Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

Quantitation Report (Not Reviewed)

Data File : BF114761.D
Acq On : 1 Jun 2019 17:05
Operator : HP/JU
Sample : K3108-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-010-ABCD

Quant Time: Jun 03 01:41:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	386490	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1340057	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	599758	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1063355	20.00	ng		0.00
76) Chrysene-d12	13.82	240	898940	20.00	ng		0.00
87) Perylene-d12	15.20	264	867595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2624942	119.24	ng		0.02
7) Phenol-d6	6.34	99	3127016	117.88	ng		0.01
23) Nitrobenzene-d5	7.26	82	1924776	89.61	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	736606	128.90	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	3066037	98.59	ng		0.00
79) Terphenyl-d14	12.78	244	2997906	62.70	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	5539	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.26	70	263219	14.376	ng	#	75
25) Isophorone	7.26	82	1887358	43.784	ng	#	63
50) Dimethylphthalate	9.44	163	603324	14.436	ng		99
57) 2,4-Dinitrotoluene	9.72	165	78104	6.267	ng	#	23
58) Fluorene	10.26	166	7422	Below Cal		#	88
61) 4-Chlorophenyl-phenylether	10.07	204	221	Below Cal		#	27
67) 4-Bromophenyl-phenylether	10.50	248	46212	4.053	ng	#	1
71) Phenanthrene	11.22	178	134405	2.478	ng		95
74) Di-n-butylphthalate	11.77	149	11432	Below Cal		#	76
75) Fluoranthene	12.40	202	285164	5.077	ng		95
78) Pyrene	12.62	202	259582	3.414	ng		96
81) Benzo(a)anthracene	13.80	228	140897	2.040	ng		97
88) Benzo(b)fluoranthene	14.82	252	195590	3.579	ng	#	96
89) Benzo(k)fluoranthene	14.82	252	195590	4.118	ng	#	96

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

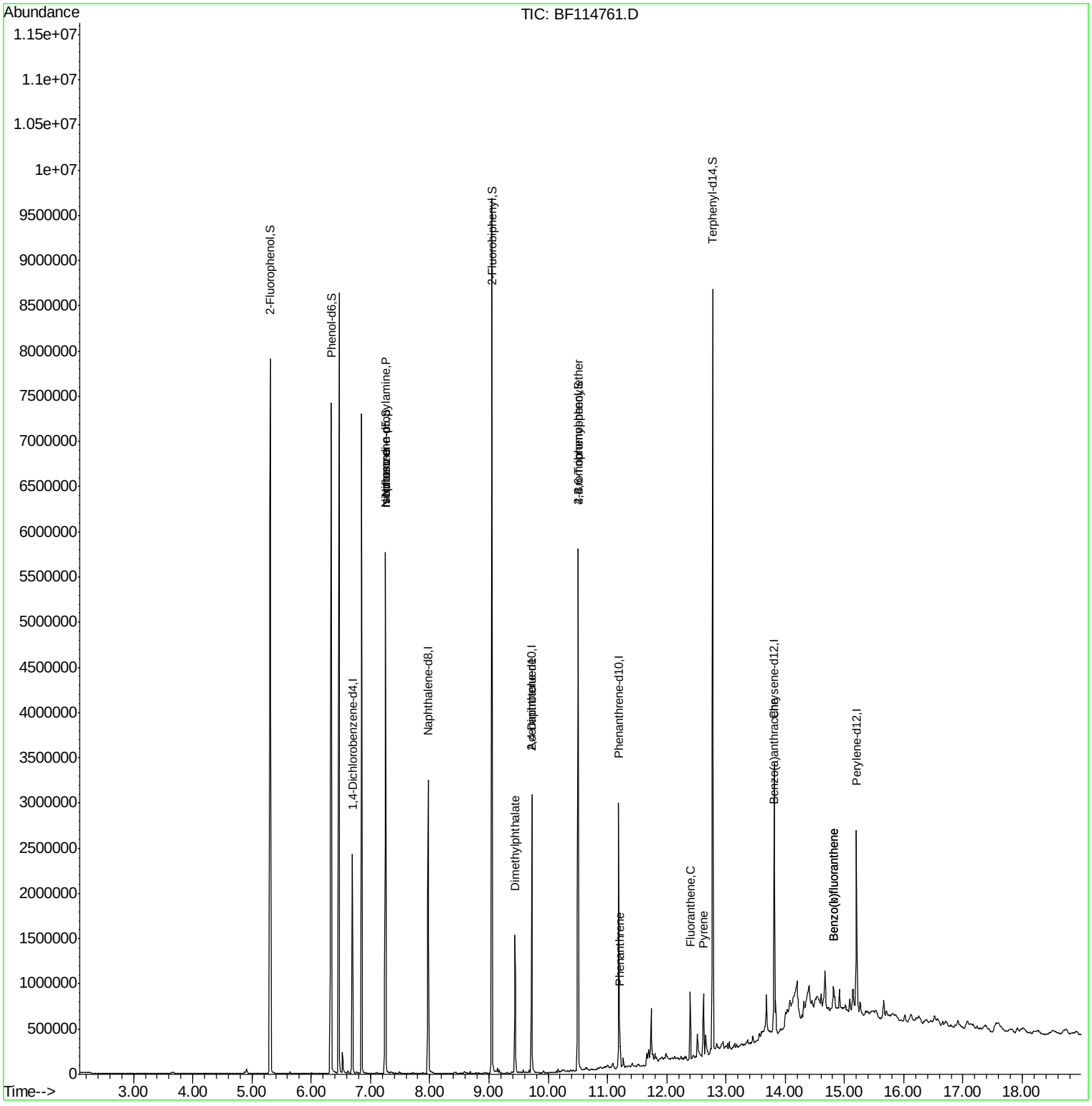
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

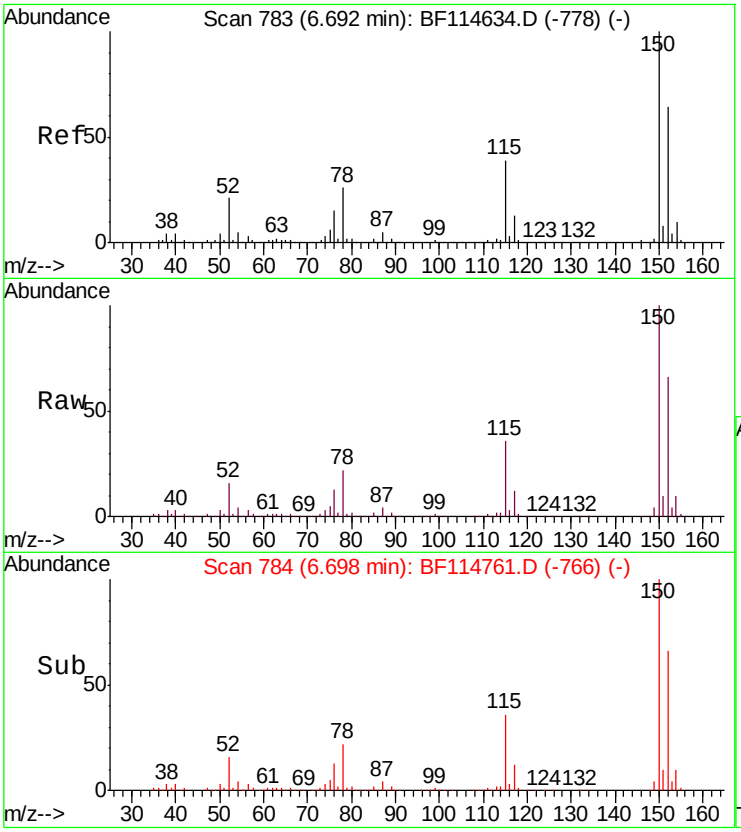
Quantitation Report (Not Reviewed)

Data File : BF114761.D
Acq On : 1 Jun 2019 17:05
Operator : HP/JU
Sample : K3108-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Quant Time: Jun 03 01:41:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



