Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012120\

Quantitation Report (Not Reviewed)

Data File : BF118652.D
Acq On : 22 Jan 2020 00:32
Operator : CG/JU
Sample : L1106-06RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CIY1-SB-01-0-52RE

Quant Time: Jan 22 04:23:26 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	6.88	152	436670	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1573396	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	846677	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	1368592	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	951253	20.00	ng		-0.01
87) Perylene-d12	15.51	264	1048237	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2821523	120.01	ng		0.00
7) Phenol-d6	6.51	99	3728020	121.99	ng		0.00
23) Nitrobenzene-d5	7.44	82	2316614	82.36	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	1133376	115.73	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	3626858	70.41	ng		0.00
79) Terphenyl-d14	12.99	244	3362884	77.11	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	326539	15.825	ng	#	75
25) Isophorone	7.44	82	2302361	44.874	ng	#	64
50) Dimethylphthalate	9.63	163	387373	7.022	ng		97
57) 2,4-Dinitrotoluene	9.92	165	111351	7.151	ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	71301	4.217	ng	#	1
75) Fluoranthene	12.61	202	276547	3.971	ng		94
78) Pyrene	12.84	202	284509	4.405	ng		91
80) Butylbenzylphthalate	13.46	149	1161991	43.964	ng		98
81) Benzo(a)anthracene	14.03	228	121777	2.128	ng		98
83) Chrysene	14.06	228	137119	2.500	ng		96
84) Bis(2-ethylhexyl)phthalate	14.02	149	358062	11.089	ng		99
88) Benzo(b)fluoranthene	15.07	252	194674	2.955	ng	#	96
89) Benzo(k)fluoranthene	15.07	252	194674	3.189	ng	#	96

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

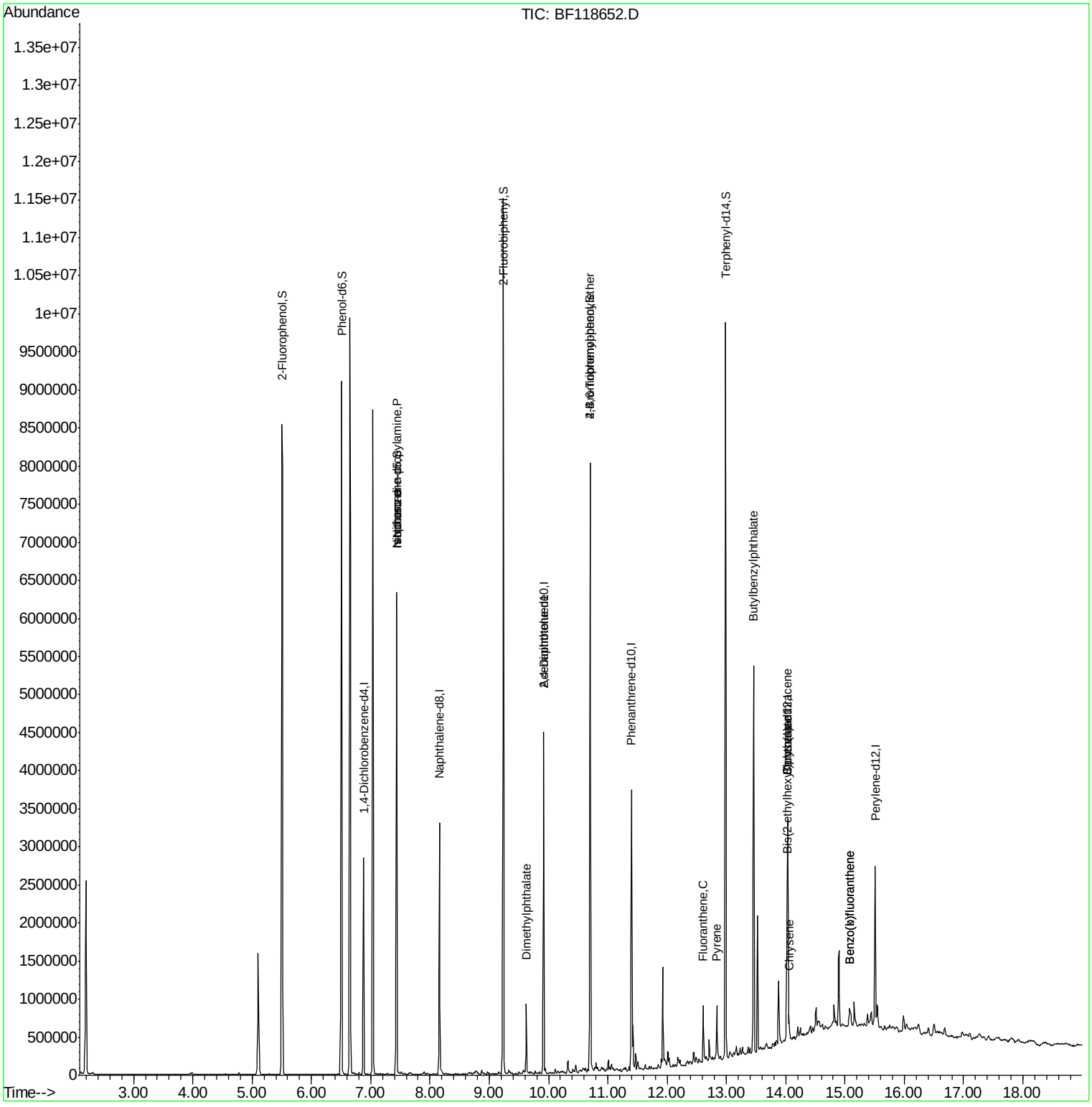
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012120\

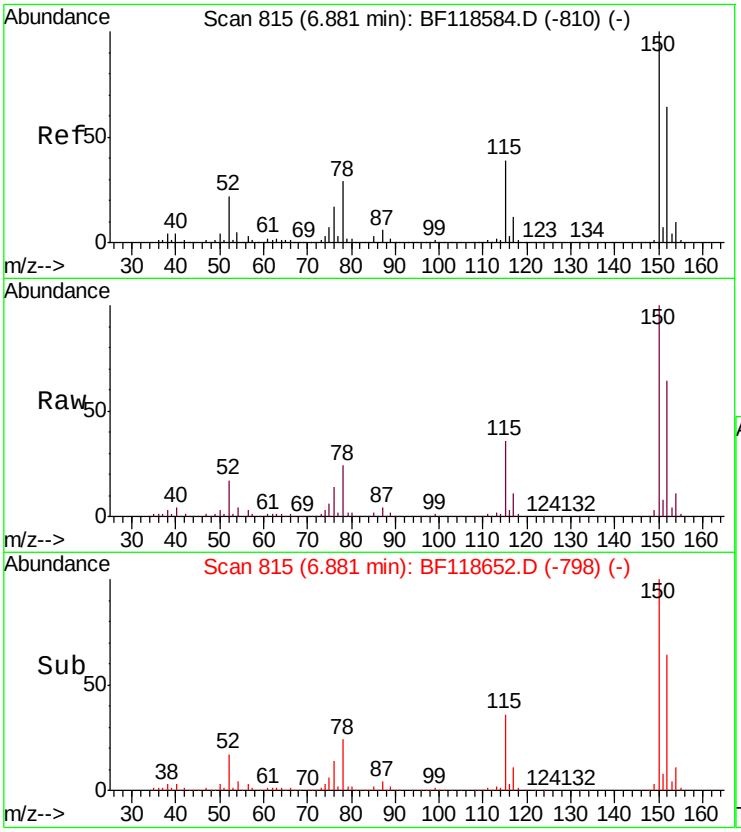
Quantitation Report (Not Reviewed)

Data File : BF118652.D
Acq On : 22 Jan 2020 00:32
Operator : CG/JU
Sample : L1106-06RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Quant Time: Jan 22 04:23:26 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



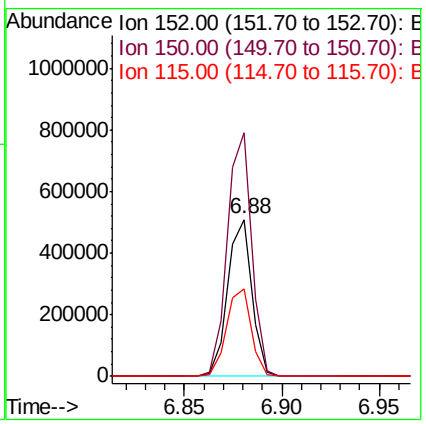


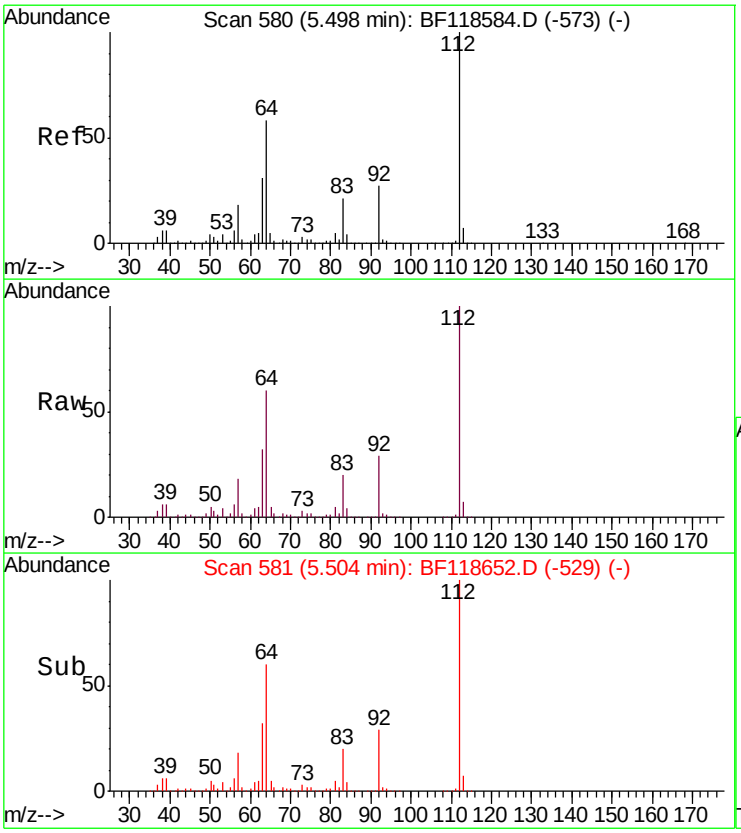
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:152 Resp: 436670

