Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\

Quantitation Report (Not Reviewed)

Data File : BF118449.D
Acq On : 2 Jan 2020 21:39
Operator : JU
Sample : K6465-08RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-4-(3-5)

Quant Time: Jan 03 02:13:40 2020
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	98596	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	383814	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	192086	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	330448	20.00	ng		0.00
76) Chrysene-d12	14.04	240	209259	20.00	ng		-0.01
87) Perylene-d12	15.53	264	211157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	527558	91.34	ng		0.00
7) Phenol-d6	6.49	99	762842	106.46	ng		0.00
23) Nitrobenzene-d5	7.42	82	422305	62.93	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	205101	86.46	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	872602	69.34	ng		-0.01
79) Terphenyl-d14	12.97	244	814785	64.60	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	58426	13.236	ng	#	74
25) Isophorone	7.42	82	422302	36.109	ng	#	62
50) Dimethylphthalate	9.61	163	50880	3.529	ng		98
51) 2,6-Dinitrotoluene	9.89	165	23842	7.670	ng	#	28
57) 2,4-Dinitrotoluene	9.89	165	23842	5.740	ng	#	31
67) 4-Bromophenyl-phenylether	10.69	248	13107	3.389	ng	#	1
71) Phenanthrene	11.41	178	37385	2.075	ng		99
75) Fluoranthene	12.61	202	57868	3.183	ng		98
78) Pyrene	12.84	202	52225	3.056	ng		99
88) Benzo(b)fluoranthene	15.10	252	38115	2.719	ng	#	96
89) Benzo(k)fluoranthene	15.10	252	38115	2.832	ng		97

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

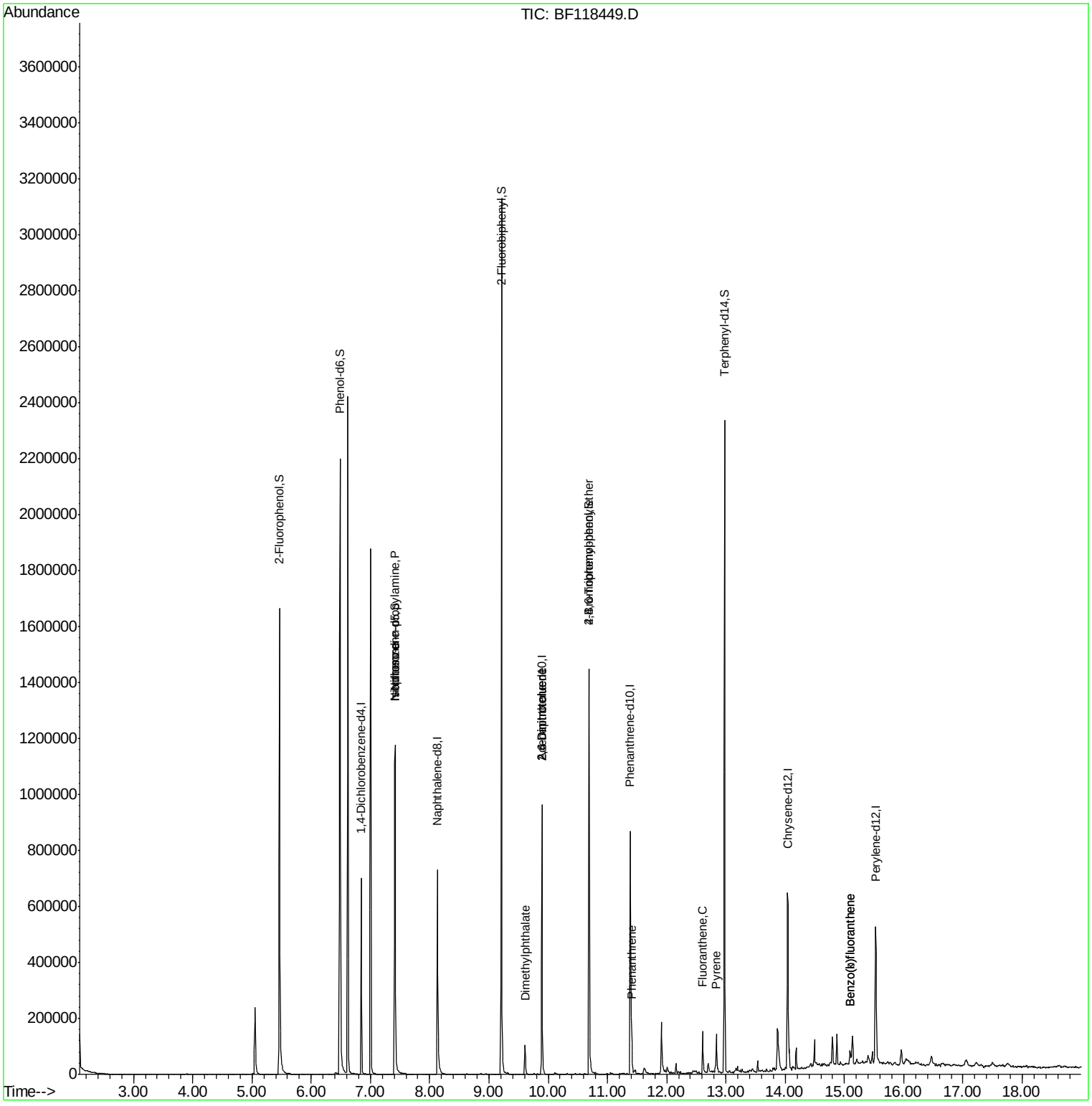
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\

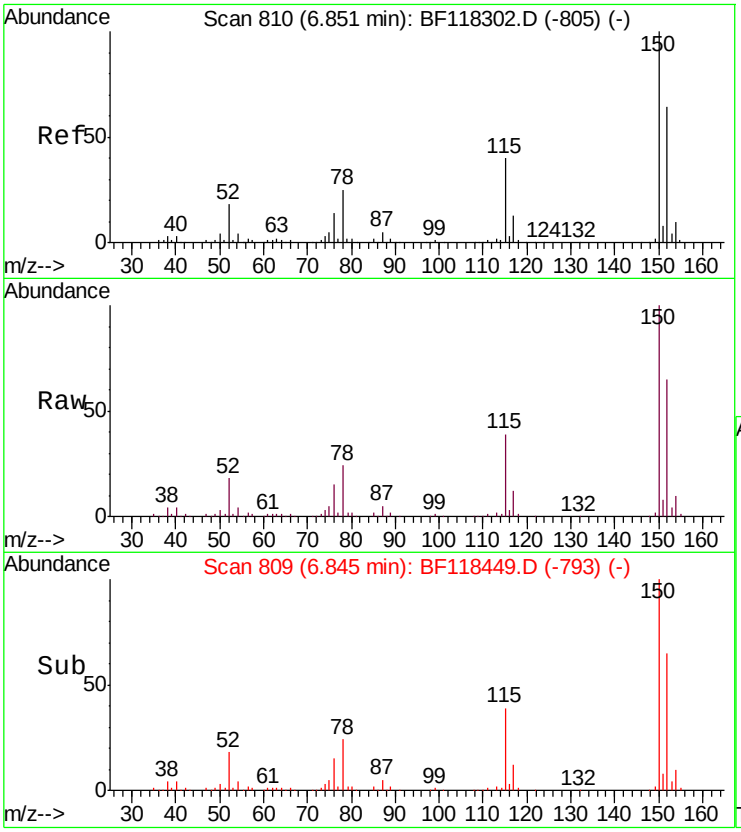
Quantitation Report (Not Reviewed)

Data File : BF118449.D
Acq On : 2 Jan 2020 21:39
Operator : JU
Sample : K6465-08RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-4-(3-5)

Quant Time: Jan 03 02:13:40 2020
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



