Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
Data File : BF118109.D
Acq On : 5 Dec 2019 18:05
Operator : JU
Sample : K6098-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 06 03:33:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120173	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	450938	20.00	ng		-0.01
39) Acenaphthene-d10	9.92	164	222391	20.00	ng		-0.02
64) Phenanthrene-d10	11.41	188	368767	20.00	ng		-0.01
76) Chrysene-d12	14.06	240	191717	20.00	ng		-0.01
87) Perylene-d12	15.56	264	251378	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	740347	109.05	ng		0.00
7) Phenol-d6	6.50	99	652524	79.69	ng		-0.01
23) Nitrobenzene-d5	7.43	82	724750	95.54	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	317497	134.85	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1387501	111.93	ng		0.00
79) Terphenyl-d14	13.00	244	1220594	116.36	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	2331	Below Cal			95
10) Phenol	6.51	94	110061	12.934	ng		98
15) Benzyl Alcohol	7.03	79	17220	2.724	ng	#	45
18) Hexachloroethane	7.40	117	60227	18.702	ng	#	4
19) n-Nitroso-di-n-propylamine	7.43	70	101209	20.034	ng	#	74
25) Isophorone	7.43	82	724847	52.134	ng	#	63
27) 2,4-Dimethylphenol	7.87	122	15056	2.544	ng	#	9
32) Benzoic acid	7.87	122	15056	3.038	ng		92
50) Dimethylphthalate	9.63	163	290650	18.637	ng		99
52) Acenaphthene	9.95	154	42009	3.314	ng		98
58) Fluorene	10.47	166	62902	4.624	ng		98
67) 4-Bromophenyl-phenylether	10.71	248	19805	4.977	ng	#	1
71) Phenanthrene	11.43	178	43286	2.335	ng		96
72) Anthracene	11.43	178	43286	2.355	ng		98
75) Fluoranthene	12.63	202	3742	Below Cal			75

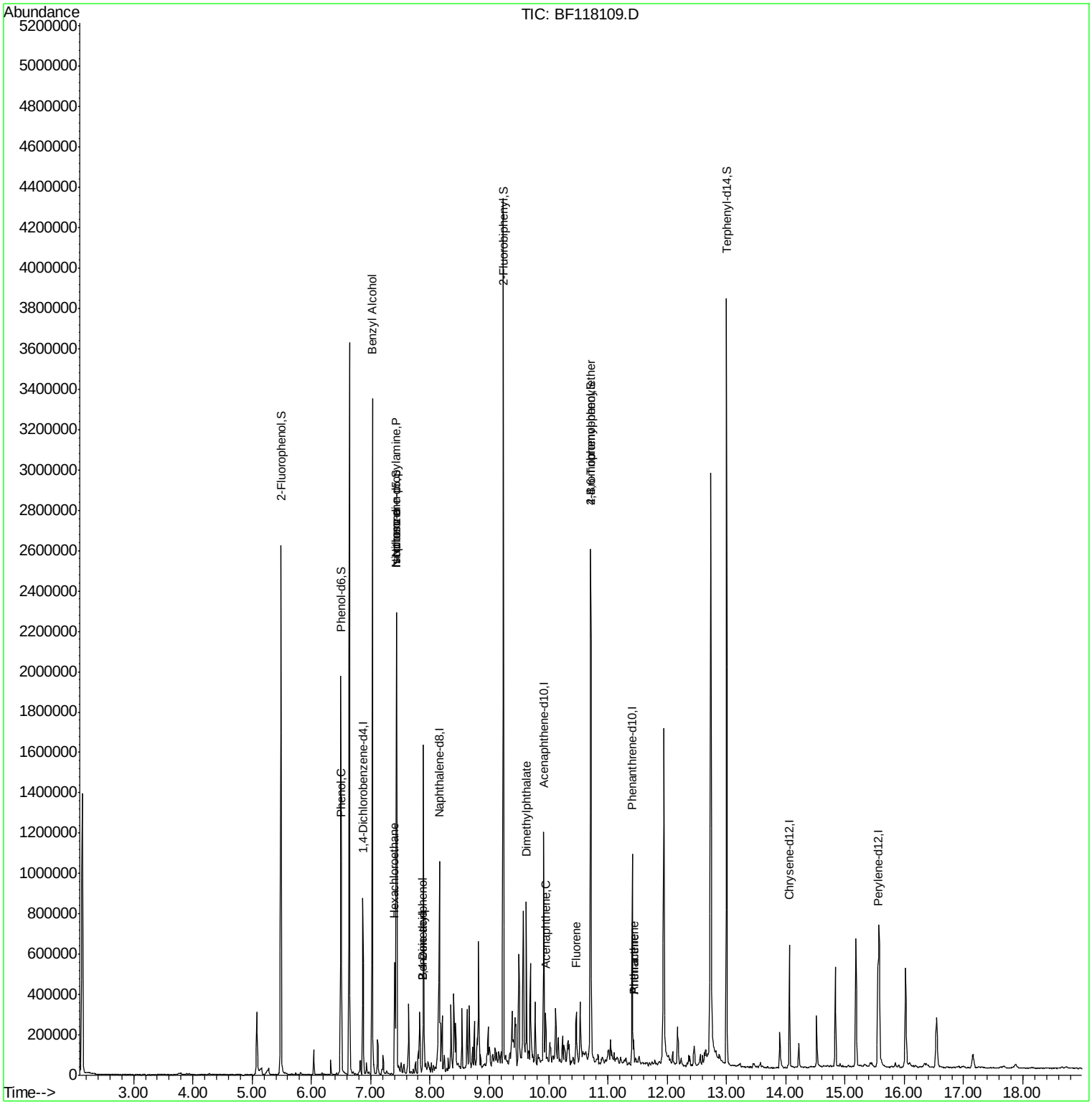
(#) = qualifier out of range (m) = manual integration (+) = signals summed

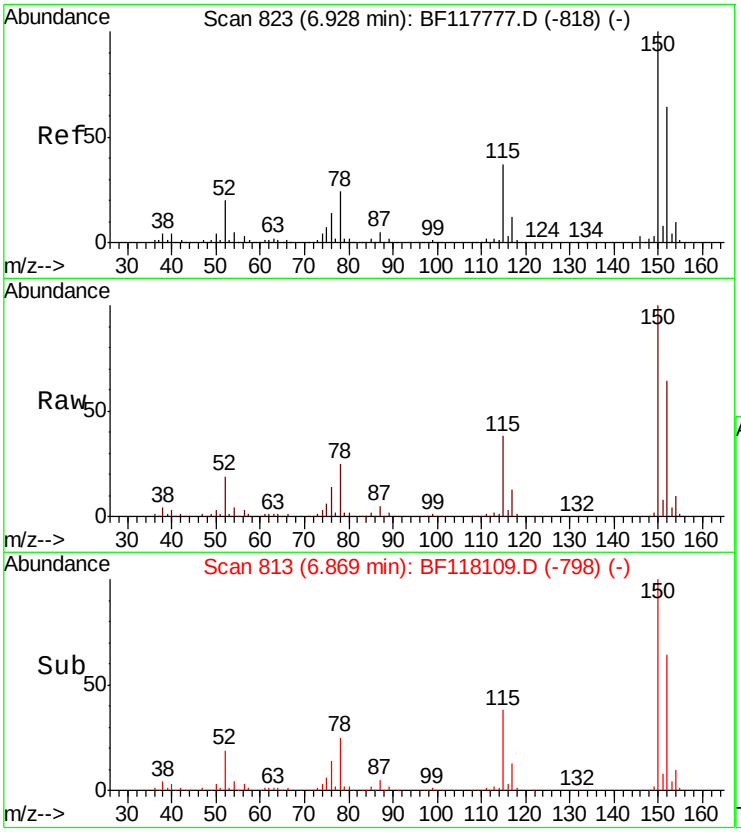
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
Data File : BF118109.D
Acq On : 5 Dec 2019 18:05
Operator : JU
Sample : K6098-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 06 03:33:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration



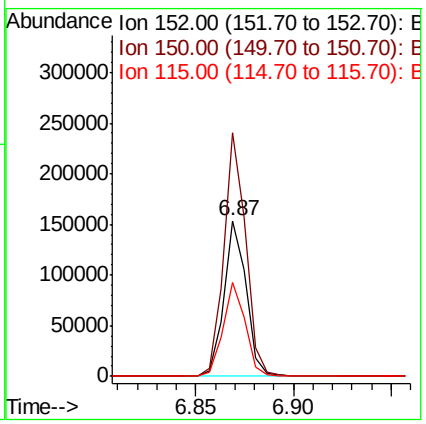


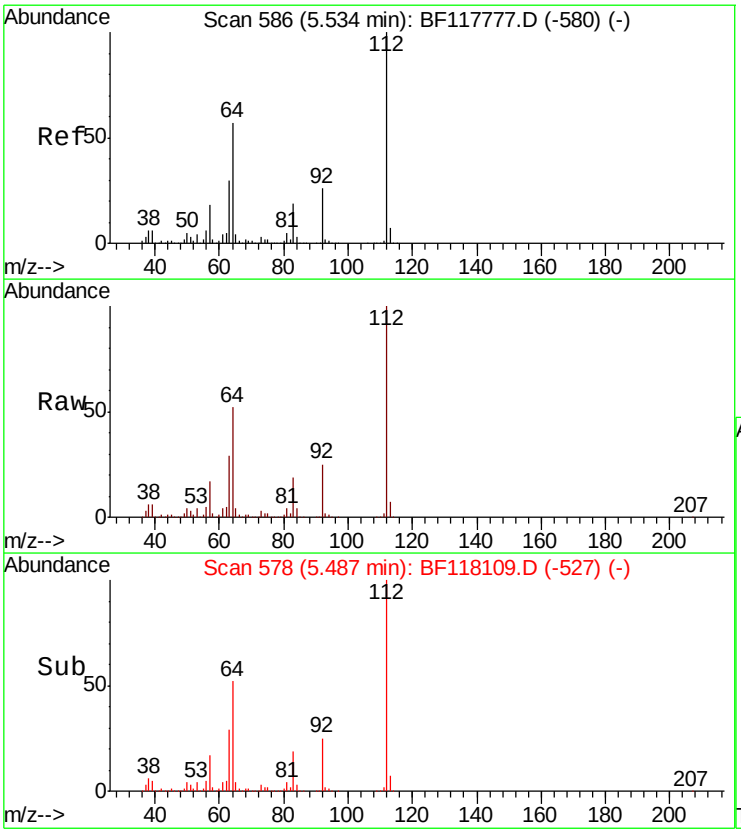
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120173

