Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118311.D
Acq On : 26 Dec 2019 12:45
Operator : JU
Sample : K6413-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 27 03:20:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119148	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	498119	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	268826	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	507278	20.00	ng		0.00
76) Chrysene-d12	14.04	240	335808	20.00	ng		-0.01
87) Perylene-d12	15.53	264	351544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	596995	85.53	ng		0.00
7) Phenol-d6	6.47	99	758315	87.58	ng		-0.01
23) Nitrobenzene-d5	7.41	82	438265	50.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	257150	77.46	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	916545	52.04	ng		-0.01
79) Terphenyl-d14	12.98	244	1128171	55.74	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	28687	2.948	ng		81
19) n-Nitroso-di-n-propylamine	7.41	70	59676	11.187	ng	#	76
25) Isophorone	7.41	82	438259	28.874	ng	#	62
50) Dimethylphthalate	9.61	163	79898	3.959	ng		98
51) 2,6-Dinitrotoluene	9.89	165	35453	8.149	ng	#	26
57) 2,4-Dinitrotoluene	9.89	165	35453	6.099	ng	#	29
67) 4-Bromophenyl-phenylether	10.69	248	16131	2.717	ng	#	1
75) Fluoranthene	12.61	202	80879	2.898	ng		99
78) Pyrene	12.84	202	82204	2.998	ng		96
88) Benzo(b)fluoranthene	15.09	252	52830	2.264	ng	#	91
89) Benzo(k)fluoranthene	15.09	252	52830	2.358	ng	#	92

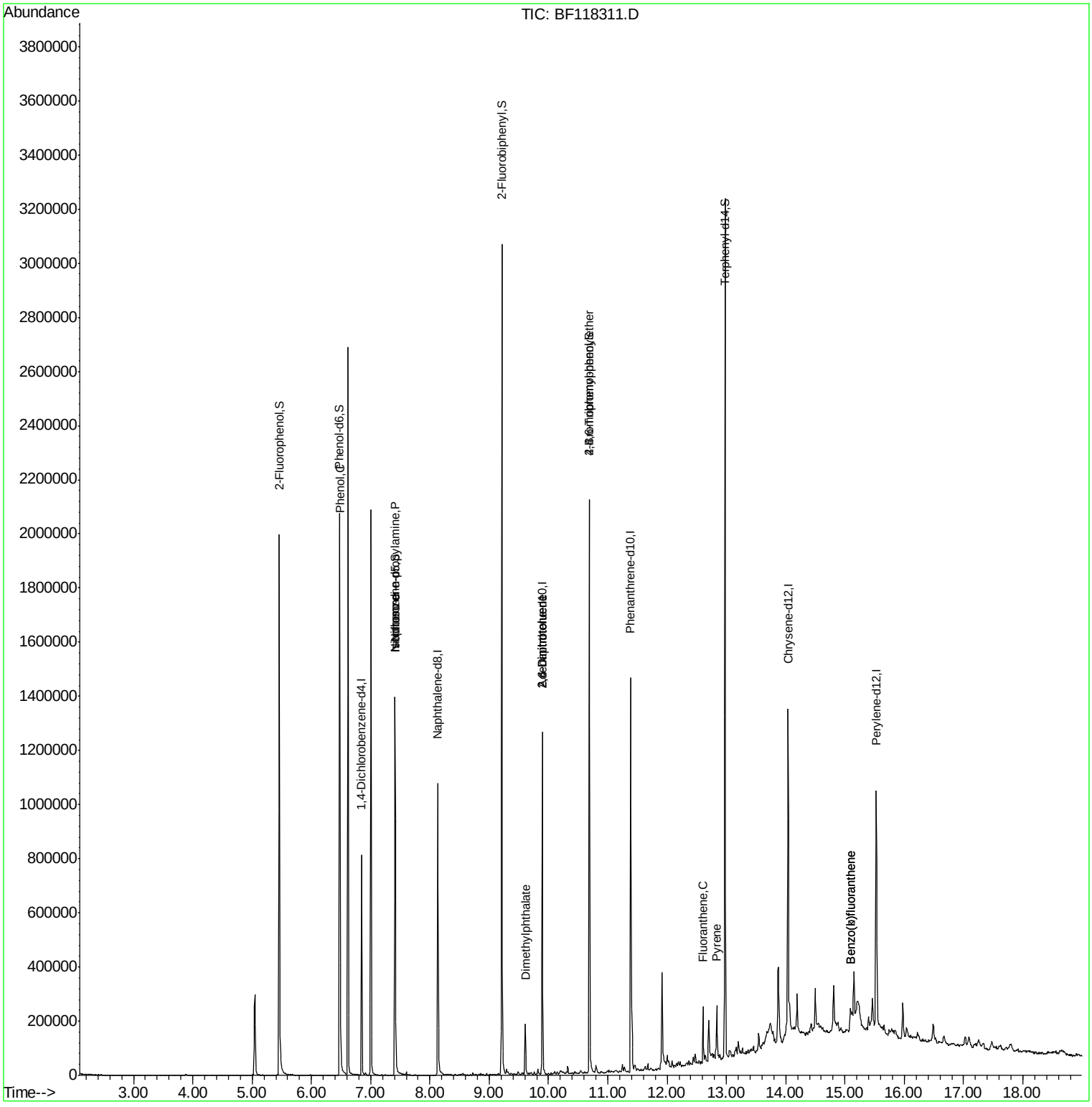
(#) = qualifier out of range (m) = manual integration (+) = signals summed

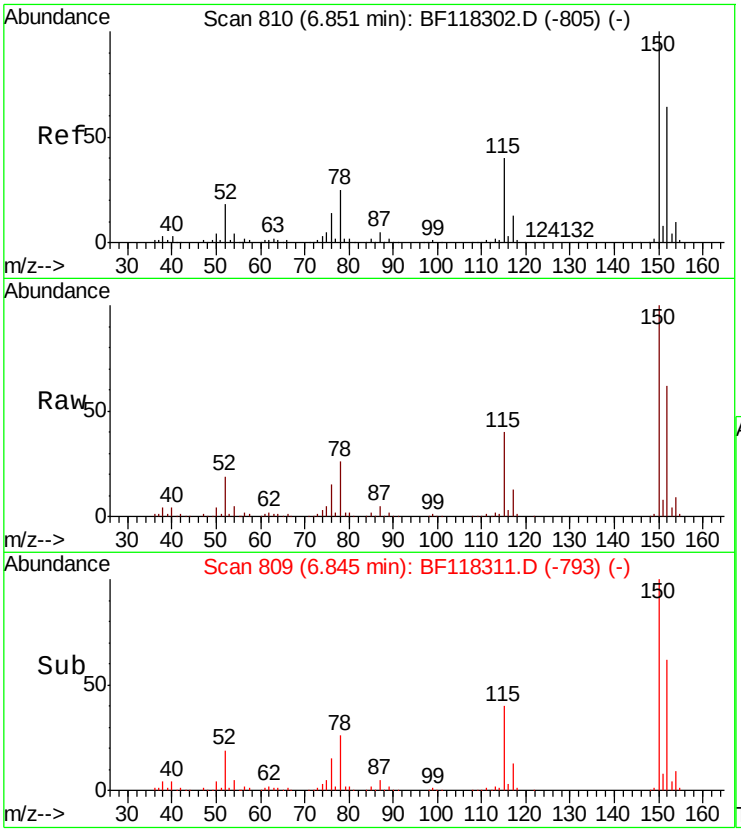
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118311.D
Acq On : 26 Dec 2019 12:45
Operator : JU
Sample : K6413-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 03:20:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