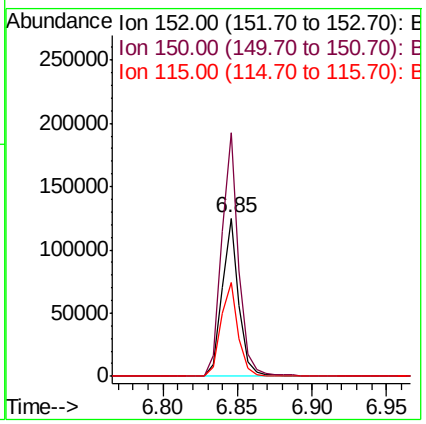


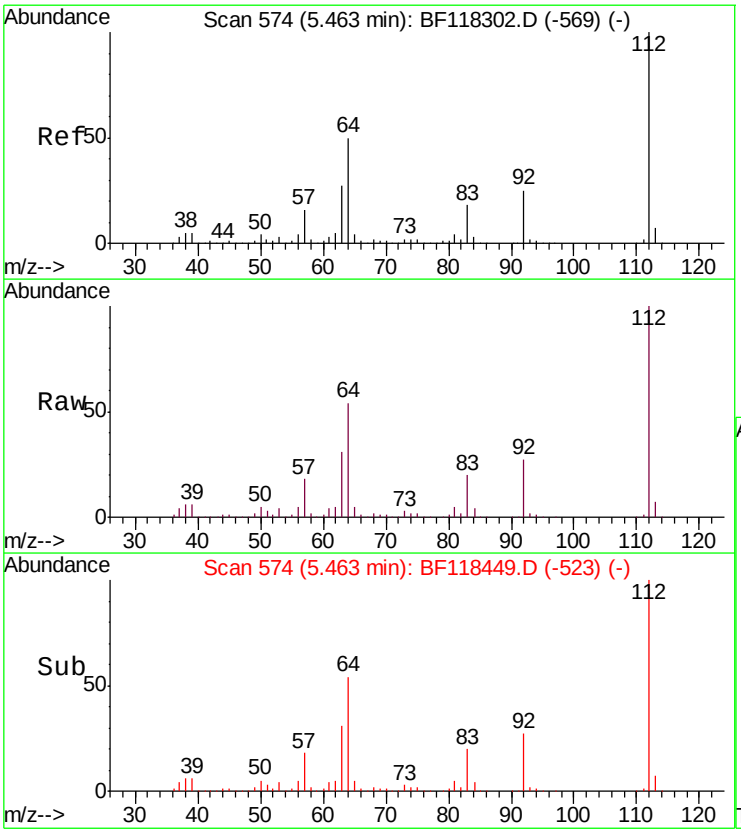
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:152 Resp: 98596

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.4	188.2
115	59.3	50.2	75.4

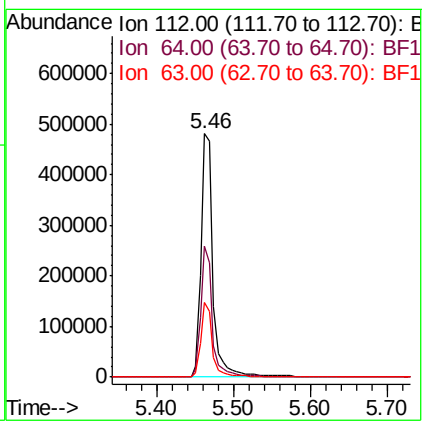


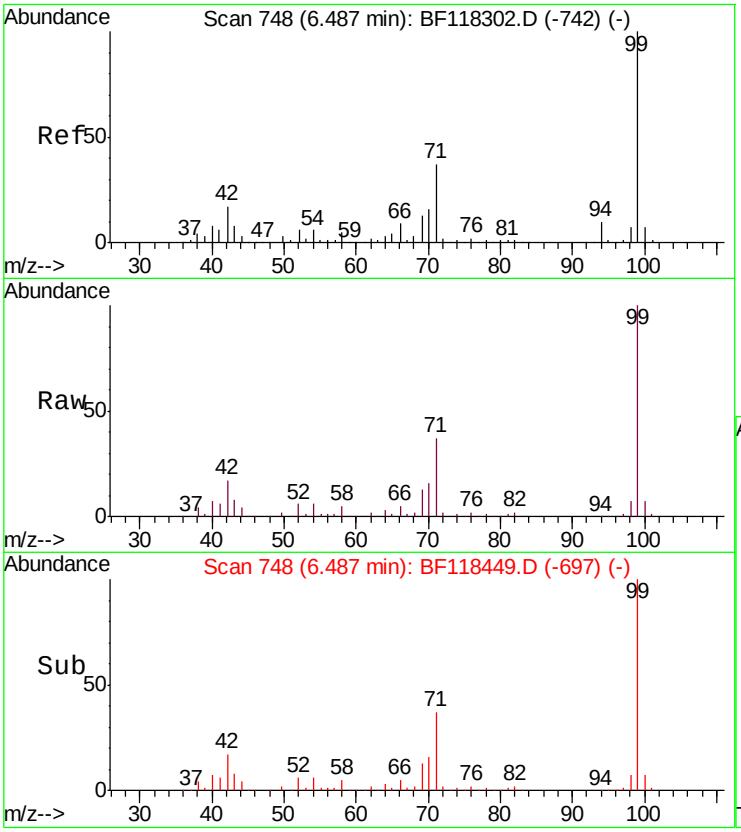


#5
2-Fluorophenol
Concen: 91.336 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:112 Resp: 527558

Ion	Ratio	Lower	Upper
112	100		
64	53.9	39.7	59.5
63	30.9	21.7	32.5



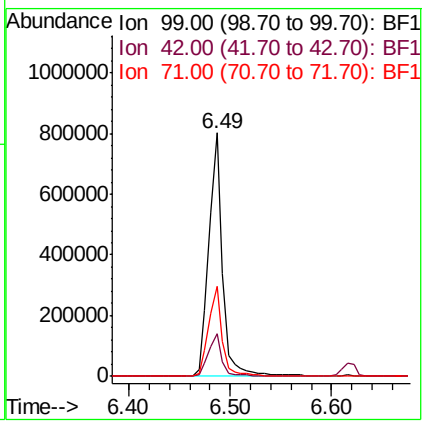


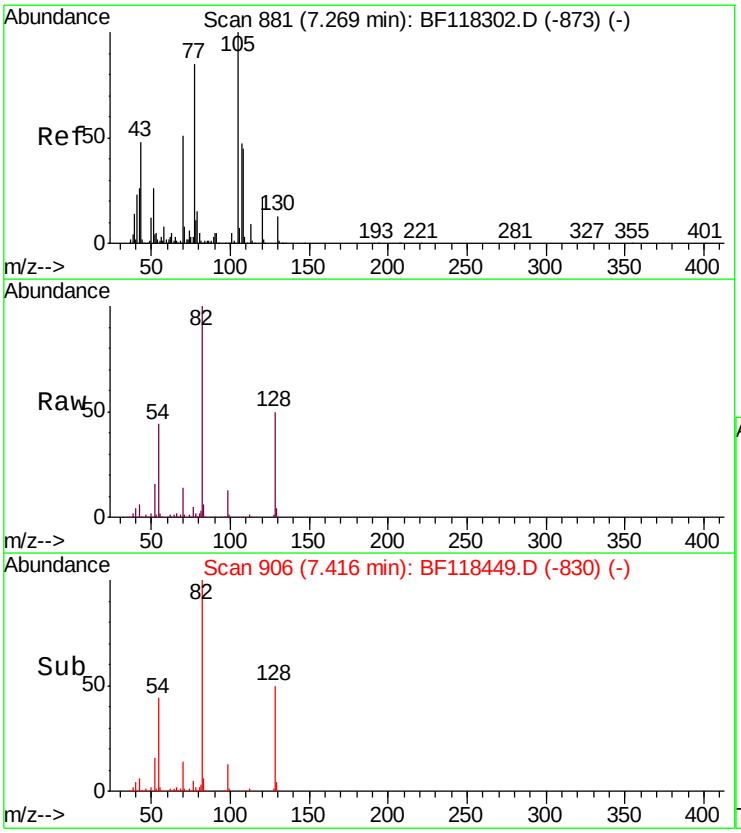
#7
Phenol-d6
Concen: 106.463 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion: 99 Resp: 762842