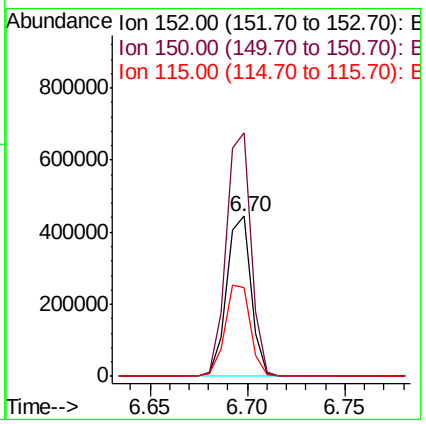


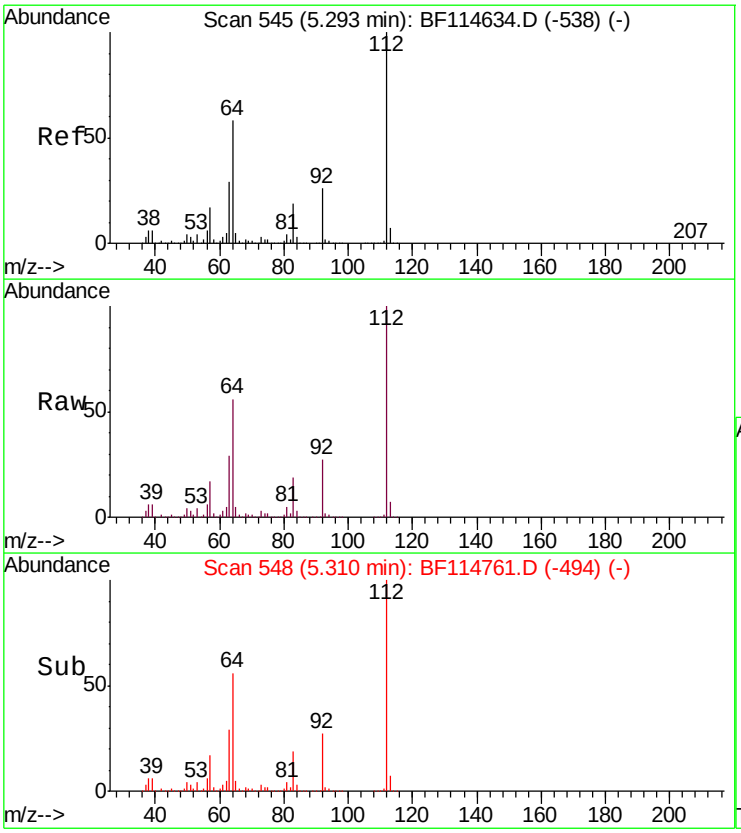
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:152 Resp: 386490

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.4	186.6
115	55.4	48.7	73.1

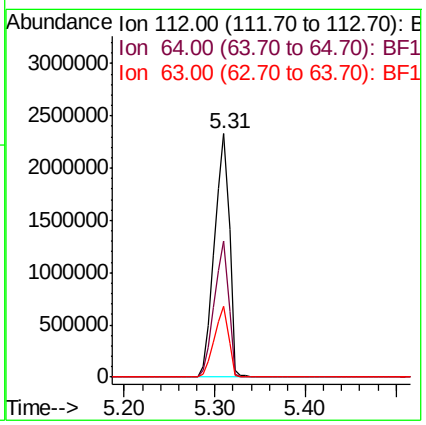


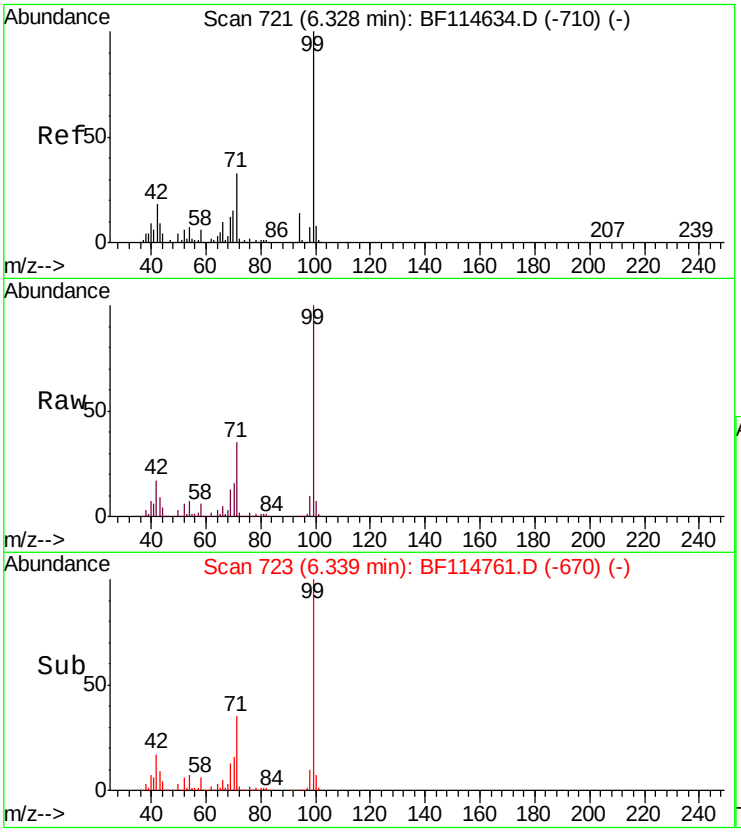


#5
2-Fluorophenol
Concen: 119.243 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:112 Resp: 2624942

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.1	69.1
63	29.1	23.4	35.2



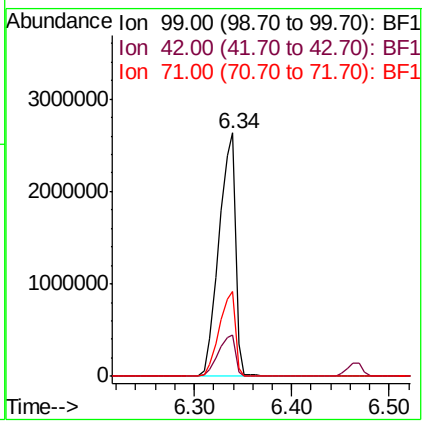


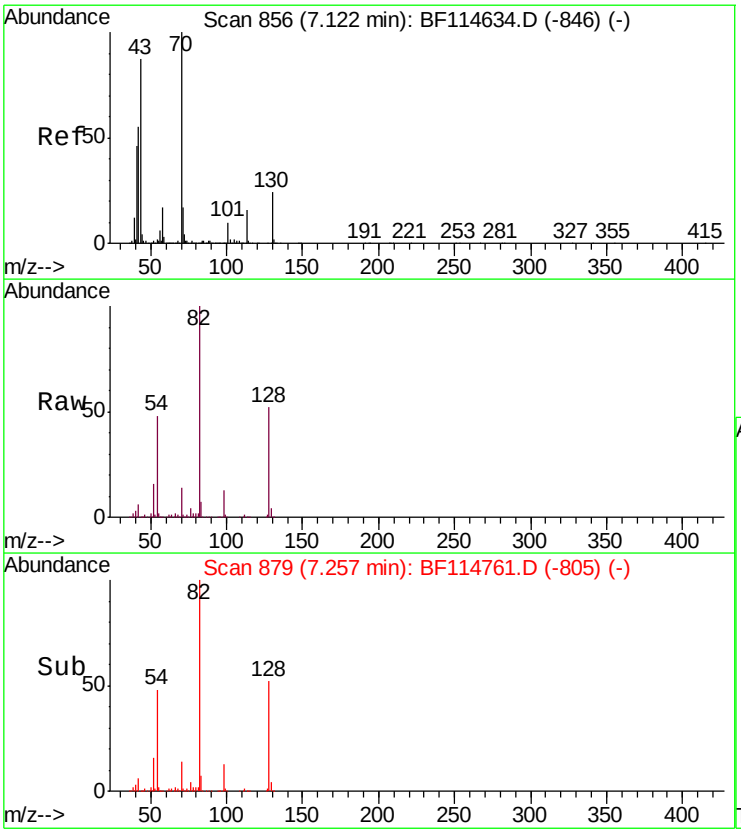
#7
Phenol-d6
Concen: 117.881 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion: 99 Resp: 3127016

