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

Quantitation Report (Not Reviewed)

Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-BC-0-3.5

Quant Time: Jan 27 01:03:10 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	285548	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	1007271	20.00	ng		-0.02
39) Acenaphthene-d10	9.90	164	543487	20.00	ng		-0.03
64) Phenanthrene-d10	11.38	188	865753	20.00	ng		-0.03
76) Chrysene-d12	14.02	240	584462	20.00	ng		-0.03
87) Perylene-d12	15.49	264	693062	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	787327	51.21	ng		-0.02
7) Phenol-d6	6.49	99	983887	49.24	ng		-0.02
23) Nitrobenzene-d5	7.42	82	583428	32.40	ng		-0.03
42) 2,4,6-Tribromophenol	10.68	330	245635	39.08	ng		-0.03
45) 2-Fluorobiphenyl	9.22	172	1056635	31.95	ng		-0.03
79) Terphenyl-d14	12.96	244	932822	34.81	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	80476	5.964	ng	#	76
25) Isophorone	7.42	82	580581	17.676	ng	#	64
50) Dimethylphthalate	9.61	163	187223	5.287	ng		96
57) 2,4-Dinitrotoluene	9.90	165	71947	7.198	ng	#	25
58) Fluorene	10.45	166	74490	2.305	ng		100
71) Phenanthrene	11.40	178	857736	20.536	ng		93
72) Anthracene	11.46	178	245538	5.941	ng		92
75) Fluoranthene	12.59	202	1131268	25.680	ng		96
78) Pyrene	12.82	202	878852	22.149	ng		92
81) Benzo(a)anthracene	14.00	228	429230	12.208	ng		99
83) Chrysene	14.04	228	373752	11.092	ng		94
86) Indeno(1,2,3-cd)pyrene	16.94	276	191598	6.544	ng		95
88) Benzo(b)fluoranthene	15.06	252	662351	15.204	ng	#	96
89) Benzo(k)fluoranthene	15.06	252	662351	16.411	ng	#	97
90) Benzo(a)pyrene	15.42	252	347257	9.241	ng	#	98
92) Benzo(g,h,i)perylene	17.39	276	164589	5.099	ng		95

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

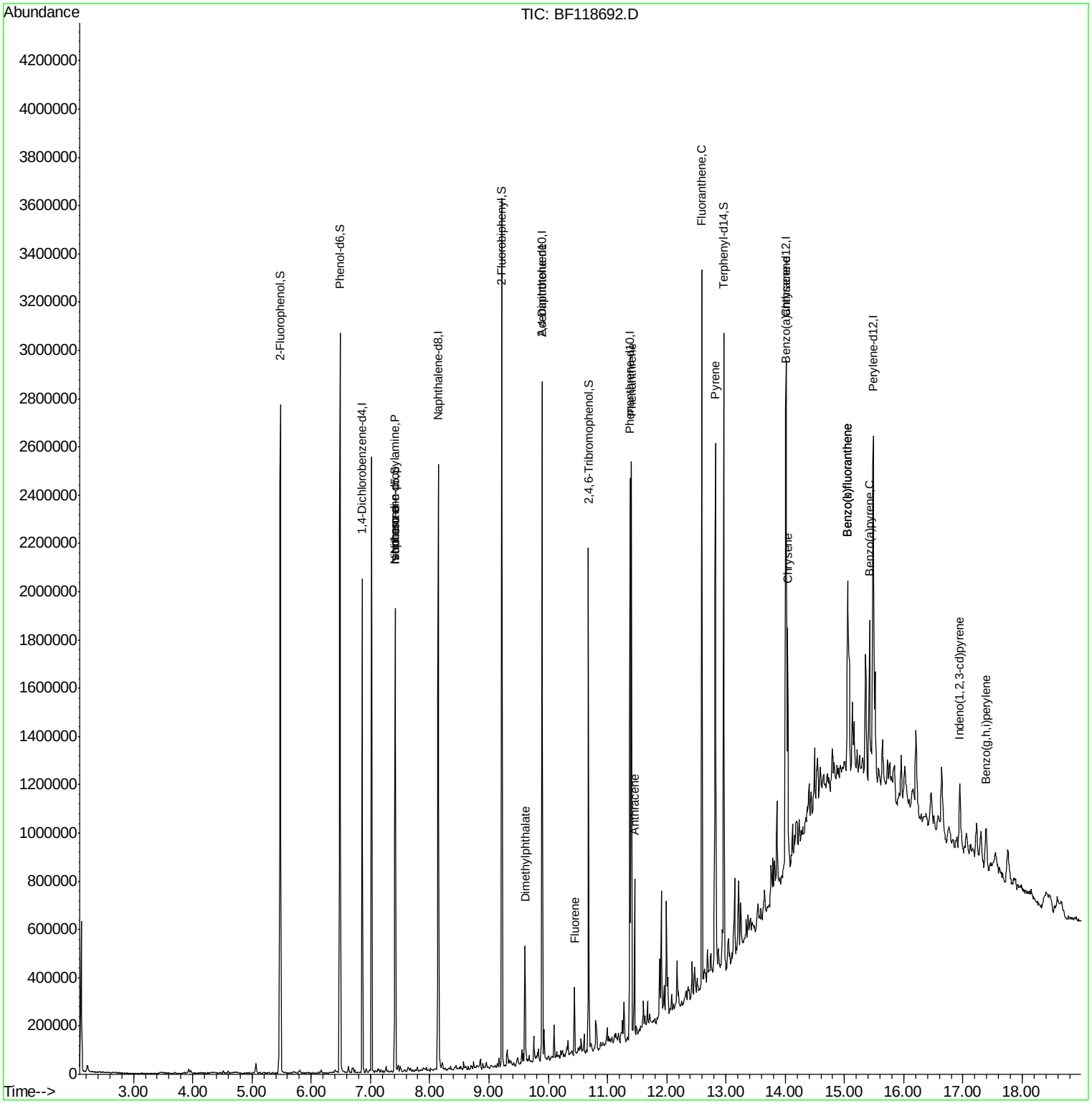
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\

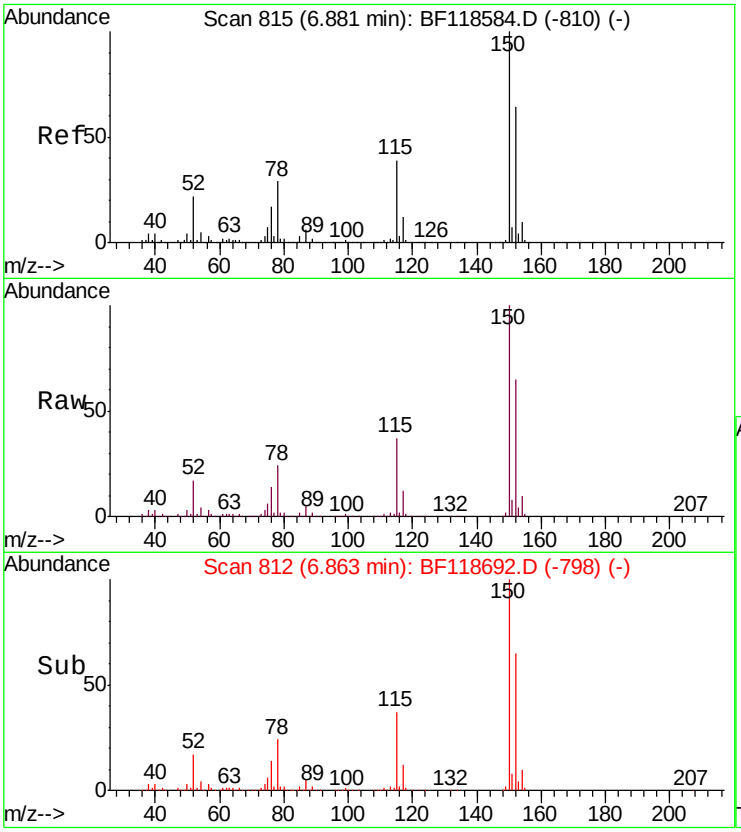
Quantitation Report (Not Reviewed)

Data File : BF118692.D
Acq On : 24 Jan 2020 18:17
Operator : CG/JU
Sample : L1243-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Quant Time: Jan 27 01:03:10 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



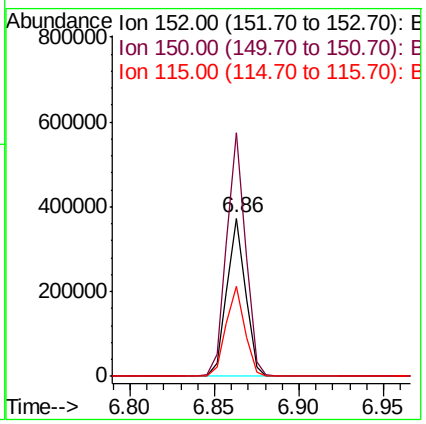


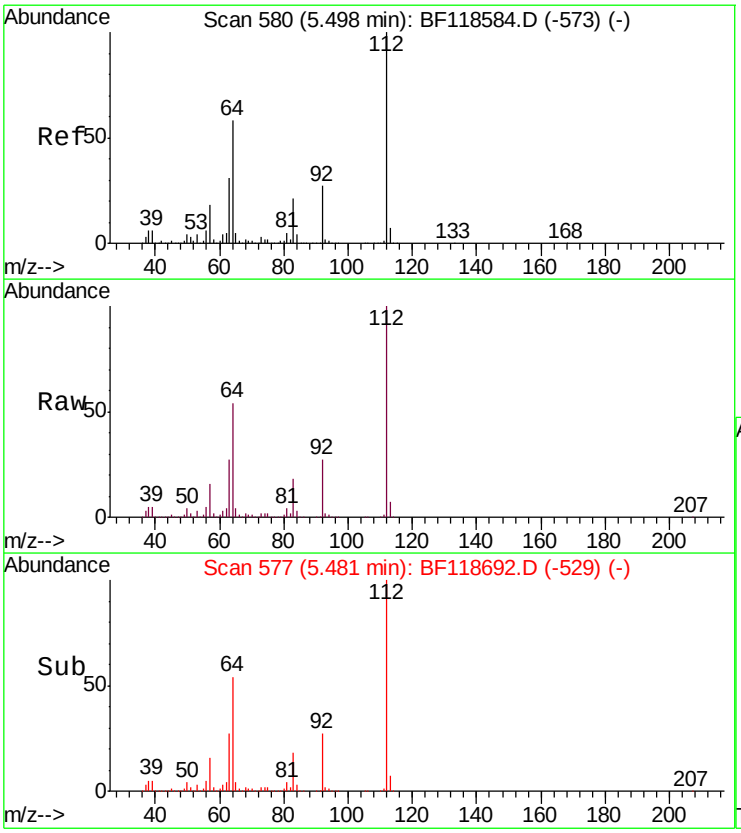
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:152 Resp: 285548

