Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
Data File : BF120705.D
Acq On : 25 Jun 2020 15:56
Operator : JU/CG
Sample : L2810-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-062420

Quant Time: Jun 25 16:46:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160221	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	599616	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	288563	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	563735	20.00	ng		0.00
76) Chrysene-d12	13.97	240	412151	20.00	ng		0.00
86) Perylene-d12	15.42	264	421566	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	365705	39.13	ng		0.00
7) Phenol-d6	6.43	99	453017	38.92	ng		-0.01
23) Nitrobenzene-d5	7.36	82	272405	25.39	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	136153	40.58	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	570683	30.26	ng		-0.01
79) Terphenyl-d14	12.90	244	708294	37.96	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	34060	5.045	ng	#	77
25) Isophorone	7.36	82	272044	13.019	ng	#	62
31) Naphthalene	8.10	128	218263	7.413	ng		99
33) 4-Chloroaniline	8.10	127	28395	2.101	ng	#	32
37) 2-Methylnaphthalene	8.79	142	112130	5.834	ng		98
38) 1-Methylnaphthalene	8.89	142	90075	4.980	ng		100
49) Acenaphthylene	9.69	152	176398	6.487	ng		99
50) Dimethylphthalate	9.55	163	54668	2.630	ng		98
52) Acenaphthene	9.87	154	85703	5.284	ng		100
54) 2,4-Dinitrophenol	9.88	184	235	3.144	ng	#	1
55) Dibenzofuran	10.04	168	151863	6.107	ng		98
56) 4-Nitrophenol	10.04	139	51054	11.983	ng	#	13
58) Fluorene	10.38	166	248308	12.953	ng		100
71) Phenanthrene	11.35	178	1517601	54.155	ng		99
72) Anthracene	11.40	178	593402	21.008	ng		99
73) Carbazole	11.55	167	210044	7.512	ng		99
75) Fluoranthene	12.54	202	1660142	51.815	ng		99
78) Pyrene	12.77	202	1457417	49.916	ng		99
81) Benzo(a)anthracene	13.96	228	687406	27.761	ng		95
83) Chrysene	13.99	228	620266	24.421	ng		97
87) Indeno(1,2,3-cd)pyrene	16.84	276	373405	14.562	ng		96
88) Benzo(b)fluoranthene	15.00	252	959296	38.201	ng		97
89) Benzo(k)fluoranthene	15.00	252	959296	43.172	ng		97
90) Benzo(a)pyrene	15.35	252	531288	23.640	ng		97
91) Dibenzo(a,h)anthracene	16.85	278	92214	4.484	ng	#	82
92) Benzo(g,h,i)perylene	17.28	276	332467	16.040	ng		99

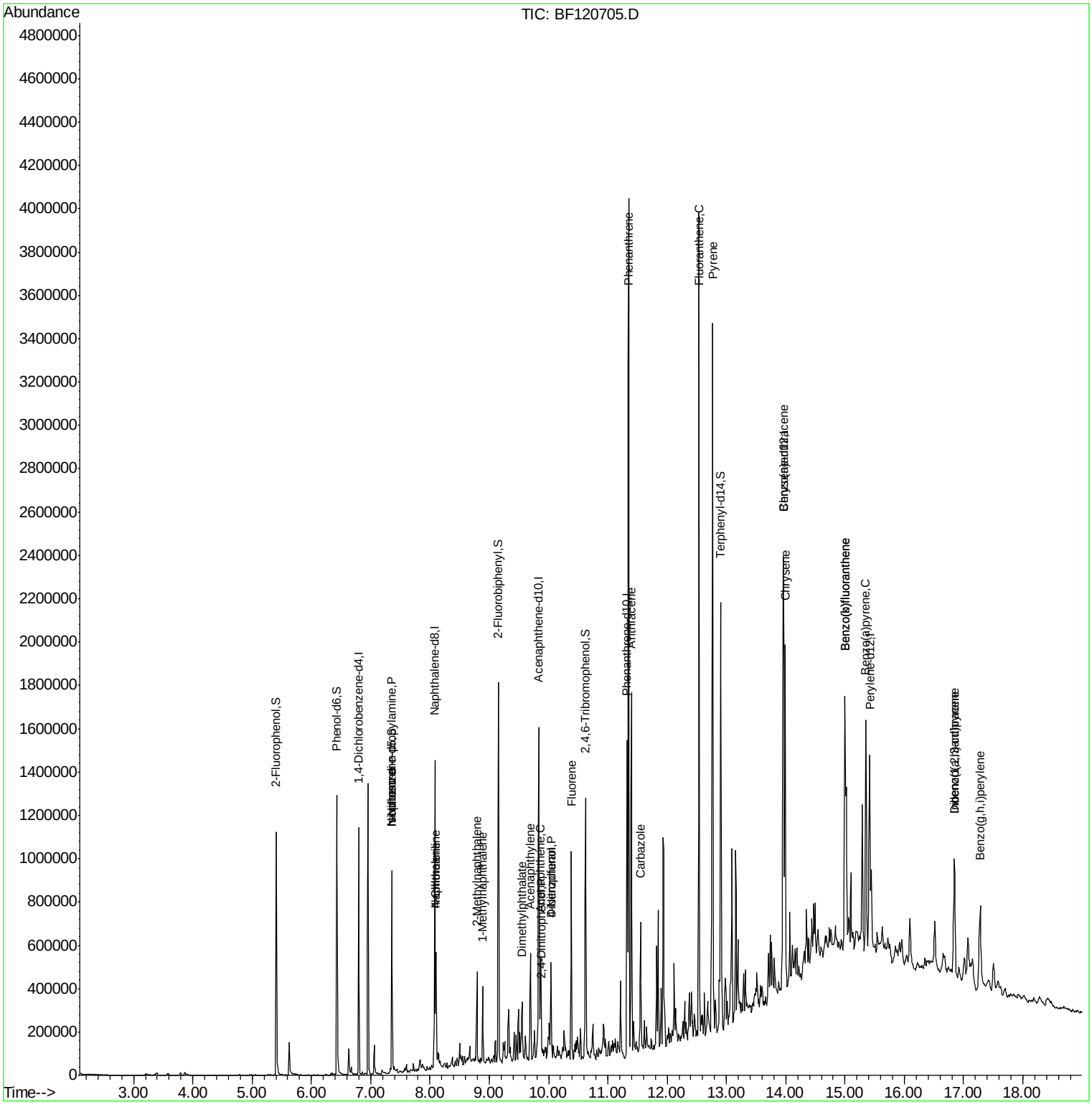
(#) = qualifier out of range (m) = manual integration (+) = signals summed

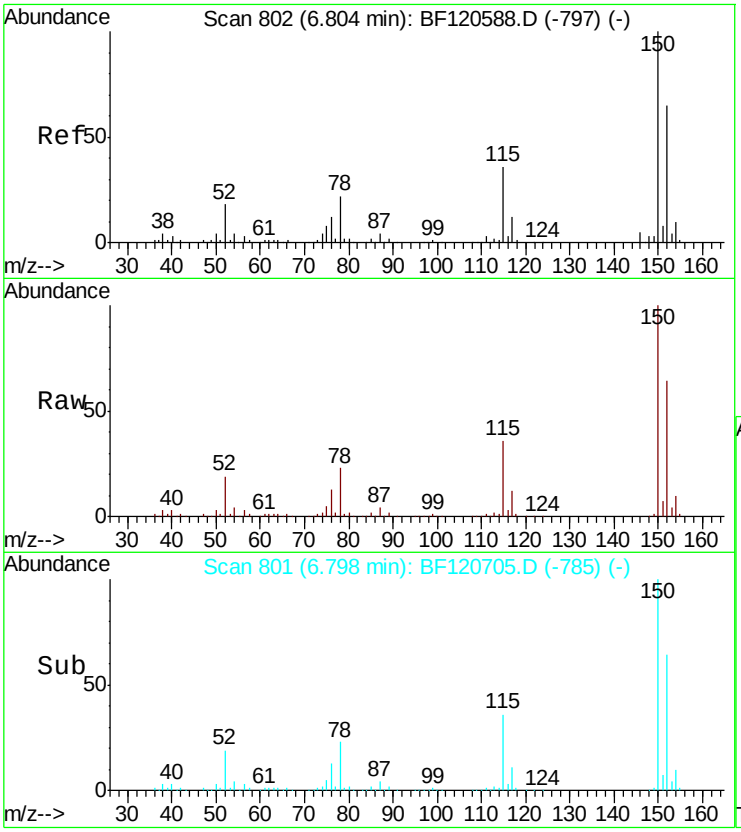
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
Data File : BF120705.D
Acq On : 25 Jun 2020 15:56
Operator : JU/CG
Sample : L2810-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Quant Time: Jun 25 16:46:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration



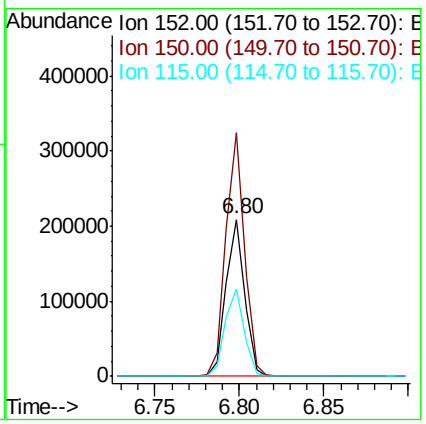


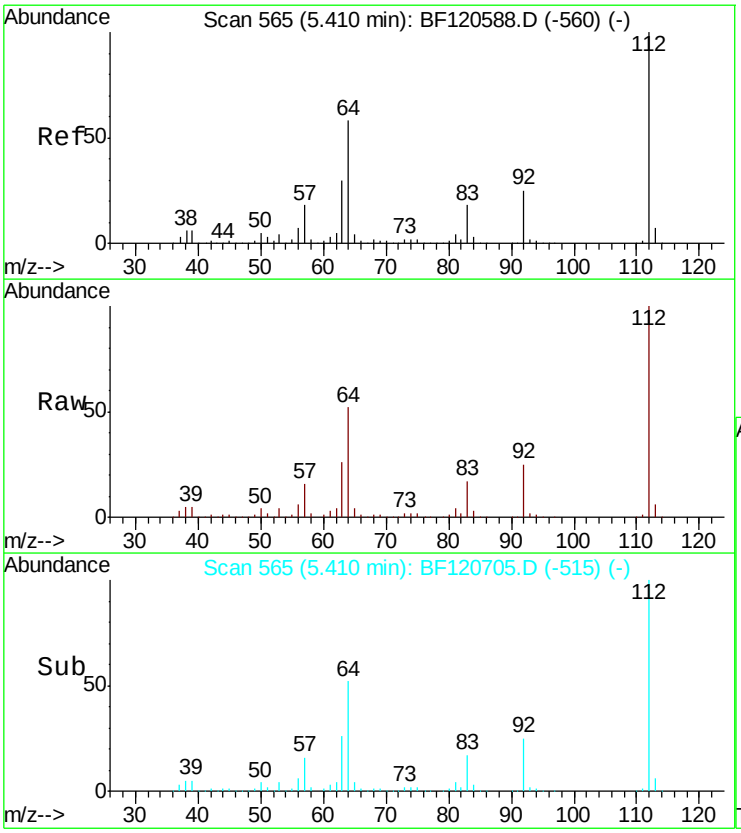
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:152 Resp: 160221

