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

Quantitation Report (Not Reviewed)

Data File : BF118691.D
Acq On : 24 Jan 2020 17:49
Operator : CG/JU
Sample : L1234-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-04-0-5

Quant Time: Jan 27 01:02:47 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	315580	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	1115709	20.00	ng		-0.02
39) Acenaphthene-d10	9.90	164	634538	20.00	ng		-0.03
64) Phenanthrene-d10	11.38	188	1055587	20.00	ng		-0.03
76) Chrysene-d12	14.02	240	633919	20.00	ng		-0.03
87) Perylene-d12	15.48	264	729635	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	829702	48.83	ng		-0.02
7) Phenol-d6	6.49	99	1171785	53.06	ng		-0.02
23) Nitrobenzene-d5	7.42	82	732063	36.70	ng		-0.03
42) 2,4,6-Tribromophenol	10.68	330	447005	60.91	ng		-0.03
45) 2-Fluorobiphenyl	9.22	172	1626216	42.12	ng		-0.03
79) Terphenyl-d14	12.96	244	1630562	56.10	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	98717	6.620	ng	#	77
25) Isophorone	7.42	82	728498	20.023	ng	#	64
50) Dimethylphthalate	9.61	163	216313	5.232	ng		97
57) 2,4-Dinitrotoluene	9.90	165	86457	7.408	ng	#	25
67) 4-Bromophenyl-phenylether	10.68	248	28272	2.168	ng	#	1
71) Phenanthrene	11.40	178	449788	8.832	ng		92
72) Anthracene	11.46	178	129918	2.578	ng		92
75) Fluoranthene	12.59	202	661613	12.318	ng		93
78) Pyrene	12.82	202	625078	14.524	ng		93
81) Benzo(a)anthracene	14.00	228	296048	7.763	ng		99
83) Chrysene	14.04	228	267854	7.329	ng		96
86) Indeno(1,2,3-cd)pyrene	16.94	276	172627	5.436	ng		96
88) Benzo(b)fluoranthene	15.05	252	524031	11.426	ng	#	96
89) Benzo(k)fluoranthene	15.05	252	524031	12.333	ng	#	96
90) Benzo(a)pyrene	15.42	252	279036	7.053	ng	#	97
92) Benzo(g,h,i)perylene	17.39	276	160918	4.736	ng		96

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

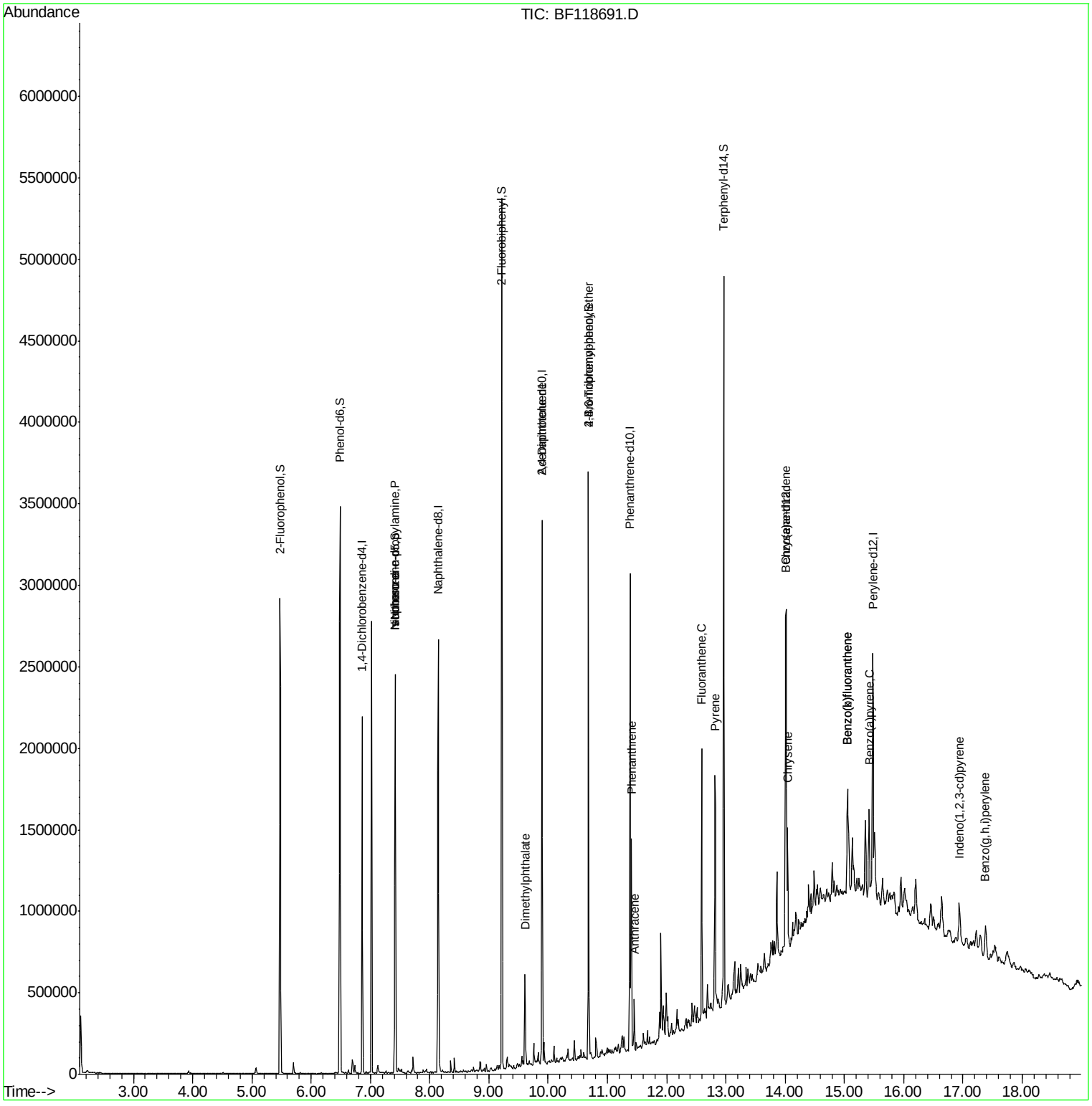
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\

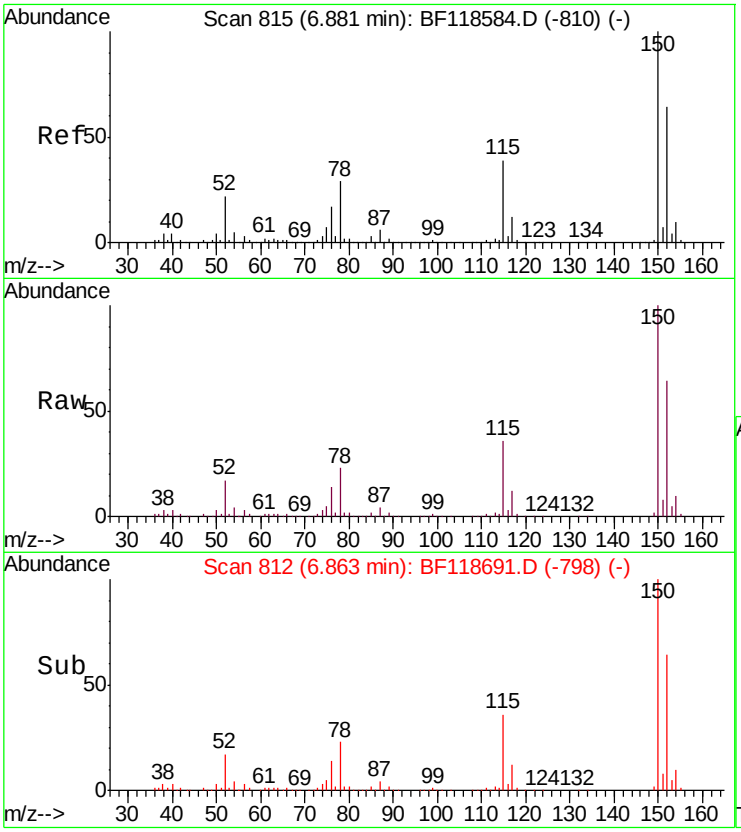
Quantitation Report (Not Reviewed)

Data File : BF118691.D
Acq On : 24 Jan 2020 17:49
Operator : CG/JU
Sample : L1234-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Quant Time: Jan 27 01:02:47 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



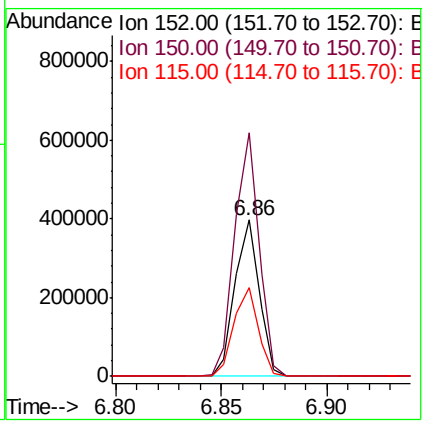


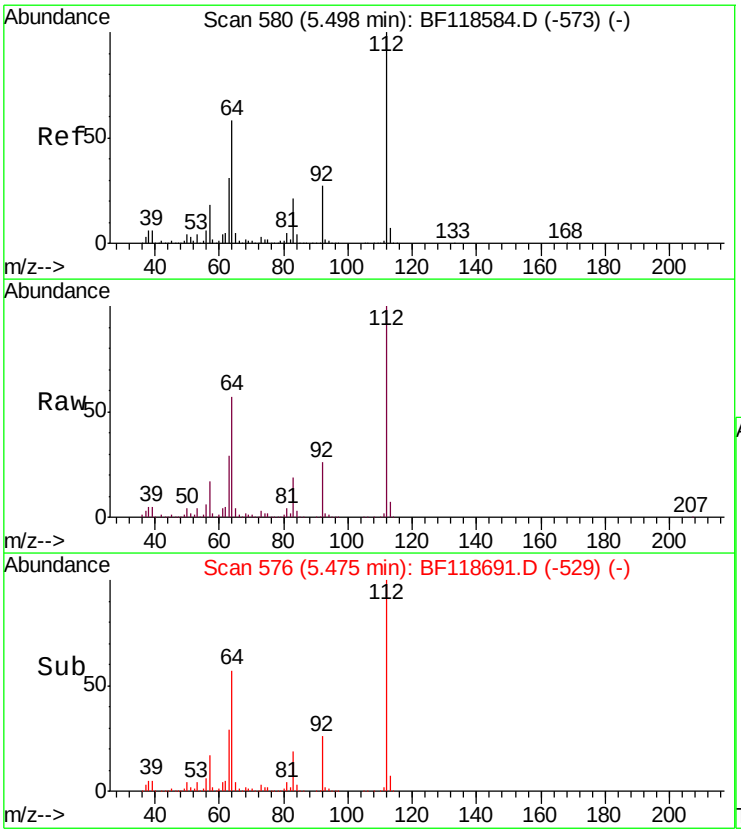
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:152 Resp: 315580

