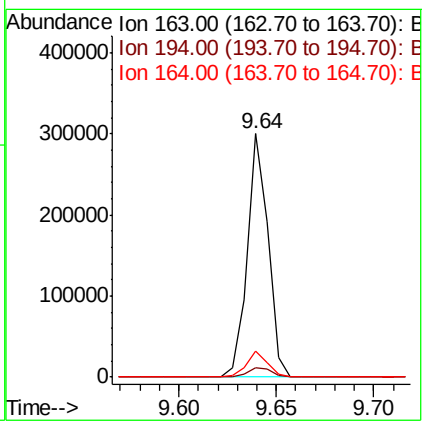


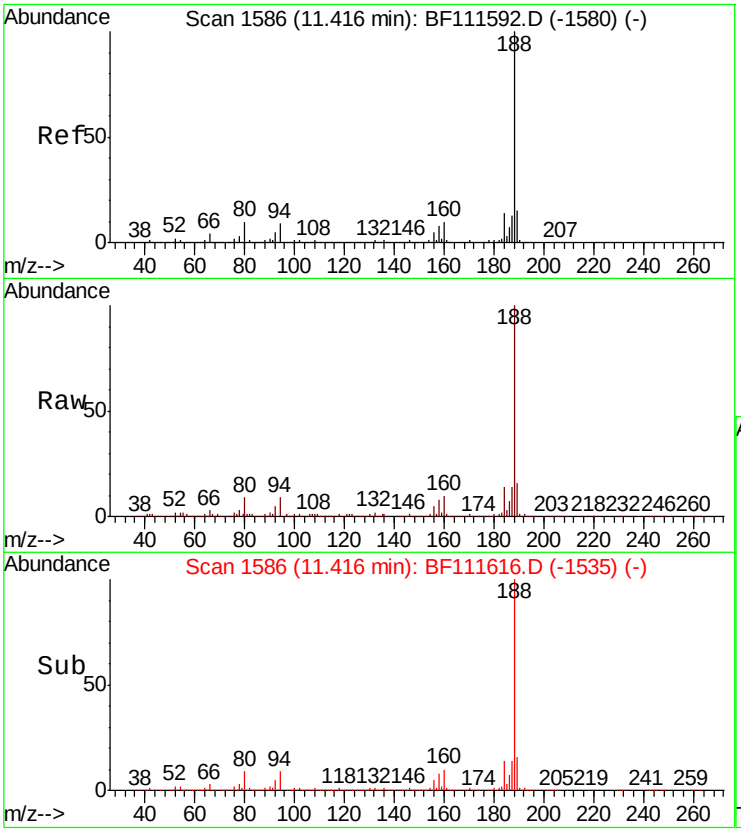


#50
Dimethylphthalate
Concen: 9.717 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:163 Resp: 221274

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	8.9	13.3



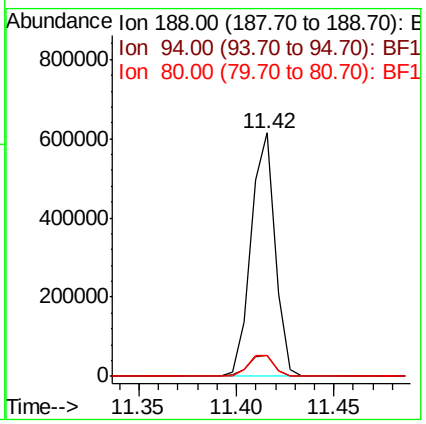


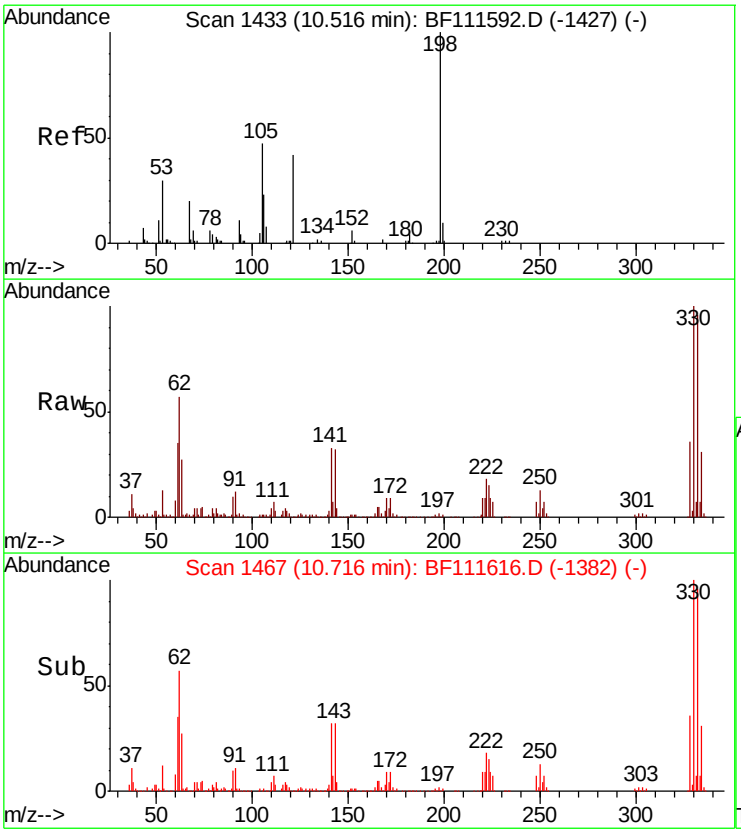
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:188 Resp: 524119

