Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
Acq On : 14 Dec 2018 16:49
Operator : JU/SJ
Sample : J6319-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 17:26:25 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	173024	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	690109	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	324602	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	496602	20.00	ng		0.00
76) Chrysene-d12	13.94	240	326203	20.00	ng		0.00
87) Perylene-d12	15.39	264	306955	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1125503	108.25	ng		0.00
7) Phenol-d6	6.44	99	1424522	103.00	ng		0.00
23) Nitrobenzene-d5	7.35	82	886259	76.47	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	262083	90.13	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1349794	64.23	ng		0.00
79) Terphenyl-d14	12.90	244	849135	61.13	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	103920	6.745	ng		91
18) Hexachloroethane	7.33	117	30459	5.896	ng	#	1
25) Isophorone	7.35	82	872493	44.495	ng	#	65
31) Naphthalene	8.09	128	86742	2.687	ng		98
38) 1-Methylnaphthalene	8.89	142	50128	2.376	ng	#	96
50) Dimethylphthalate	9.54	163	118562	5.072	ng		98
75) Fluoranthene	12.53	202	102791	4.106	ng		98
78) Pyrene	12.75	202	108210	4.705	ng		94
81) Benzo(a)anthracene	13.97	228	181205	10.216	ng		96
83) Chrysene	13.97	228	181205	9.698	ng		97
86) Indeno(1,2,3-cd)pyrene	16.65	276	52455	3.890	ng		94
88) Benzo(b)fluoranthene	14.98	252	655168	36.610	ng		99
89) Benzo(k)fluoranthene	14.98	252	655168	38.314	ng		99
90) Benzo(a)pyrene	15.33	252	409030	25.346	ng		97
91) Dibenzo(a,h)anthracene	16.63	278	60887	4.783	ng		94
92) Benzo(g,h,i)perylene	17.23	276	257026	20.569	ng		94

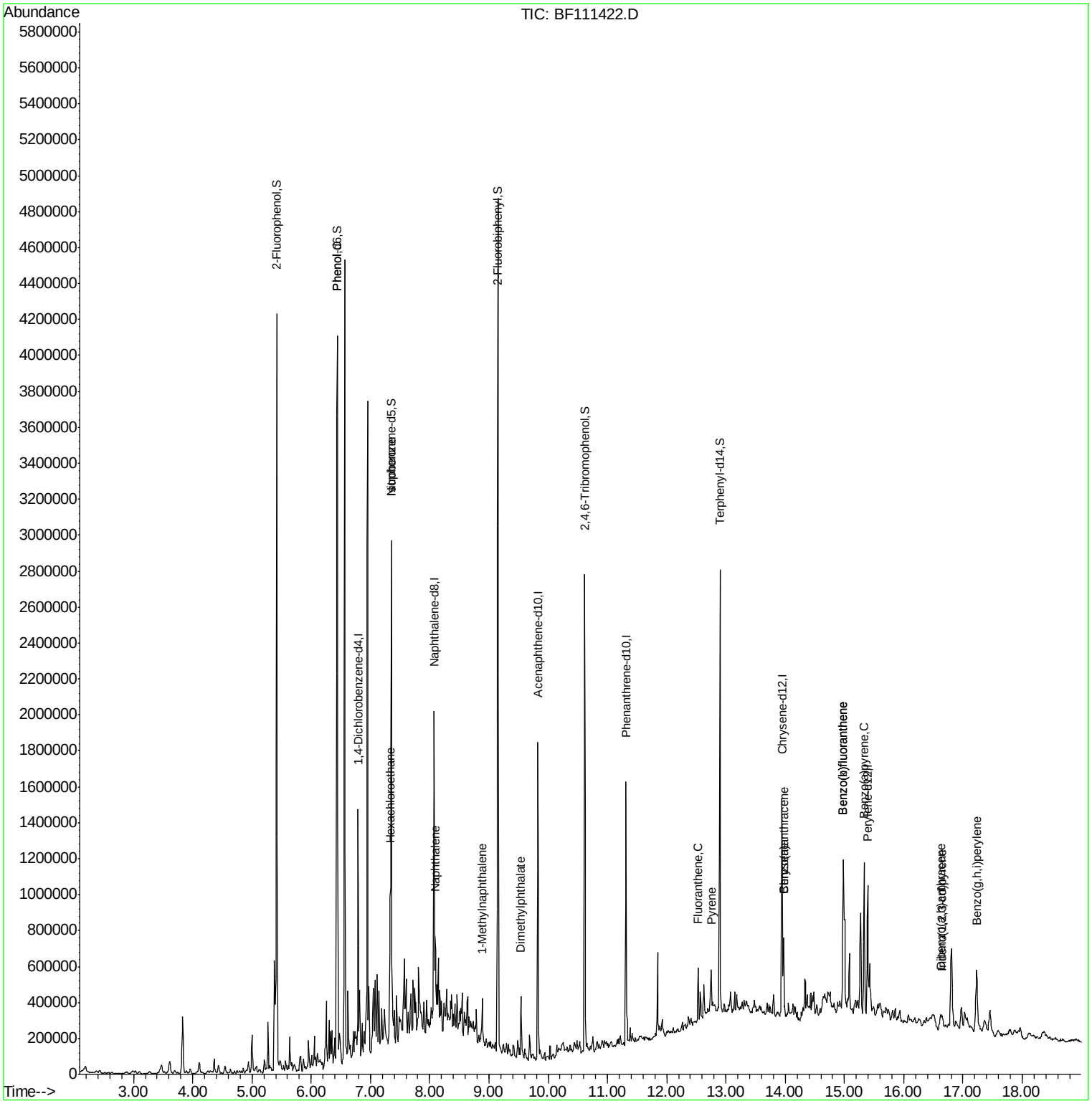
(#) = qualifier out of range (m) = manual integration (+) = signals summed

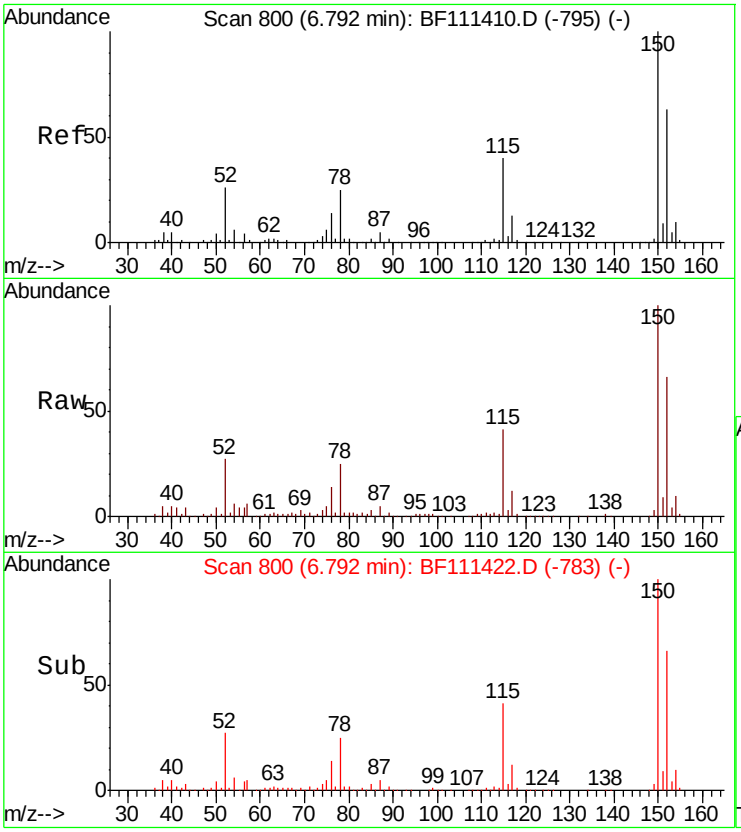
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
Acq On : 14 Dec 2018 16:49
Operator : JU/SJ
Sample : J6319-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 17:26:25 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



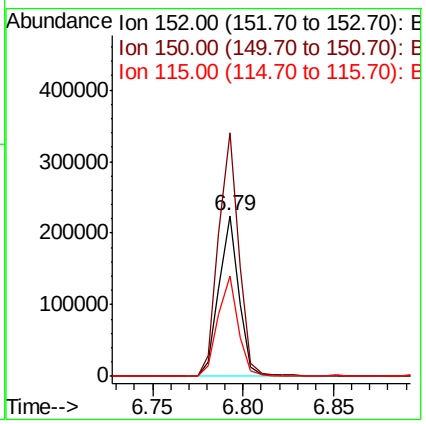


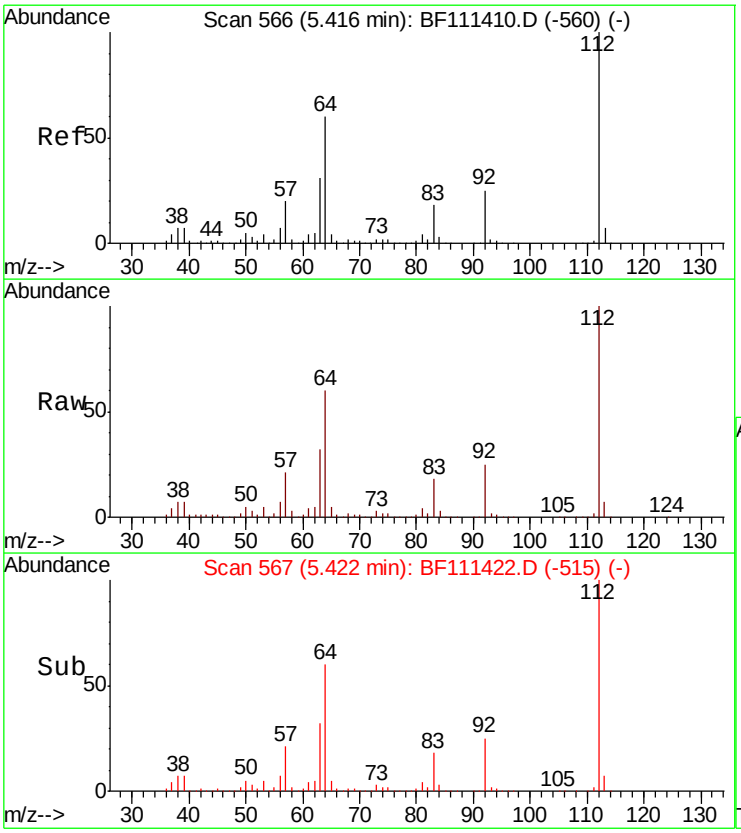
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 173024

Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.6	189.8
115	62.2	50.7	76.1

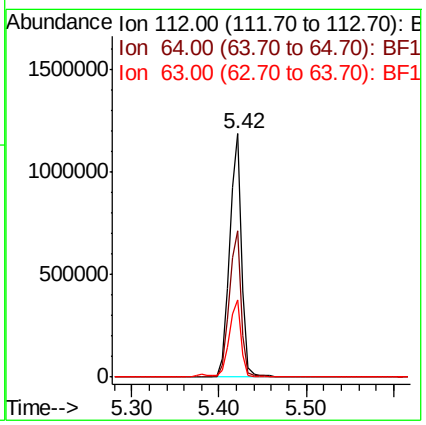


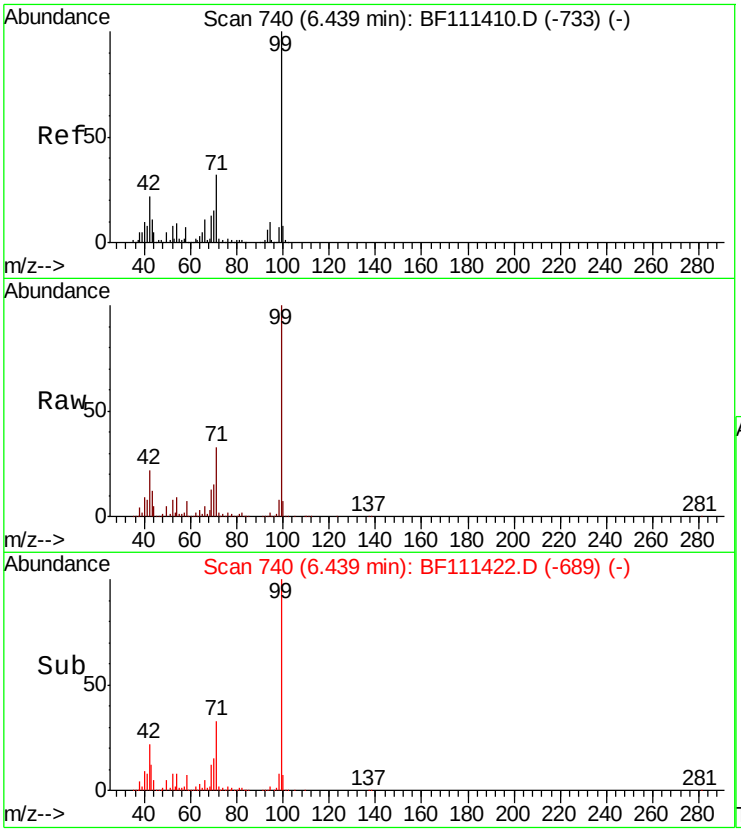


#5
2-Fluorophenol
Concen: 108.245 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:112 Resp: 1125503

Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	31.9	26.8	40.2



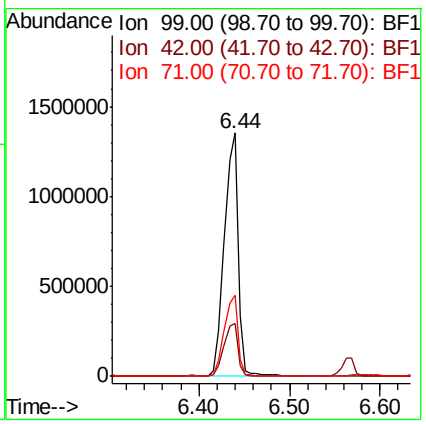


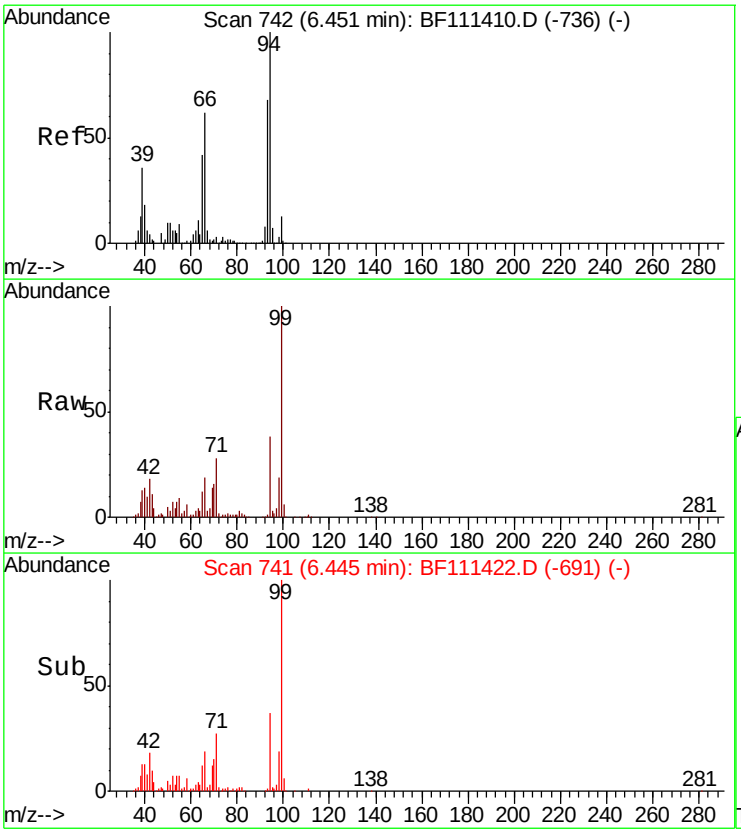
#7
Phenol-d6
Concen: 102.997 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1424522

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	33.1	26.1	39.1

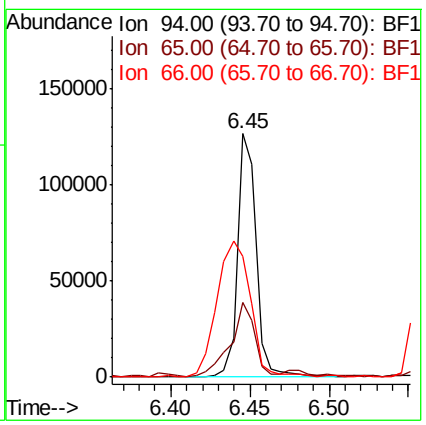


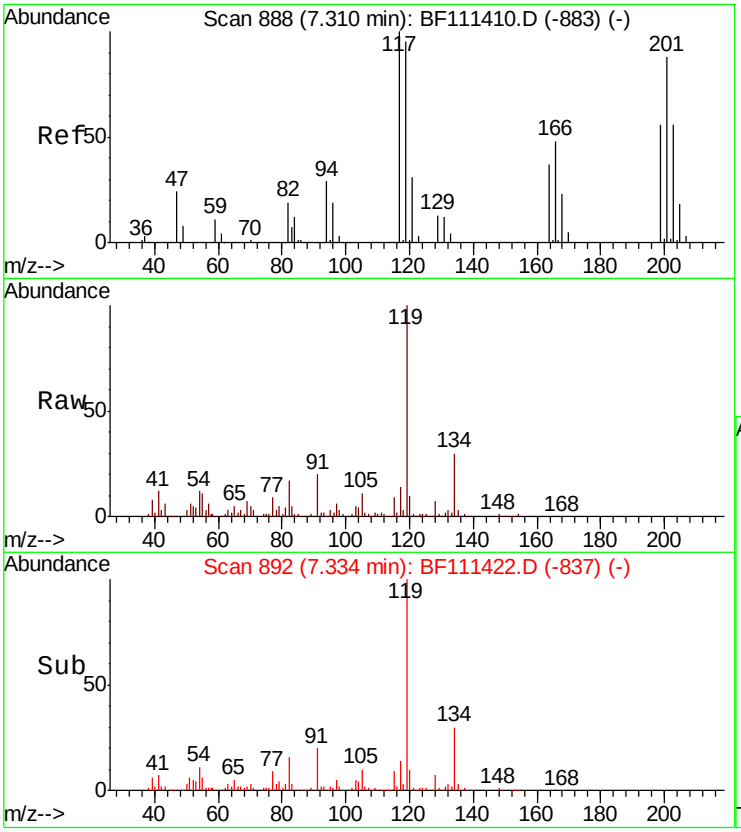


#10
Phenol
Concen: 6.745 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion: 94 Resp: 103920

Ion	Ratio	Lower	Upper
94	100		
65	30.6	11.7	51.7
66	49.6	21.0	61.0



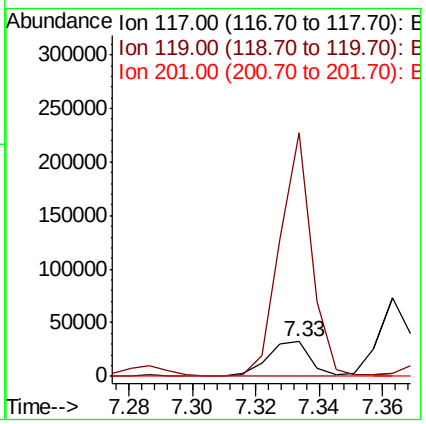


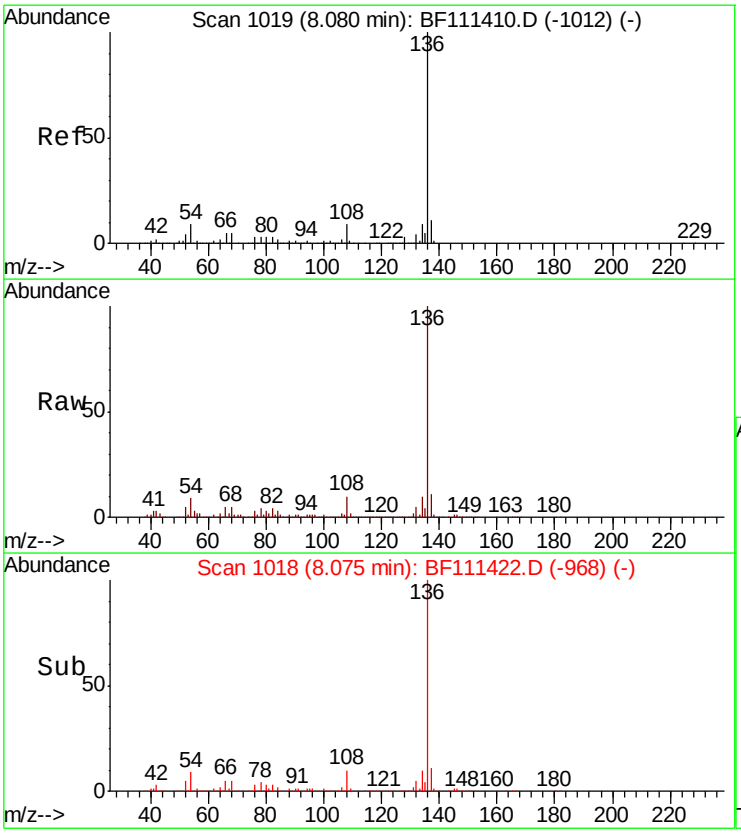
#18
Hexachloroethane
Concen: 5.896 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 30459