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	56.7	48.4	72.6

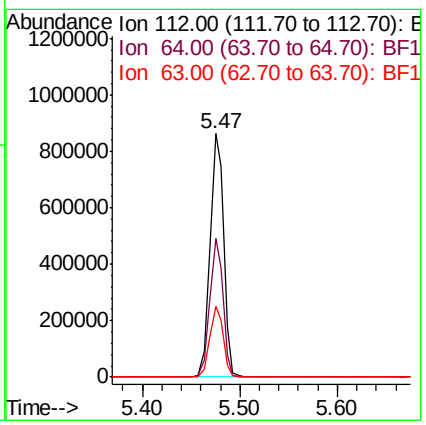


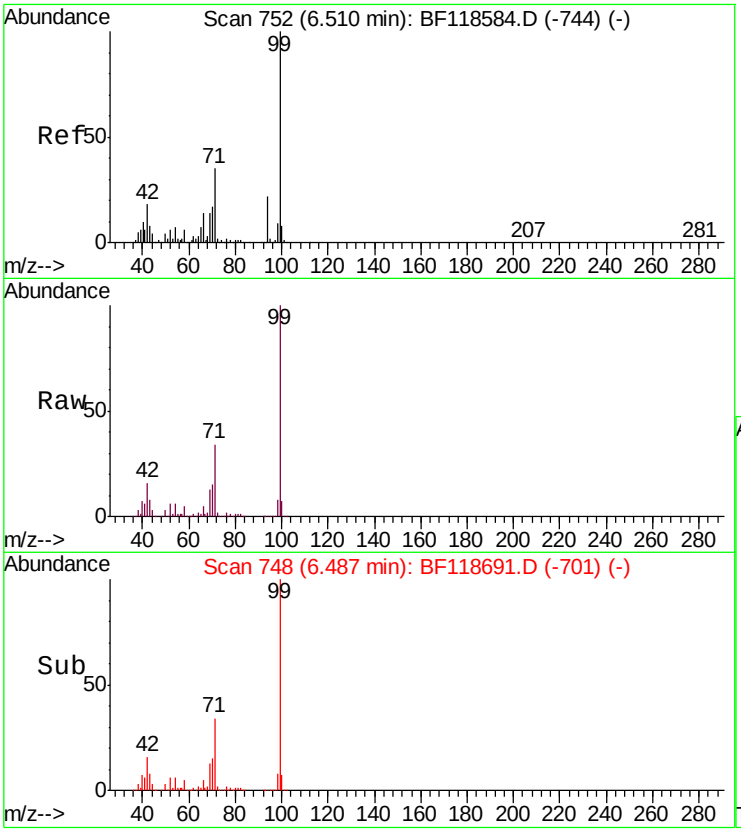


#5
2-Fluorophenol
Concen: 48.830 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:112 Resp: 829702

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.6	70.0
63	29.0	25.1	37.7



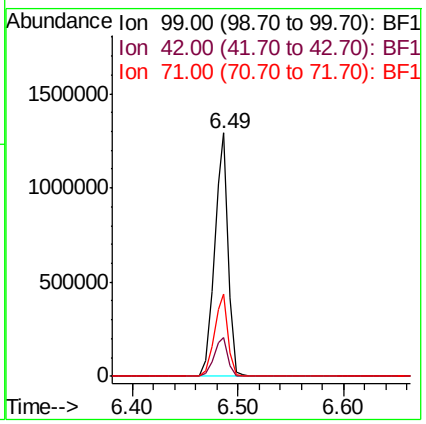


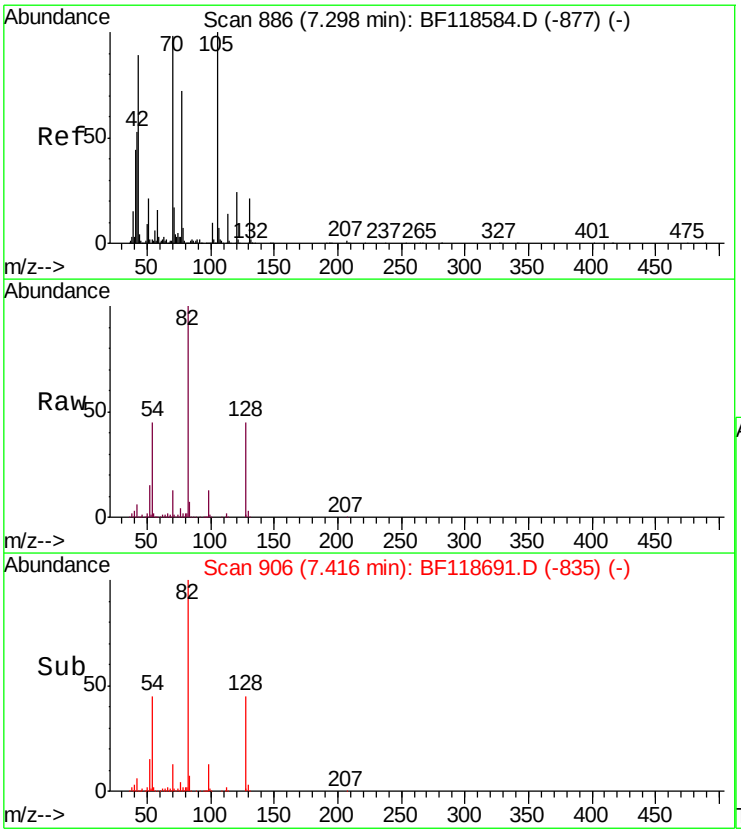
#7
Phenol-d6
Concen: 53.058 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion: 99 Resp: 1171785

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.2	21.2
71	34.0	27.8	41.6

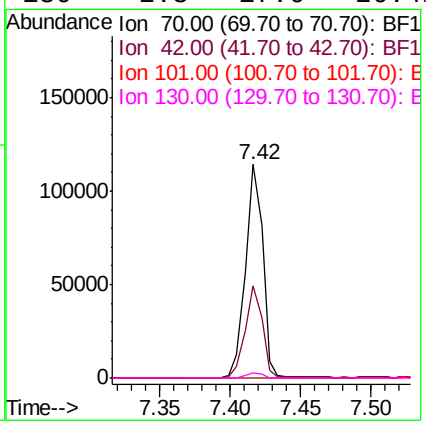


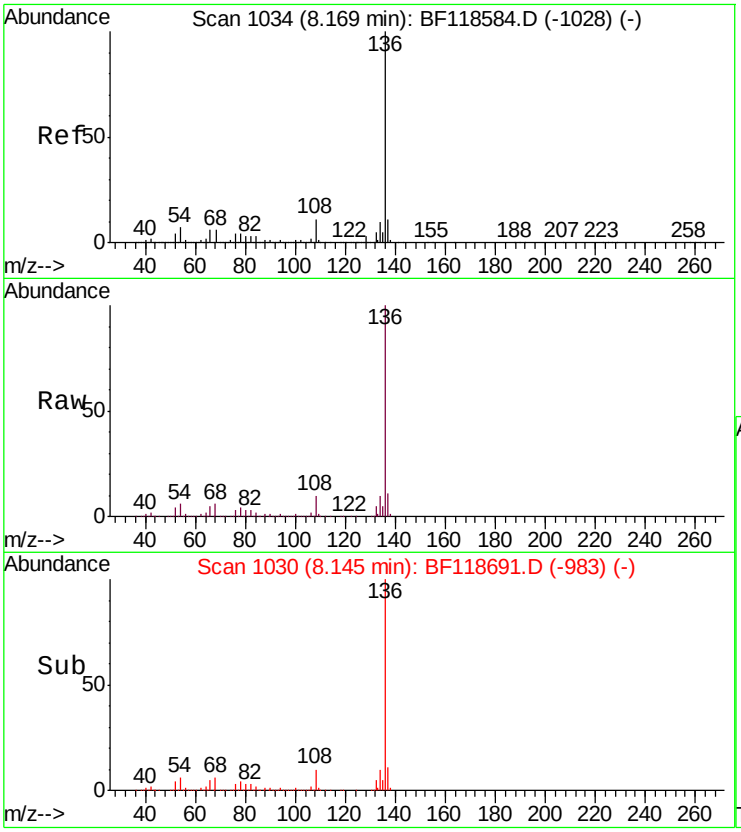


#19
n-Nitroso-di-n-propylamine
Concen: 6.620 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.12 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion: 70 Resp: 98717

Ion	Ratio	Lower	Upper
70	100		
42	43.2	43.4	65.0#
101	0.0	8.1	12.1#
130	2.3	17.6	26.4#



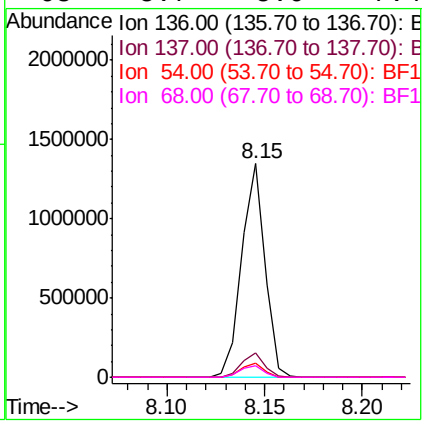


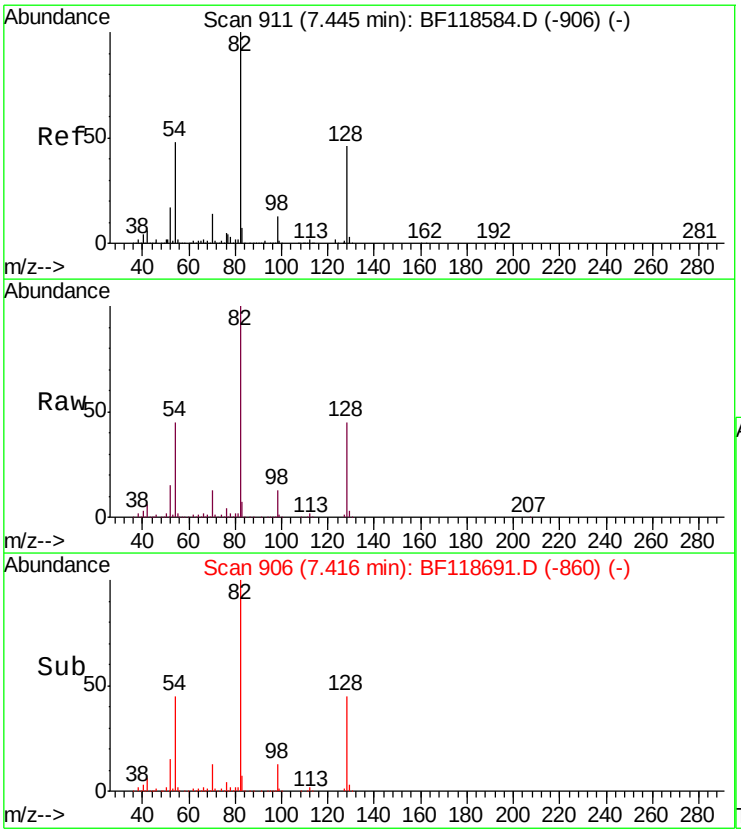
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:136 Resp: 1115709