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.2	184.8
115	56.1	43.9	65.9

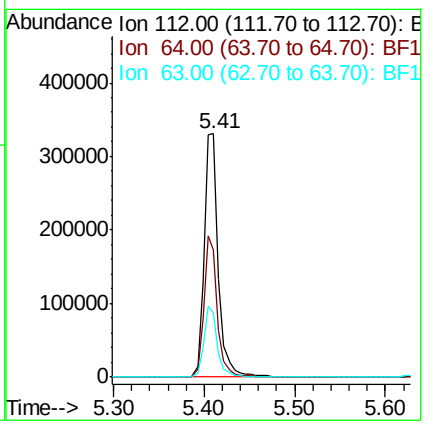


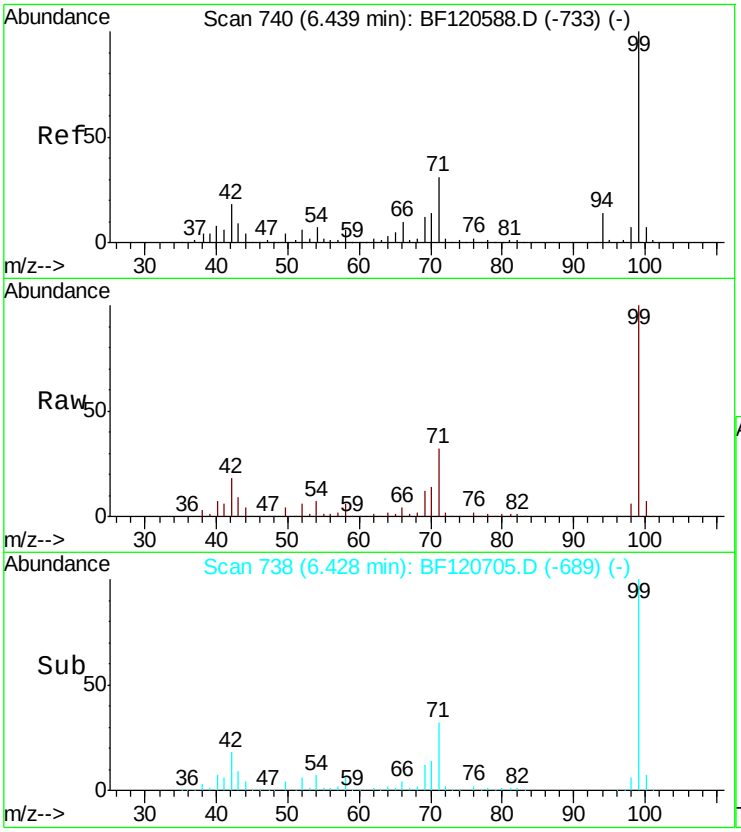


#5
2-Fluorophenol
Concen: 39.132 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:112 Resp: 365705

Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.1	69.1
63	26.2	23.7	35.5



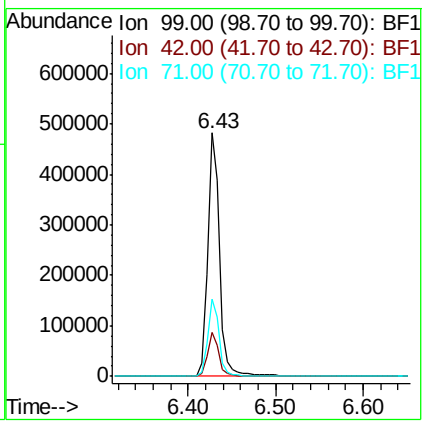


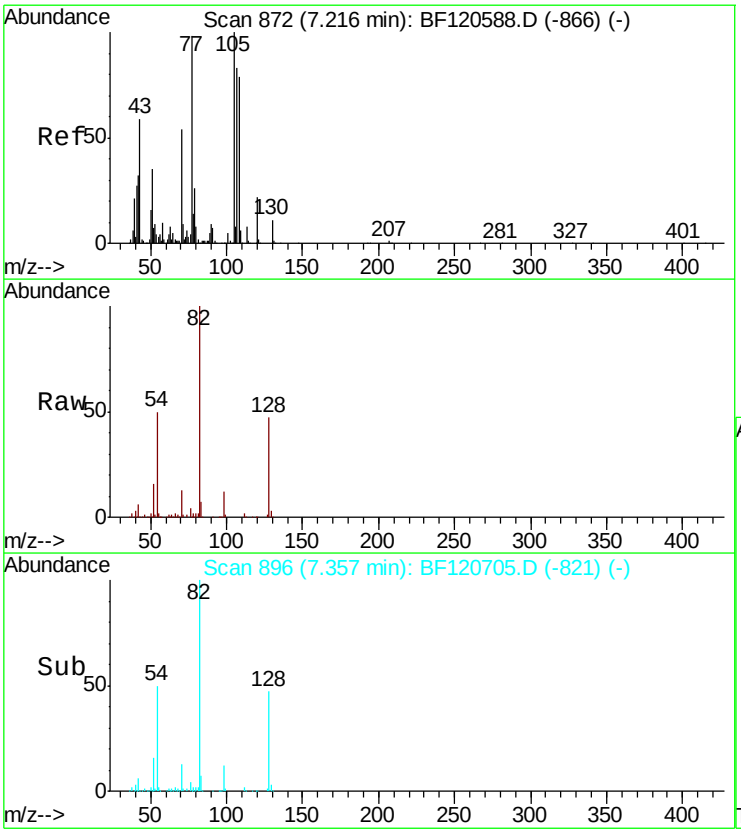
#7
Phenol-d6
Concen: 38.920 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion: 99 Resp: 453017

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.0	21.0
71	31.6	24.9	37.3

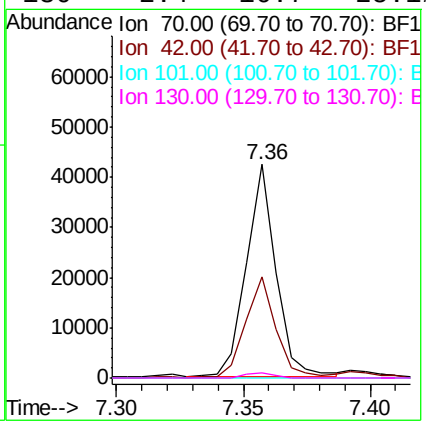


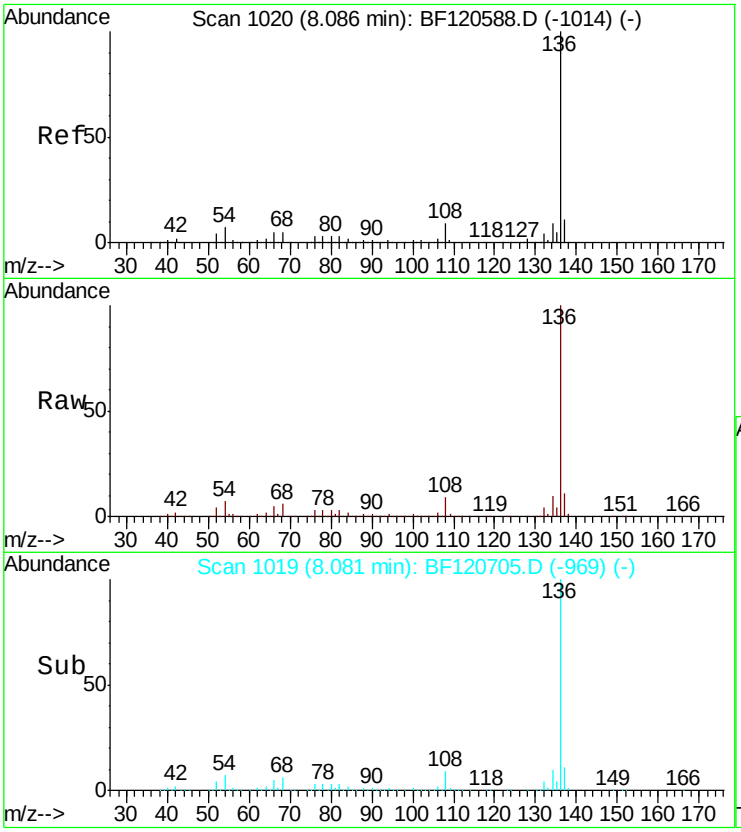


#19
n-Nitroso-di-n-propylamine
Concen: 5.045 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion: 70 Resp: 34060

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.7	71.5#
101	0.0	7.6	11.4#
130	2.4	16.7	25.1#



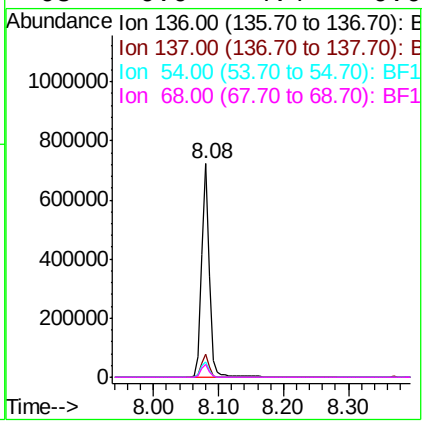


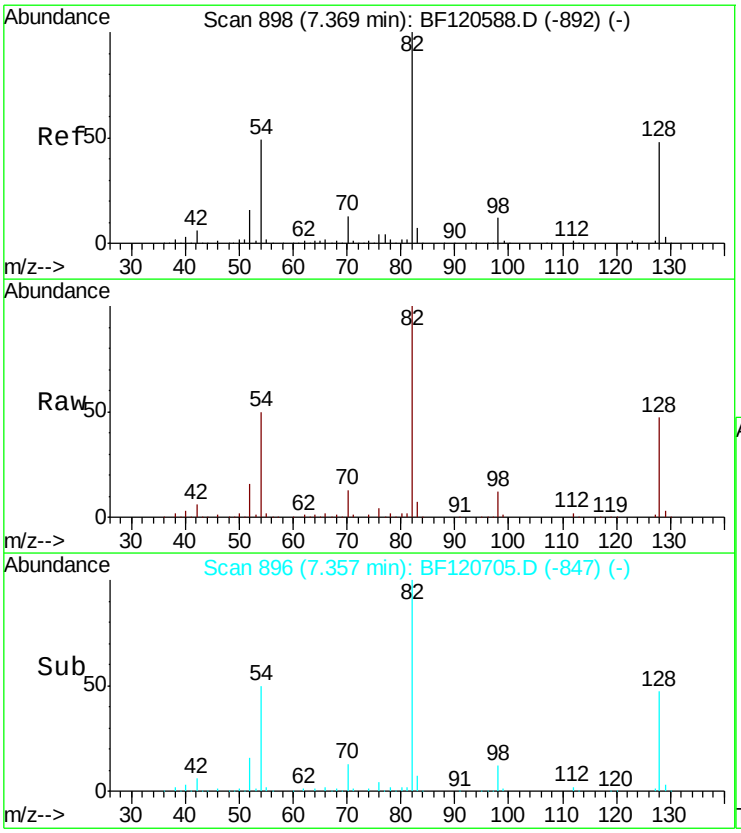
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:136 Resp: 599616