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	36.8	29.4	44.2

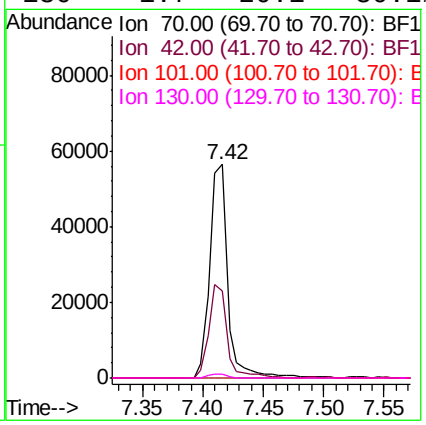


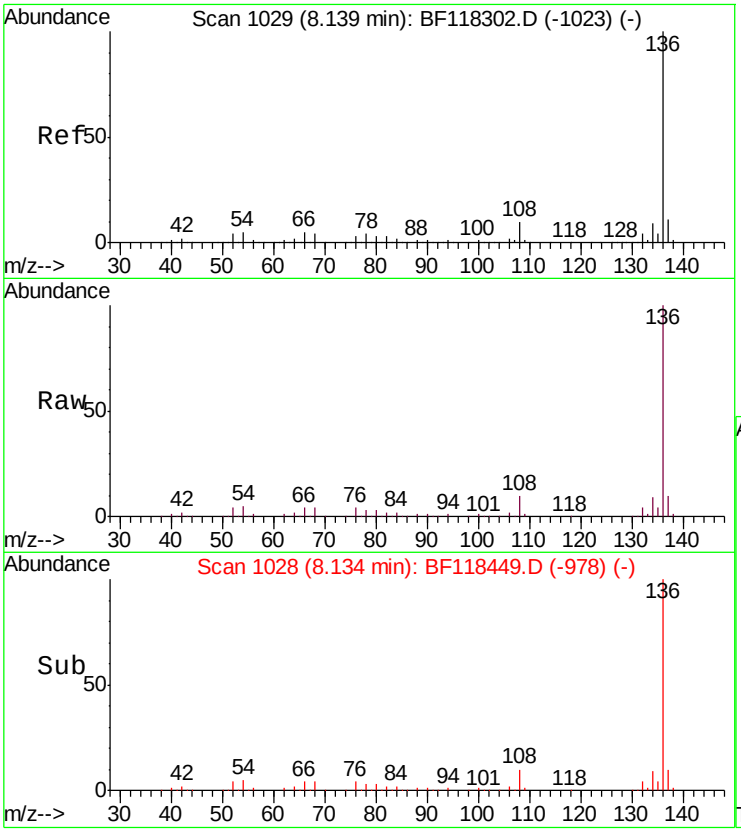


#19
n-Nitroso-di-n-propylamine
Concen: 13.236 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion: 70 Resp: 58426

Ion	Ratio	Lower	Upper
70	100		
42	40.9	41.1	61.7#
101	0.0	8.3	12.5#
130	1.7	20.1	30.1#



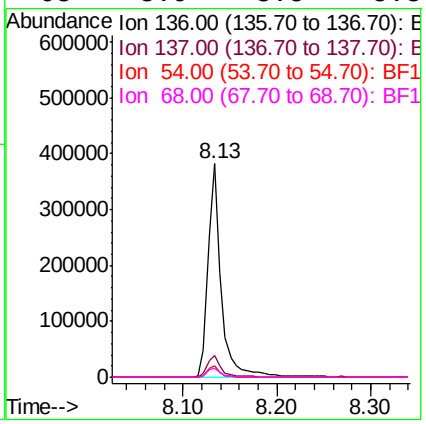


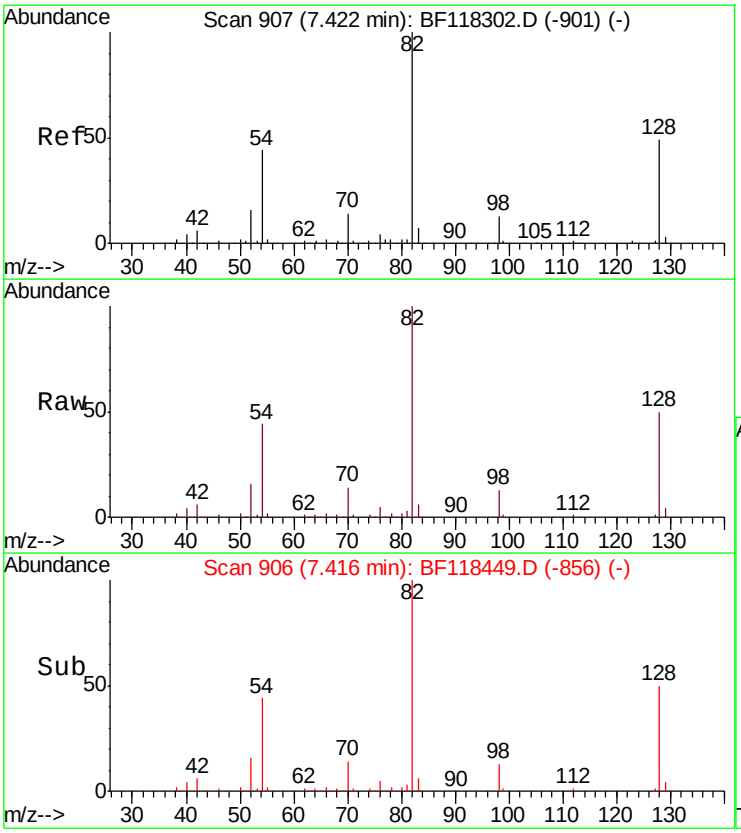
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:136 Resp: 383814

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.3	4.2	6.4
68	3.9	3.5	5.3

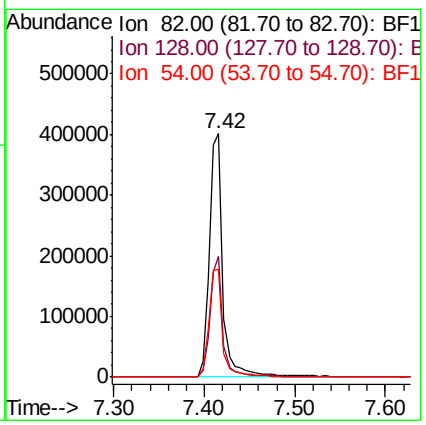


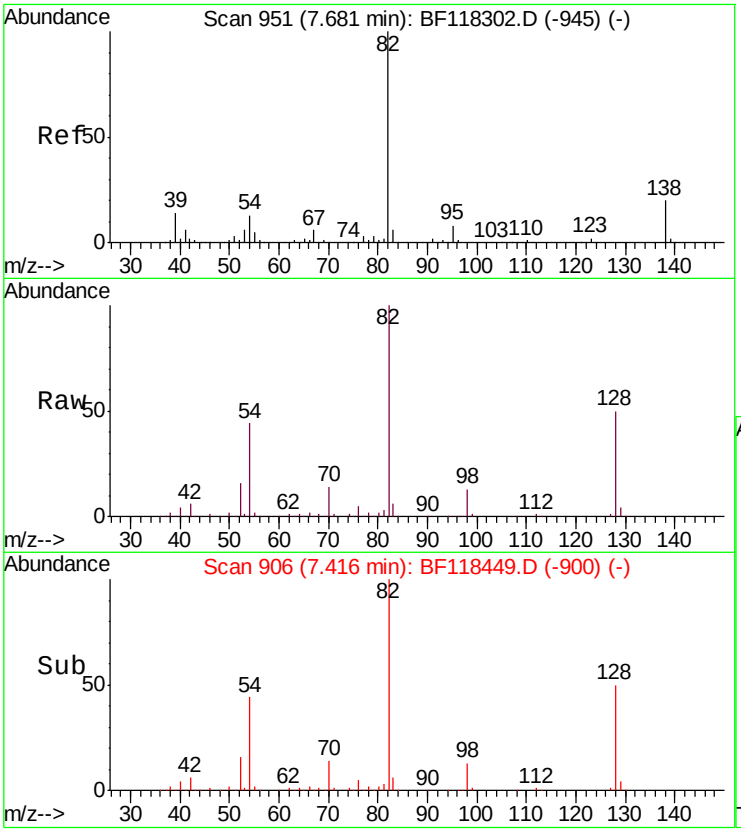


#23
Nitrobenzene-d5
Concen: 62.931 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion: 82 Resp: 422305

