Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114840.D
Acq On : 6 Jun 2019 1:15
Operator : HP/JU
Sample : K3182-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 06 05:05:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	347599	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1324797	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	672050	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1308720	20.00	ng	0.00
76) Chrysene-d12	13.79	240	902519	20.00	ng	0.00
87) Perylene-d12	15.17	264	943633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2382310	119.76	ng	0.02
7) Phenol-d6	6.31	99	2940663	121.49	ng	0.00
23) Nitrobenzene-d5	7.23	82	1850932	86.01	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	891388	123.08	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3099339	86.39	ng	0.00
79) Terphenyl-d14	12.76	244	3336626	71.90	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	252644	15.767	ng	# 79
25) Isophorone	7.23	82	1836160	43.157	ng	# 61
50) Dimethylphthalate	9.42	163	757194	15.426	ng	99
57) 2,4-Dinitrotoluene	9.69	165	87272	6.014	ng	# 32
58) Fluorene	10.23	166	3870	Below Cal		# 94
67) 4-Bromophenyl-phenylether	10.48	248	56951	3.832	ng	# 1
75) Fluoranthene	12.37	202	191411	2.944	ng	96
78) Pyrene	12.60	202	171294	2.188	ng	95
88) Benzo(b)fluoranthene	14.78	252	222094	3.697	ng	96
89) Benzo(k)fluoranthene	14.78	252	222094	4.353	ng	96
90) Benzo(a)pyrene	15.11	252	114513	2.202	ng	98

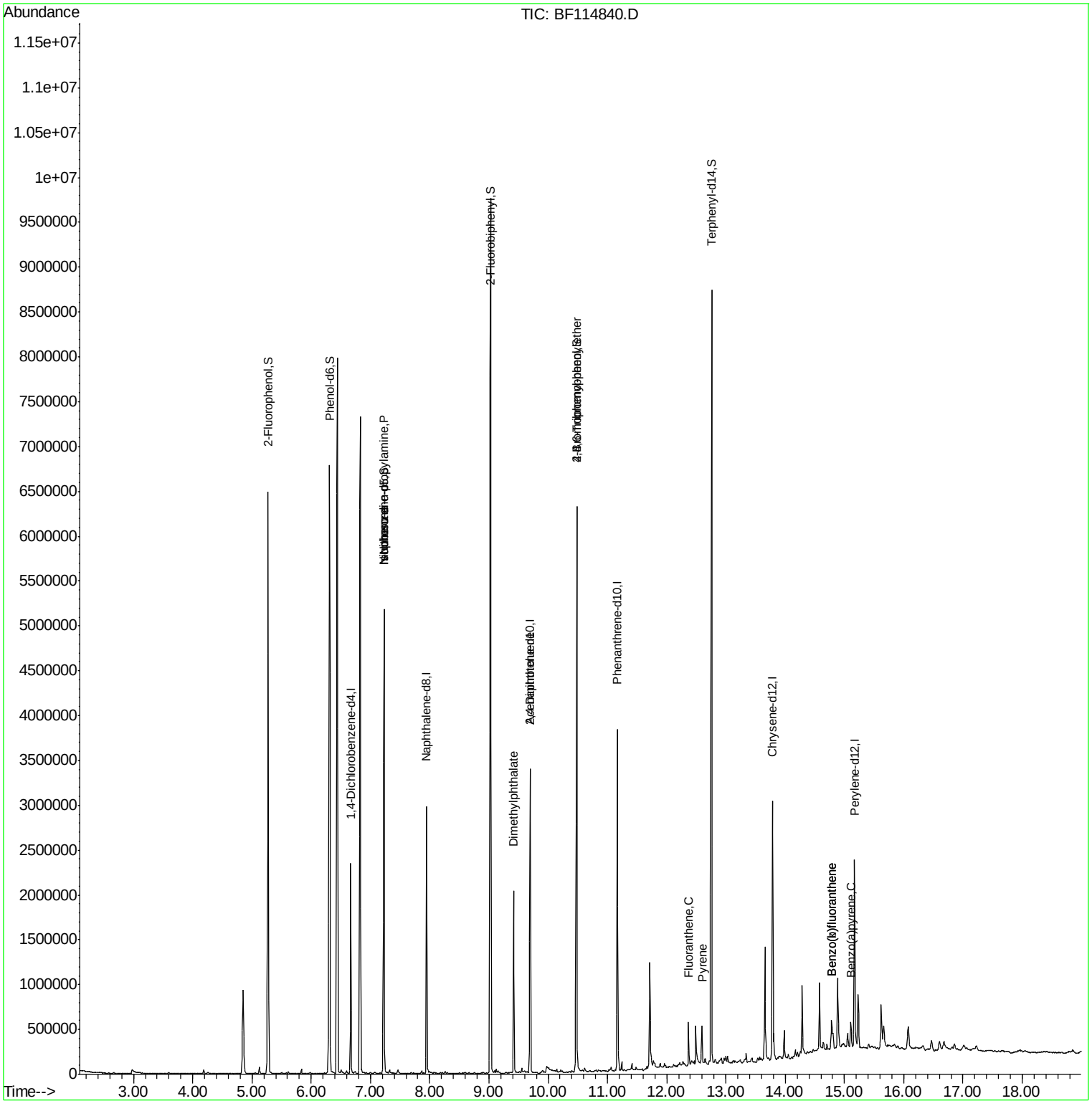
(#) = qualifier out of range (m) = manual integration (+) = signals summed

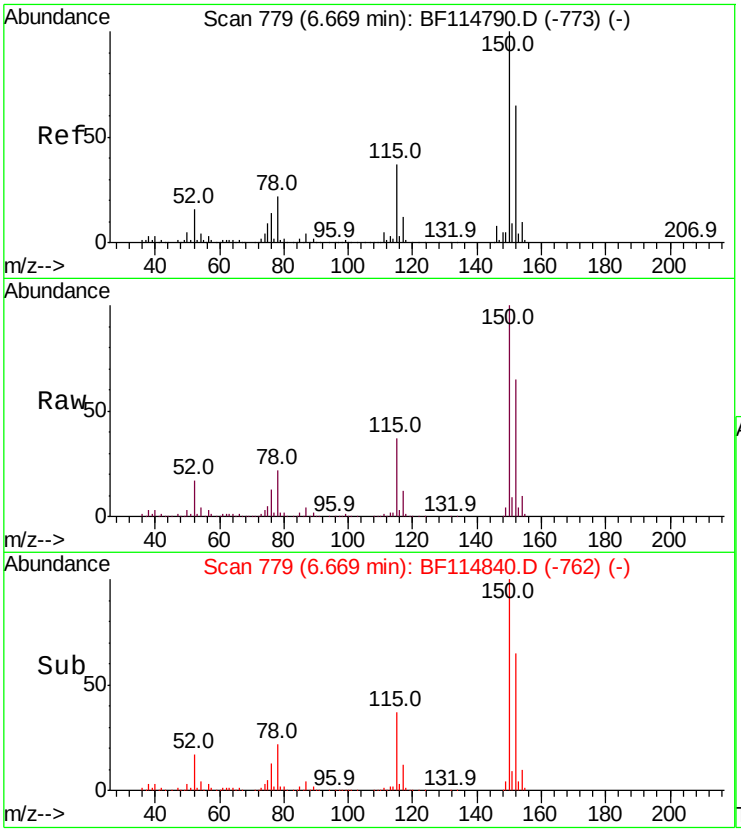
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114840.D
Acq On : 6 Jun 2019 1:15
Operator : HP/JU
Sample : K3182-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 06 05:05:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration