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.4	182.2
115	59.9	48.8	73.2

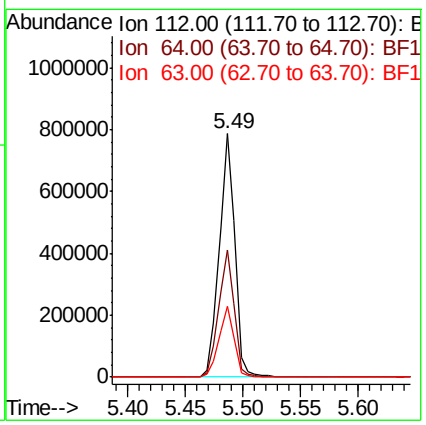


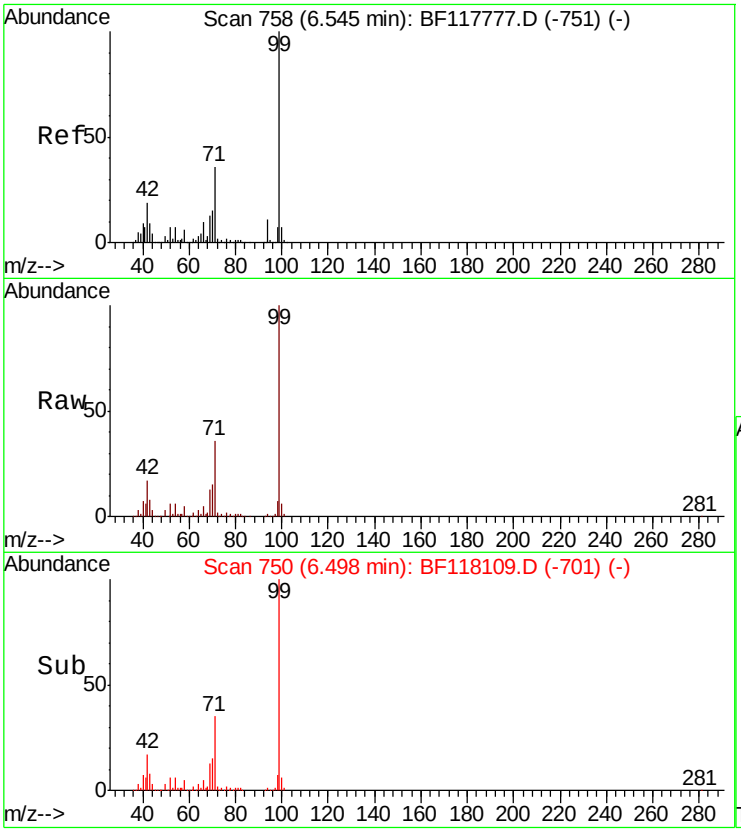


#5
2-Fluorophenol
Concen: 109.051 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:112 Resp: 740347

Ion	Ratio	Lower	Upper
112	100		
64	52.5	45.1	67.7
63	29.2	24.6	37.0



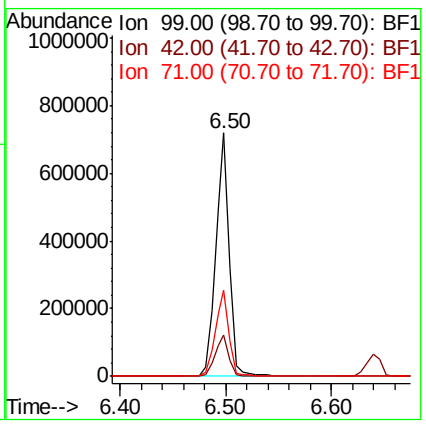


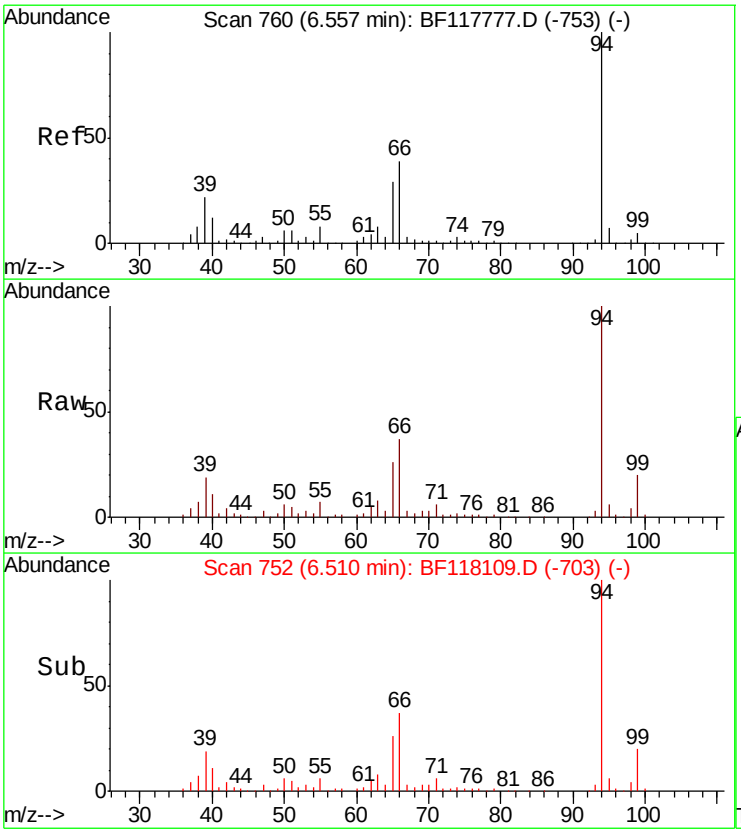
#7
Phenol-d6
Concen: 79.686 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 652524

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.0	21.0
71	35.5	29.2	43.8

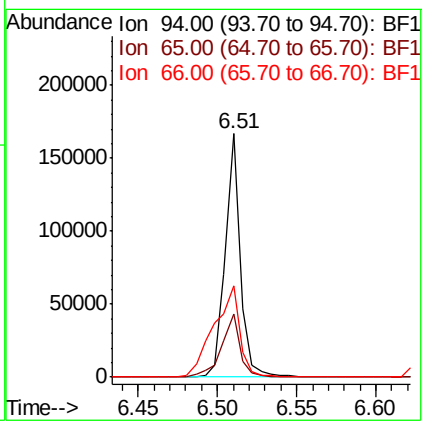


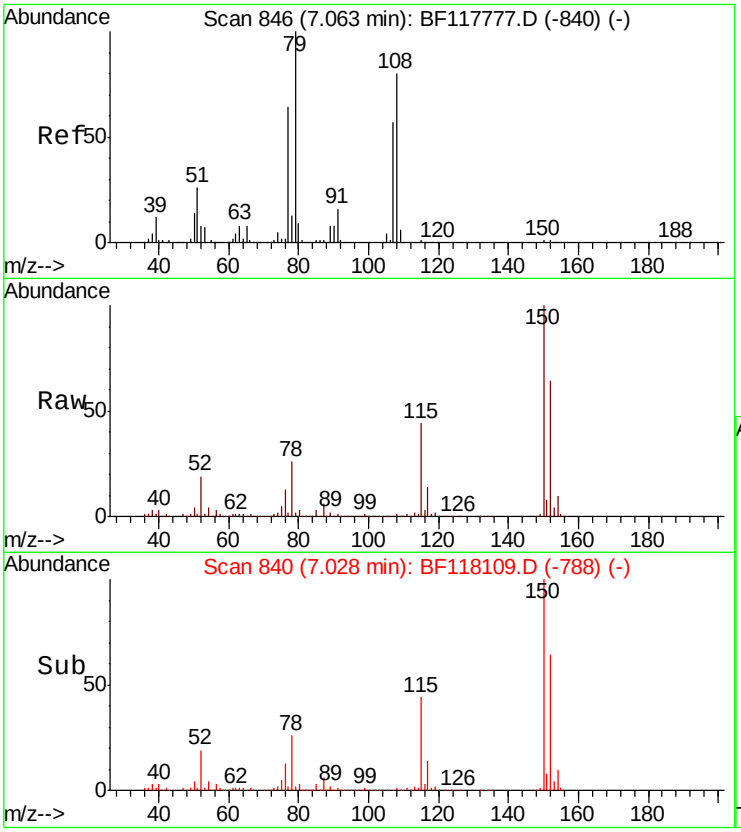


#10
Phenol
Concen: 12.934 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion: 94 Resp: 110061