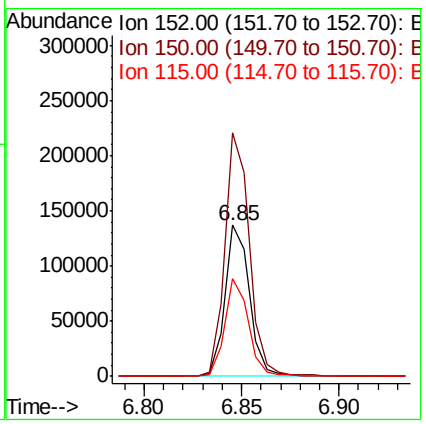


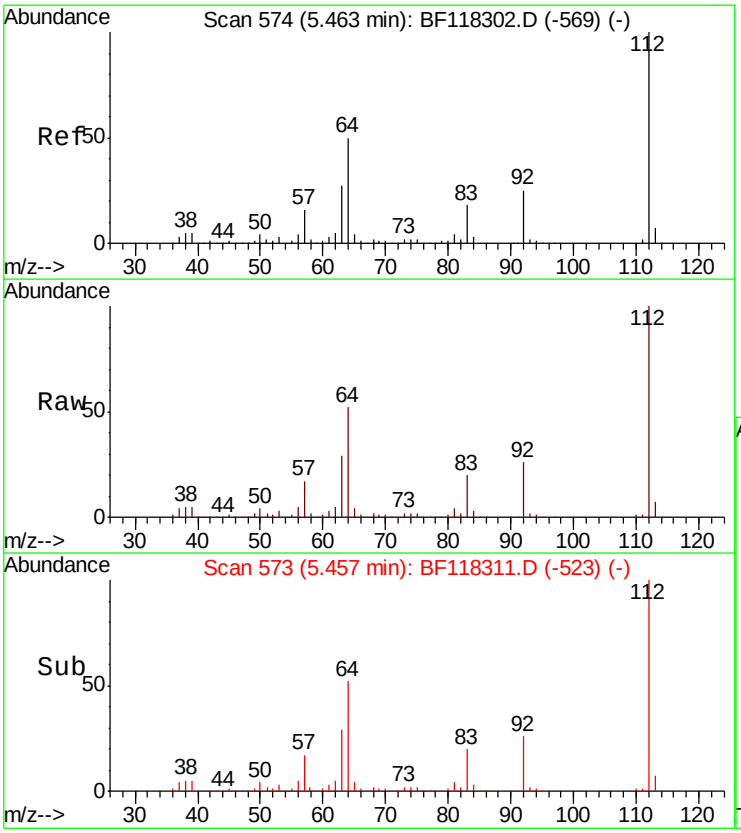
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119148

Ion	Ratio	Lower	Upper
152	100		
150	161.2	125.4	188.2
115	64.7	50.2	75.4

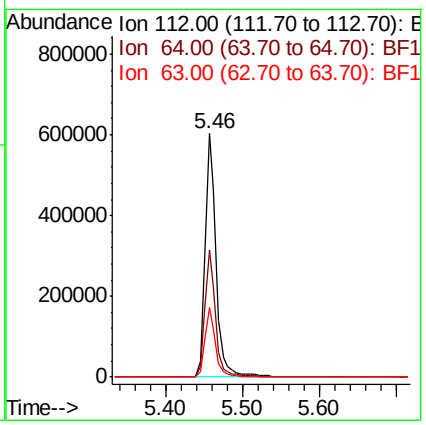


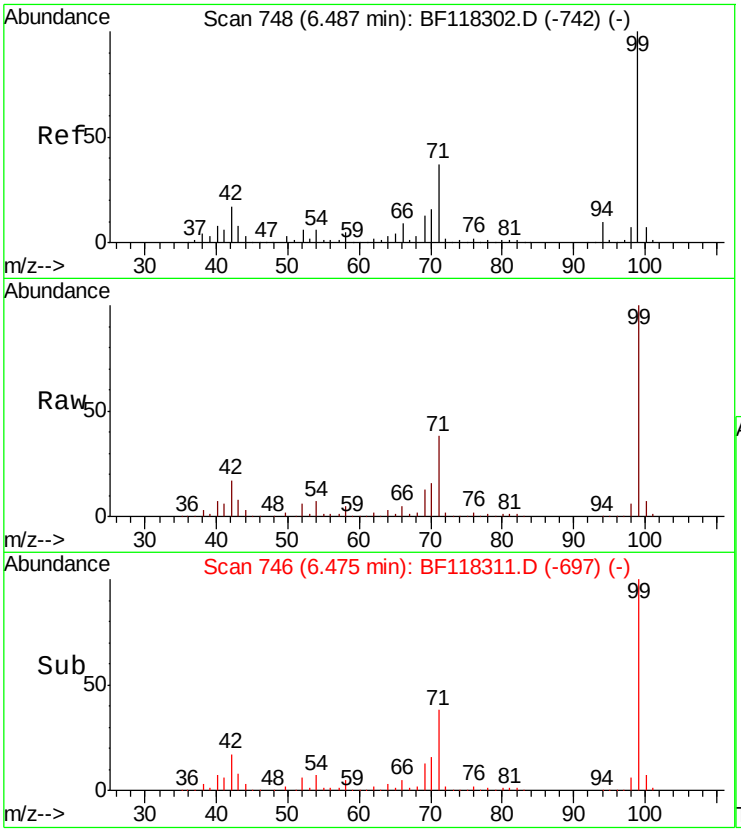


#5
2-Fluorophenol
Concen: 85.529 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:112 Resp: 596995

Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.7	59.5
63	28.7	21.7	32.5



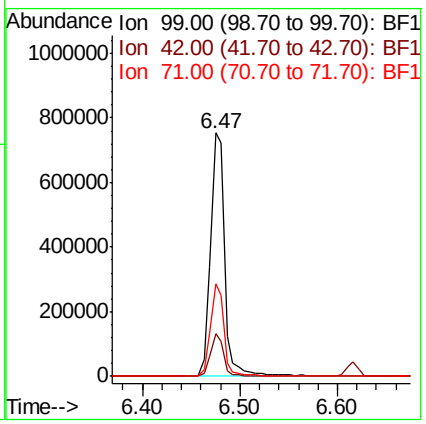


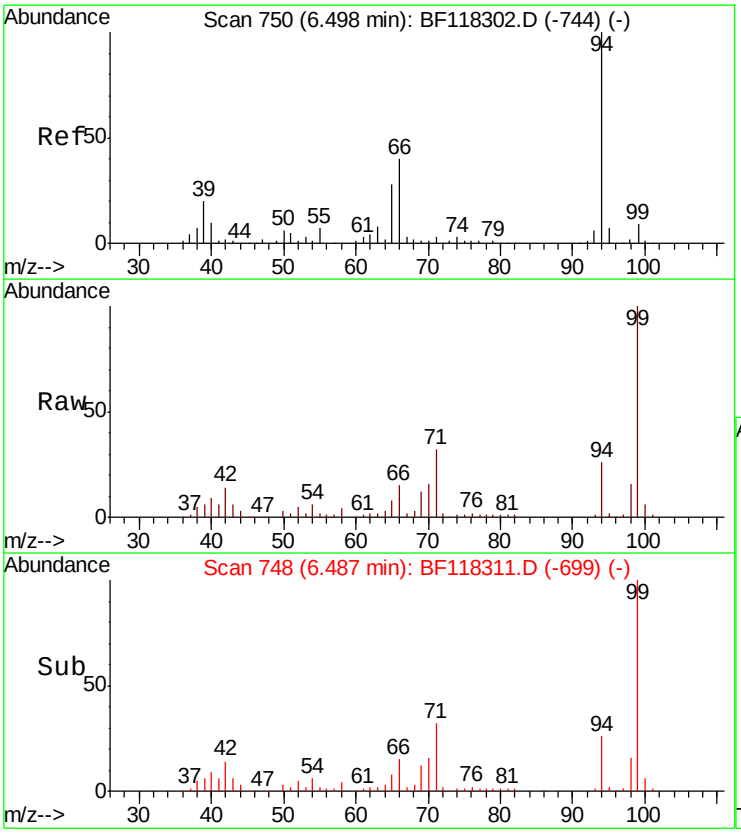
#7
Phenol-d6
Concen: 87.577 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 758315