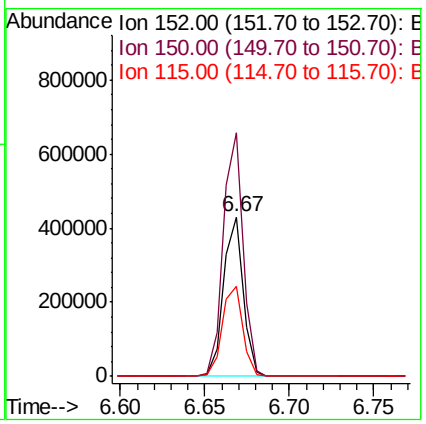


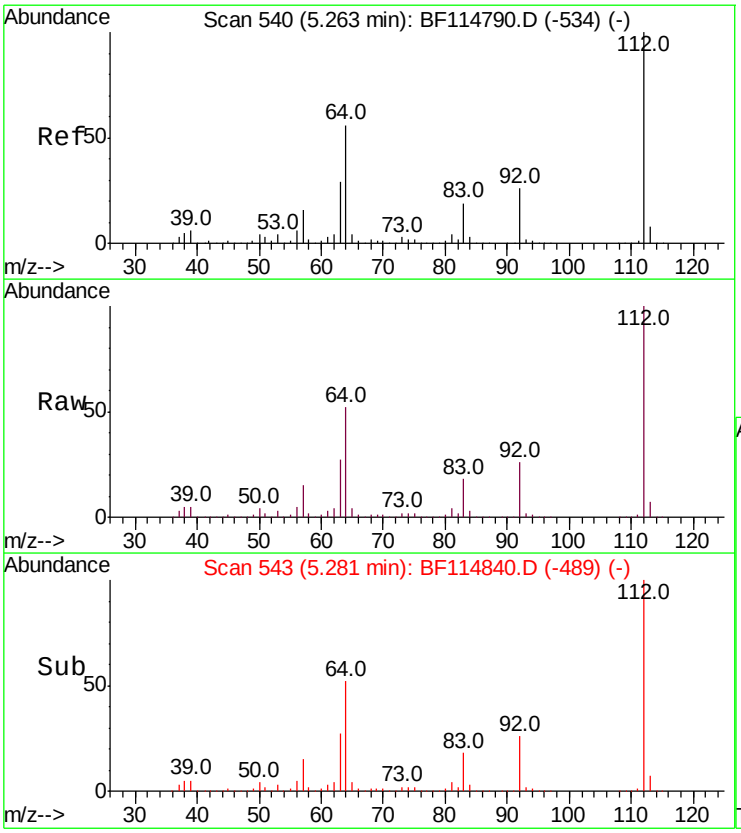
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 347599

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.0	186.0
115	56.4	46.3	69.5

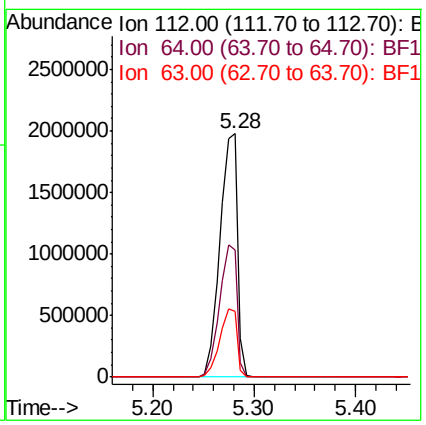


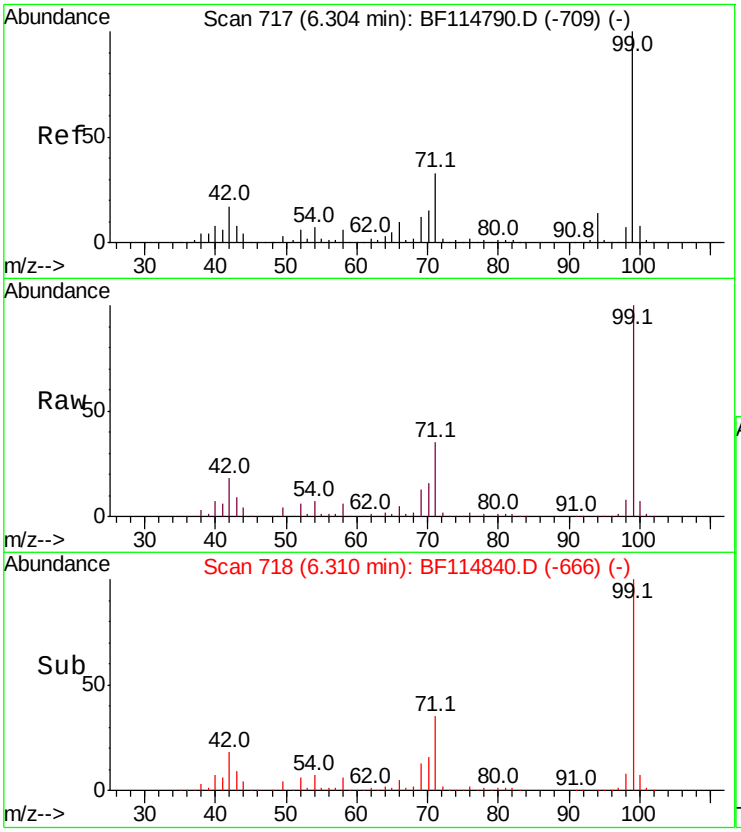


#5
2-Fluorophenol
Concen: 119.757 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:112 Resp: 2382310

Ion	Ratio	Lower	Upper
112	100		
64	52.4	44.6	66.8
63	26.9	23.0	34.4



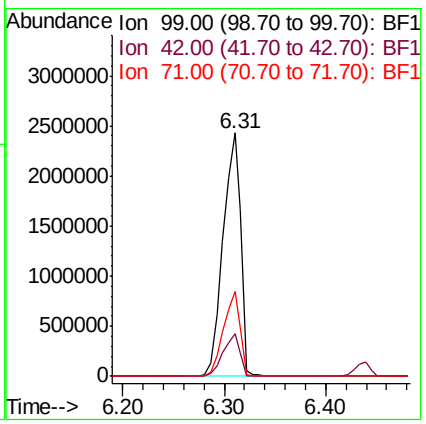


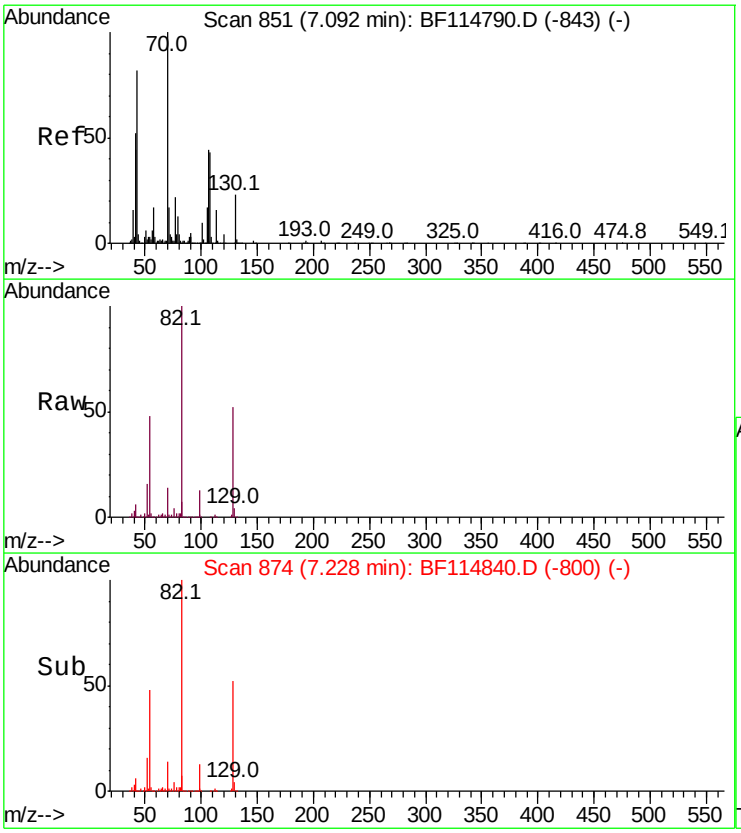
#7
Phenol-d6
Concen: 121.486 ng
RT: 6.31 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2940663

