Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\

Quantitation Report (Not Reviewed)

Data File : BF118687.D
Acq On : 24 Jan 2020 15:56
Operator : CG/JU
Sample : L1234-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-TP

Quant Time: Jan 27 01:01:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	262123	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	985580	20.00	ng		-0.02
39) Acenaphthene-d10	9.90	164	546236	20.00	ng		-0.03
64) Phenanthrene-d10	11.38	188	1006492	20.00	ng		-0.03
76) Chrysene-d12	14.01	240	646274	20.00	ng		-0.04
87) Perylene-d12	15.47	264	658996	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1215344	86.11	ng		-0.02
7) Phenol-d6	6.49	99	1484710	80.94	ng		-0.02
23) Nitrobenzene-d5	7.42	82	935378	53.08	ng		-0.03
42) 2,4,6-Tribromophenol	10.68	330	514107	81.37	ng		-0.03
45) 2-Fluorobiphenyl	9.22	172	1728219	52.00	ng		-0.03
79) Terphenyl-d14	12.96	244	1857613	62.69	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.50	94	46278	2.214	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	127584	10.300	ng	#	75
25) Isophorone	7.42	82	930302	28.946	ng	#	64
50) Dimethylphthalate	9.61	163	412092	11.579	ng		96
57) 2,4-Dinitrotoluene	9.90	165	72592	7.226	ng	#	25
67) 4-Bromophenyl-phenylether	10.68	248	32903	2.646	ng	#	1
71) Phenanthrene	11.40	178	225066	4.635	ng	#	90
75) Fluoranthene	12.59	202	318044	6.210	ng		94
78) Pyrene	12.82	202	327291	7.459	ng	#	91
81) Benzo(a)anthracene	14.00	228	151995	3.910	ng		97
83) Chrysene	14.04	228	163861	4.398	ng		97
86) Indeno(1,2,3-cd)pyrene	16.93	276	101187	3.125	ng		97
88) Benzo(b)fluoranthene	15.04	252	229050	5.530	ng		99
89) Benzo(k)fluoranthene	15.04	252	228386	5.951	ng		98
90) Benzo(a)pyrene	15.41	252	133617	3.739	ng		99
92) Benzo(g,h,i)perylene	17.37	276	107965	3.518	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\

Quantitation Report (Not Reviewed)

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Acq On : 24 Jan 2020 15:56
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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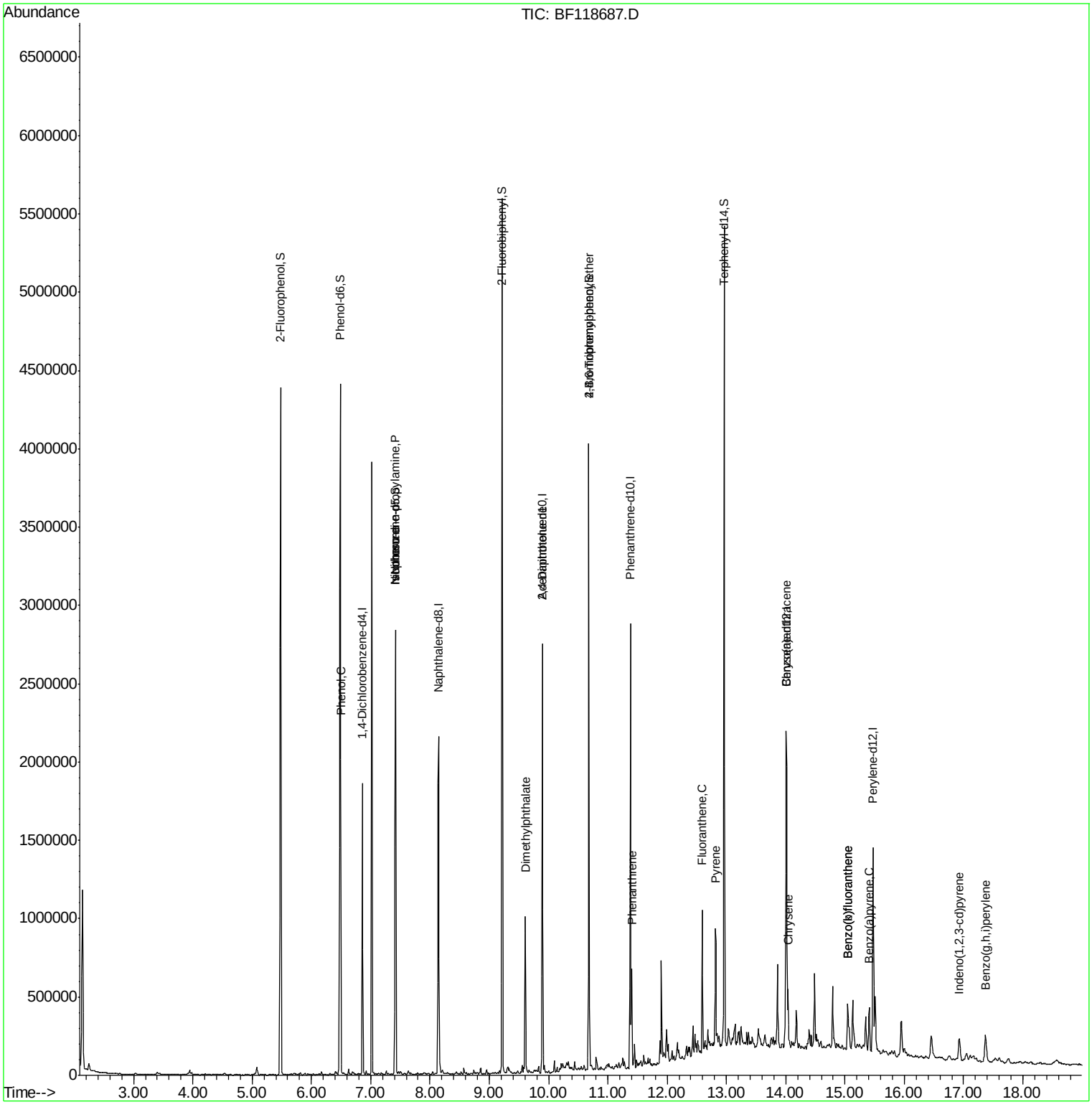
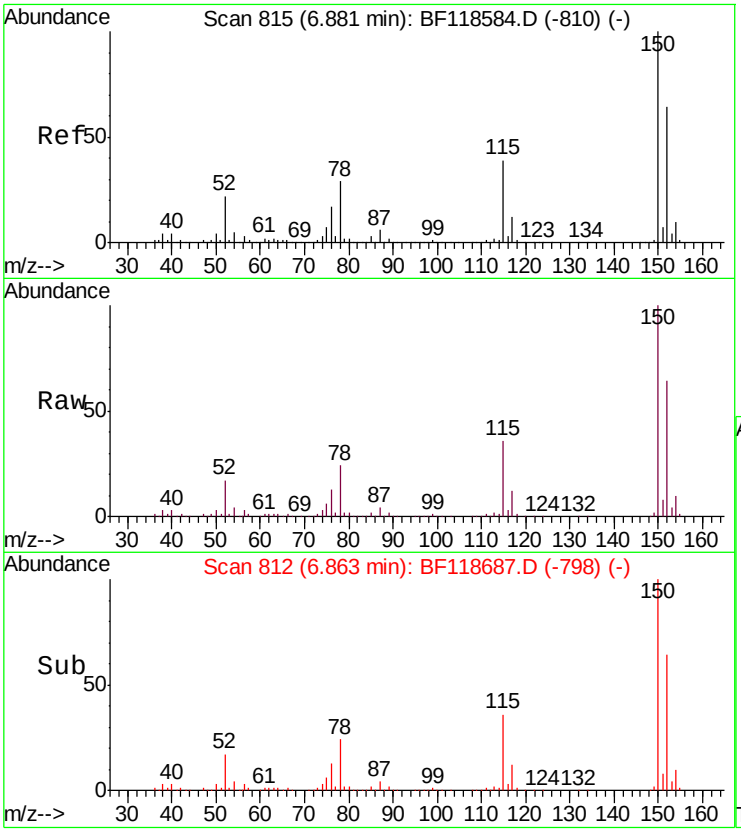
Quant Time: Jan 27 01:01:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration



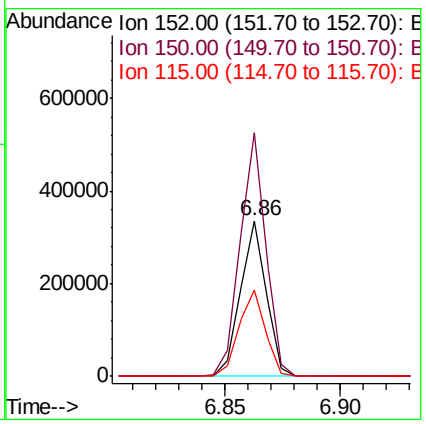


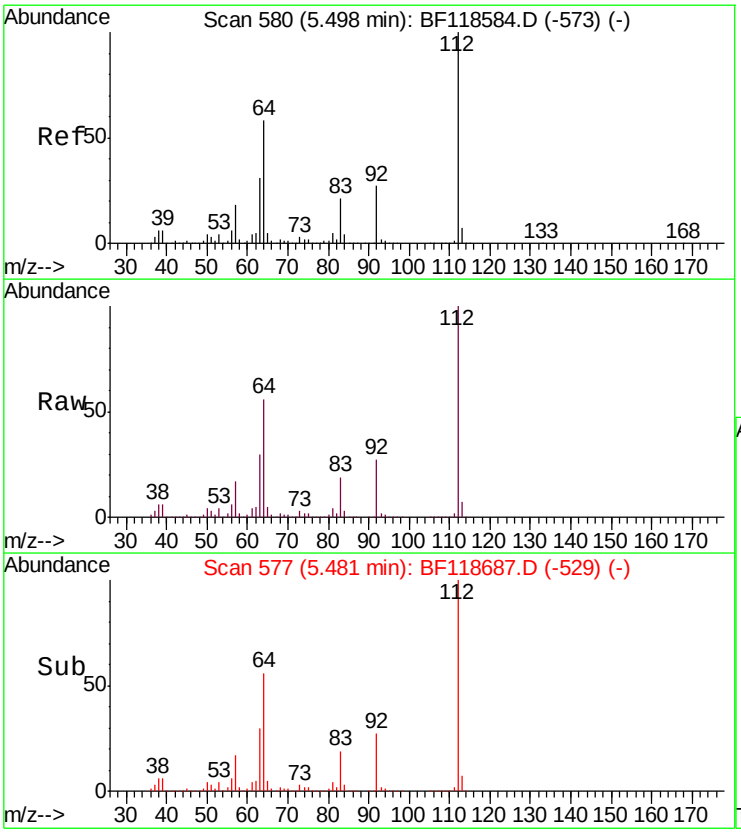
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:152 Resp: 262123