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	8.8	9.8	14.6#

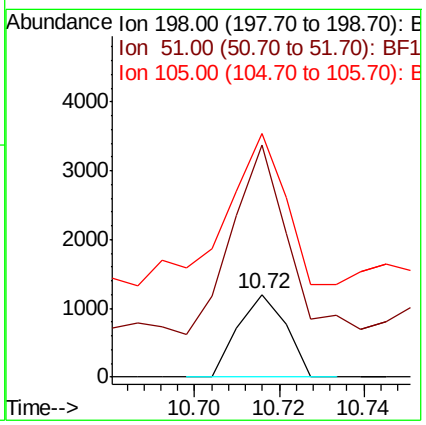


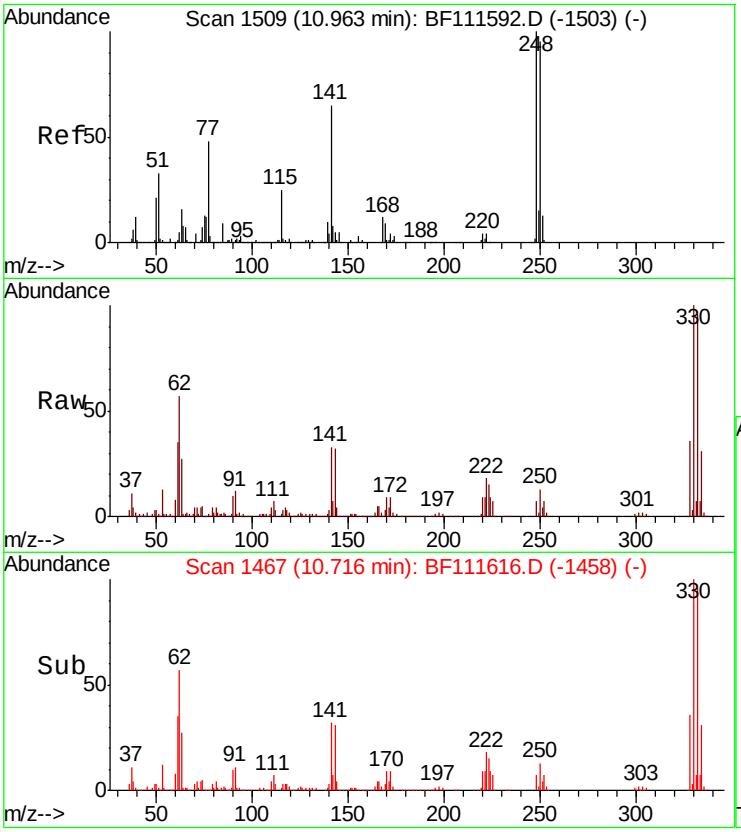


#65
4,6-Dinitro-2-methylphenol
Concen: 7.067 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:198 Resp: 941