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.6	188.4
115	55.7	48.4	72.6

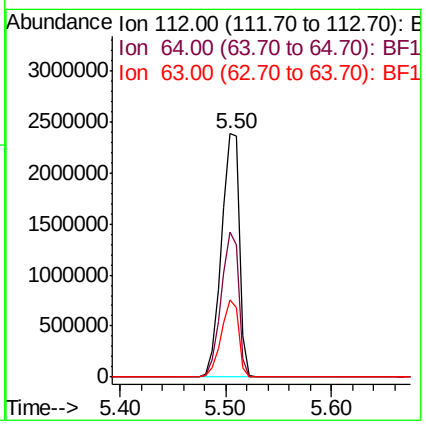


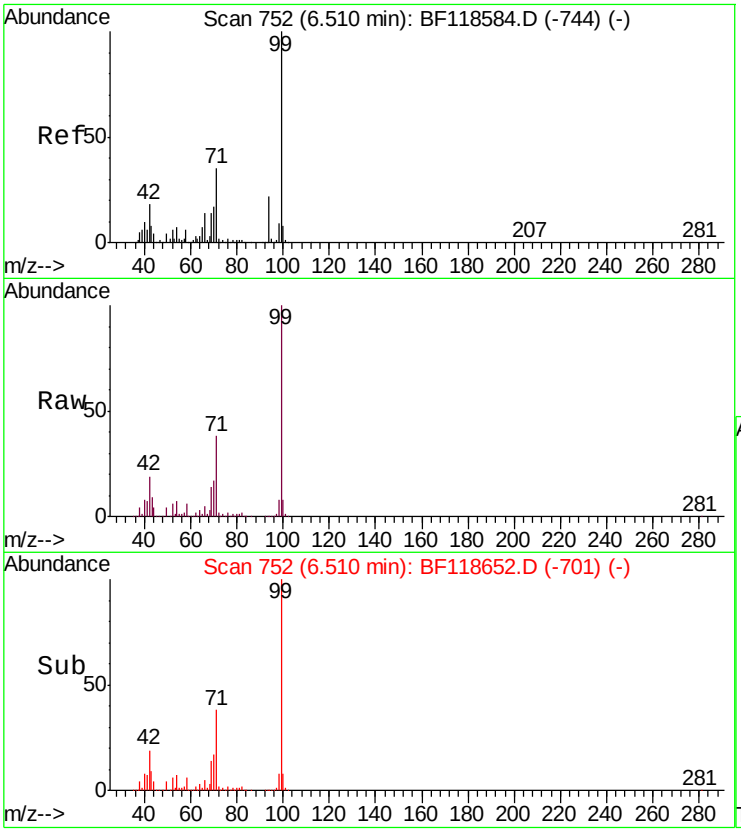


#5
2-Fluorophenol
Concen: 120.006 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:112 Resp: 2821523

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.6	70.0
63	31.5	25.1	37.7



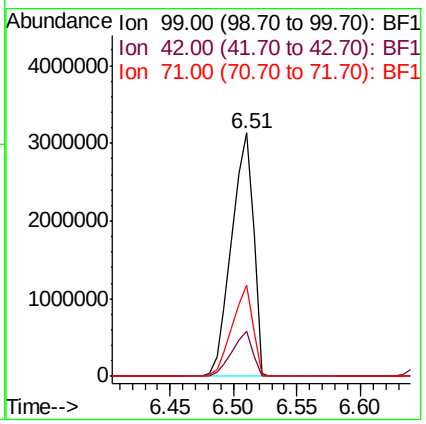


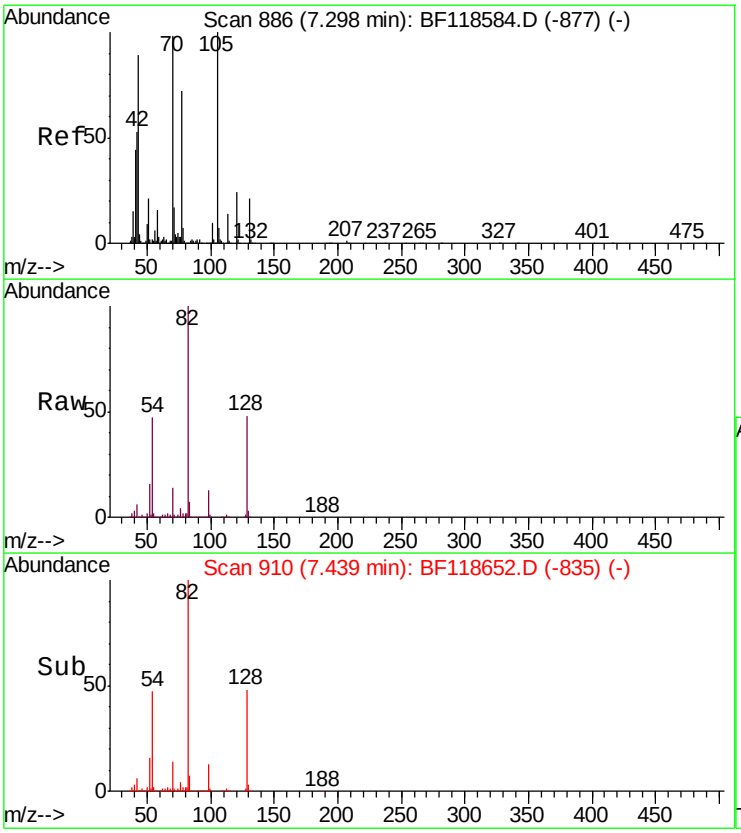
#7
Phenol-d6
Concen: 121.994 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion: 99 Resp: 3728020

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.2	21.2
71	37.5	27.8	41.6

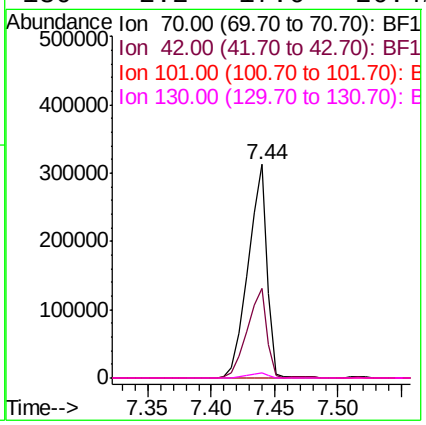


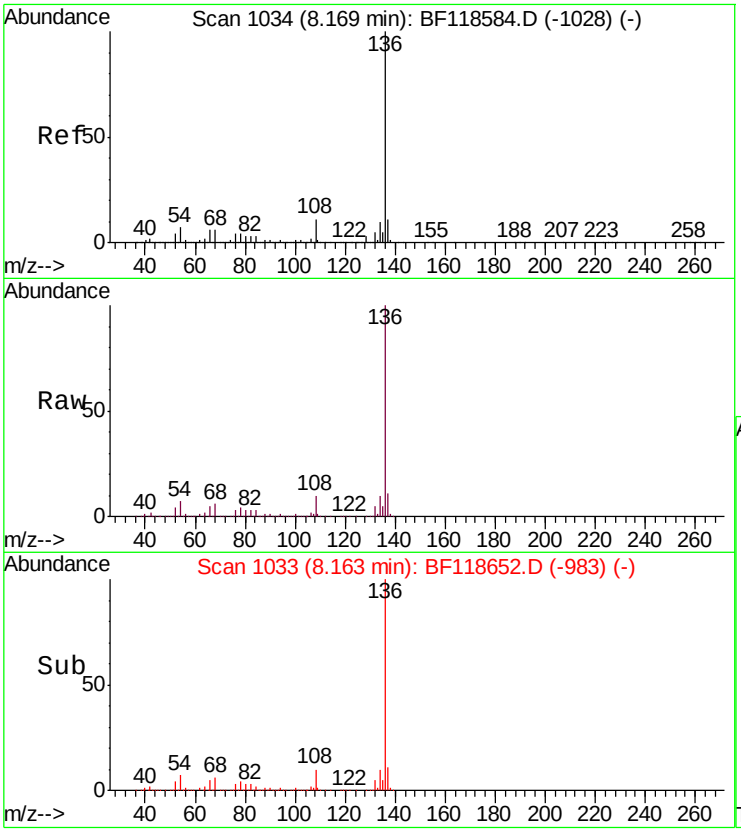


#19
n-Nitroso-di-n-propylamine
Concen: 15.825 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion: 70 Resp: 326539