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.6	188.4
115	55.7	48.4	72.6

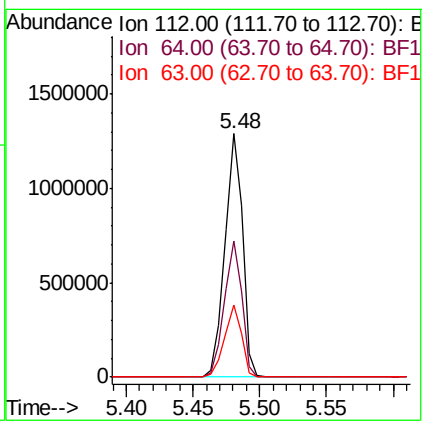


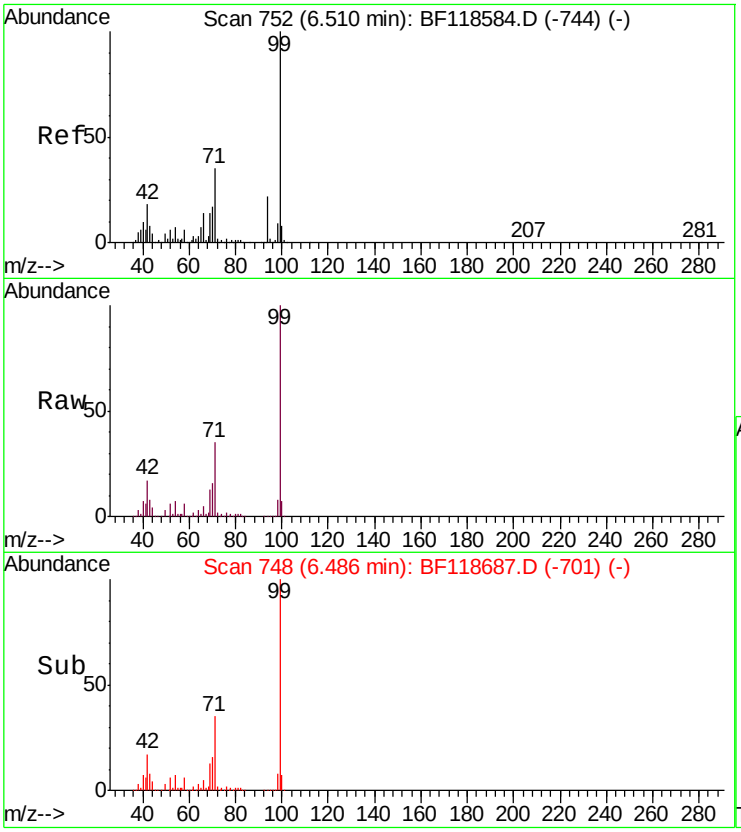


#5
2-Fluorophenol
Concen: 86.112 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:112 Resp: 1215344

Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.6	70.0
63	29.5	25.1	37.7



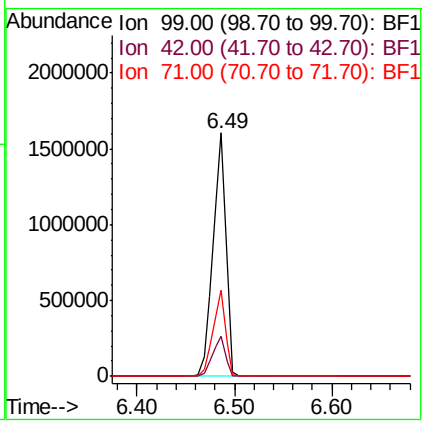


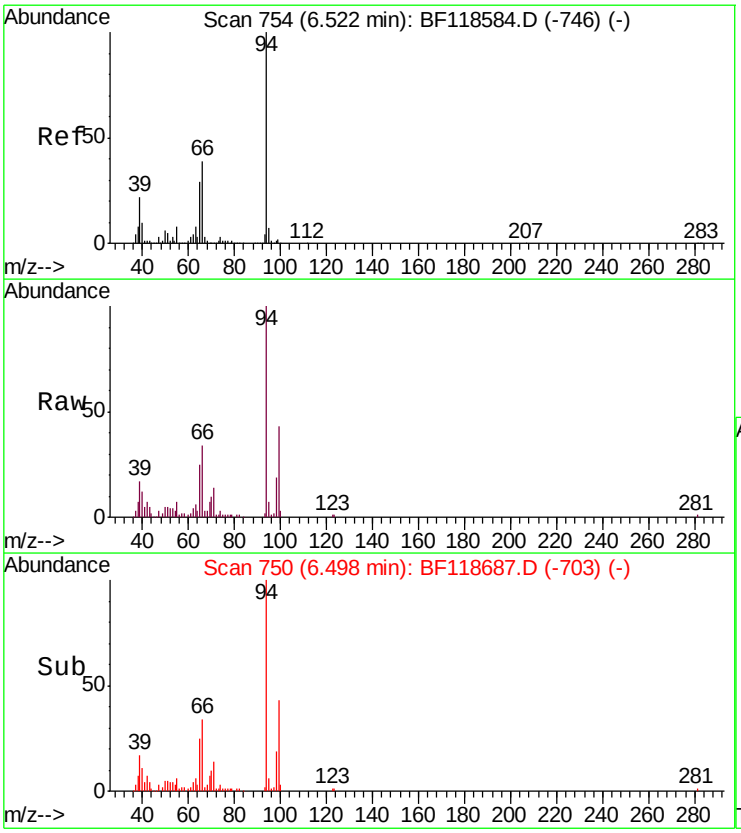
#7
Phenol-d6
Concen: 80.938 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion: 99 Resp: 1484710

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.2	21.2
71	35.4	27.8	41.6

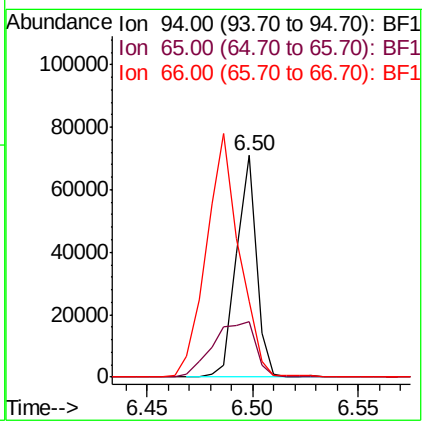


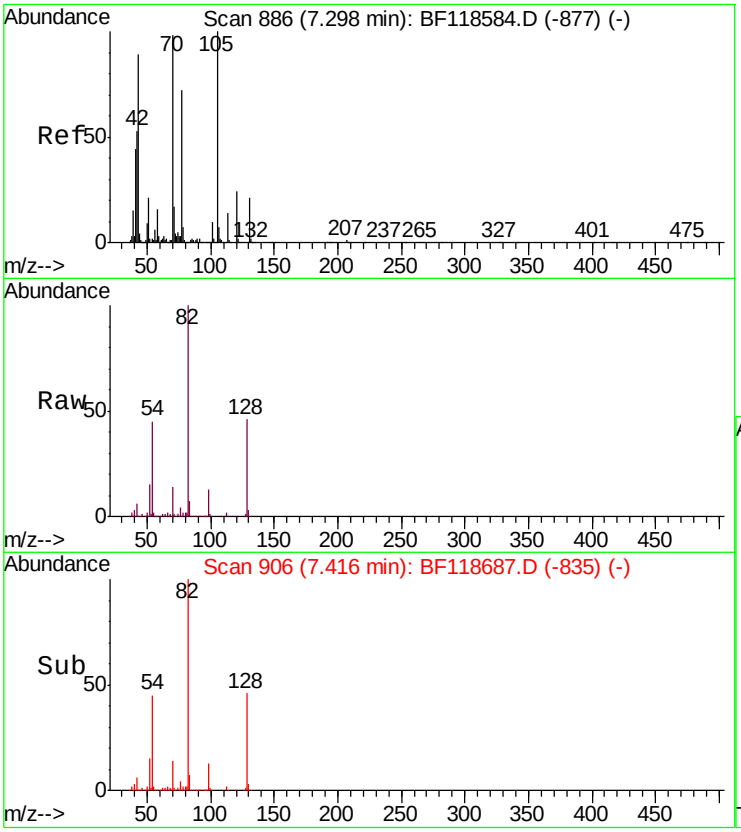


#10
Phenol
Concen: 2.214 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion: 94 Resp: 46278

Ion	Ratio	Lower	Upper
94	100		
65	24.9	9.5	49.5
66	34.0	18.5	58.5



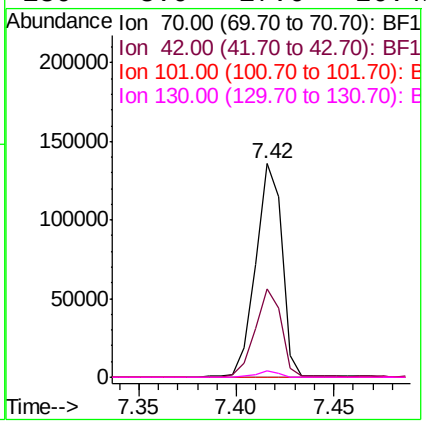


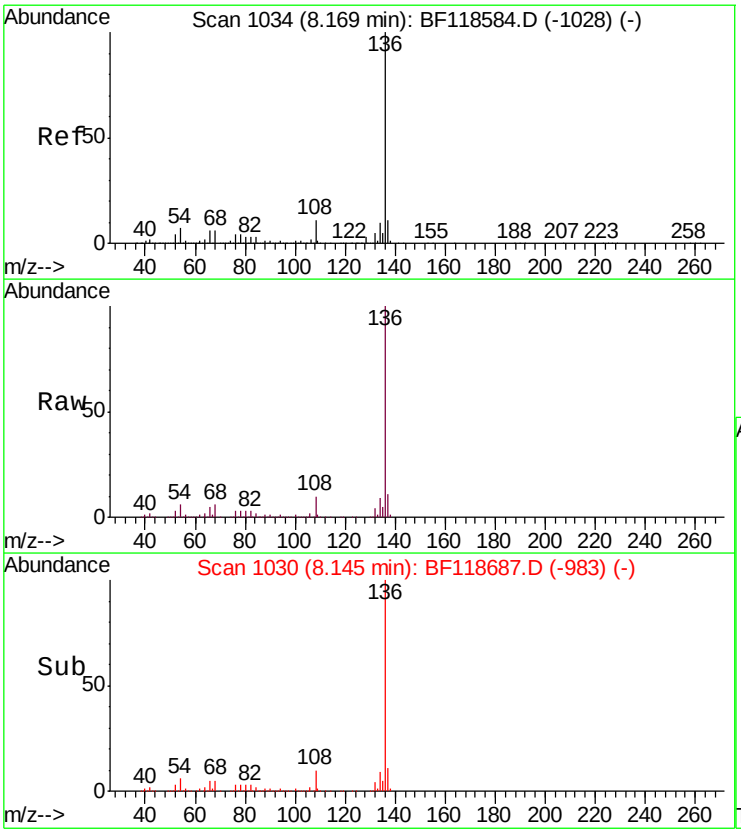
#19
n-Nitroso-di-n-propylamine
Concen: 10.300 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.12 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion: 70 Resp: 127584