Ion	Ratio	Lower	Upper
198	100		
51	282.1	48.0	88.0#
105	295.3	34.0	74.0#



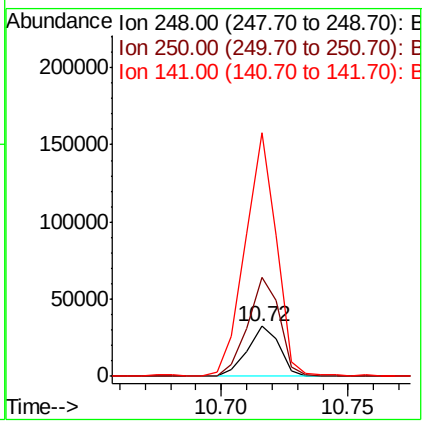


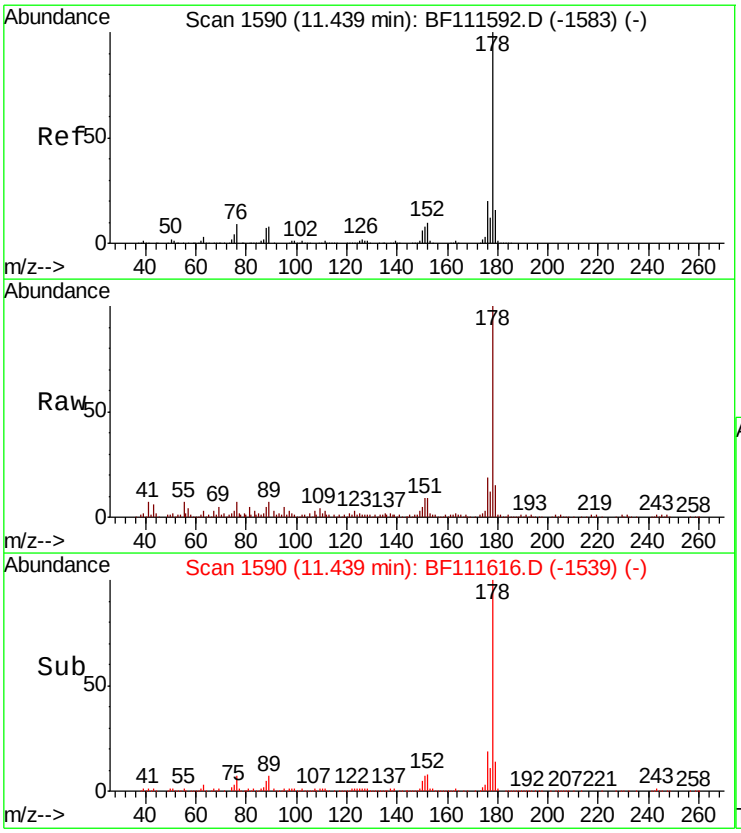
#67
4-Bromophenyl-phenylether
Concen: 4.452 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:248 Resp: 28941

Ion	Ratio	Lower	Upper
248	100		
250	198.4	77.0	115.4#
141	486.3	63.0	94.6#

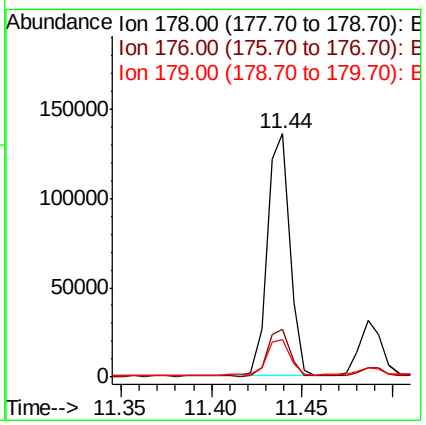


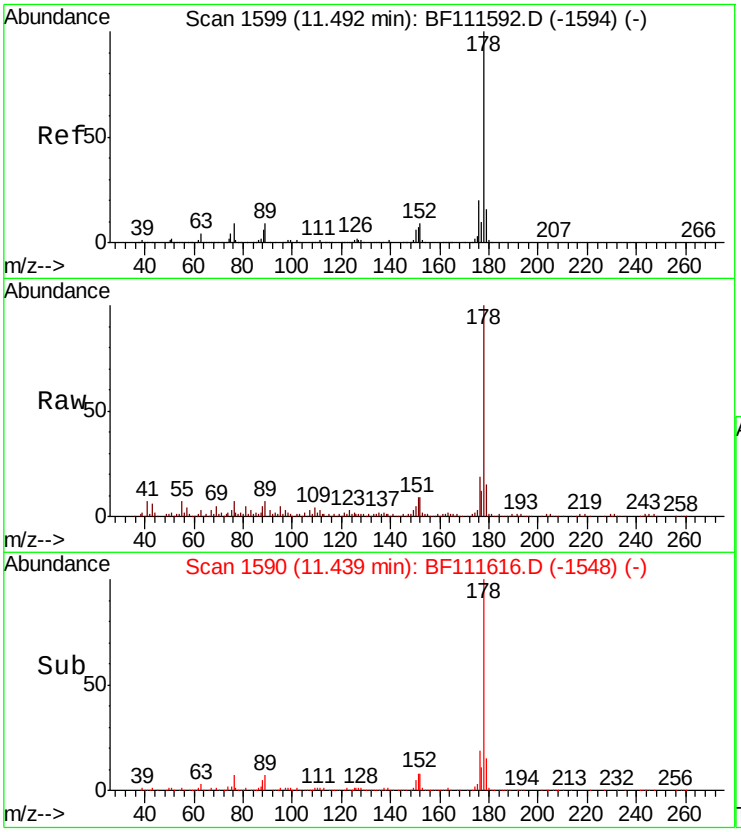


#71
Phenanthrene
Concen: 4.208 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:178 Resp: 116958