Ion	Ratio	Lower	Upper
82	100		
128	49.6	39.6	59.4
54	44.2	34.9	52.3



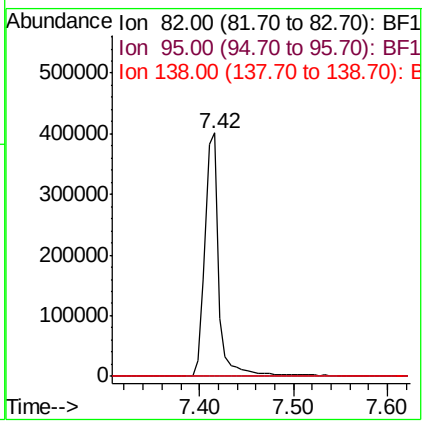


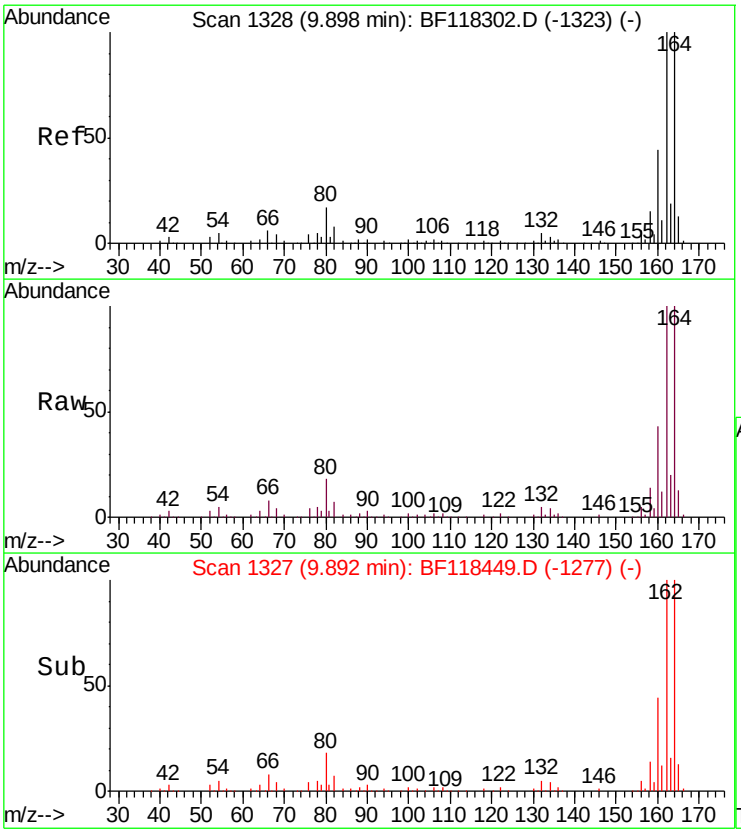
#25
Isophorone
Concen: 36.109 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion: 82 Resp: 422302

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

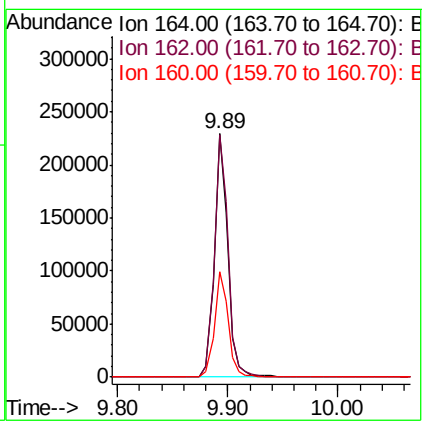


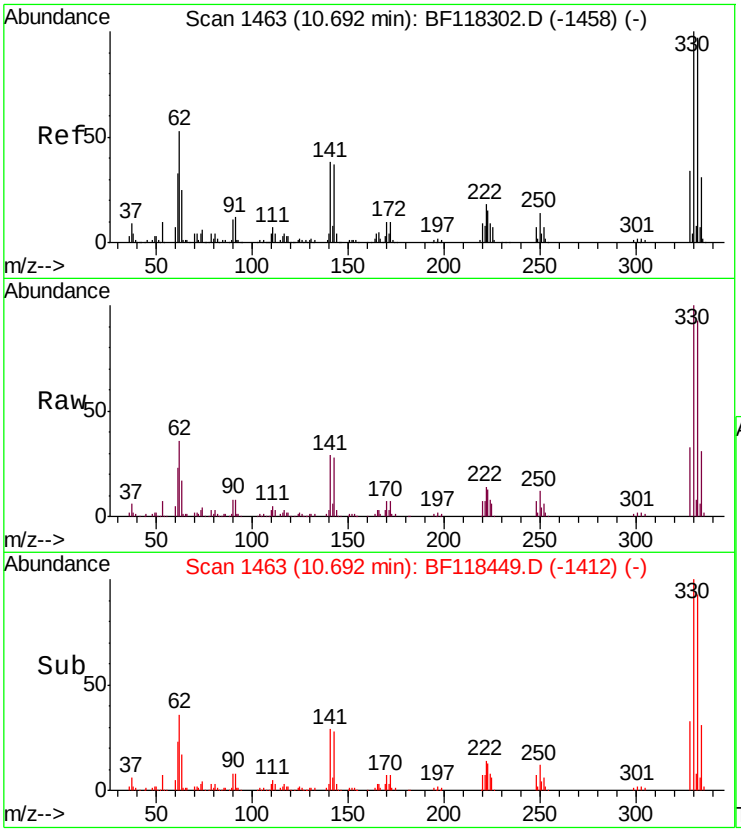


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:164 Resp: 192086

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.0	120.0
160	43.4	34.8	52.2



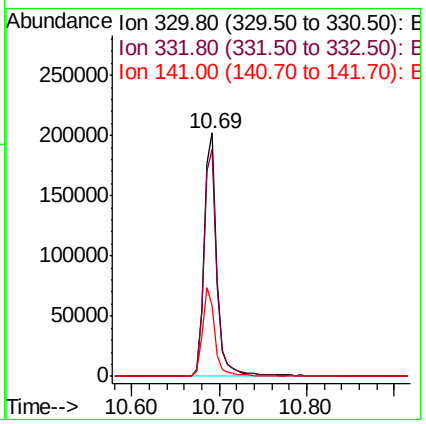


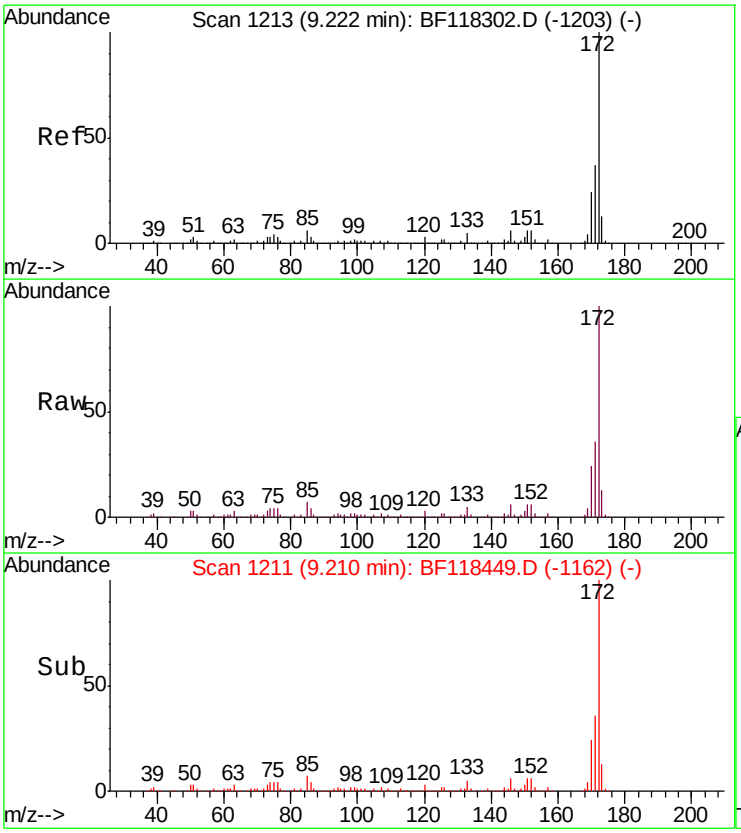
#42
2,4,6-Tribromophenol
Concen: 86.463 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:330 Resp: 205101

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	34.9	26.0	39.0

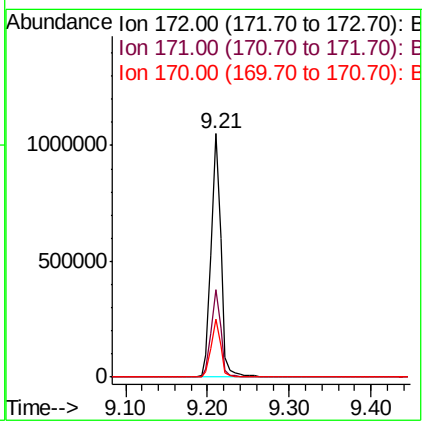


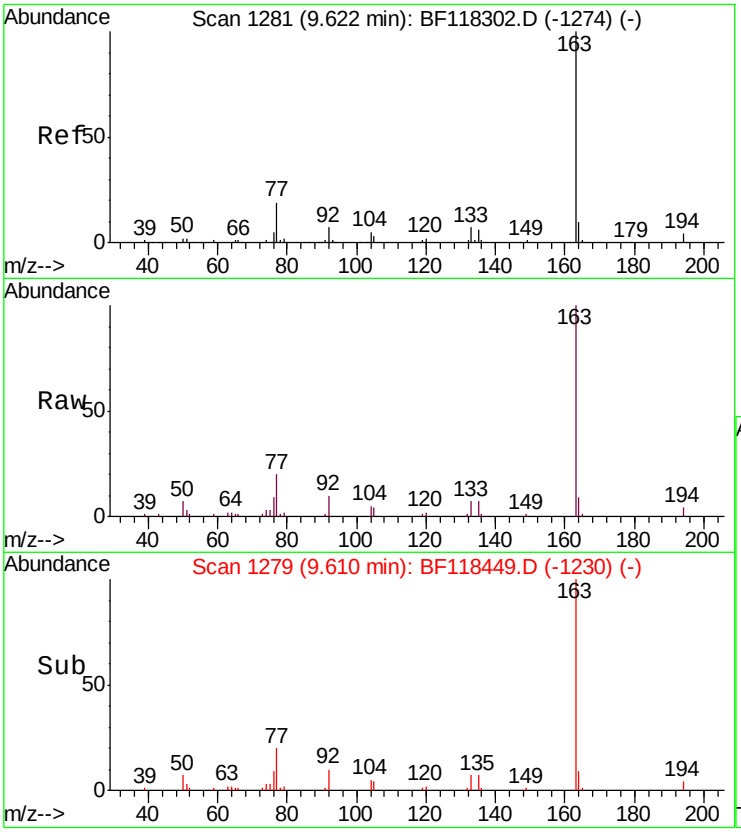


#45
2-Fluorobiphenyl
Concen: 69.344 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:172 Resp: 872602