Ion	Ratio	Lower	Upper
70	100		
42	41.3	43.4	65.0#
101	0.0	8.1	12.1#
130	3.0	17.6	26.4#

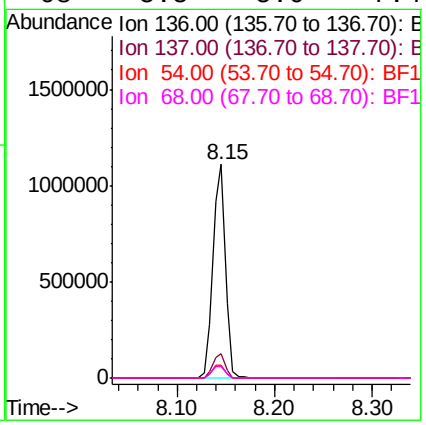


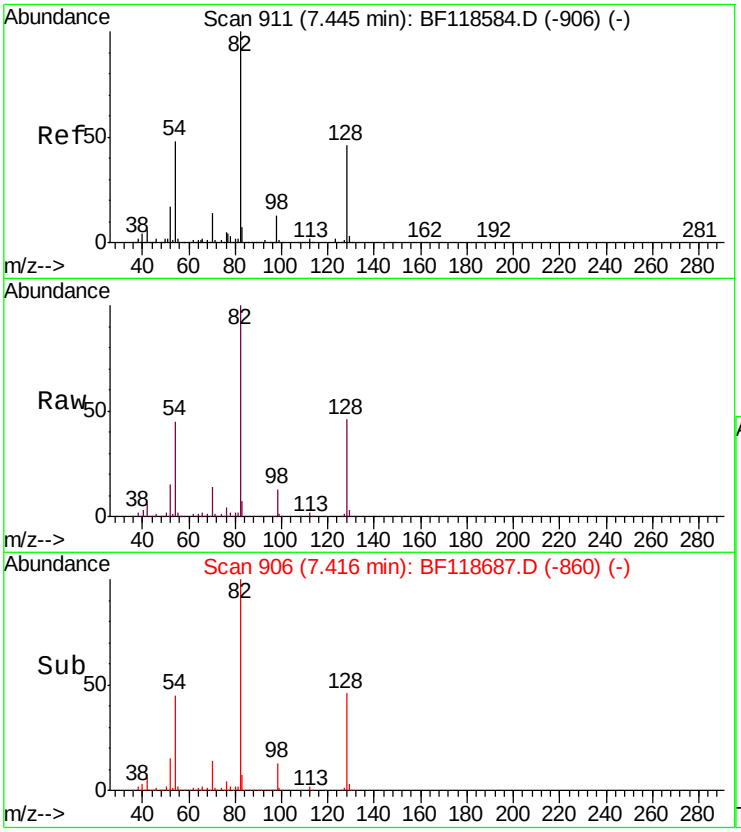


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:136 Resp: 985580

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.2	5.8	8.6
68	5.5	5.0	7.4



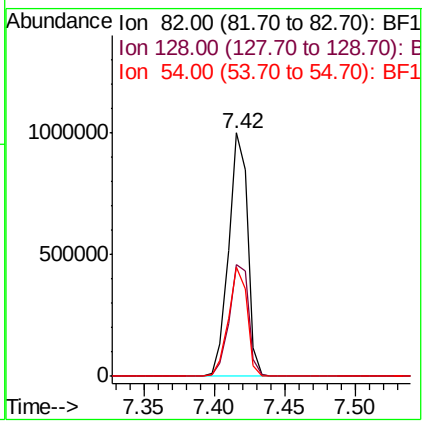


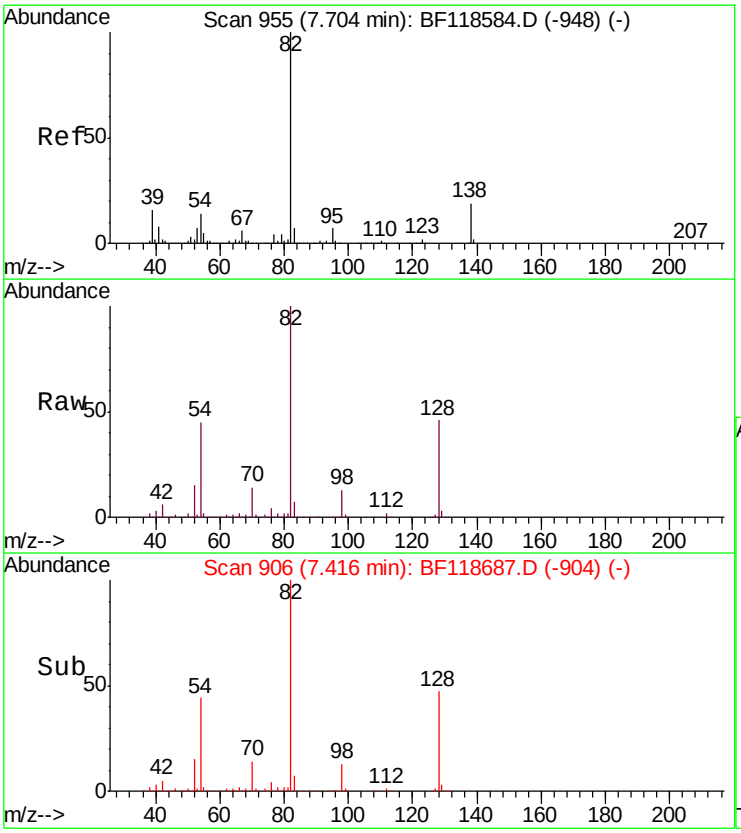
#23
Nitrobenzene-d5
Concen: 53.085 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion: 82 Resp: 935378

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.6	54.8
54	45.1	38.0	57.0

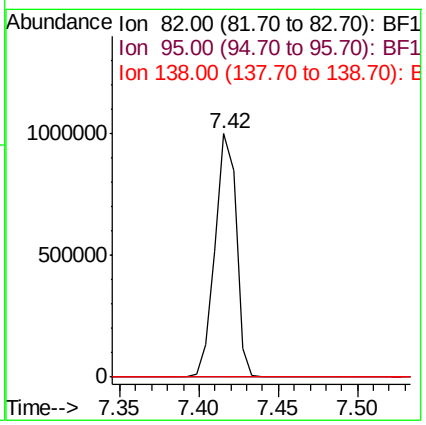


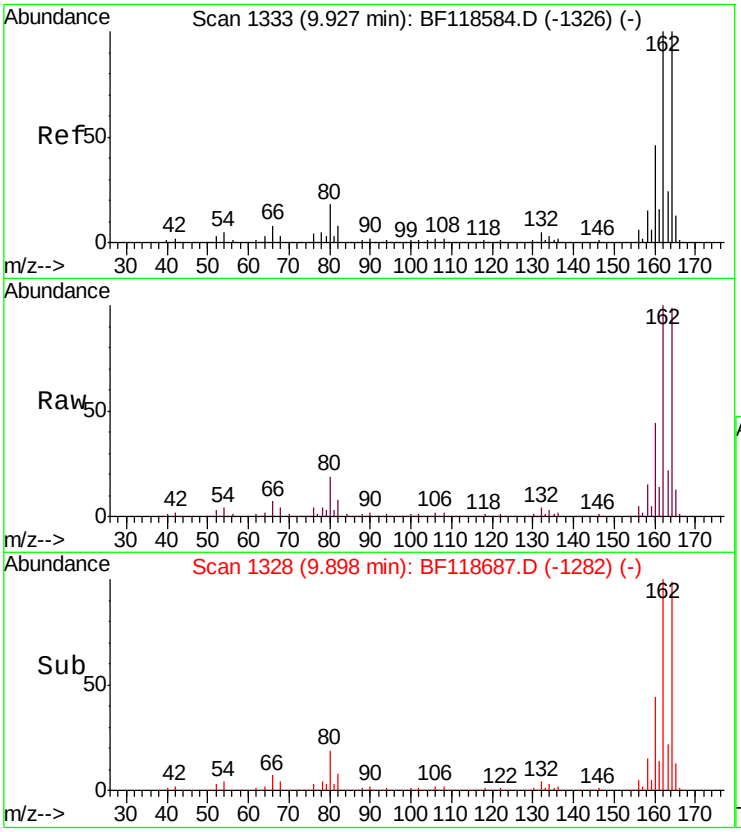


#25
Isophorone
Concen: 28.946 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.29 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion: 82 Resp: 930302