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	37.9	29.4	44.2

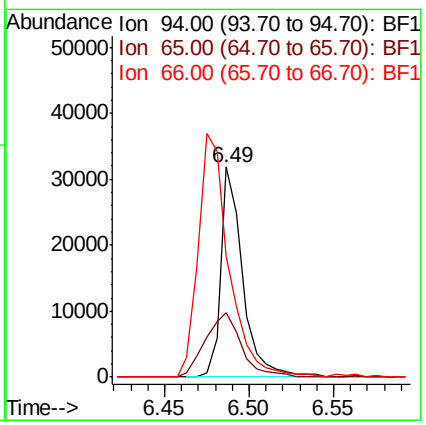


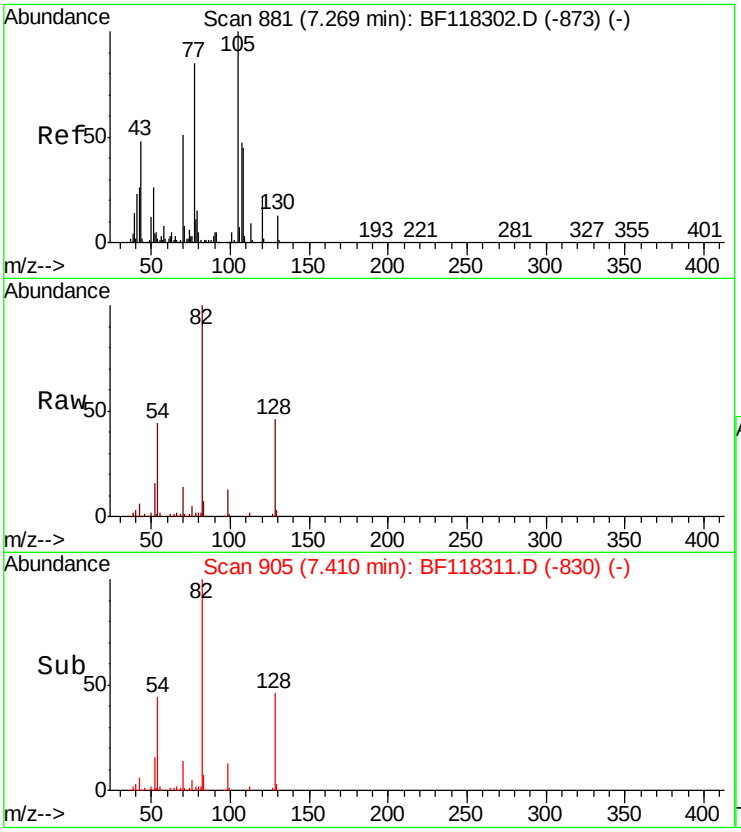


#10
Phenol
Concen: 2.948 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion: 94 Resp: 28687

Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.8	47.8
66	57.6	20.4	60.4



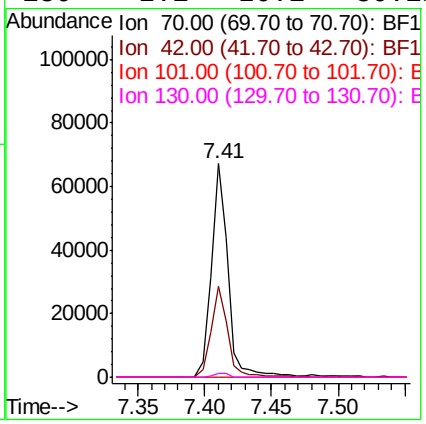


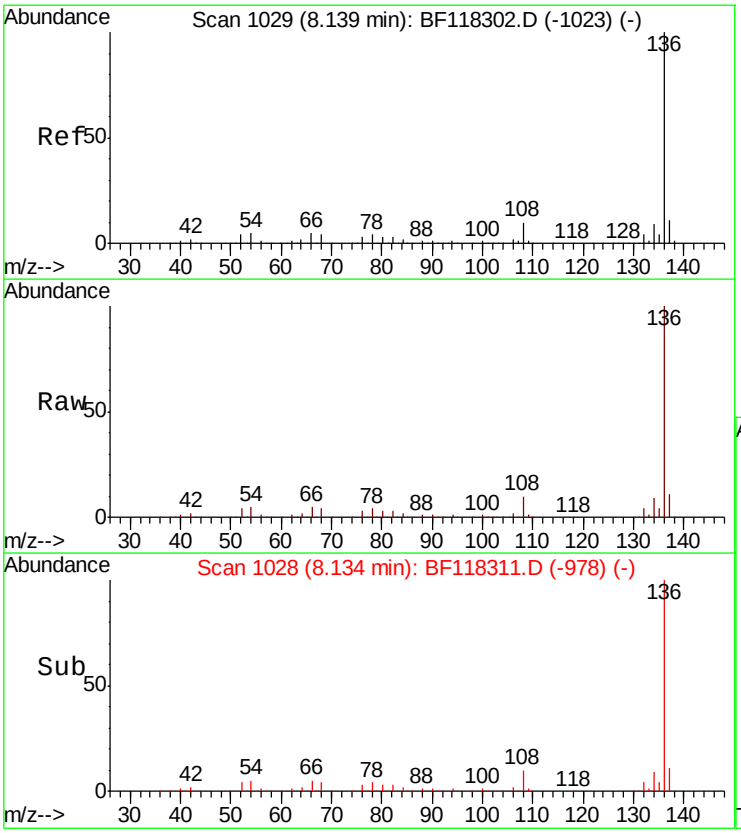
#19
n-Nitroso-di-n-propylamine
Concen: 11.187 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59676

Ion	Ratio	Lower	Upper
70	100		
42	42.3	41.1	61.7
101	0.0	8.3	12.5#
130	2.1	20.1	30.1#

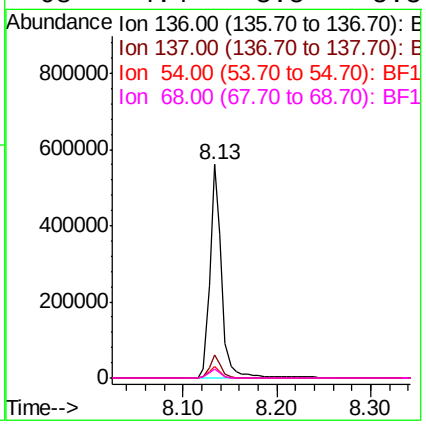


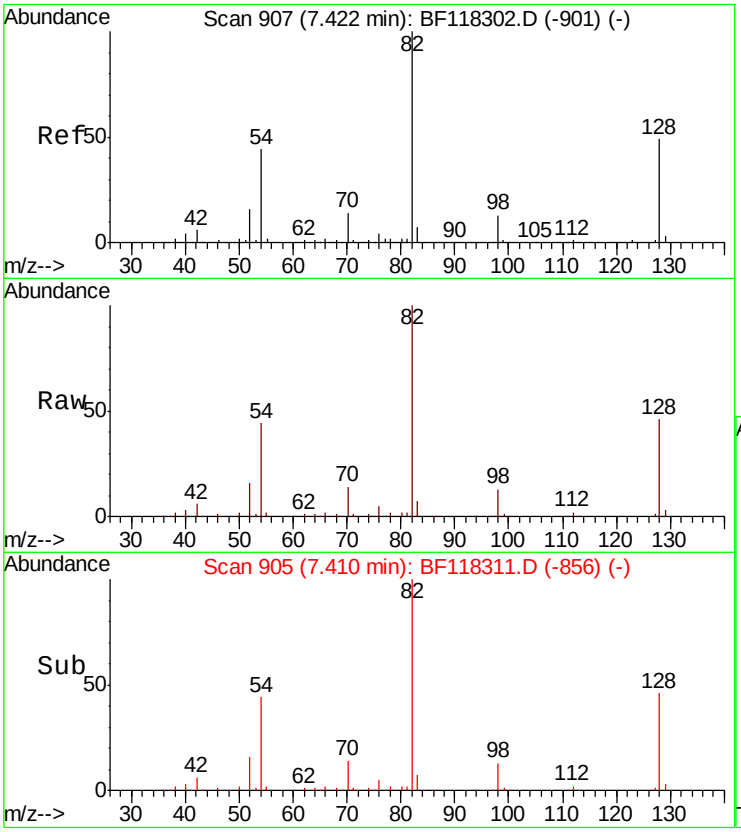


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:136 Resp: 498119

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.5	4.2	6.4
68	4.4	3.5	5.3



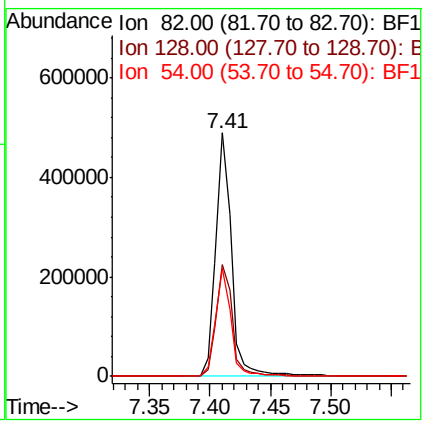


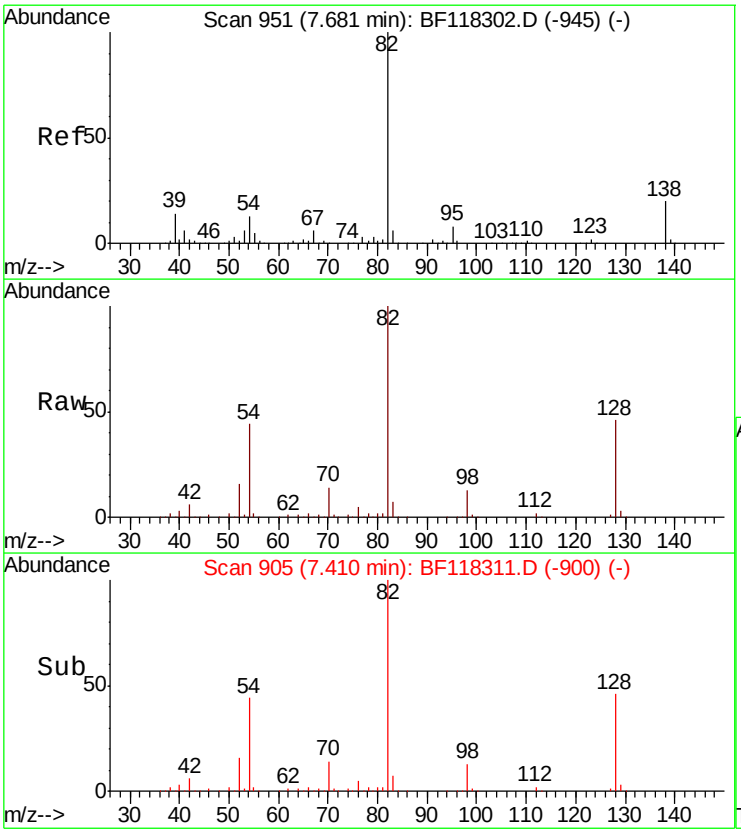
#23
Nitrobenzene-d5
Concen: 50.322 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 438265