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.3	19.9
71	34.9	26.3	39.5

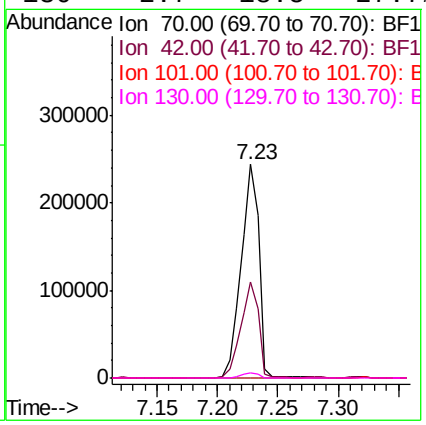


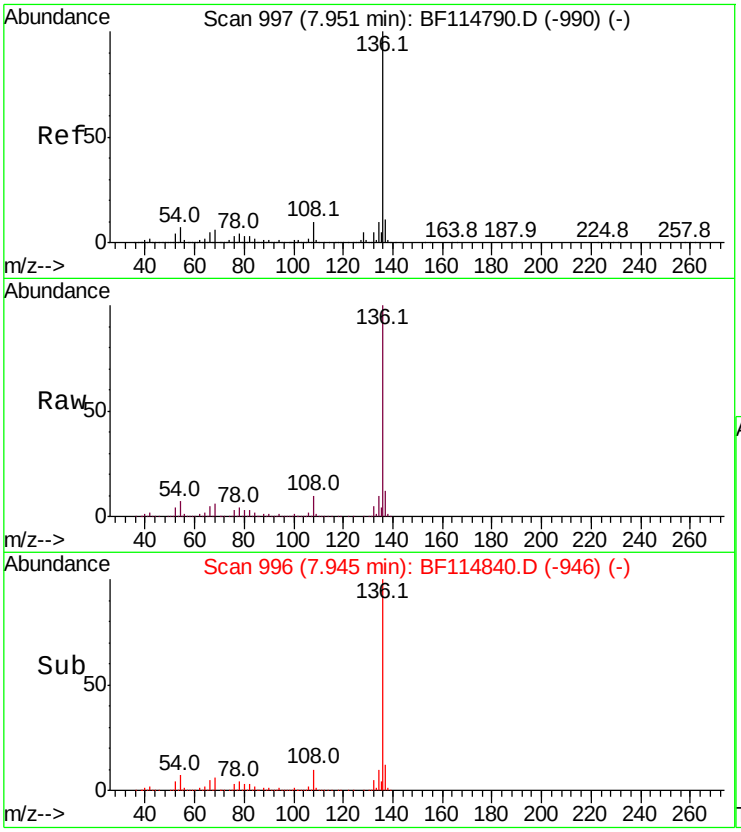


#19
n-Nitroso-di-n-propylamine
Concen: 15.767 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion: 70 Resp: 252644

Ion	Ratio	Lower	Upper
70	100		
42	45.0	41.8	62.8
101	0.0	8.2	12.4#
130	2.7	18.5	27.7#



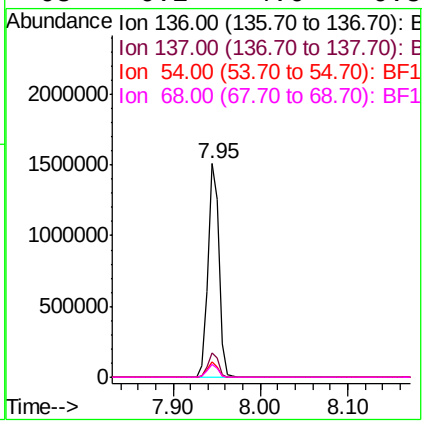


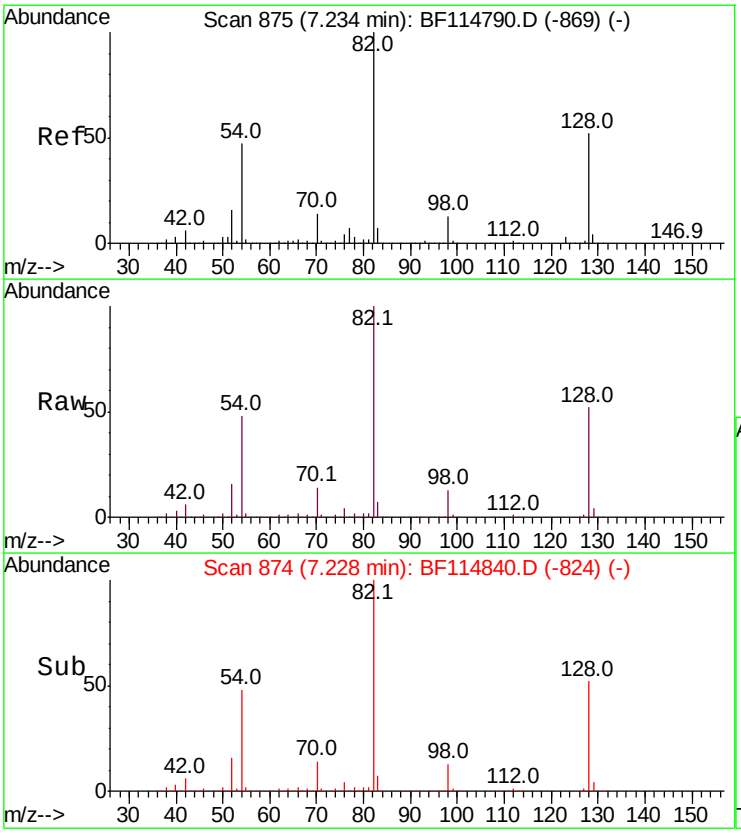
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1324797

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.2	5.4	8.0
68	6.2	4.6	6.8

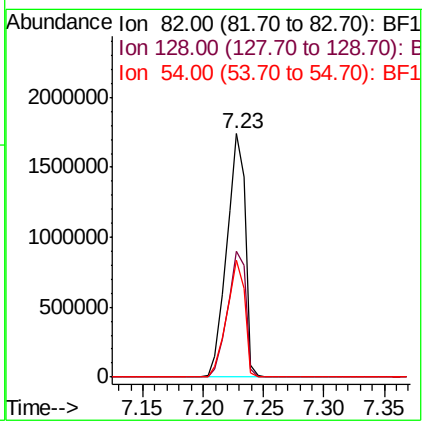


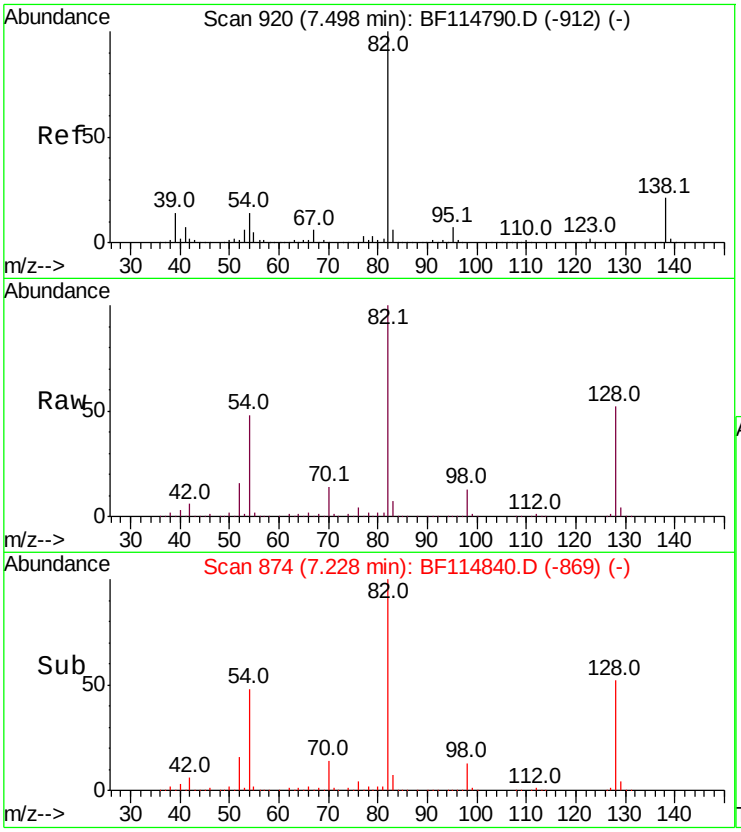


#23
Nitrobenzene-d5
Concen: 86.006 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion: 82 Resp: 1850932

Ion	Ratio	Lower	Upper
82	100		
128	51.8	41.8	62.6
54	48.2	37.9	56.9



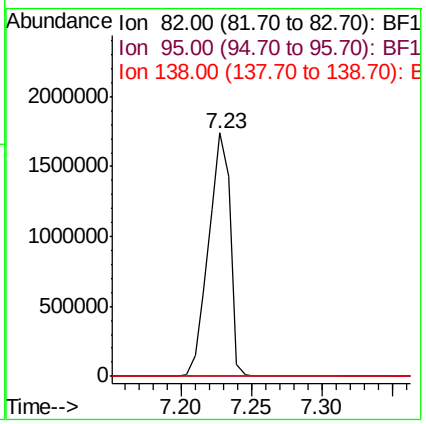


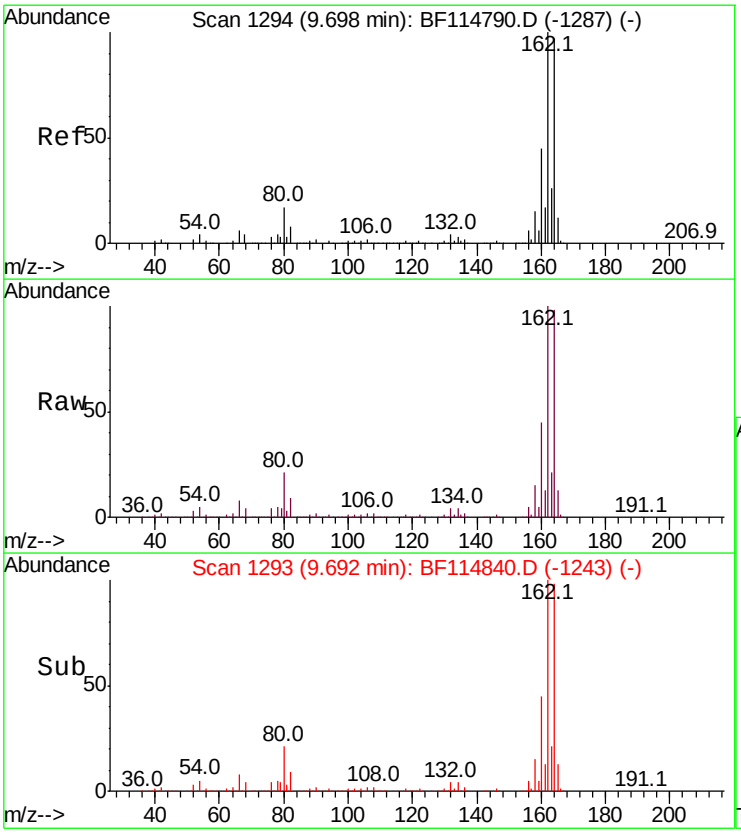
#25
Isophorone
Concen: 43.157 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.27 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1836160