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.3	22.9#



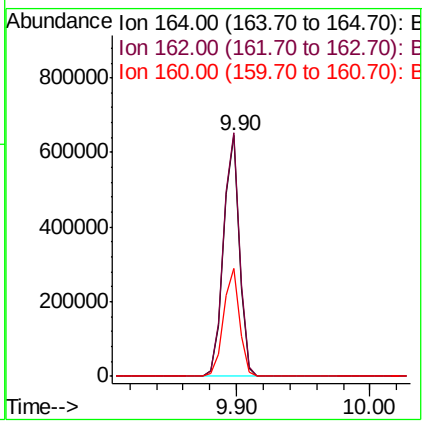


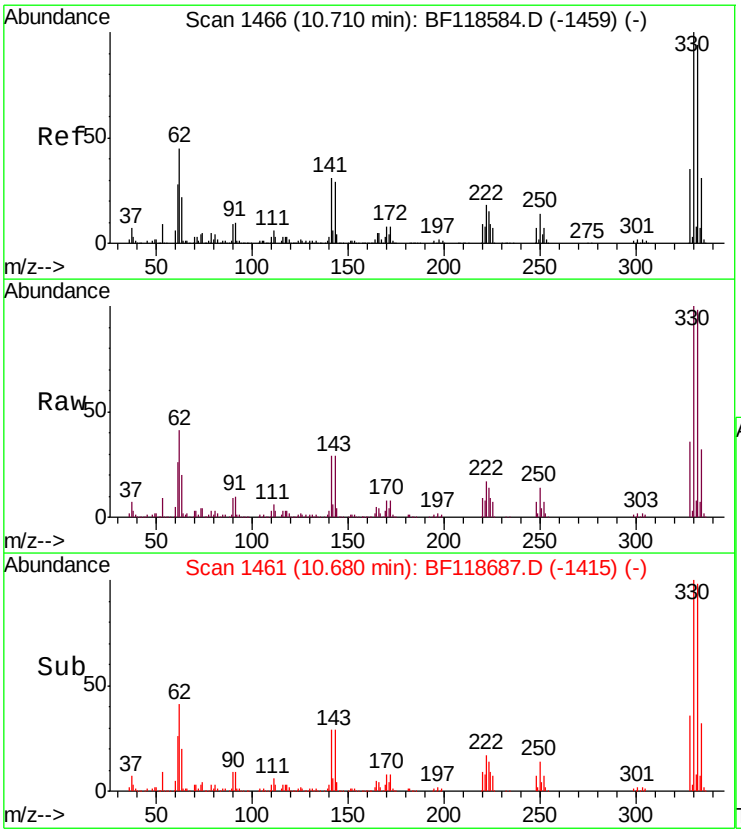
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:164 Resp: 546236

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.4	120.6
160	44.6	36.6	55.0

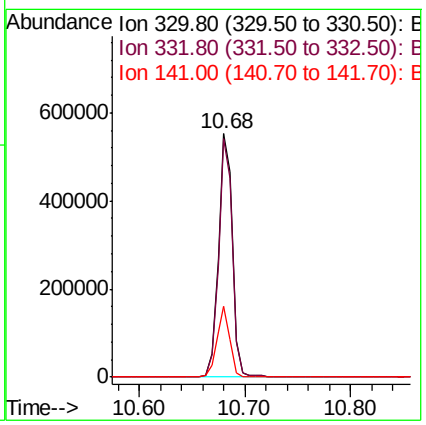


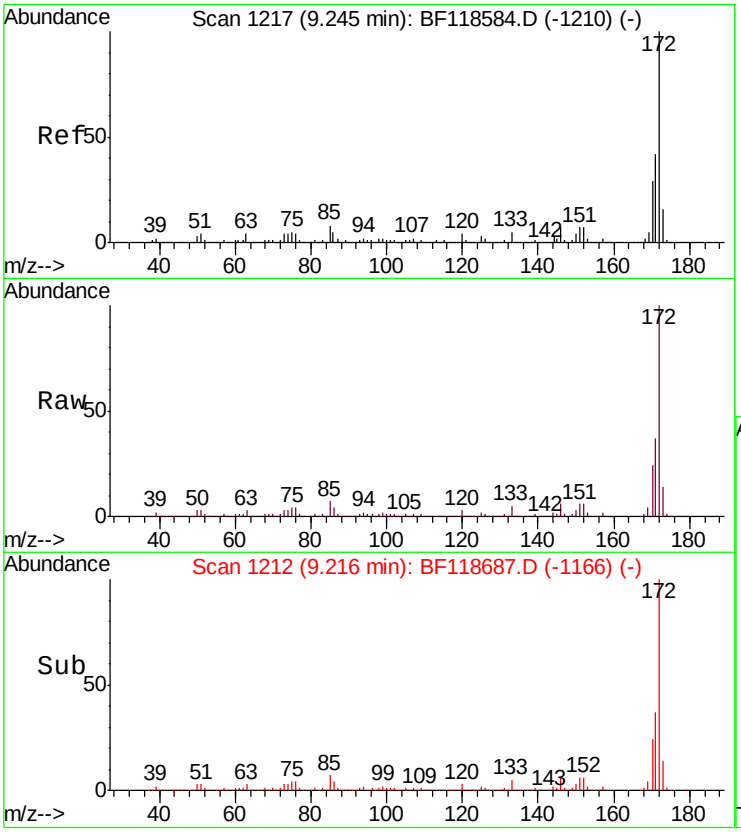


#42
2,4,6-Tribromophenol
Concen: 81.373 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:330 Resp: 514107

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	27.2	23.9	35.9



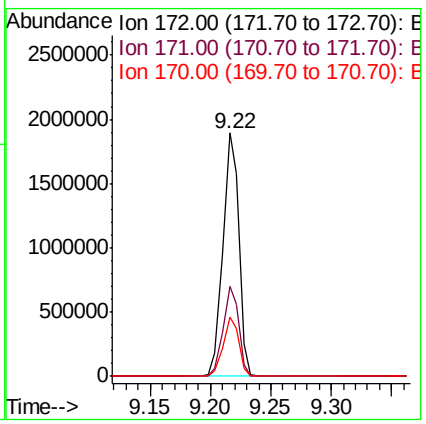


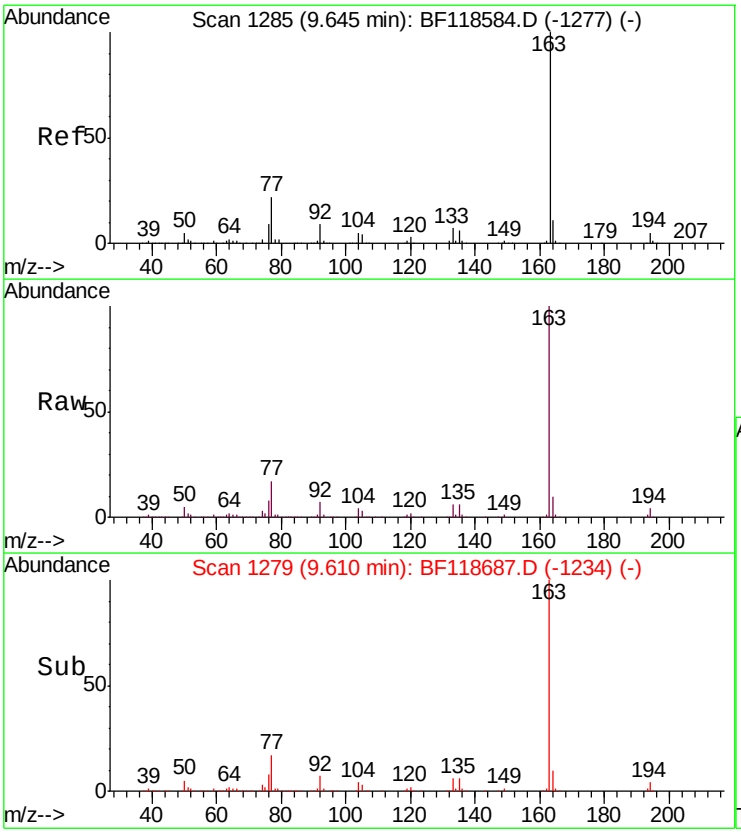
#45
2-Fluorobiphenyl
Concen: 52.002 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:172 Resp: 1728219

Ion	Ratio	Lower	Upper
172	100		
171	37.1	33.4	50.2
170	24.4	23.2	34.8

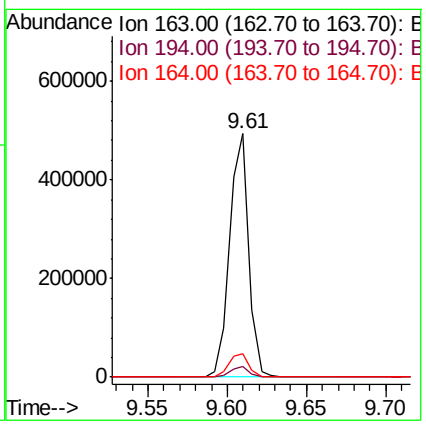


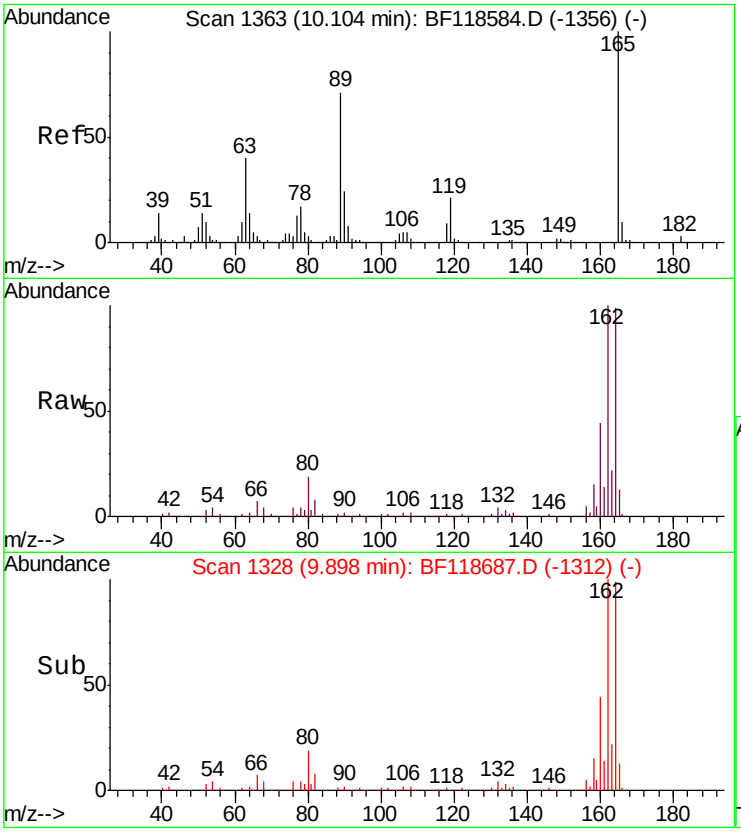


#50
Dimethylphthalate
Concen: 11.579 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:163 Resp: 412092