Ion	Ratio	Lower	Upper
117	100		
119	707.7	75.4	113.0#
201	0.0	62.4	93.6#

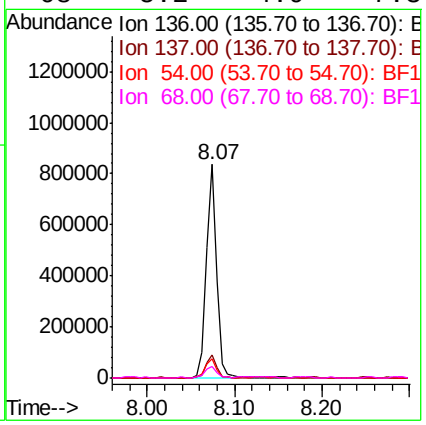


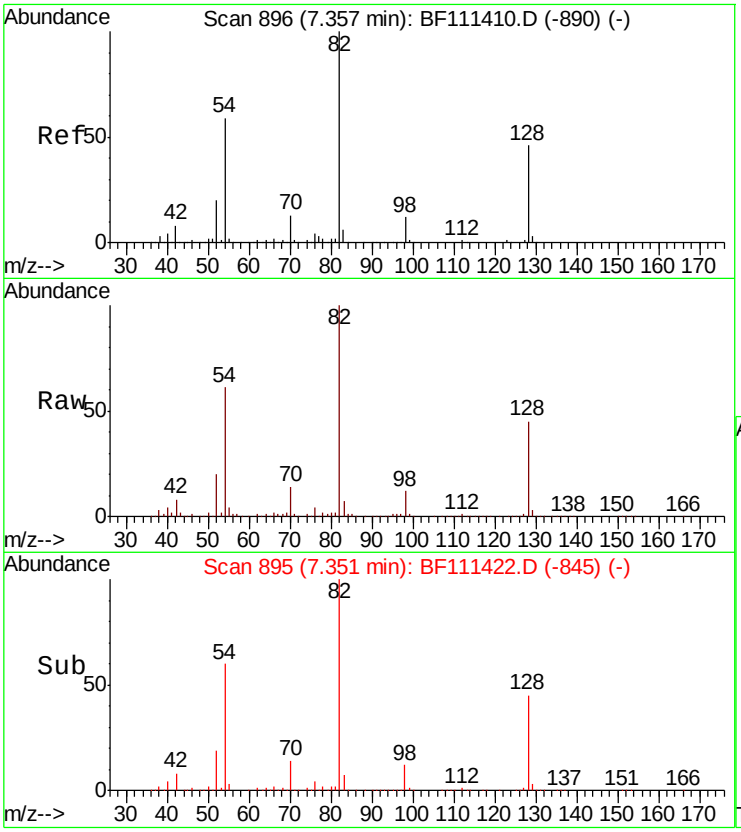


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:136 Resp: 690109

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.2	7.7	11.5
68	5.2	4.9	7.3



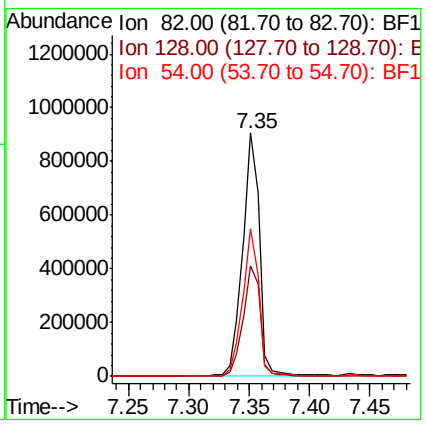


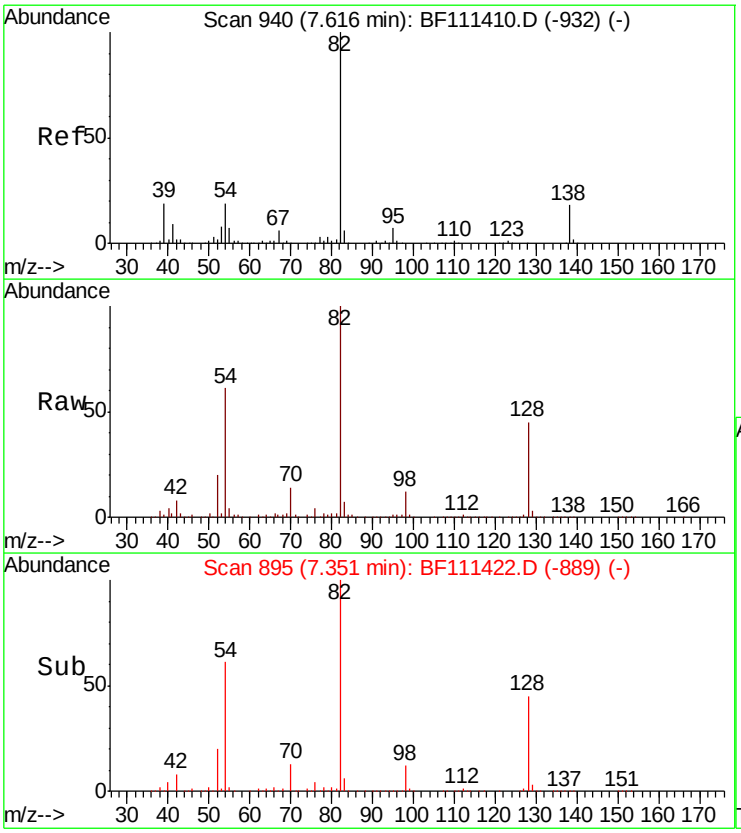
#23
Nitrobenzene-d5
Concen: 76.474 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 886259

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	60.5	47.6	71.4

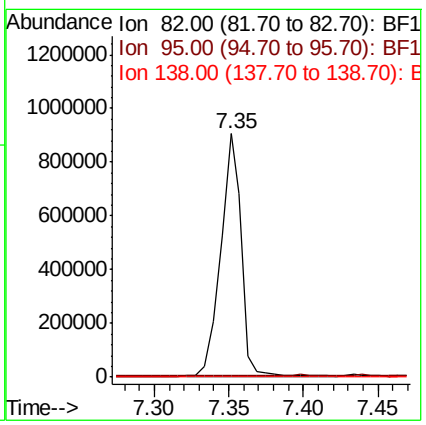


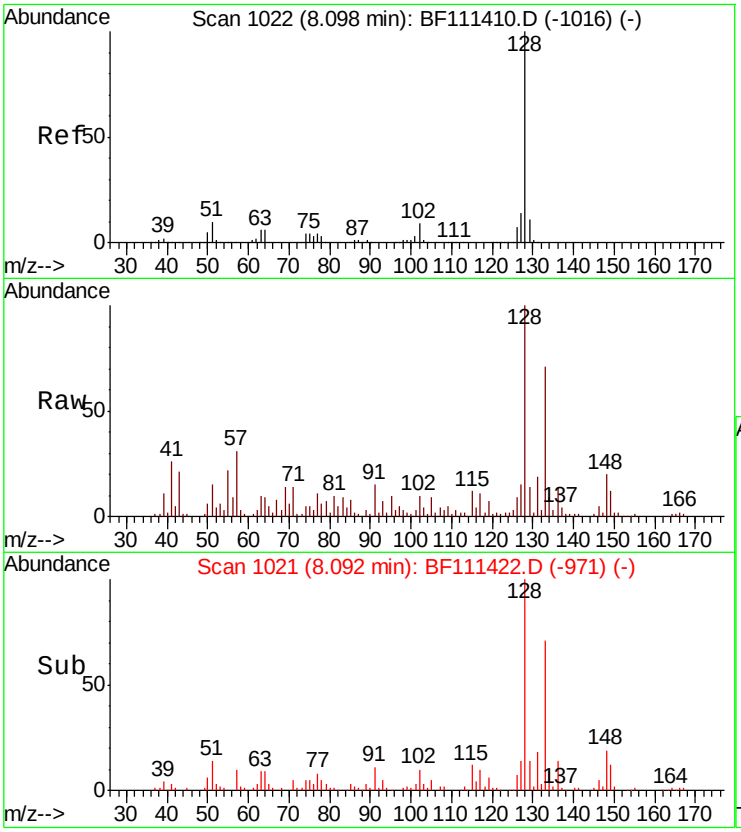


#25
Isophorone
Concen: 44.495 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion: 82 Resp: 872493