Ion	Ratio	Lower	Upper
70	100		
42	41.9	43.4	65.0#
101	0.0	8.1	12.1#
130	2.2	17.6	26.4#



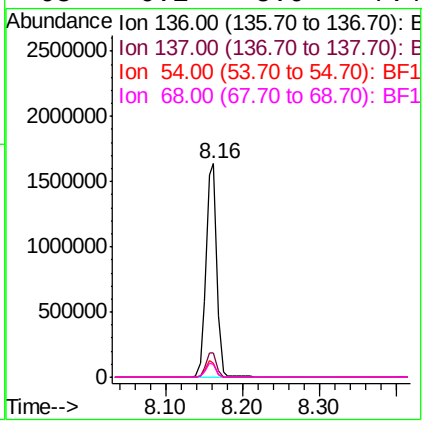


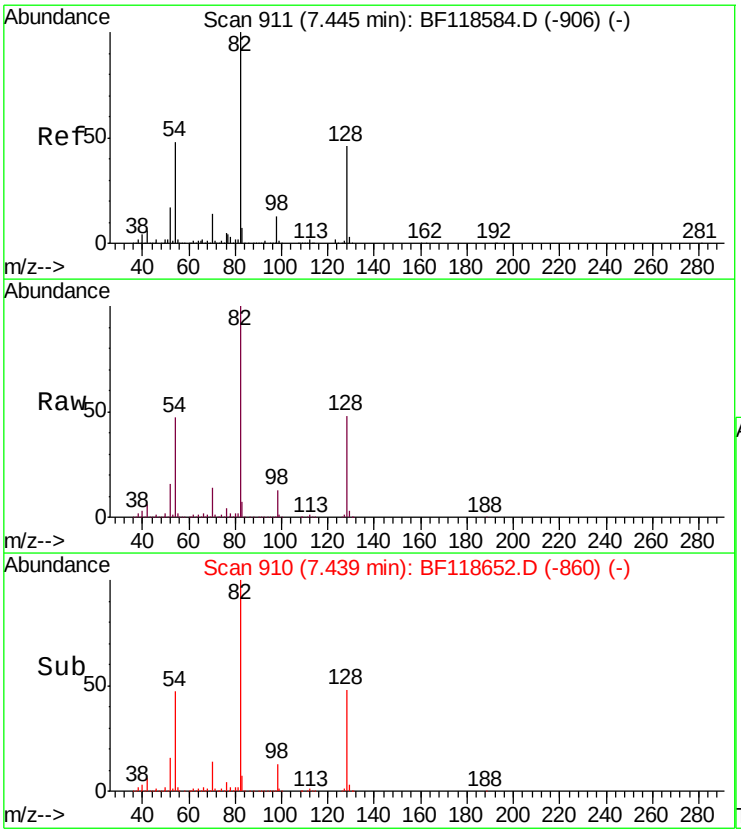
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:136 Resp: 1573396

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.9	5.8	8.6
68	6.1	5.0	7.4

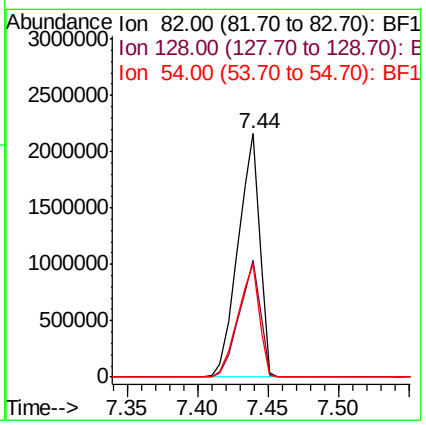


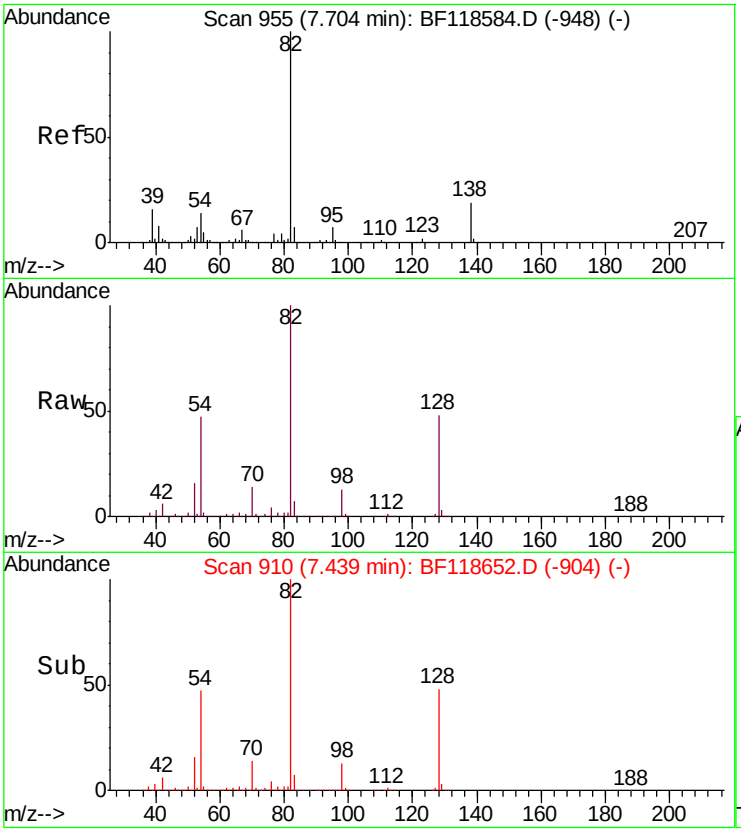


#23
Nitrobenzene-d5
Concen: 82.355 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion: 82 Resp: 2316614

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.6	54.8
54	46.7	38.0	57.0



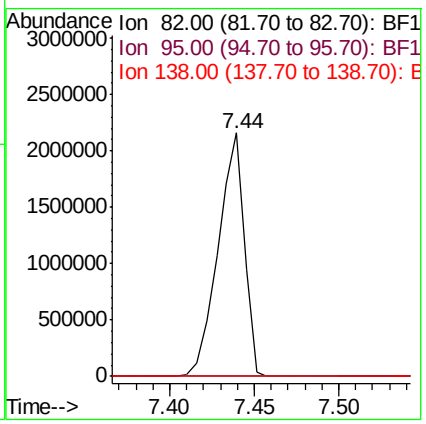


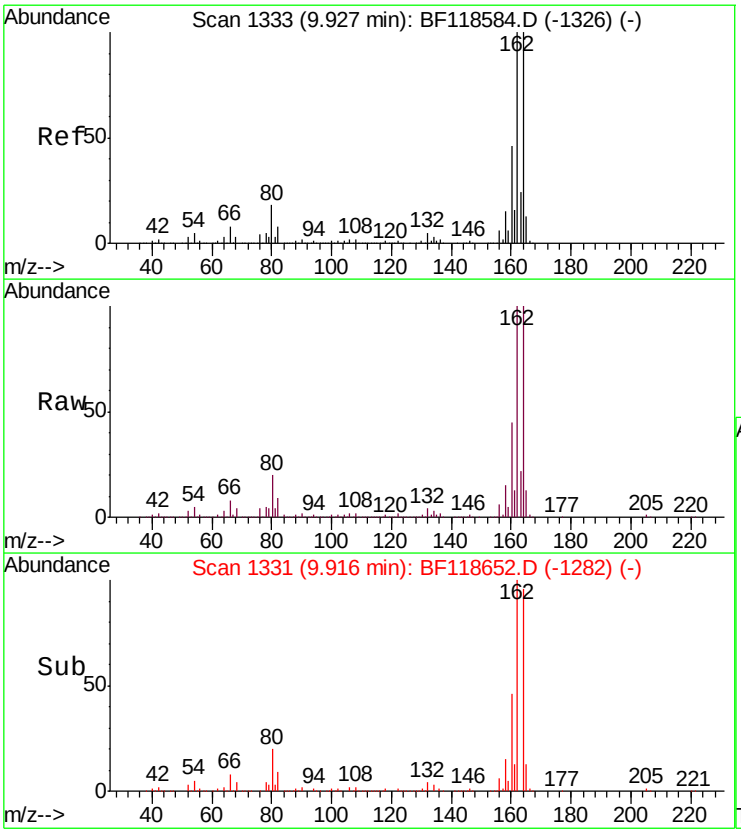
#25
Isophorone
Concen: 44.874 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion: 82 Resp: 2302361