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	9.6	9.1	13.7



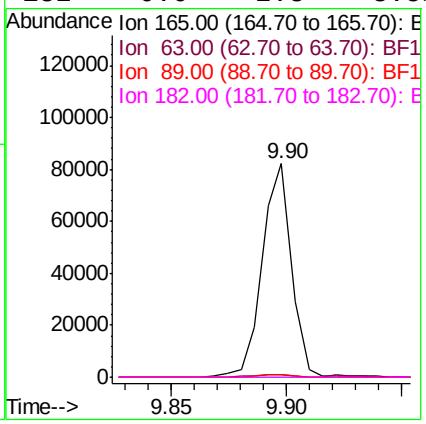


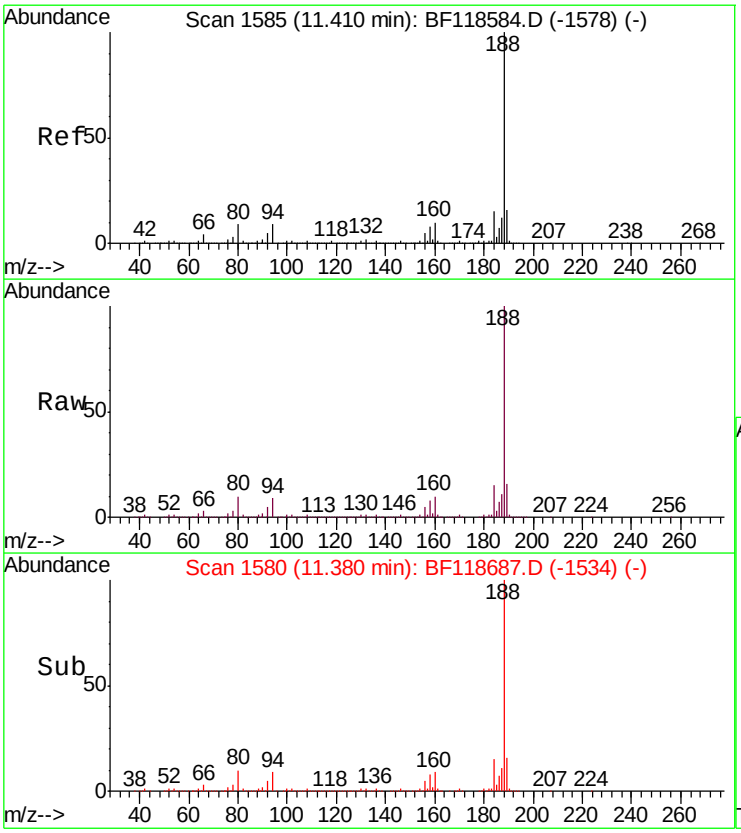
#57
2,4-Dinitrotoluene
Concen: 7.226 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:165 Resp: 72592

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.4	48.6#
89	1.0	56.4	84.6#
182	0.0	2.3	3.5#

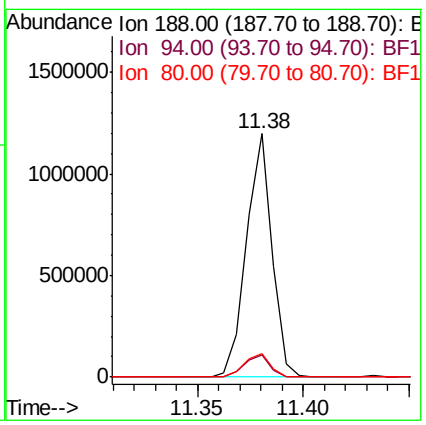


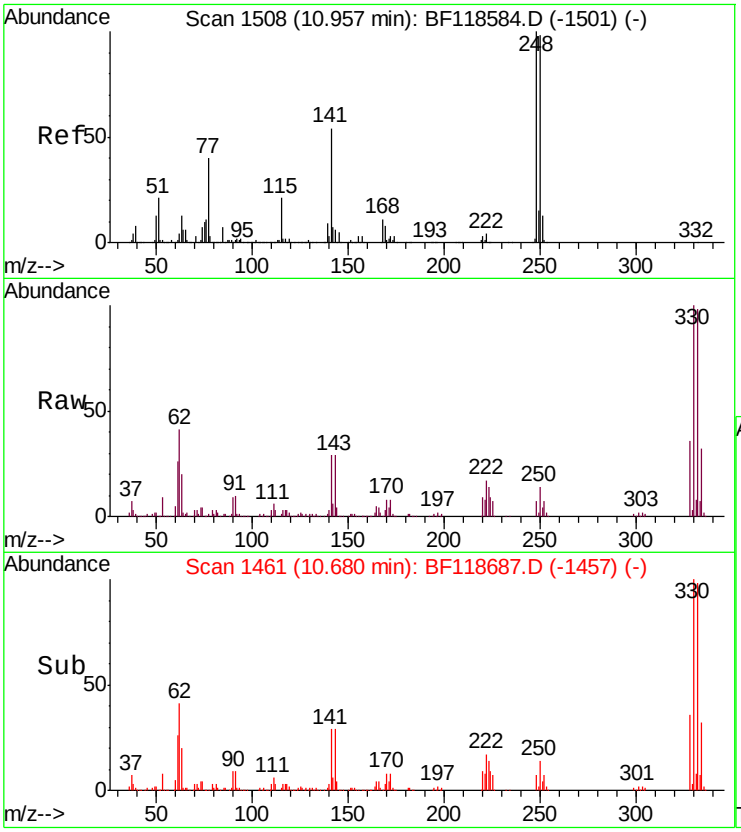


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:188 Resp: 1006492

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.6	7.5	11.3



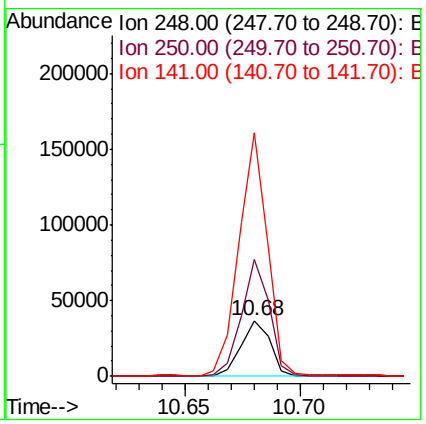


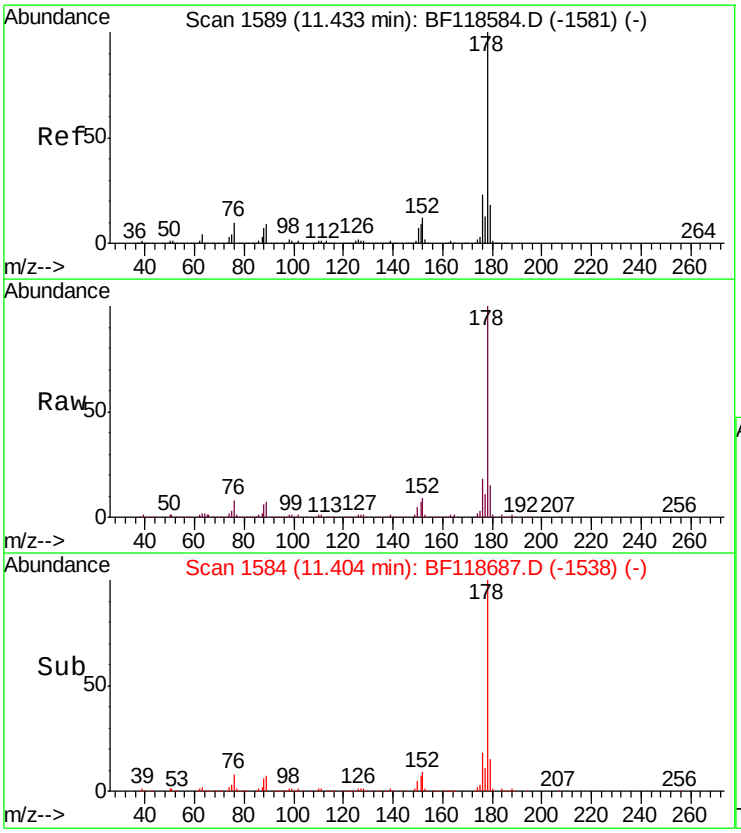
#67
4-Bromophenyl-phenylether
Concen: 2.646 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.28 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:248 Resp: 32903

Ion	Ratio	Lower	Upper
248	100		
250	210.1	78.7	118.1#
141	439.1	43.2	64.8#

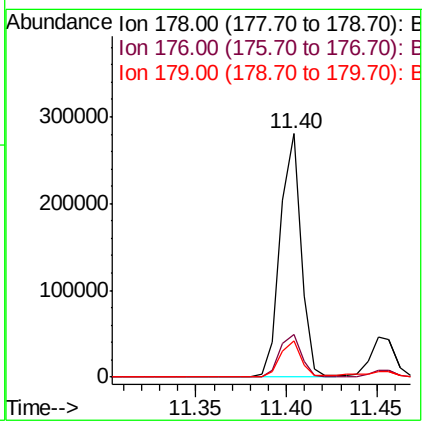


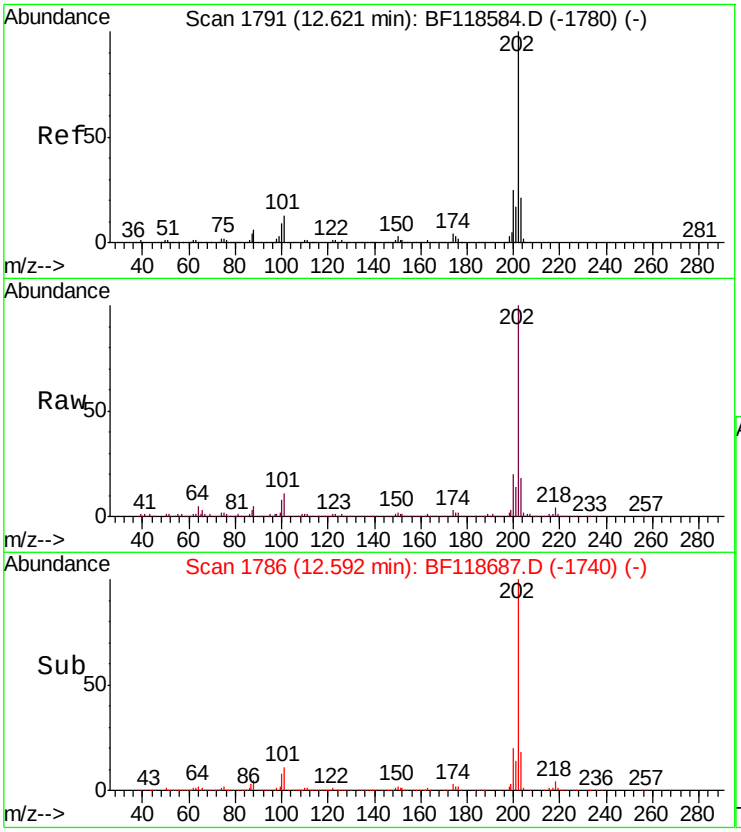


#71
Phenanthrene
Concen: 4.635 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:178 Resp: 225066