Ion	Ratio	Lower	Upper
94	100		
65	26.1	6.9	46.9
66	37.3	18.6	58.6



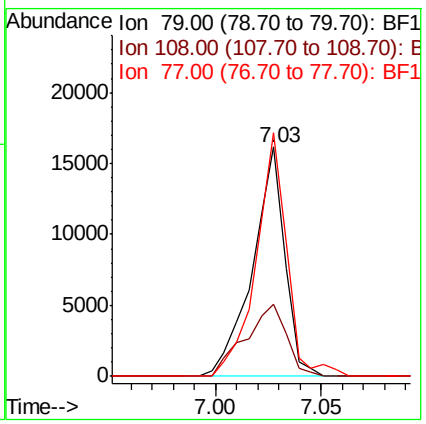


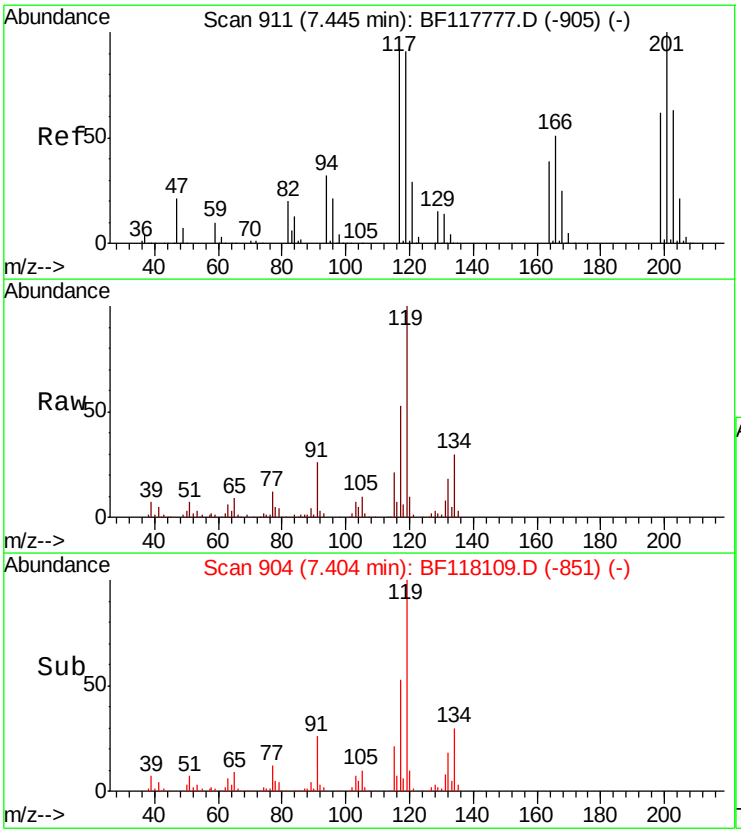
#15
Benzyl Alcohol
Concen: 2.724 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 17220

Ion	Ratio	Lower	Upper
79	100		
108	31.6	63.1	94.7#
77	106.3	50.6	76.0#

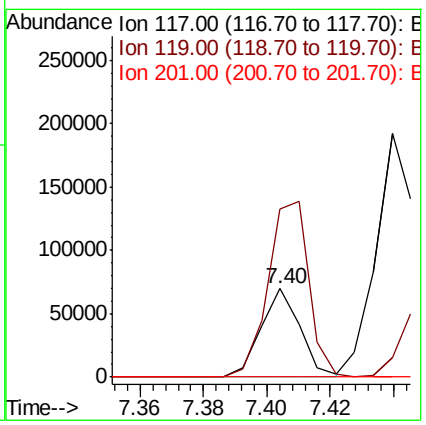


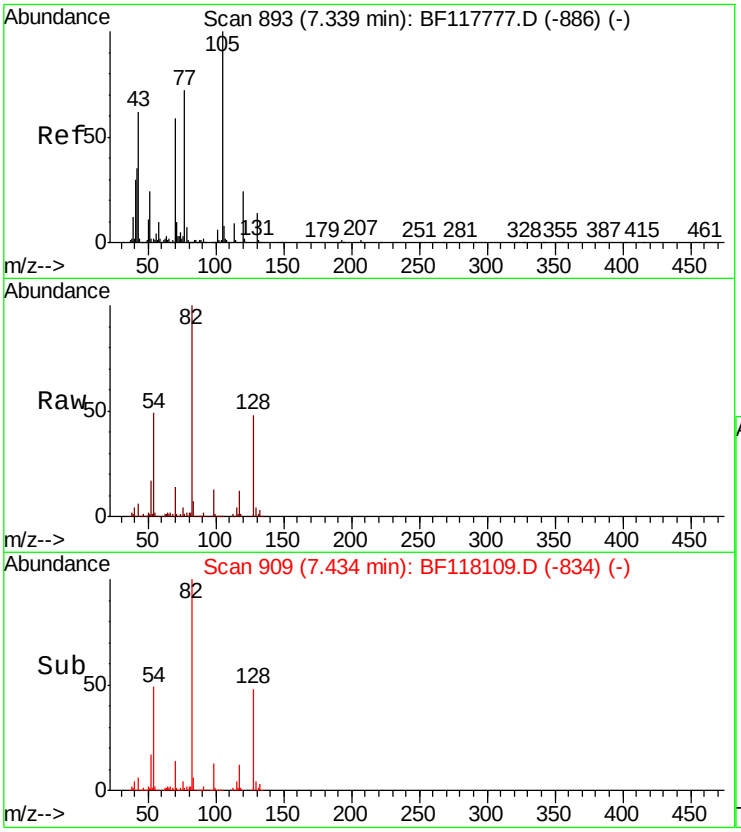


#18
Hexachloroethane
Concen: 18.702 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:117 Resp: 60227

Ion	Ratio	Lower	Upper
117	100		
119	190.1	76.4	114.6#
201	0.0	71.7	107.5#



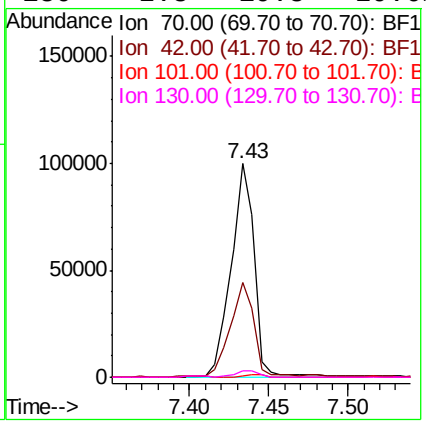


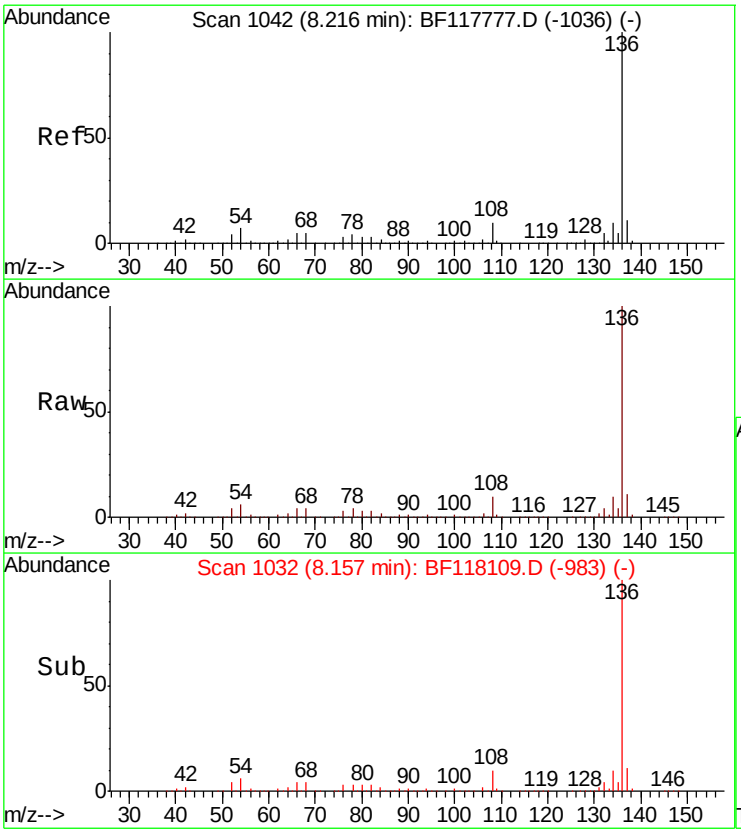
#19
n-Nitroso-di-n-propylamine
Concen: 20.034 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 101209

Ion	Ratio	Lower	Upper
70	100		
42	44.5	46.0	69.0#
101	0.5	8.8	13.2#
130	2.8	19.8	29.6#