Ion	Ratio	Lower	Upper
82	100		
128	46.0	39.6	59.4
54	44.1	34.9	52.3

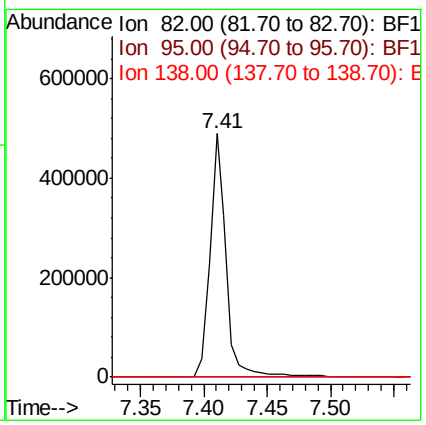


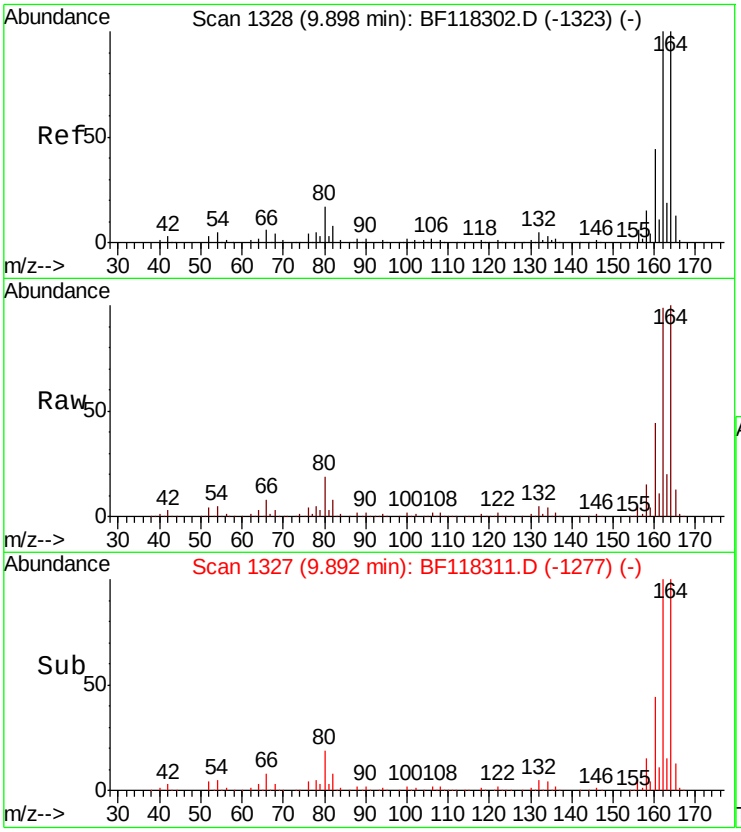


#25
Isophorone
Concen: 28.874 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion: 82 Resp: 438259

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



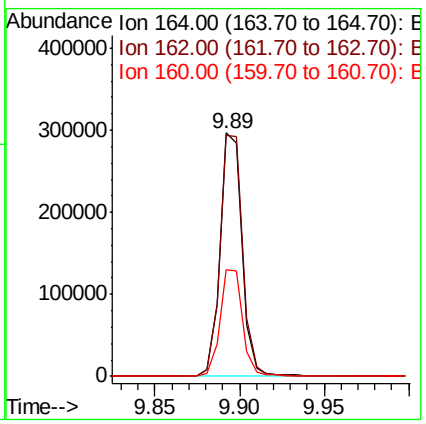


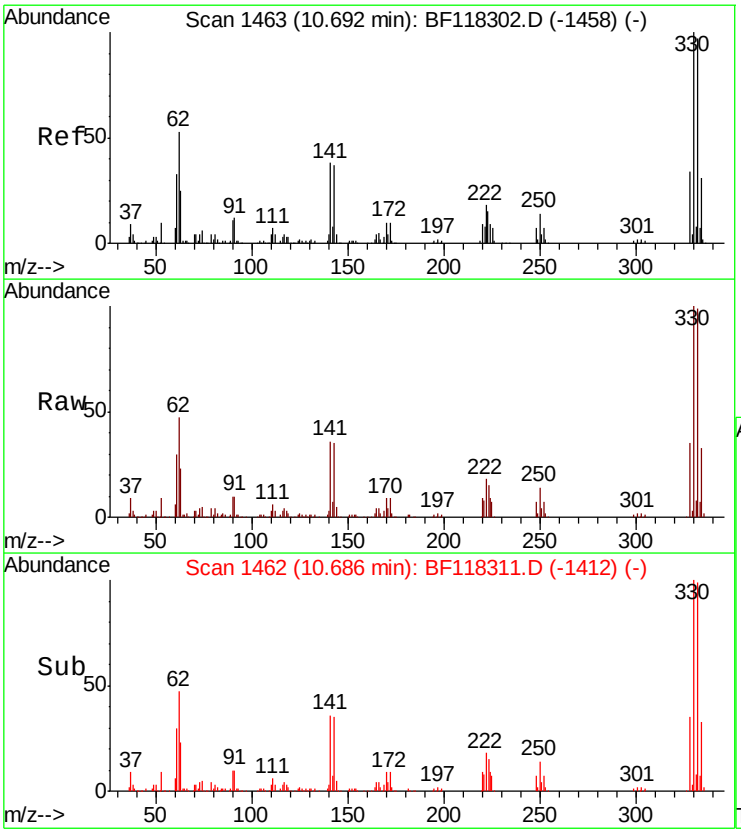
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 268826

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.0	120.0
160	43.8	34.8	52.2

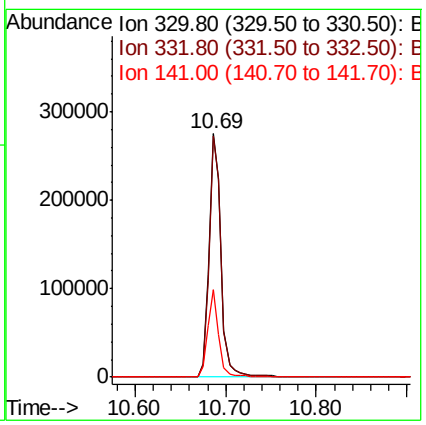


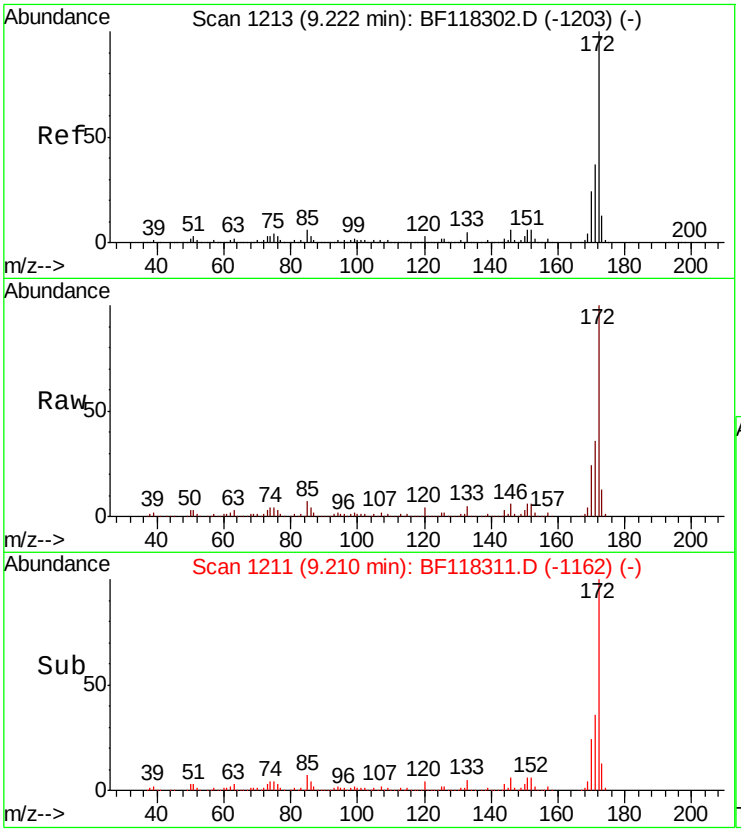


#42
2,4,6-Tribromophenol
Concen: 77.459 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:330 Resp: 257150