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.7	22.1
71	35.1	26.6	40.0

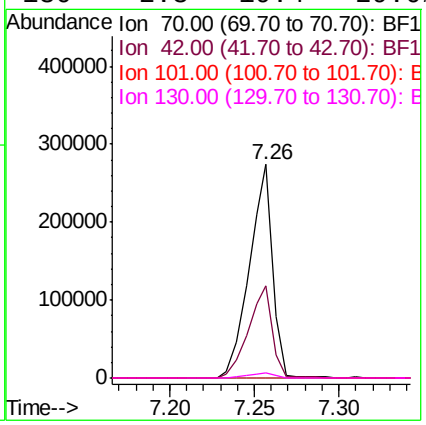


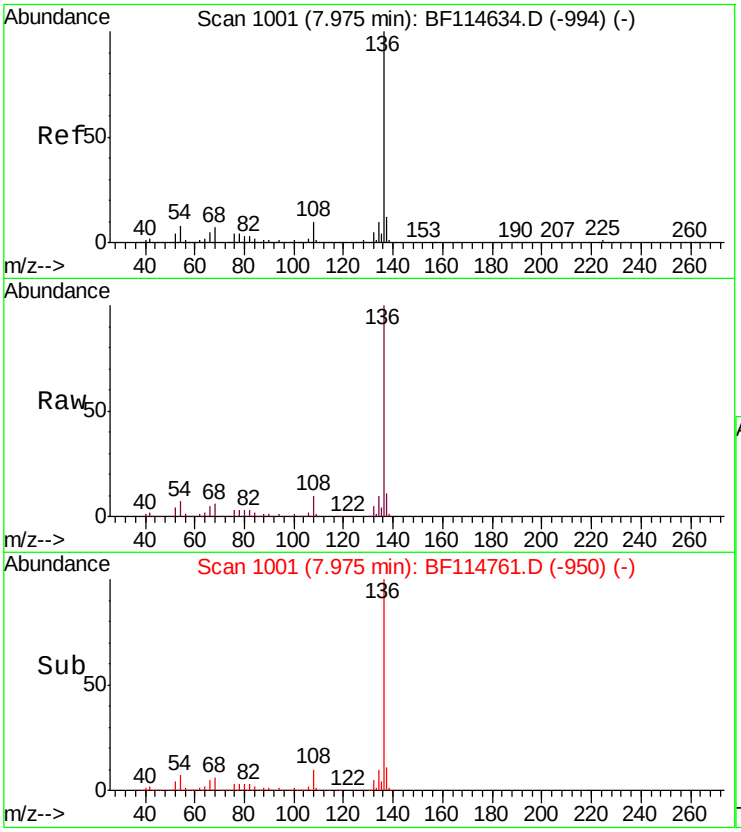


#19
n-Nitroso-di-n-propylamine
Concen: 14.376 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion: 70 Resp: 263219

Ion	Ratio	Lower	Upper
70	100		
42	43.3	44.4	66.6#
101	0.0	8.2	12.4#
130	2.3	19.4	29.0#



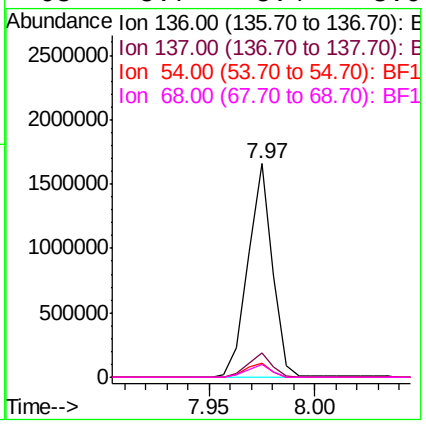


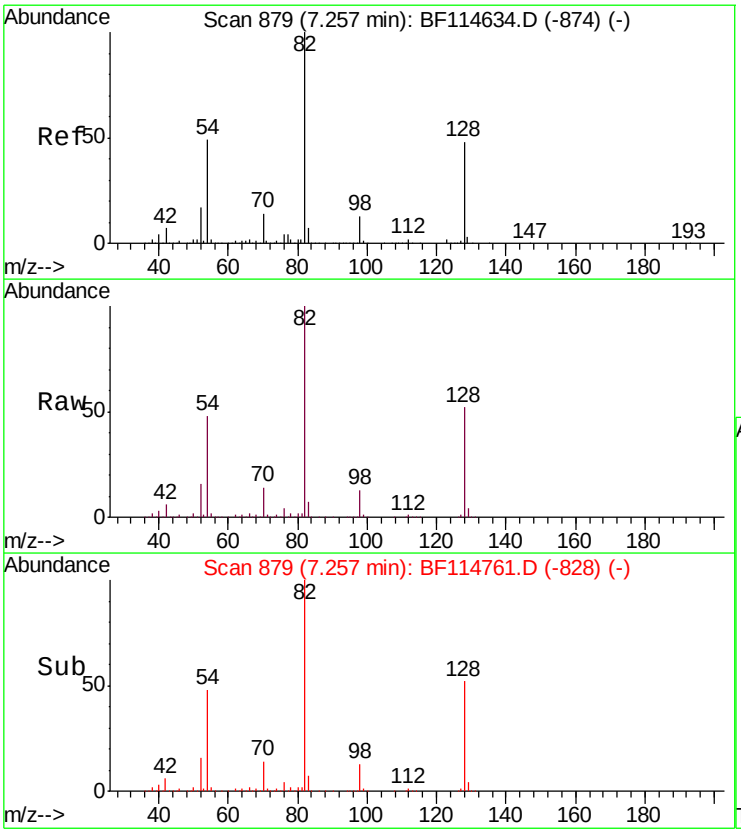
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:136 Resp: 1340057

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.8	6.3	9.5
68	5.7	5.4	8.0

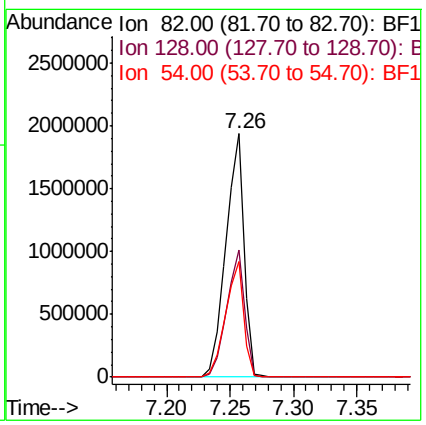


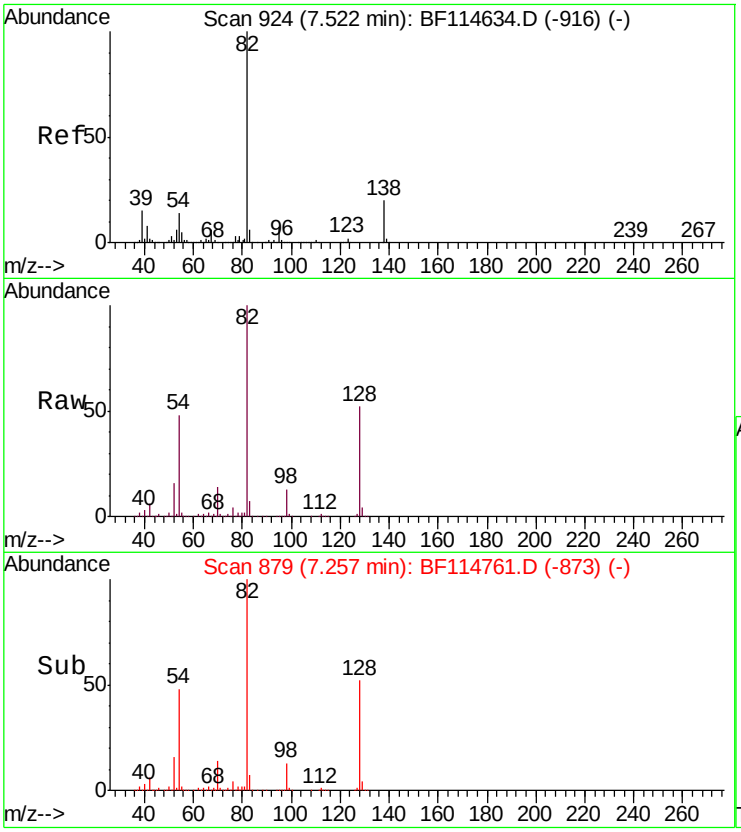


#23
Nitrobenzene-d5
Concen: 89.612 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion: 82 Resp: 1924776