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.3	14.0	21.0



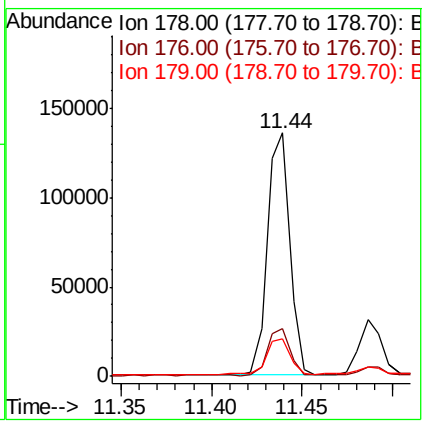


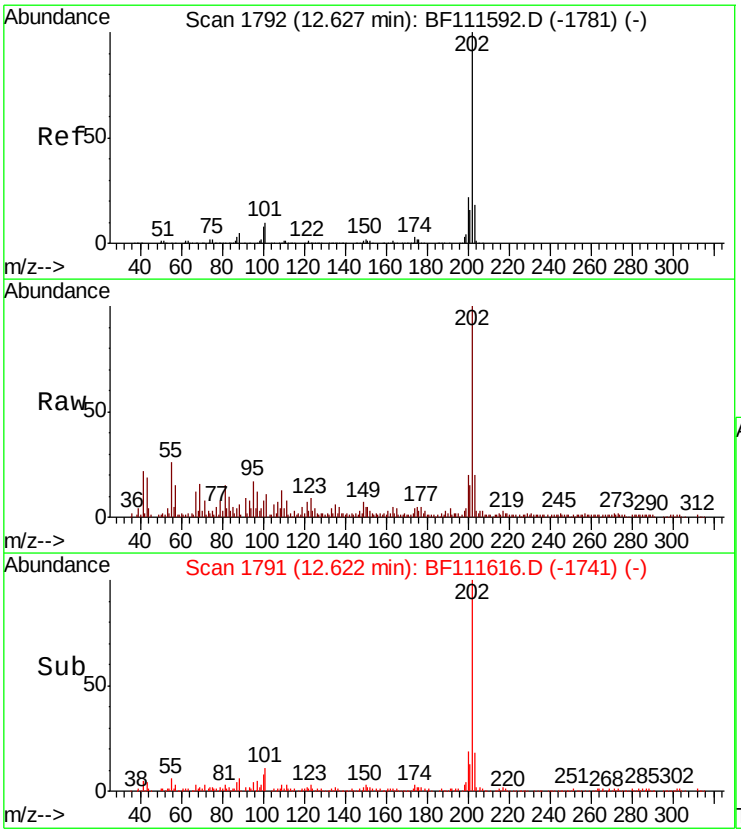
#72
Anthracene
Concen: 4.192 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.05 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:178 Resp: 116958

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.2	25.8
179	15.3	13.8	20.8

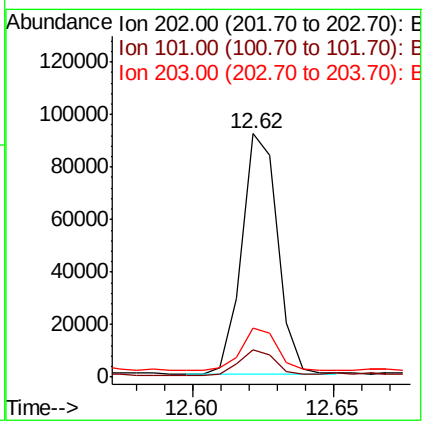


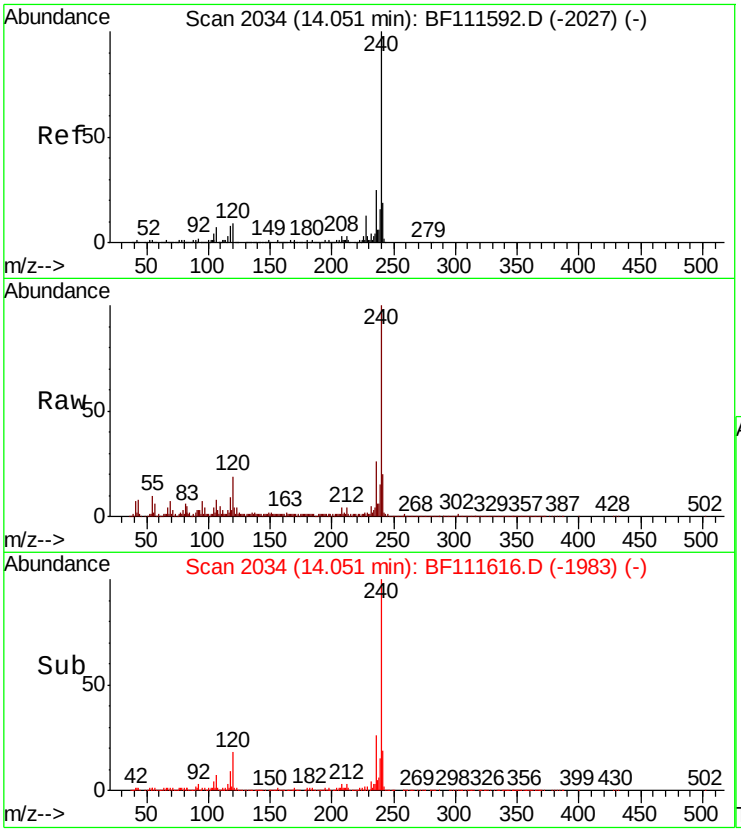


#75
Fluoranthene
Concen: 2.876 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:202 Resp: 80950