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

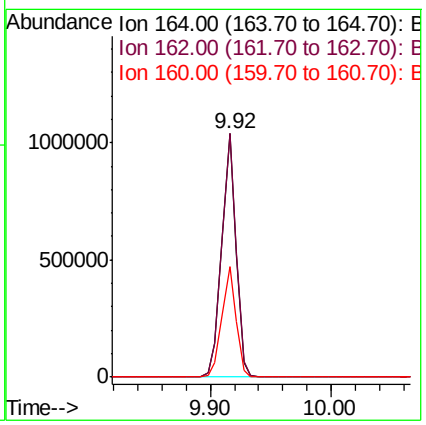


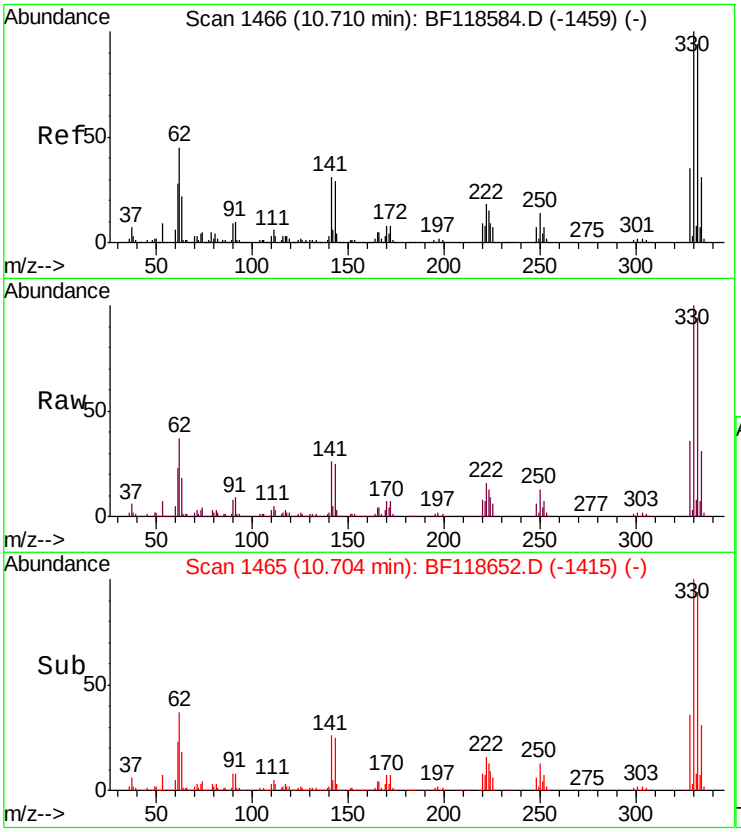


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:164 Resp: 846677

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.4	120.6
160	45.4	36.6	55.0



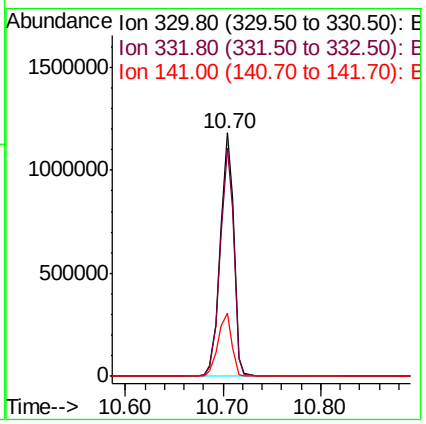


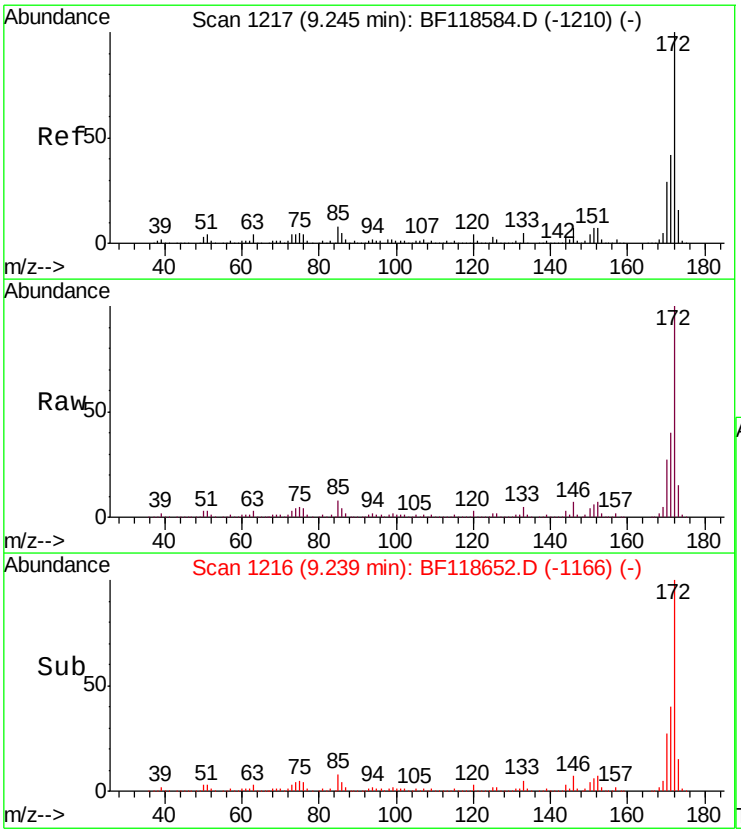
#42
2,4,6-Tribromophenol
Concen: 115.734 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:330 Resp: 1133376

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.2	114.4
141	26.9	23.9	35.9

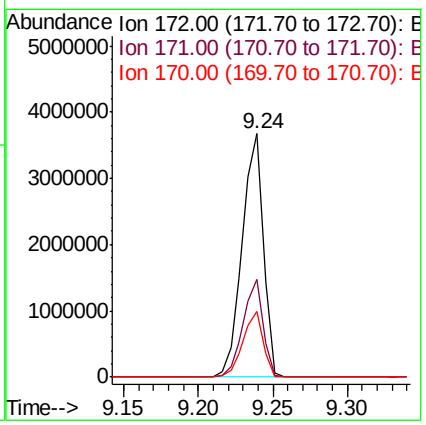


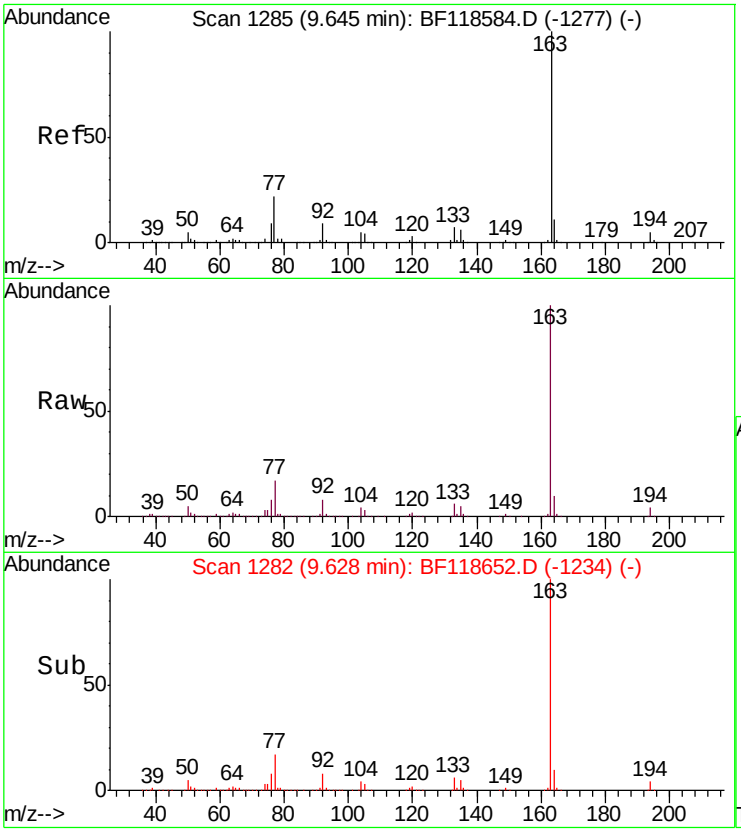


#45
2-Fluorobiphenyl
Concen: 70.407 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:172 Resp: 3626858

Ion	Ratio	Lower	Upper
172	100		
171	40.0	33.4	50.2
170	27.2	23.2	34.8



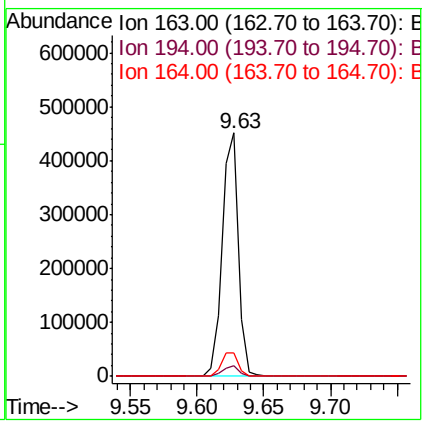


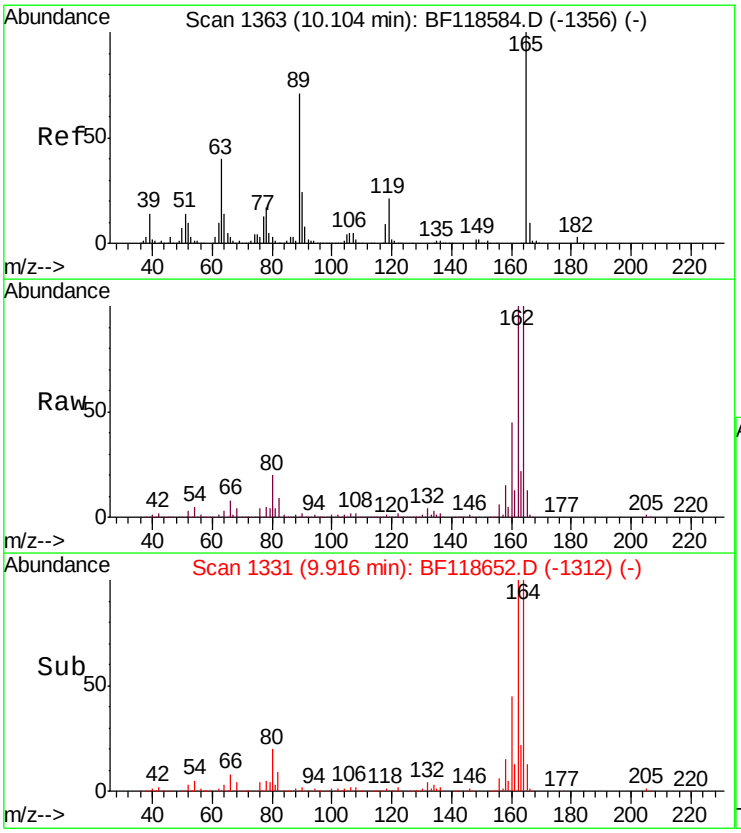
#50
Dimethylphthalate
Concen: 7.022 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:163 Resp: 387373