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	23.6	19.2	28.8



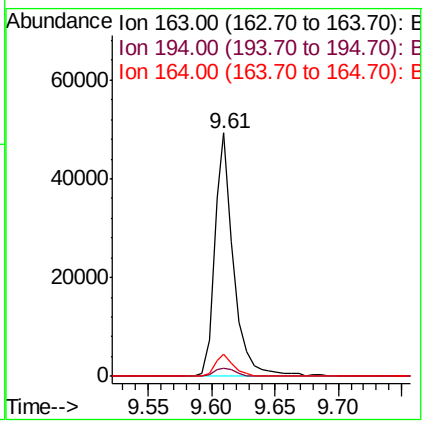


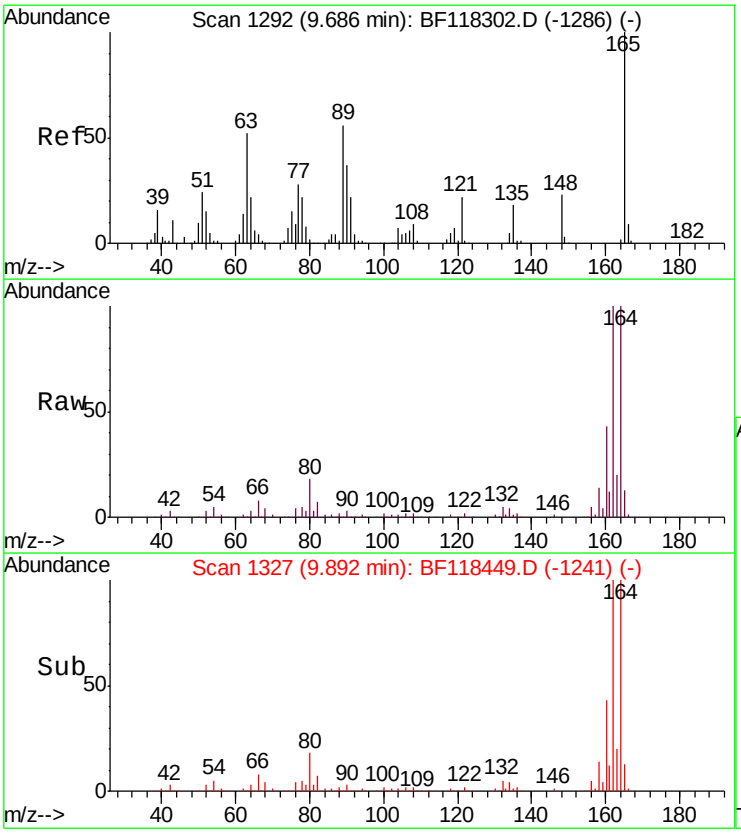
#50
Dimethylphthalate
Concen: 3.529 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:163 Resp: 50880

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.2	7.9	11.9

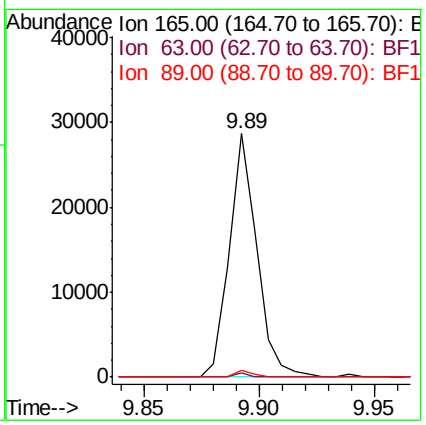


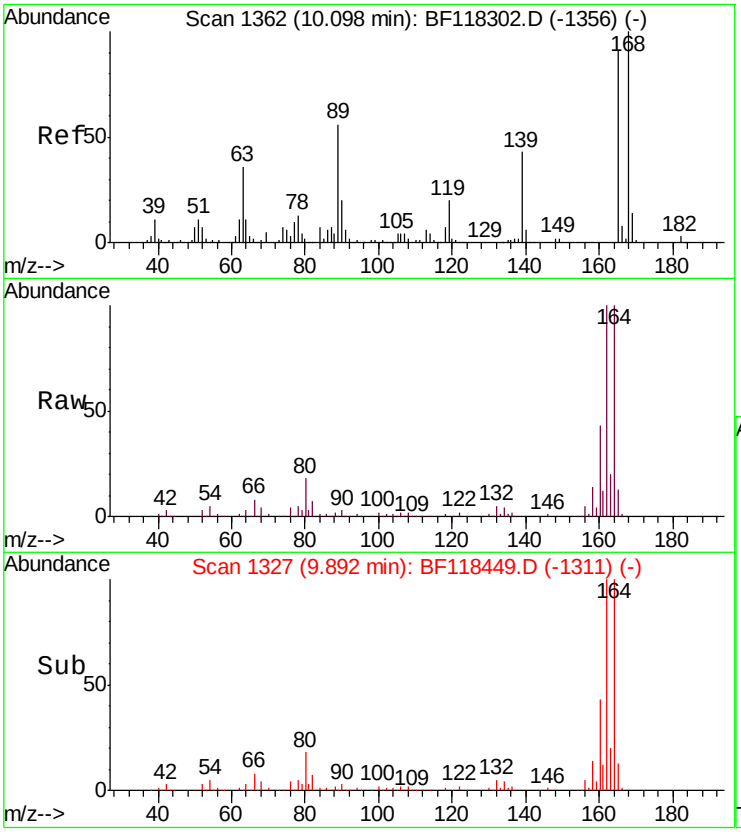


#51
2,6-Dinitrotoluene
Concen: 7.670 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:165 Resp: 23842

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.2	63.4#
89	2.7	44.4	66.6#



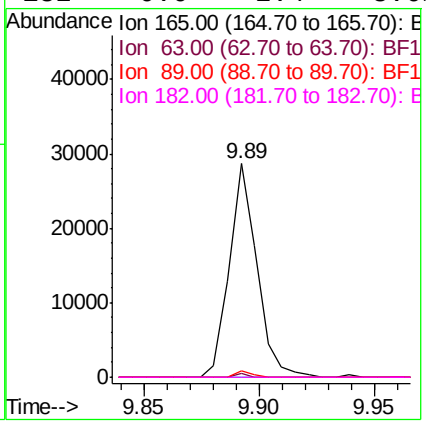


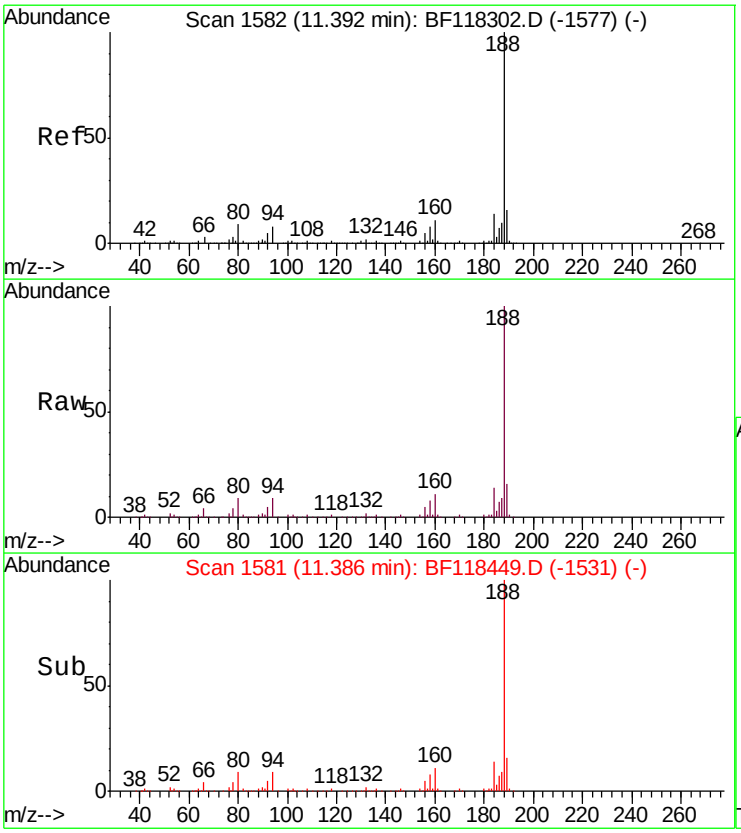
#57
2,4-Dinitrotoluene
Concen: 5.740 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:165 Resp: 23842

Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.0	48.0#
89	2.7	49.3	73.9#
182	0.0	2.4	3.6#

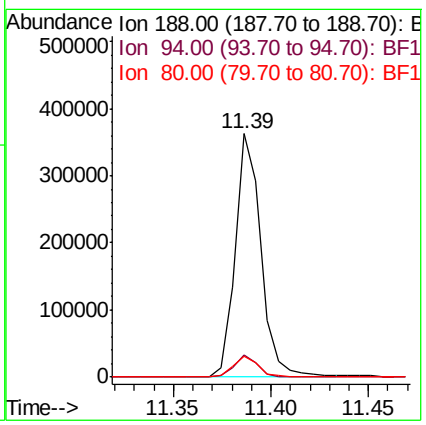


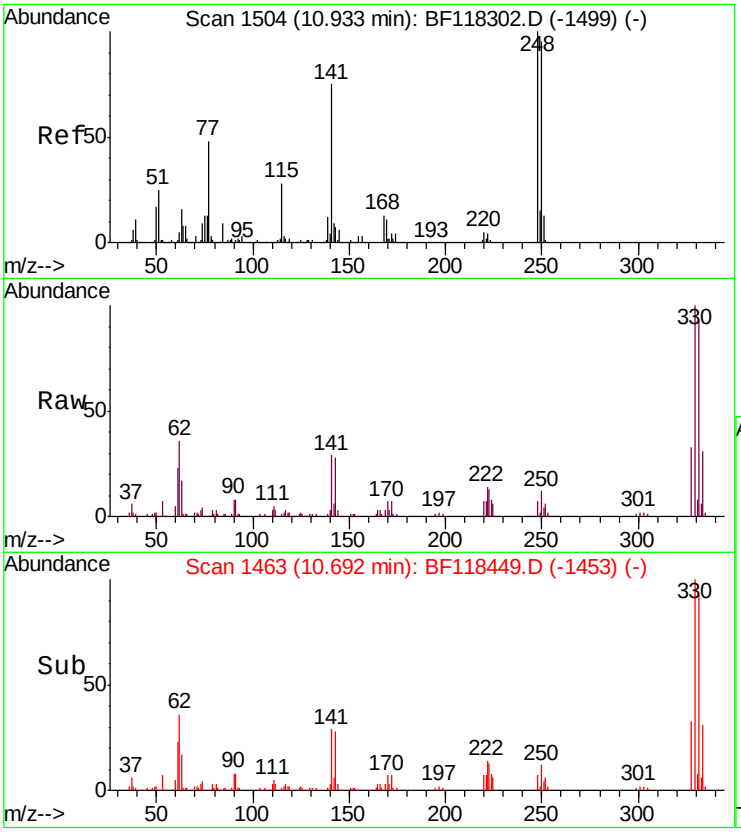


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:188 Resp: 330448

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.7	10.1
80	8.7	7.2	10.8



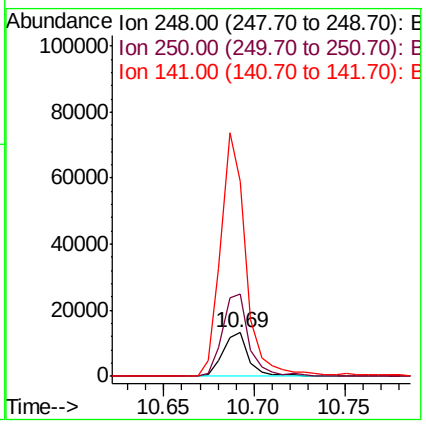


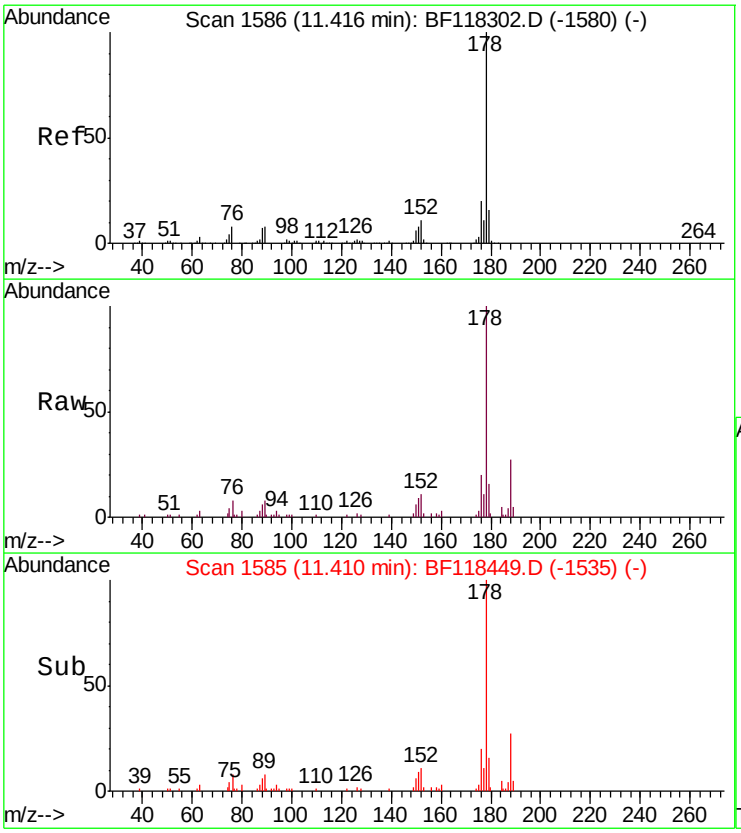
#67
4-Bromophenyl-phenylether
Concen: 3.389 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:248 Resp: 13107

Ion	Ratio	Lower	Upper
248	100		
250	190.0	76.4	114.6#
141	447.1	60.2	90.2#

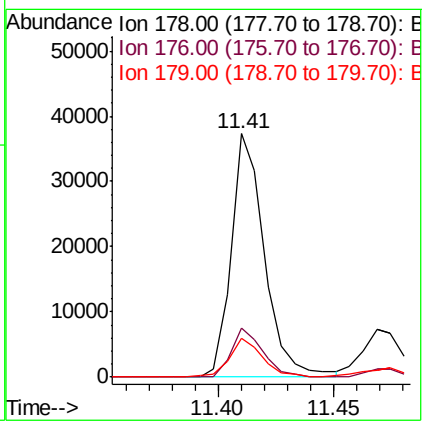


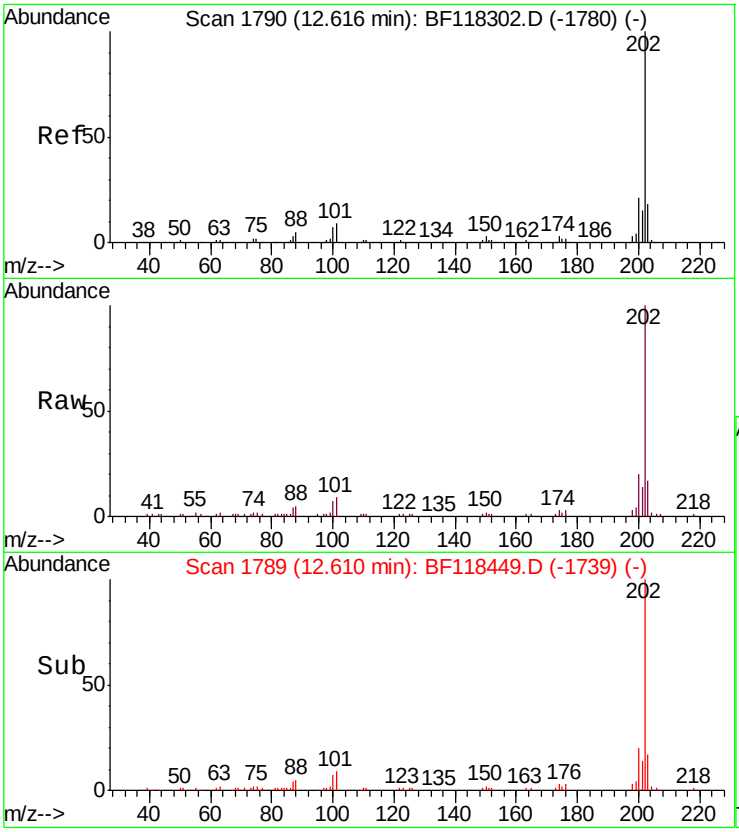


#71
Phenanthrene
Concen: 2.075 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:178 Resp: 37385