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.5	5.8	8.6
68	5.7	5.0	7.4

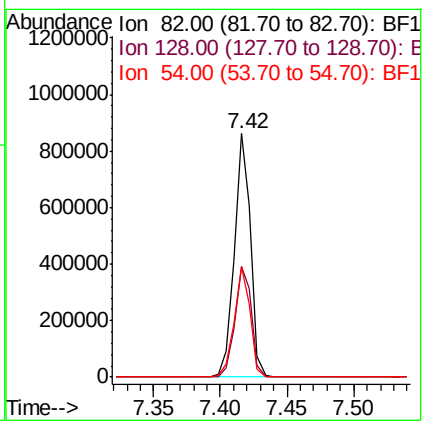


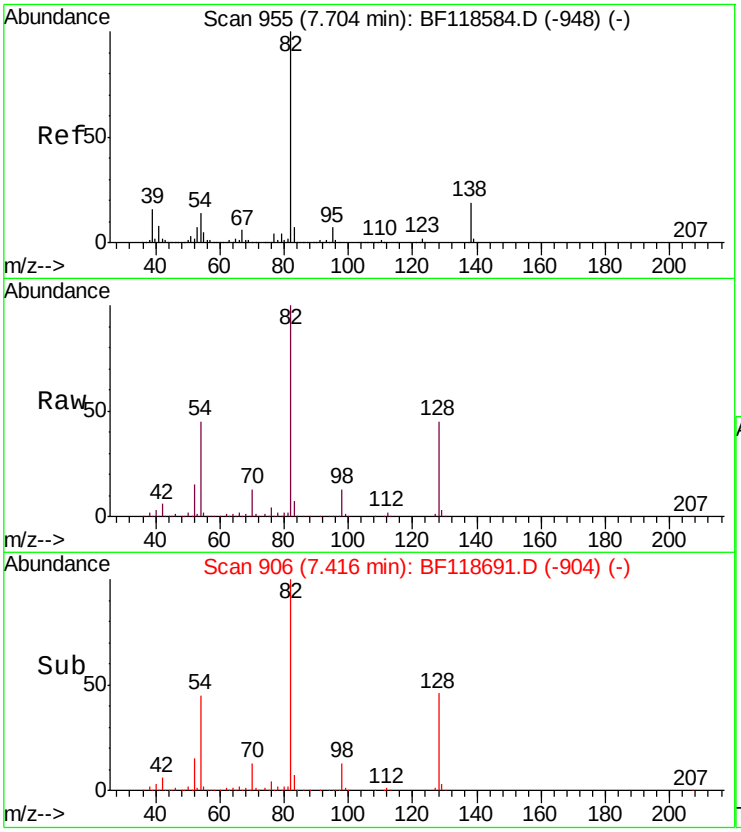


#23
Nitrobenzene-d5
Concen: 36.701 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion: 82 Resp: 732063

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.6	54.8
54	45.4	38.0	57.0



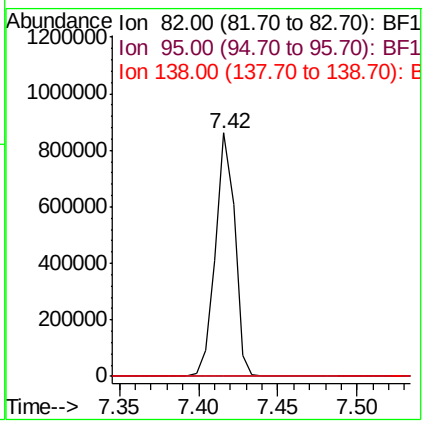


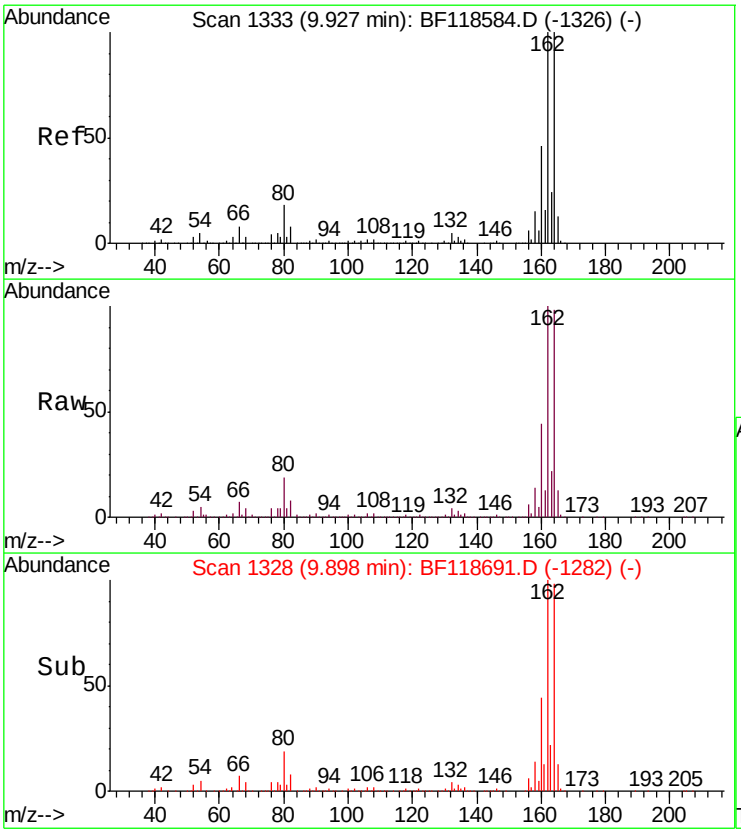
#25
Isophorone
Concen: 20.023 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.29 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion: 82 Resp: 728498