Ion	Ratio	Lower	Upper
82	100		
128	52.0	38.5	57.7
54	47.5	39.1	58.7



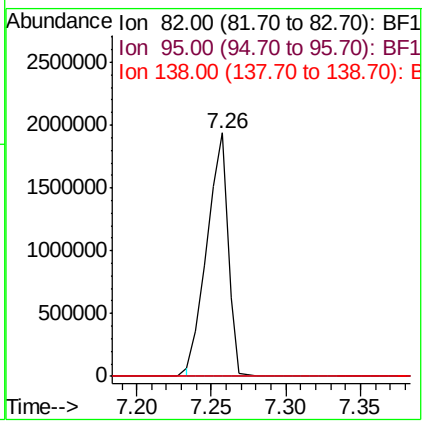


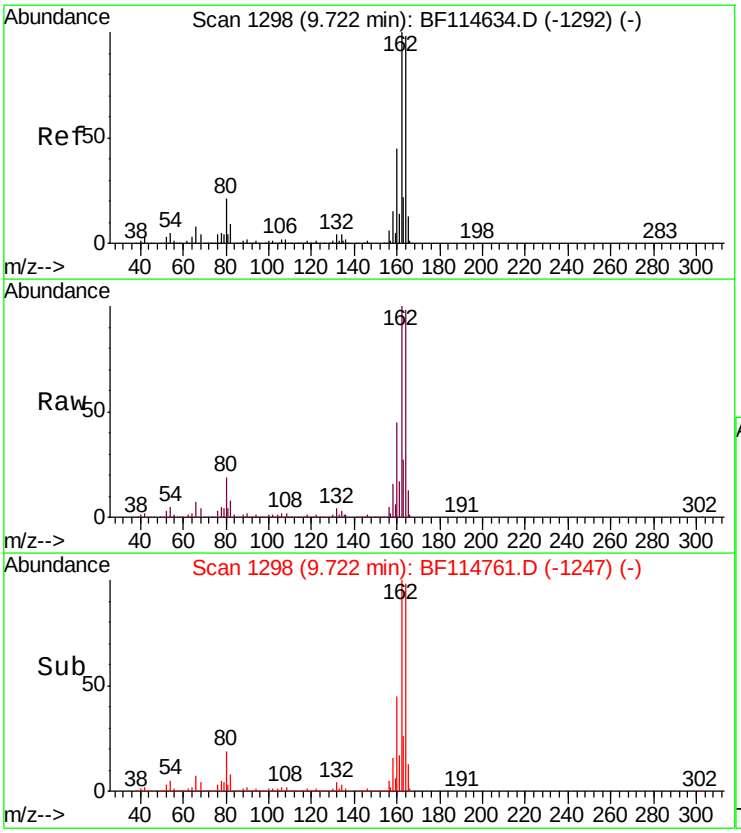
#25
Isophorone
Concen: 43.784 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion: 82 Resp: 1887358

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.9	23.9#

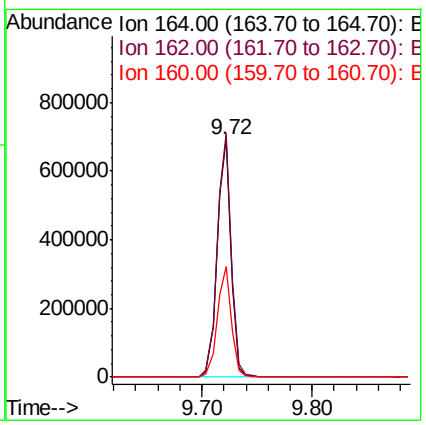


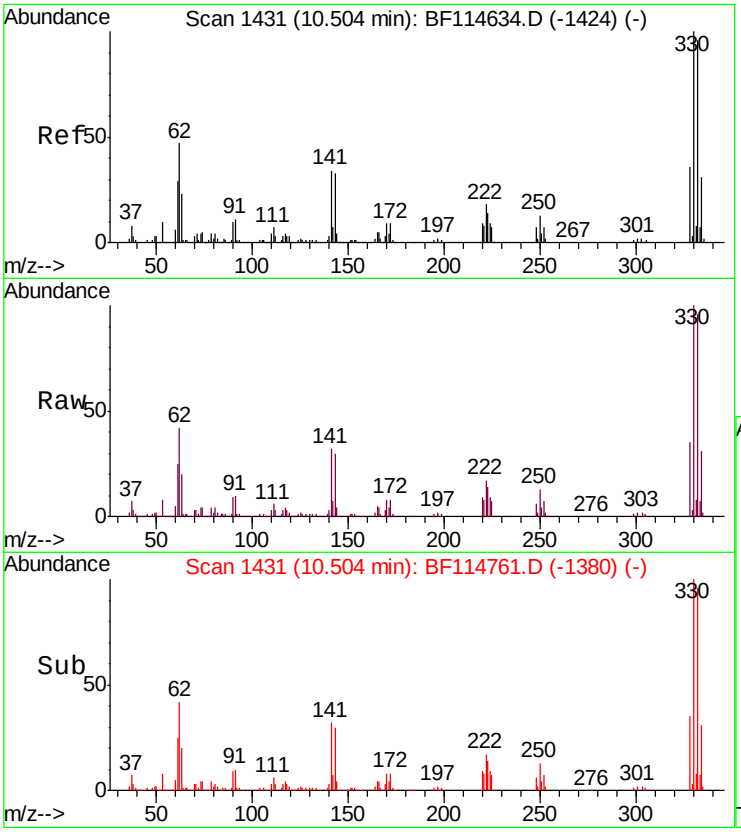


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:164 Resp: 599758

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.2
160	46.5	36.6	54.8



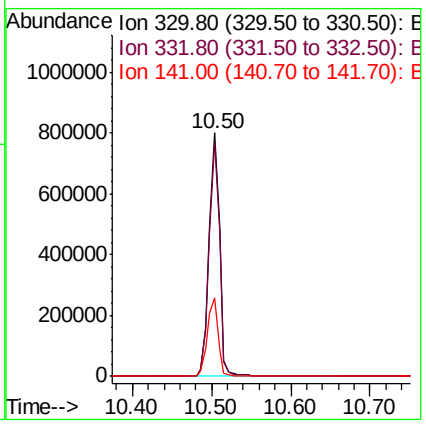


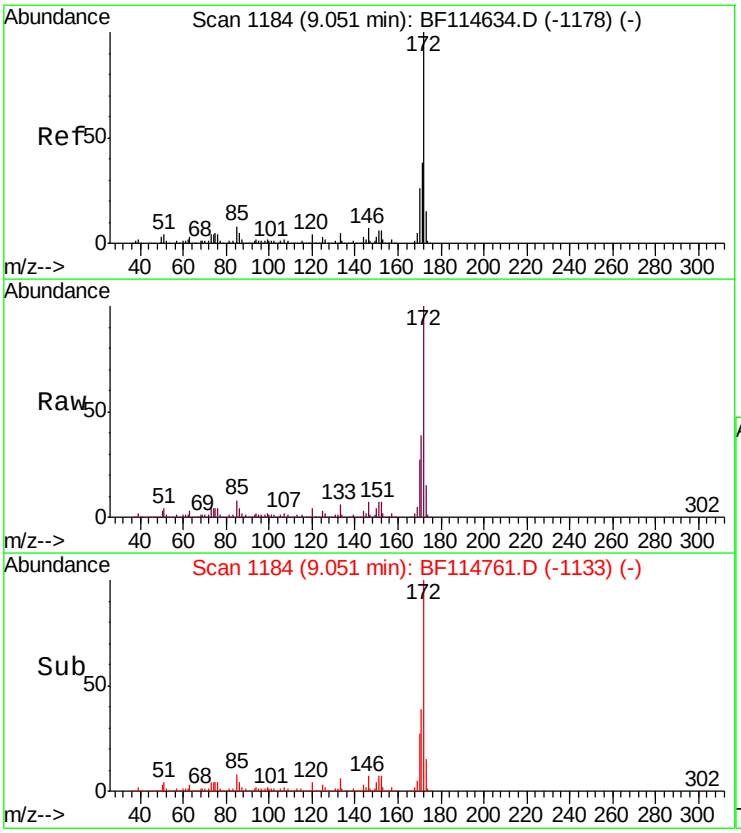
#42
2,4,6-Tribromophenol
Concen: 128.896 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:330 Resp: 736606

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.8	113.8
141	32.9	27.8	41.8

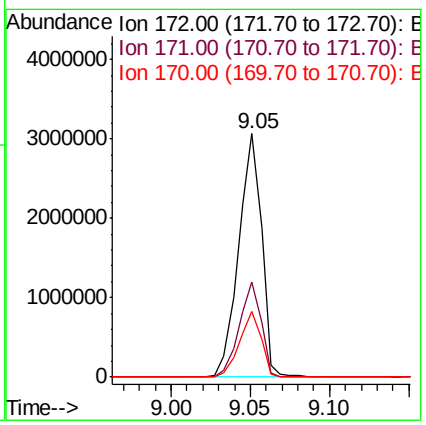


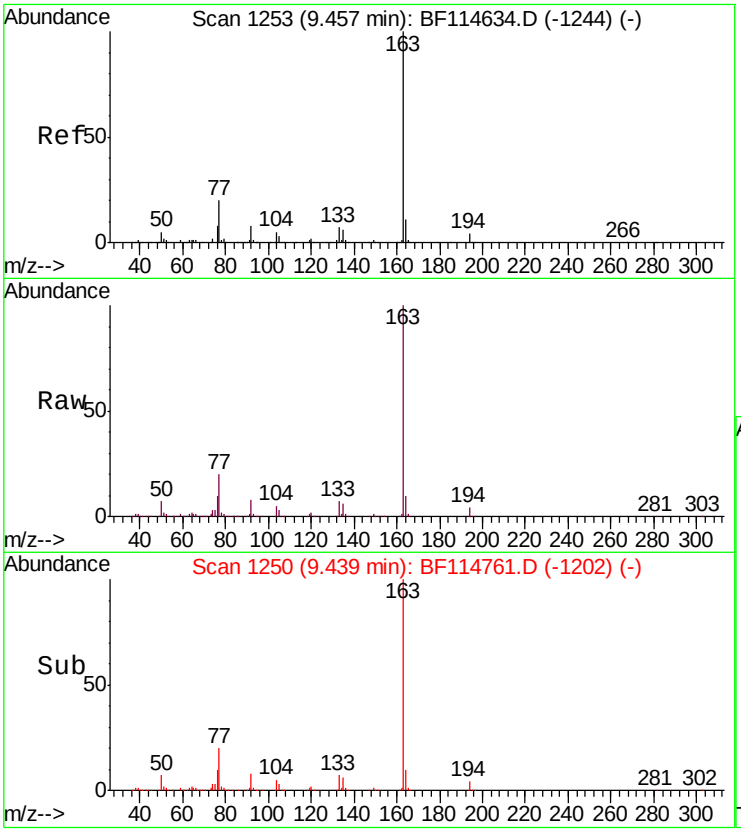


#45
2-Fluorobiphenyl
Concen: 98.589 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:172 Resp: 3066037