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	33.2	26.0	39.0



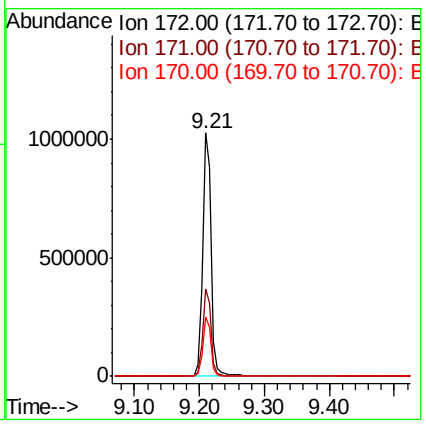


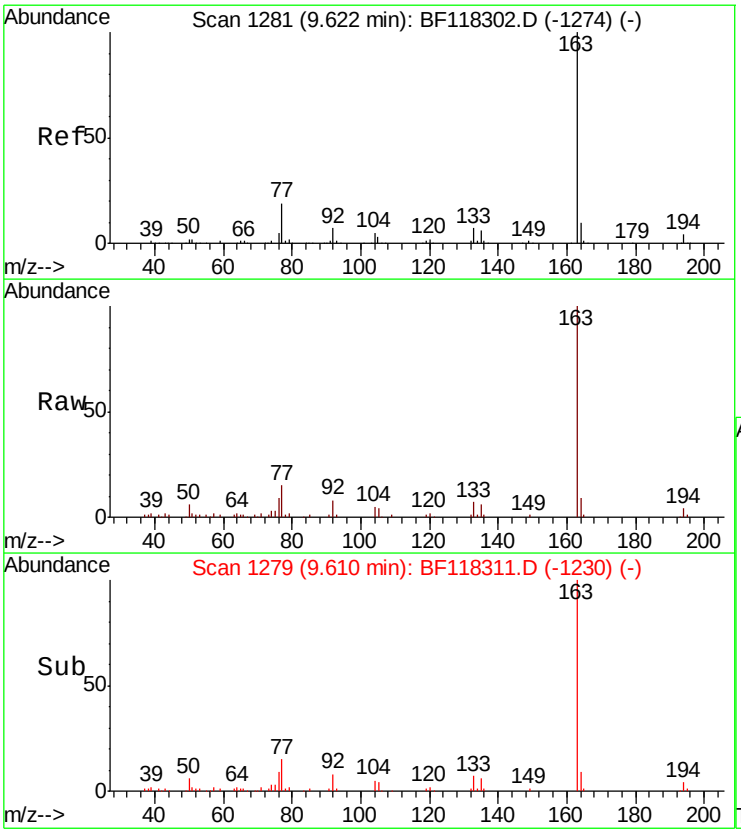
#45
2-Fluorobiphenyl
Concen: 52.044 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 916545

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	24.4	19.2	28.8

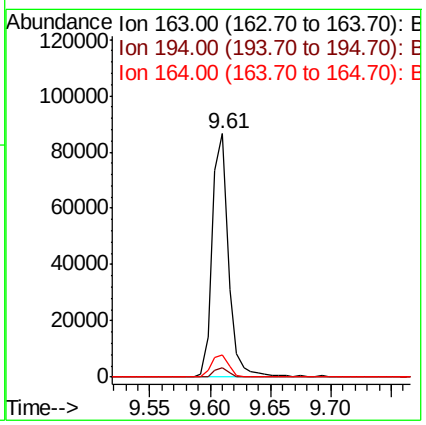


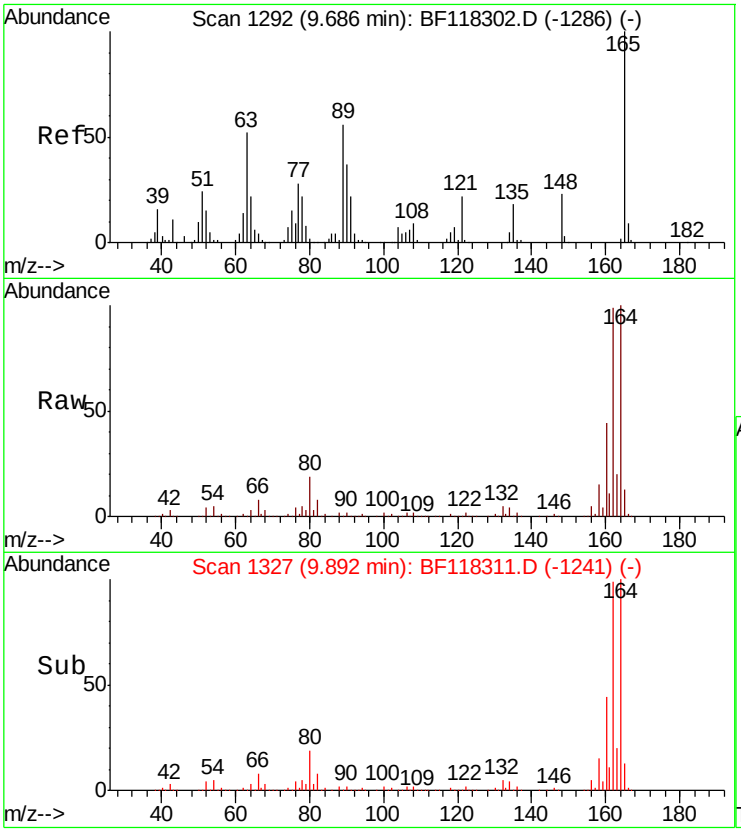


#50
Dimethylphthalate
Concen: 3.959 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:163 Resp: 79898

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.1	7.9	11.9



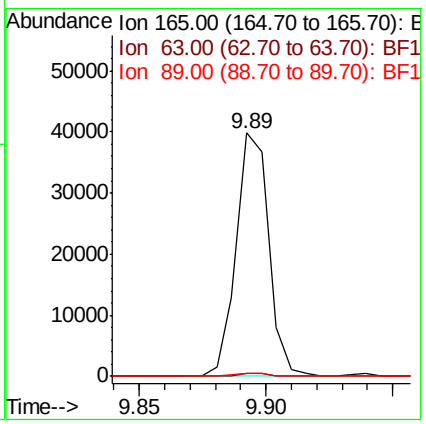


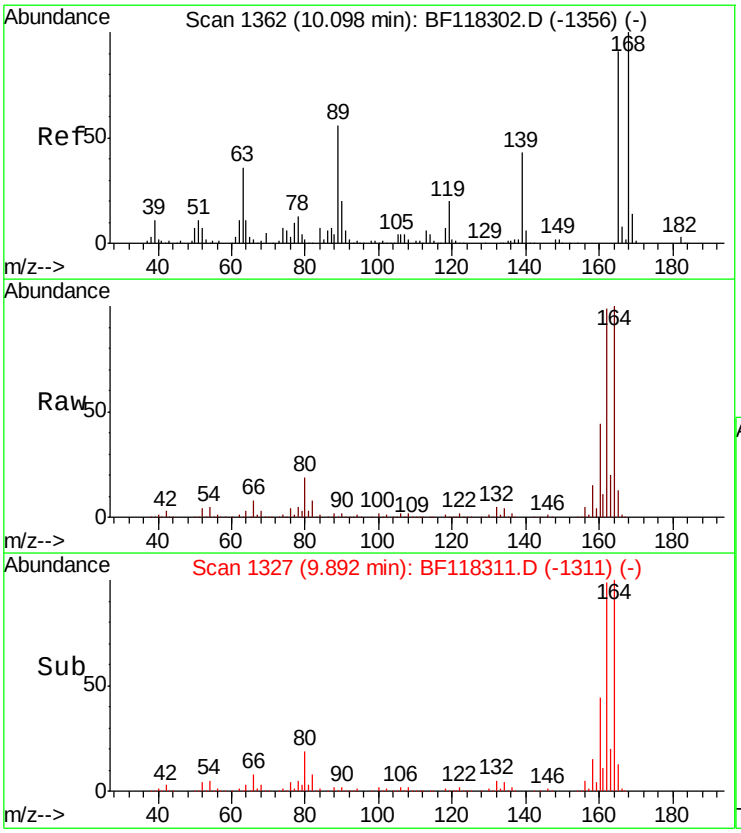
#51
2,6-Dinitrotoluene
Concen: 8.149 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35453