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.8
203	19.9	0.0	38.6



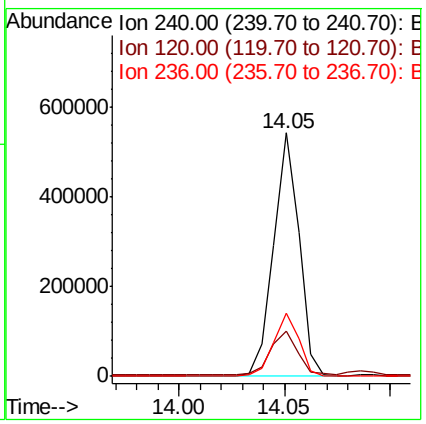


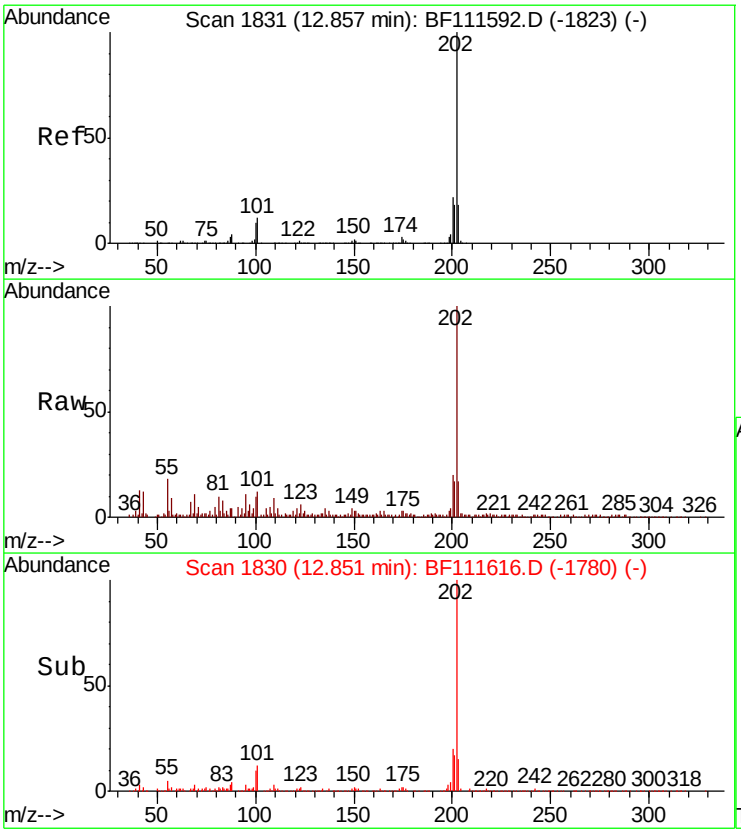
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:240 Resp: 452473

Ion	Ratio	Lower	Upper
240	100		
120	18.8	12.2	18.2#
236	26.1	20.2	30.2

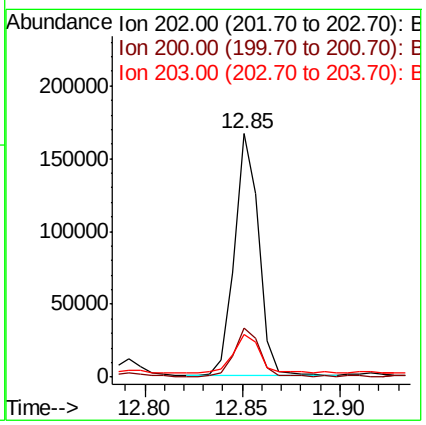


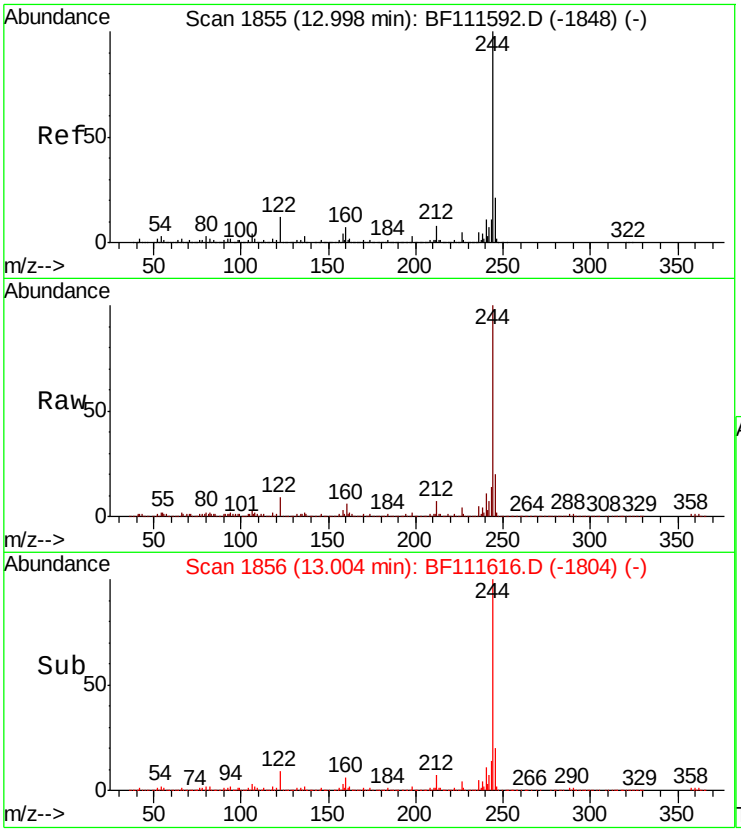


#78
Pyrene
Concen: 4.433 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:202 Resp: 141642

Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.0	28.4
203	17.3	15.2	22.8



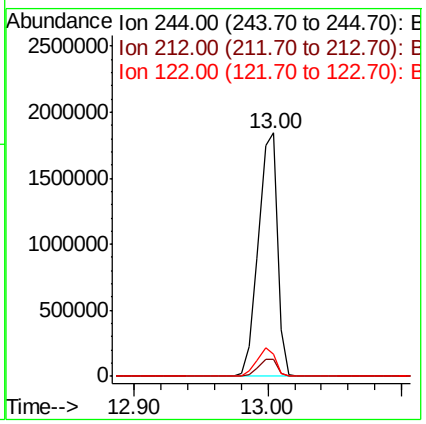


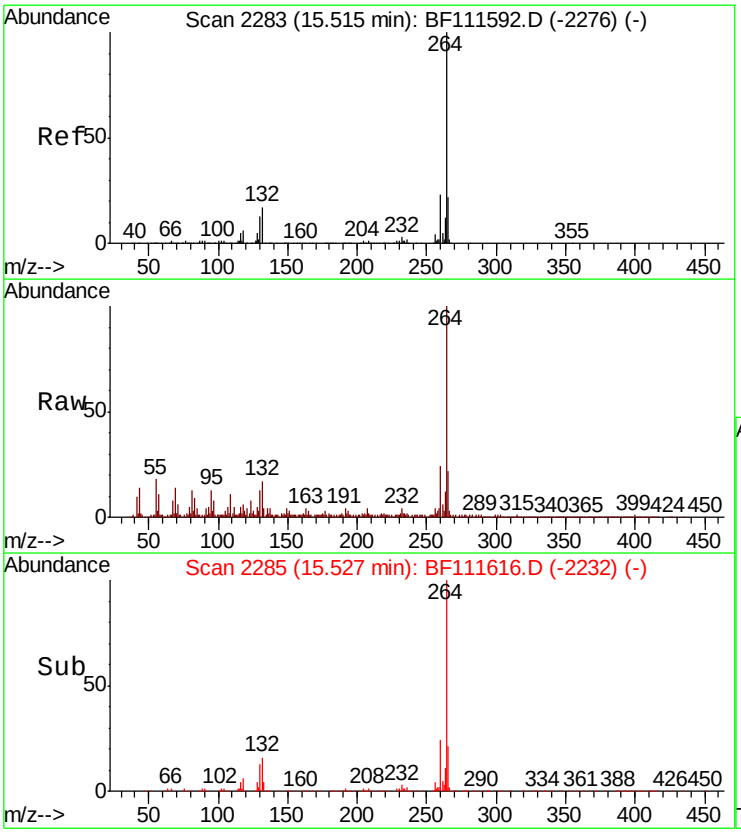
#79
Terphenyl-d14
Concen: 75.628 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:244 Resp: 1804446