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.6	45.8
170	26.9	20.7	31.1



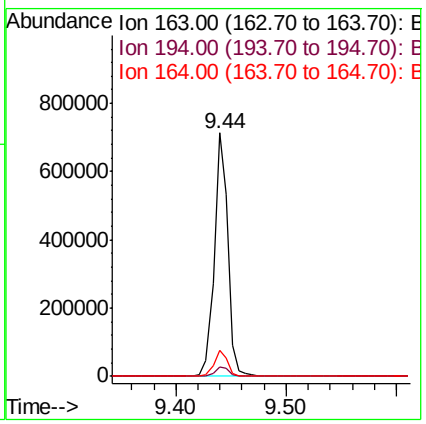


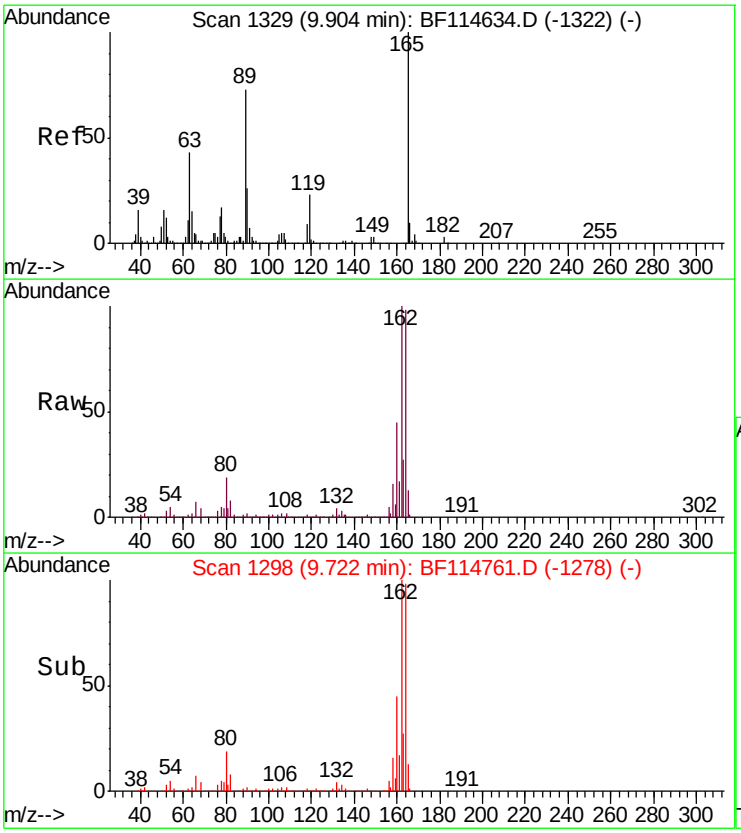
#50
Dimethylphthalate
Concen: 14.436 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:163 Resp: 603324

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.5	8.6	13.0

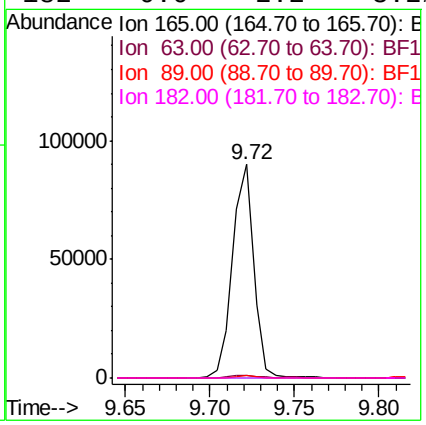


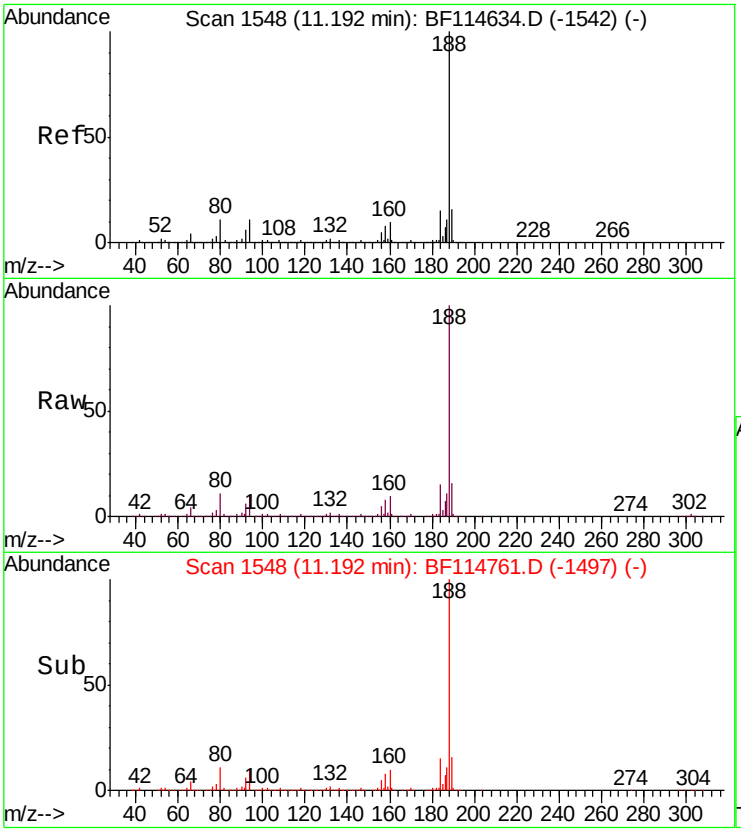


#57
2,4-Dinitrotoluene
Concen: 6.267 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:165 Resp: 78104

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#



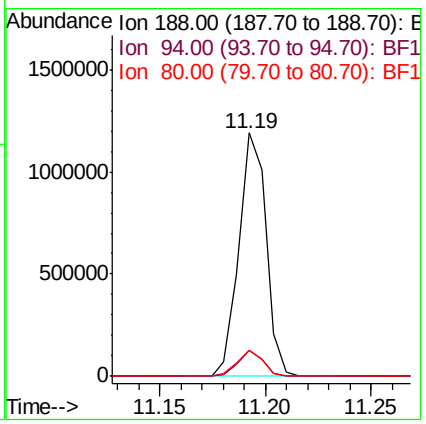


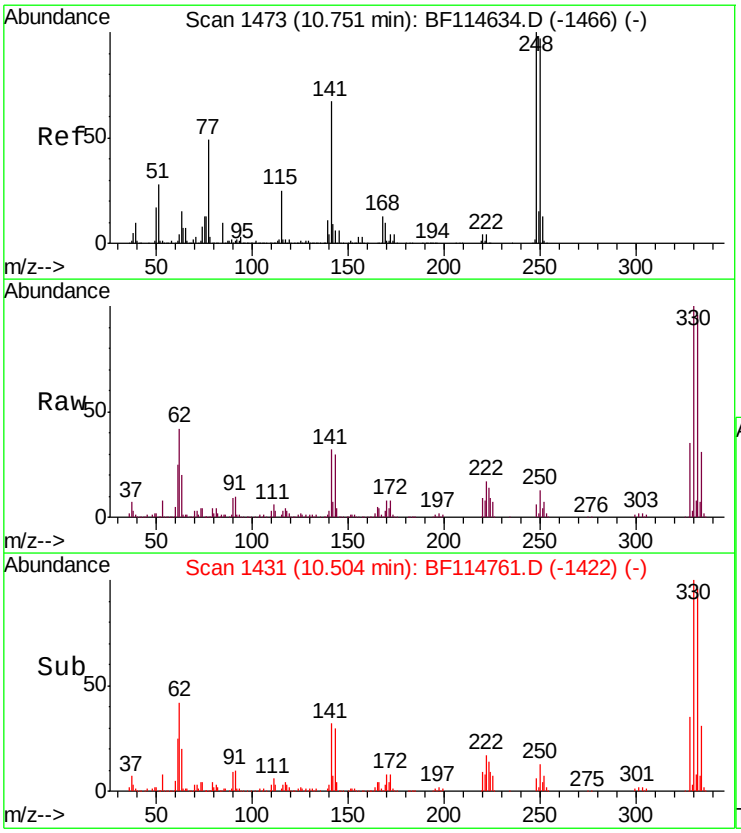
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:188 Resp: 1063355