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

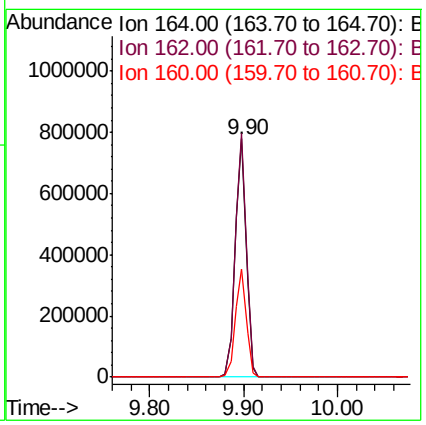


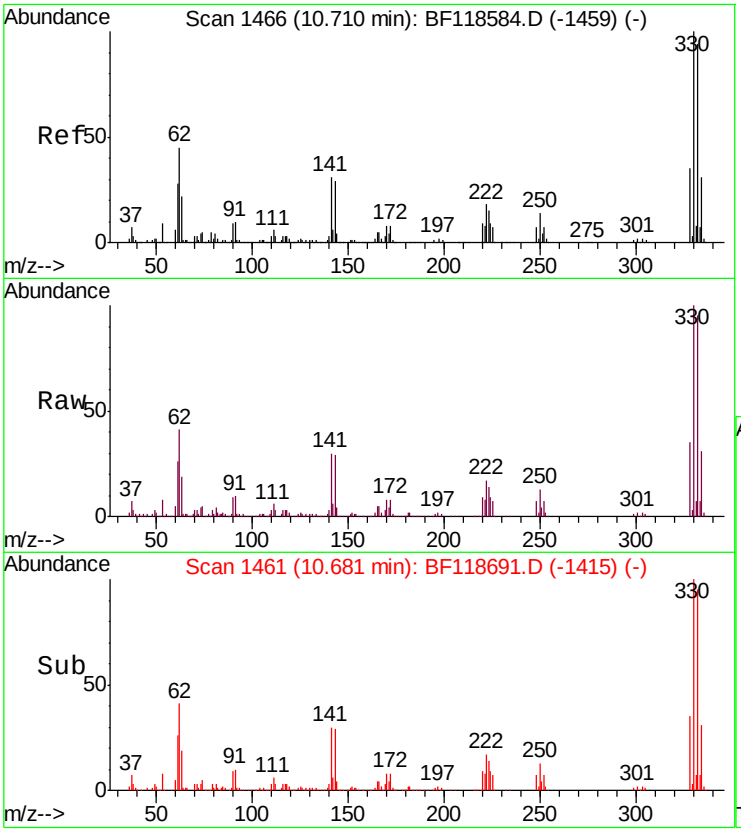


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:164 Resp: 634538

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.4	120.6
160	45.2	36.6	55.0



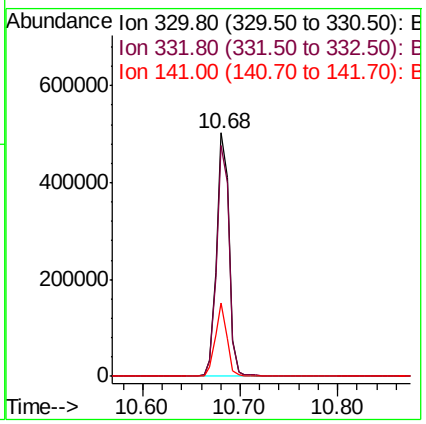


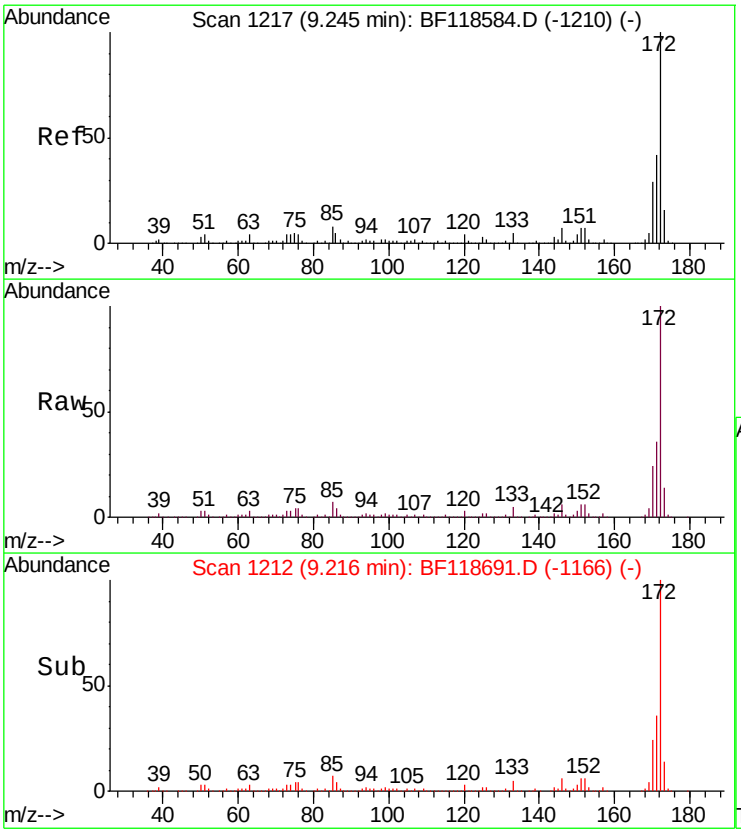
#42
2,4,6-Tribromophenol
Concen: 60.906 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:330 Resp: 447005

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	27.9	23.9	35.9

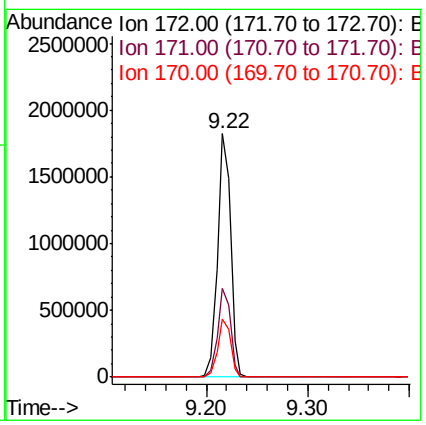


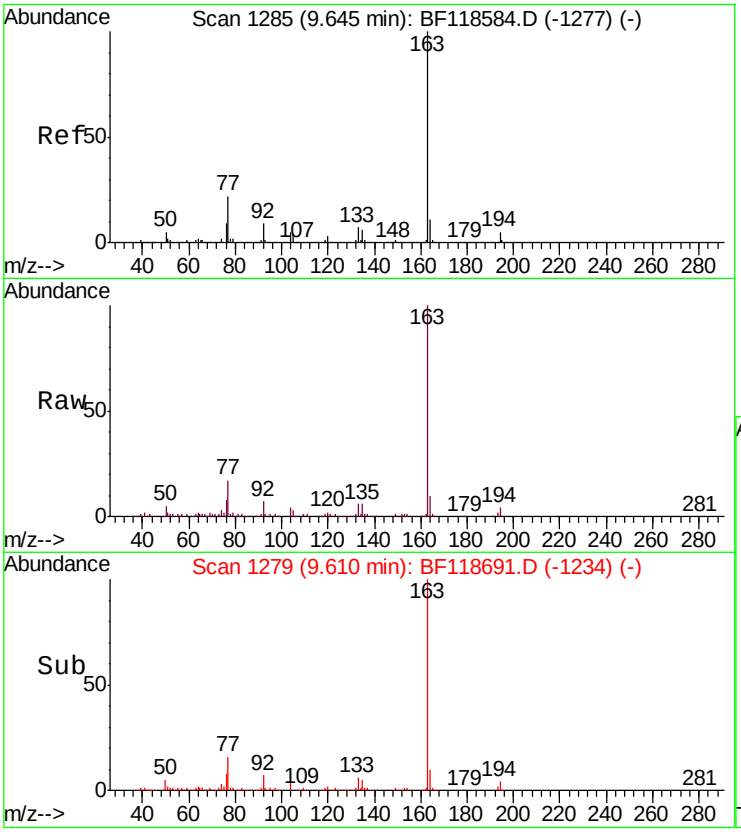


#45
2-Fluorobiphenyl
Concen: 42.123 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:172 Resp: 1626216

Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.4	50.2
170	23.8	23.2	34.8



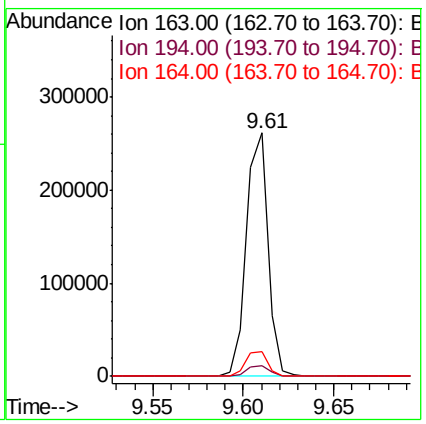


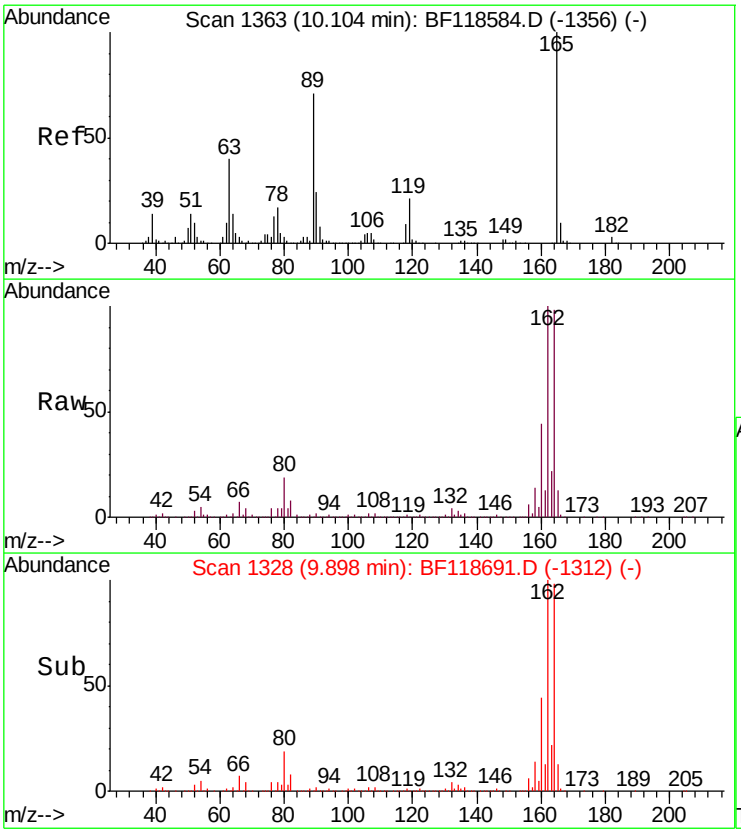
#50
Dimethylphthalate
Concen: 5.232 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:163 Resp: 216313

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	9.9	9.1	13.7

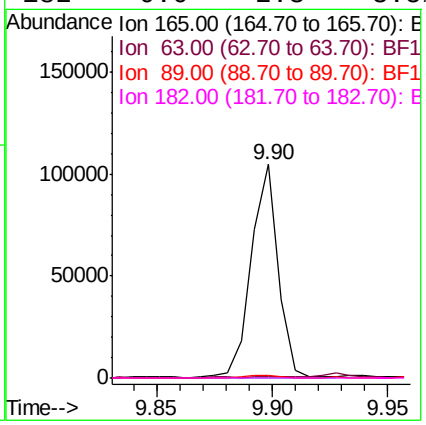


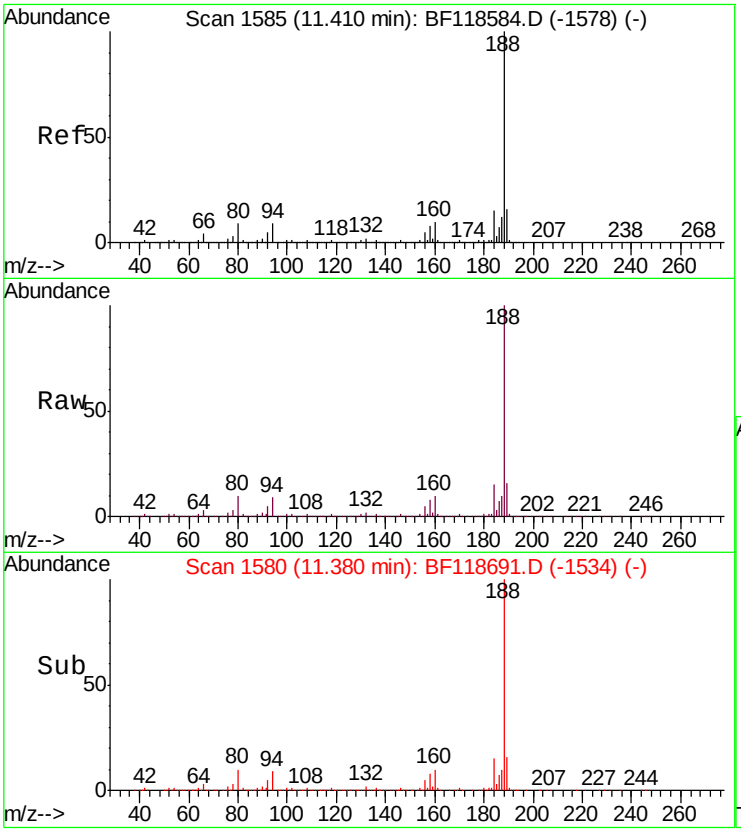


#57
2,4-Dinitrotoluene
Concen: 7.408 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:165 Resp: 86457