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.3	13.1	19.7#

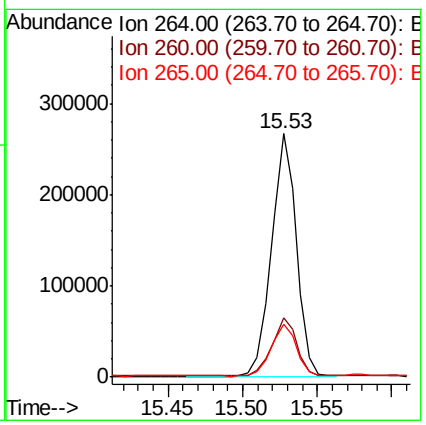


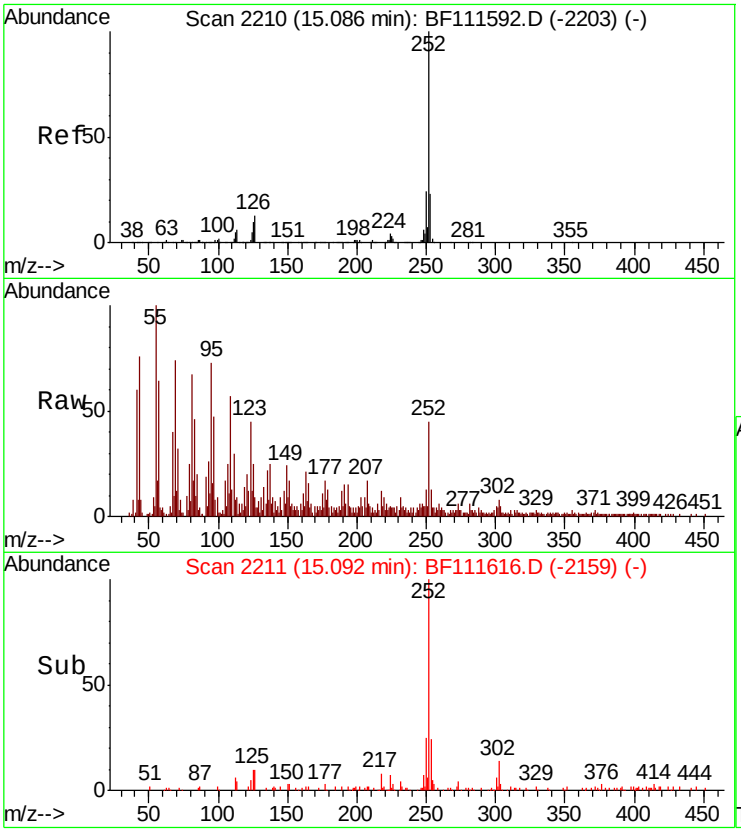


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:264 Resp: 309341

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.3	27.5
265	21.5	17.7	26.5



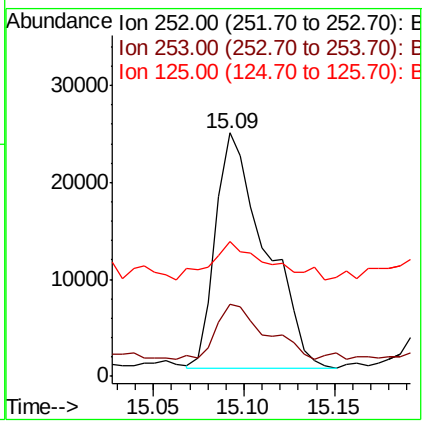


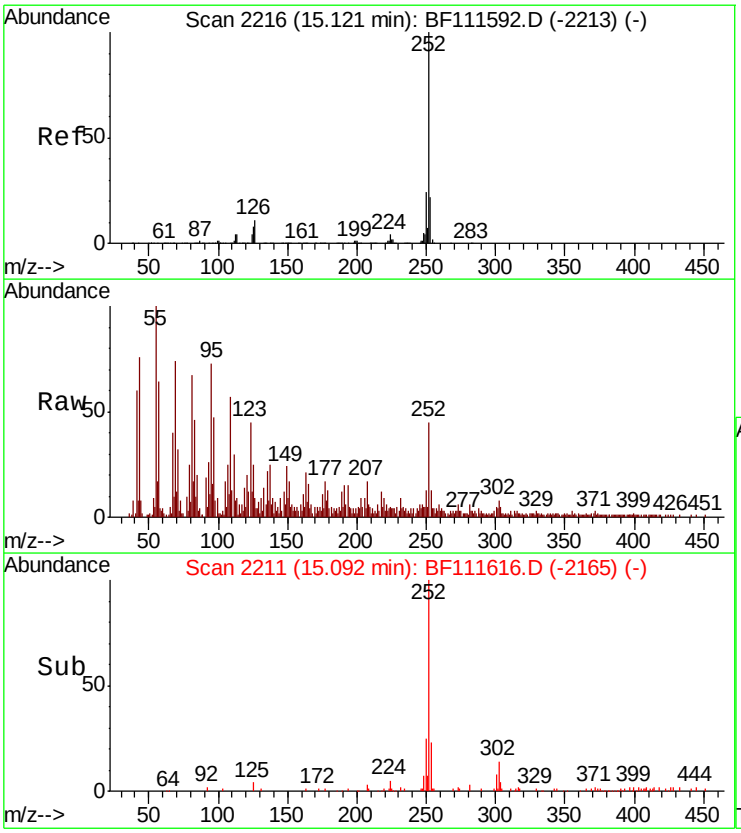
#88
Benzo(b)fluoranthene
Concen: 2.570 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:252 Resp: 46464

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.2	27.2#
125	55.3	10.4	15.6#