Ion	Ratio	Lower	Upper
82	100		
95	0.9	5.4	8.2#
138	0.0	15.1	22.7#



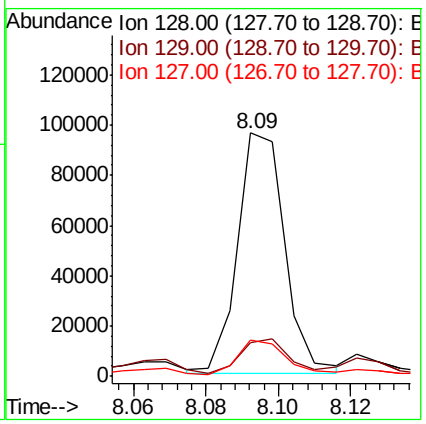


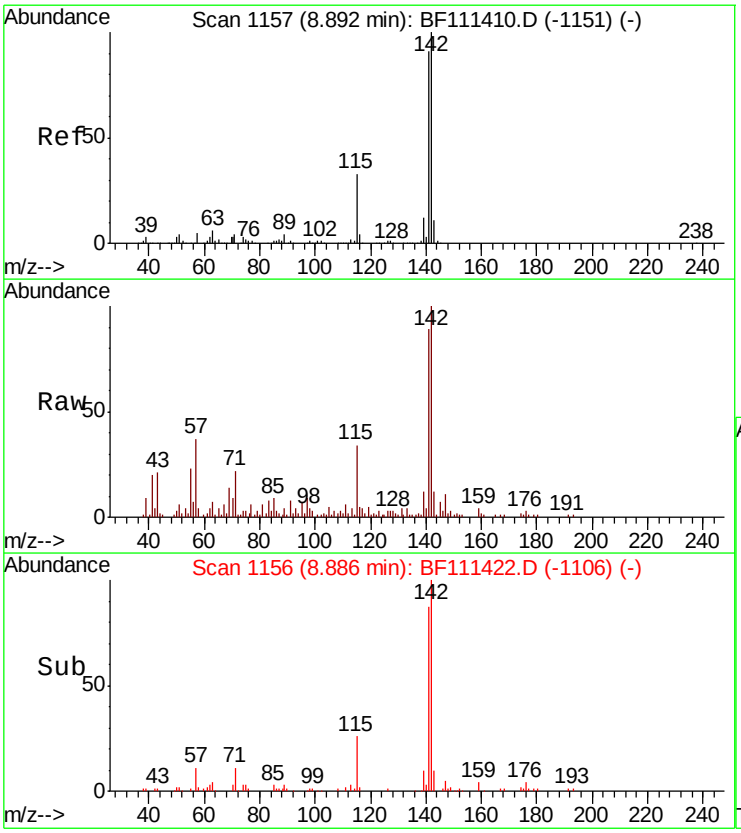
#31
Naphthalene
Concen: 2.687 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 86742

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.8	14.8
127	15.0	12.0	18.0

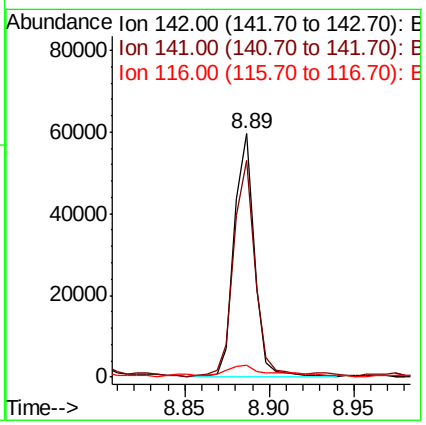


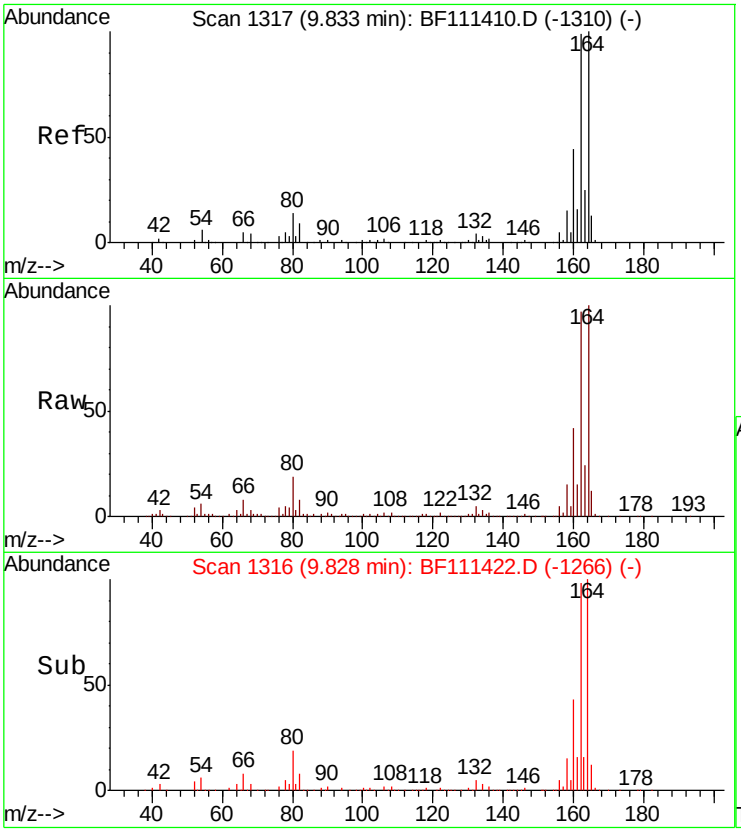


#38
1-Methylnaphthalene
Concen: 2.376 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:142 Resp: 50128

Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.2	111.4
116	4.9	2.9	4.3#

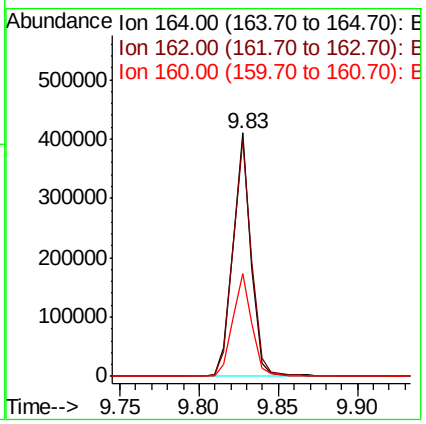




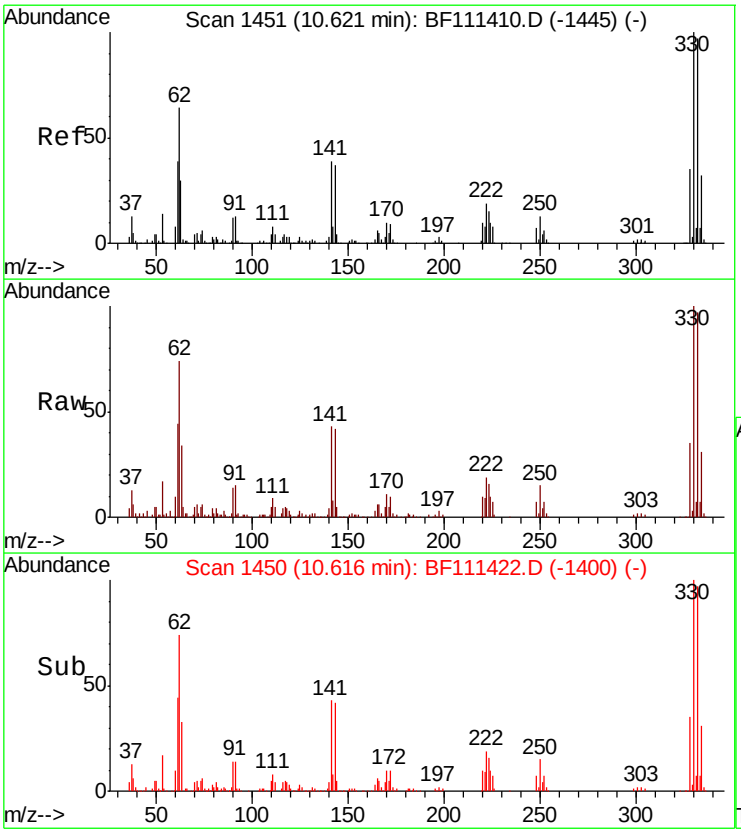
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:164 Resp: 324602

Ion	Ratio	Lower	Upper
164	100		
162	97.2	81.4	122.0
160	42.2	35.7	53.5



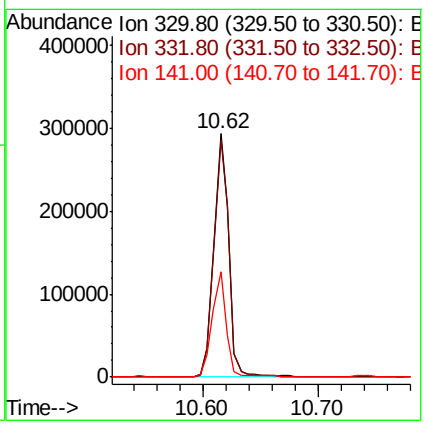
Instrument :
BNA_F
ClientSampleId :

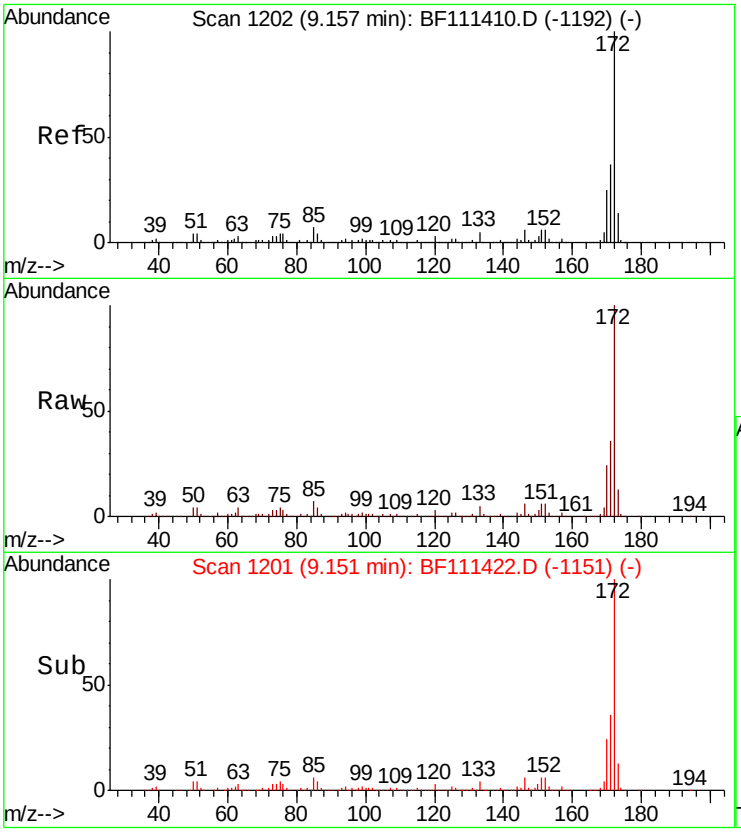


#42
2,4,6-Tribromophenol
Concen: 90.133 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:330 Resp: 262083