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	5.8	8.6
68	6.0	4.4	6.6

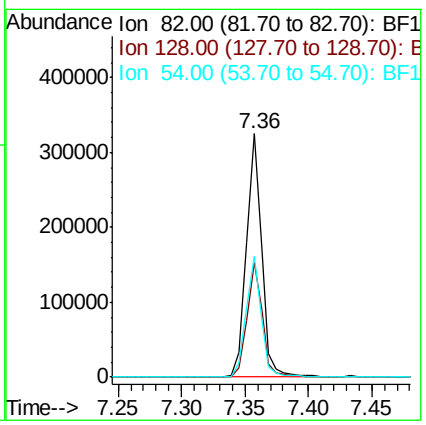


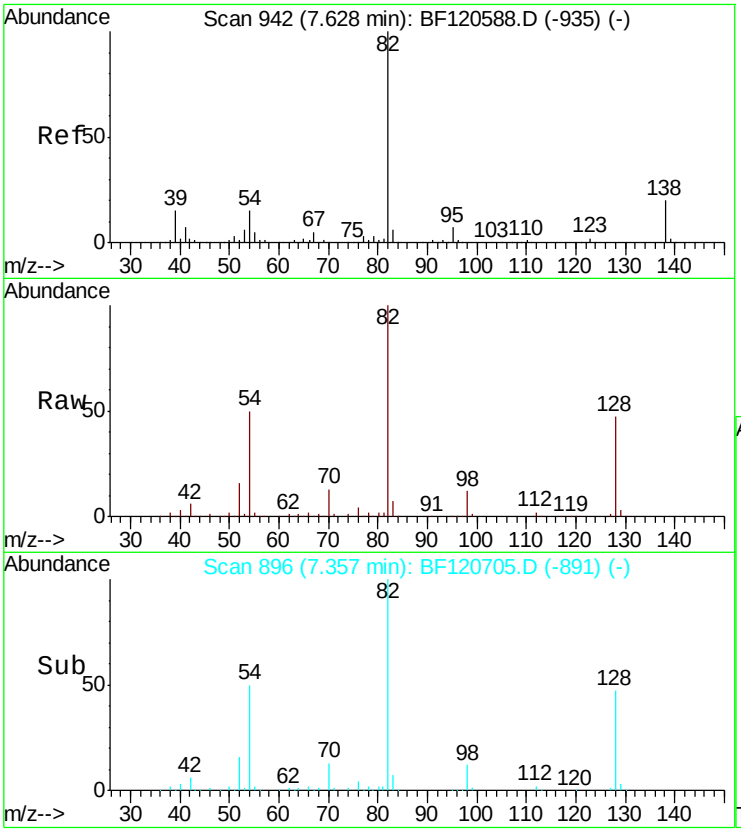


#23
Nitrobenzene-d5
Concen: 25.394 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion: 82 Resp: 272405

Ion	Ratio	Lower	Upper
82	100		
128	46.9	38.0	57.0
54	49.8	38.8	58.2



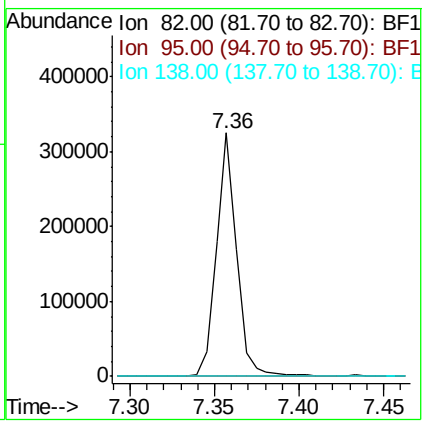


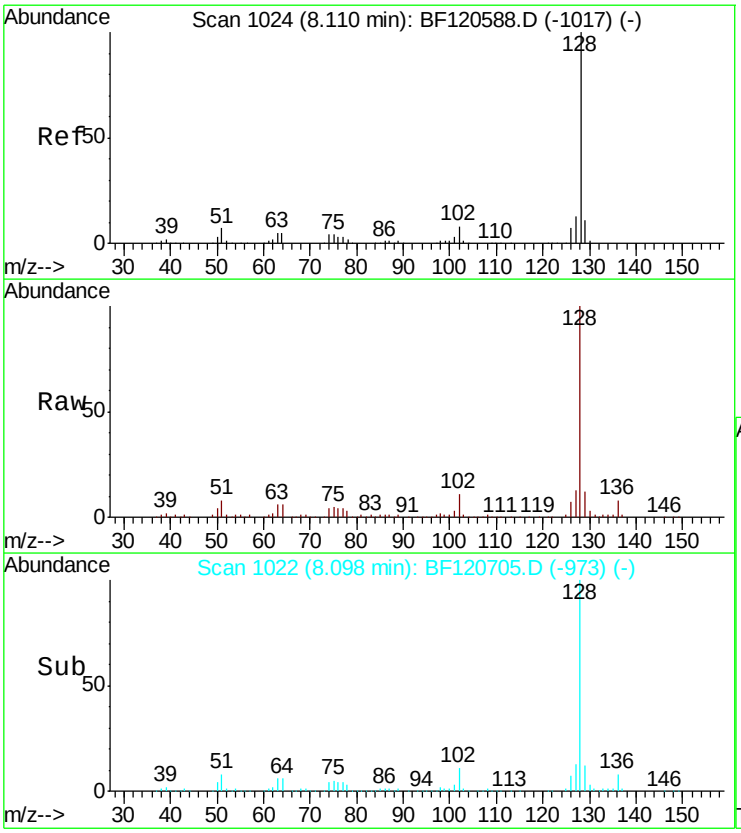
#25
Isophorone
Concen: 13.019 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion: 82 Resp: 272044

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.7	8.5#
138	0.0	16.2	24.4#

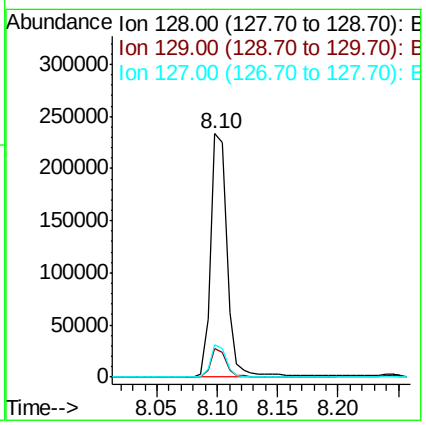


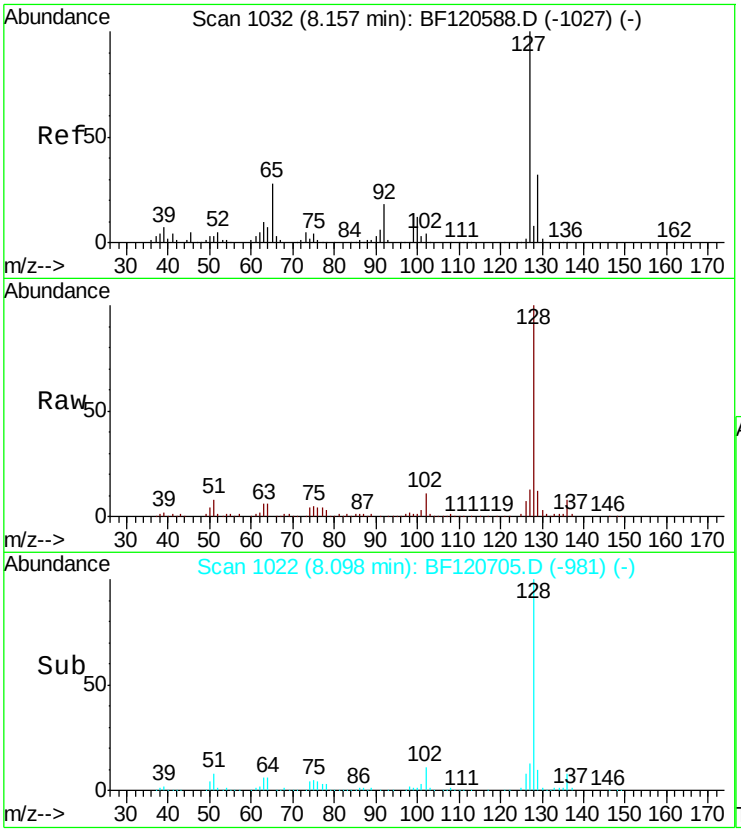


#31
Naphthalene
Concen: 7.413 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:128 Resp: 218263

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.4	10.6	15.8



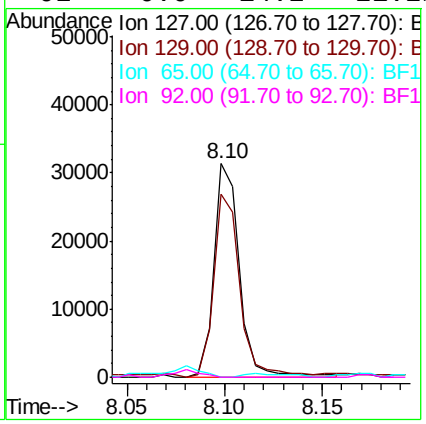


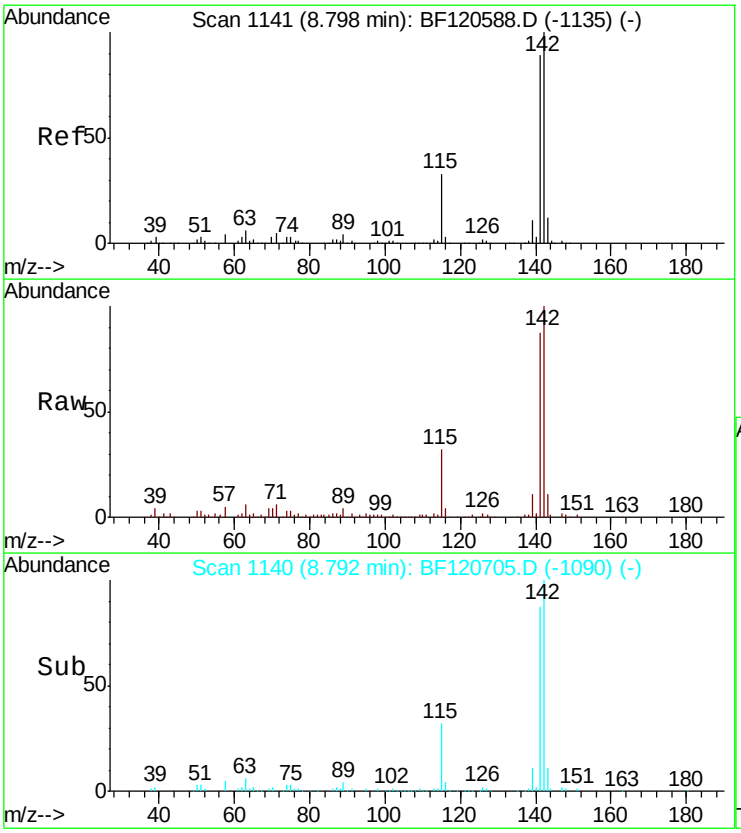
#33
4-Chloroaniline
Concen: 2.101 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:127 Resp: 28395