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	15.8	12.6	19.0



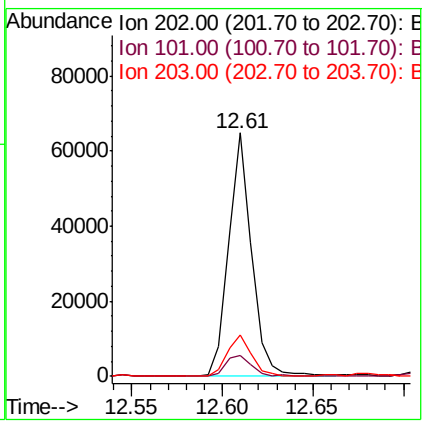


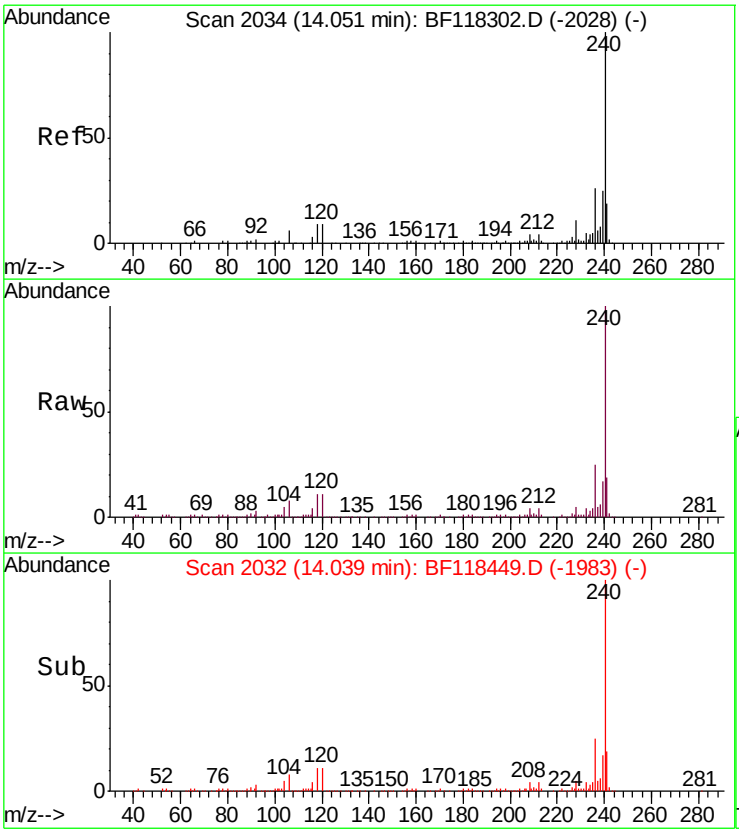
#75
Fluoranthene
Concen: 3.183 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:202 Resp: 57868

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.5
203	16.9	0.0	37.6

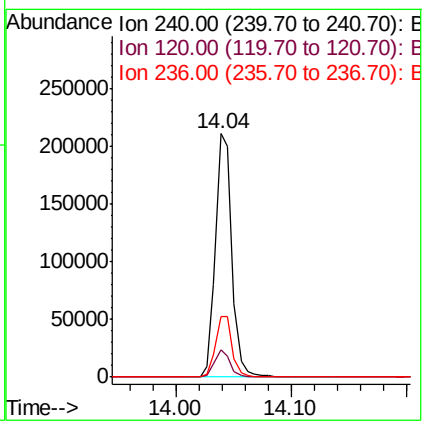


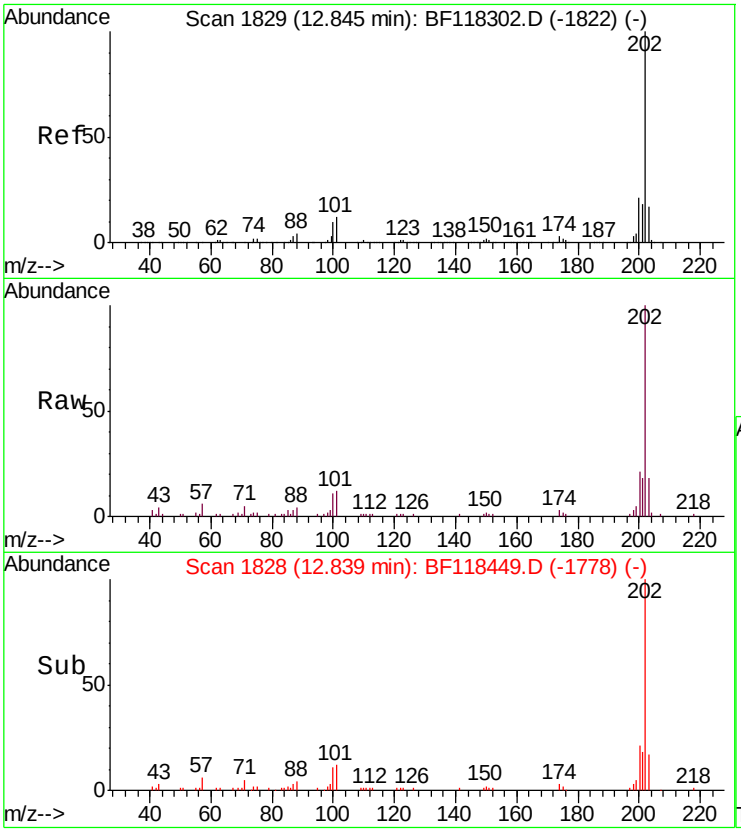


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:240 Resp: 209259

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.1	10.7#
236	24.6	21.0	31.6



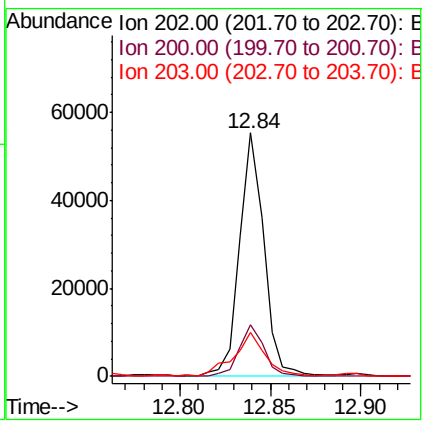


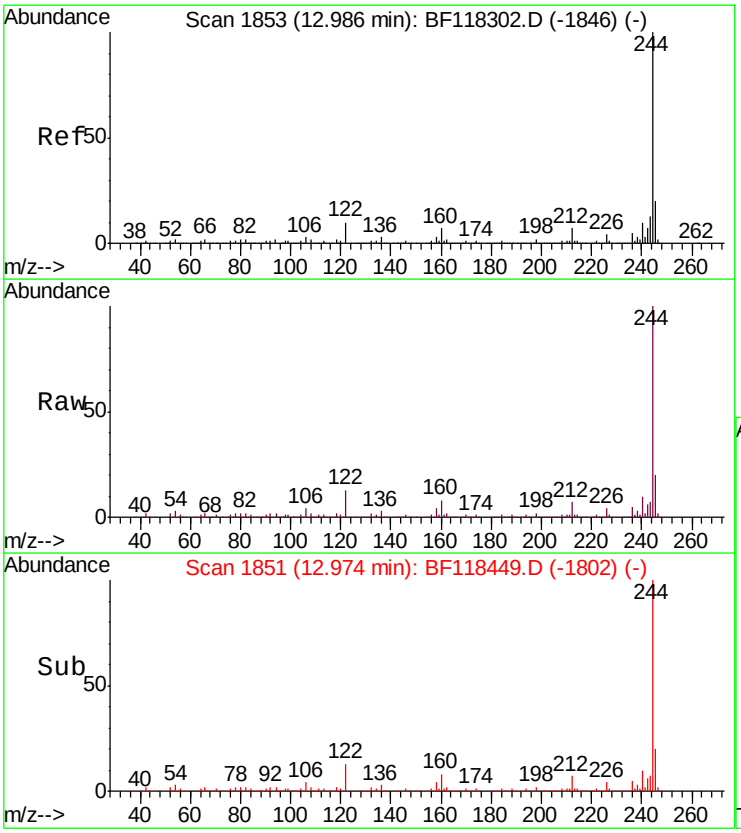
#78
Pyrene
Concen: 3.056 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:202 Resp: 52225