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.9	25.3#

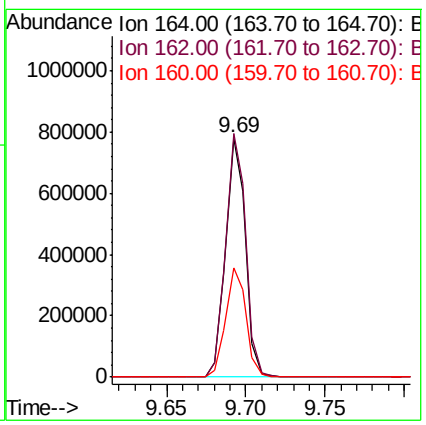


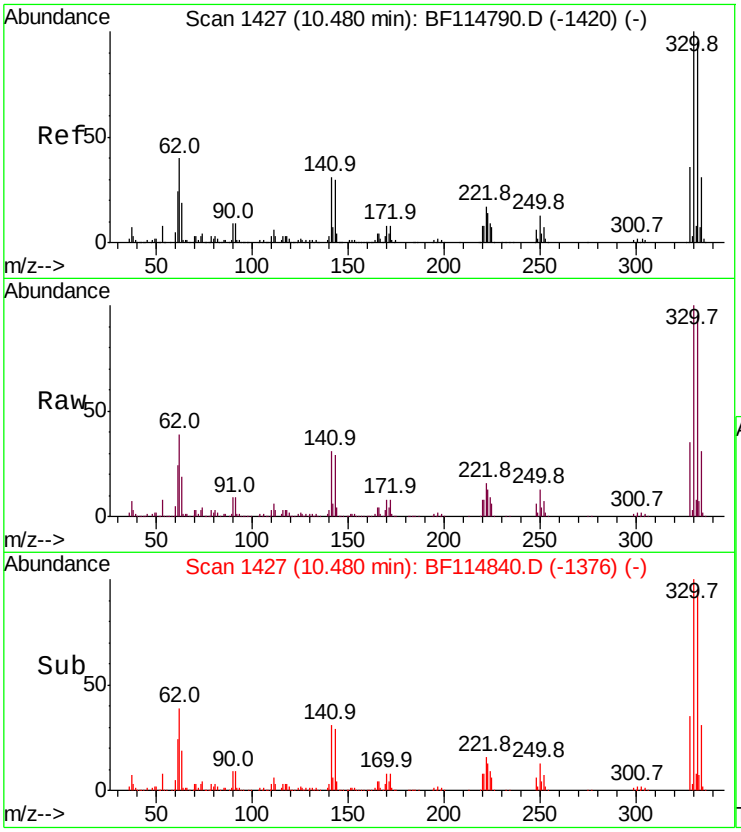


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:164 Resp: 672050

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.3	123.5
160	45.7	36.7	55.1



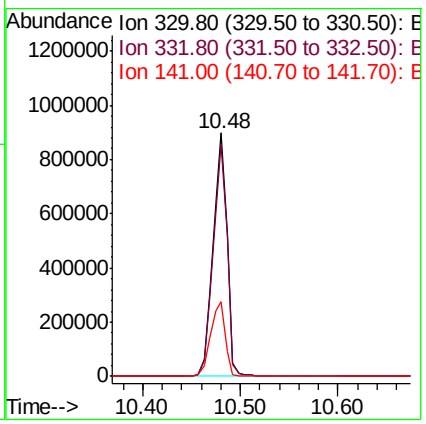


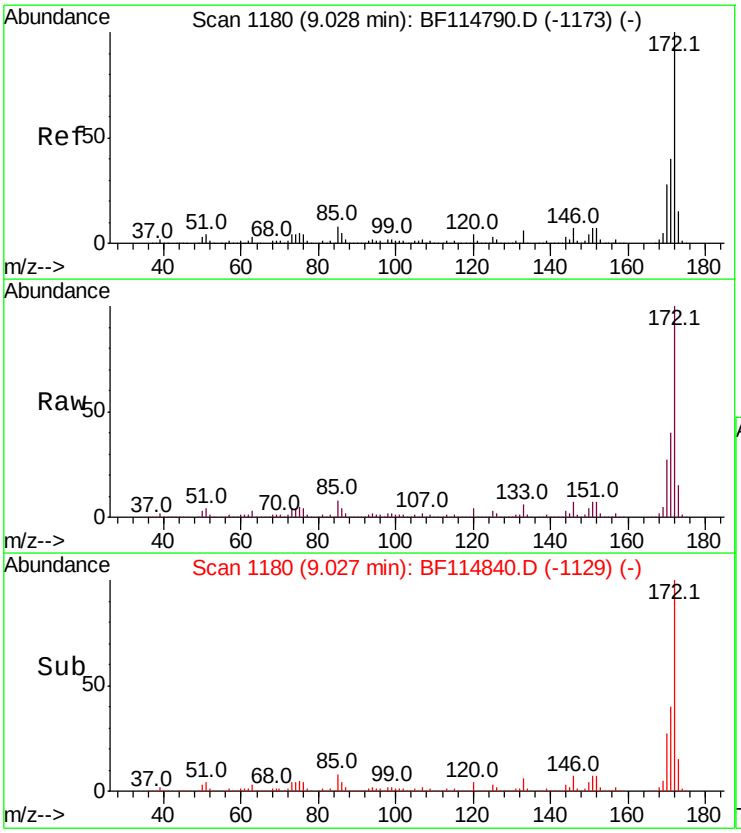
#42
2,4,6-Tribromophenol
Concen: 123.079 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 891388

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	32.2	26.2	39.4

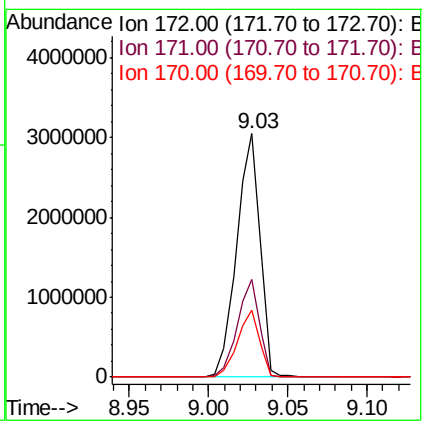


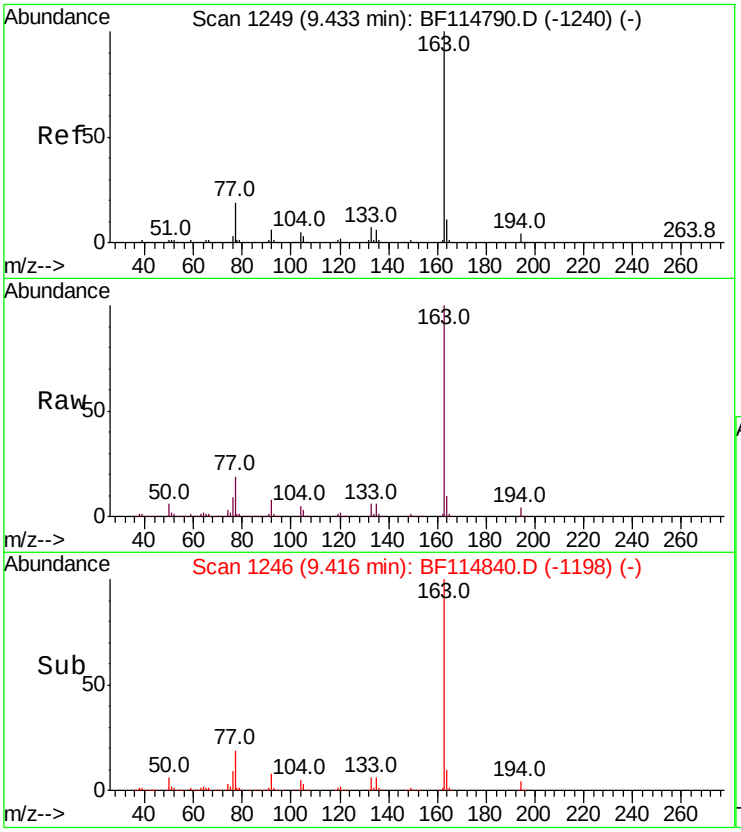


#45
2-Fluorobiphenyl
Concen: 86.391 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:172 Resp: 3099339

Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.3	48.5
170	27.5	22.4	33.6



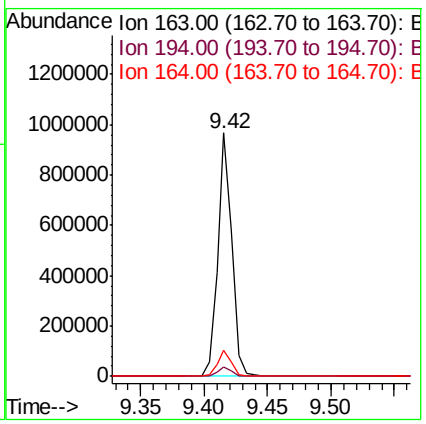


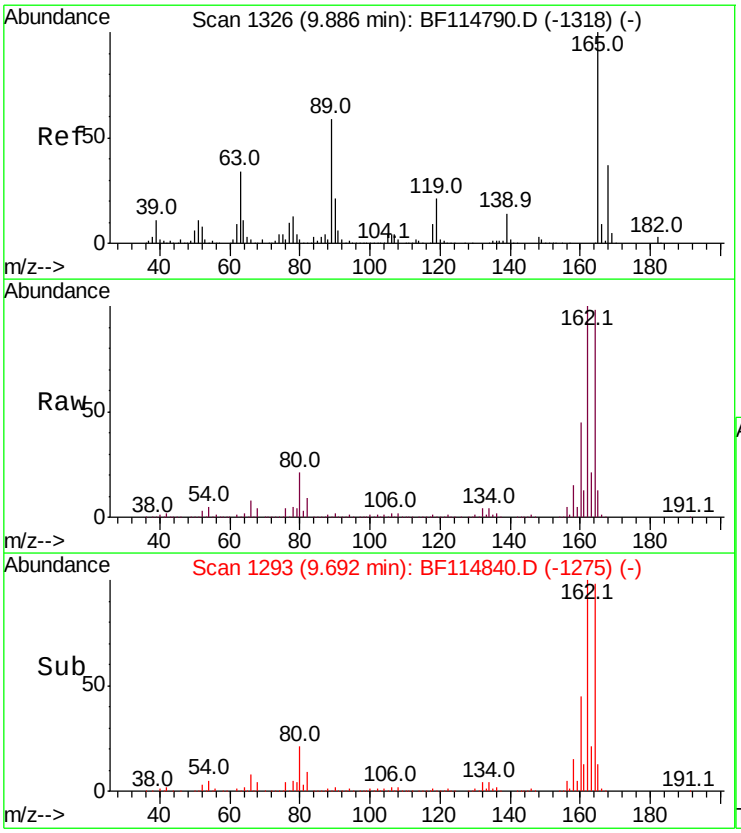
#50
Dimethylphthalate
Concen: 15.426 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 757194

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	10.4	8.6	13.0

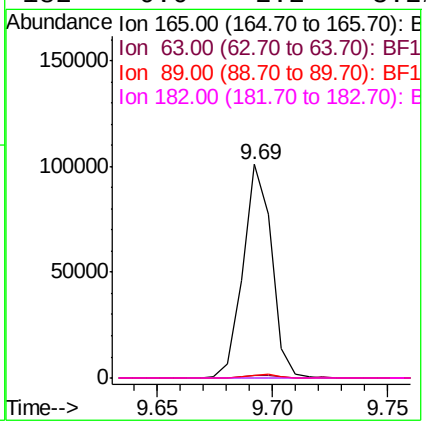


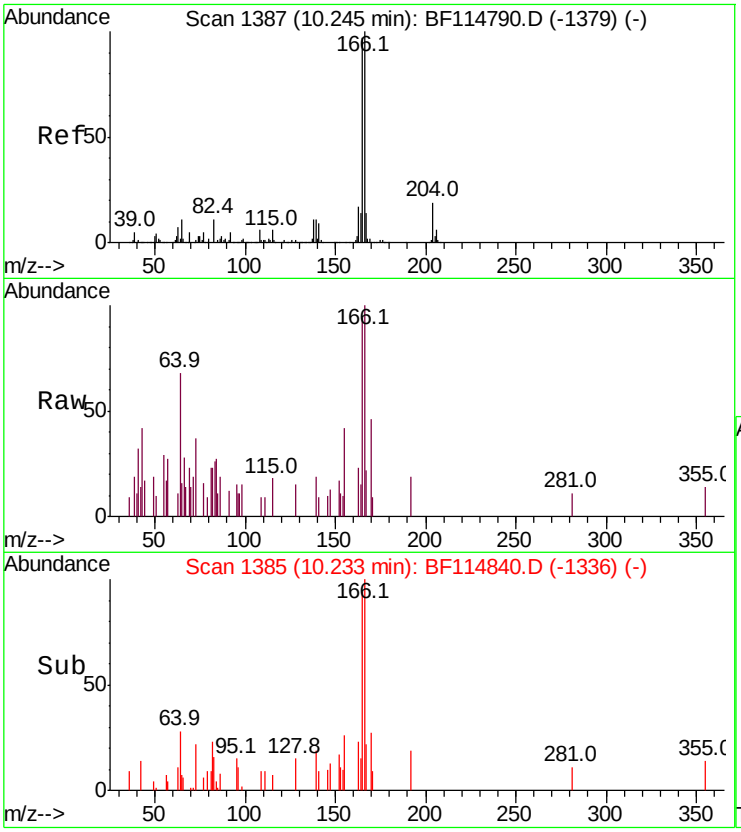


#57
2,4-Dinitrotoluene
Concen: 6.014 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.19 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:165 Resp: 87272

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.0	40.4#
89	1.4	47.0	70.6#
182	0.0	2.2	3.2#



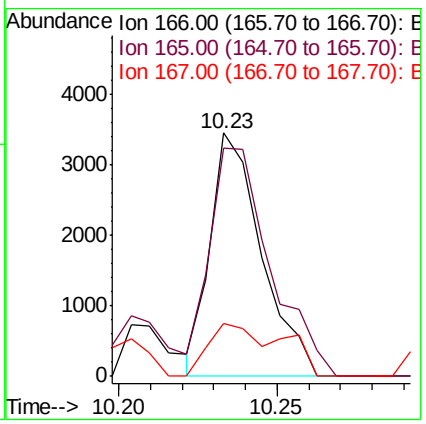


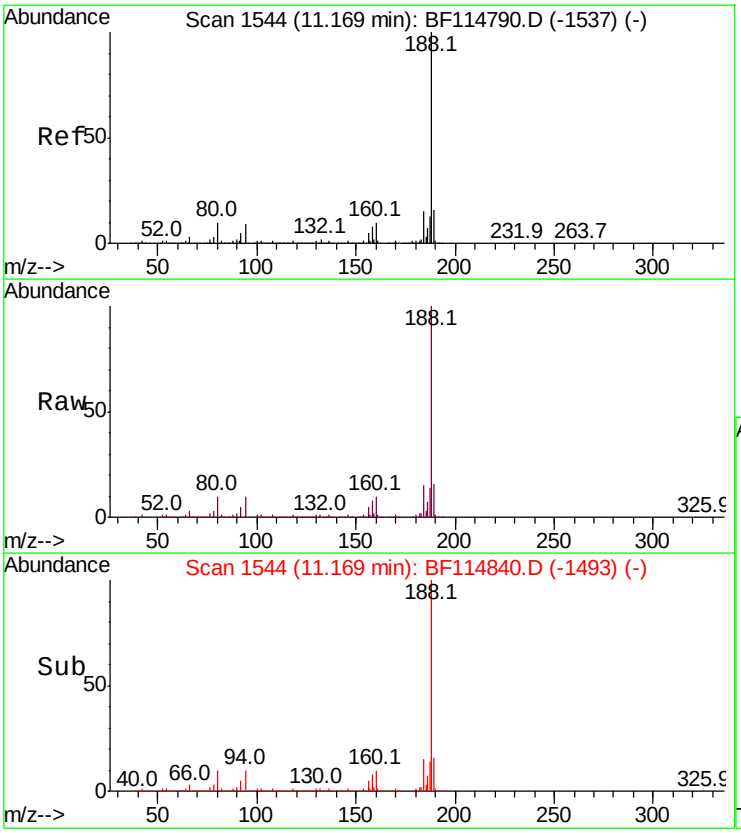
#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 3870