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#



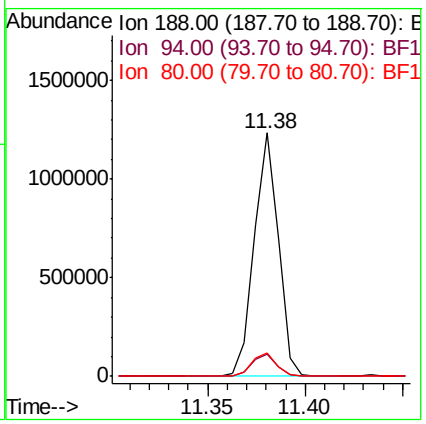


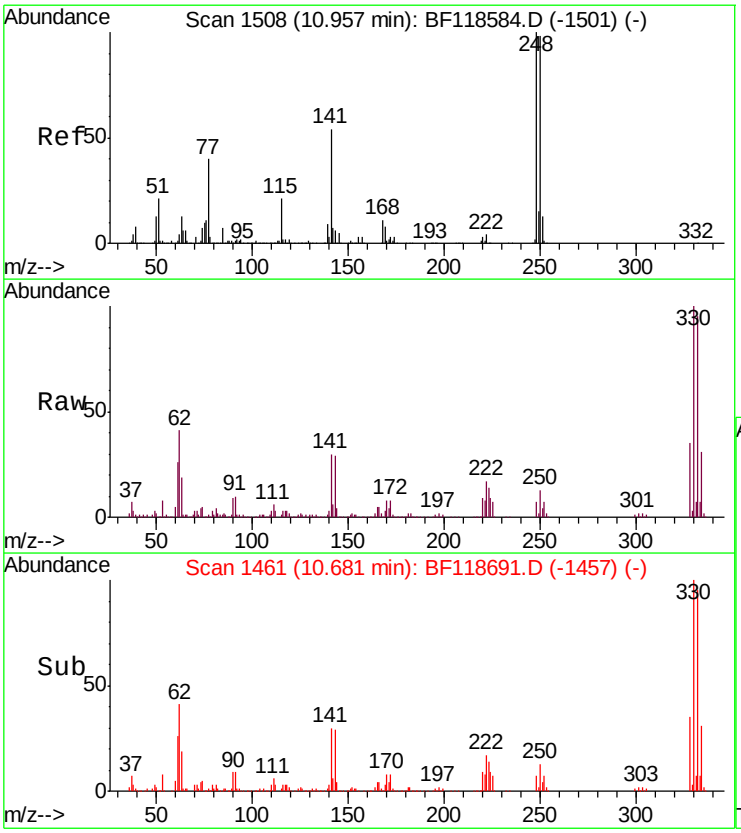
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:188 Resp: 1055587

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.9	7.5	11.3

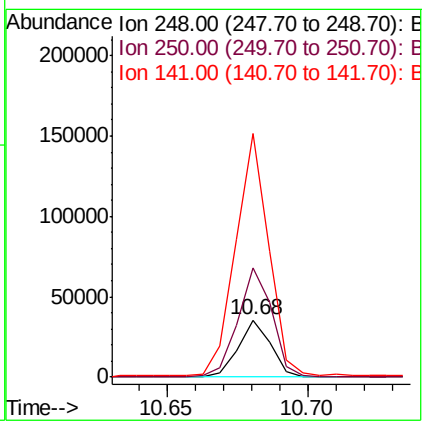


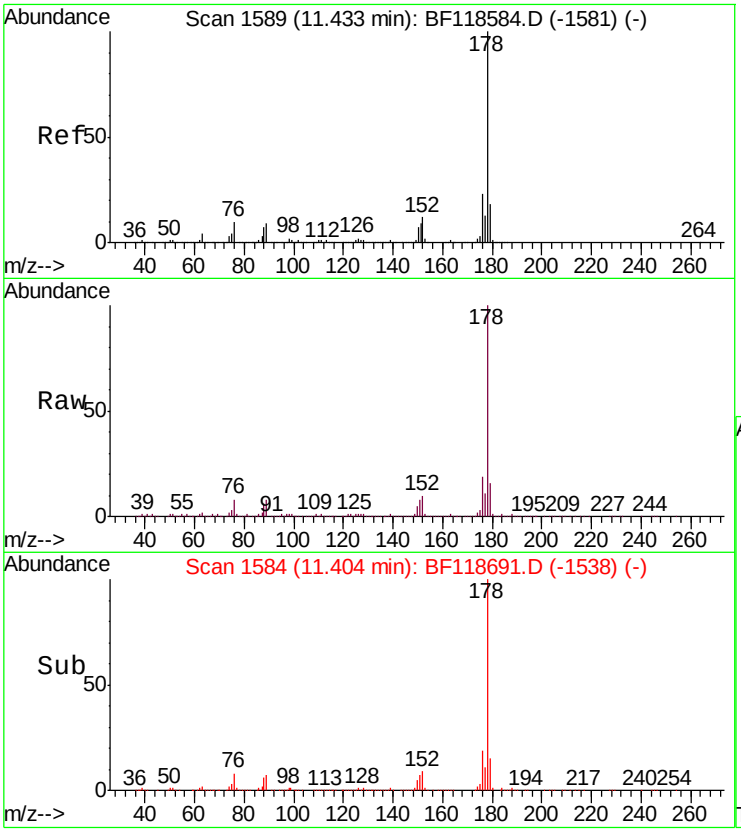


#67
4-Bromophenyl-phenylether
Concen: 2.168 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.28 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:248 Resp: 28272

Ion	Ratio	Lower	Upper
248	100		
250	190.4	78.7	118.1#
141	426.0	43.2	64.8#



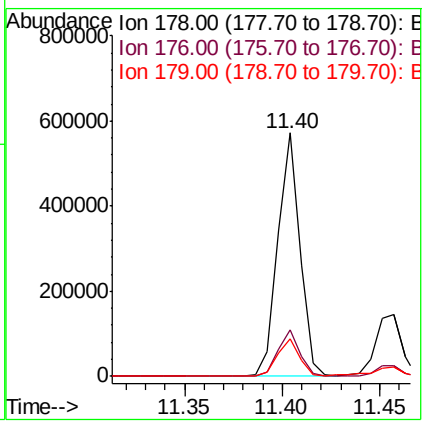


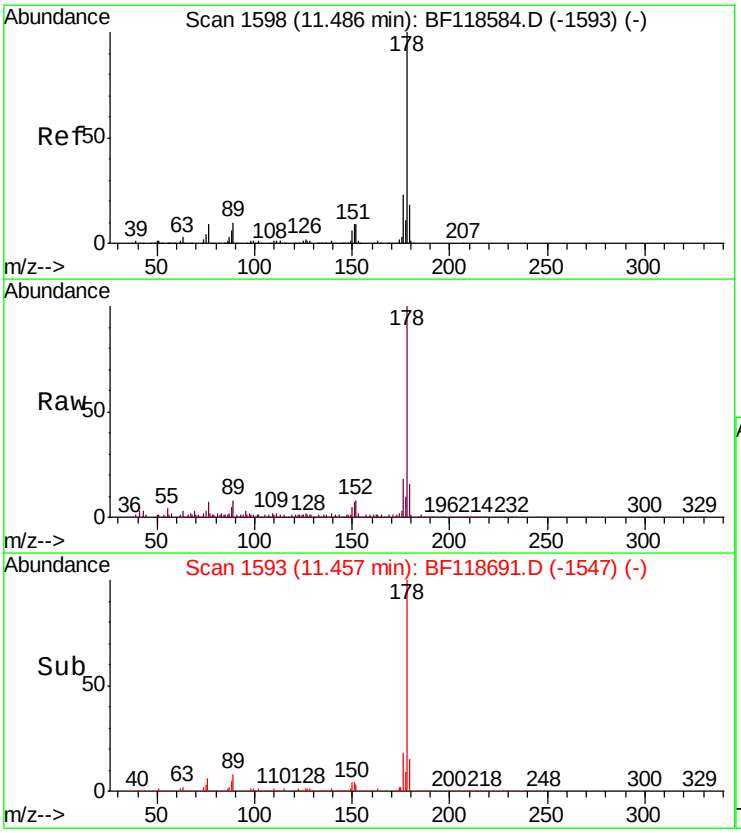
#71
Phenanthrene
Concen: 8.832 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:178 Resp: 449788

Ion	Ratio	Lower	Upper
178	100		
176	18.9	18.6	27.8
179	15.6	14.7	22.1

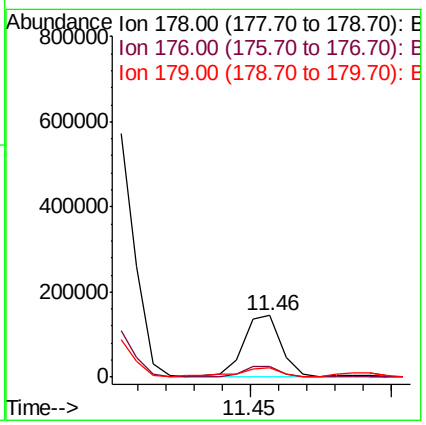


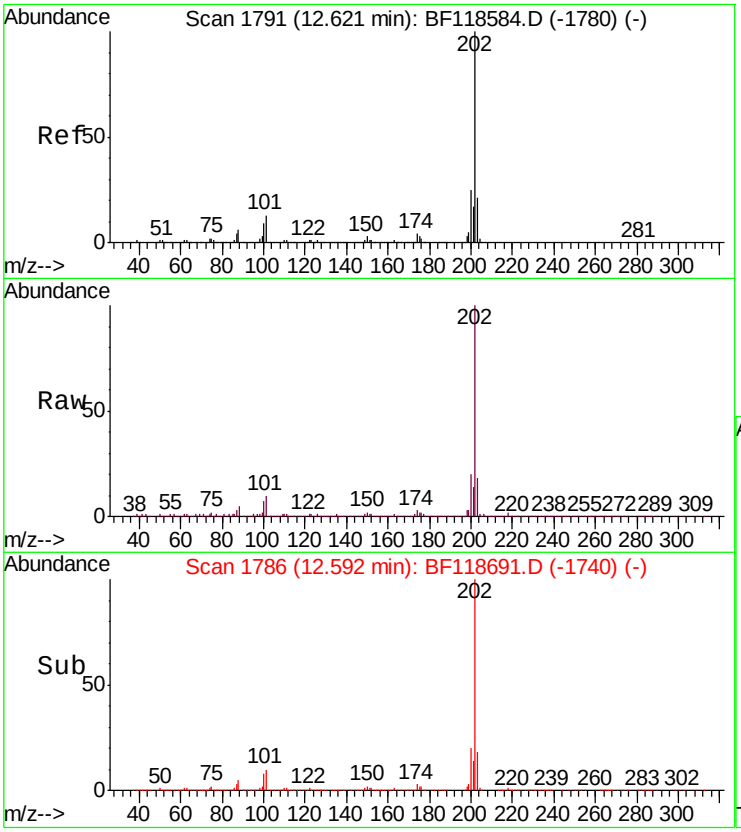


#72
Anthracene
Concen: 2.578 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:178 Resp: 129918