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.6	188.4
115	56.7	48.4	72.6

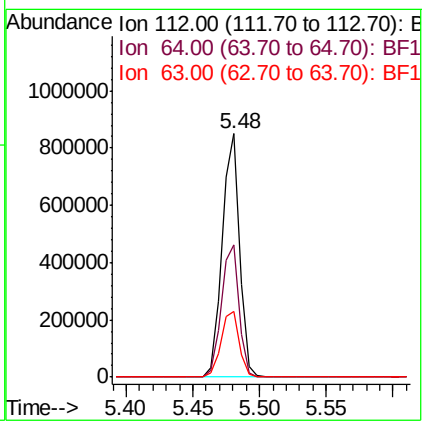


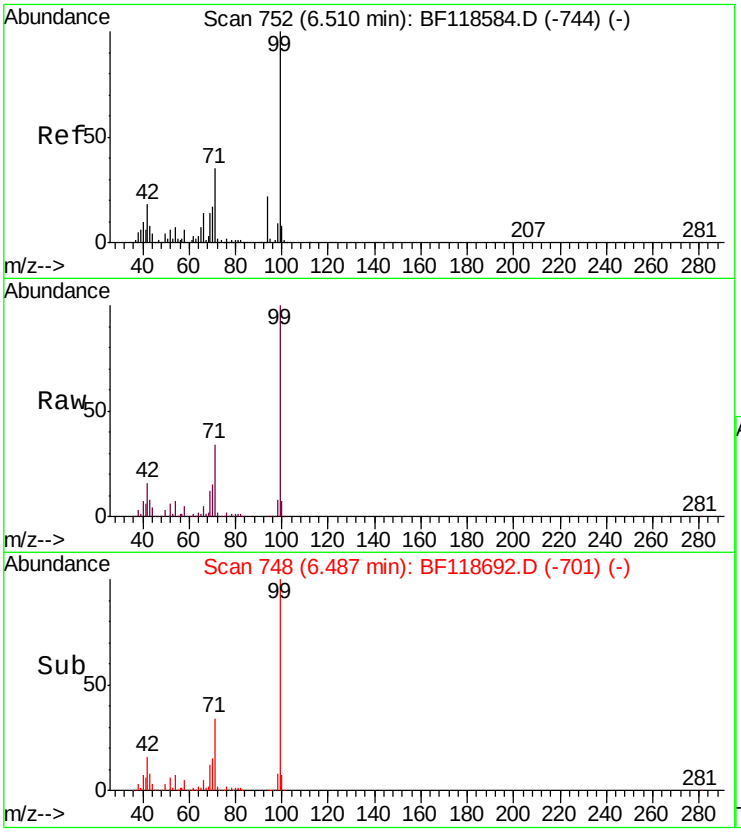


#5
2-Fluorophenol
Concen: 51.209 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:112 Resp: 787327

Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.6	70.0
63	27.2	25.1	37.7



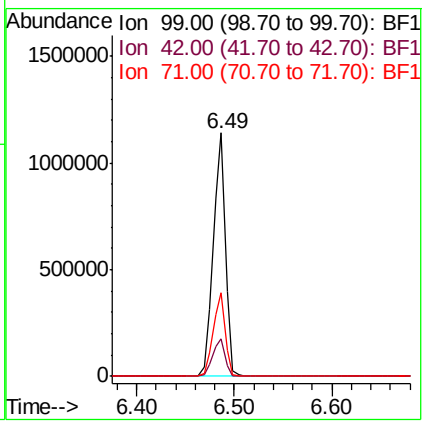


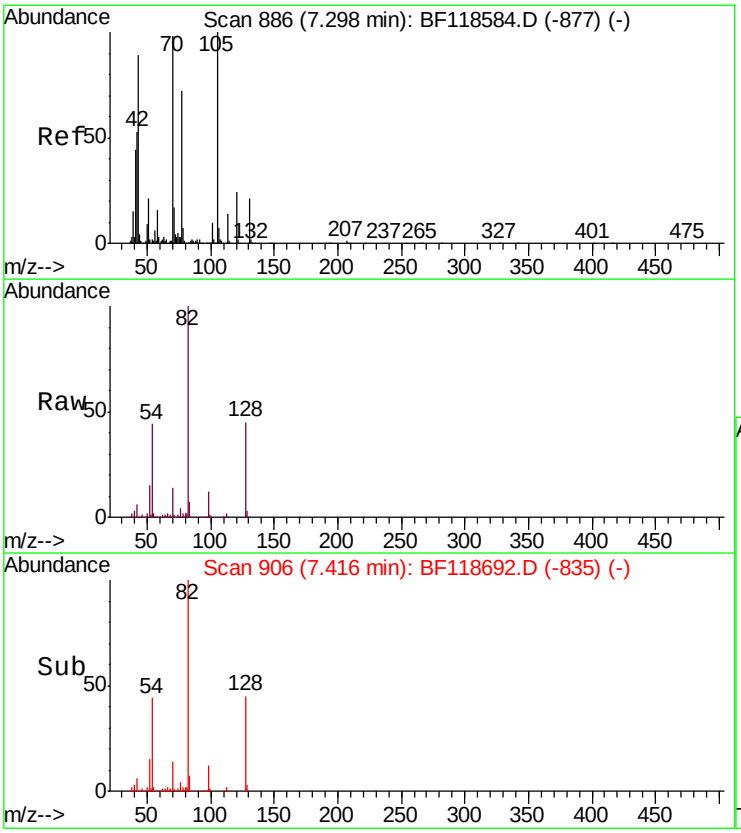
#7
Phenol-d6
Concen: 49.236 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion: 99 Resp: 983887

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.2	21.2
71	34.4	27.8	41.6

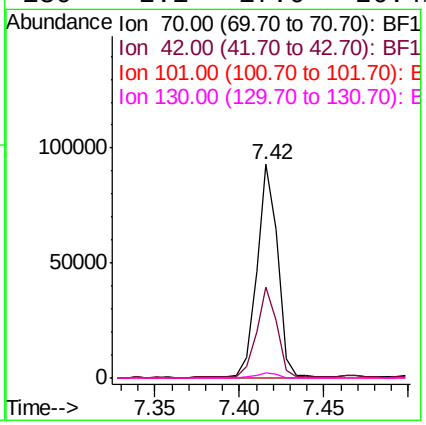


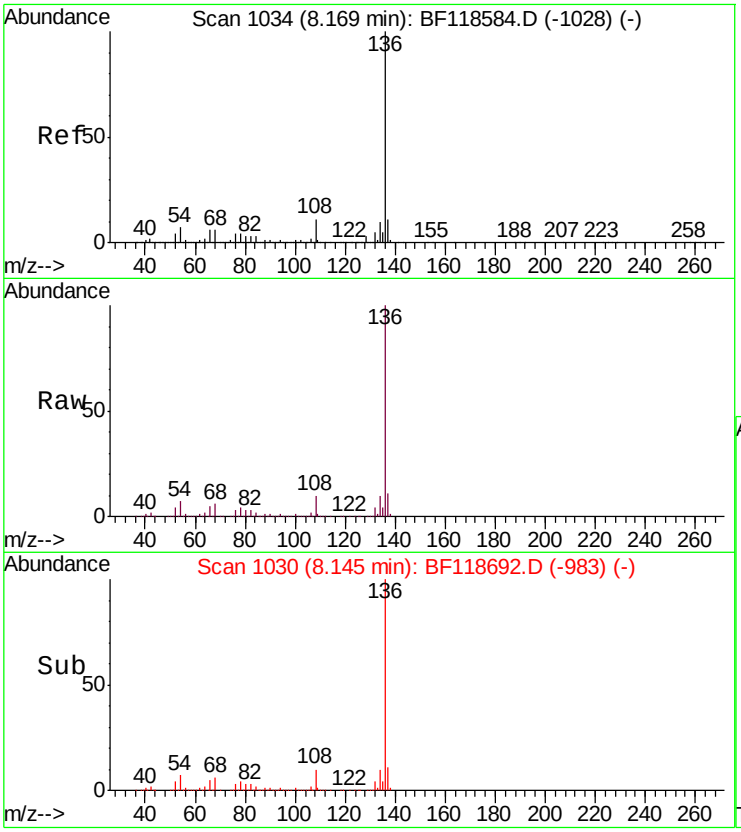


#19
n-Nitroso-di-n-propylamine
Concen: 5.964 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.12 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion: 70 Resp: 80476

Ion	Ratio	Lower	Upper
70	100		
42	42.7	43.4	65.0#
101	0.0	8.1	12.1#
130	2.1	17.6	26.4#



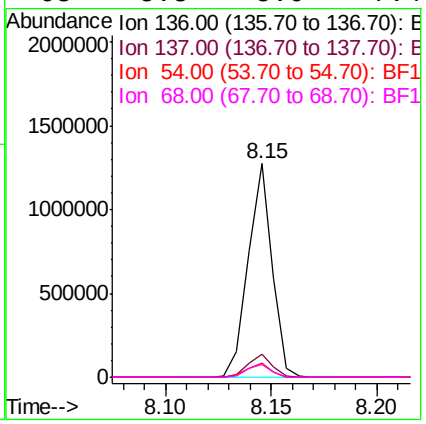


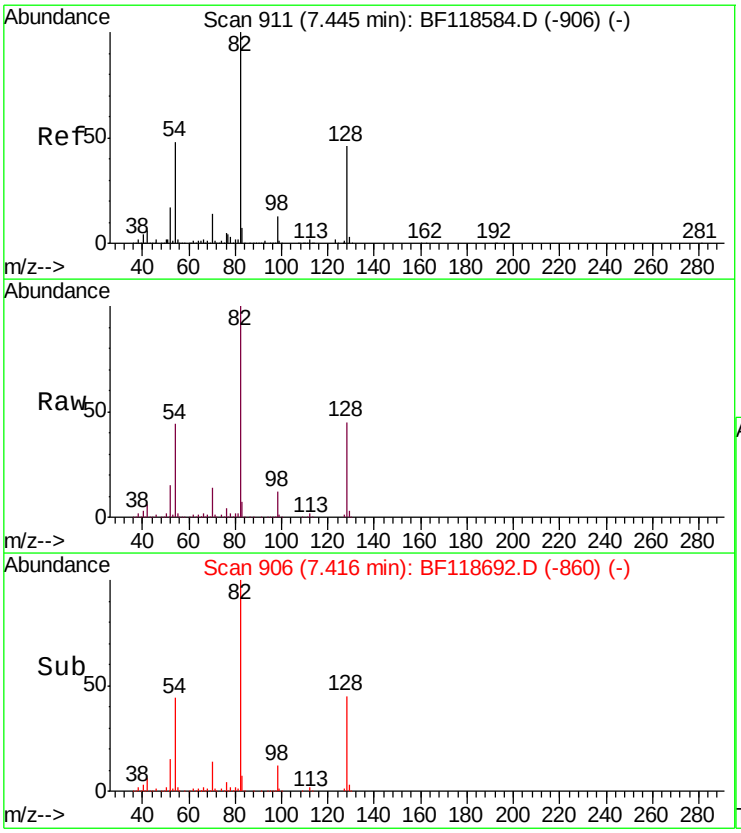
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:136 Resp: 1007271