Ion	Ratio	Lower	Upper
166	100		
165	93.5	77.9	116.9
167	21.6	11.3	16.9#

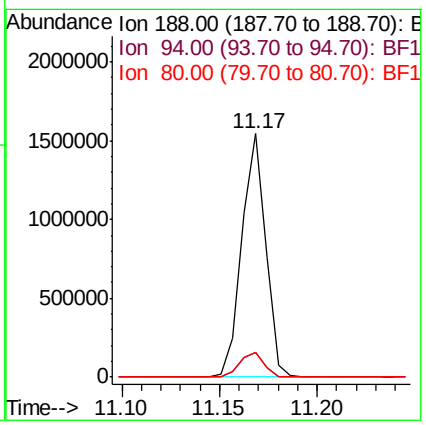


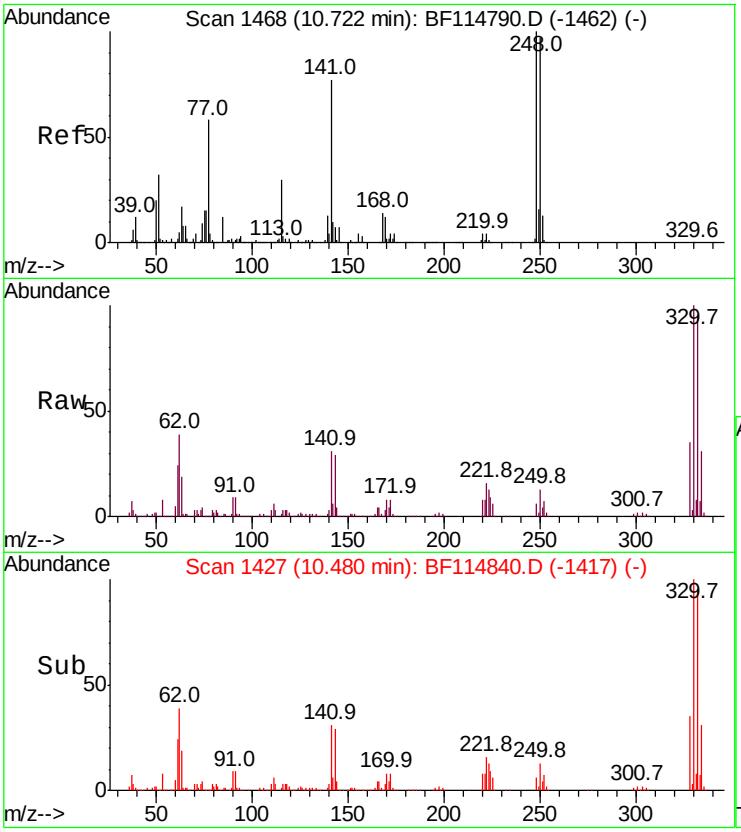


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:188 Resp: 1308720

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.6	11.4
80	10.2	8.3	12.5



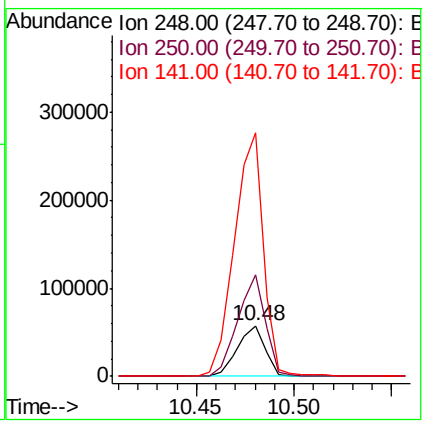


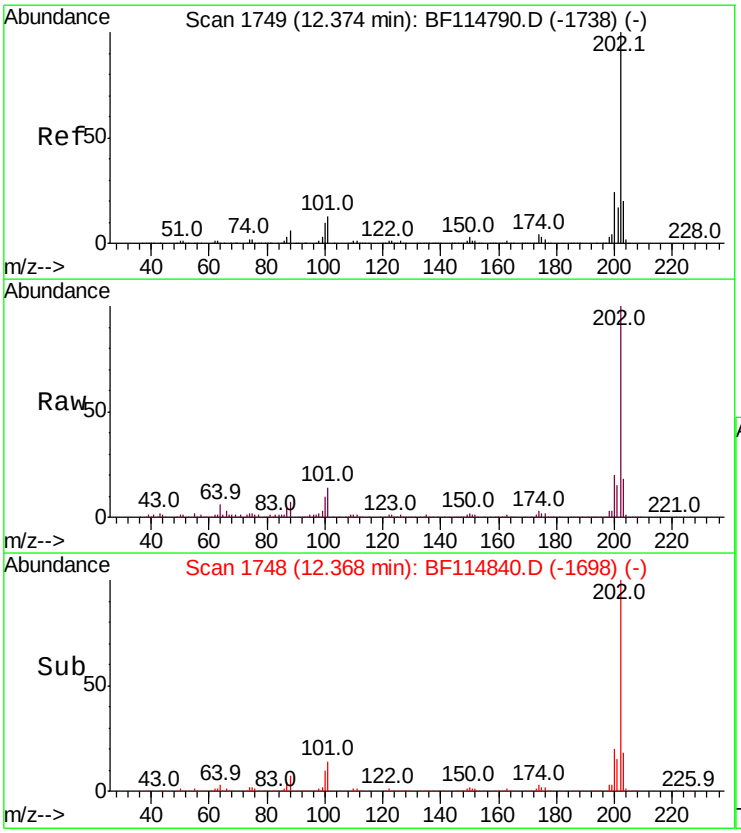
#67
4-Bromophenyl-phenylether
Concen: 3.832 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.24 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 56951

Ion	Ratio	Lower	Upper
248	100		
250	201.5	77.5	116.3#
141	483.8	61.8	92.8#

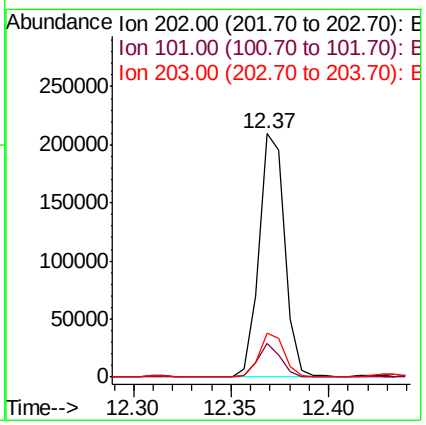


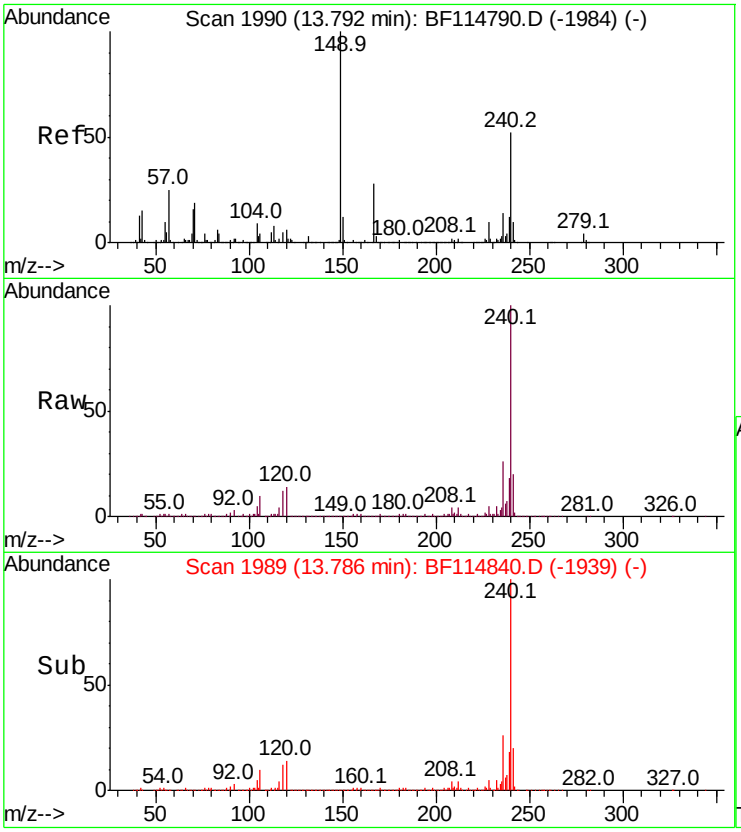


#75
Fluoranthene
Concen: 2.944 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:202 Resp: 191411