Ion	Ratio	Lower	Upper
178	100		
176	17.8	18.6	27.8#
179	14.9	14.7	22.1



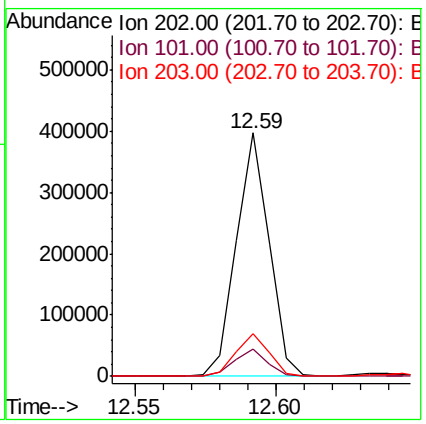


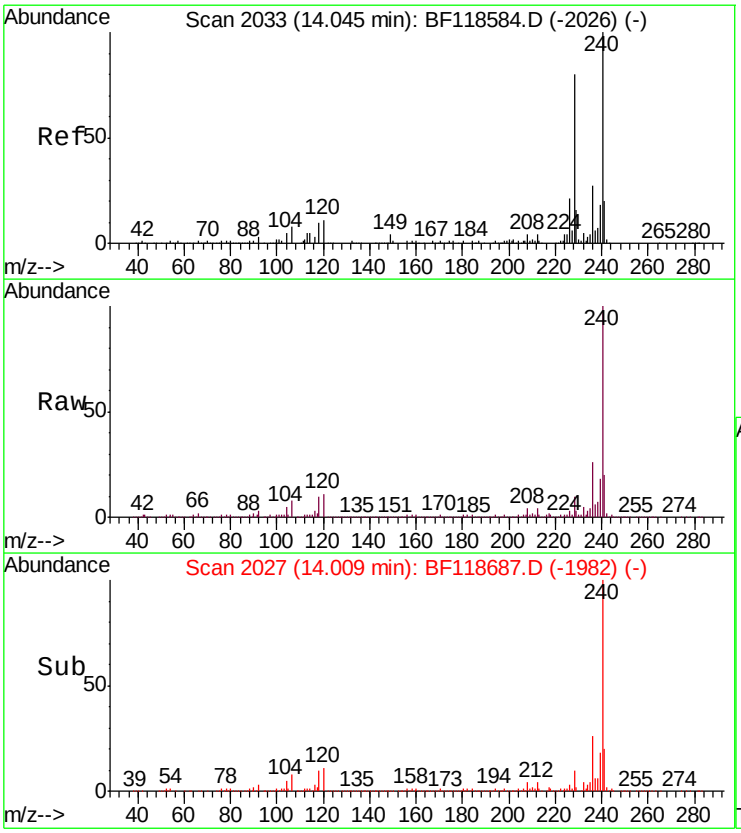
#75
Fluoranthene
Concen: 6.210 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:202 Resp: 318044

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.5
203	17.7	0.8	40.8

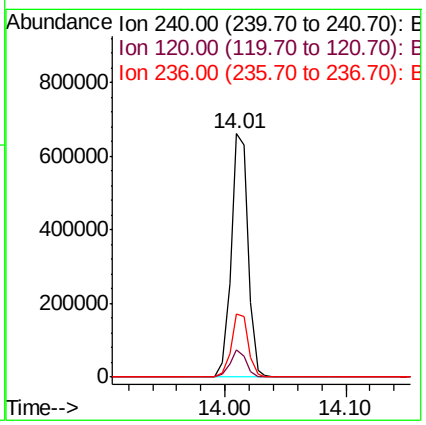


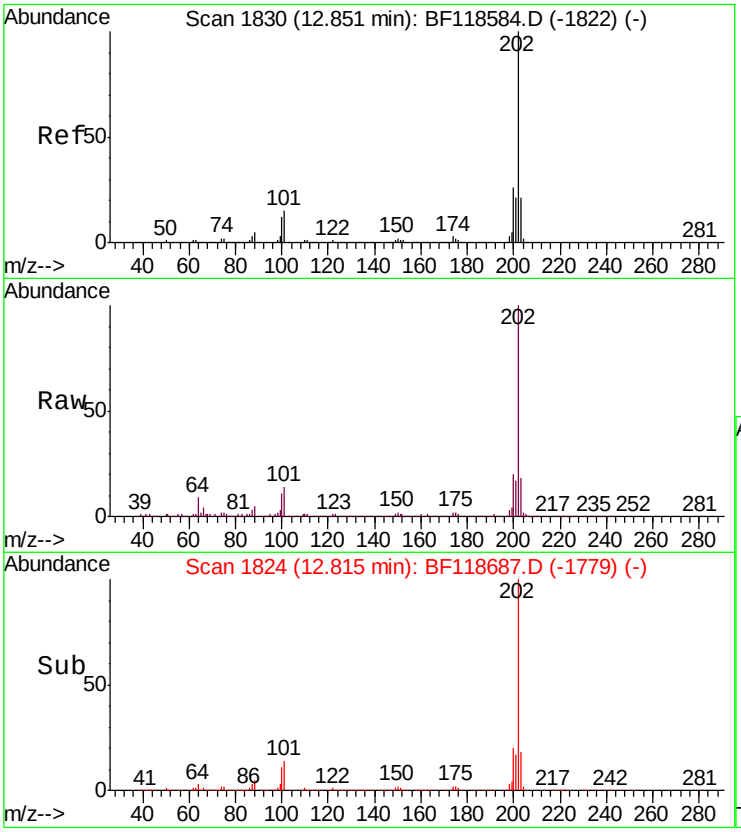


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:240 Resp: 646274

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.9	21.5	32.3



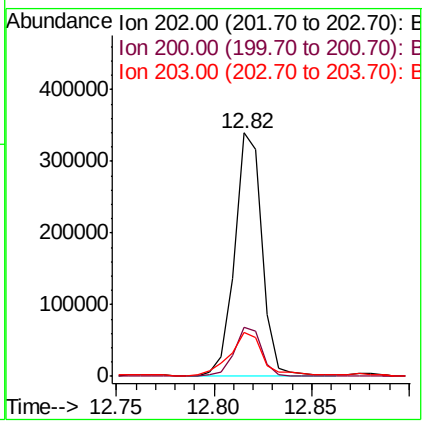


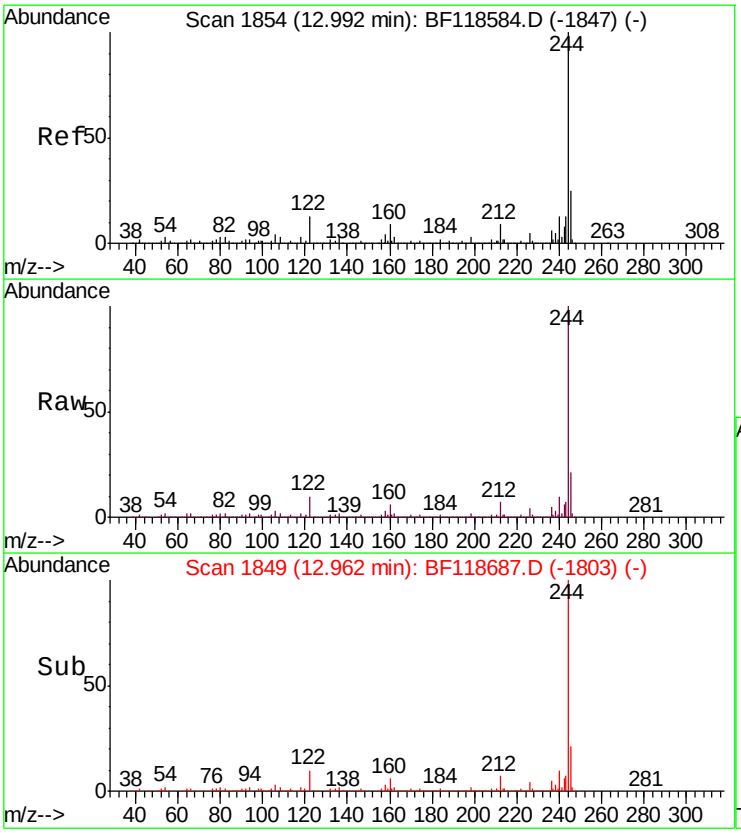
#78
Pyrene
Concen: 7.459 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.04 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:202 Resp: 327291

Ion	Ratio	Lower	Upper
202	100		
200	20.2	20.6	31.0#
203	18.1	16.8	25.2

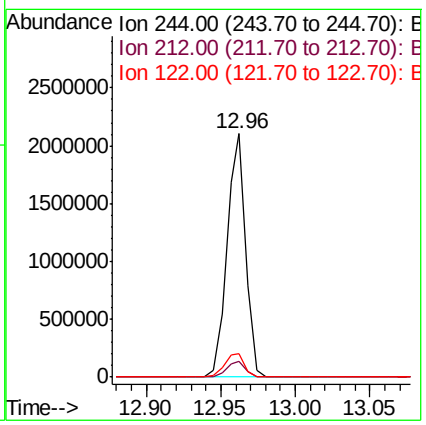


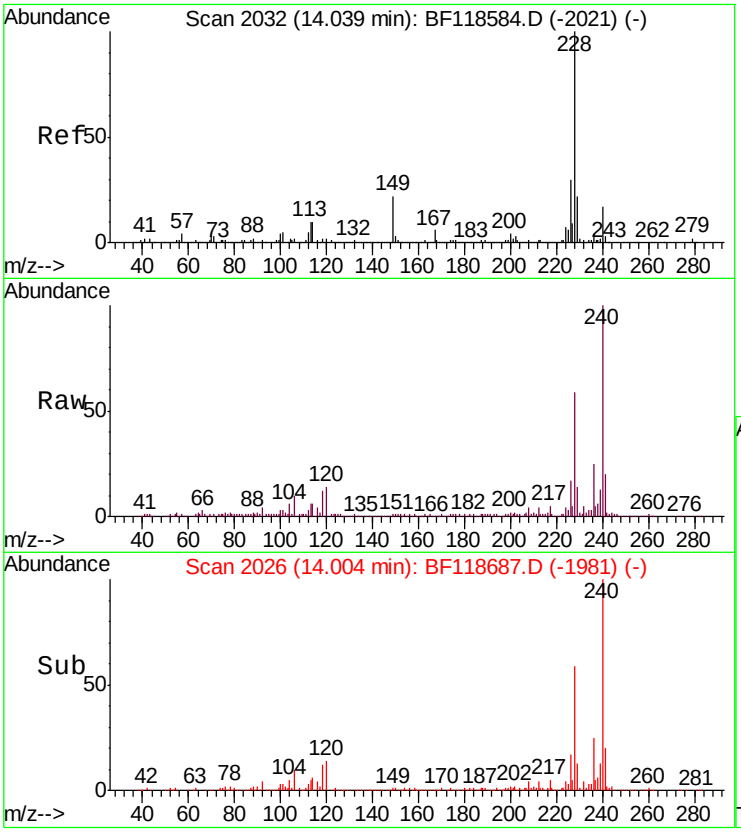


#79
Terphenyl-d14
Concen: 62.692 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.03 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:244 Resp: 1857613