Ion	Ratio	Lower	Upper
178	100		
176	18.0	18.0	27.0
179	15.7	14.7	22.1



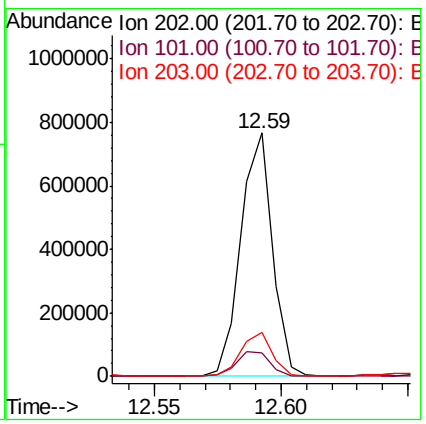


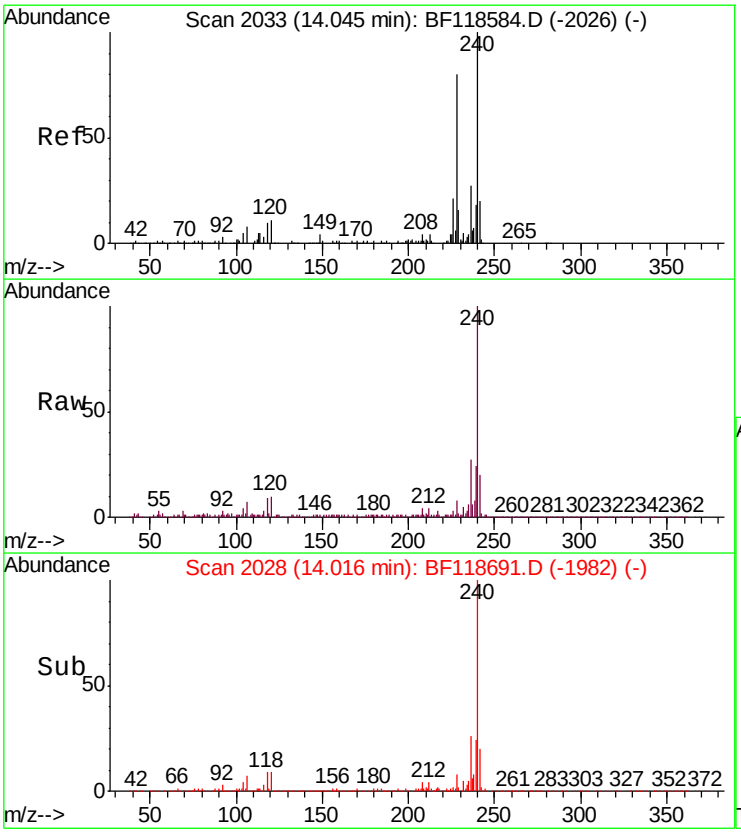
#75
Fluoranthene
Concen: 12.318 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:202 Resp: 661613

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.5
203	17.8	0.8	40.8

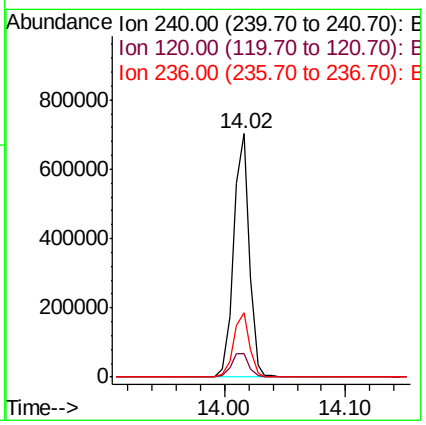


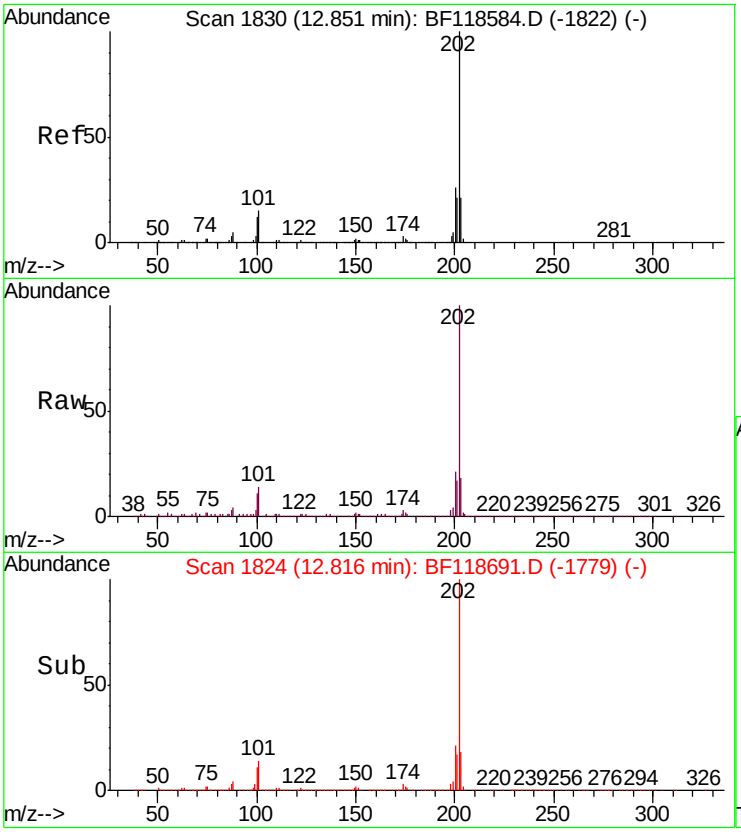


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:240 Resp: 633919

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	26.5	21.5	32.3



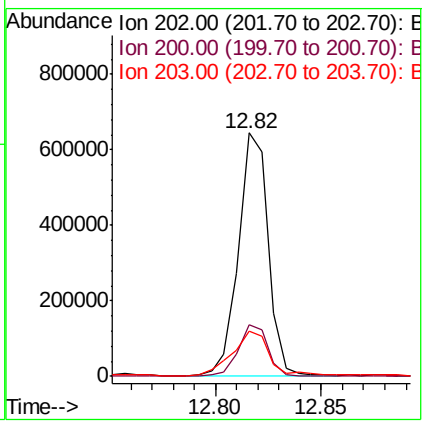


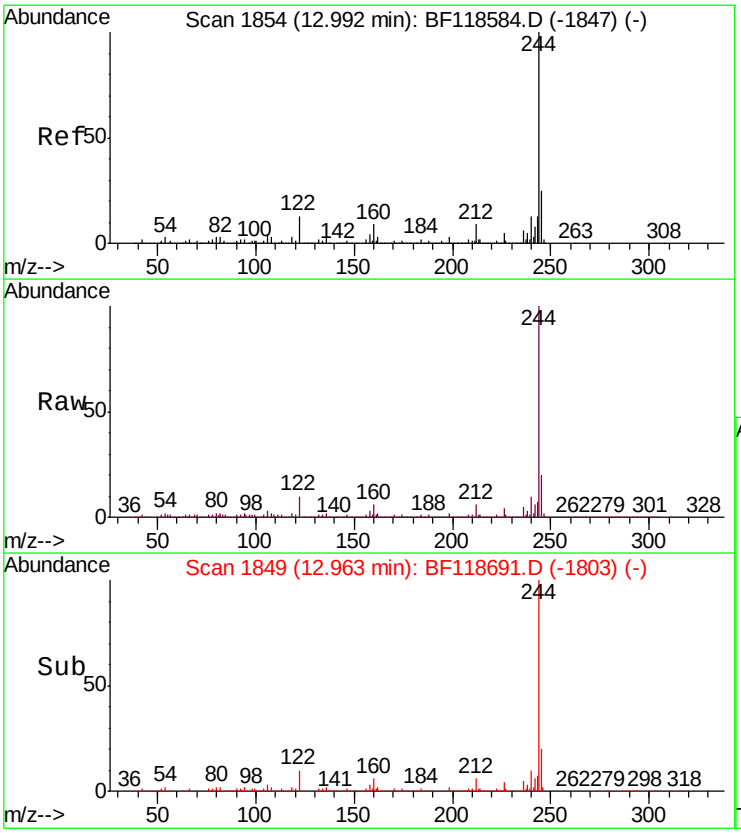
#78
Pyrene
Concen: 14.524 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.04 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:202 Resp: 625078

Ion	Ratio	Lower	Upper
202	100		
200	21.4	20.6	31.0
203	18.4	16.8	25.2

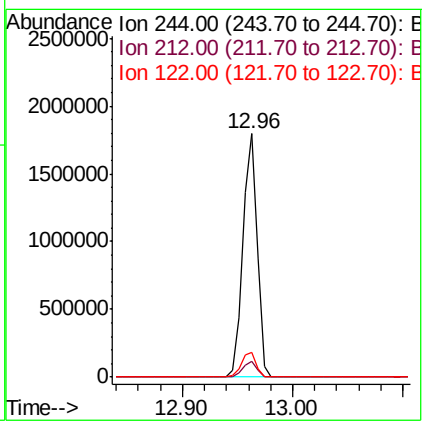


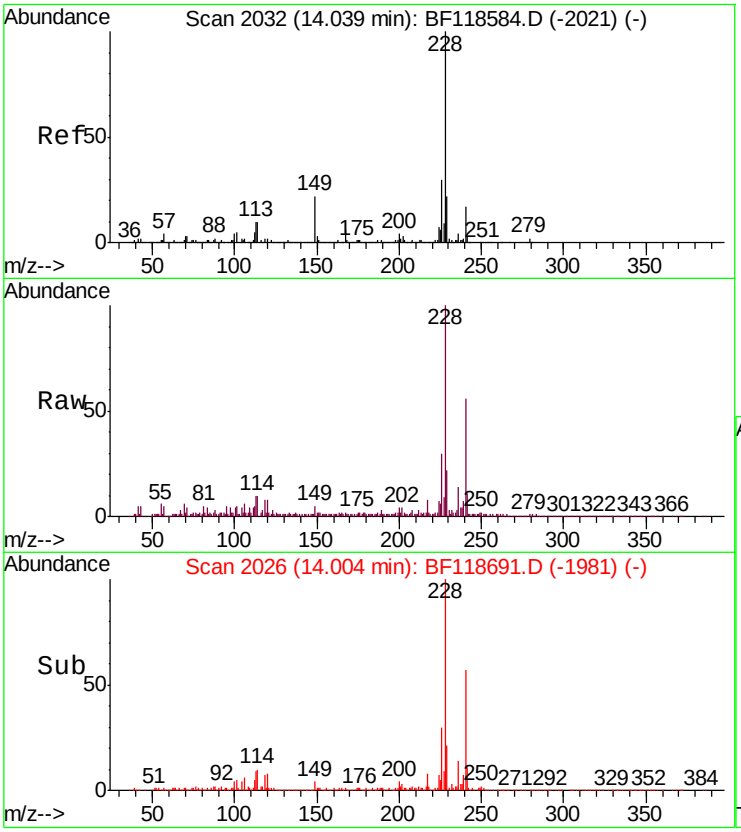


#79
Terphenyl-d14
Concen: 56.102 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.03 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:244 Resp: 1630562