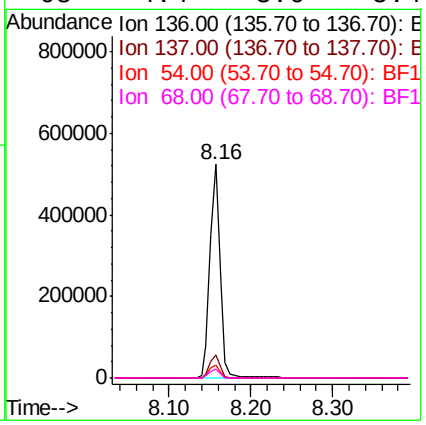


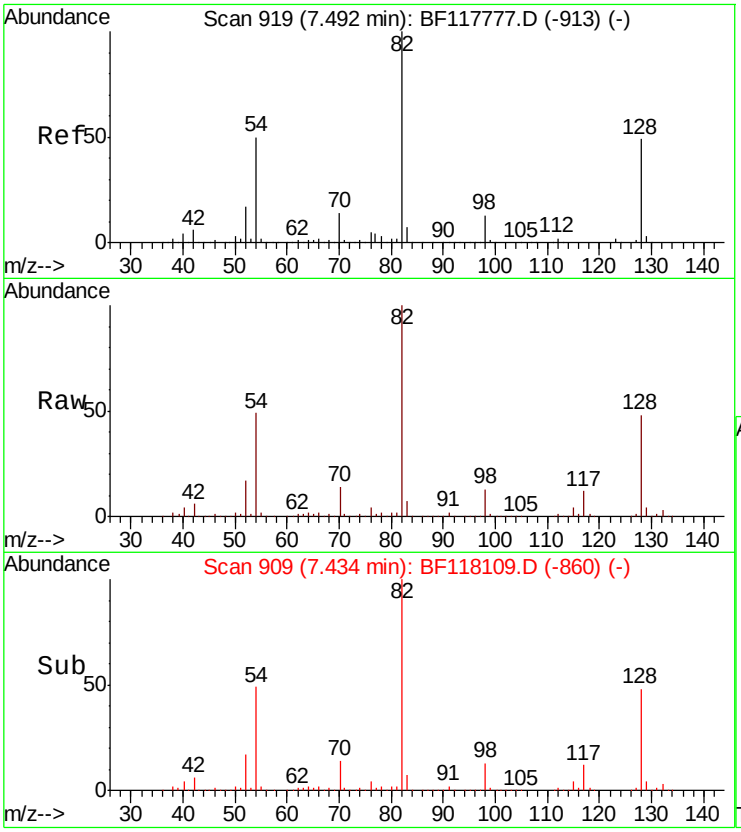


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:136 Resp: 450938

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.9	4.9	7.3
68	4.4	3.6	5.4



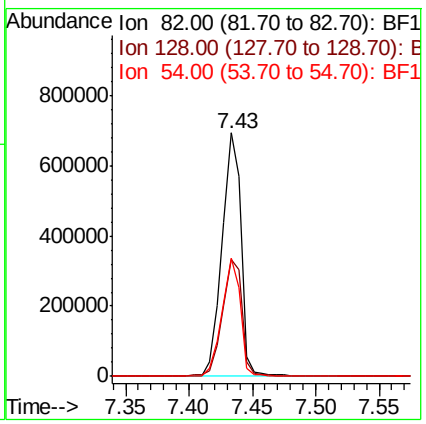


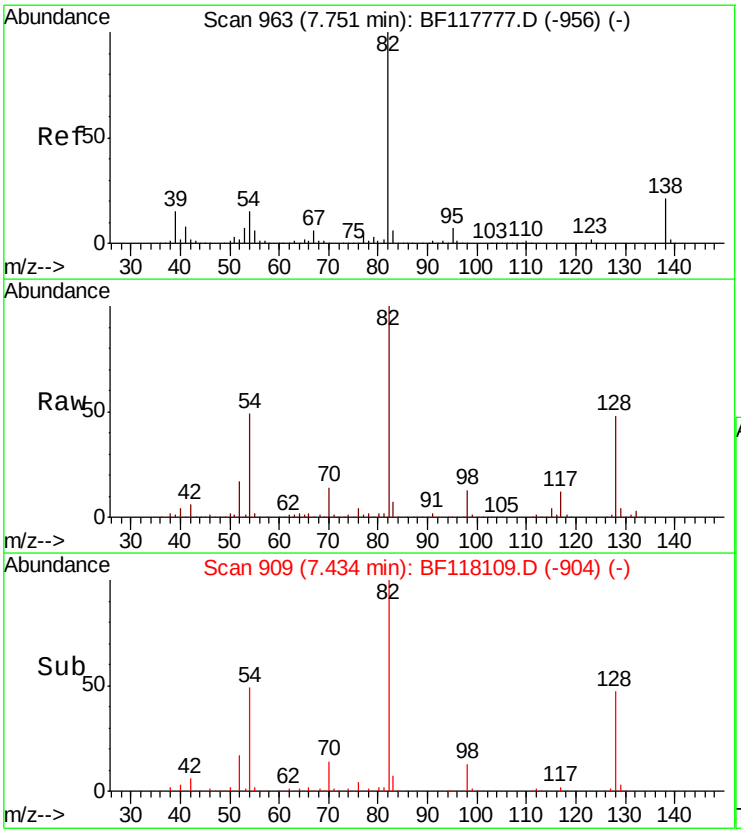
#23
Nitrobenzene-d5
Concen: 95.542 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 724750

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.2	57.4
54	48.6	39.0	58.4

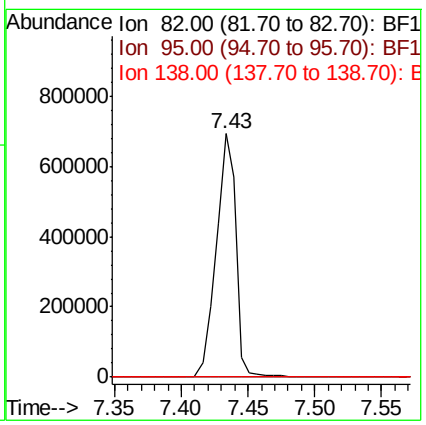


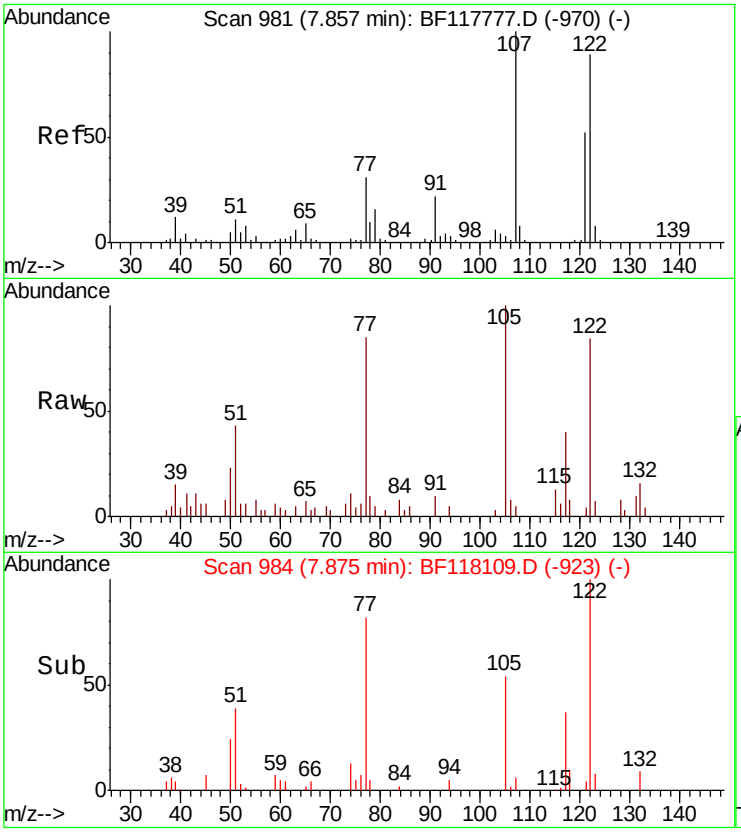


#25
Isophorone
Concen: 52.134 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion: 82 Resp: 724847

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.2	9.2#
138	0.0	15.9	23.9#



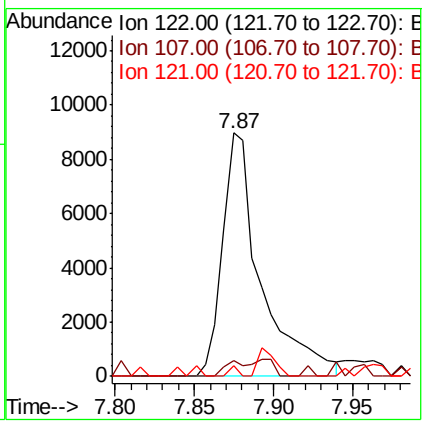


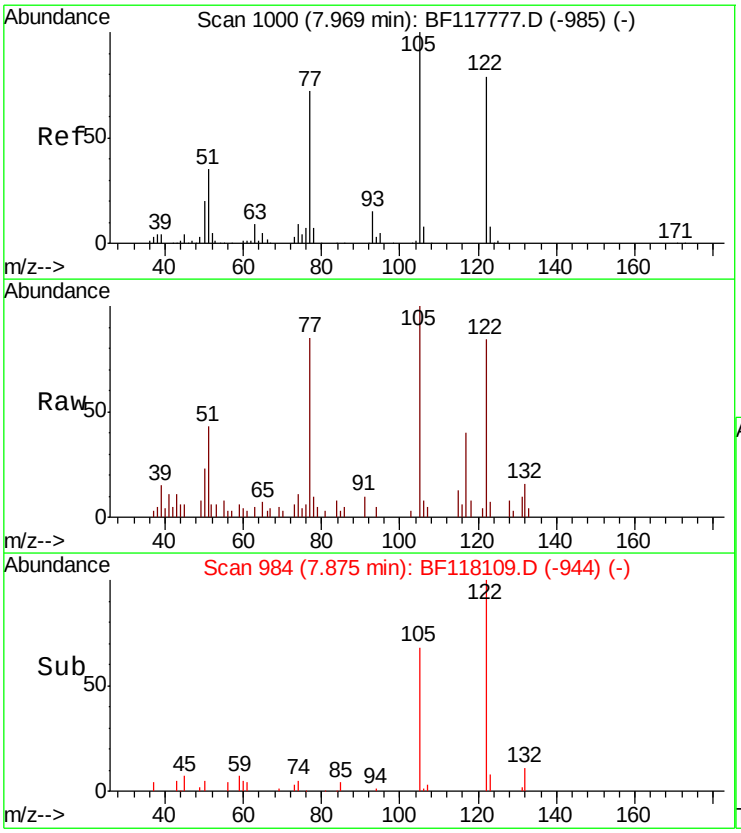
#27
2,4-Dimethylphenol
Concen: 2.544 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.06 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 15056