Ion	Ratio	Lower	Upper
127	100		
129	85.8	25.9	38.9#
65	0.0	22.2	33.4#
92	0.0	14.2	21.2#

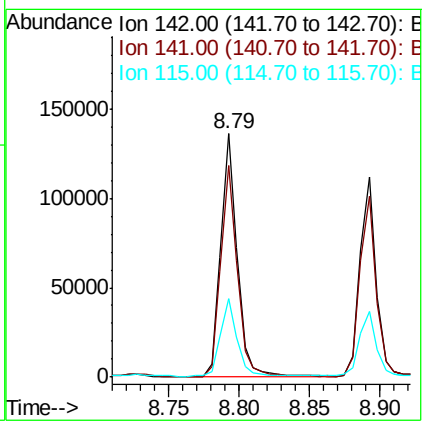


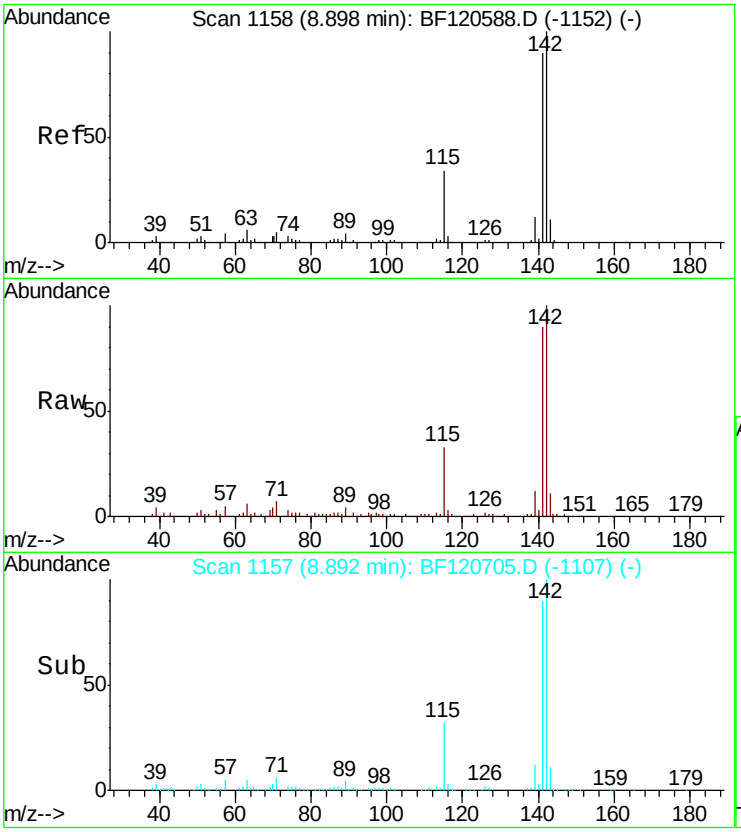


#37
2-Methylnaphthalene
Concen: 5.834 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:142 Resp: 112130

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.4	107.0
115	32.4	26.1	39.1

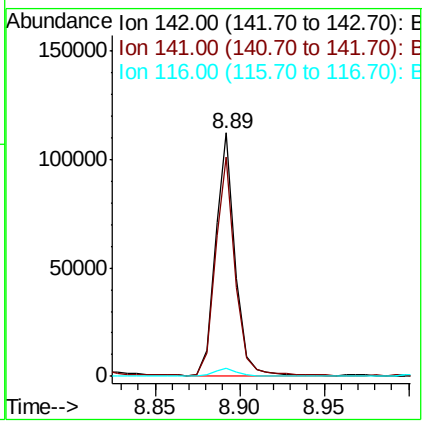




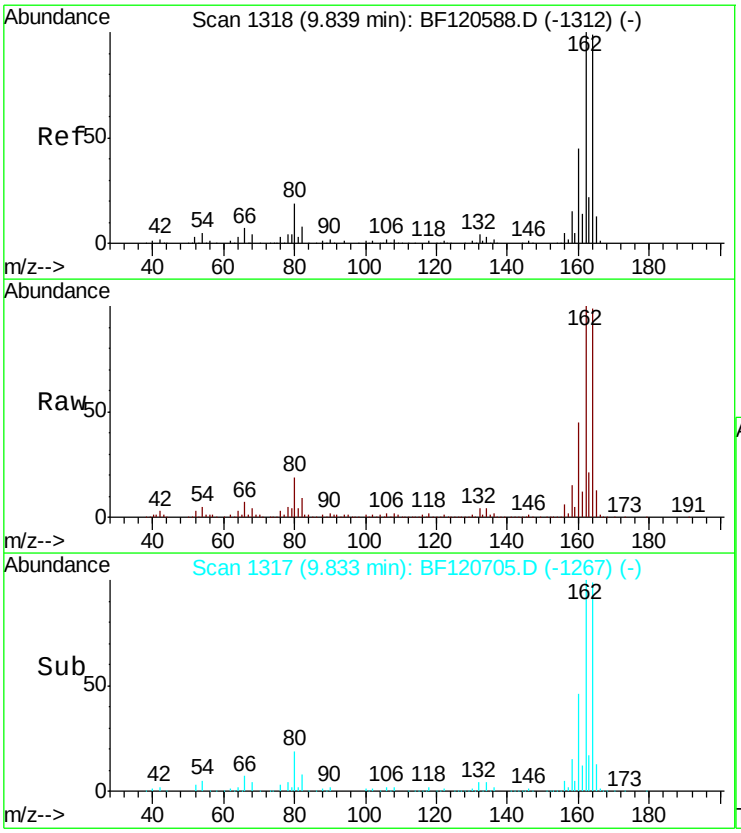
#38
1-Methylnaphthalene
Concen: 4.980 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:142 Resp: 90075

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1
116	3.4	2.7	4.1



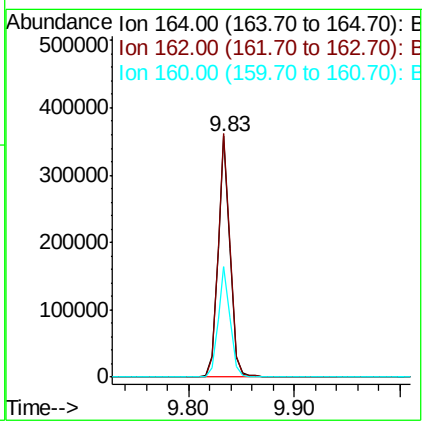
Instrument :
BNA_F
ClientSampleId :
CL-01-062420

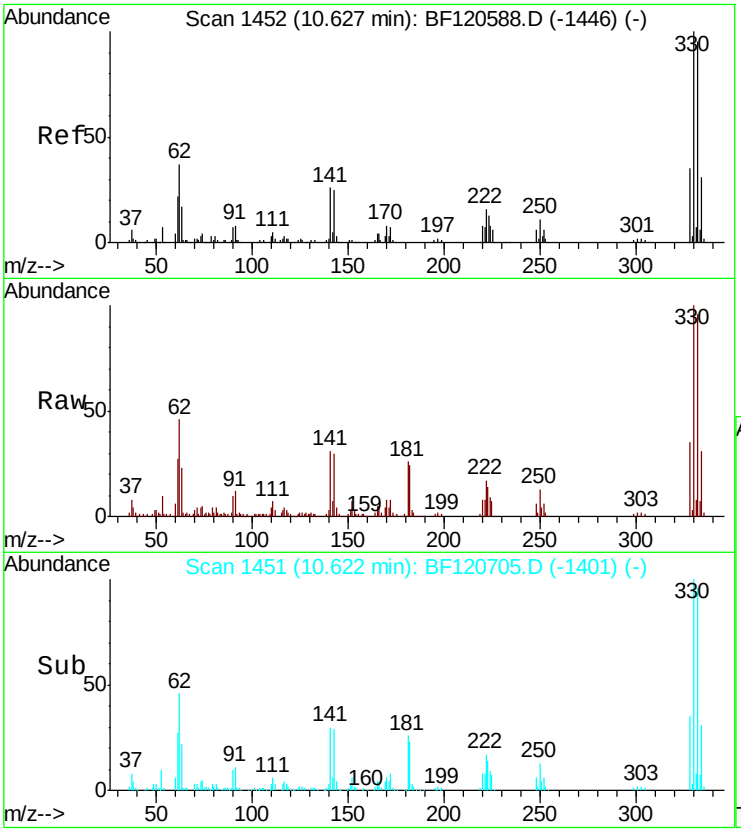


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:164 Resp: 288563

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	46.0	36.2	54.2



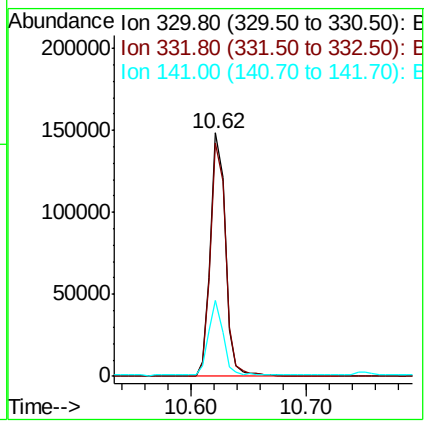


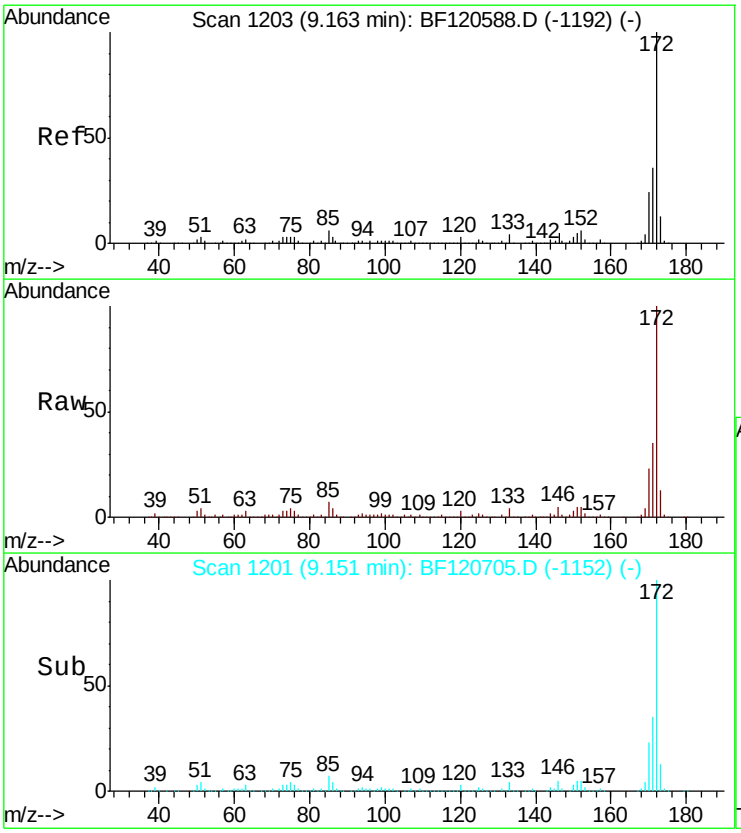
#42
2,4,6-Tribromophenol
Concen: 40.583 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:330 Resp: 136153