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	9.8	9.1	13.7

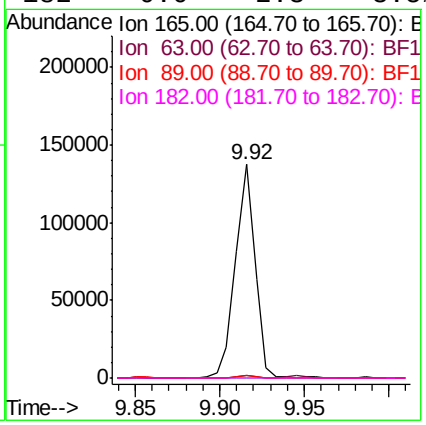


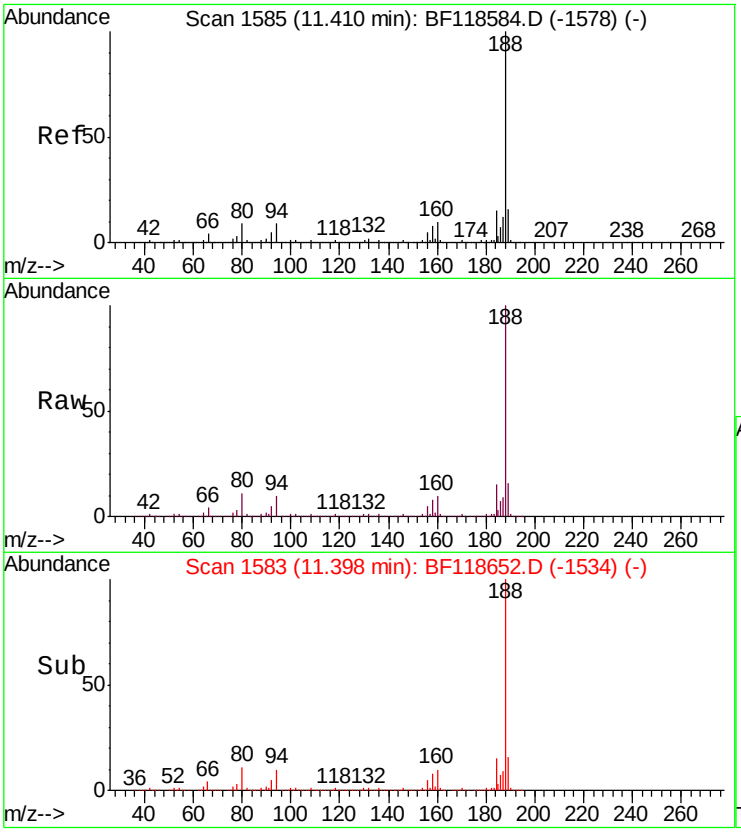


#57
2,4-Dinitrotoluene
Concen: 7.151 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:165 Resp: 111351

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.4	48.6#
89	1.1	56.4	84.6#
182	0.0	2.3	3.5#



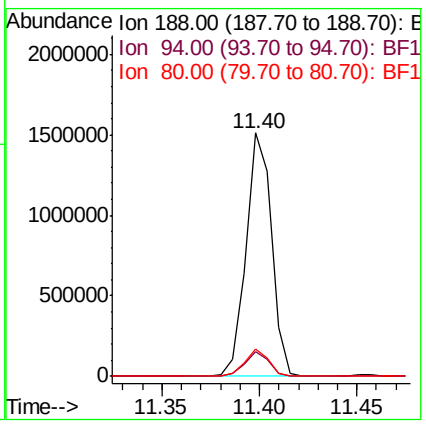


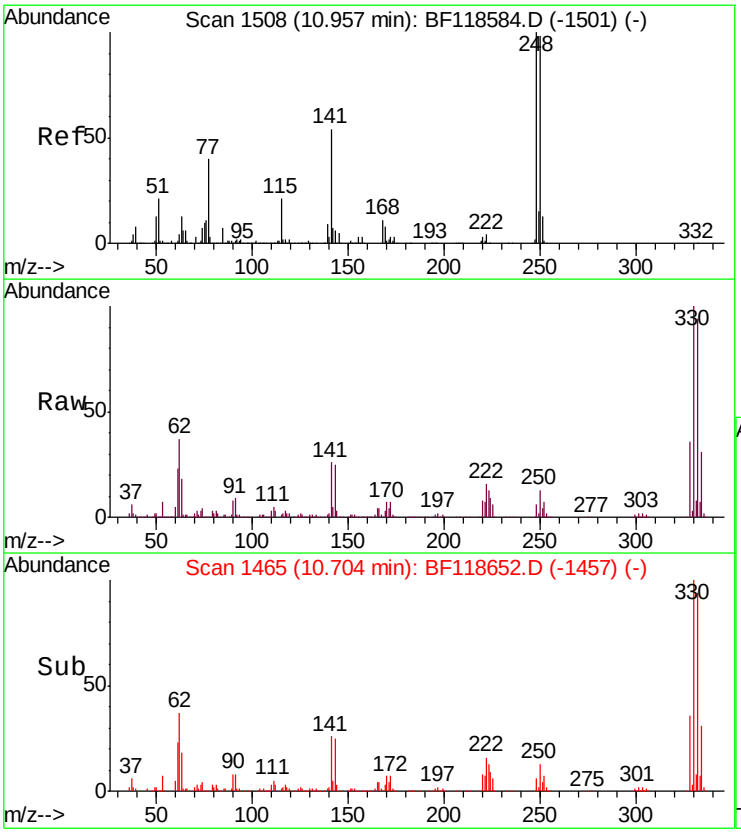
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:188 Resp: 1368592

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	11.0	7.5	11.3

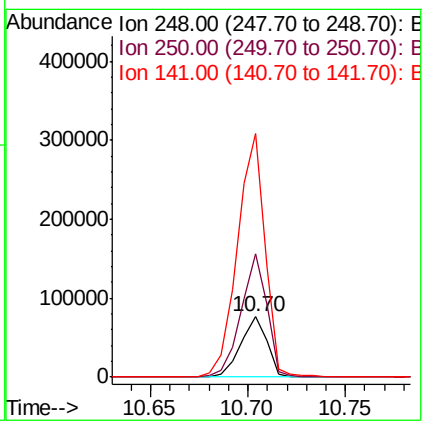


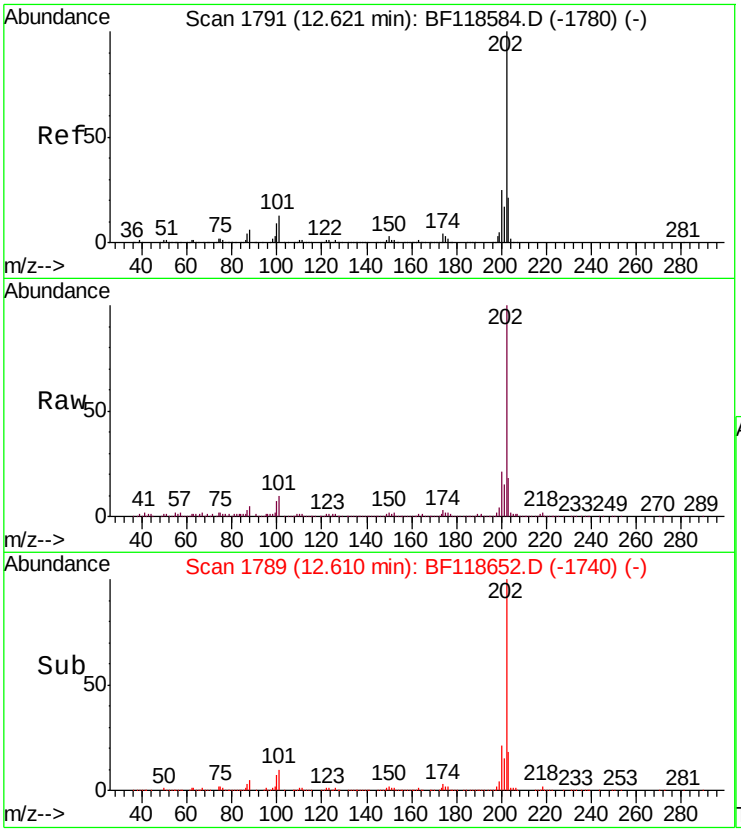


#67
4-Bromophenyl-phenylether
Concen: 4.217 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:248 Resp: 71301