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	41.3	31.0	46.6



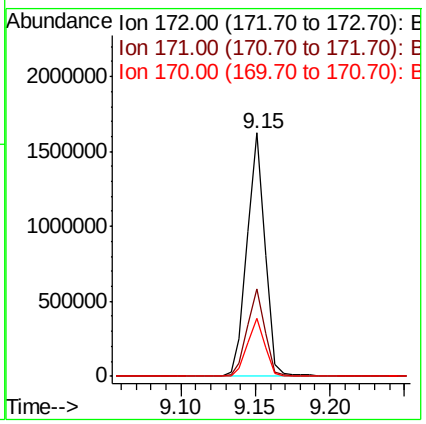


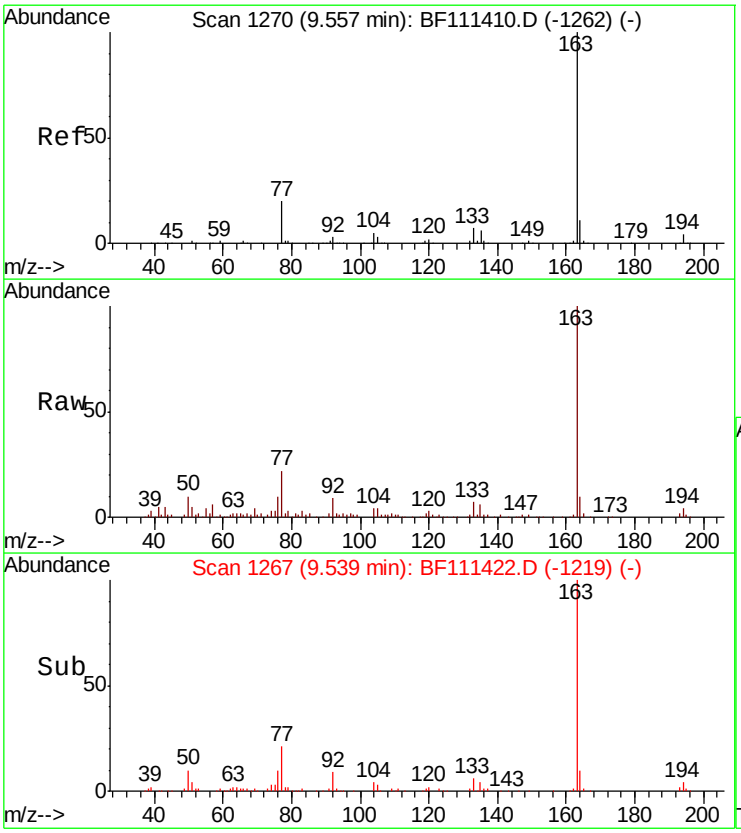
#45
2-Fluorobiphenyl
Concen: 64.231 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1349794

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	23.8	22.3	33.5

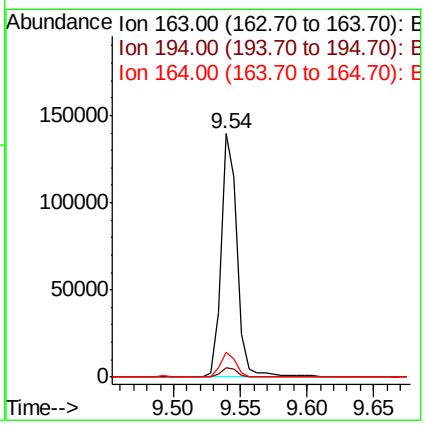


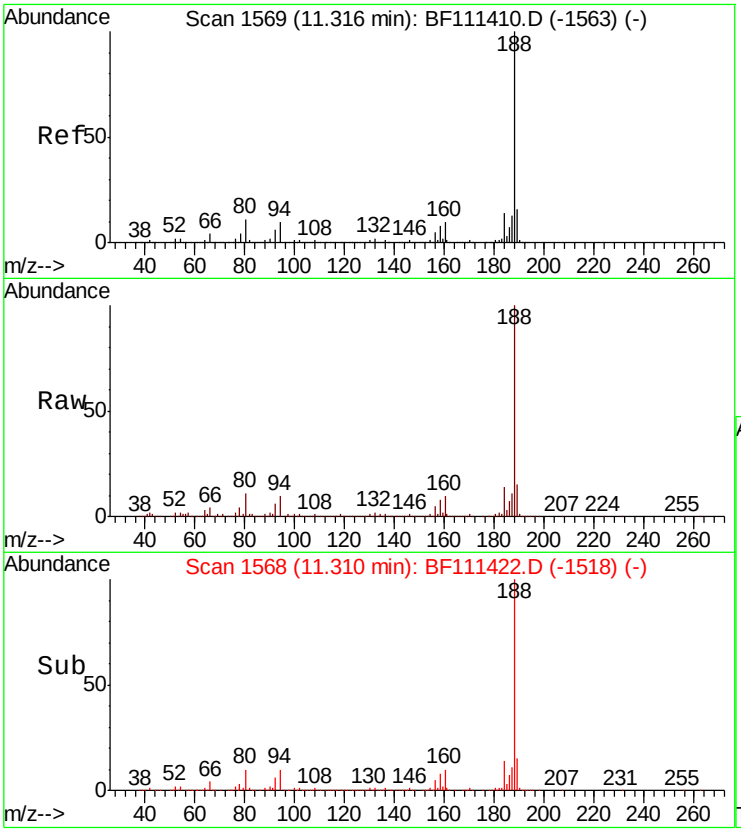


#50
Dimethylphthalate
Concen: 5.072 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:163 Resp: 118562

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.4	8.9	13.3



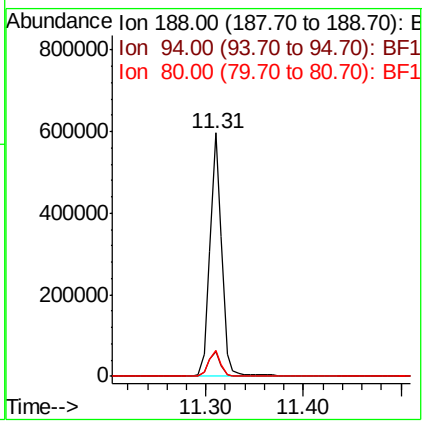


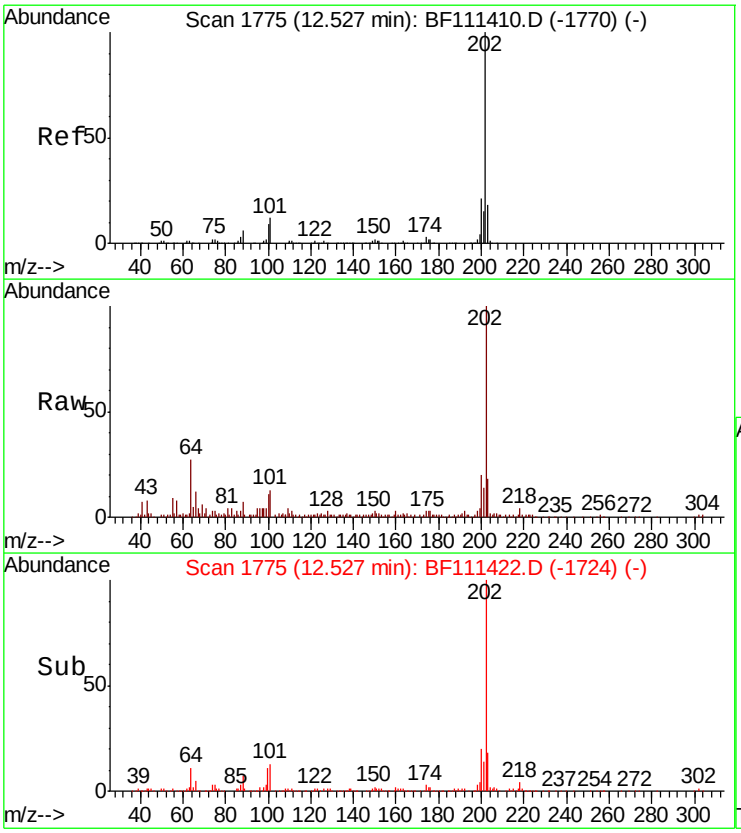
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 496602

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.6	14.4
80	10.7	9.8	14.6

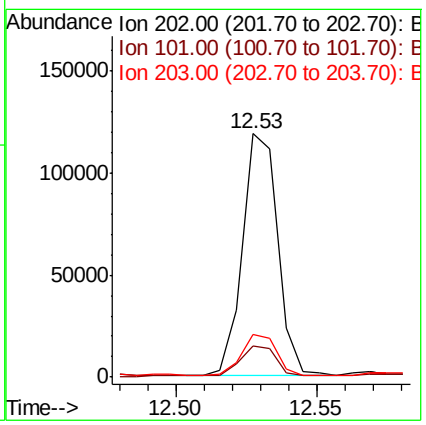


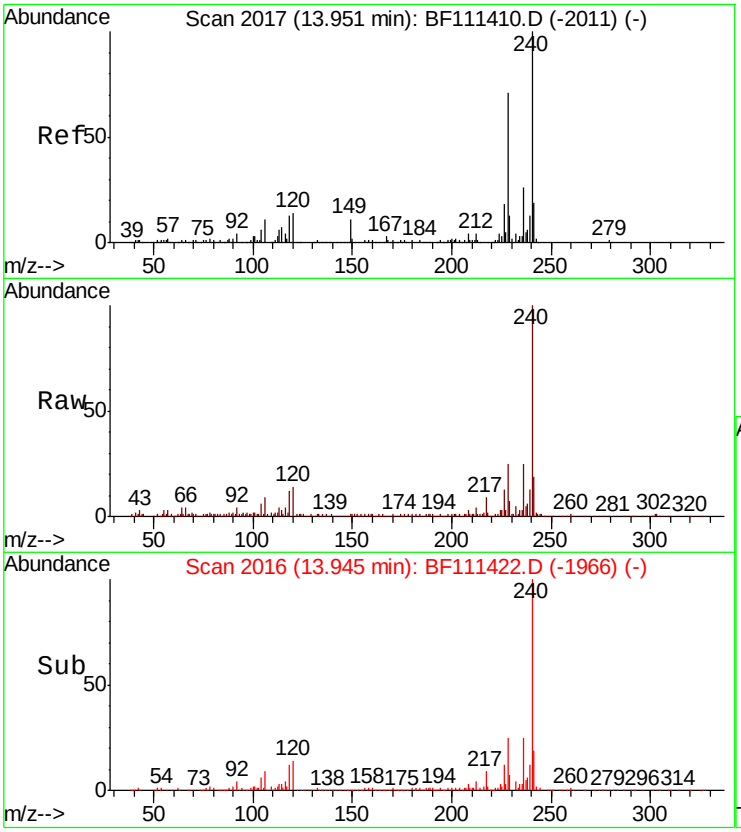


#75
Fluoranthene
Concen: 4.106 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:202 Resp: 102791