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	29.2	23.2	34.8

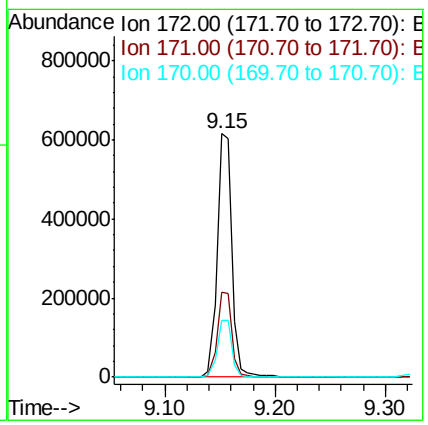


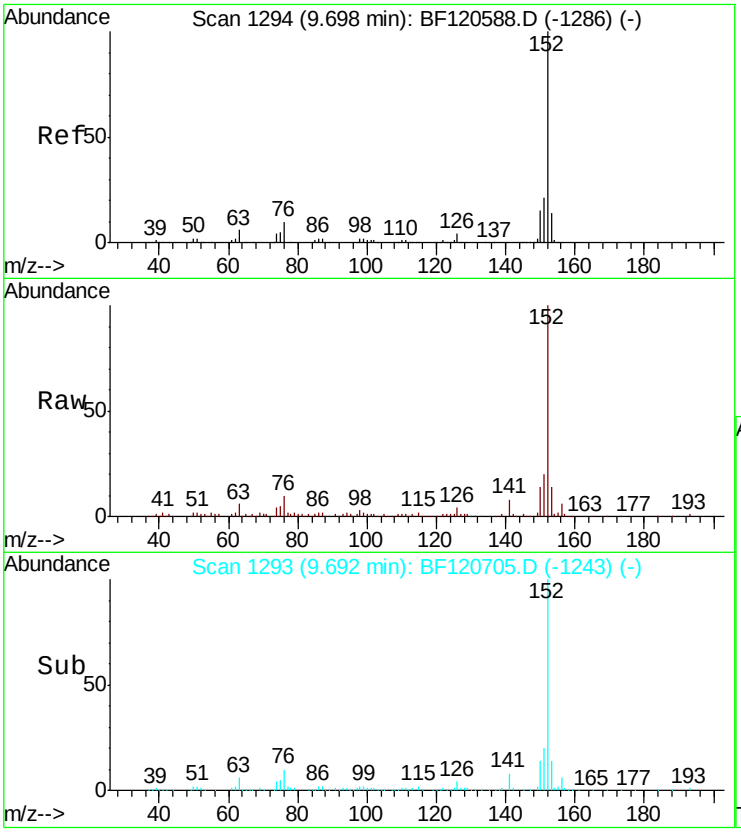


#45
2-Fluorobiphenyl
Concen: 30.258 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:172 Resp: 570683

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.4	19.4	29.2



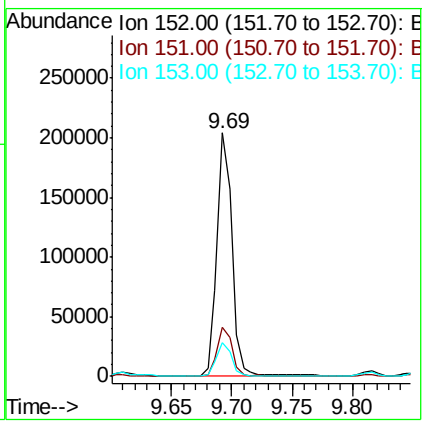


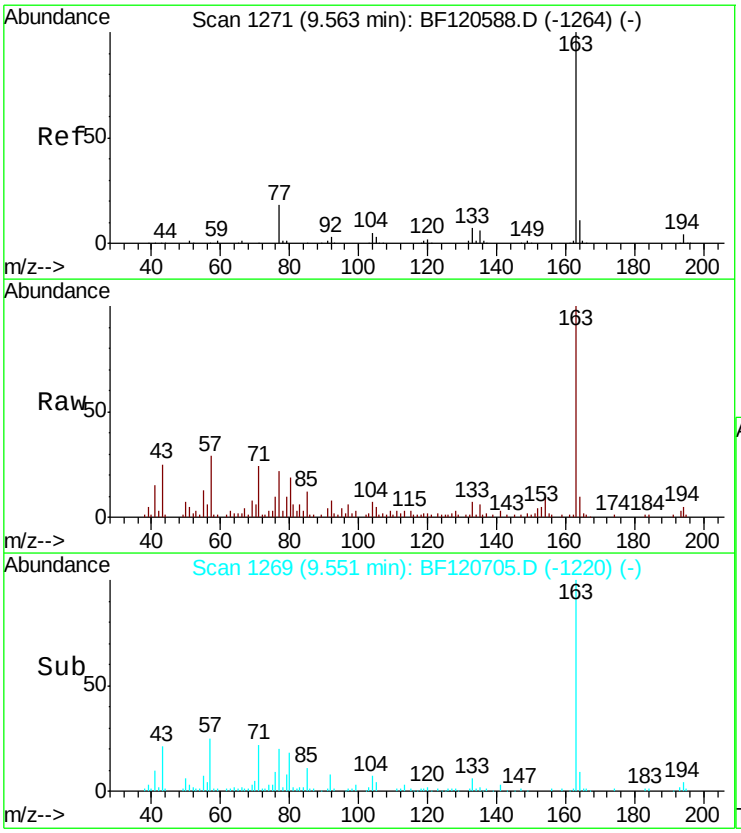
#49
Acenaphthylene
Concen: 6.487 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:152 Resp: 176398

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	25.0
153	13.7	11.0	16.6

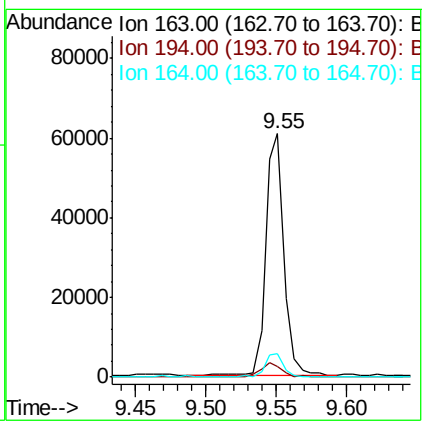


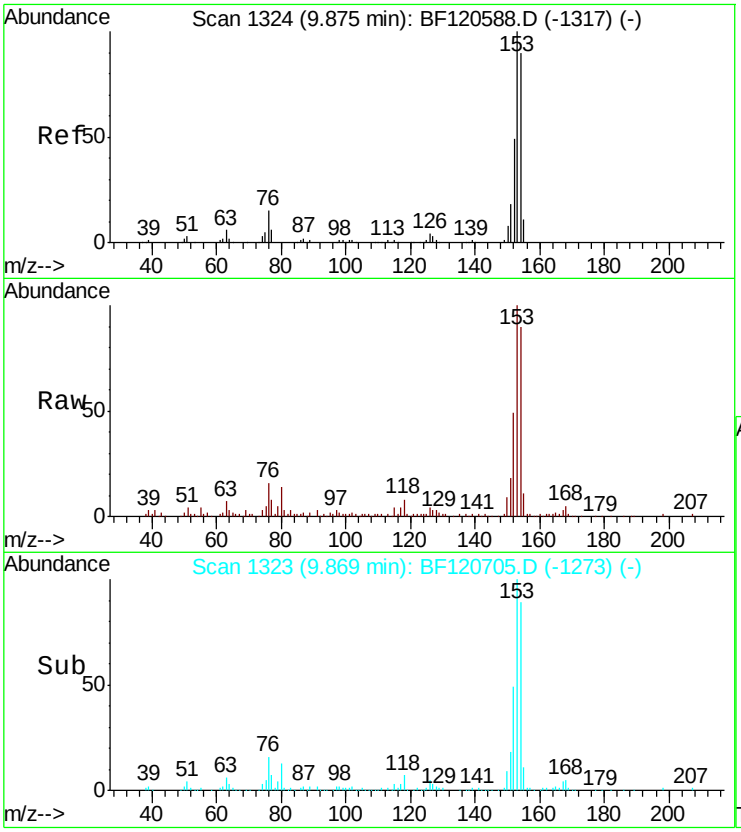


#50
Dimethylphthalate
Concen: 2.630 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:163 Resp: 54668

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	9.9	8.5	12.7



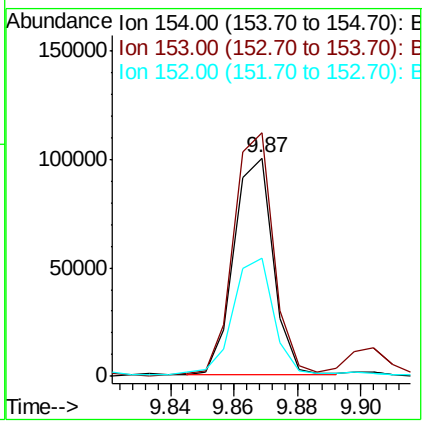


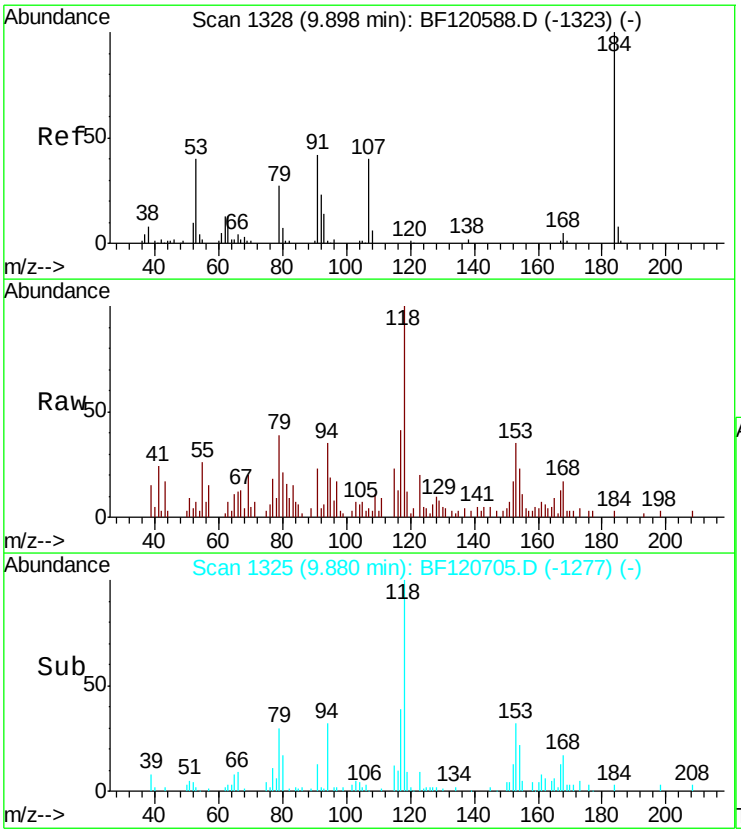
#52
Acenaphthene
Concen: 5.284 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:154 Resp: 85703