Ion	Ratio	Lower	Upper
122	100		
107	6.4	92.6	138.8#
121	4.4	46.9	70.3#

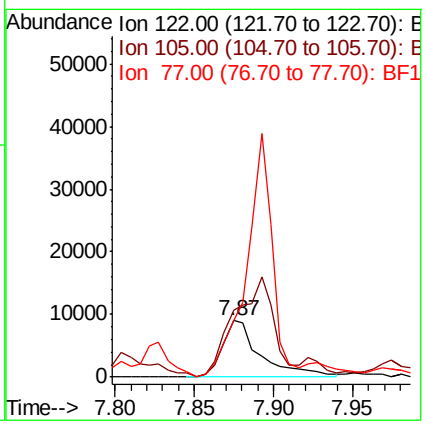


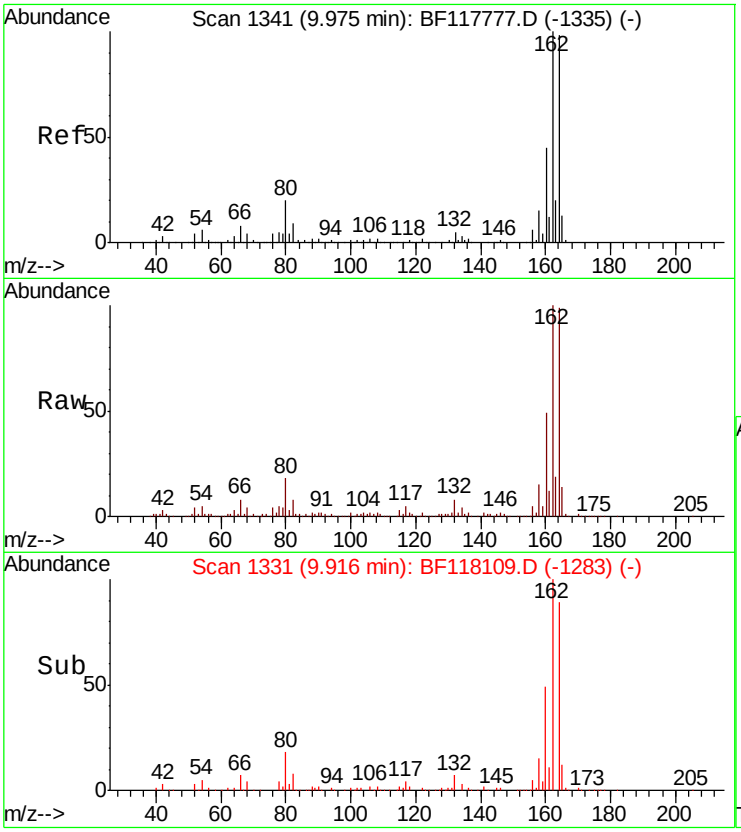


#32
Benzoic acid
Concen: 3.038 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:122 Resp: 15056

Ion	Ratio	Lower	Upper
122	100		
105	119.2	101.4	141.4
77	101.1	66.4	106.4



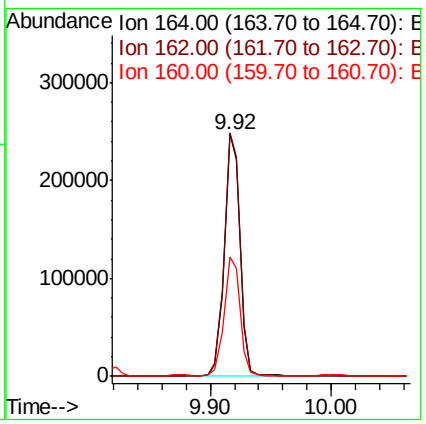


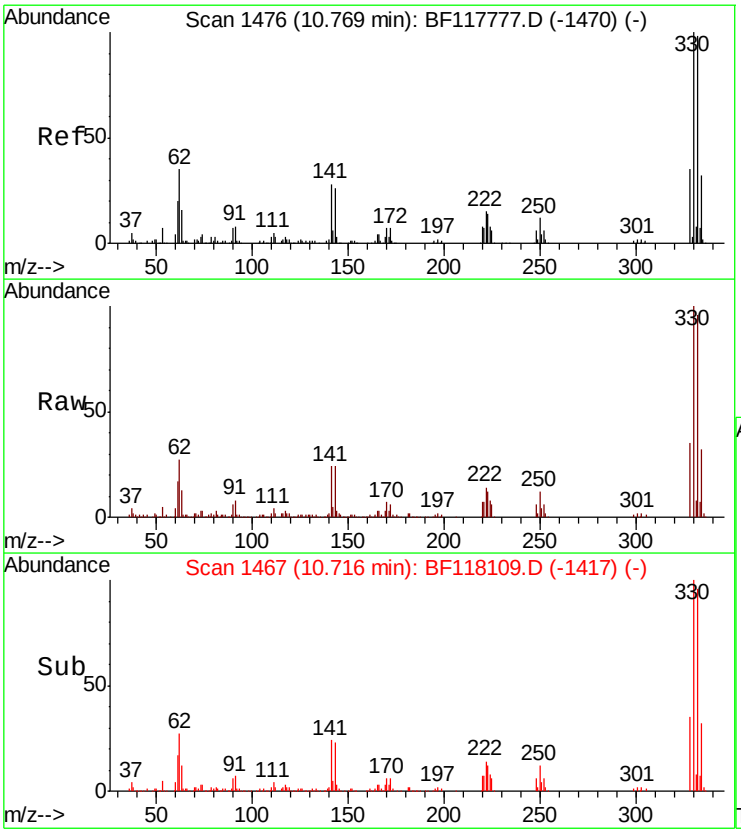
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 222391

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.8	122.8
160	49.5	35.9	53.9

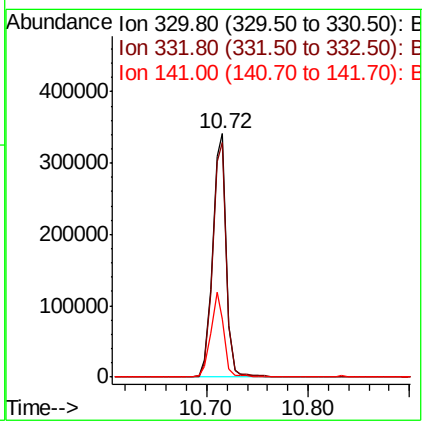


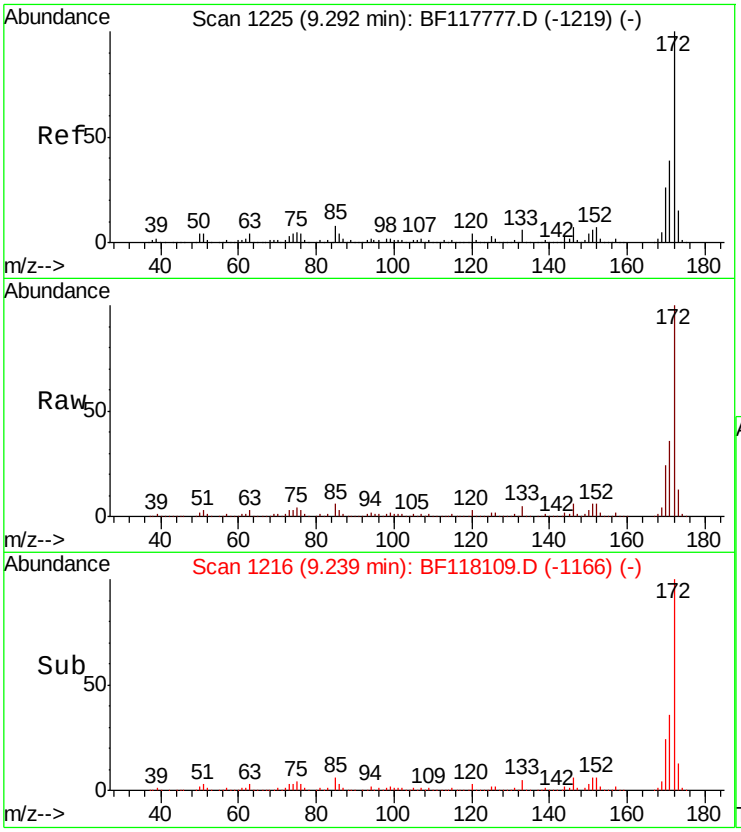


#42
2,4,6-Tribromophenol
Concen: 134.851 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:330 Resp: 317497