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.8
203	17.8	0.0	38.6



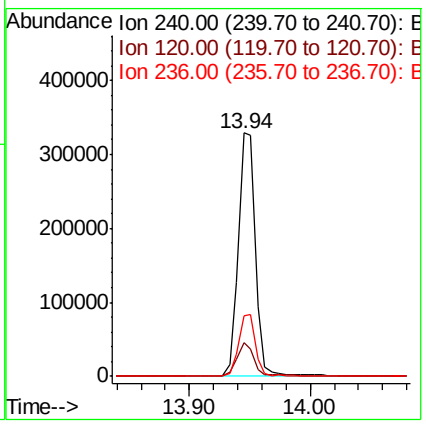


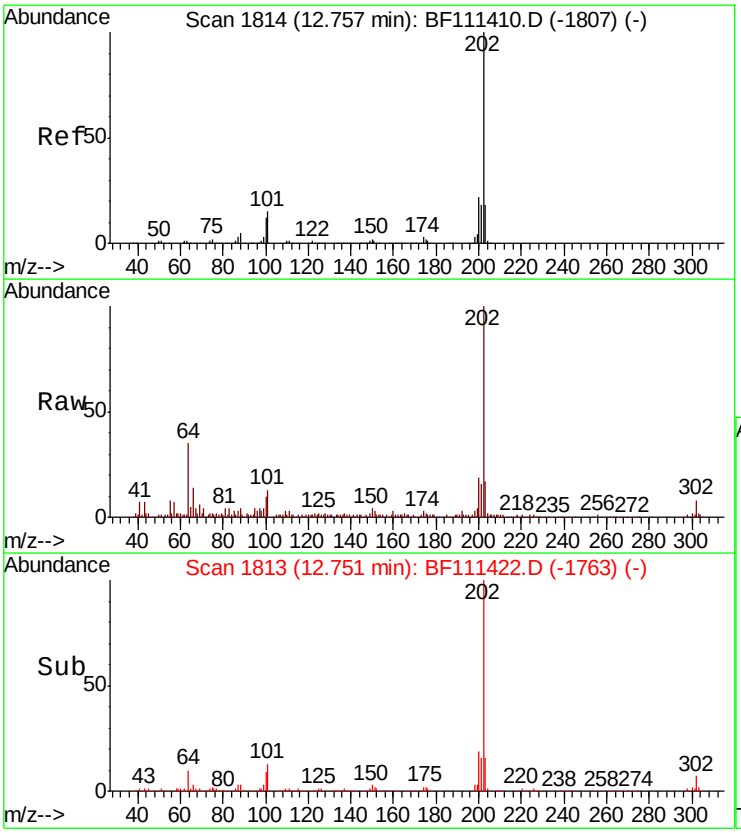
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 326203

Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.2	18.2
236	25.1	20.2	30.2

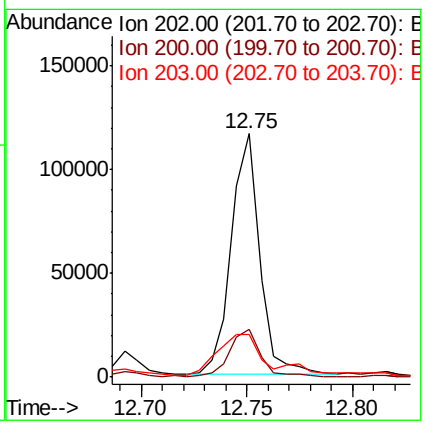


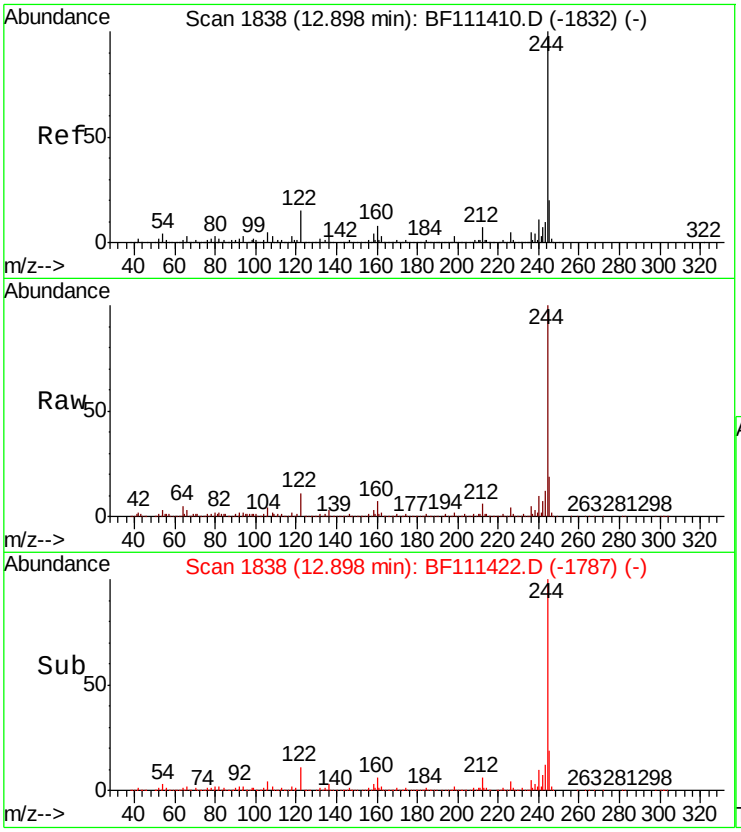


#78
Pyrene
Concen: 4.705 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:202 Resp: 108210

Ion	Ratio	Lower	Upper
202	100		
200	19.5	19.0	28.4
203	17.5	15.2	22.8



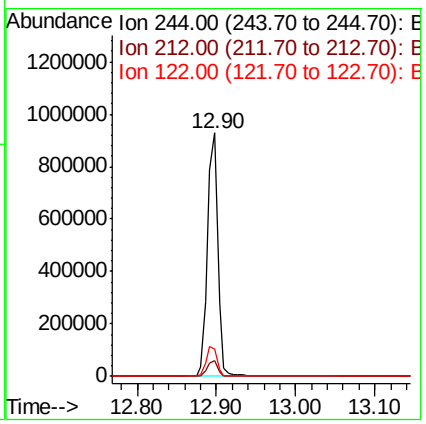


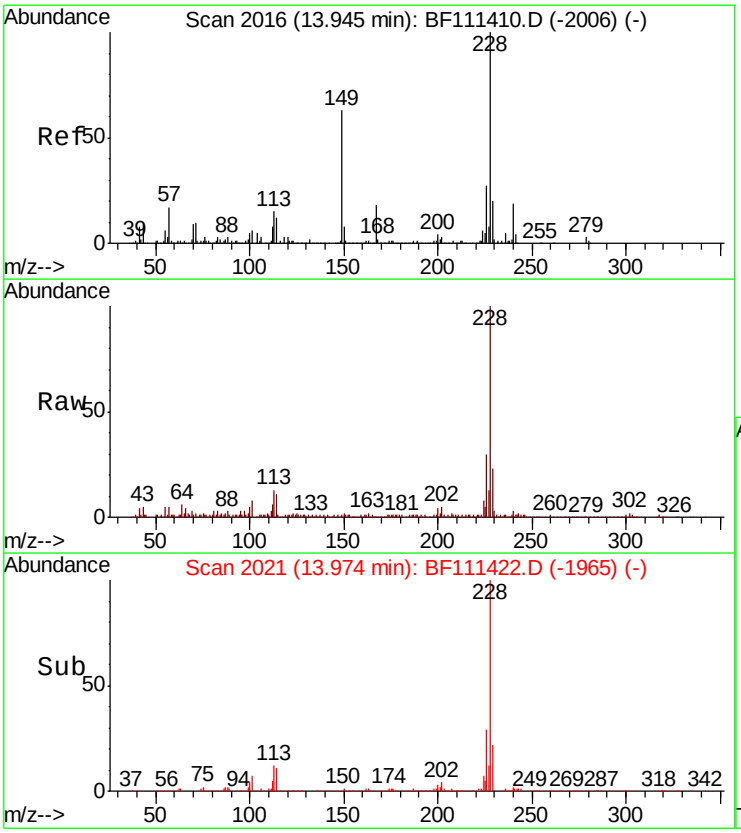
#79
Terphenyl-d14
Concen: 61.127 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 849135

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	11.2	13.1	19.7#

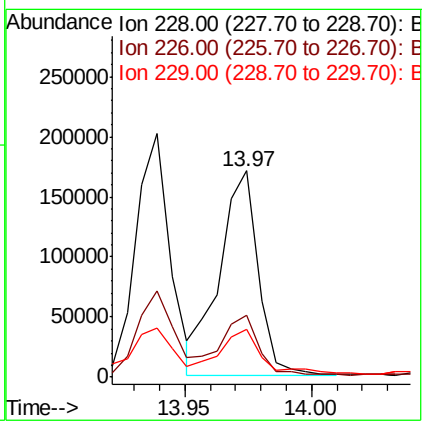


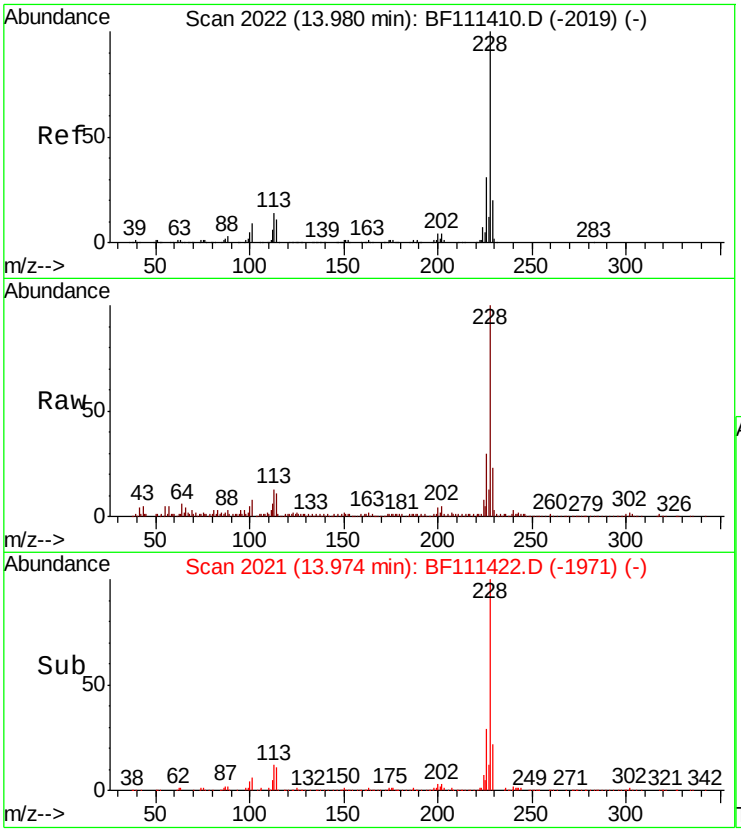


#81
Benzo(a)anthracene
Concen: 10.216 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:228 Resp: 181205