Ion	Ratio	Lower	Upper
248	100		
250	203.0	78.7	118.1#
141	402.5	43.2	64.8#



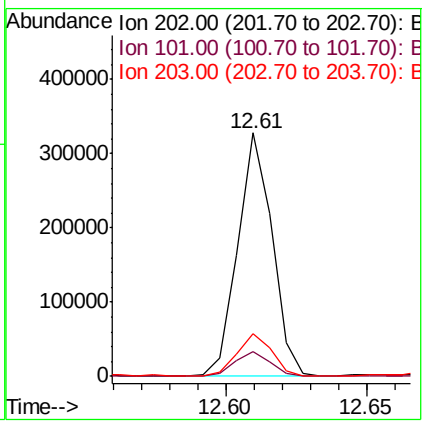


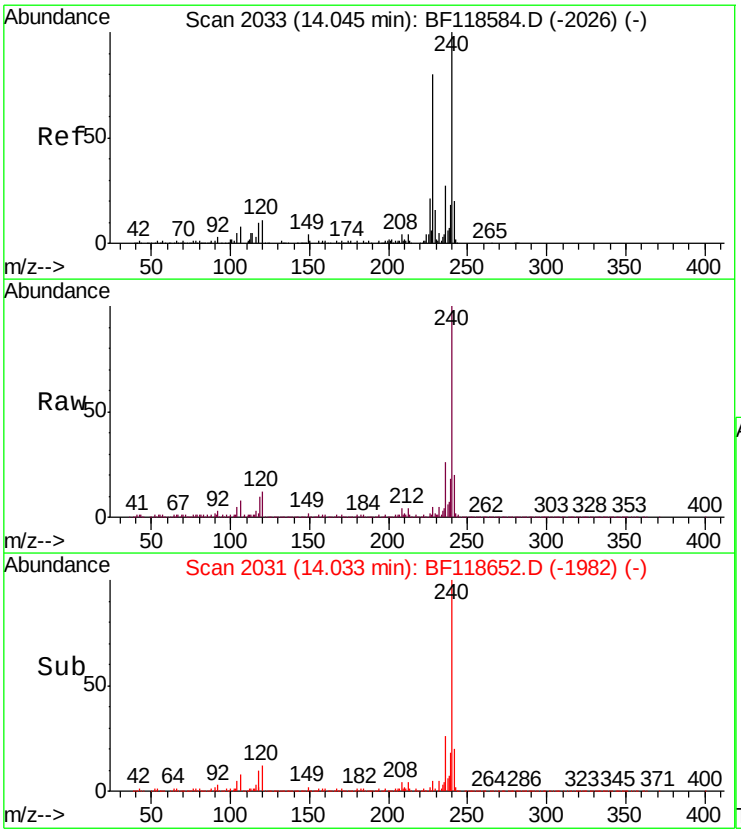
#75
Fluoranthene
Concen: 3.971 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:202 Resp: 276547

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.5
203	17.7	0.8	40.8

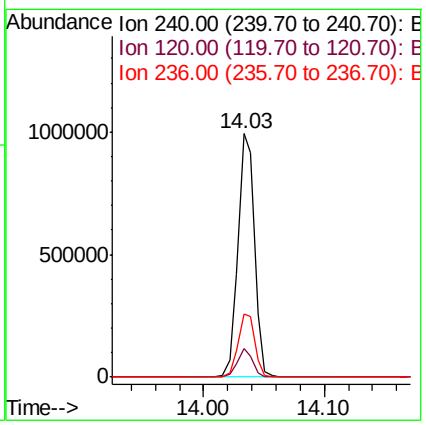


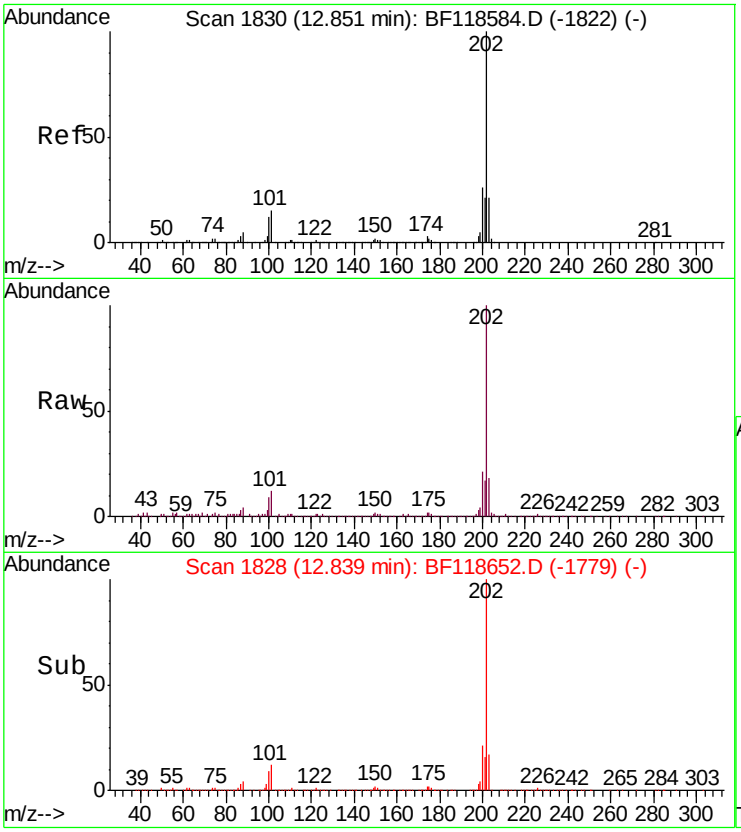


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:240 Resp: 951253

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	25.7	21.5	32.3



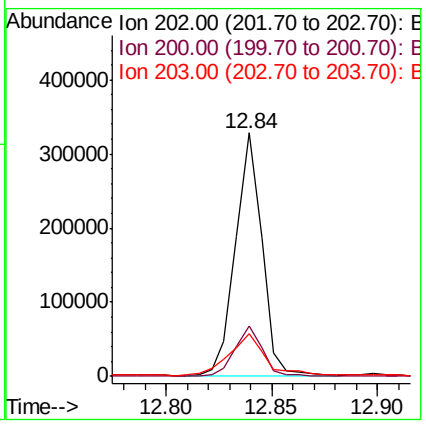


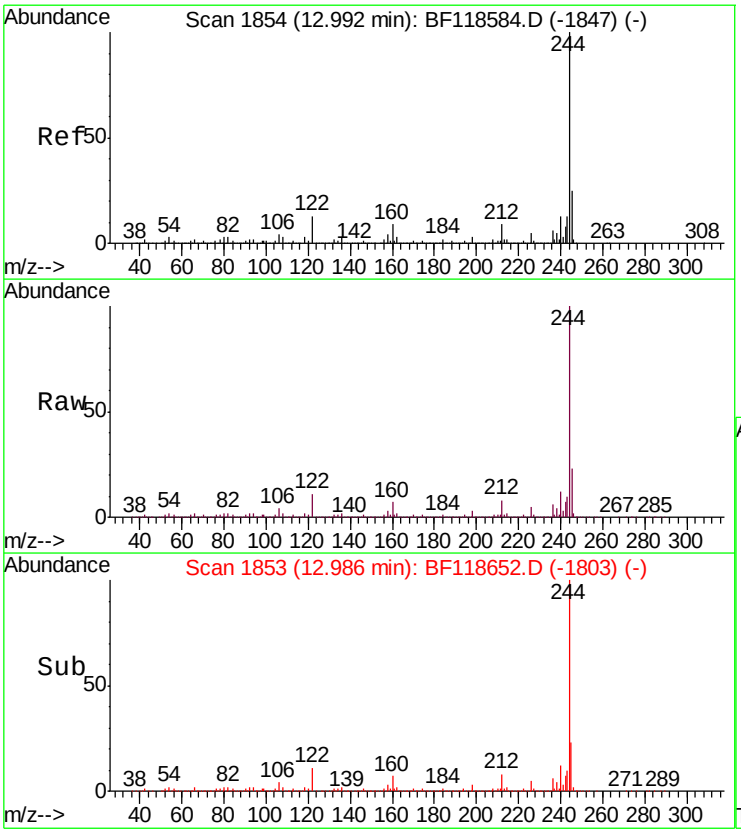
#78
Pyrene
Concen: 4.405 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:202 Resp: 284509