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.6	5.8	8.6
68	5.8	5.0	7.4

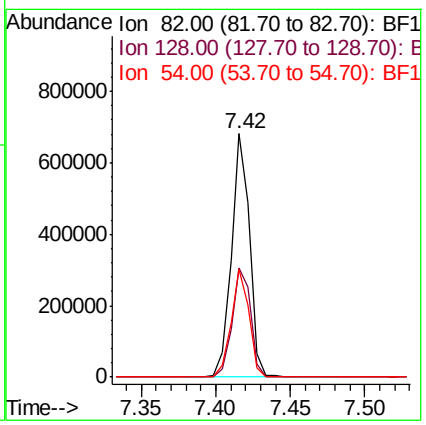


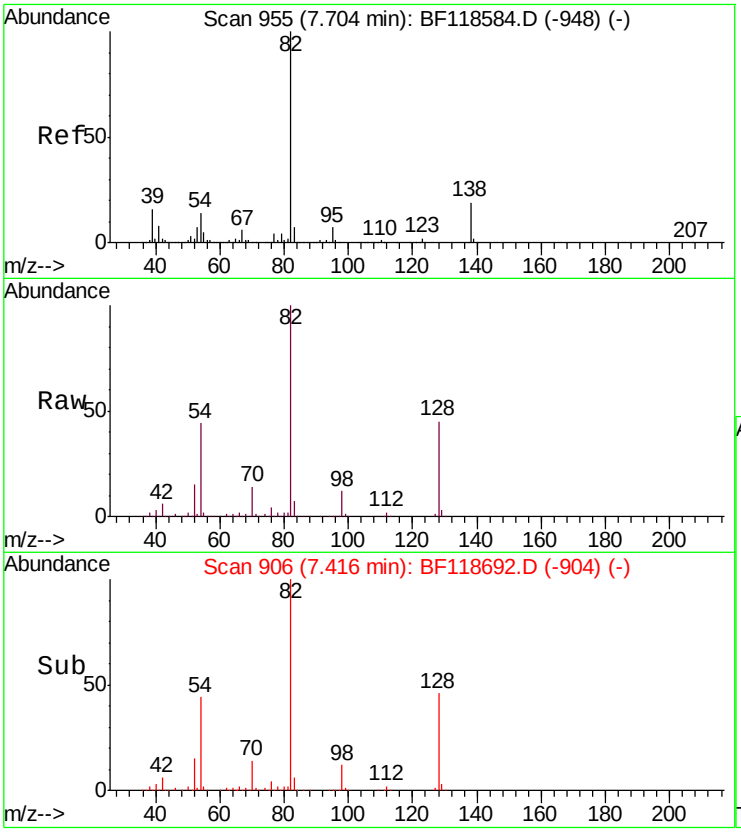


#23
Nitrobenzene-d5
Concen: 32.398 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion: 82 Resp: 583428

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.6	54.8
54	44.2	38.0	57.0



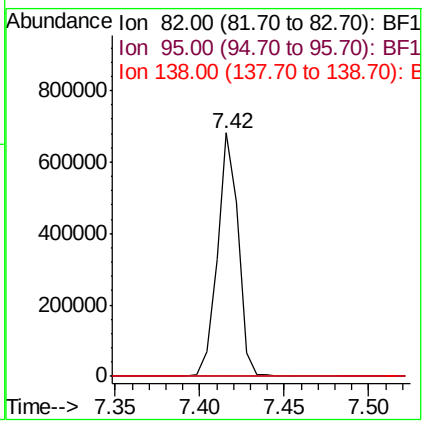


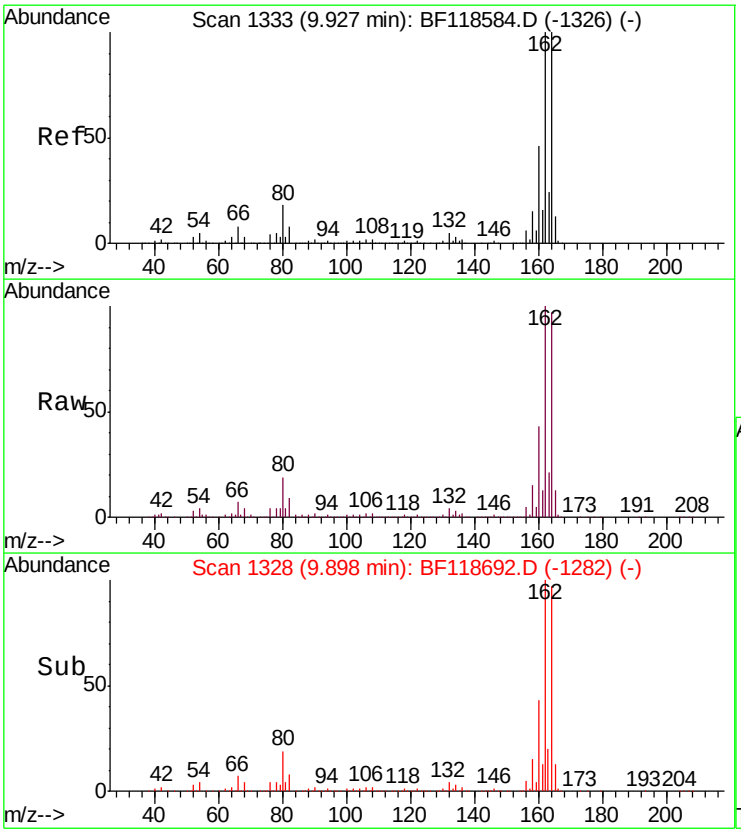
#25
Isophorone
Concen: 17.676 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.29 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion: 82 Resp: 580581