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.4#
89	1.0	44.4	66.6#

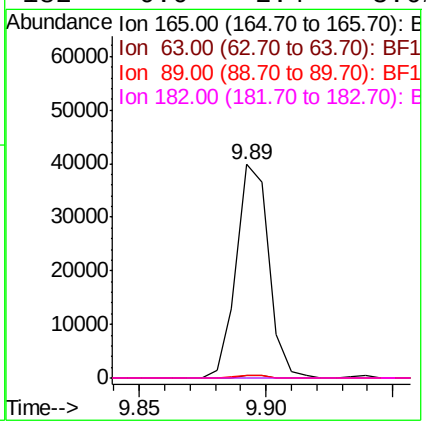


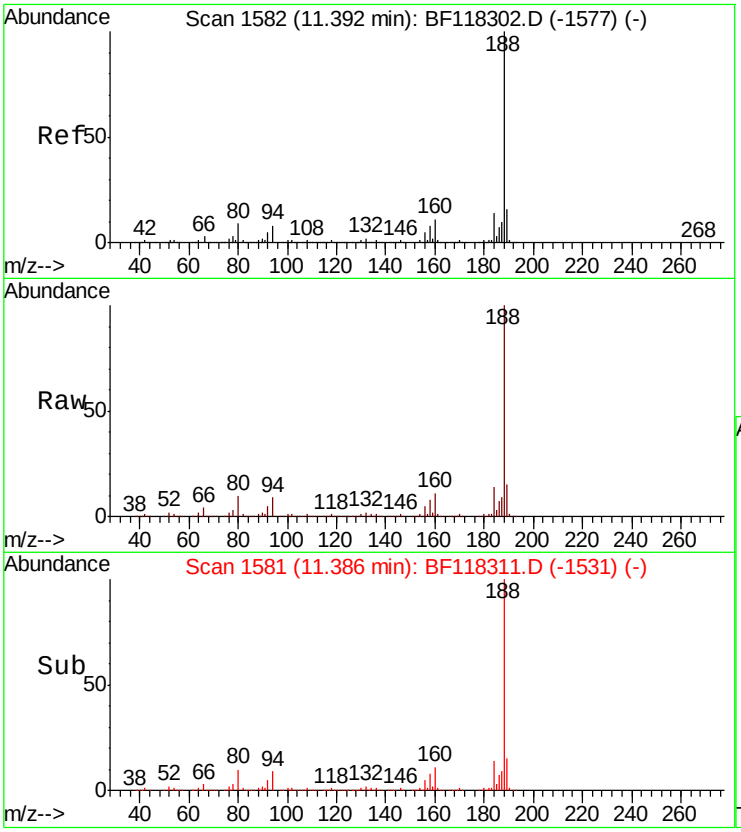


#57
2,4-Dinitrotoluene
Concen: 6.099 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:165 Resp: 35453

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.0	48.0#
89	1.0	49.3	73.9#
182	0.0	2.4	3.6#



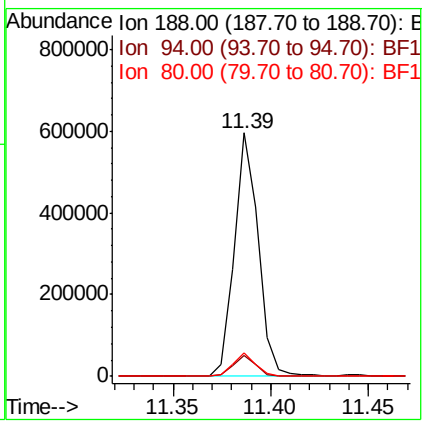


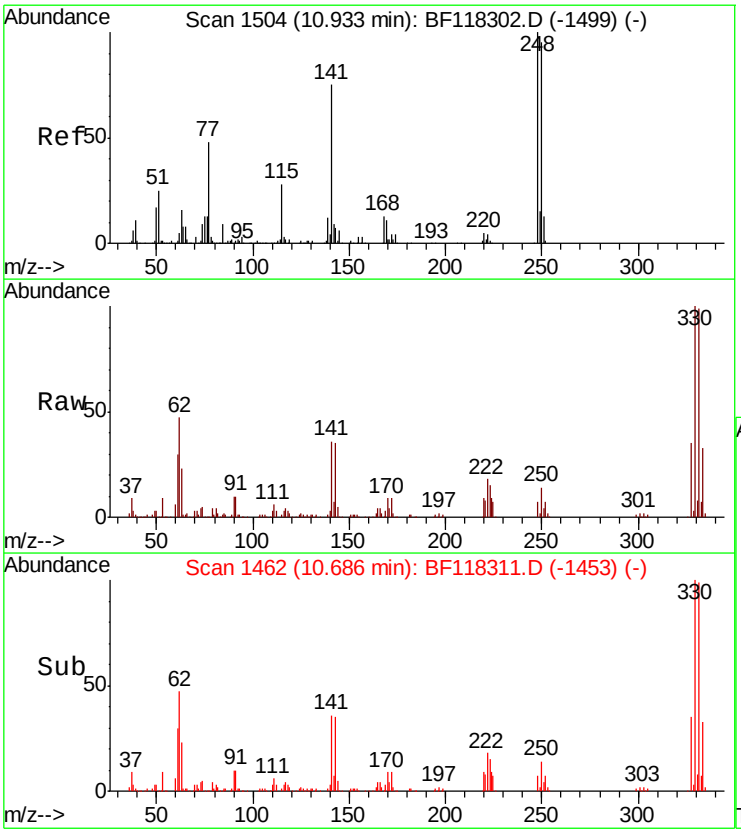
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 507278

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.7	7.2	10.8

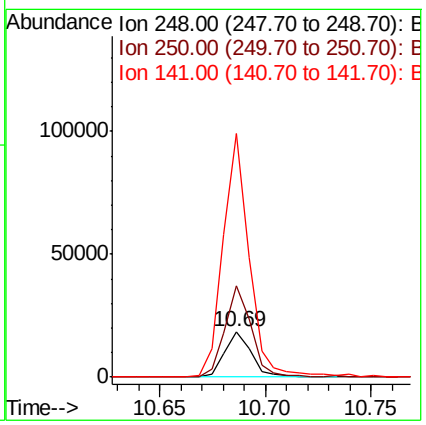


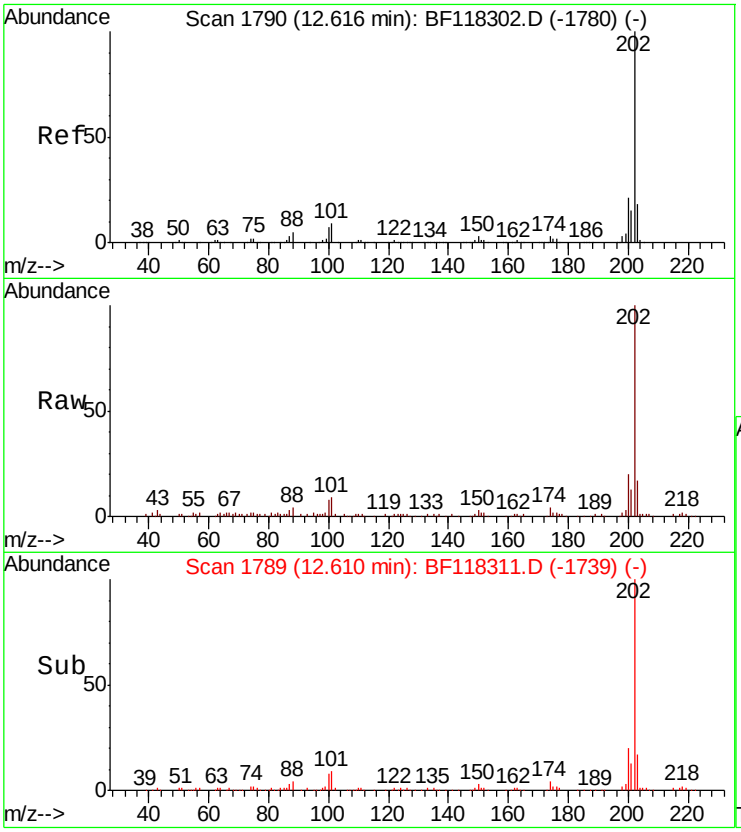


#67
4-Bromophenyl-phenylether
Concen: 2.717 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:248 Resp: 16131