Ion	Ratio	Lower	Upper
244	100		
212	6.6	7.0	10.4#
122	9.6	10.7	16.1#



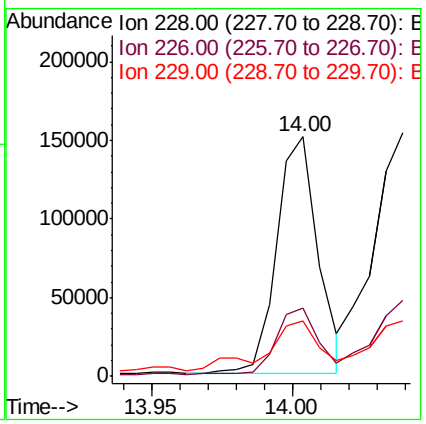


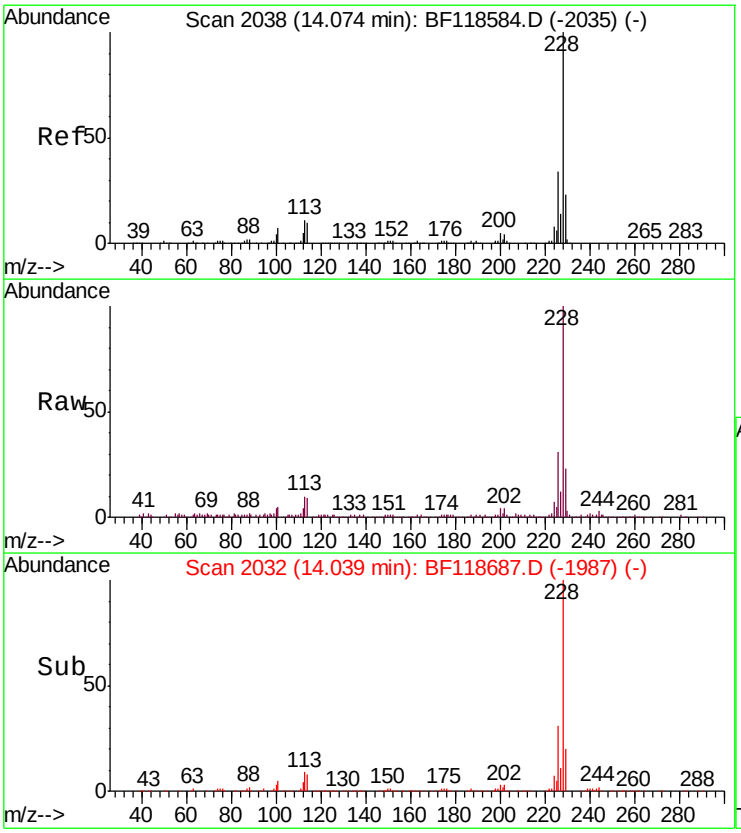
#81
Benzo(a)anthracene
Concen: 3.910 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:228 Resp: 151995

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.1	36.1
229	23.2	17.6	26.4

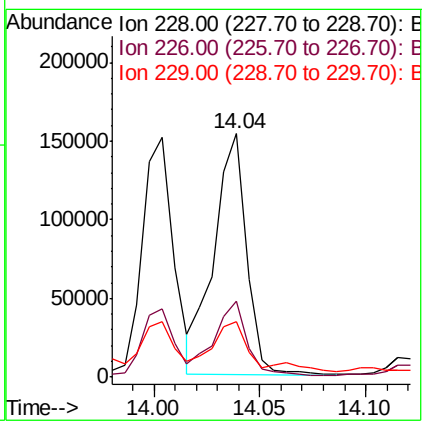


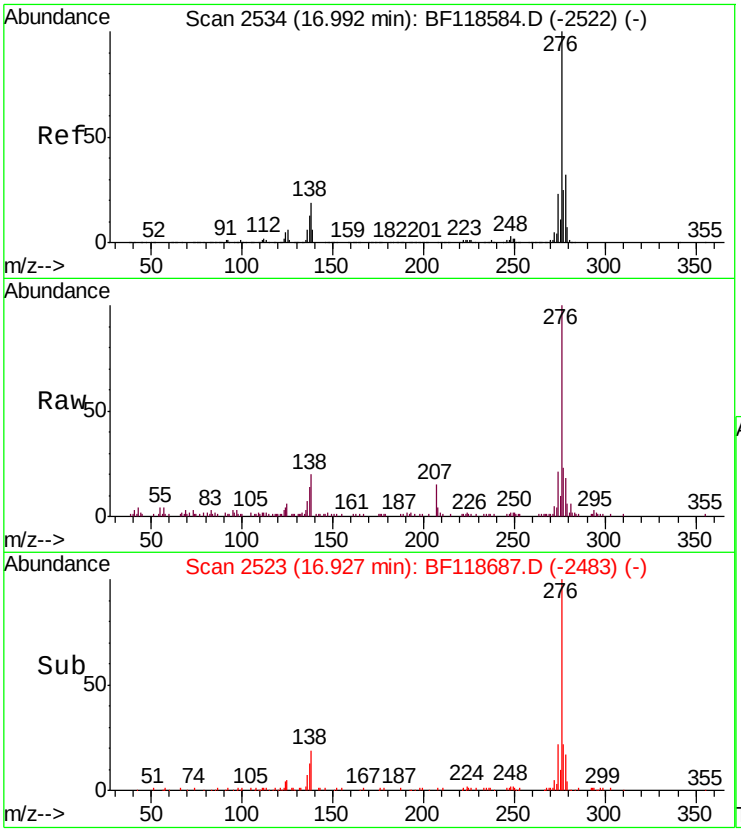


#83
Chrysene
Concen: 4.398 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:228 Resp: 163861

Ion	Ratio	Lower	Upper
228	100		
226	31.0	27.4	41.0
229	22.8	18.3	27.5



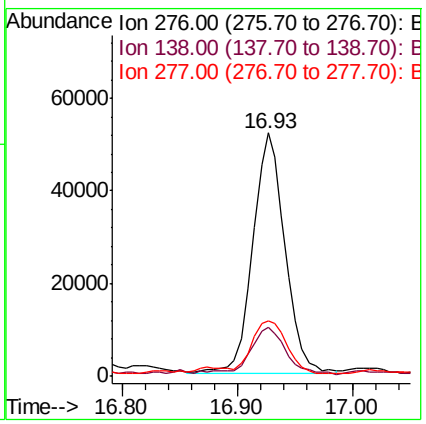


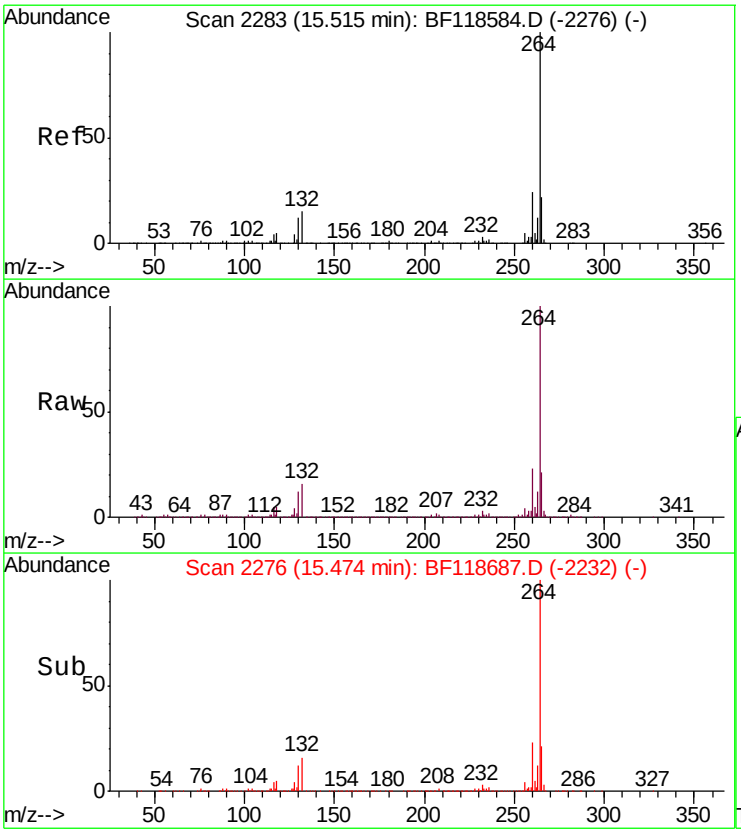
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.125 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.06 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:276 Resp: 101187