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

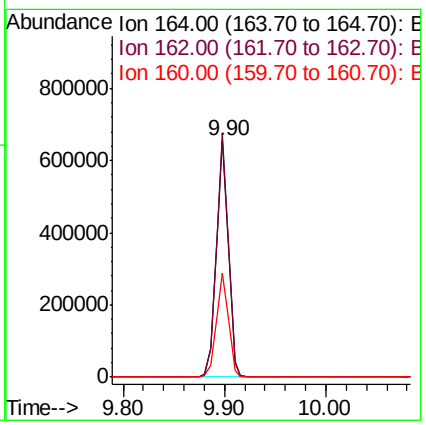


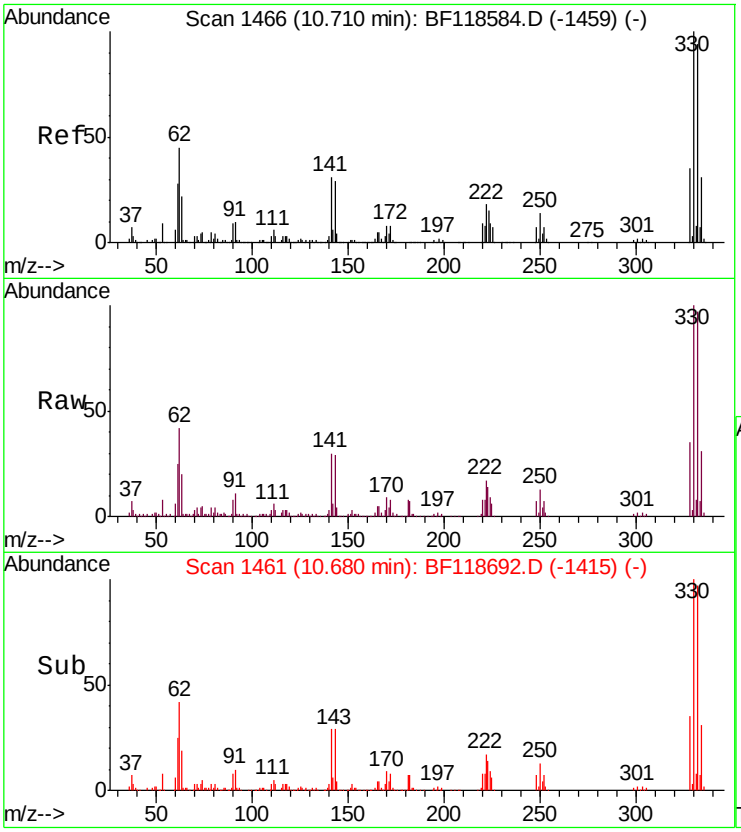


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:164 Resp: 543487

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.4	120.6
160	44.2	36.6	55.0



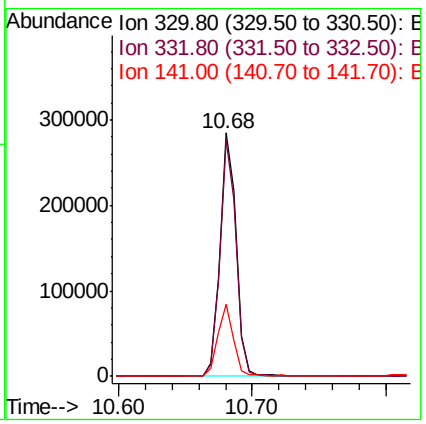


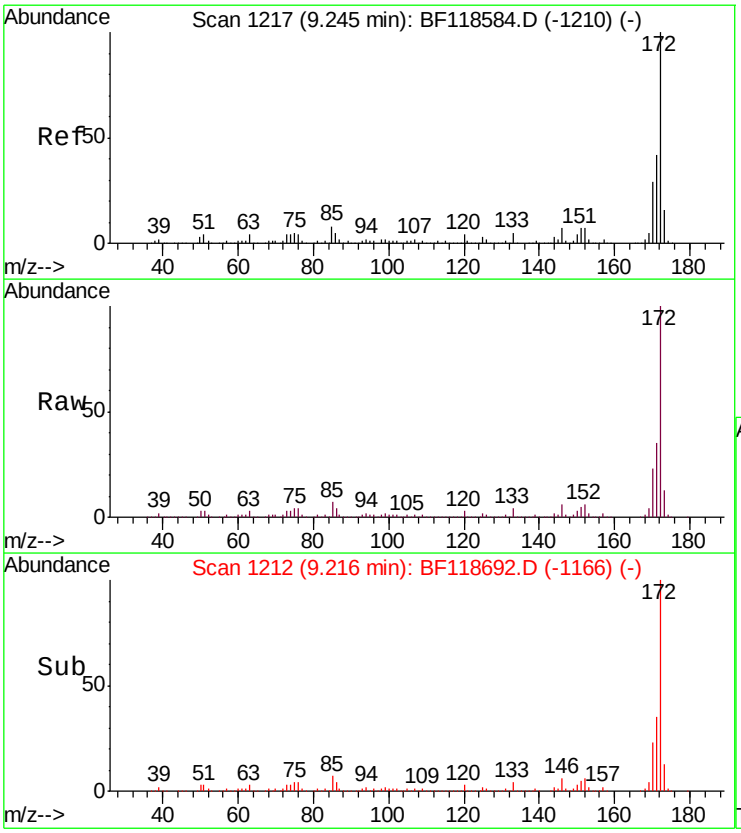
#42
2,4,6-Tribromophenol
Concen: 39.076 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:330 Resp: 245635

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	28.5	23.9	35.9

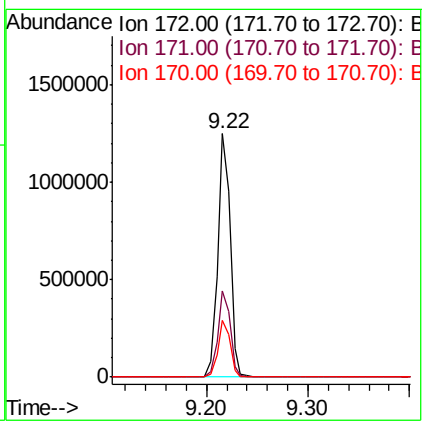


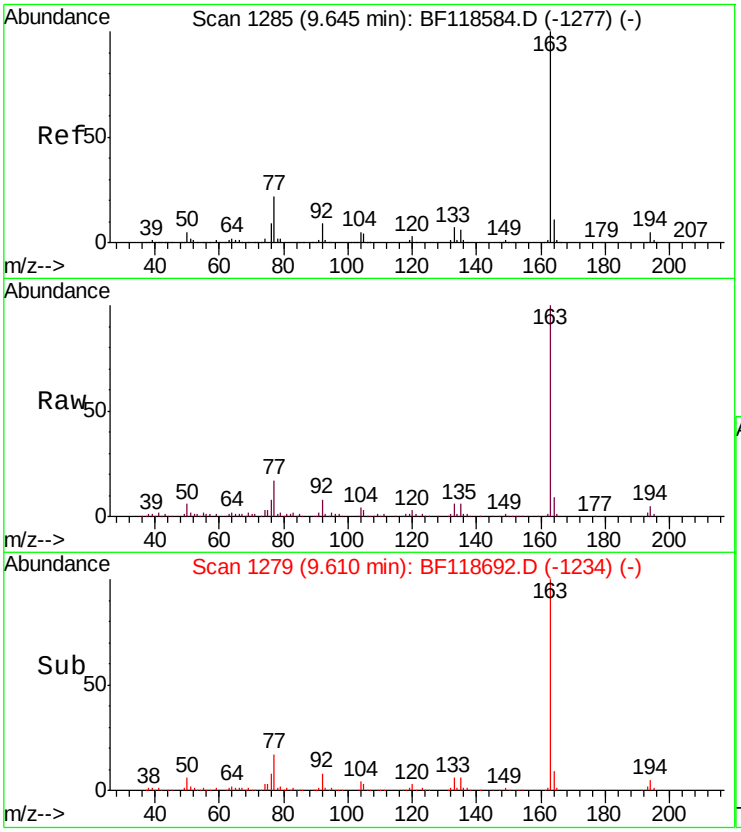


#45
2-Fluorobiphenyl
Concen: 31.955 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:172 Resp: 1056635

Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.4	50.2
170	23.4	23.2	34.8



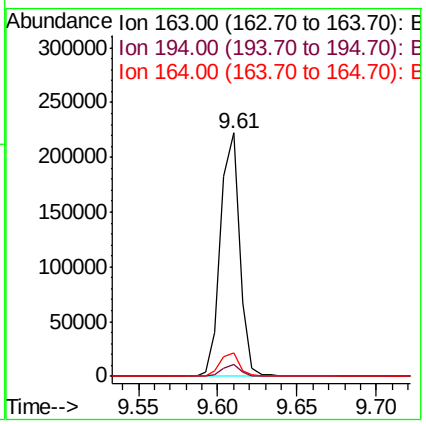


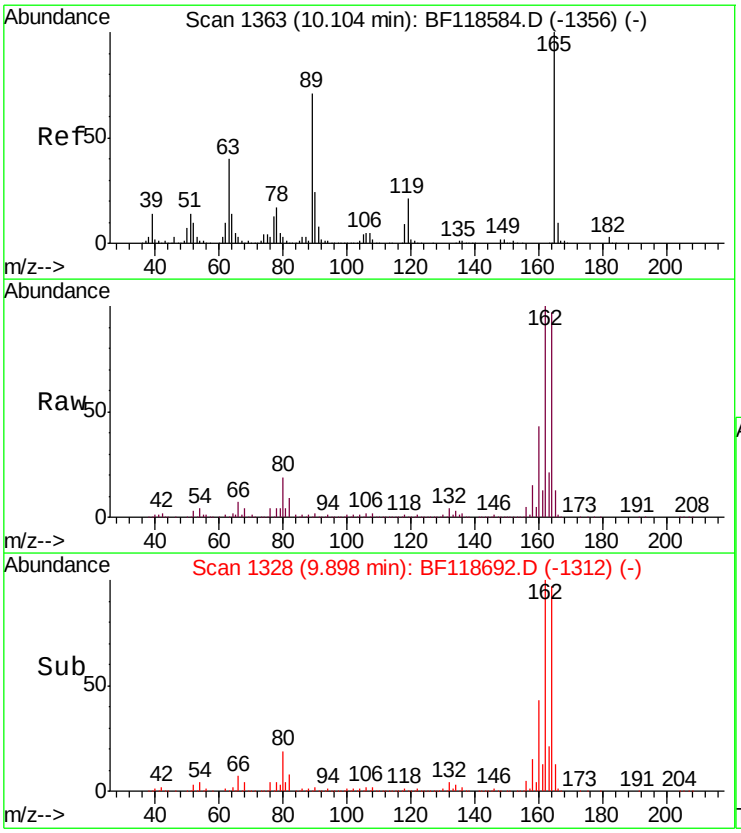
#50
Dimethylphthalate
Concen: 5.287 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:163 Resp: 187223

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.9	5.9
164	9.4	9.1	13.7

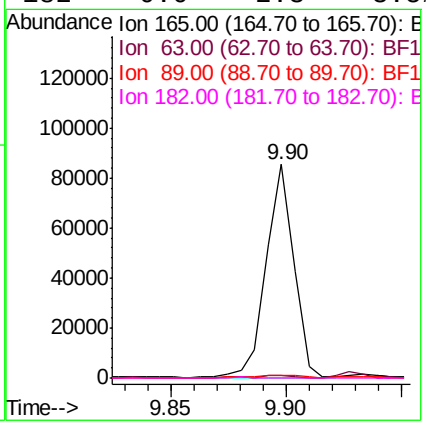


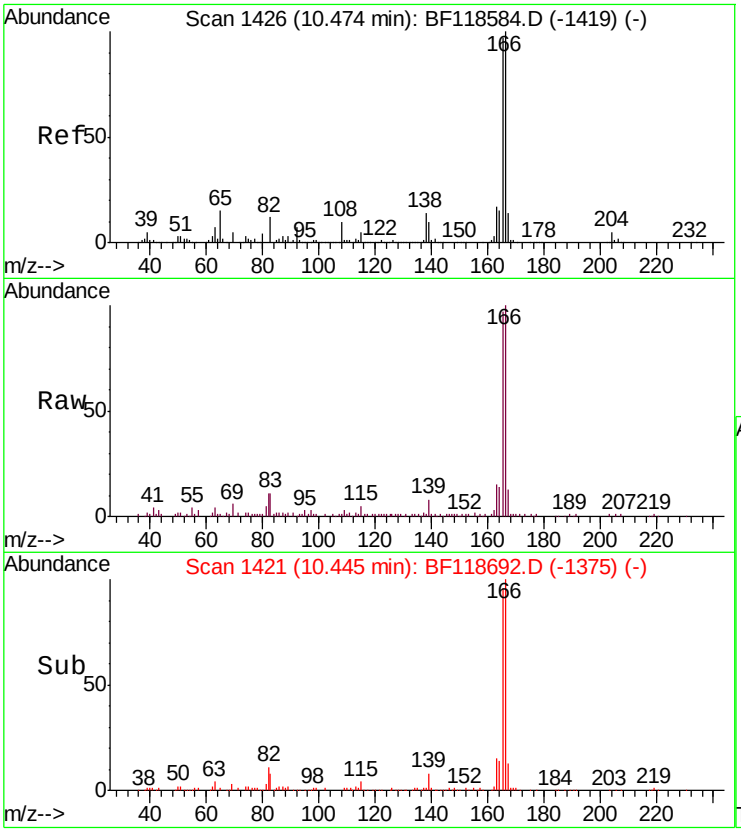


#57
2,4-Dinitrotoluene
Concen: 7.198 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:165 Resp: 71947

Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#



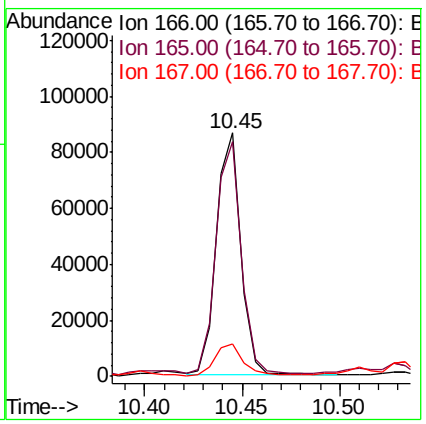


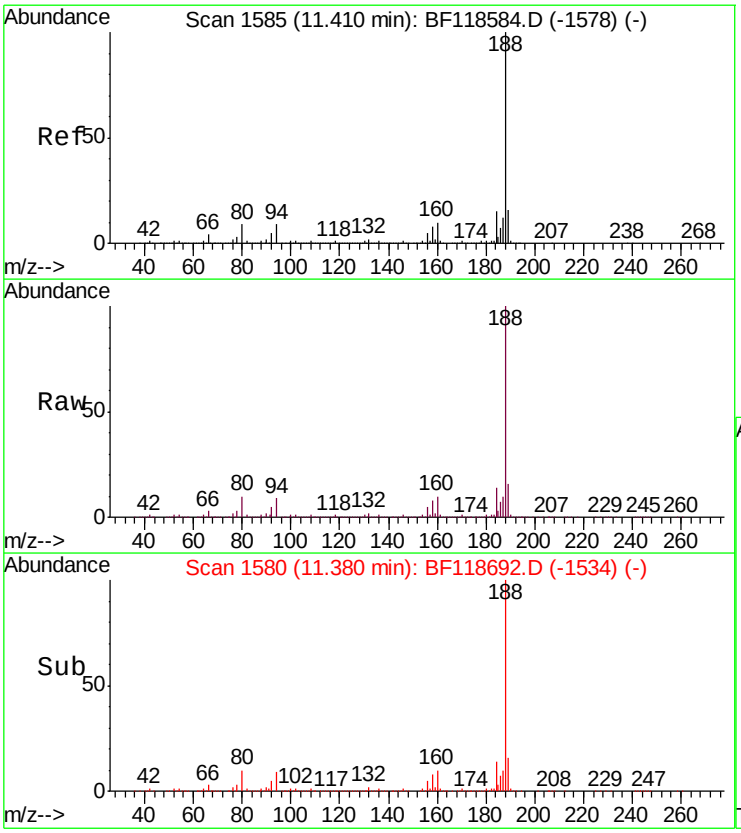
#58
Fluorene
Concen: 2.305 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:166 Resp: 74490

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	13.4	11.5	17.3

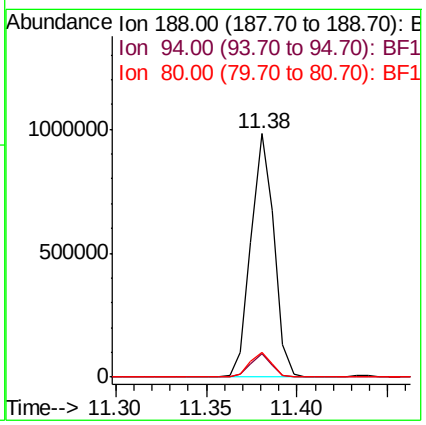


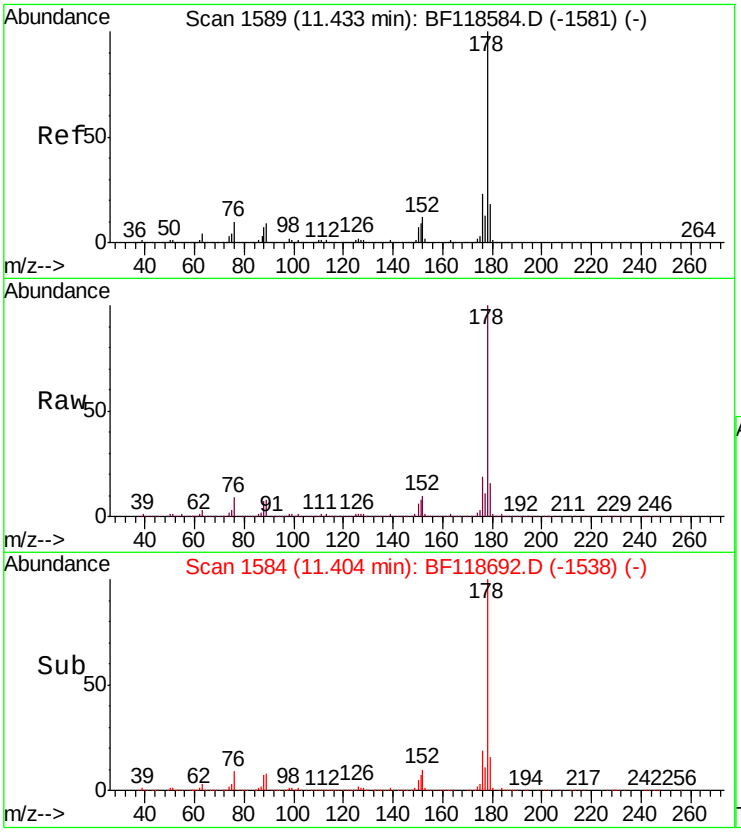


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:188 Resp: 865753

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.2	7.5	11.3



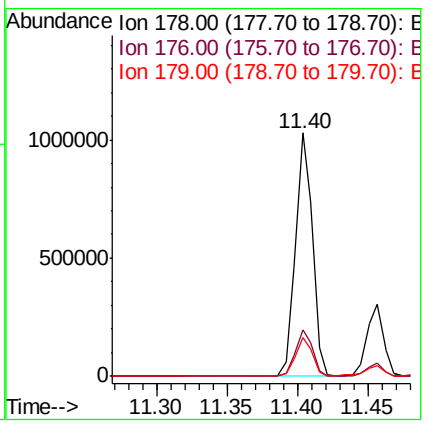


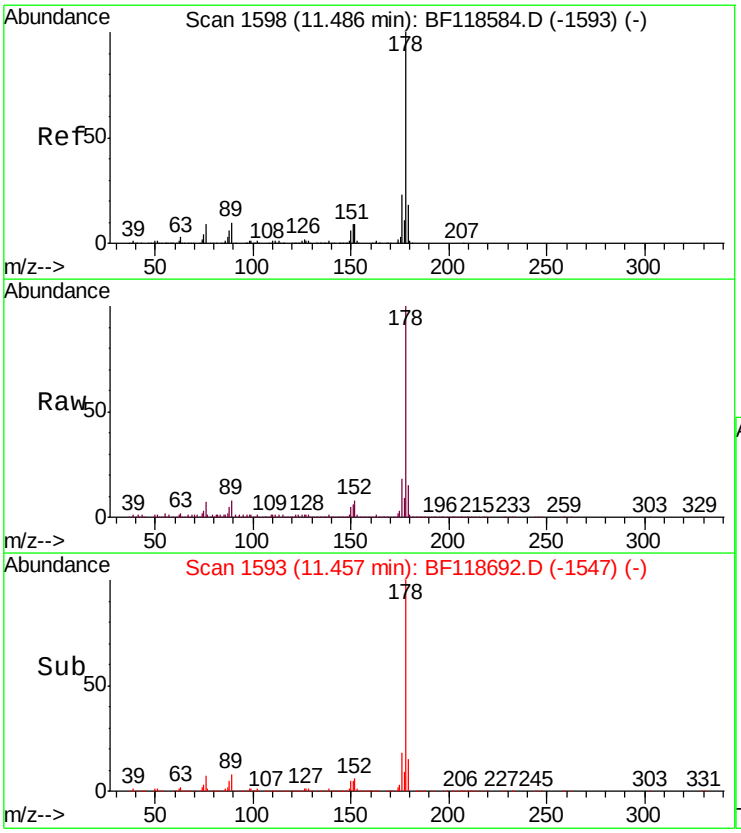
#71
Phenanthrene
Concen: 20.536 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:178 Resp: 857736

Ion	Ratio	Lower	Upper
178	100		
176	19.0	18.6	27.8
179	15.8	14.7	22.1

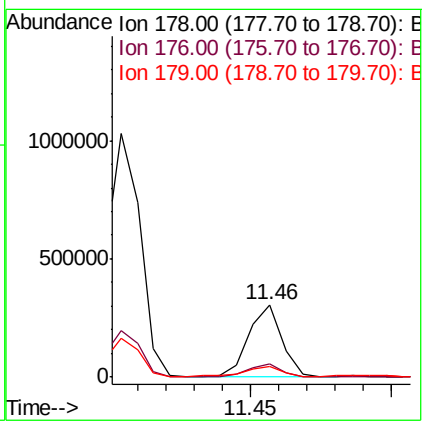


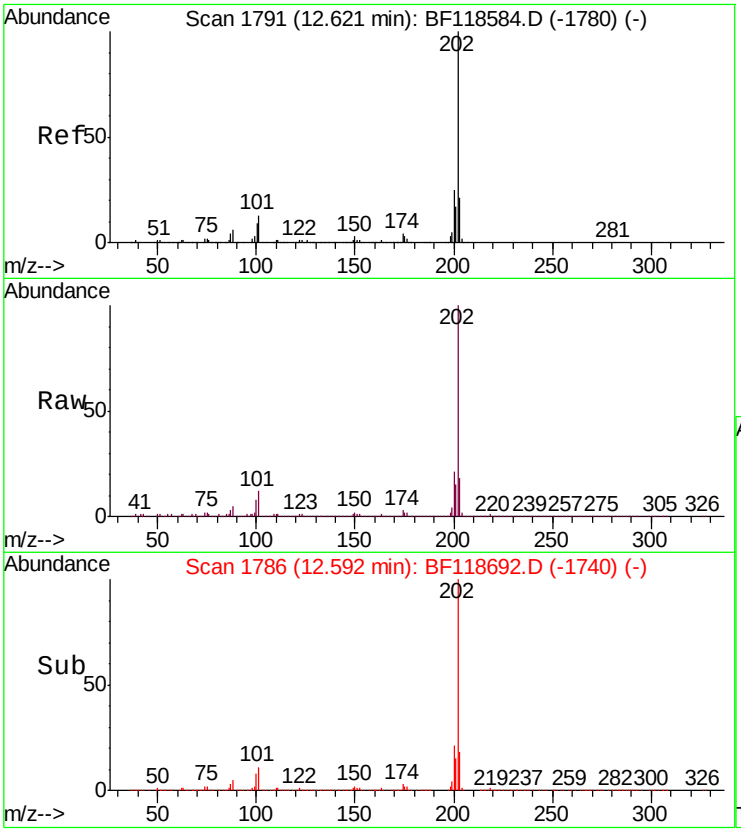


#72
Anthracene
Concen: 5.941 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:178 Resp: 245538