Ion	Ratio	Lower	Upper
248	100		
250	201.7	76.4	114.6#
141	536.6	60.2	90.2#



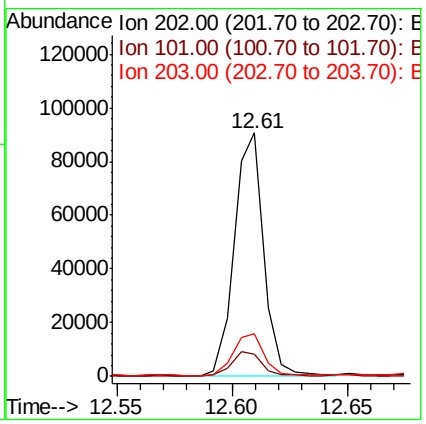


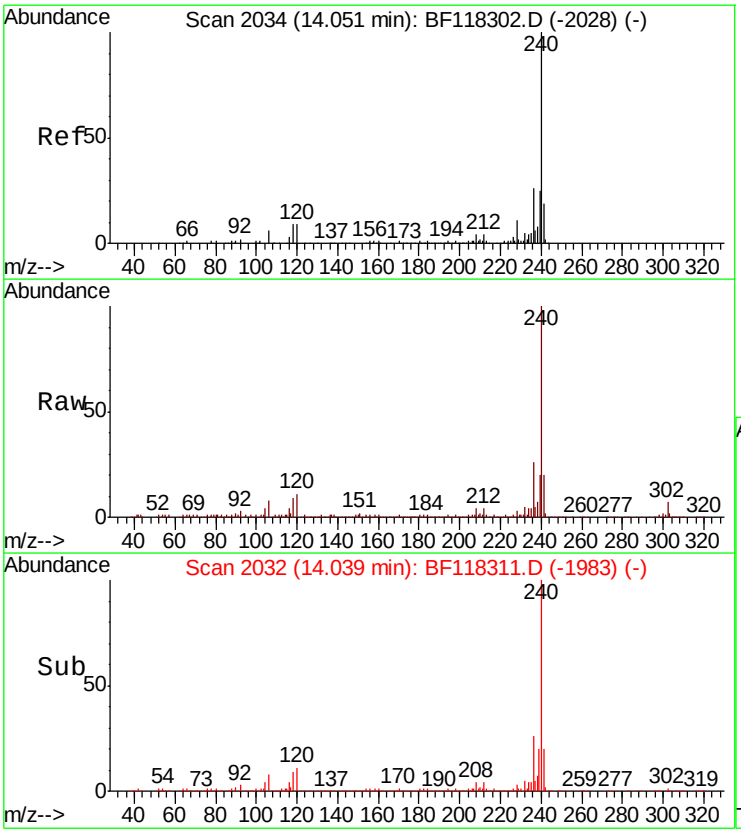
#75
Fluoranthene
Concen: 2.898 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 80879

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.5
203	17.4	0.0	37.6

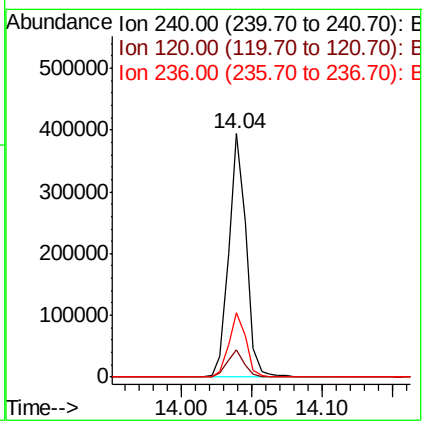


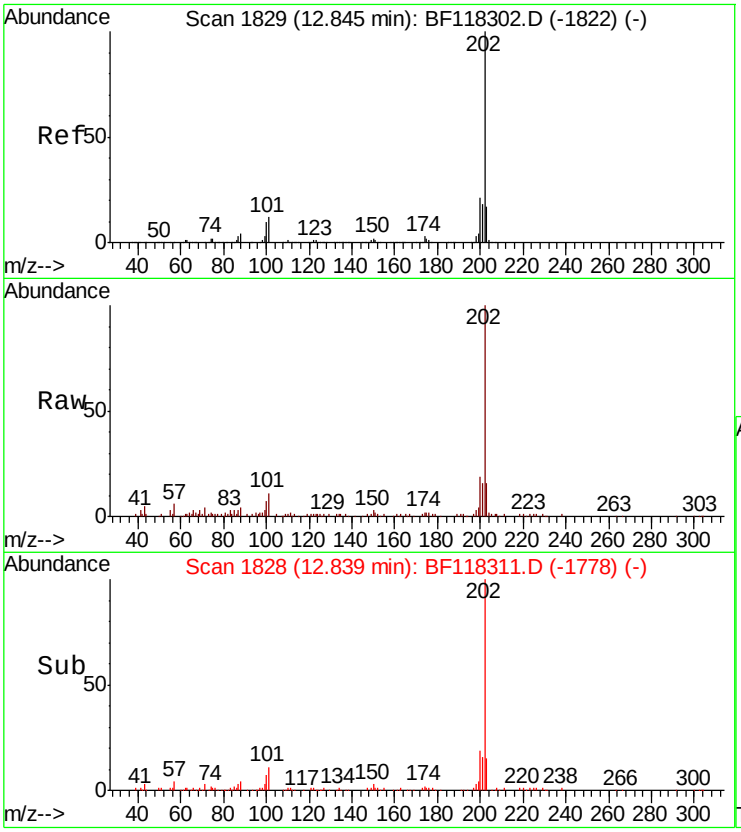


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:240 Resp: 335808

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.1	10.7#
236	26.2	21.0	31.6



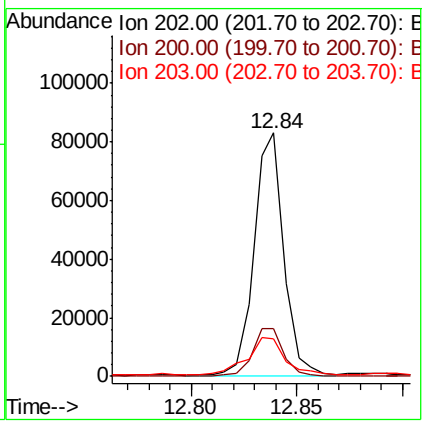


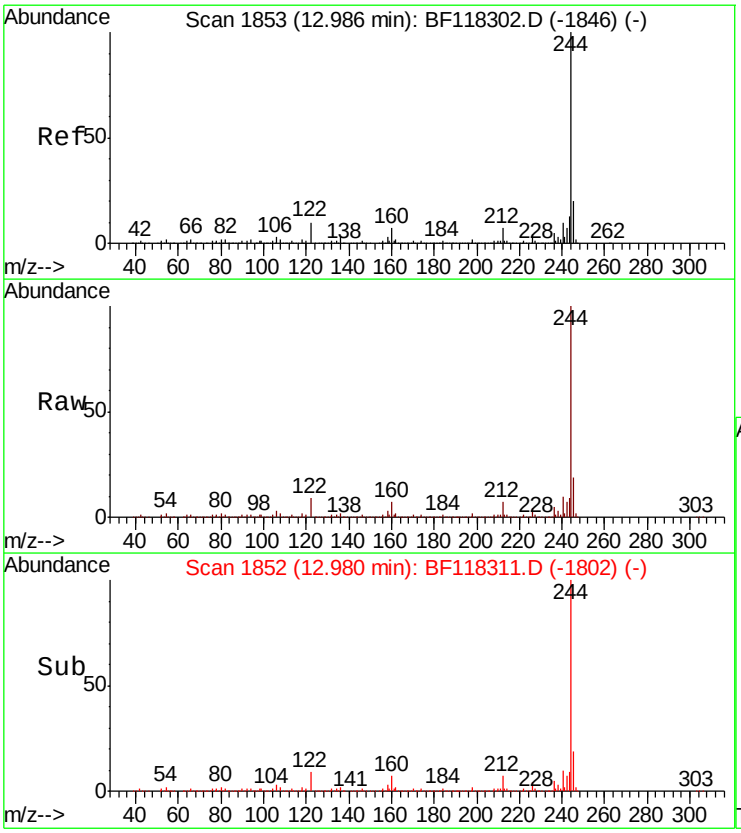
#78
Pyrene
Concen: 2.998 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 82204