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	34.0
229	23.2	16.3	24.5



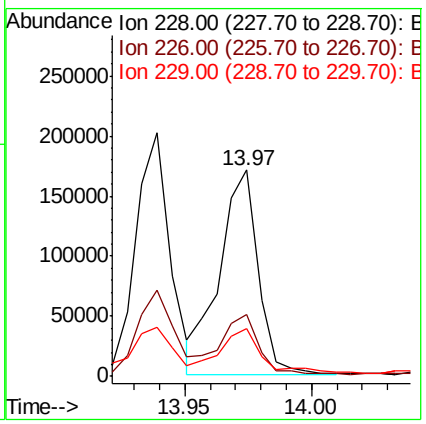


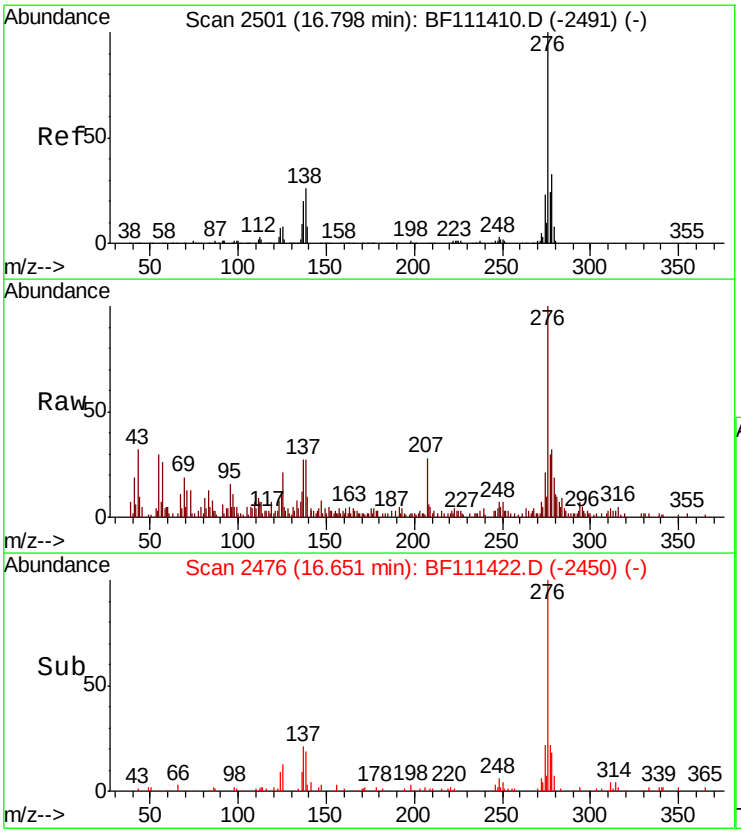
#83
Chrysene
Concen: 9.698 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 181205

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.3	37.9
229	23.2	17.2	25.8

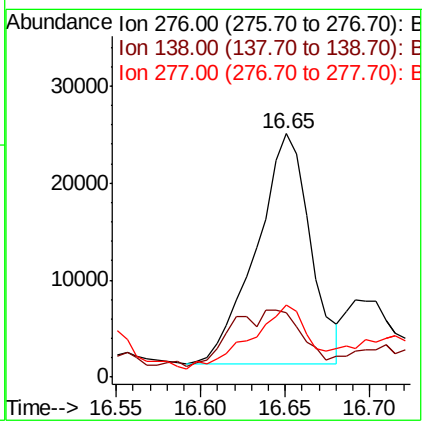


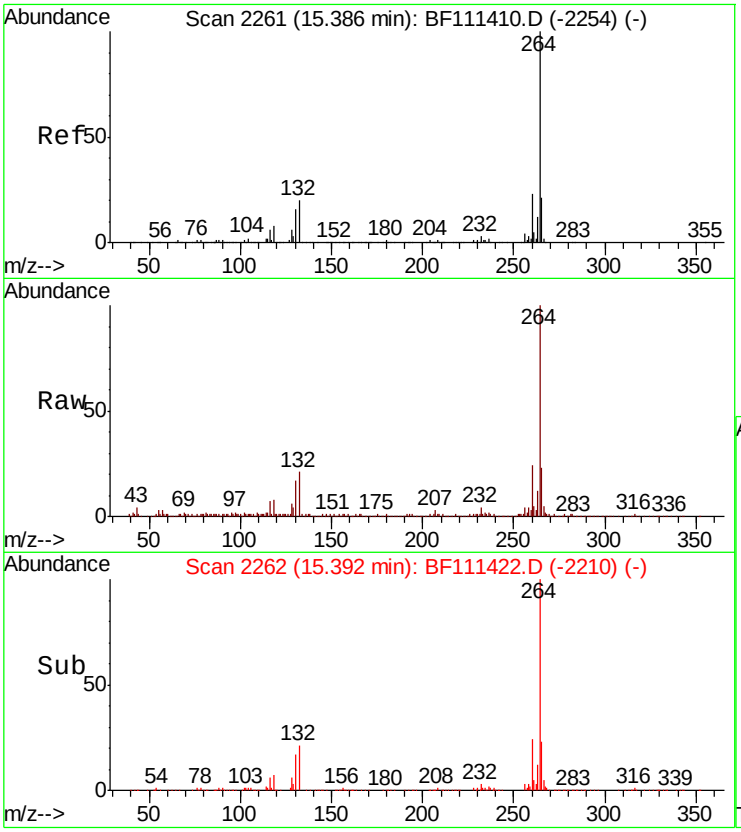


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.890 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.15 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:276 Resp: 52455

Ion	Ratio	Lower	Upper
276	100		
138	31.6	27.8	41.6
277	28.2	20.1	30.1



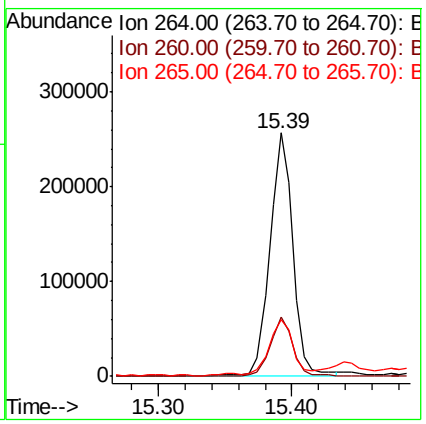


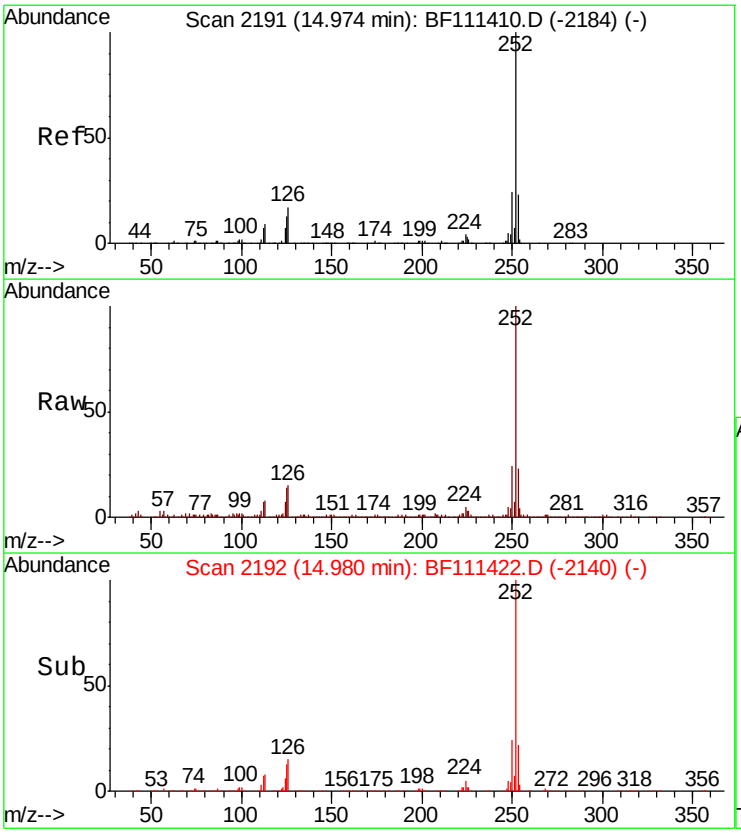
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 306955