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	33.5	26.4	39.6



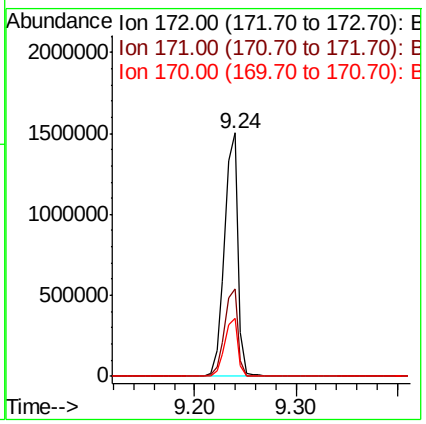


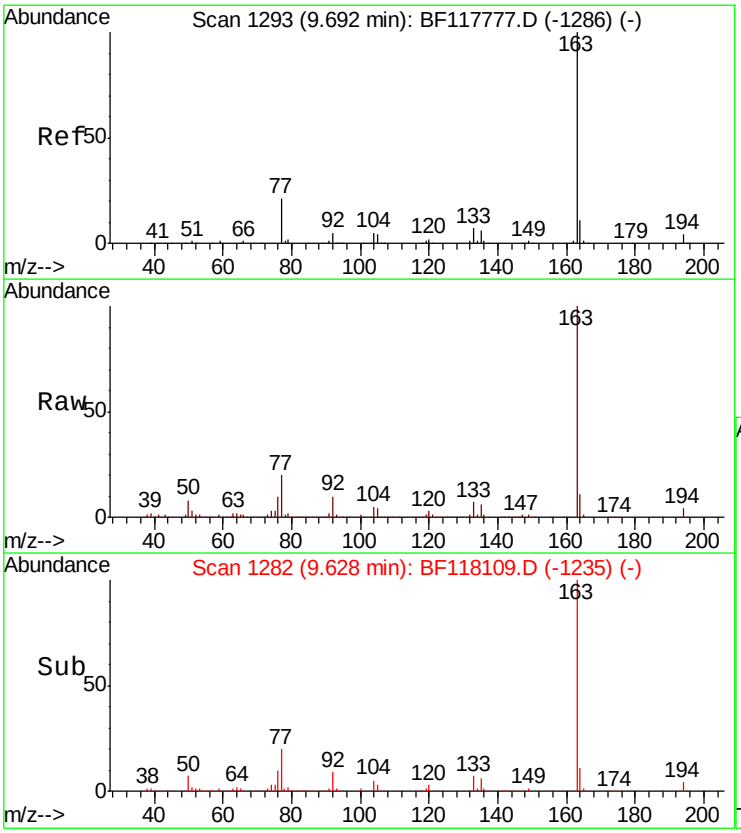
#45
2-Fluorobiphenyl
Concen: 111.930 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1387501

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.8	19.3	28.9

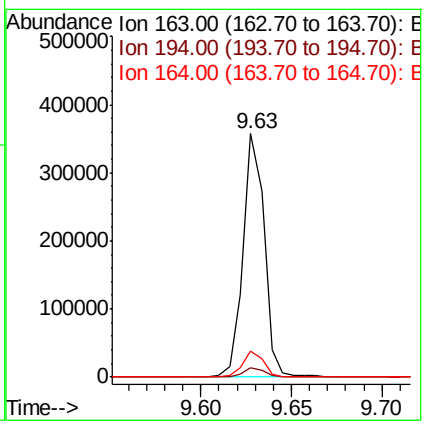


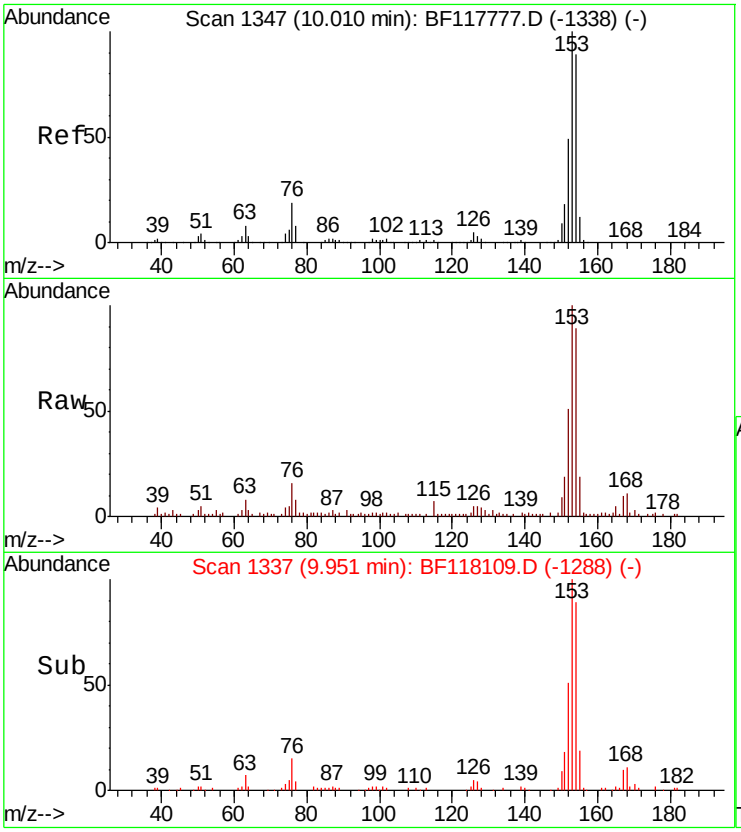


#50
Dimethylphthalate
Concen: 18.637 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:163 Resp: 290650

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.6	7.9	11.9



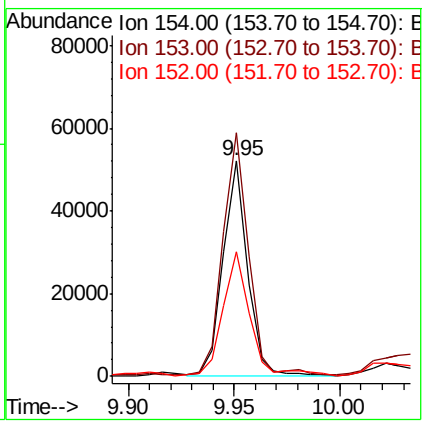


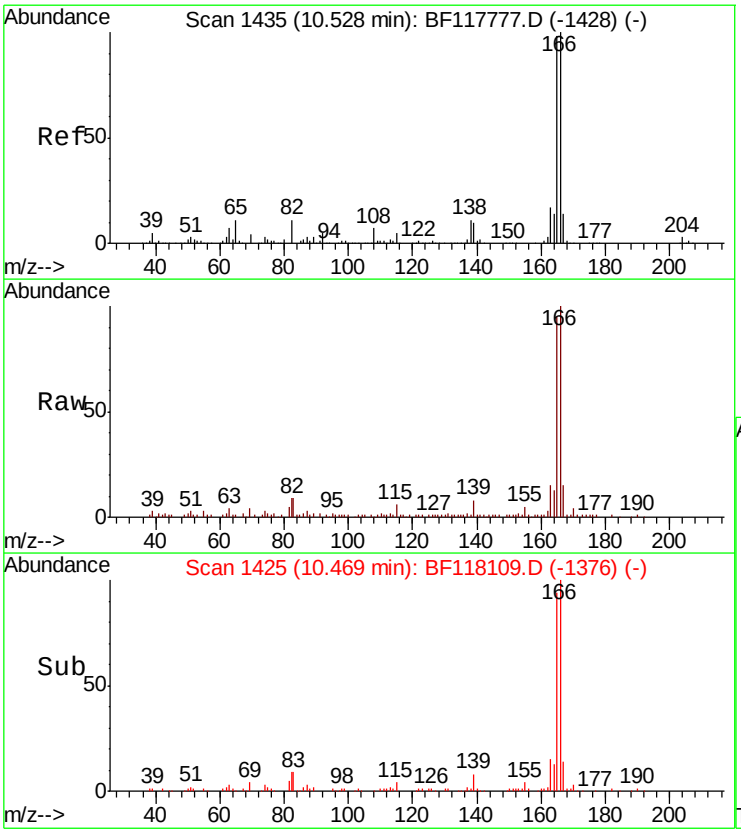
#52
Acenaphthene
Concen: 3.314 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 42009

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	57.9	43.6	65.4

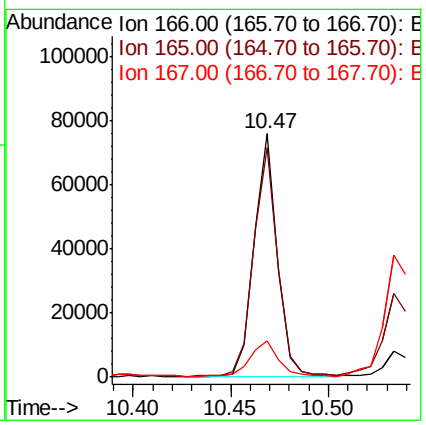


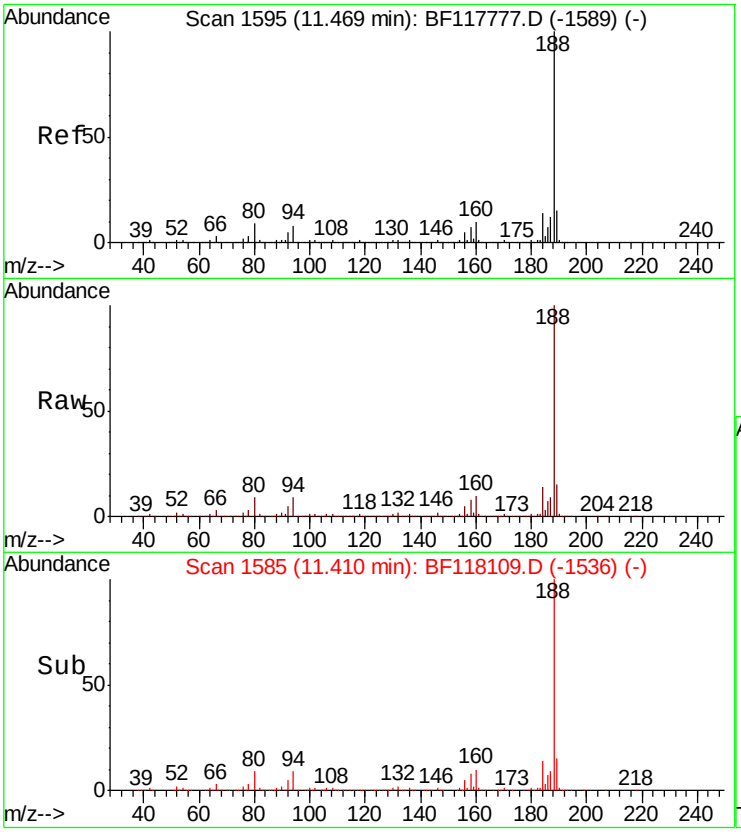


#58
Fluorene
Concen: 4.624 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:166 Resp: 62902