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	10.6	9.0	13.6

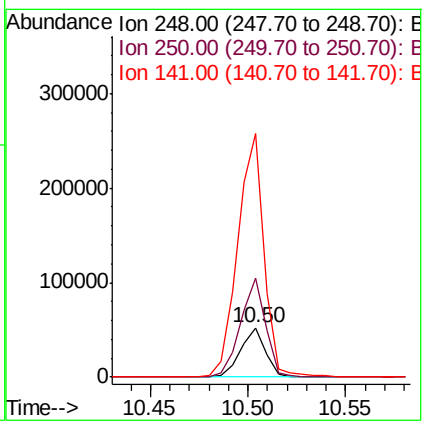


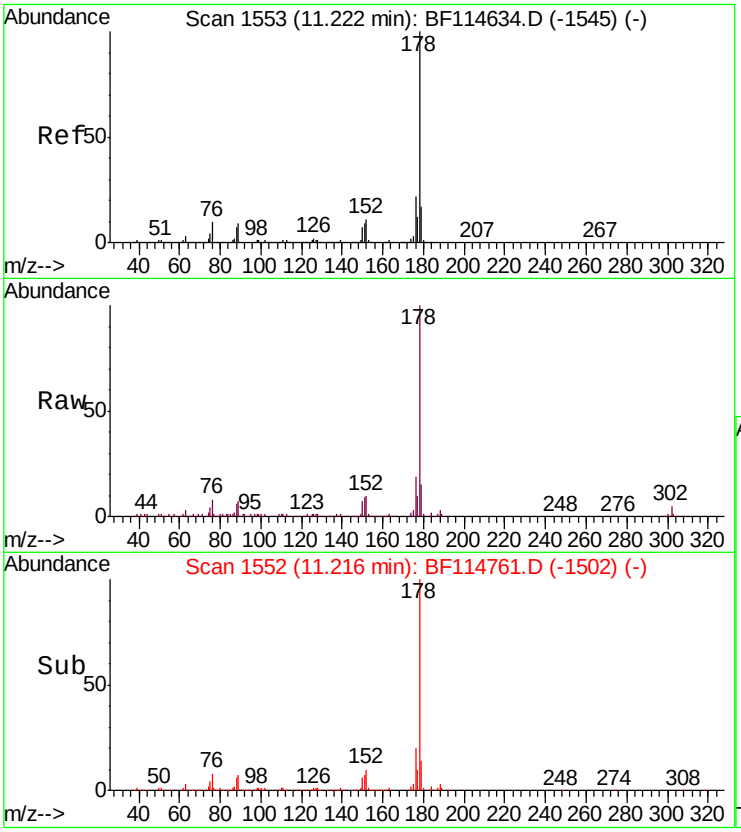


#67
4-Bromophenyl-phenylether
Concen: 4.053 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:248 Resp: 46212

Ion	Ratio	Lower	Upper
248	100		
250	201.4	78.0	117.0#
141	496.0	53.8	80.8#



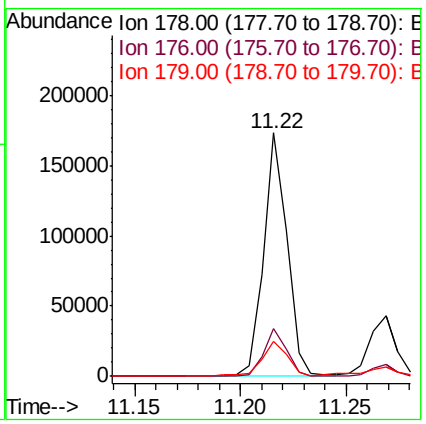


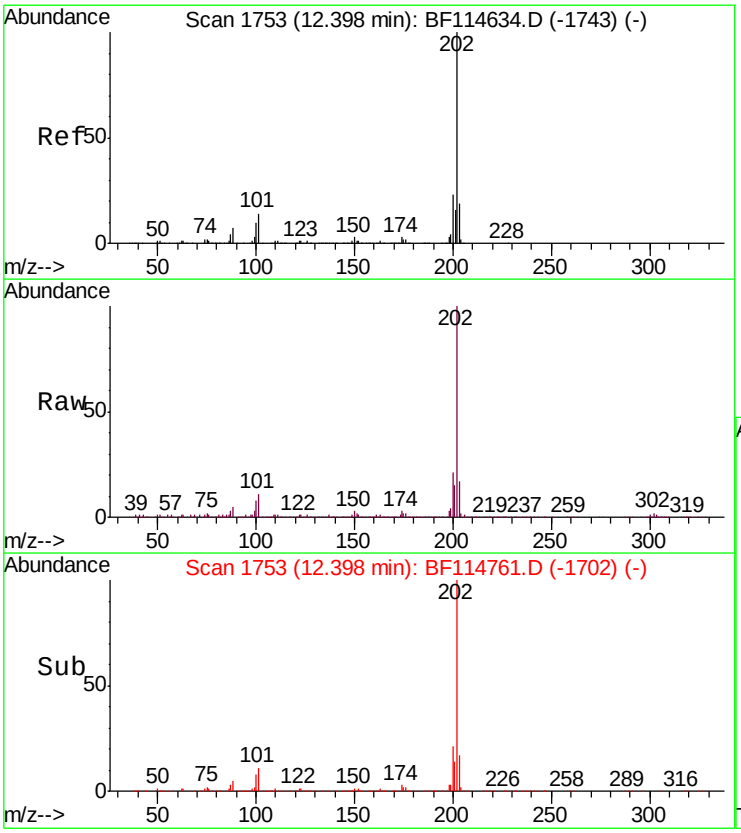
#71
Phenanthrene
Concen: 2.478 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:178 Resp: 134405

Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	14.6	13.9	20.9

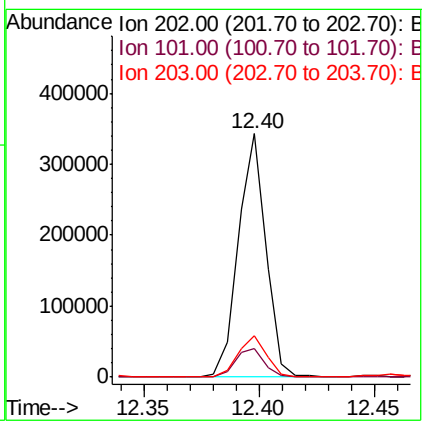


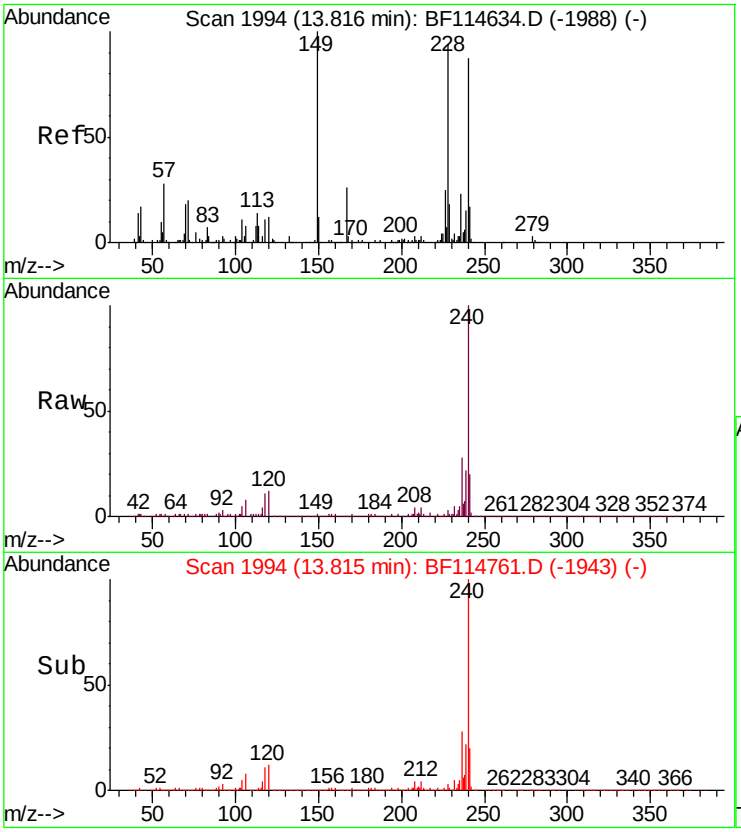


#75
Fluoranthene
Concen: 5.077 ng
RT: 12.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:202 Resp: 285164