Ion	Ratio	Lower	Upper
178	100		
176	18.1	18.0	27.0
179	15.4	14.7	22.1



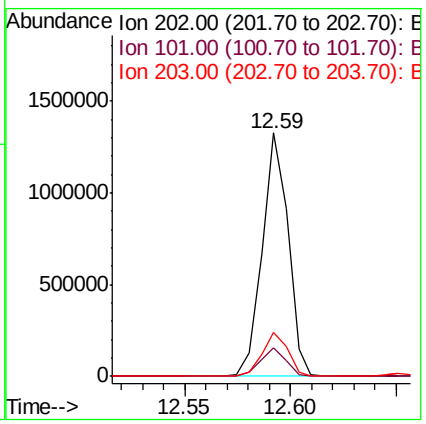


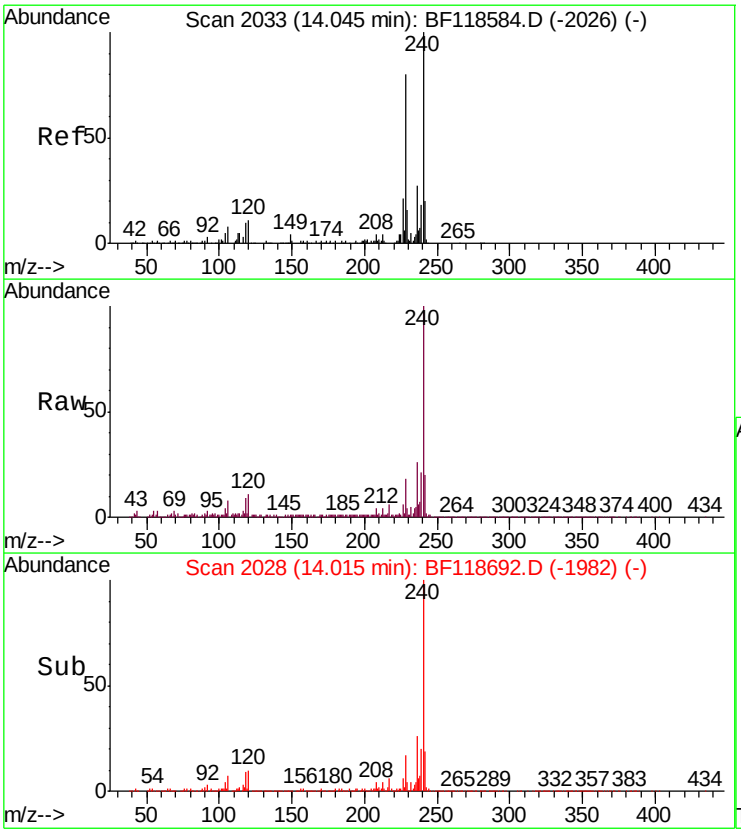
#75
Fluoranthene
Concen: 25.680 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:202 Resp: 1131268

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	18.2	0.8	40.8

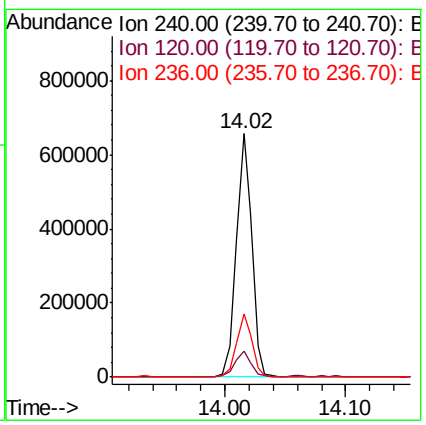


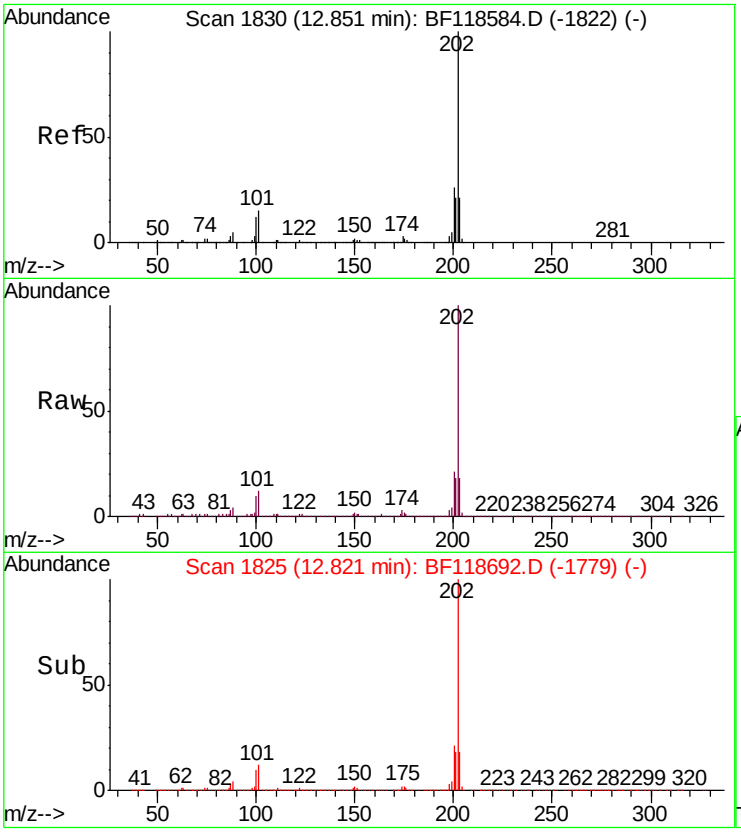


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:240 Resp: 584462

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	26.0	21.5	32.3



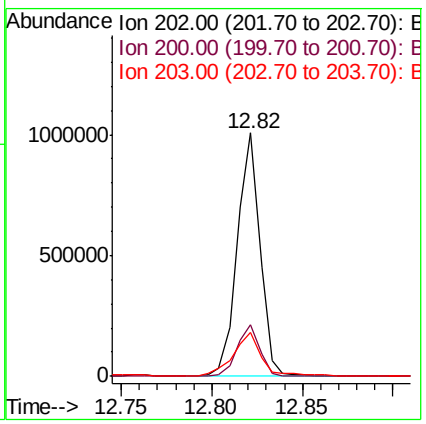


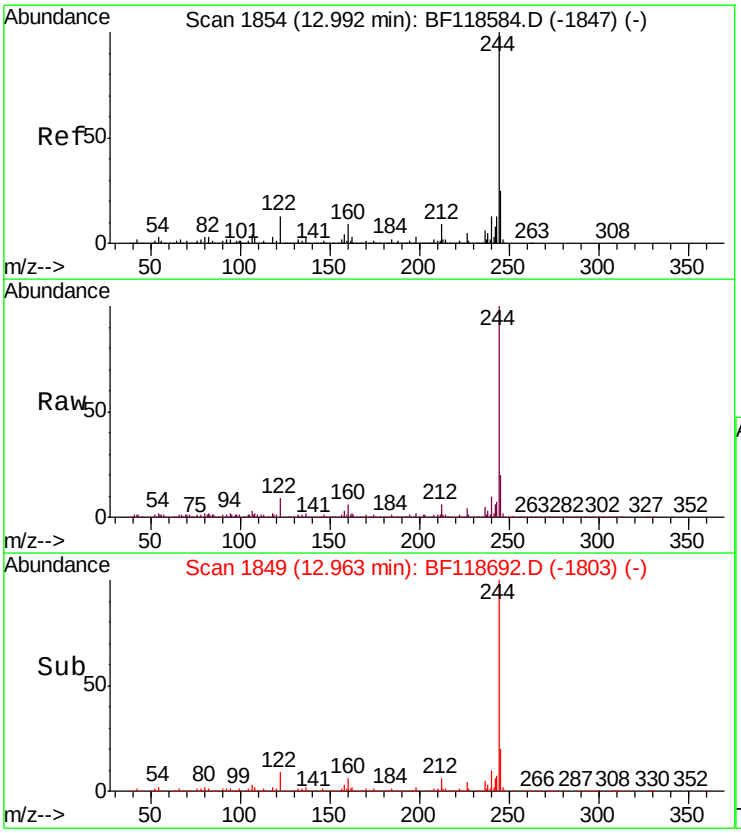
#78
Pyrene
Concen: 22.149 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:202 Resp: 878852

Ion	Ratio	Lower	Upper
202	100		
200	21.2	20.6	31.0
203	17.9	16.8	25.2

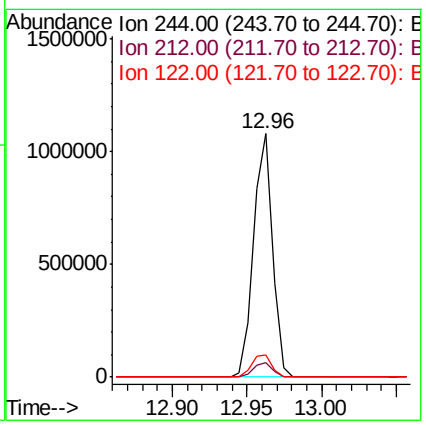


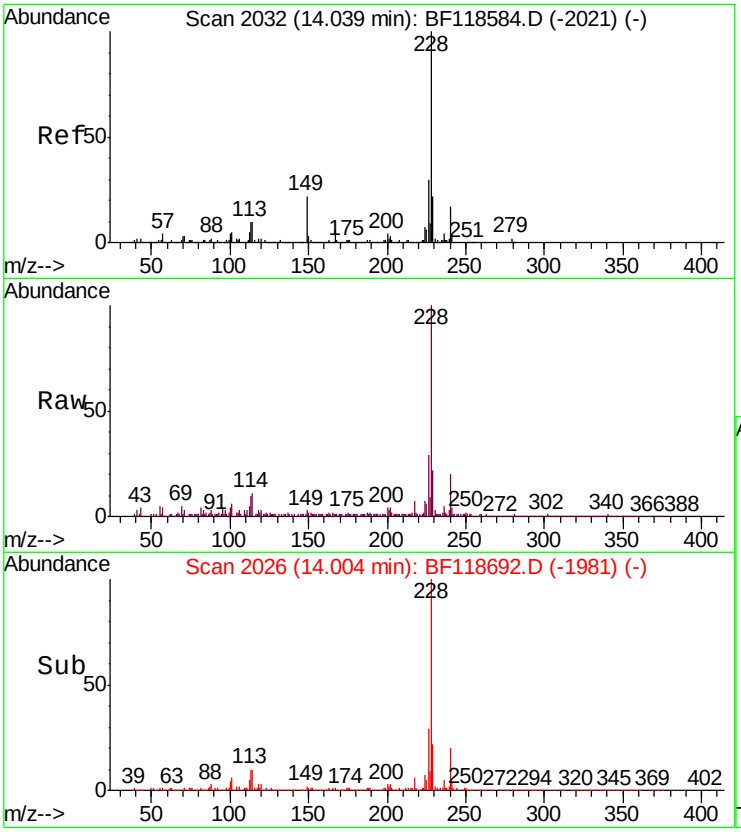


#79
Terphenyl-d14
Concen: 34.811 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:244 Resp: 932822