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.8
203	18.2	0.2	40.2



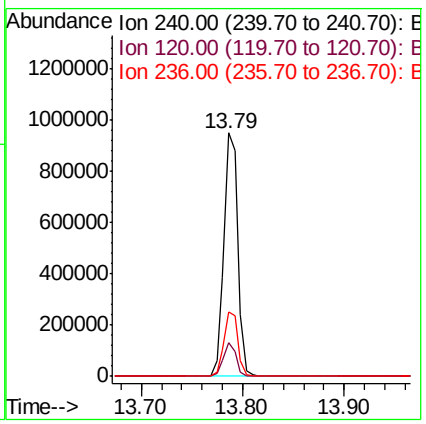


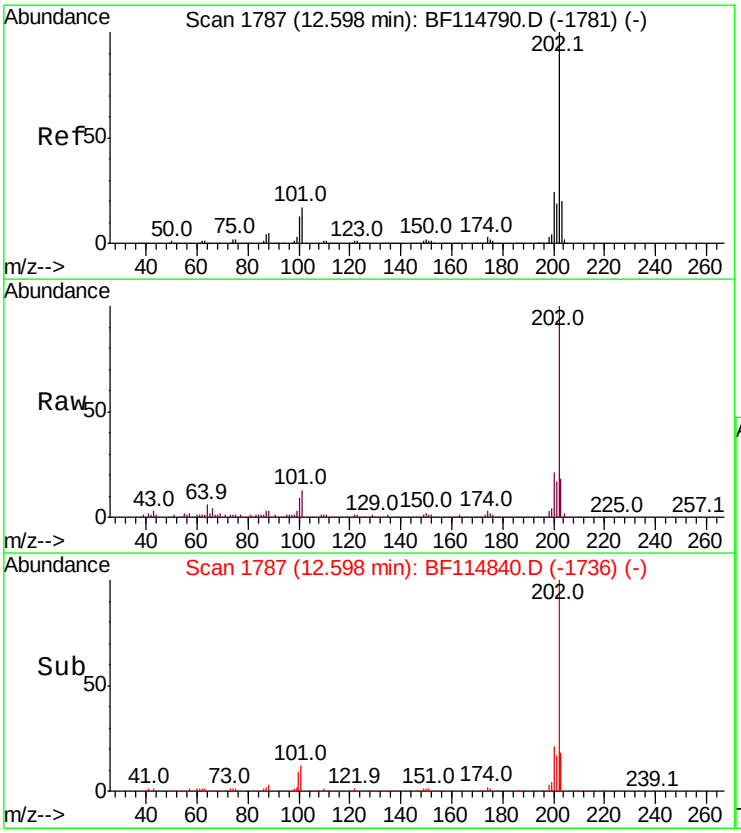
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 902519

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.0	13.4#
236	26.3	21.4	32.0

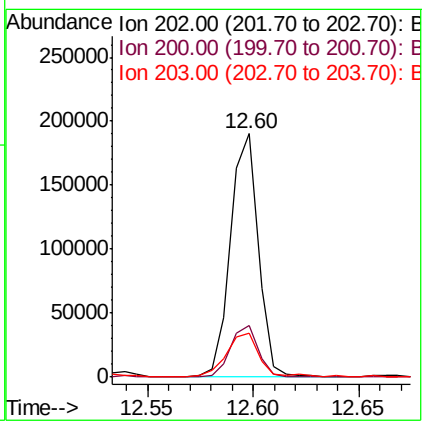


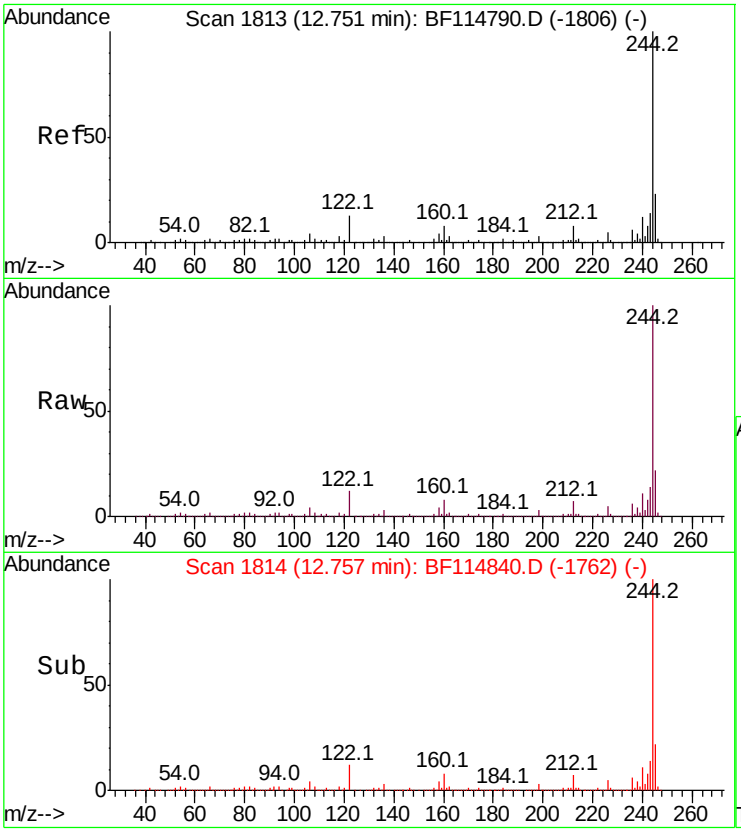


#78
Pyrene
Concen: 2.188 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:202 Resp: 171294

Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.2	28.8
203	18.2	15.9	23.9



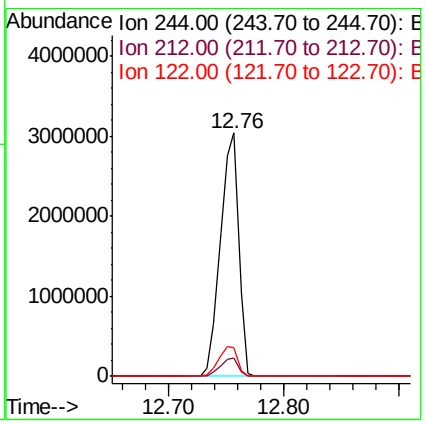


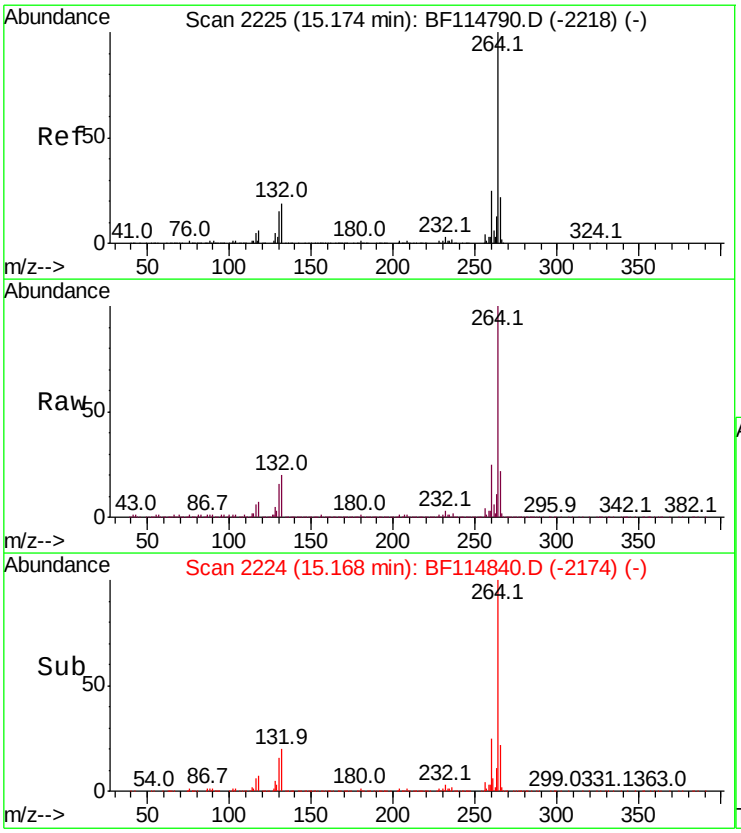
#79
Terphenyl-d14
Concen: 71.898 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3336626