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.2	25.8
277	23.3	20.5	30.7

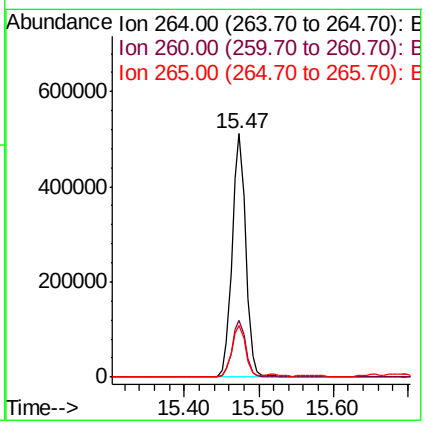


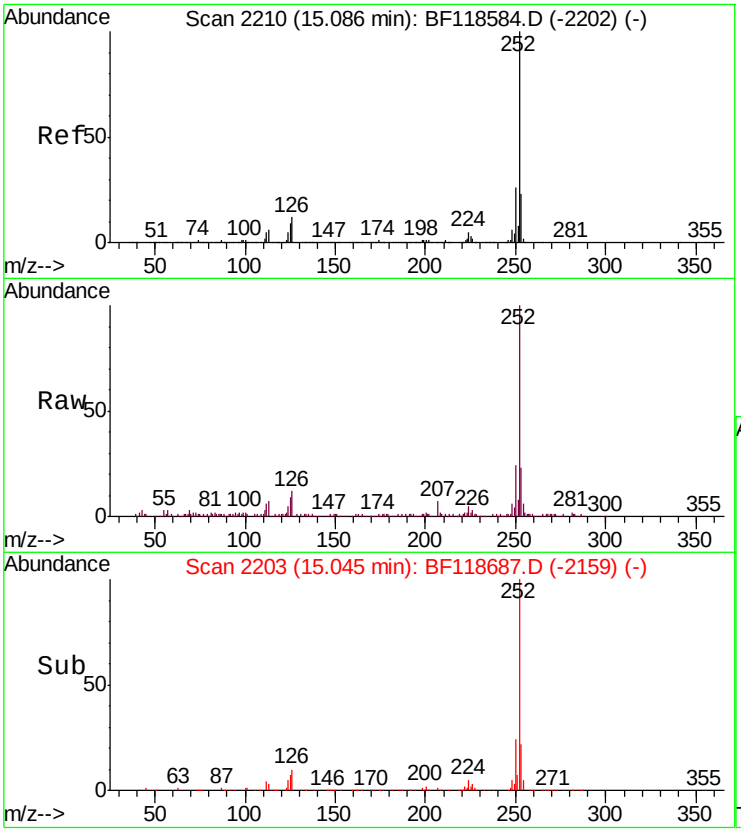


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:264 Resp: 658996

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.4	17.7	26.5



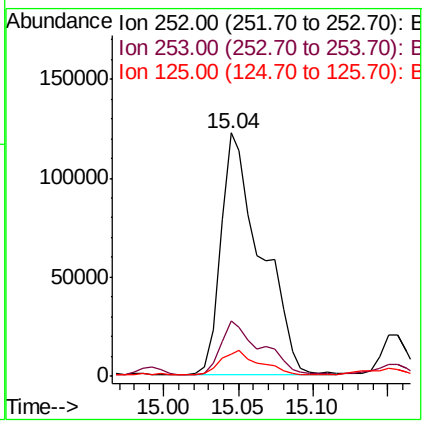


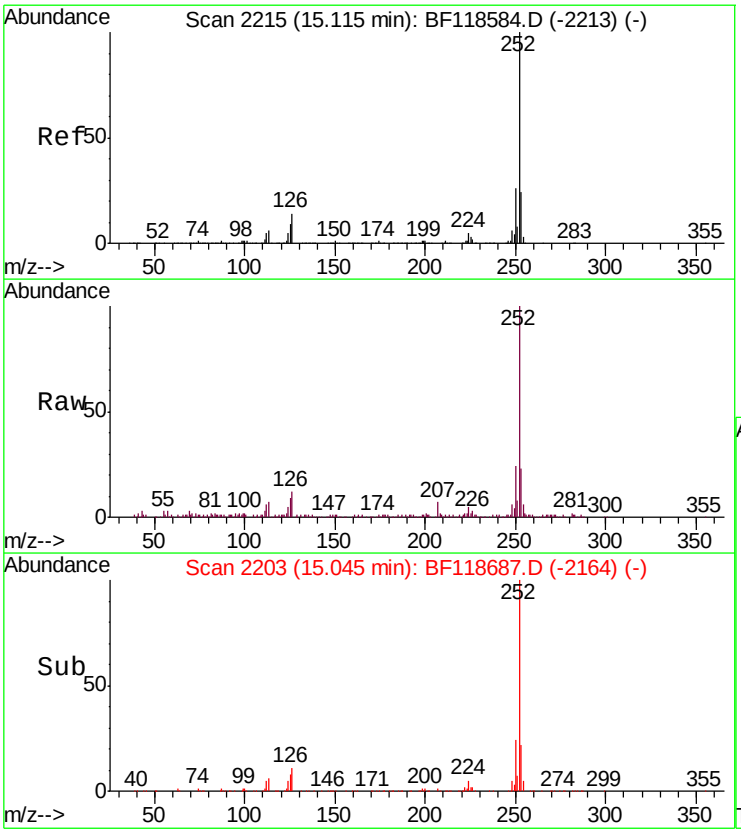
#88
Benzo(b)fluoranthene
Concen: 5.530 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:252 Resp: 229050

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	9.3	7.3	10.9

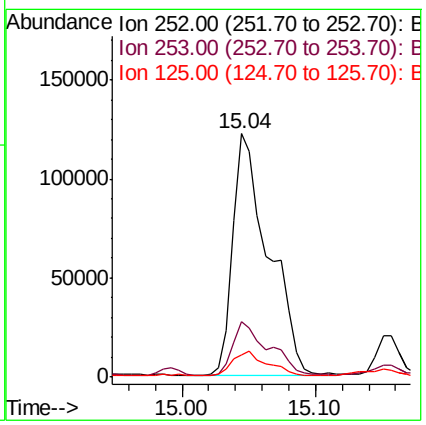


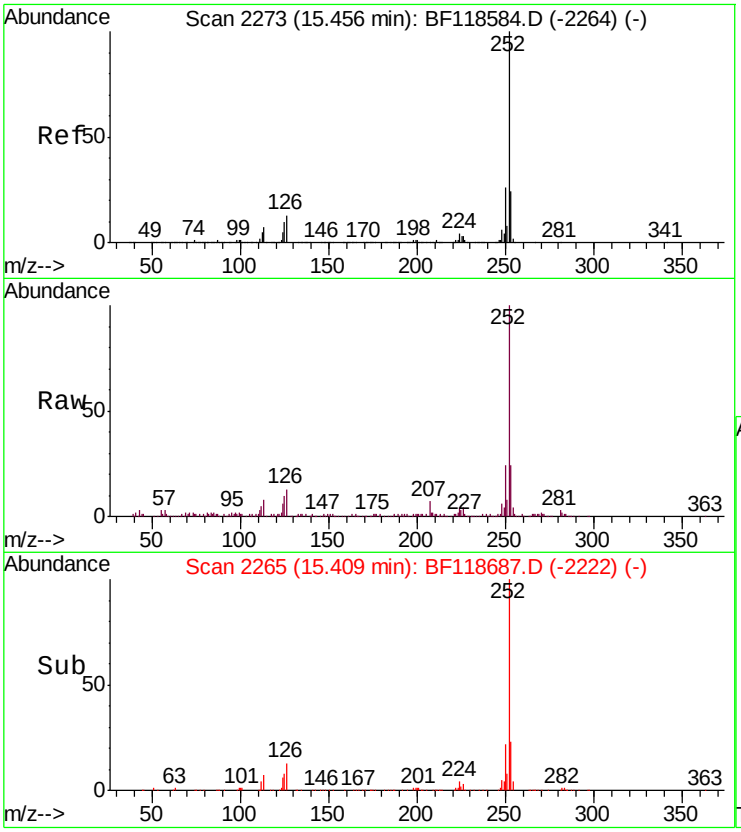


#89
Benzo(k)fluoranthene
Concen: 5.951 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.07 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:252 Resp: 228386

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.4
125	9.3	7.6	11.4



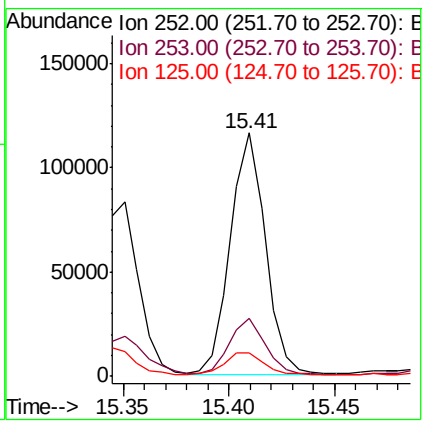


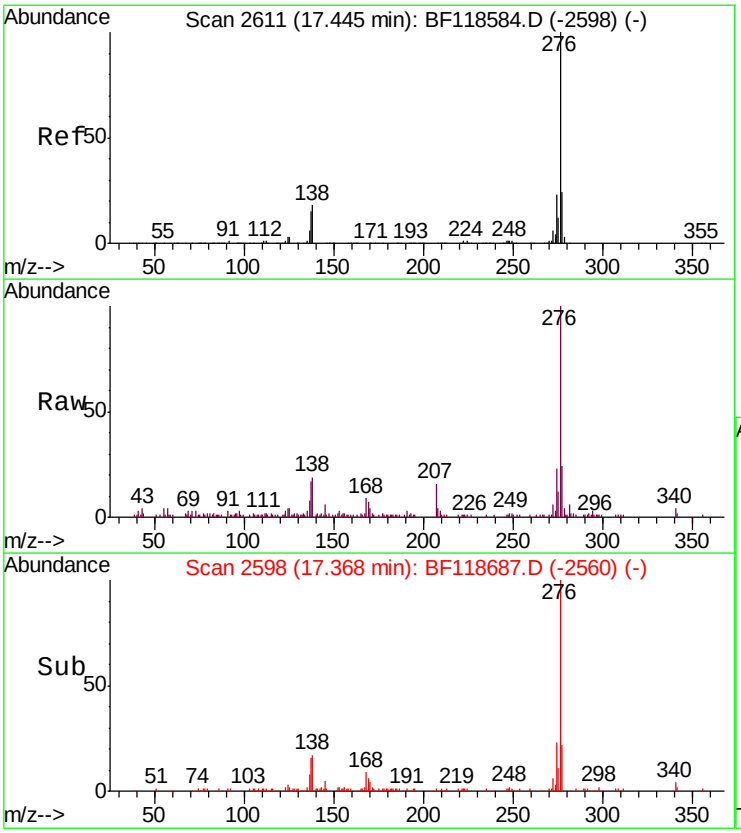
#90
Benzo(a)pyrene
Concen: 3.739 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
NS-TP

Tgt Ion:252 Resp: 133617

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.8	28.2
125	9.5	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 3.518 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.08 min
Lab File: BF118687.D
Acq: 24 Jan 2020 15:56

Tgt Ion:276 Resp: 107965

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	19.0	14.4	21.6