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.8	25.2
203	15.6	13.9	20.9

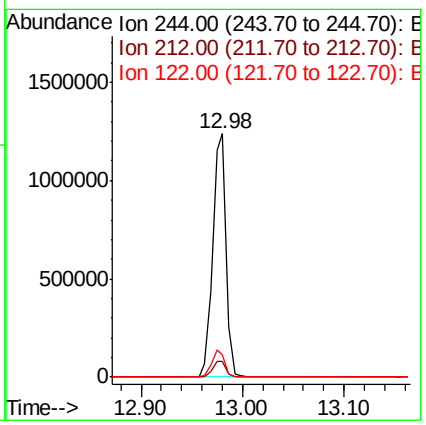


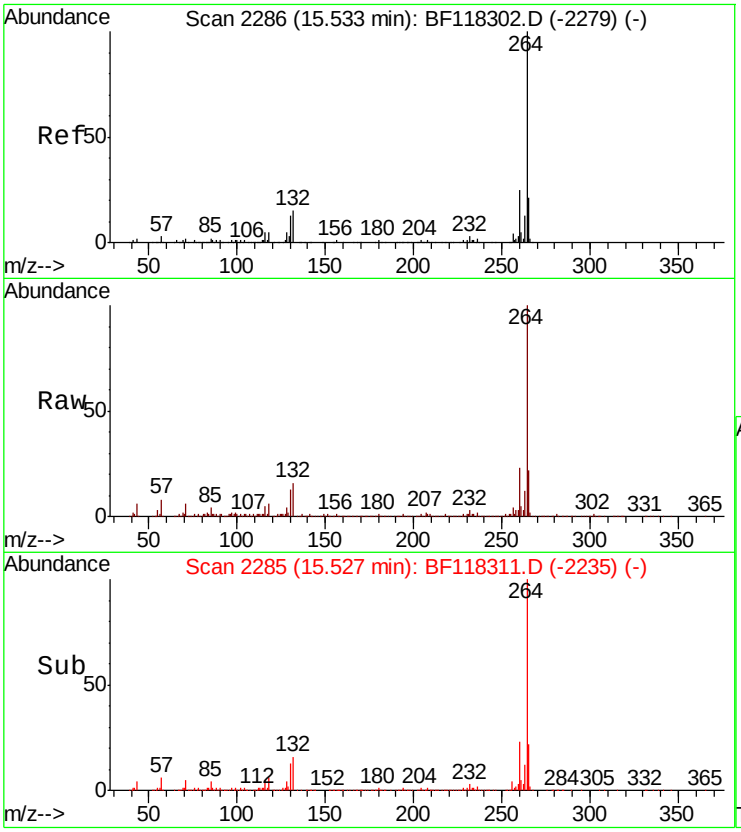


#79
Terphenyl-d14
Concen: 55.736 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:244 Resp: 1128171

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	8.9	7.8	11.8



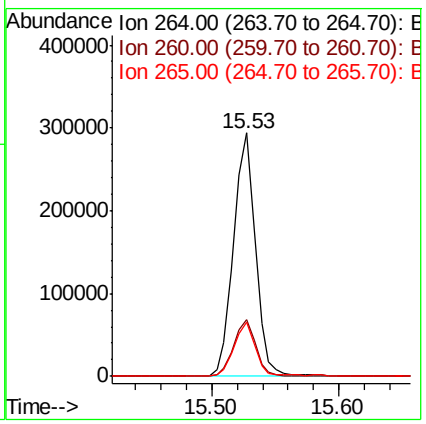


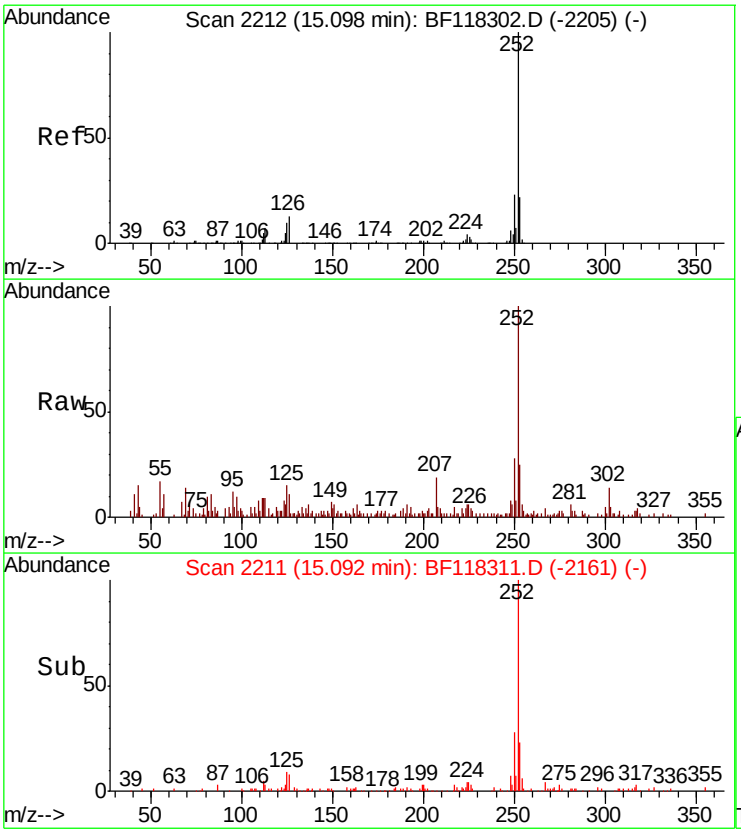
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 351544

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	22.0	17.0	25.4

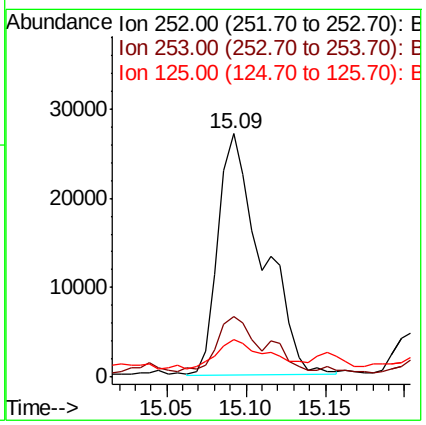


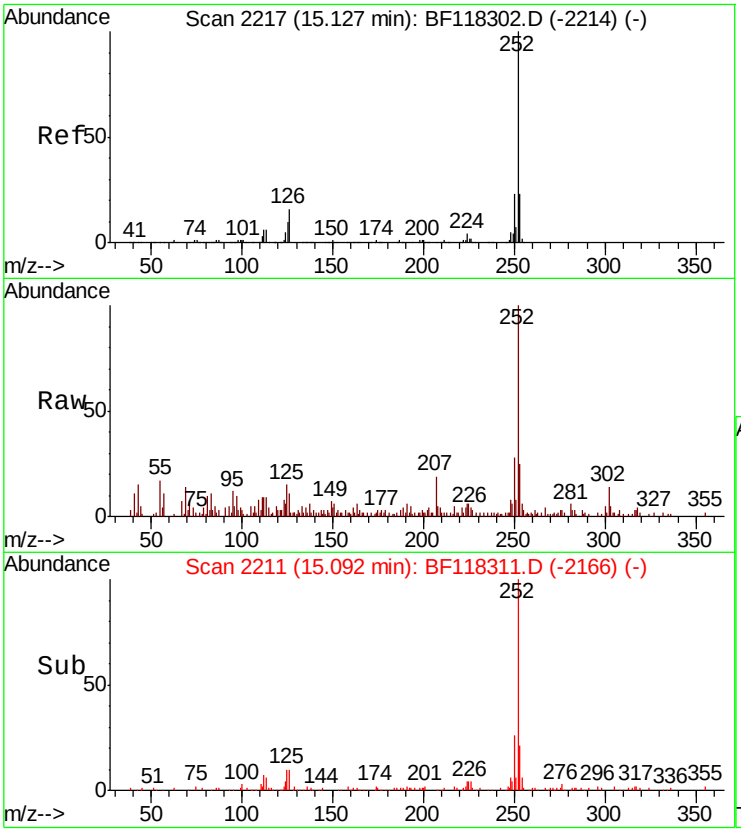


#88
Benzo(b)fluoranthene
Concen: 2.264 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Tgt Ion:252 Resp: 52830

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	15.2	7.7	11.5#





#89
Benzo(k)fluoranthene
Concen: 2.358 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF118311.D
Acq: 26 Dec 2019 12:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52830

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	15.2	8.0	12.0#