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.1	133.7
152	54.3	43.7	65.5

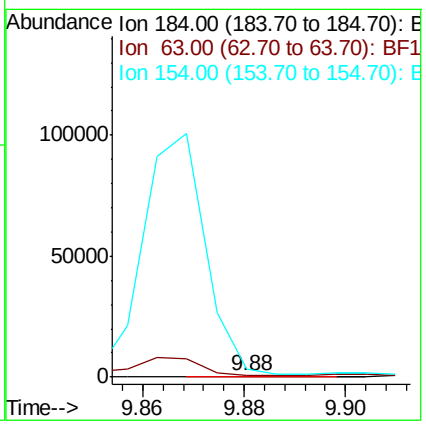


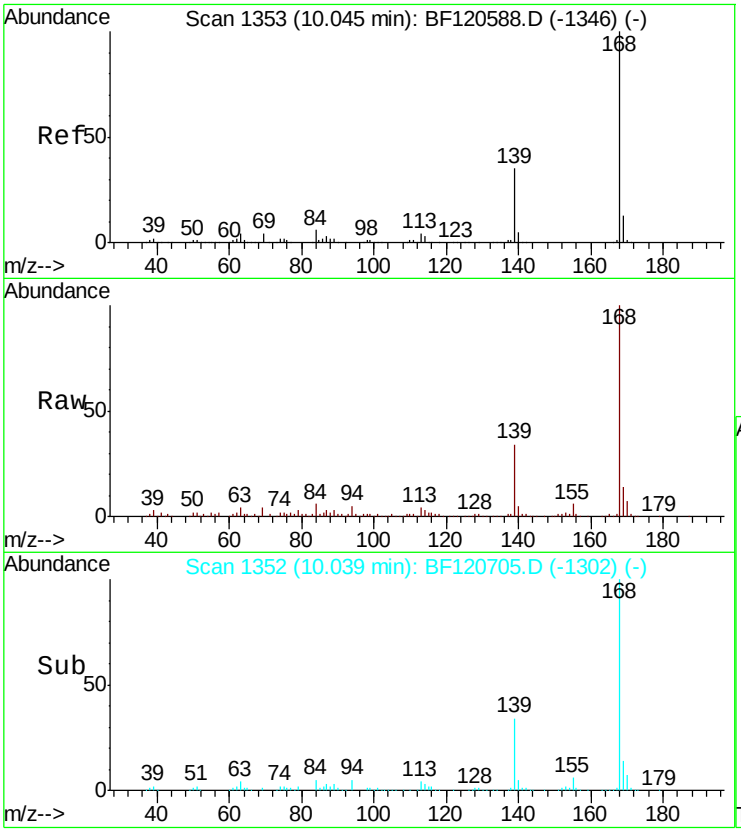


#54
2,4-Dinitrophenol
Concen: 3.144 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:184 Resp: 235

Ion	Ratio	Lower	Upper
184	100		
63	260.2	44.2	66.2#
154	930.9	45.9	68.9#



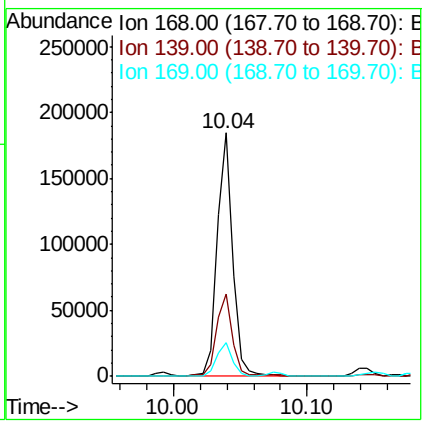


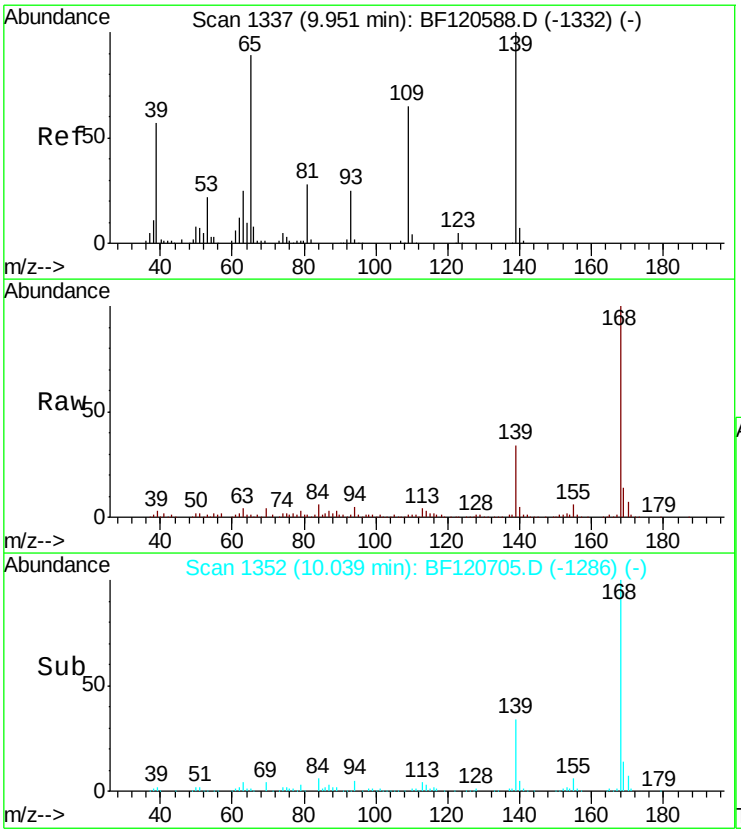
#55
Dibenzofuran
Concen: 6.107 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:168 Resp: 151863

Ion	Ratio	Lower	Upper
168	100		
139	34.0	28.1	42.1
169	13.8	10.6	16.0

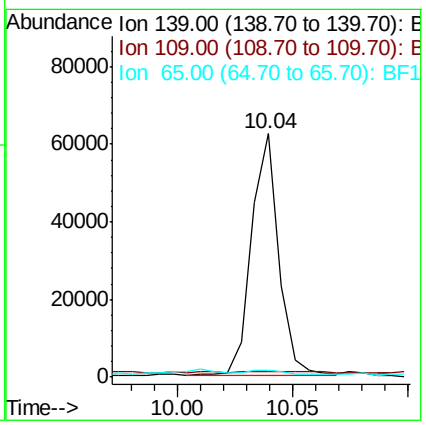


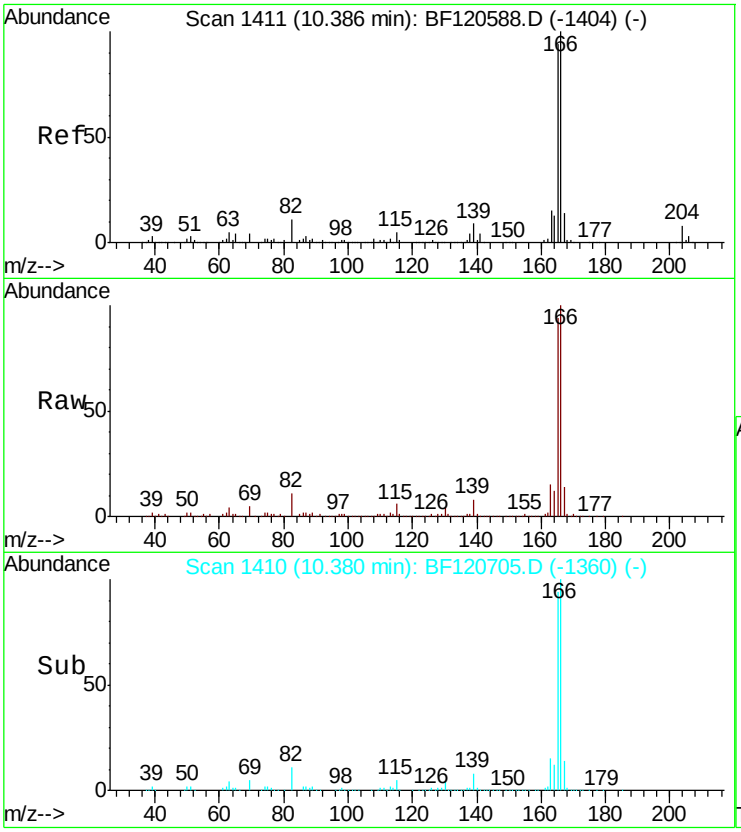


#56
4-Nitrophenol
Concen: 11.983 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.09 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:139 Resp: 51054

Ion	Ratio	Lower	Upper
139	100		
109	2.4	44.6	84.6#
65	2.9	69.2	109.2#



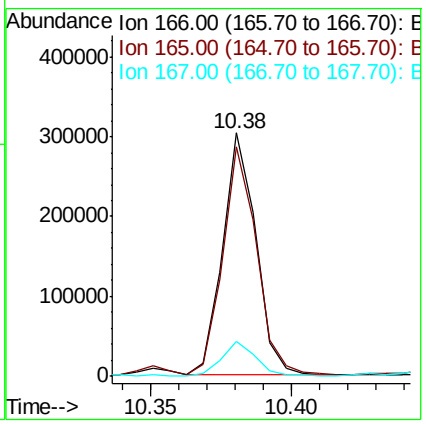


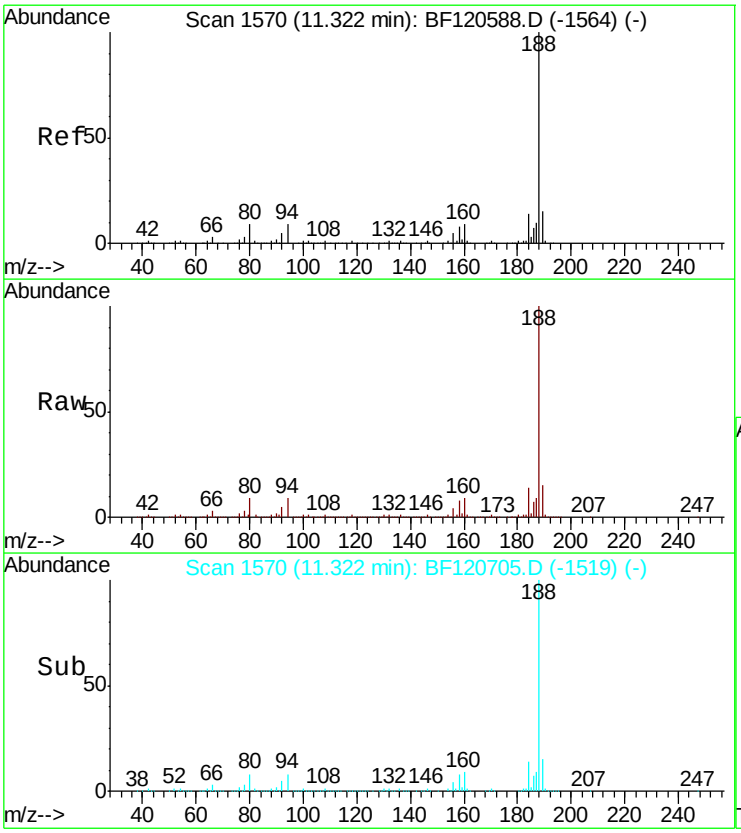
#58
Fluorene
Concen: 12.953 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:166 Resp: 248308

Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.0	112.6
167	14.2	11.0	16.4

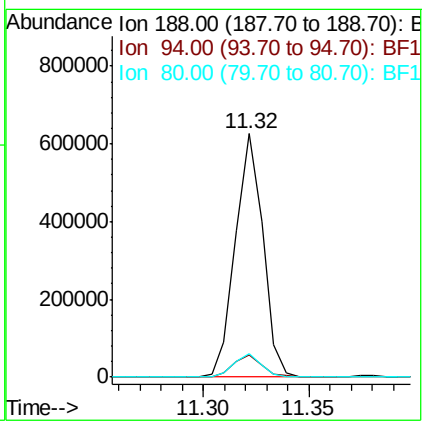


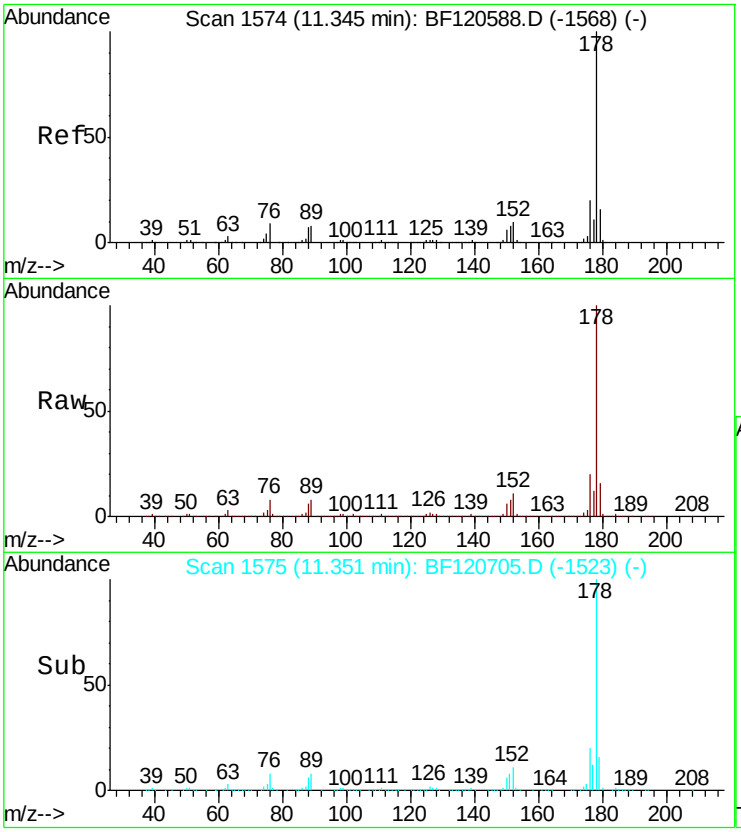


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:188 Resp: 563735

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.5	7.4	11.2



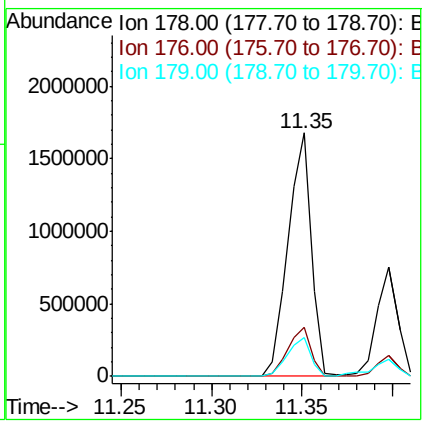


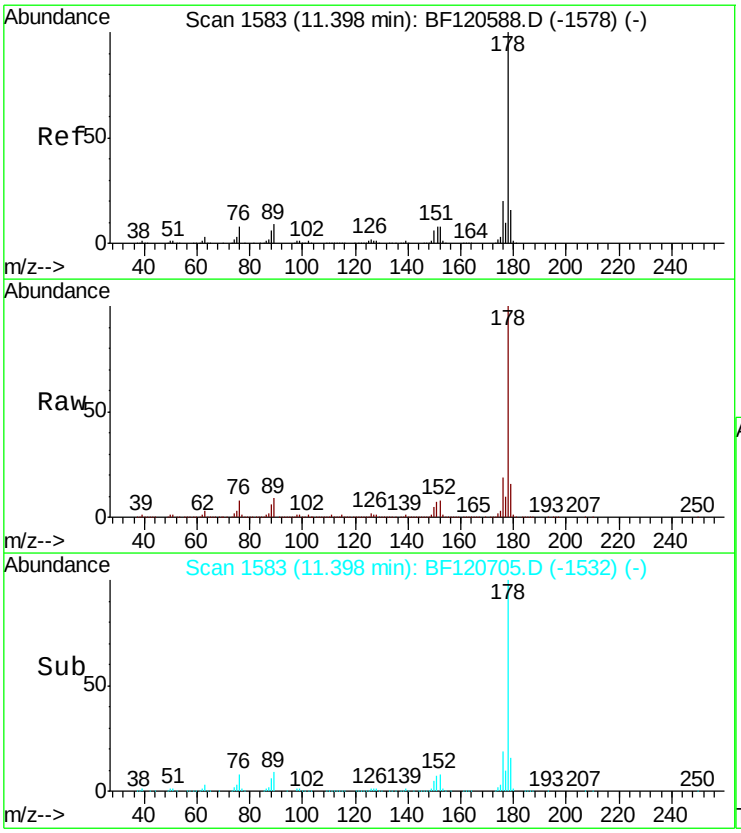
#71
Phenanthrene
Concen: 54.155 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:178 Resp: 1517601

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	16.1	12.8	19.2

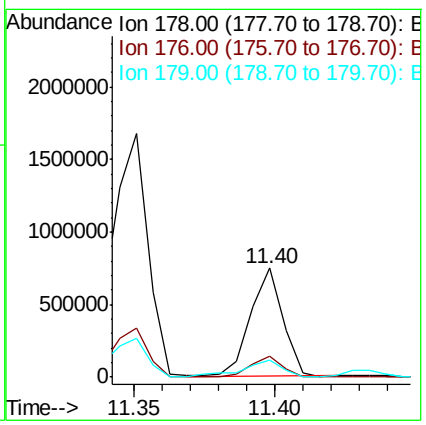


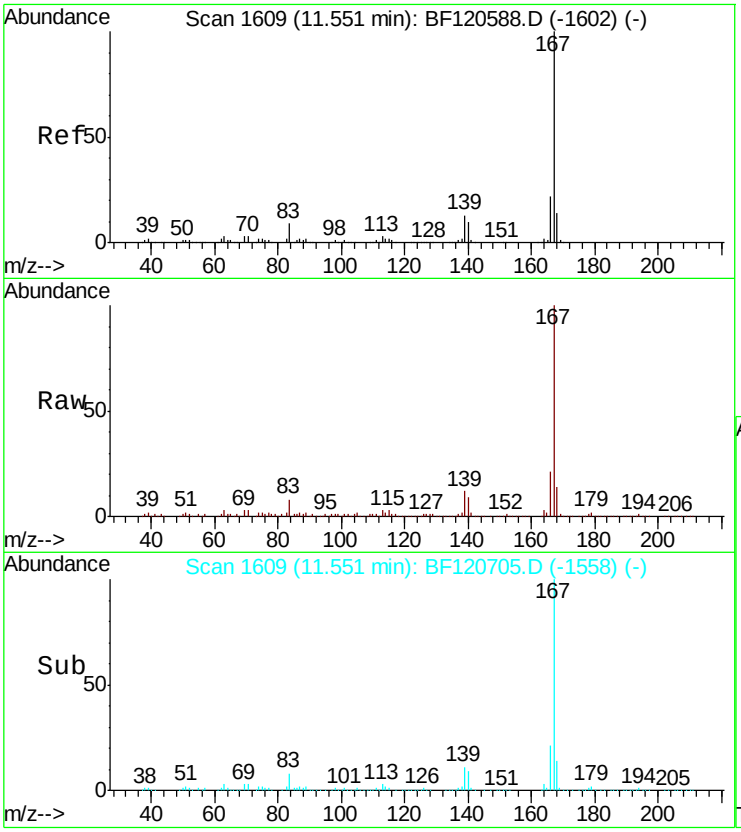


#72
Anthracene
Concen: 21.008 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:178 Resp: 593402

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.8	12.9	19.3



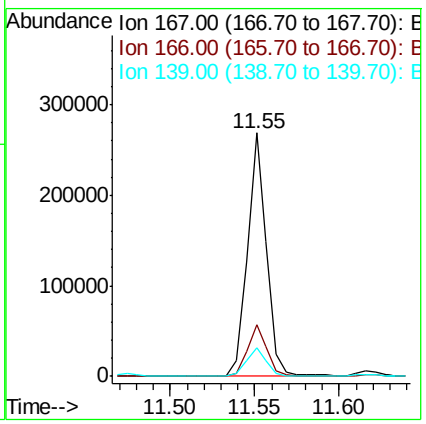


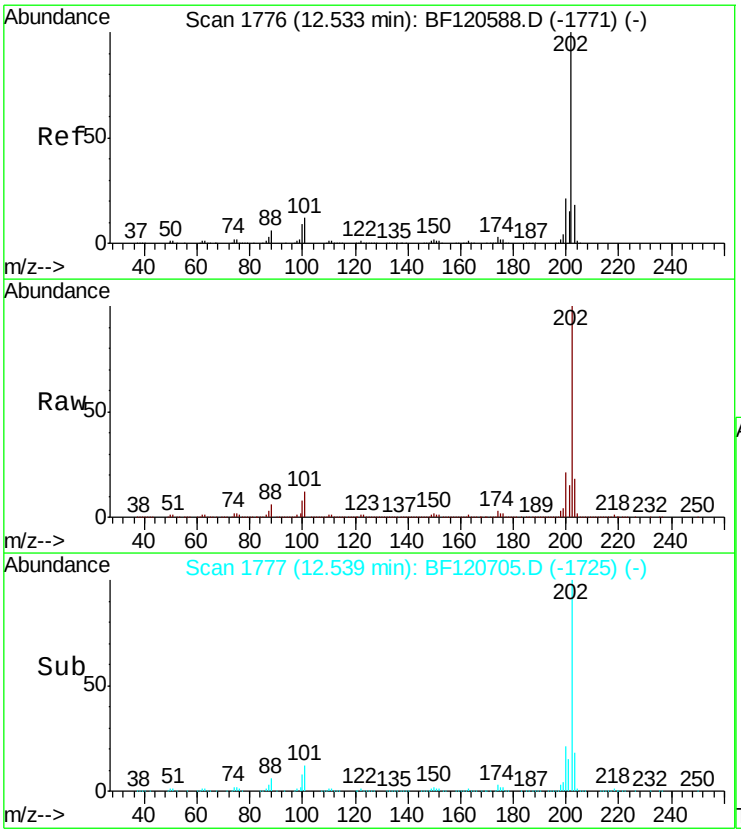
#73
Carbazole
Concen: 7.512 ng
RT: 11.55 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:167 Resp: 210044