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.4	116.2
167	14.7	10.7	16.1



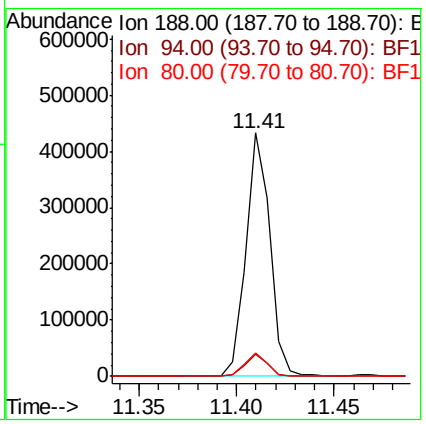


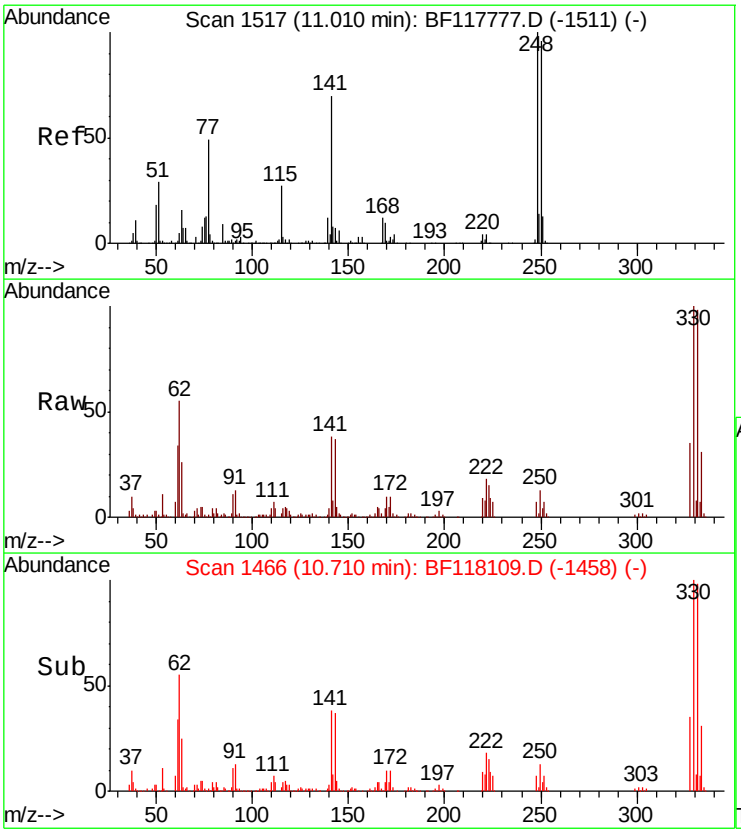
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 368767

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.4	7.2	10.8

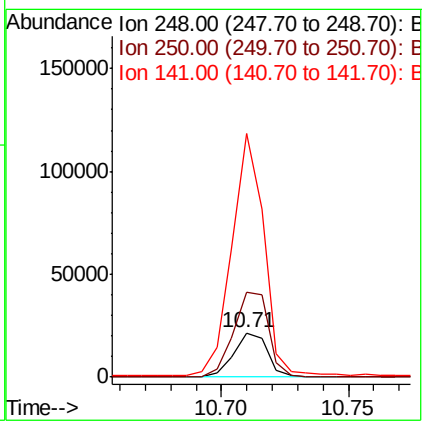


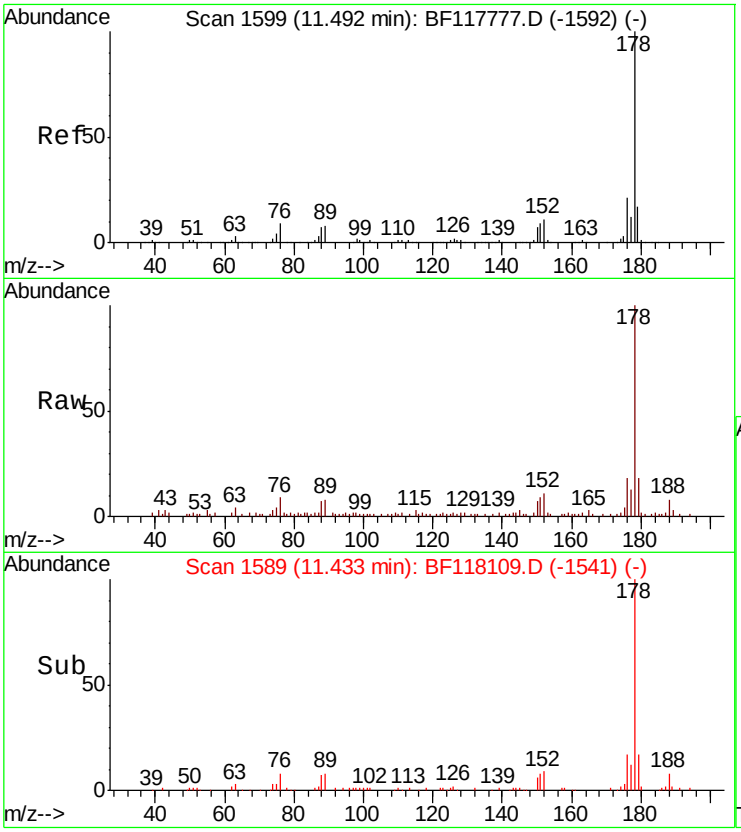


#67
4-Bromophenyl-phenylether
Concen: 4.977 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:248 Resp: 19805

Ion	Ratio	Lower	Upper
248	100		
250	190.6	78.0	117.0#
141	547.7	64.0	96.0#



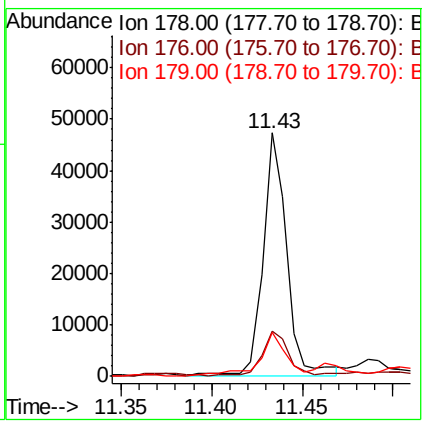


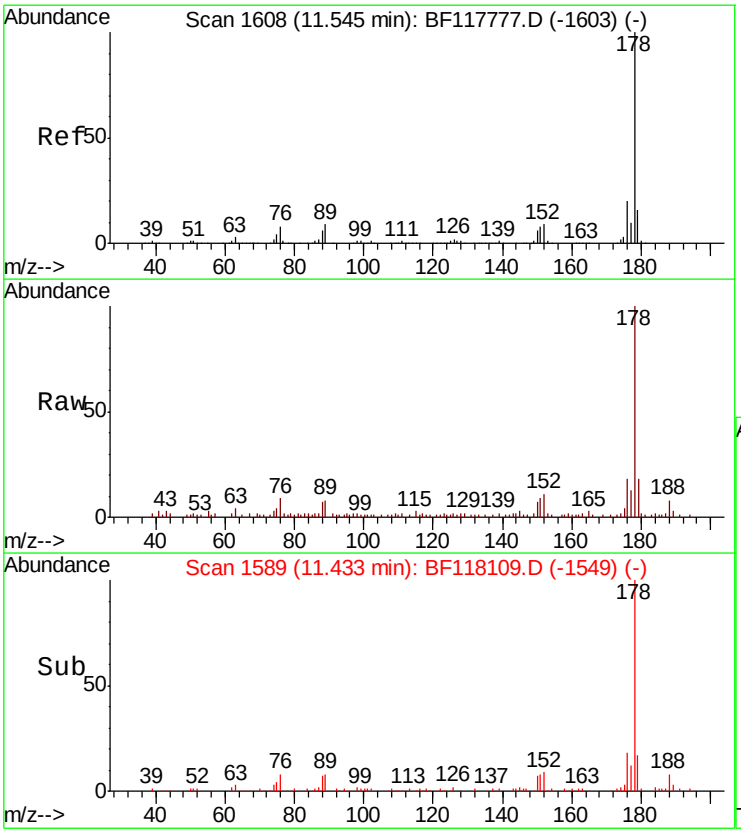
#71
Phenanthrene
Concen: 2.335 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 43286

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	17.9	12.3	18.5

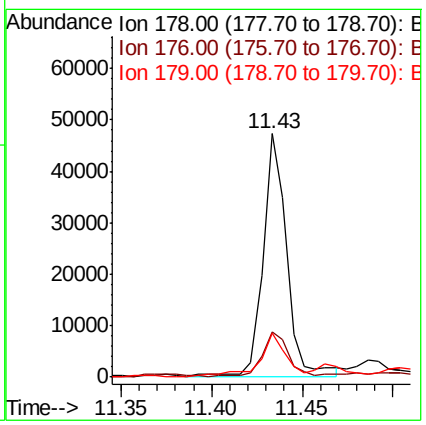


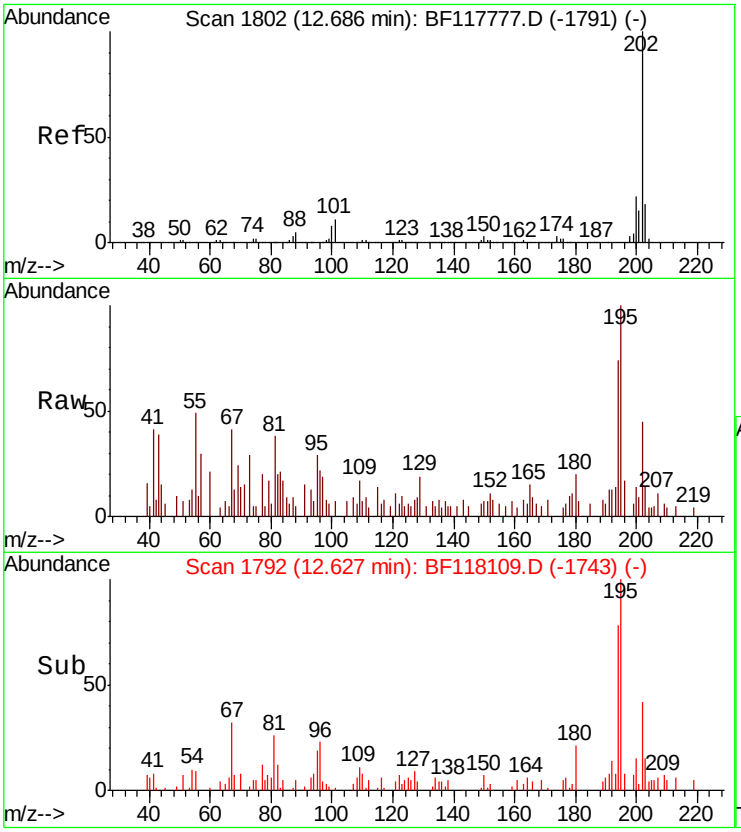


#72
Anthracene
Concen: 2.355 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.06 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:178 Resp: 43286