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.9
203	17.0	0.0	39.1



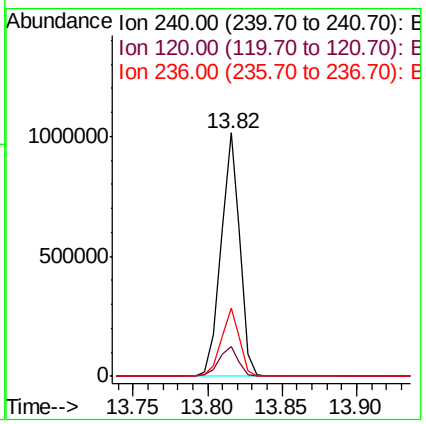


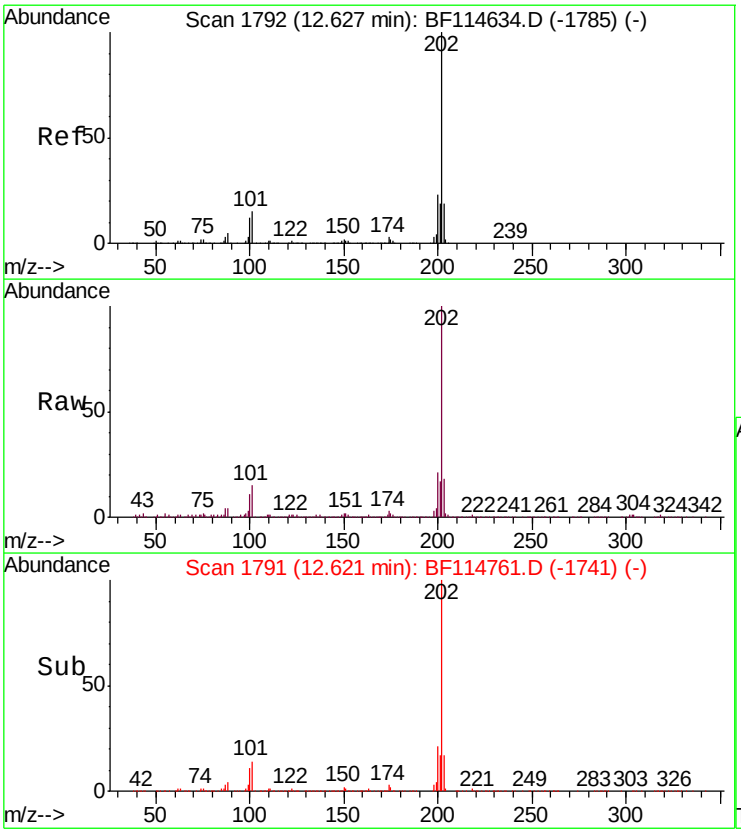
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:240 Resp: 898940

Ion	Ratio	Lower	Upper
240	100		
120	12.0	11.2	16.8
236	27.9	21.2	31.8

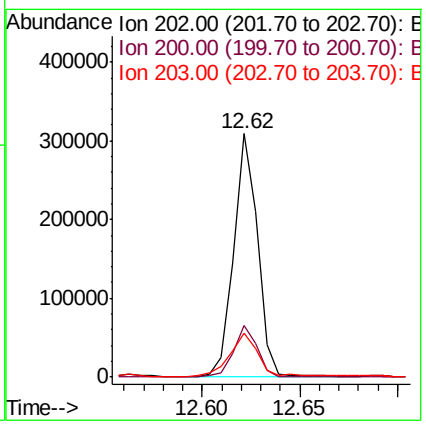


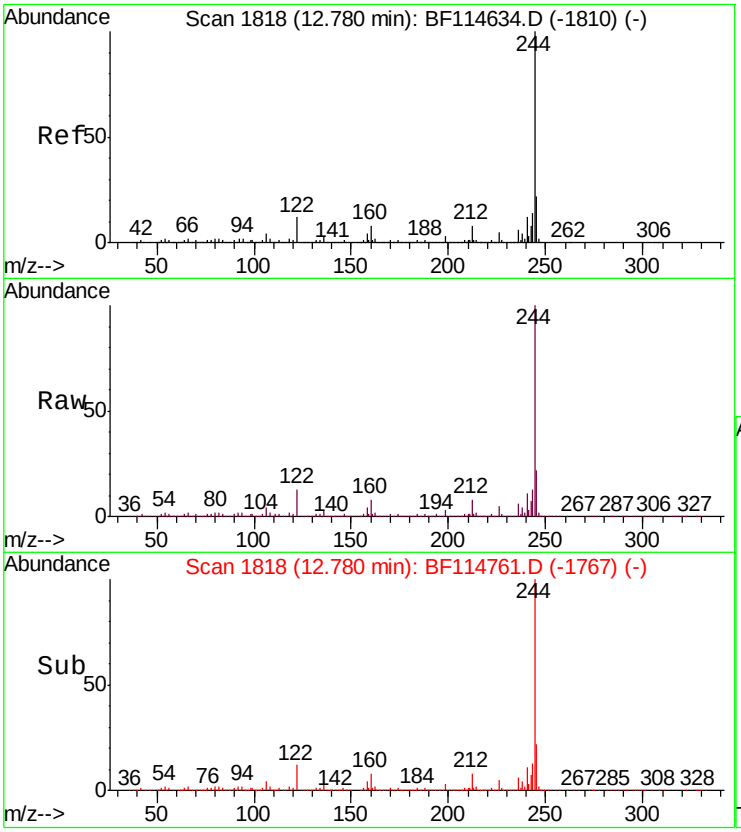


#78
Pyrene
Concen: 3.414 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:202 Resp: 259582

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.6	28.0
203	17.9	15.4	23.2



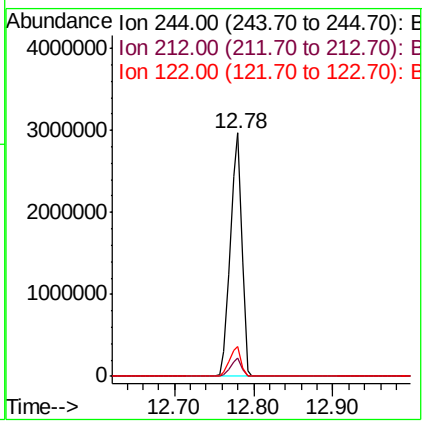


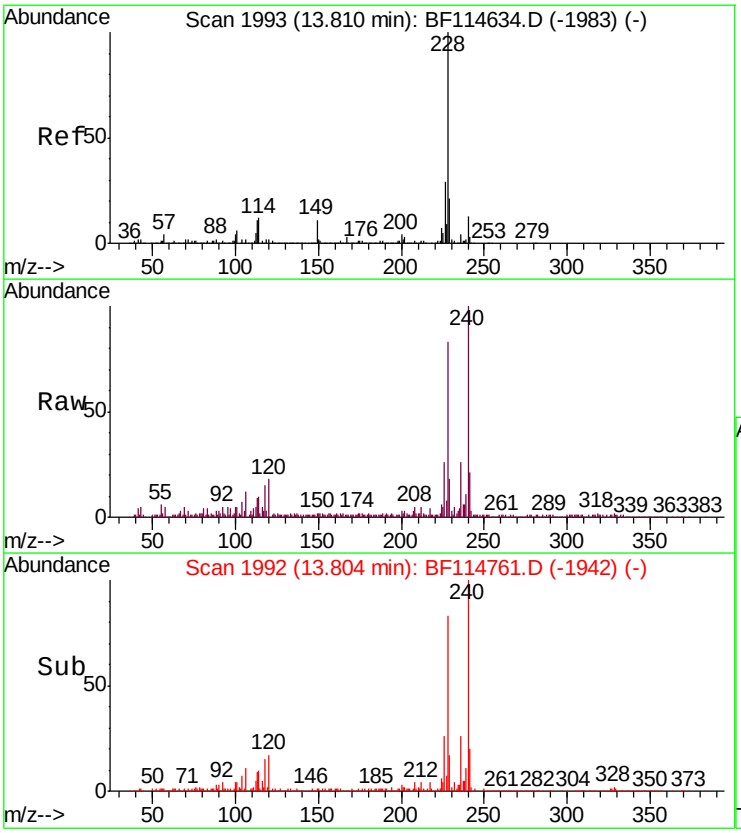
#79
Terphenyl-d14
Concen: 62.702 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:244 Resp: 2997906