Ion	Ratio	Lower	Upper
244	100		
212	6.2	7.0	10.4#
122	9.2	10.7	16.1#



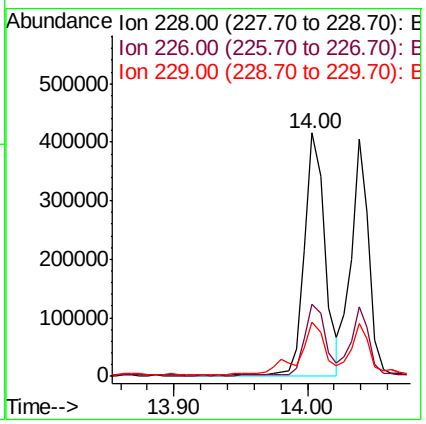


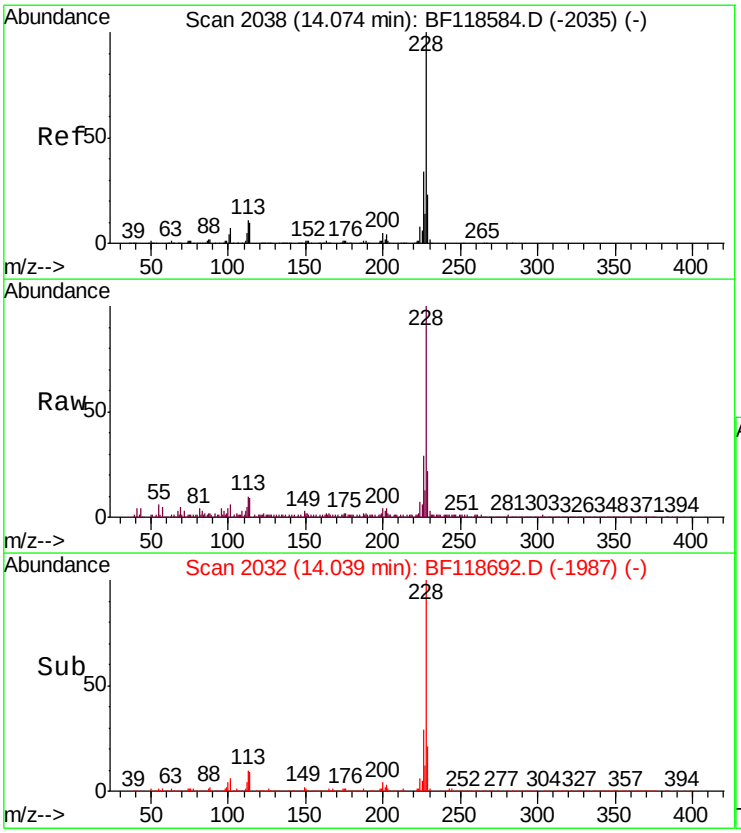
#81
Benzo(a)anthracene
Concen: 12.208 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:228 Resp: 429230

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	22.2	17.6	26.4

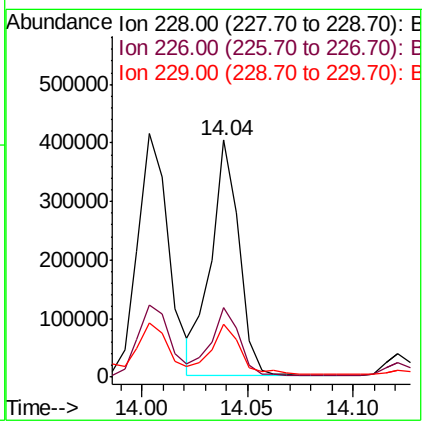


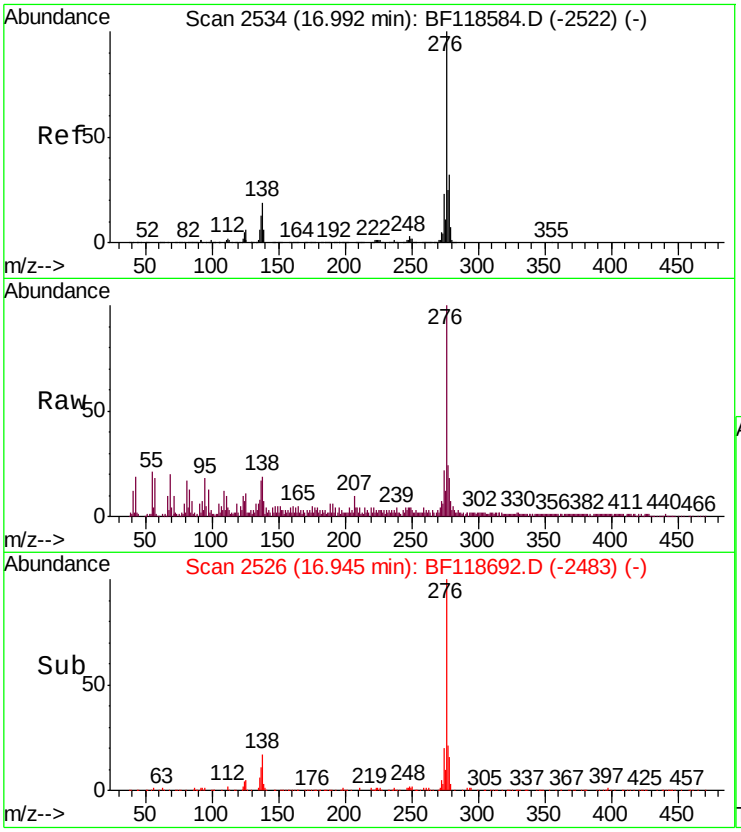


#83
Chrysene
Concen: 11.092 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:228 Resp: 373752

Ion	Ratio	Lower	Upper
228	100		
226	29.2	27.4	41.0
229	22.3	18.3	27.5



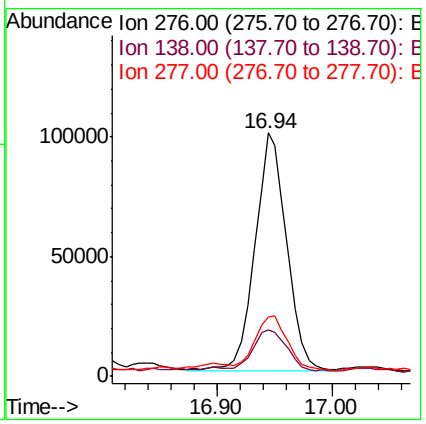


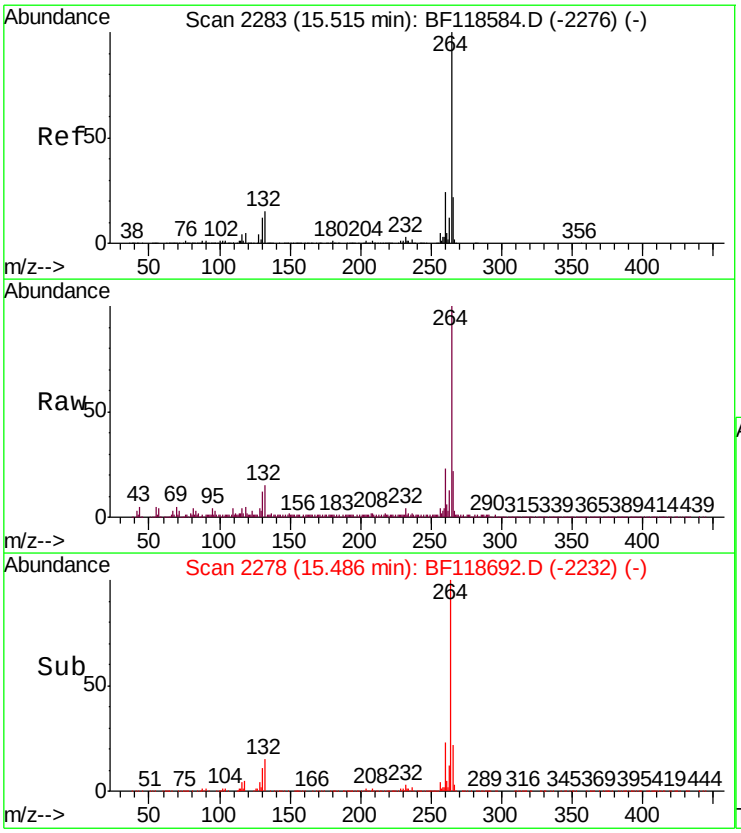
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.544 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.05 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:276 Resp: 191598

Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.2	25.8
277	23.3	20.5	30.7

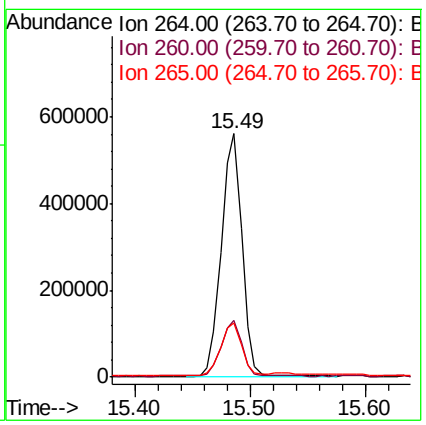


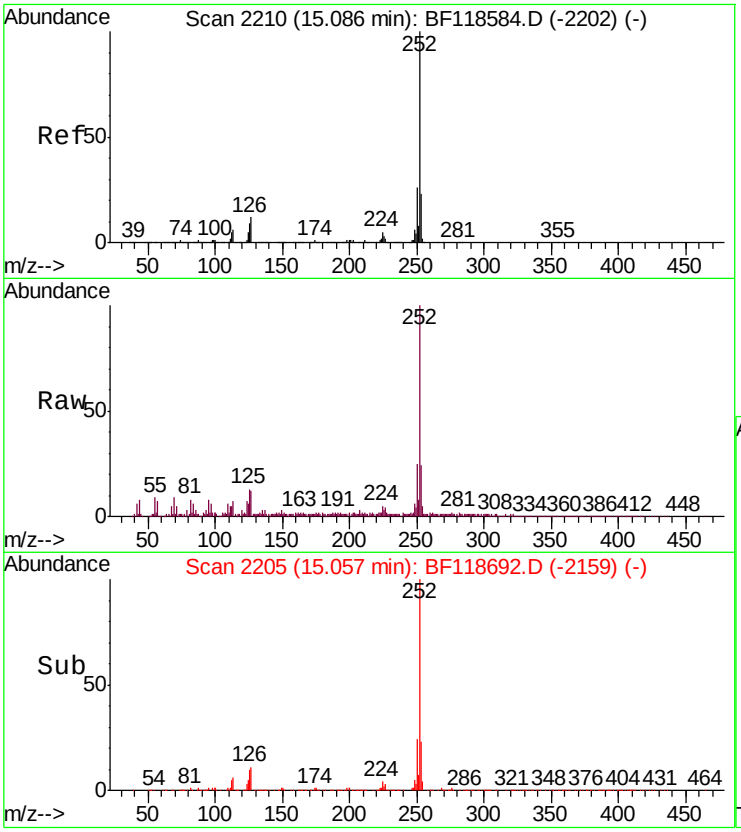


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:264 Resp: 693062

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	22.5	17.7	26.5



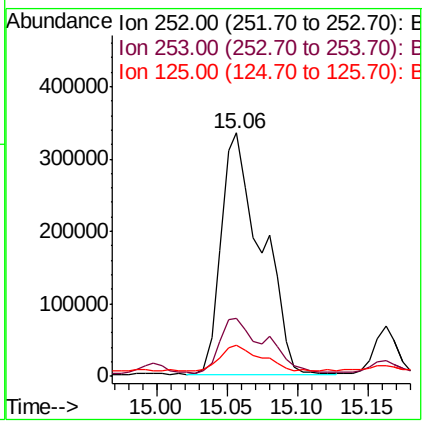


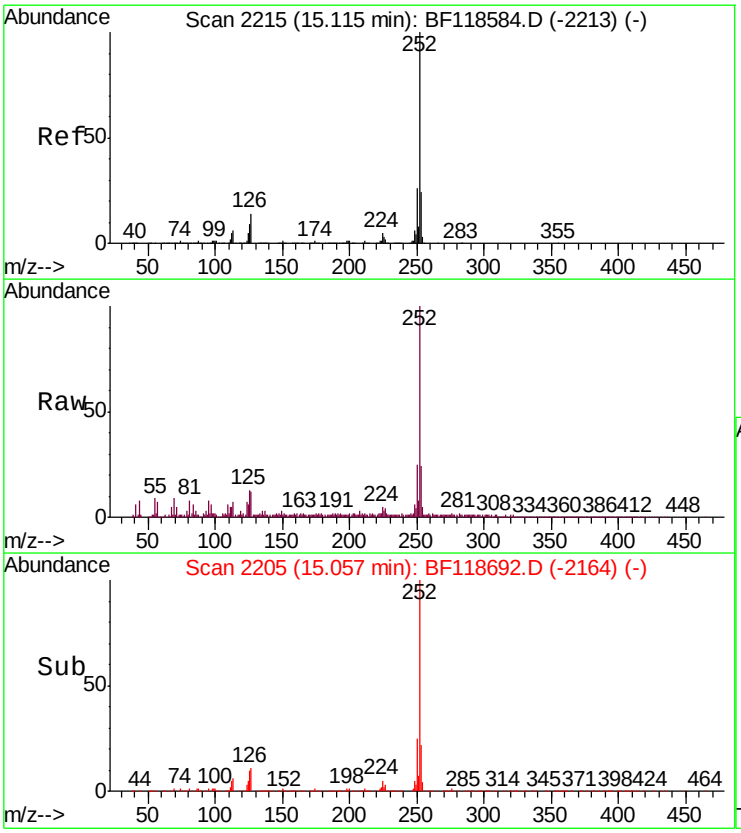
#88
Benzo(b)fluoranthene
Concen: 15.204 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:252 Resp: 662351

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	12.6	7.3	10.9#

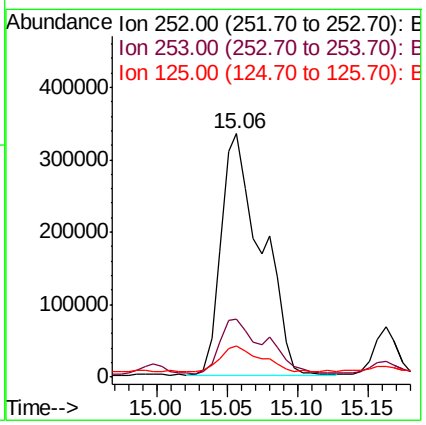


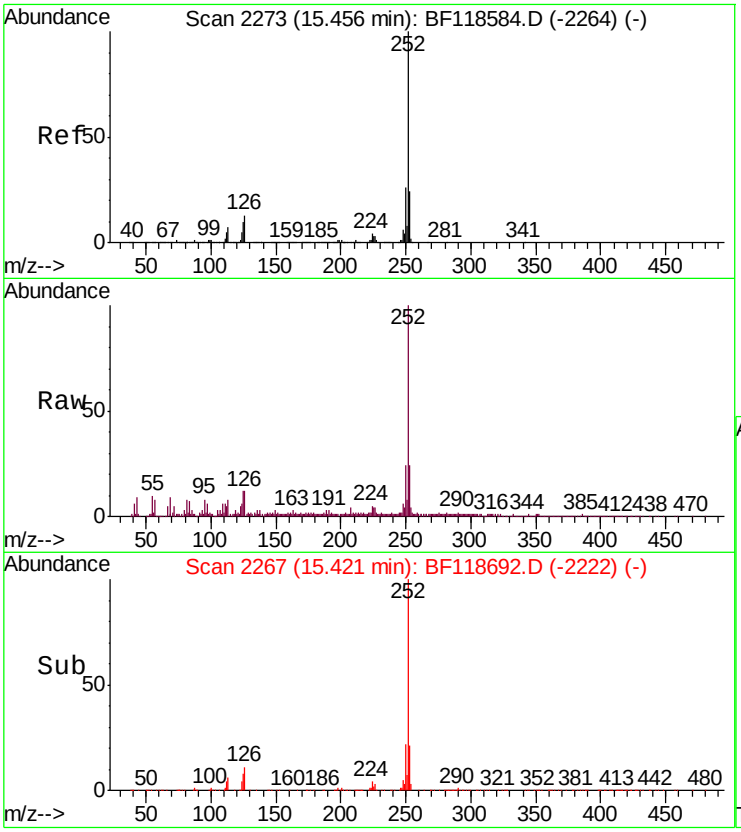


#89
Benzo(k)fluoranthene
Concen: 16.411 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.06 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:252 Resp: 662351

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.4
125	12.6	7.6	11.4#



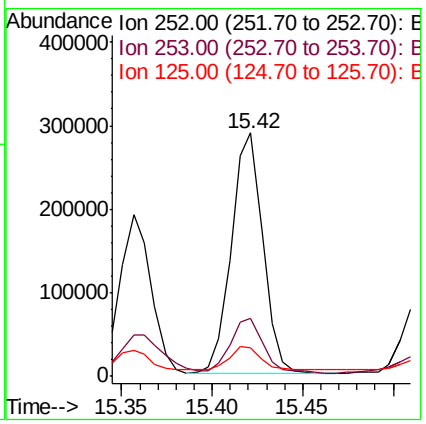


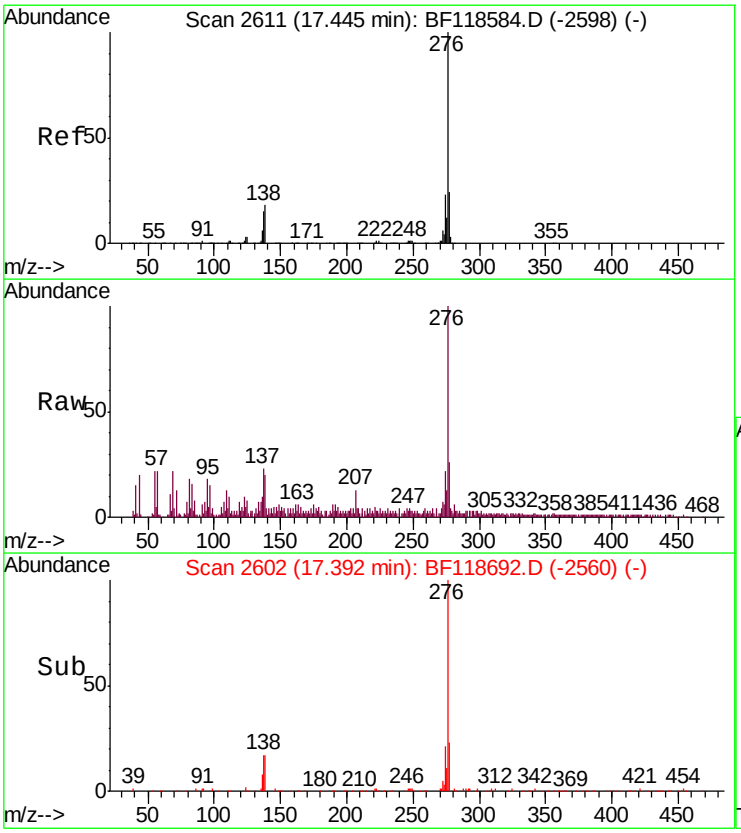
#90
Benzo(a)pyrene
Concen: 9.241 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Instrument :
BNA_F
ClientSampleId :
CTY-SB-BC-0-3.5

Tgt Ion:252 Resp: 347257

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.8	28.2
125	12.0	7.8	11.6#





#92
Benzo(g,h,i)perylene
Concen: 5.099 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.05 min
Lab File: BF118692.D
Acq: 24 Jan 2020 18:17

Tgt Ion:276 Resp: 164589

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.9	28.3
138	20.4	14.4	21.6