Ion	Ratio	Lower	Upper
202	100		
200	20.7	20.6	31.0
203	17.7	16.8	25.2

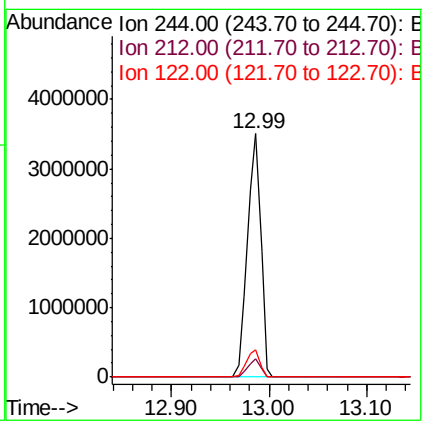


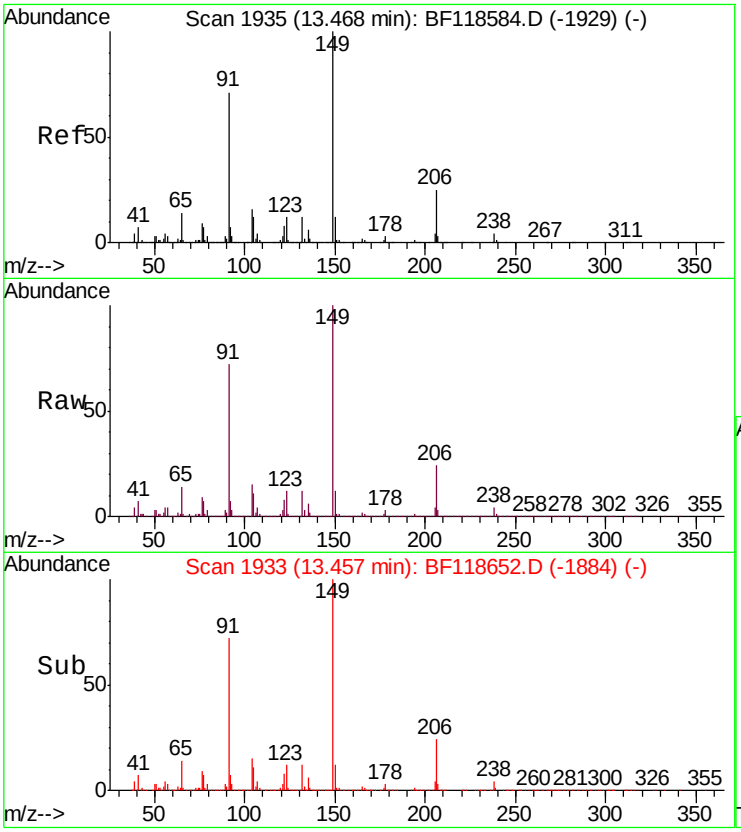


#79
Terphenyl-d14
Concen: 77.106 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:244 Resp: 3362884

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.4
122	11.1	10.7	16.1



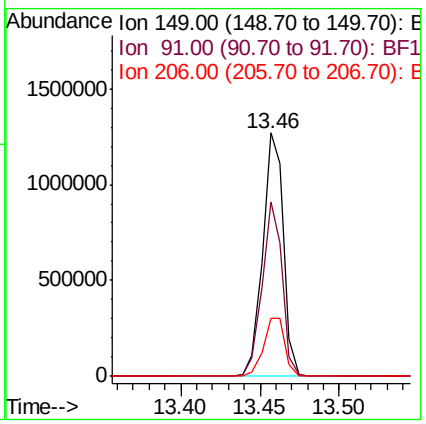


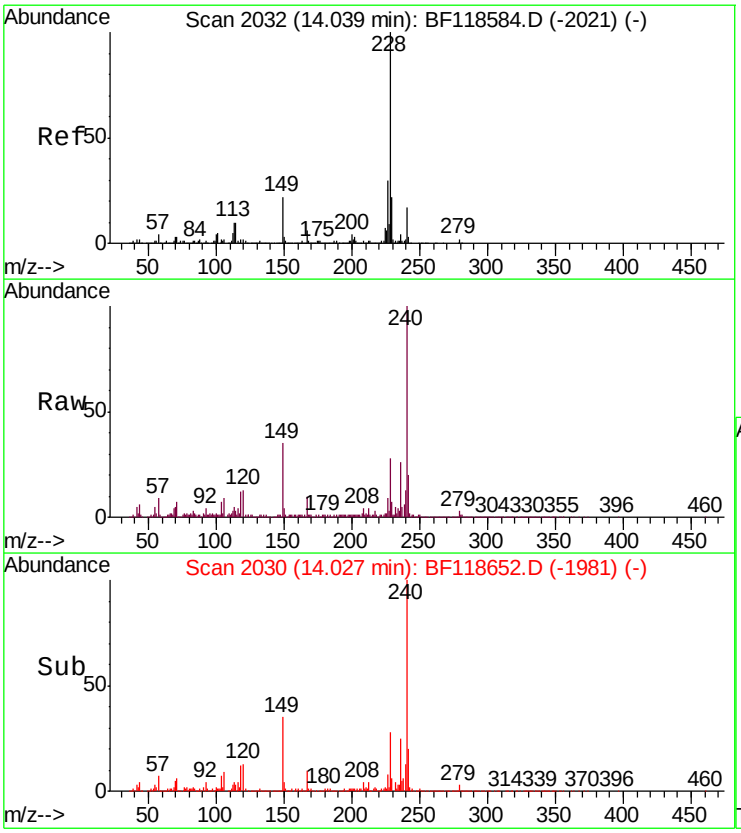
#80
Butylbenzylphthalate
Concen: 43.964 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:149 Resp: 1161991

Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.5	84.7
206	23.8	19.9	29.9

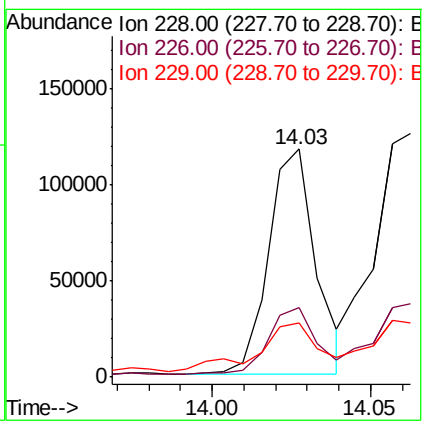


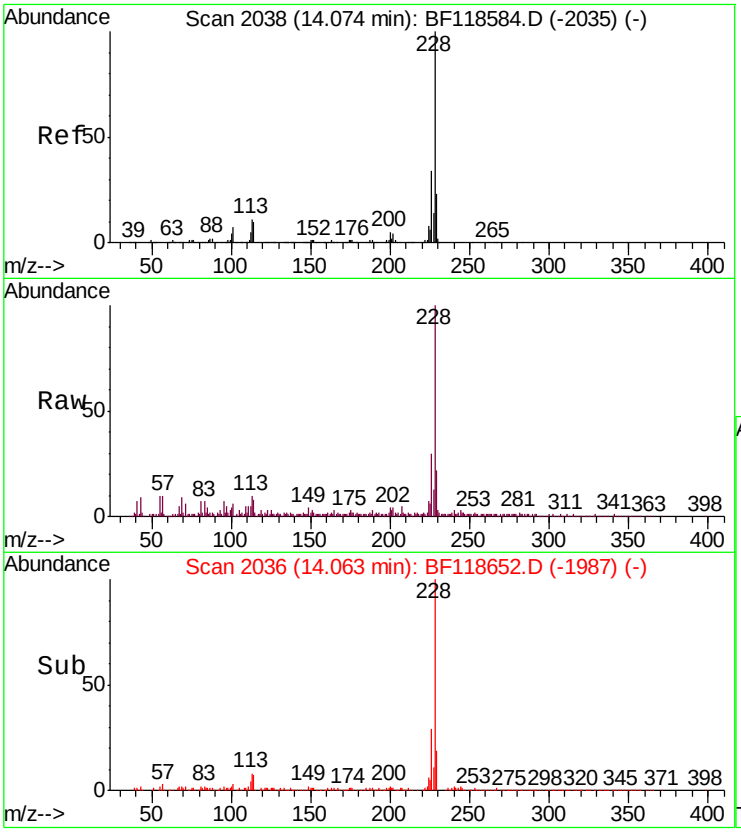


#81
Benzo(a)anthracene
Concen: 2.128 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:228 Resp: 121777

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	23.5	17.6	26.4



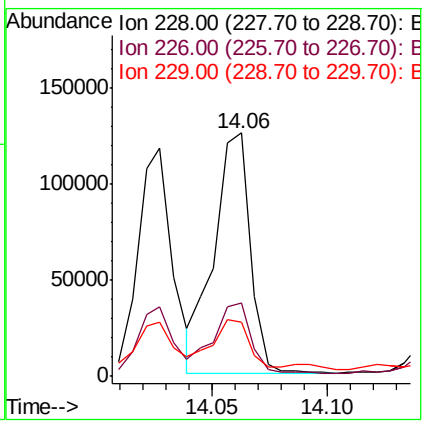


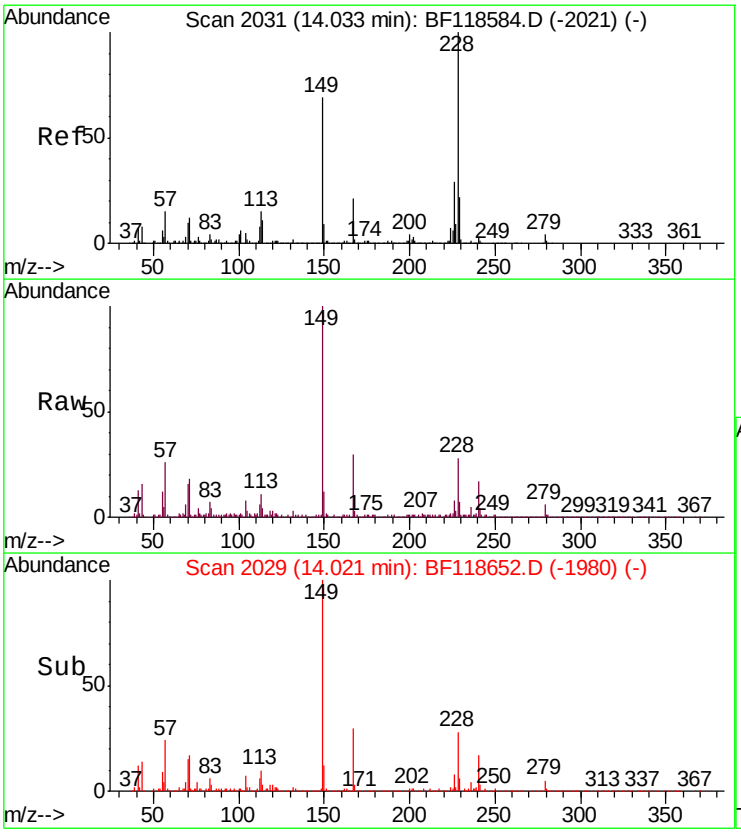
#83
Chrysene
Concen: 2.500 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:228 Resp: 137119