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.5	9.8	14.8

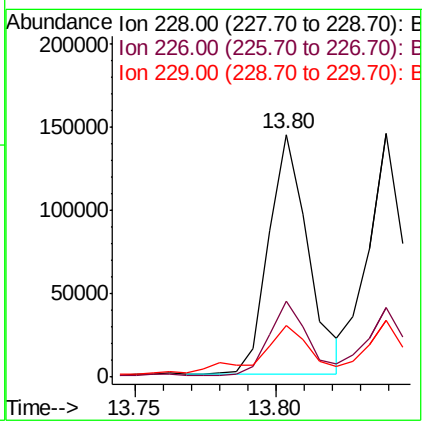


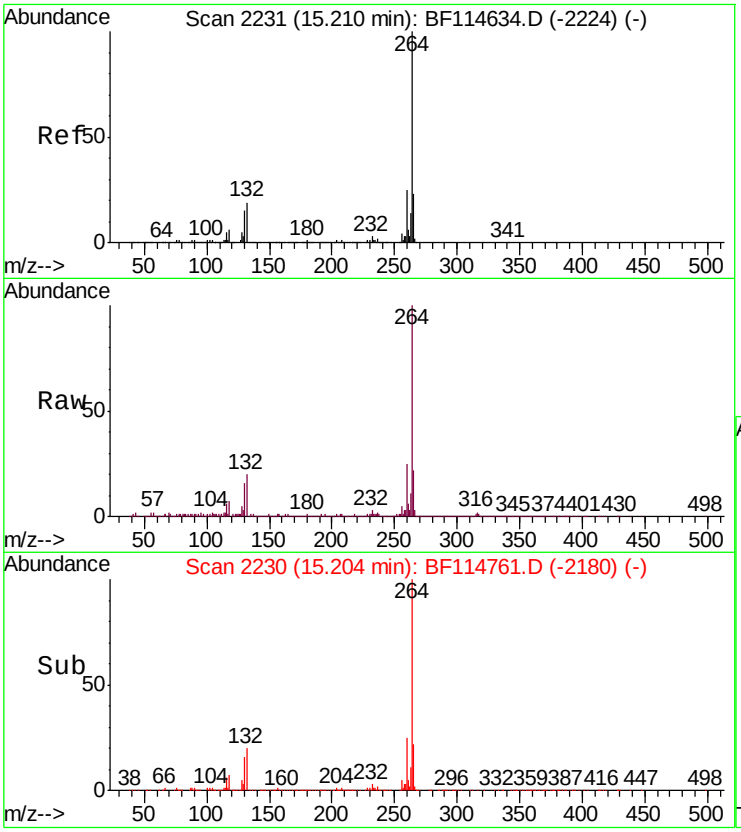


#81
Benzo(a)anthracene
Concen: 2.040 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:228 Resp: 140897

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.0	34.6
229	21.2	17.0	25.4



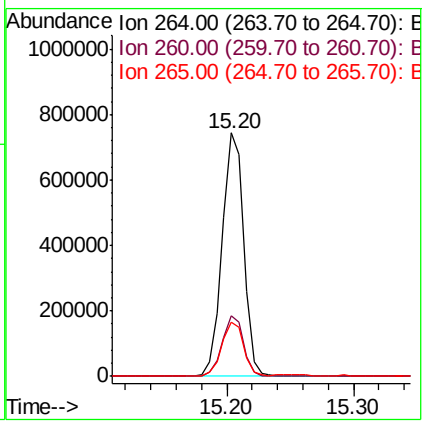


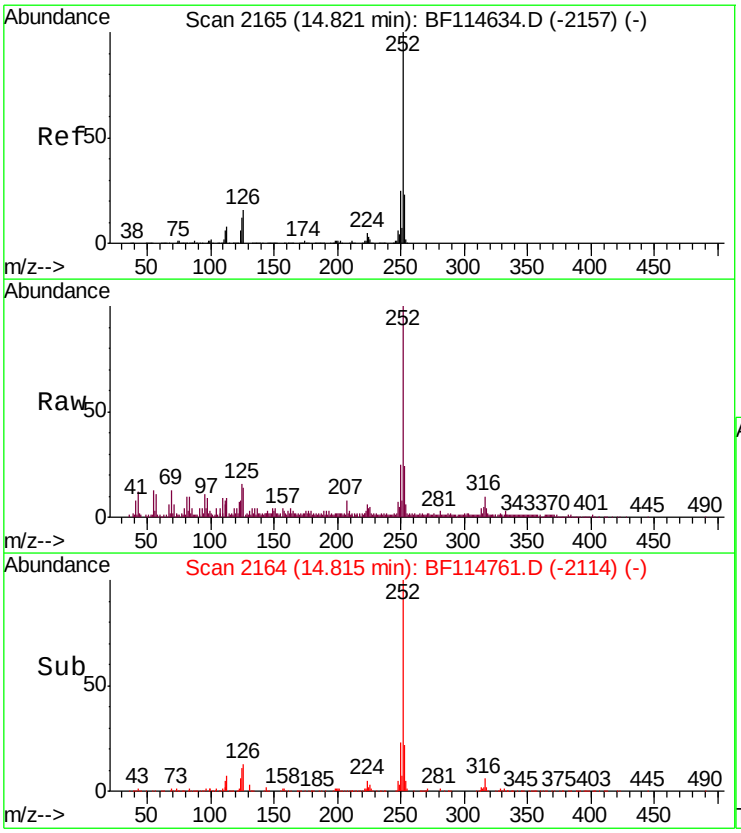
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:264 Resp: 867595

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.5	18.1	27.1

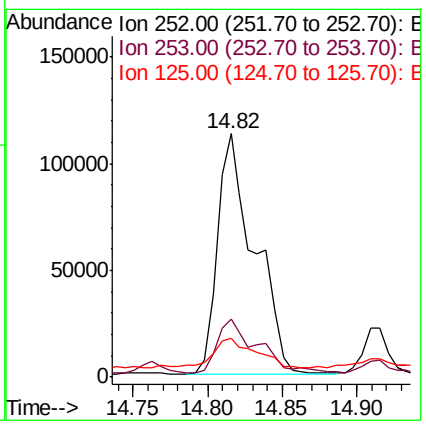


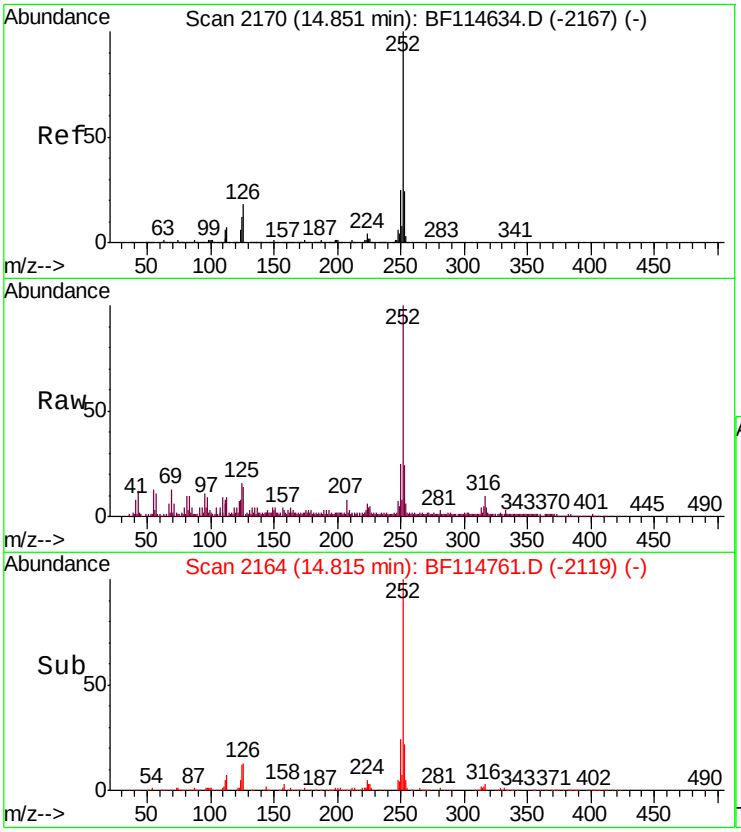


#88
Benzo(b)fluoranthene
Concen: 3.579 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion:252 Resp: 195590

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	16.0	9.4	14.2#





#89
Benzo(k)fluoranthene
Concen: 4.118 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.04 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tgt Ion:252 Resp: 195590

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	16.0	9.5	14.3#