Ion	Ratio	Lower	Upper
244	100		
212	6.5	7.0	10.4#
122	10.0	10.7	16.1#



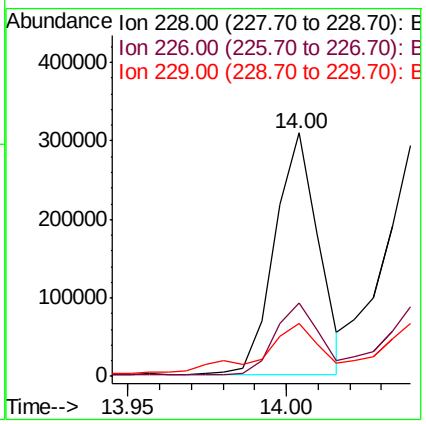


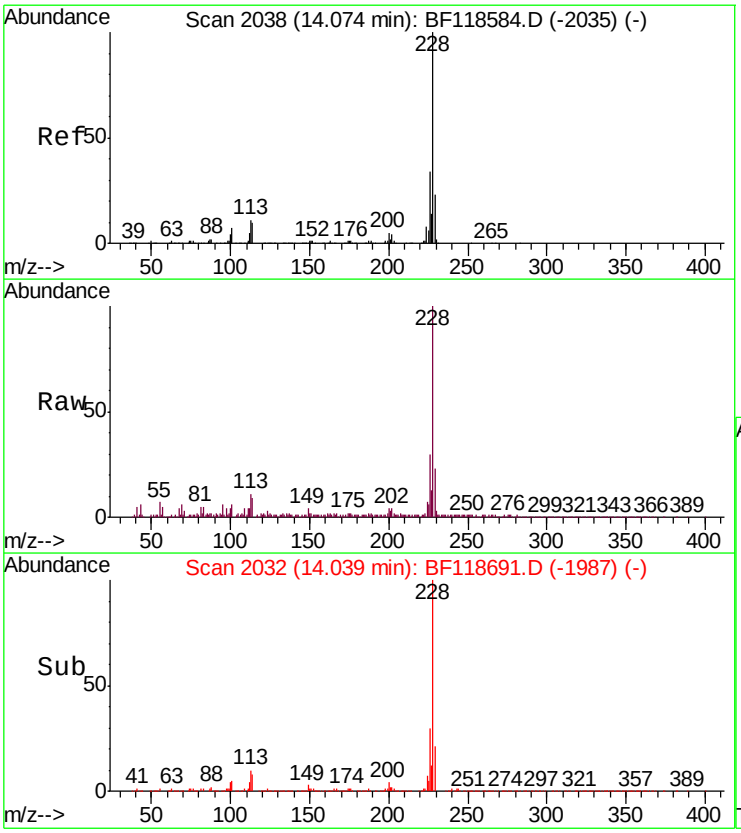
#81
Benzo(a)anthracene
Concen: 7.763 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:228 Resp: 296048

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	21.6	17.6	26.4

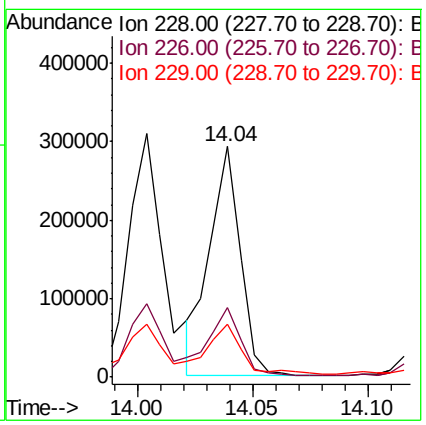


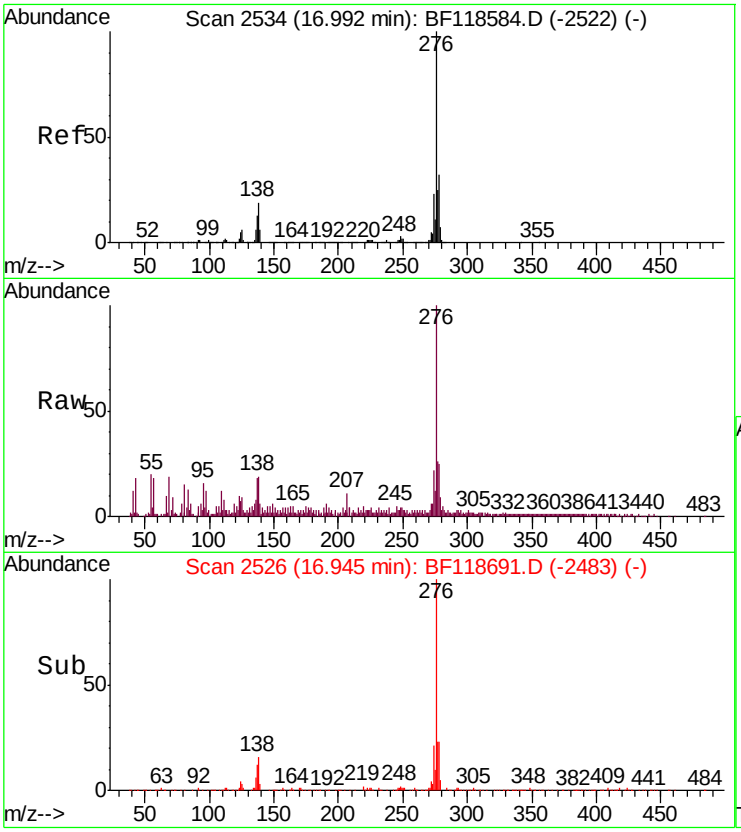


#83
Chrysene
Concen: 7.329 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:228 Resp: 267854

Ion	Ratio	Lower	Upper
228	100		
226	30.3	27.4	41.0
229	23.1	18.3	27.5



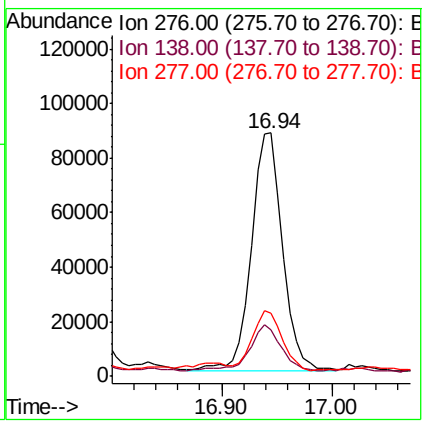


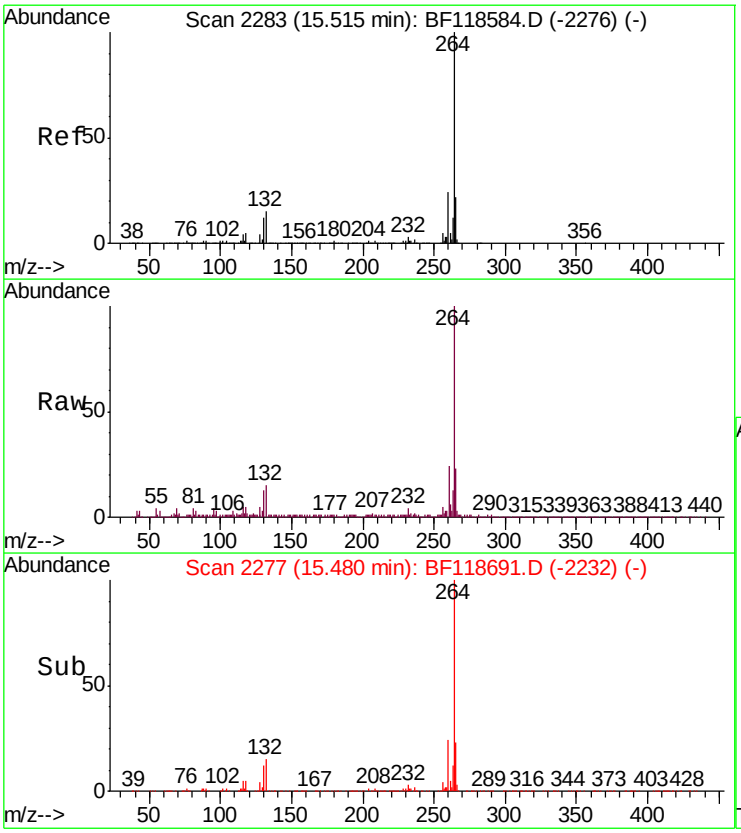
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.436 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.05 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:276 Resp: 172627

Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.2	25.8
277	23.4	20.5	30.7

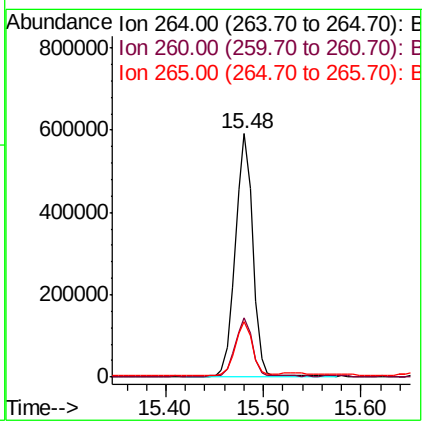


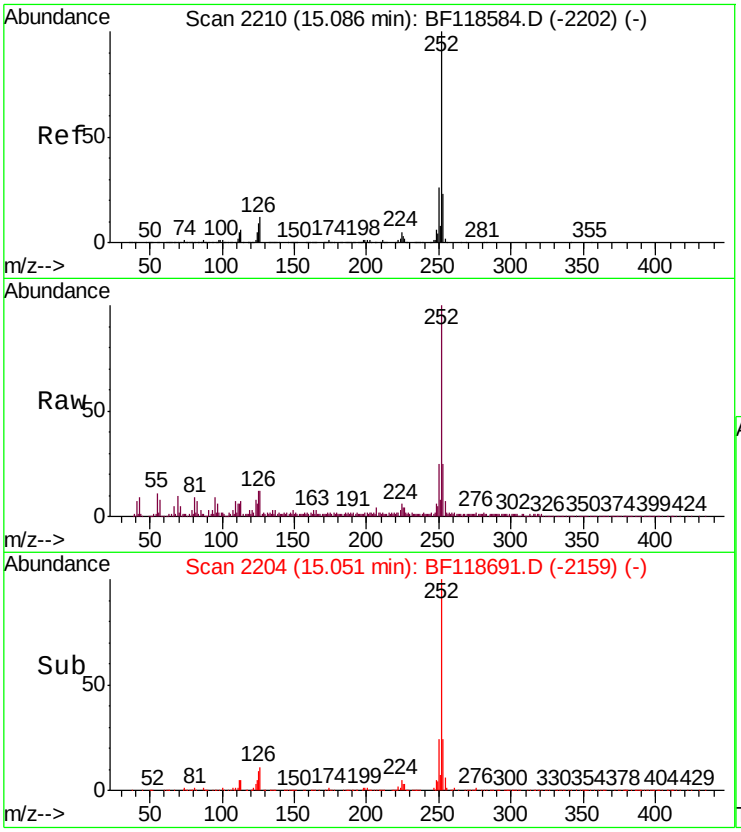


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:264 Resp: 729635

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	23.0	17.7	26.5



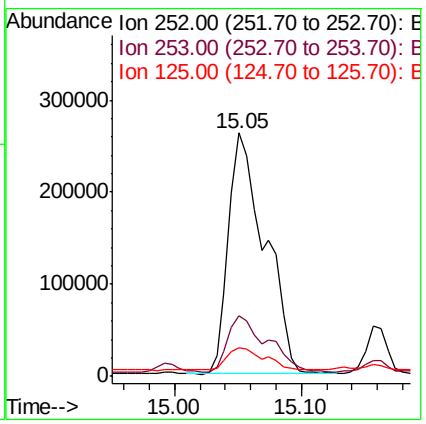


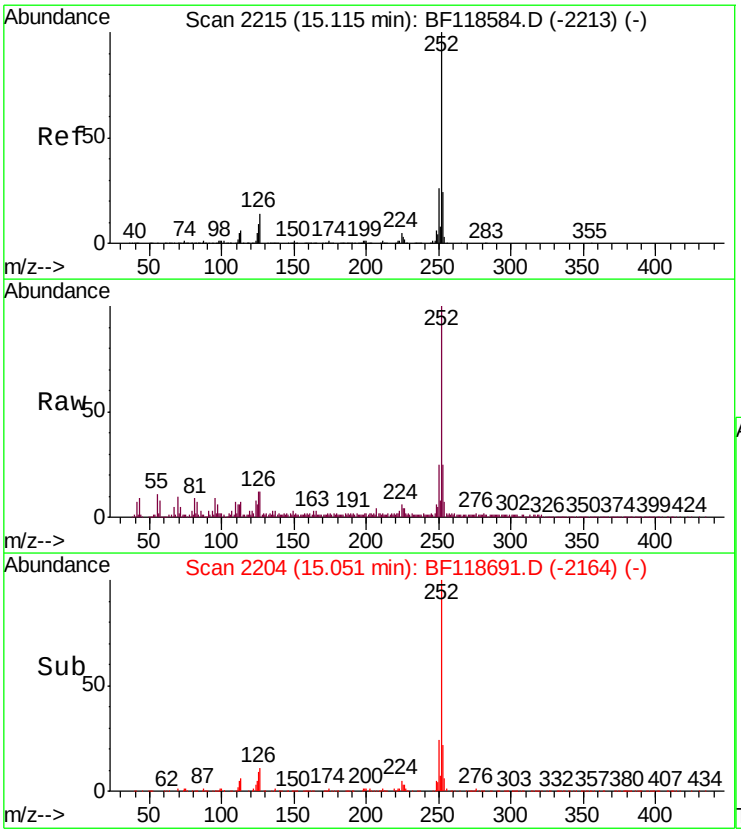
#88
Benzo(b)fluoranthene
Concen: 11.426 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:252 Resp: 524031

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.7	28.1
125	11.8	7.3	10.9#

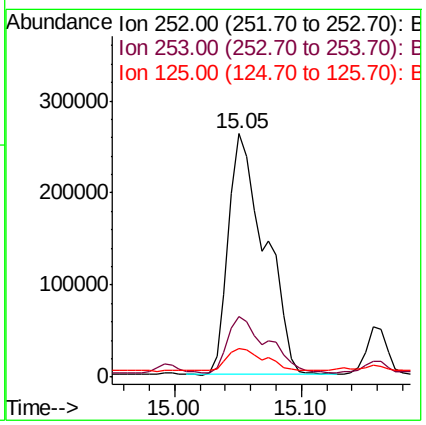


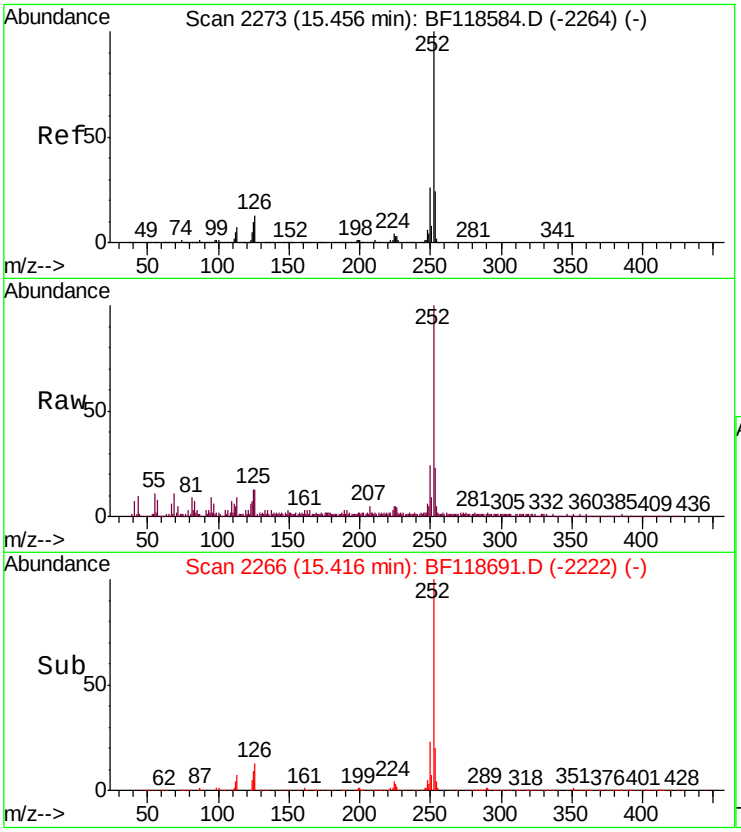


#89
Benzo(k)fluoranthene
Concen: 12.333 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.06 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:252 Resp: 524031

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.4
125	11.8	7.6	11.4#



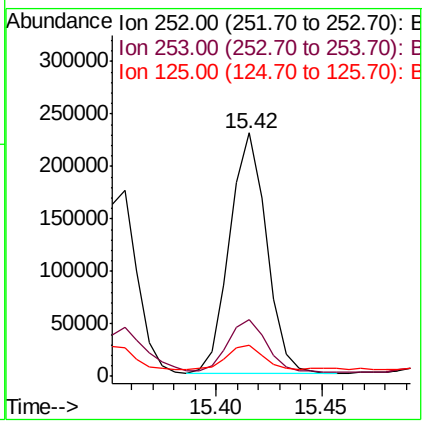


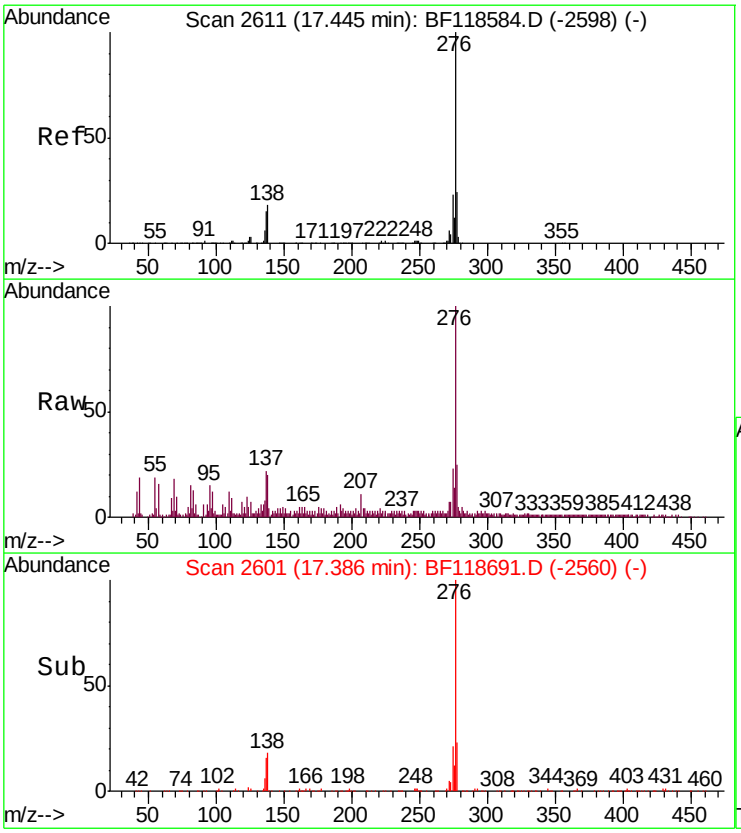
#90
Benzo(a)pyrene
Concen: 7.053 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.04 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Instrument :
BNA_F
ClientSampleId :
CTY-SB-04-0-5

Tgt Ion:252 Resp: 279036

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	12.9	7.8	11.6#





#92
Benzo(g,h,i)perylene
Concen: 4.736 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.06 min
Lab File: BF118691.D
Acq: 24 Jan 2020 17:49

Tgt Ion:276 Resp: 160918

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.9	28.3
138	20.4	14.4	21.6