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	23.4	17.7	26.5

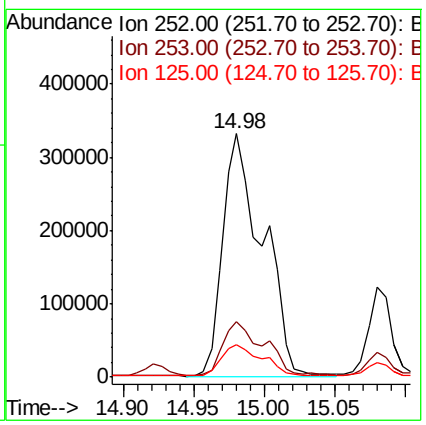


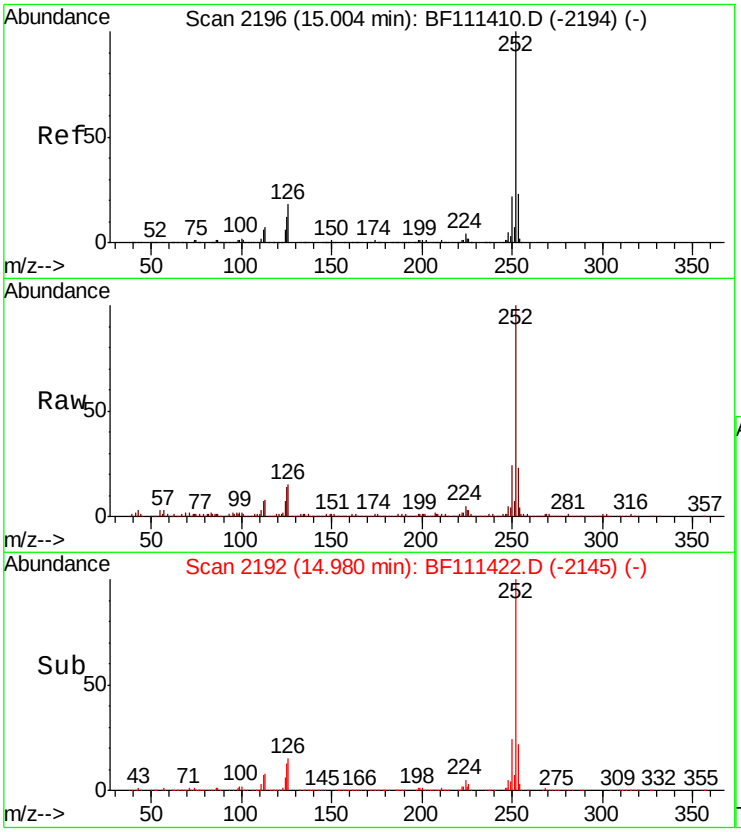


#88
Benzo(b)fluoranthene
Concen: 36.610 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:252 Resp: 655168

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.5	10.4	15.6



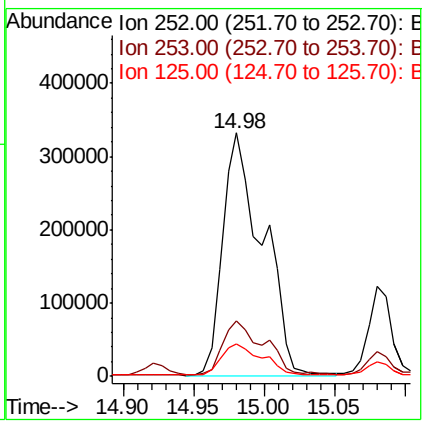


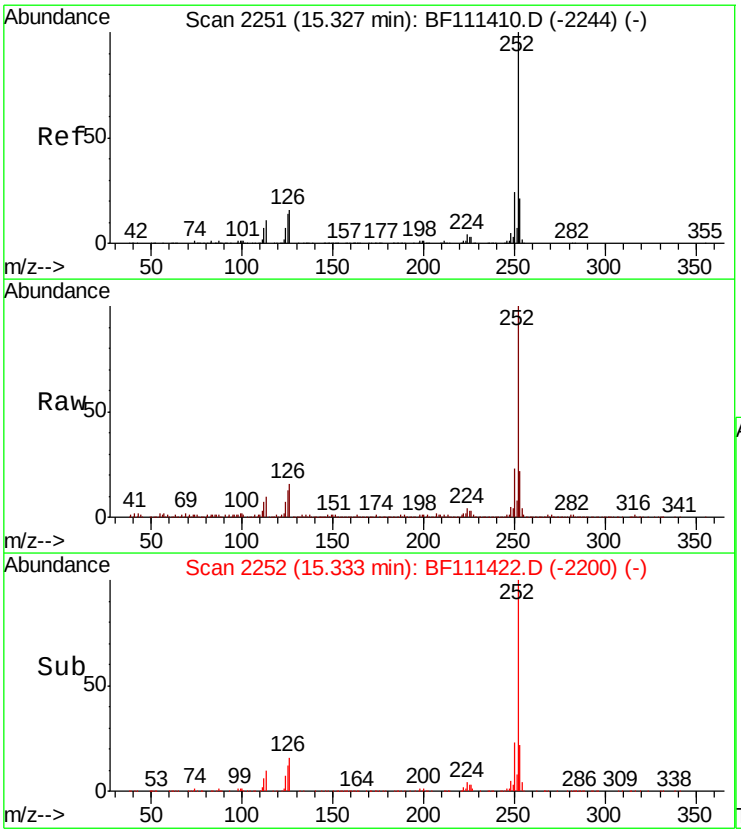
#89
Benzo(k)fluoranthene
Concen: 38.314 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 655168

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.5	9.8	14.8

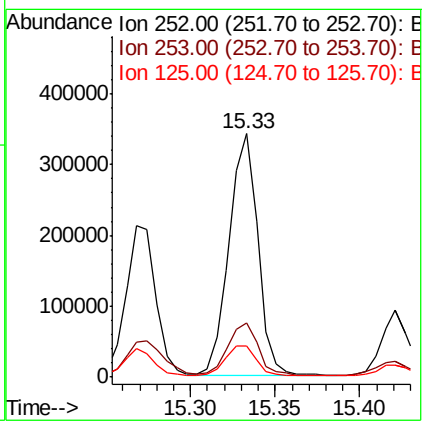


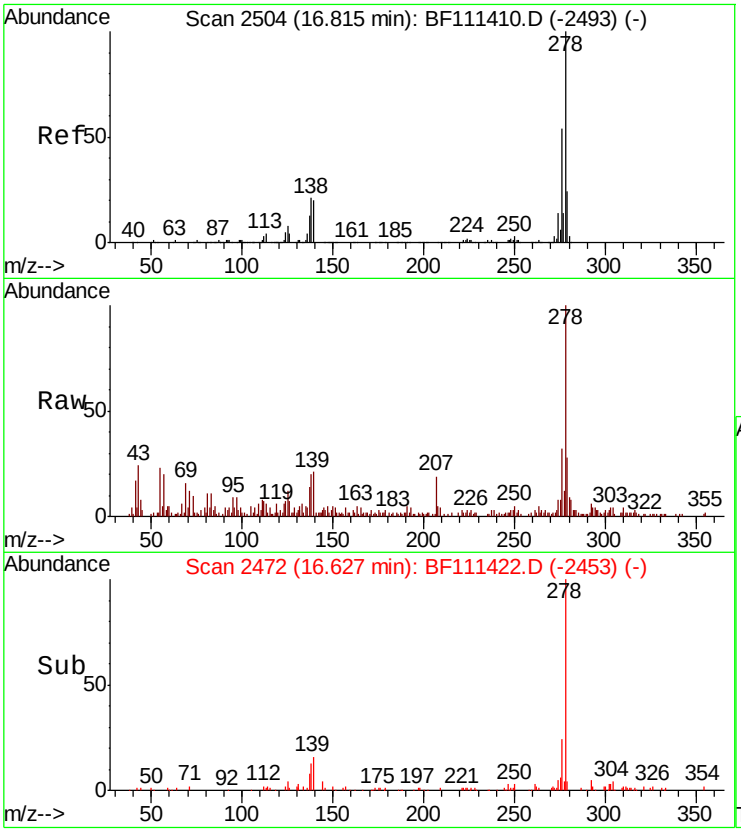


#90
Benzo(a)pyrene
Concen: 25.346 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:252 Resp: 409030

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	12.7	12.3	18.5



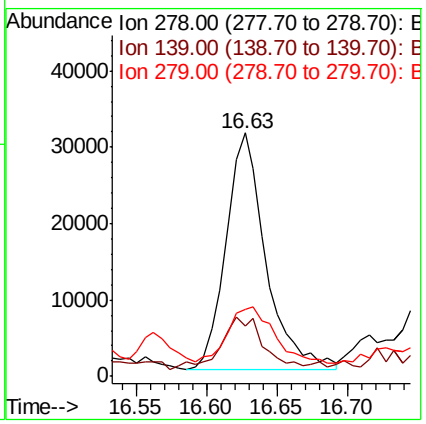


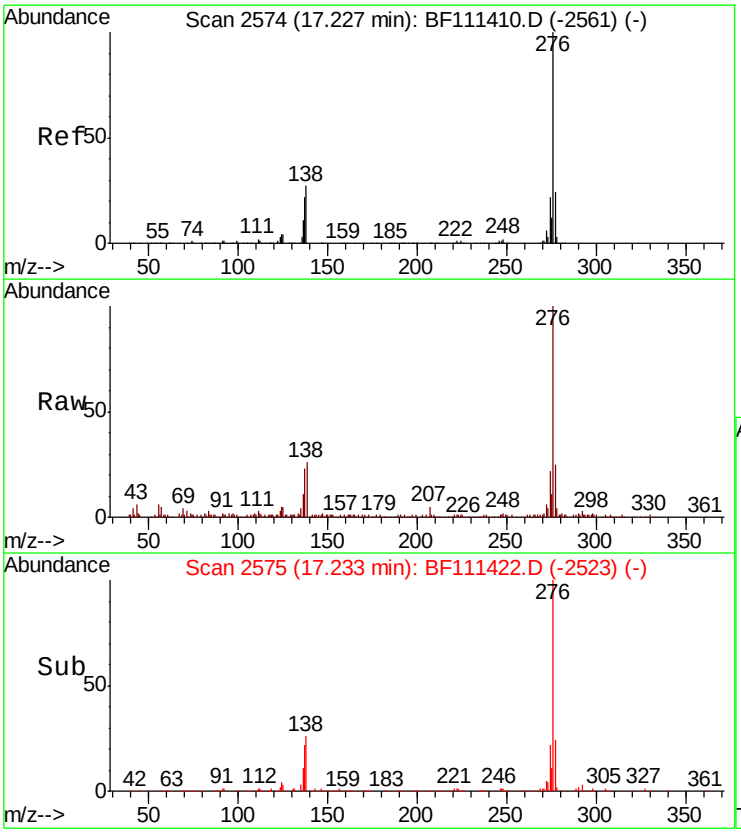
#91
Dibenzo(a,h)anthracene
Concen: 4.783 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.19 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 60887

Ion	Ratio	Lower	Upper
278	100		
139	20.6	18.2	27.4
279	27.6	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 20.569 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111422.D
Acq: 14 Dec 2018 16:49

Tgt Ion:276 Resp: 257026

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	26.4	24.9	37.3