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.9	13.9	20.9

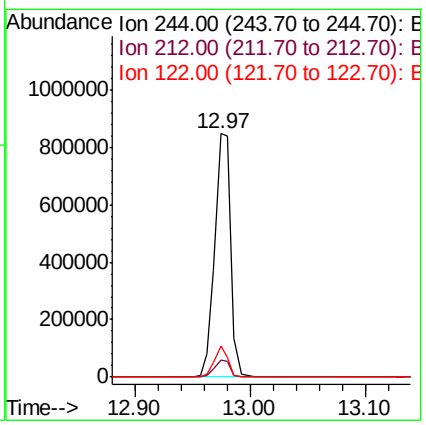


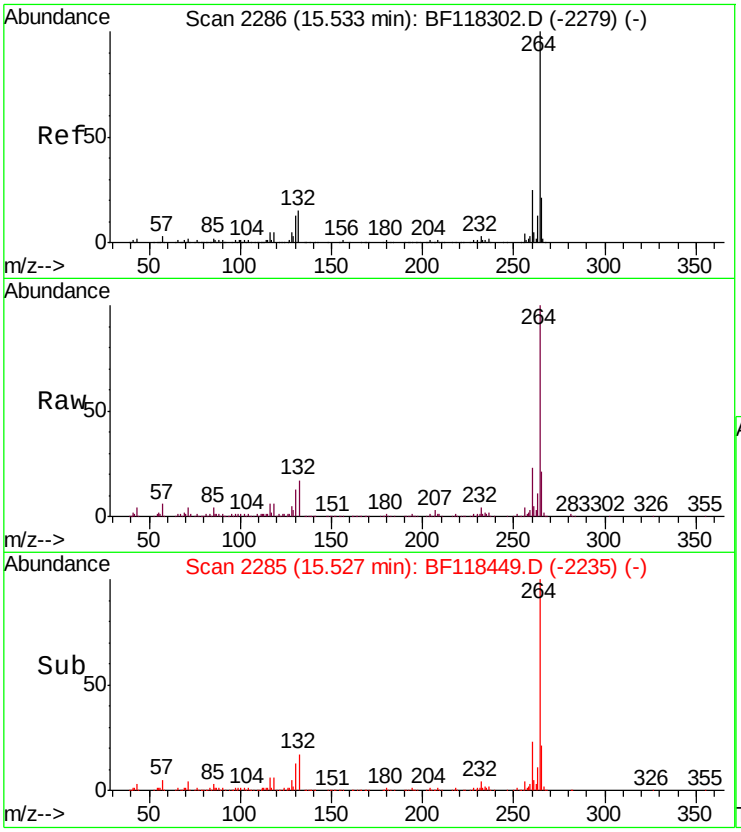


#79
Terphenyl-d14
Concen: 64.597 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:244 Resp: 814785

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	12.5	7.8	11.8#



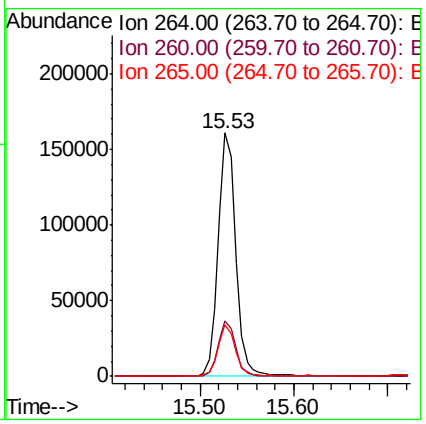


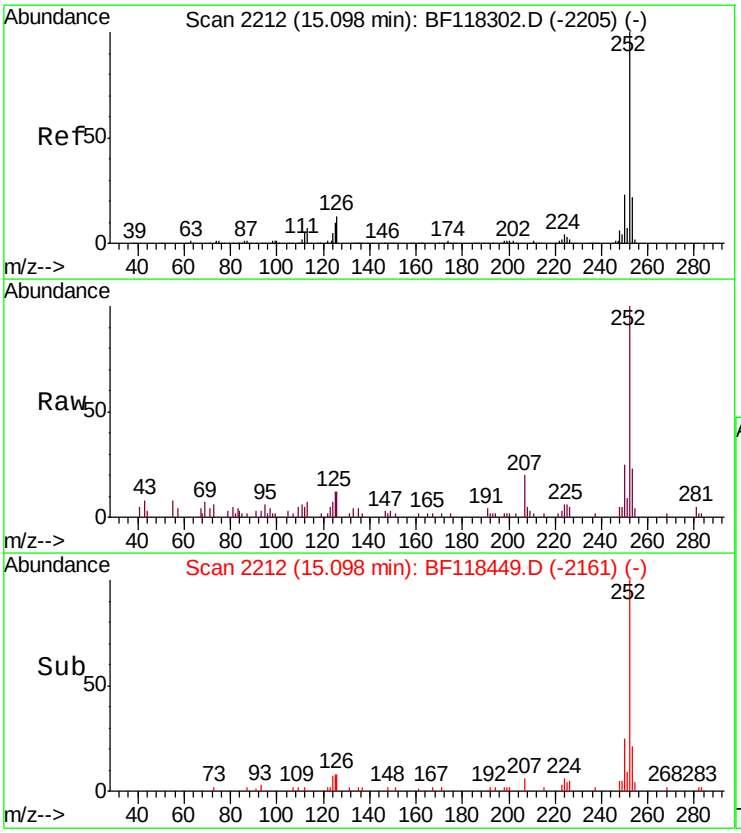
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:264 Resp: 211157

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	21.5	17.0	25.4

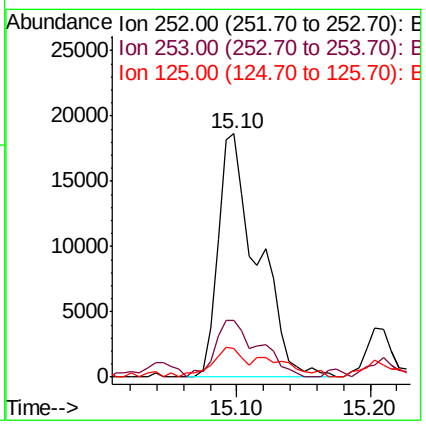


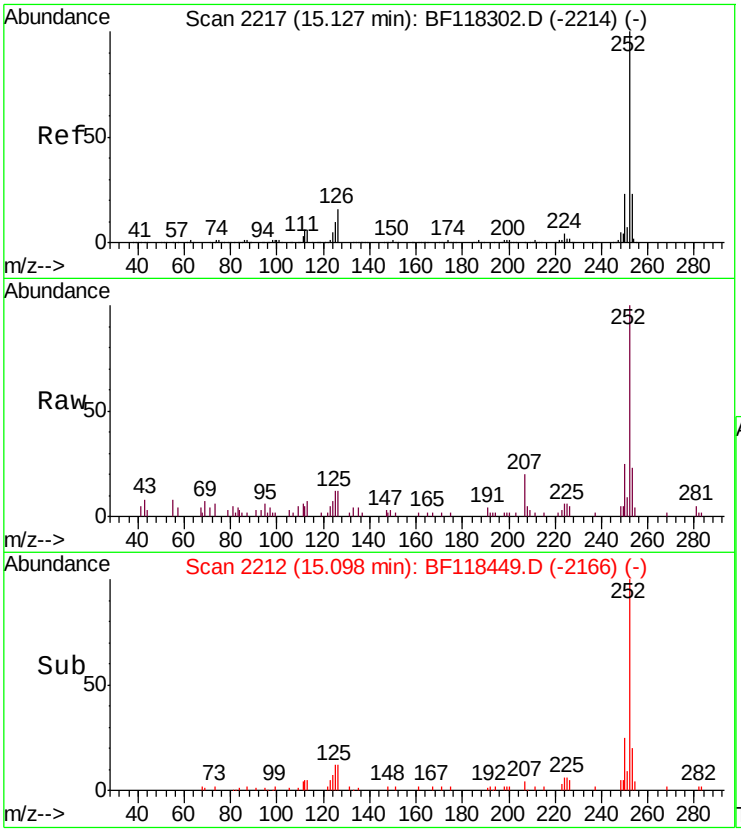


#88
Benzo(b)fluoranthene
Concen: 2.719 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Tgt Ion:252 Resp: 38115

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.9	7.7	11.5#





#89
Benzo(k)fluoranthene
Concen: 2.832 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF118449.D
Acq: 2 Jan 2020 21:39

Instrument :
BNA_F
ClientSampleId :
GP-4-(3-5)

Tgt Ion:252 Resp: 38115

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.9	8.0	12.0