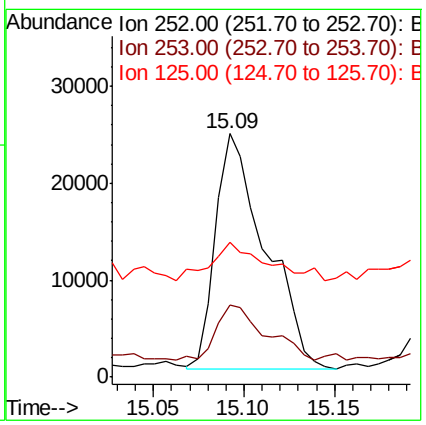


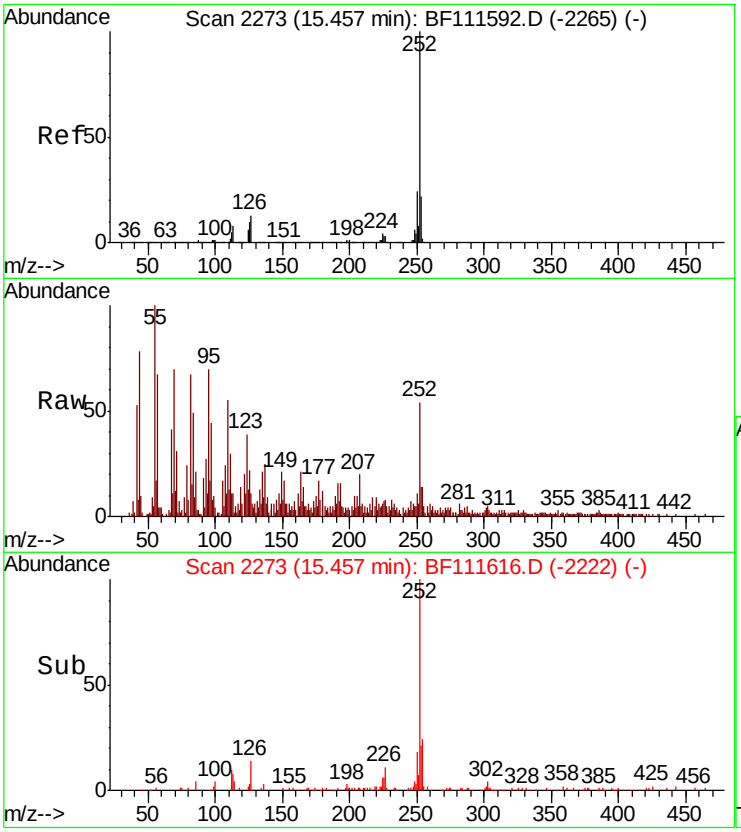


#89
Benzo(k)fluoranthene
Concen: 2.700 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:252 Resp: 46464

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.1	27.1#
125	55.3	9.8	14.8#



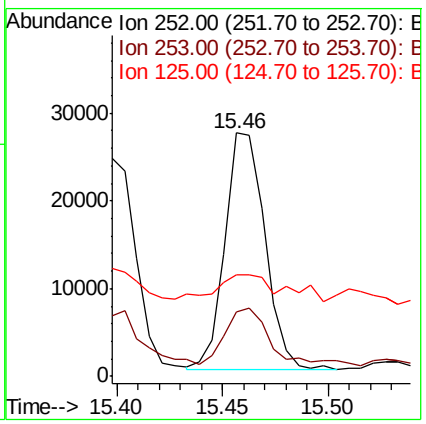


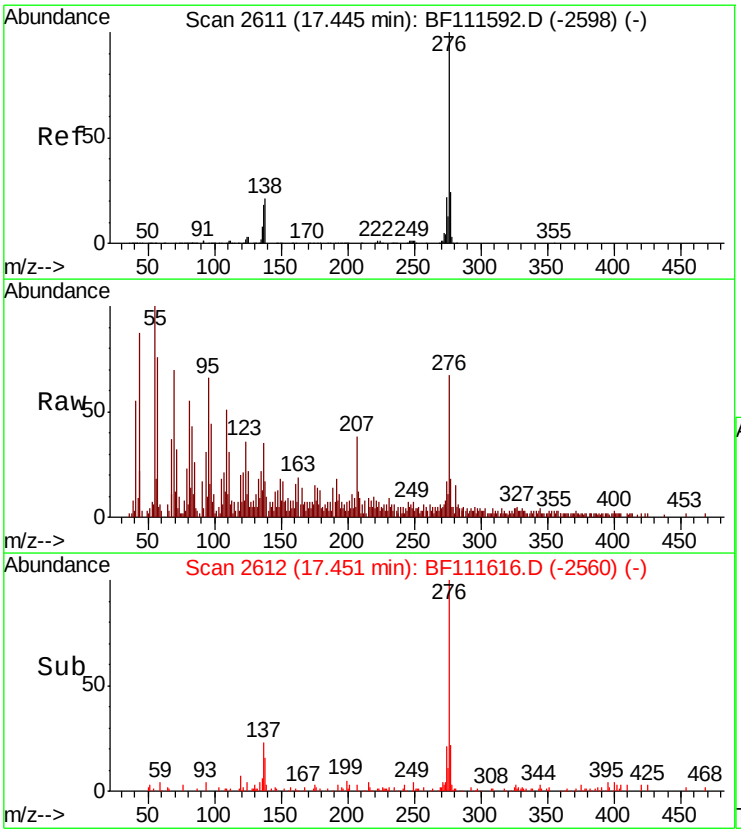
#90
Benzo(a)pyrene
Concen: 2.158 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-02

Tgt Ion:252 Resp: 35439

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.8
125	41.6	12.3	18.5#





#92
Benzo(g,h,i)perylene
Concen: 2.250 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BF111616.D
Acq: 20 Dec 2018 3:15

Tgt Ion:276 Resp: 31604

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