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.9	10.5	15.7

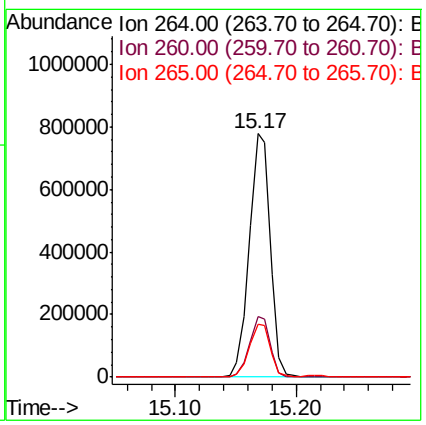


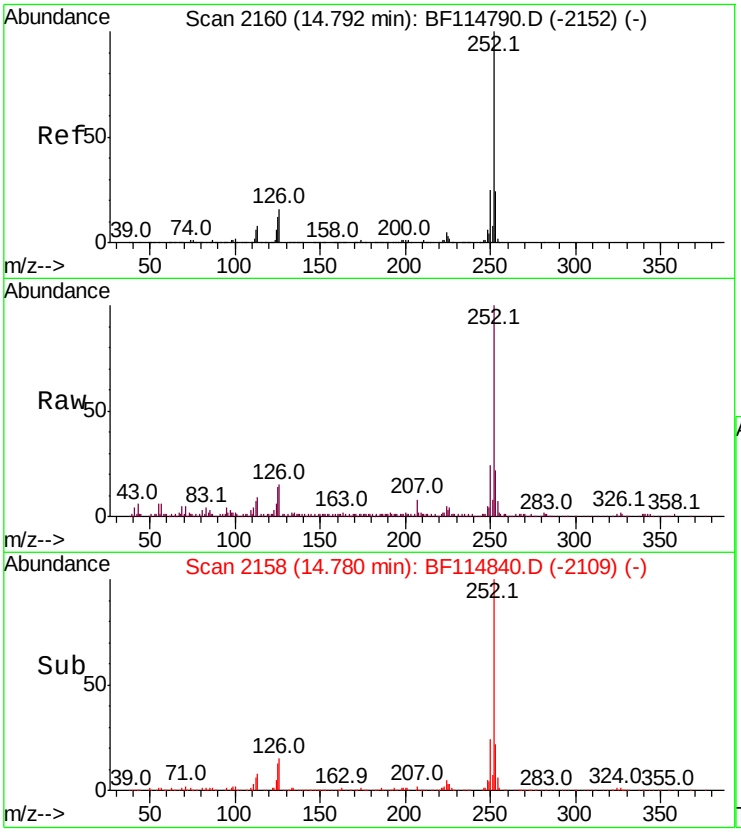


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:264 Resp: 943633

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.0	17.7	26.5



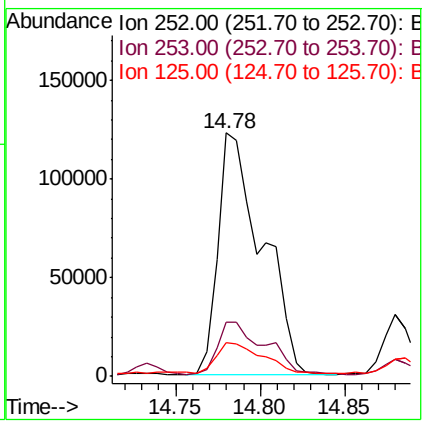


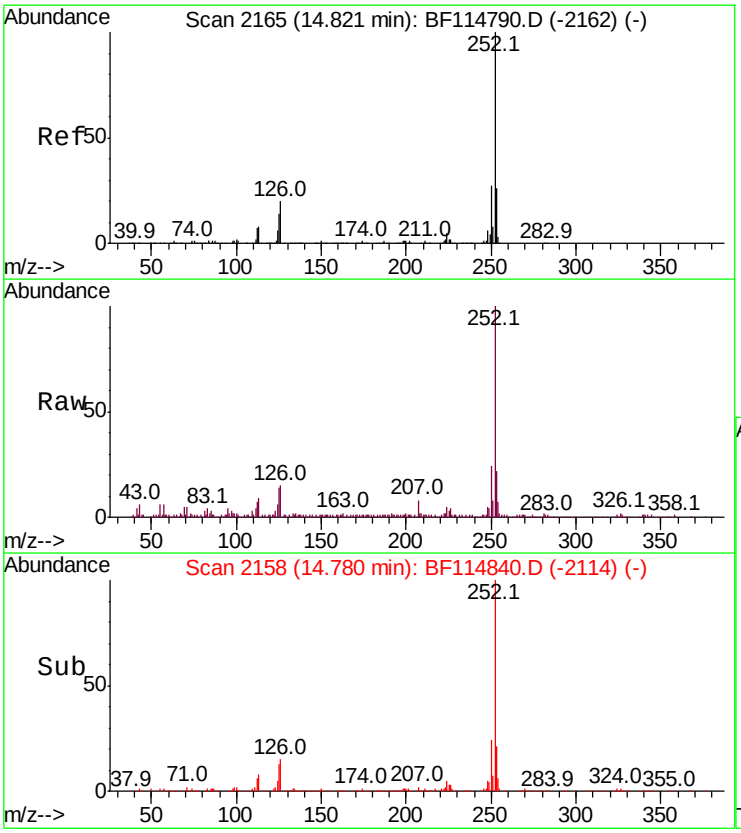
#88
Benzo(b)fluoranthene
Concen: 3.697 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 222094

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.6
125	13.8	9.4	14.0

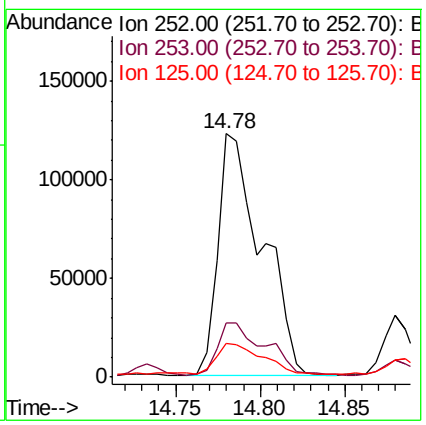


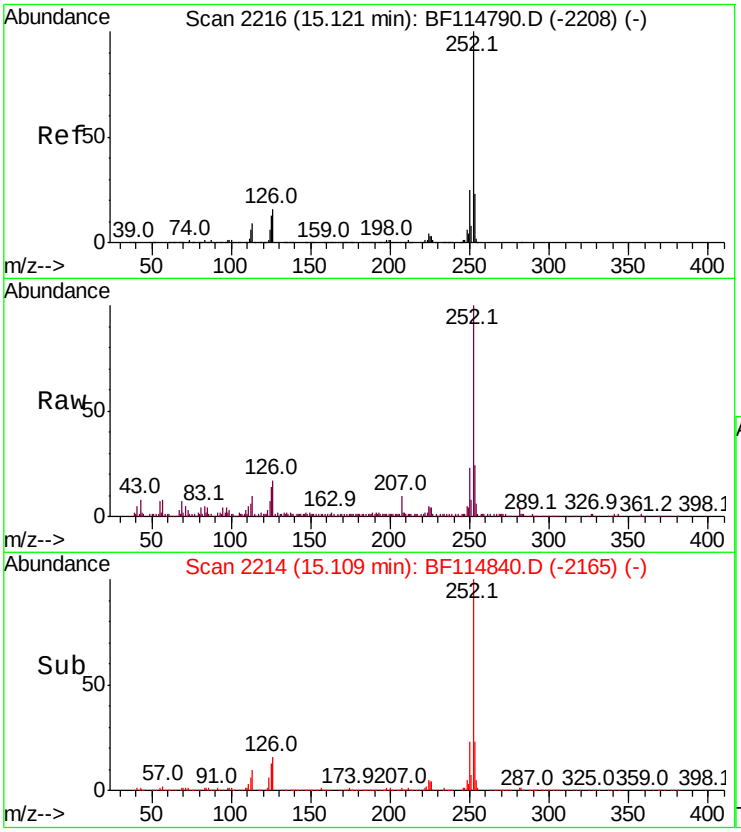


#89
Benzo(k)fluoranthene
Concen: 4.353 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.04 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Tgt Ion:252 Resp: 222094

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.3	28.9
125	13.8	10.1	15.1





#90
Benzo(a)pyrene
Concen: 2.202 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114840.D
Acq: 6 Jun 2019 1:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 114513

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	14.0	10.1	15.1