Ion	Ratio	Lower	Upper
228	100		
226	30.4	27.4	41.0
229	22.3	18.3	27.5

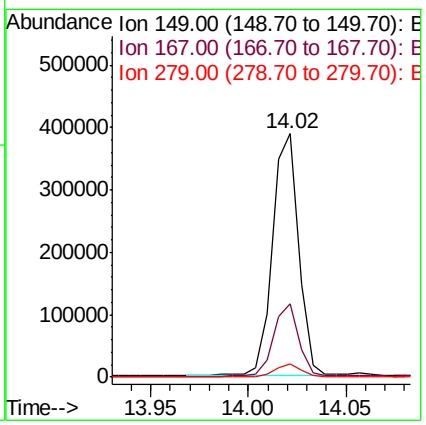


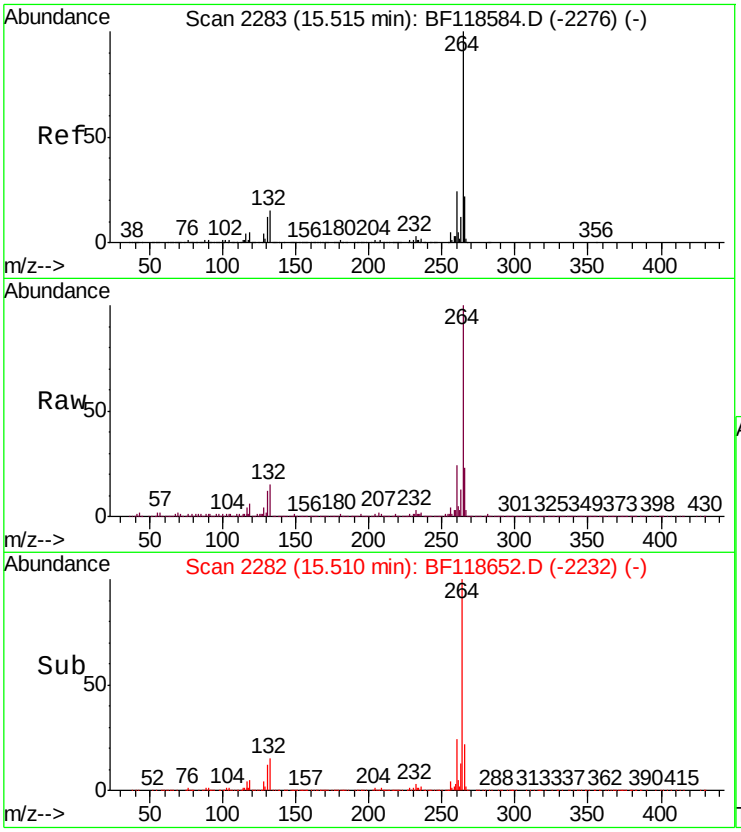


#84
Bis(2-ethylhexyl)phthalate
Concen: 11.089 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:149 Resp: 358062

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.2	36.4
279	5.6	5.0	7.4



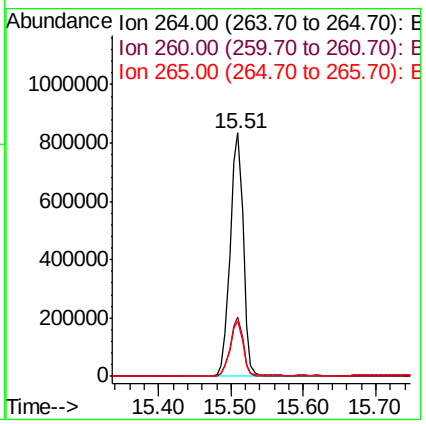


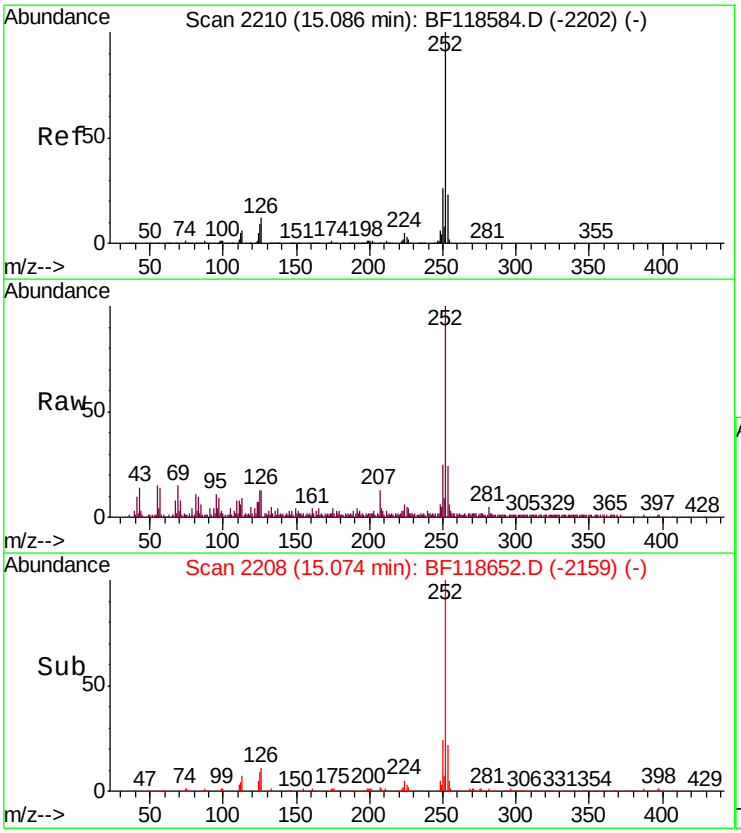
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:264 Resp: 1048237

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.6	17.7	26.5

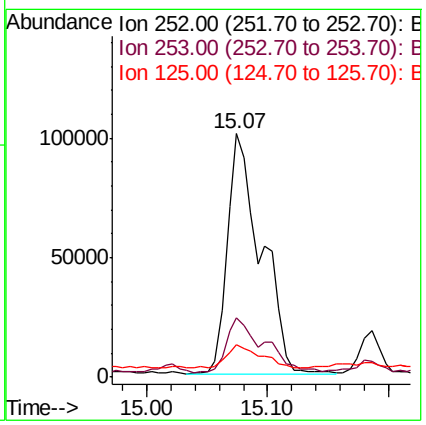


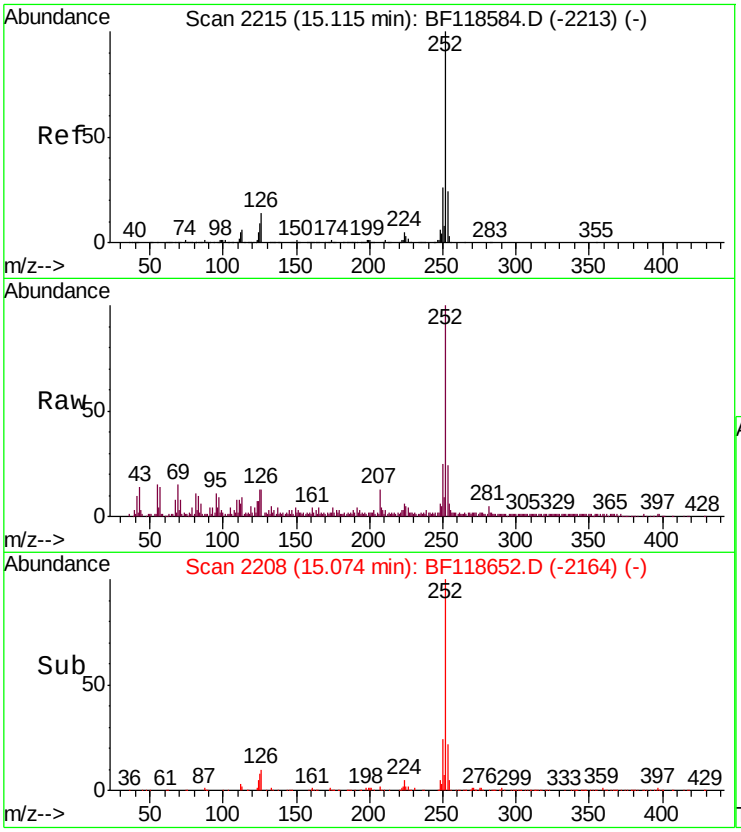


#88
Benzo(b)fluoranthene
Concen: 2.955 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Tgt Ion:252 Resp: 194674

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	13.3	7.3	10.9#





#89
Benzo(k)fluoranthene
Concen: 3.189 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF118652.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52RE

Tgt Ion:252 Resp: 194674

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.4
125	13.3	7.6	11.4#