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	17.9	12.8	19.2



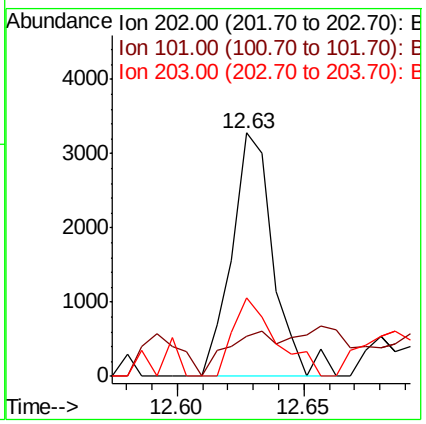


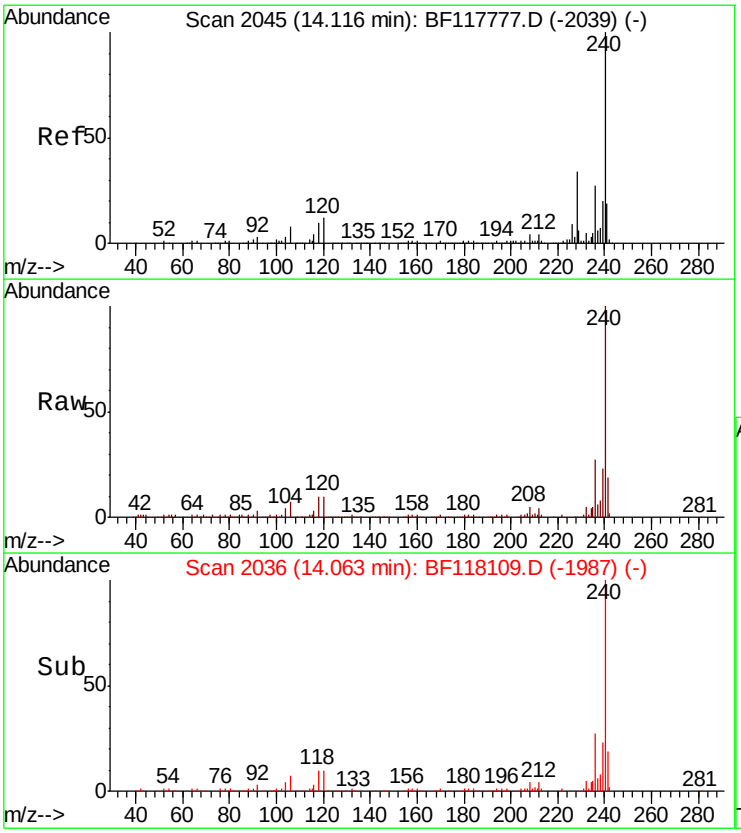
#75
Fluoranthene
Concen: Below Cal
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 3742

Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	31.5
203	32.2	0.0	37.6

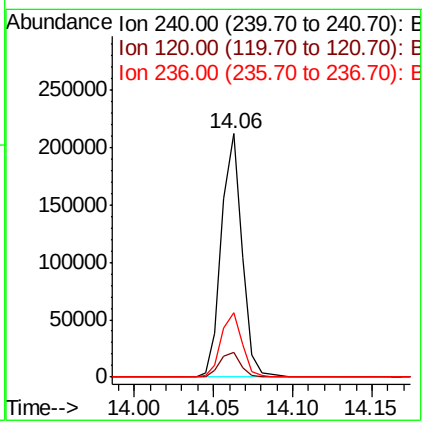


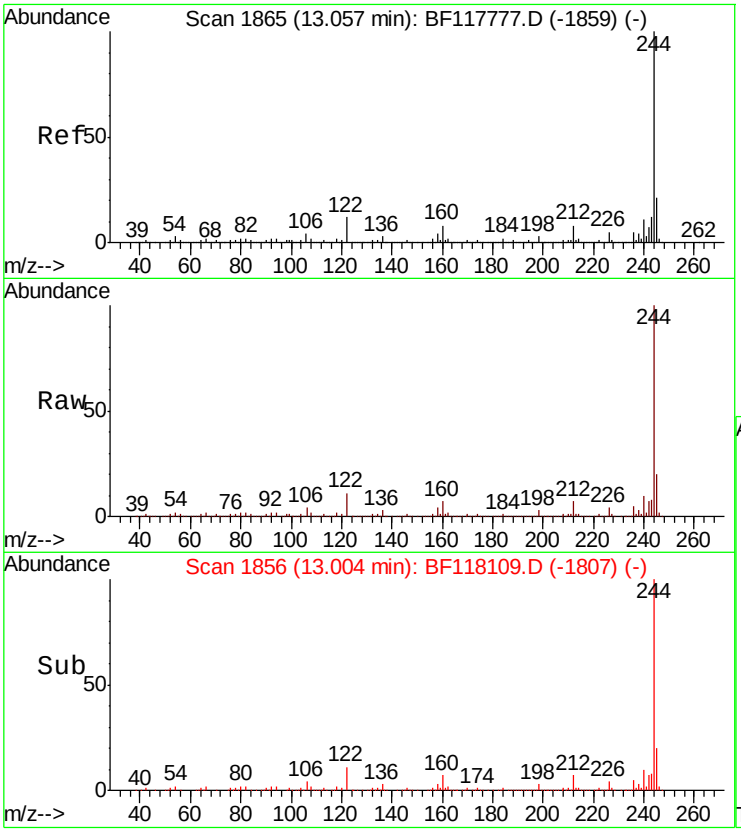


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:240 Resp: 191717

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.5	20.6	31.0



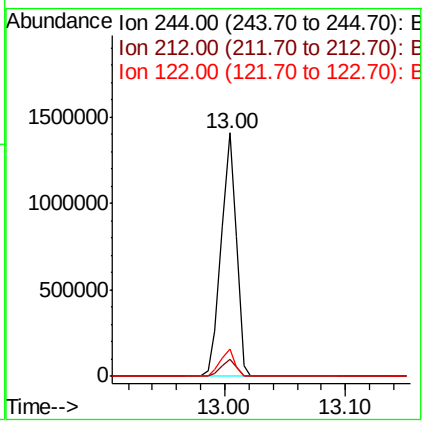


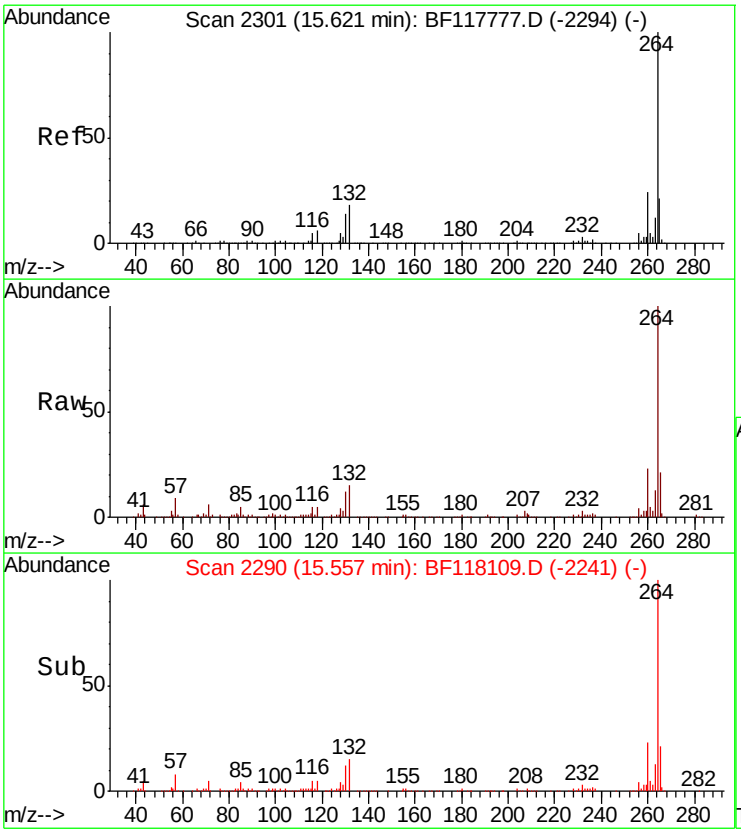
#79
Terphenyl-d14
Concen: 116.357 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1220594

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	11.0	7.2	10.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF118109.D
Acq: 5 Dec 2019 18:05

Tgt Ion:264 Resp: 251378

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.4	16.4	24.6