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.5	10.1	15.1

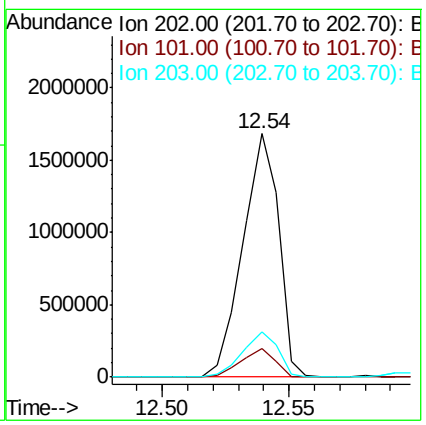


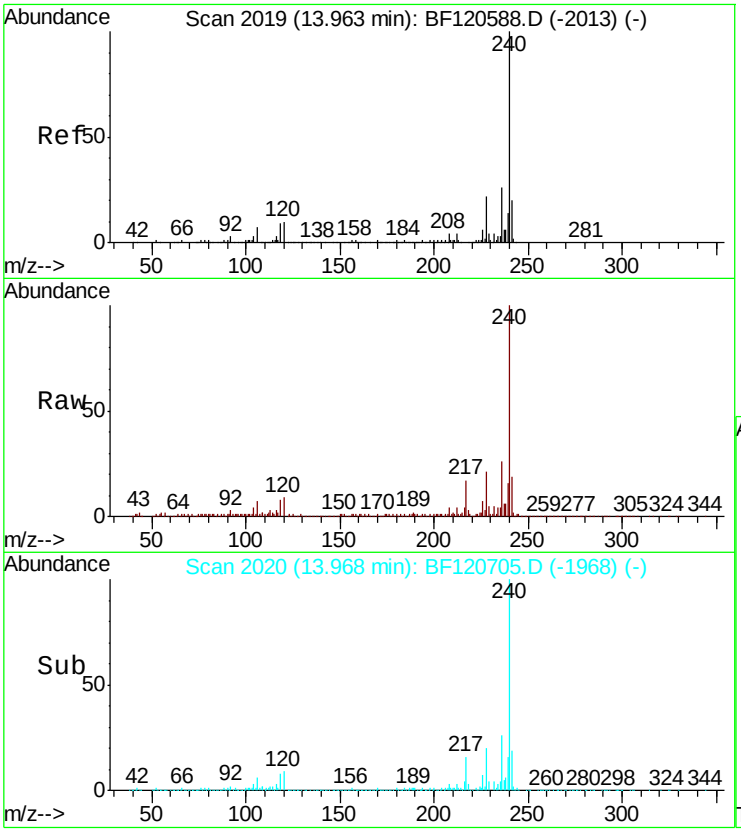


#75
Fluoranthene
Concen: 51.815 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:202 Resp: 1660142

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.0
203	18.5	0.0	38.3



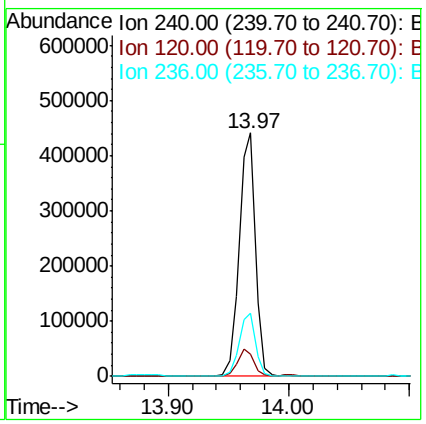


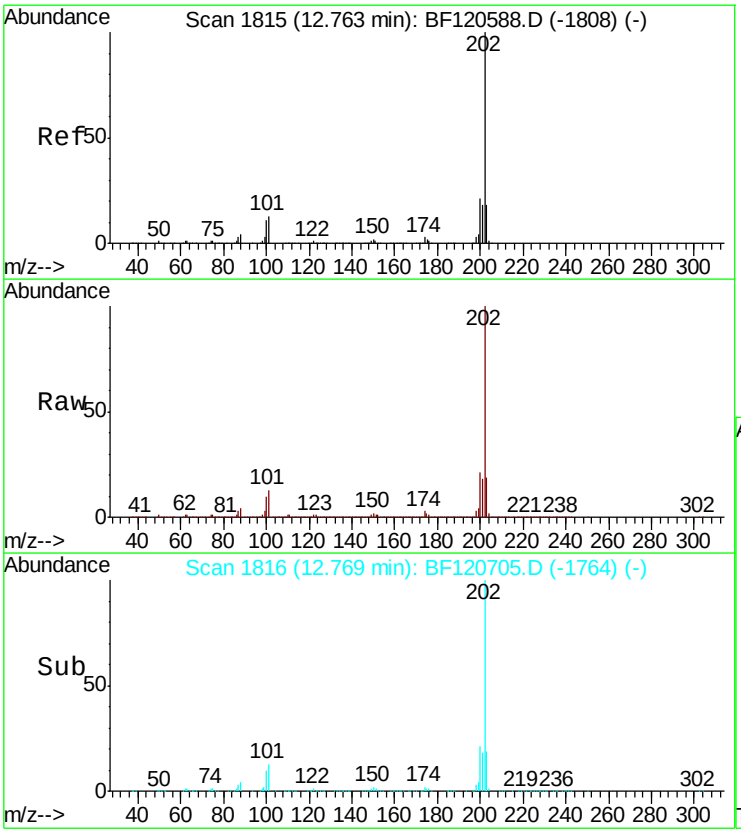
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:240 Resp: 412151

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	25.9	21.0	31.4

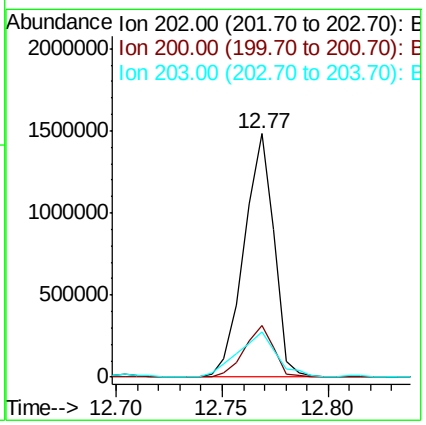


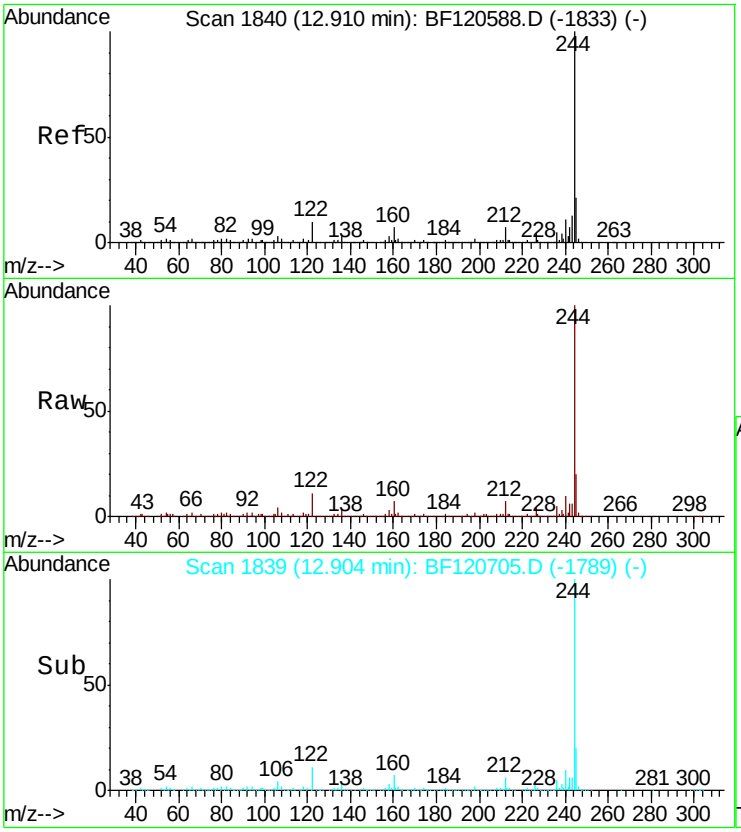


#78
Pyrene
Concen: 49.916 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:202 Resp: 1457417

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.8	14.3	21.5



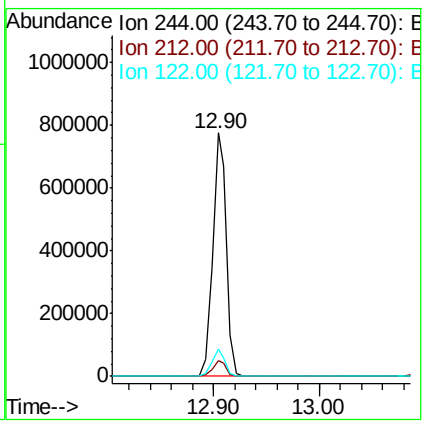


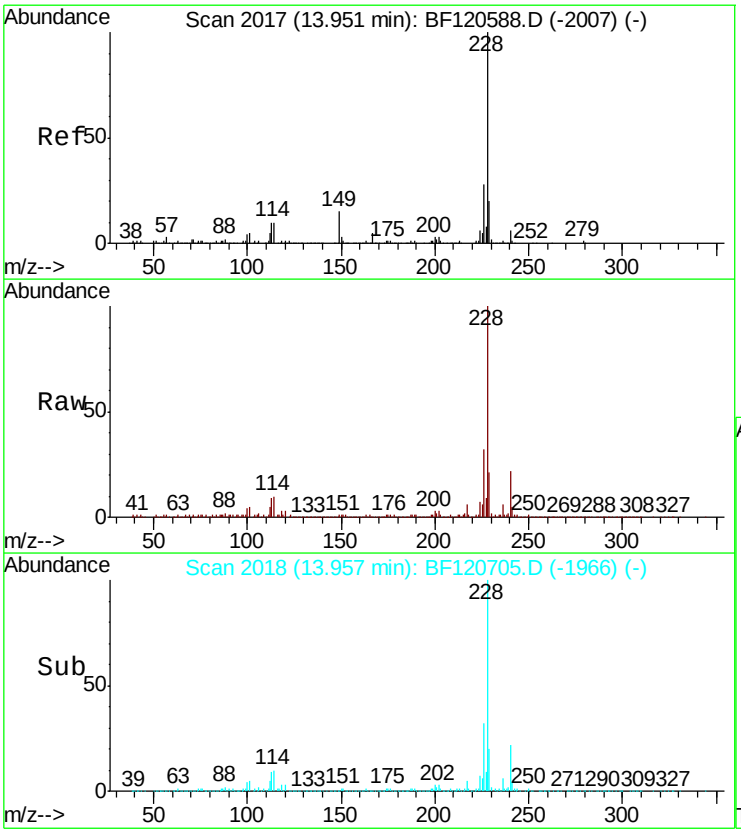
#79
Terphenyl-d14
Concen: 37.960 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:244 Resp: 708294

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	11.4	8.3	12.5

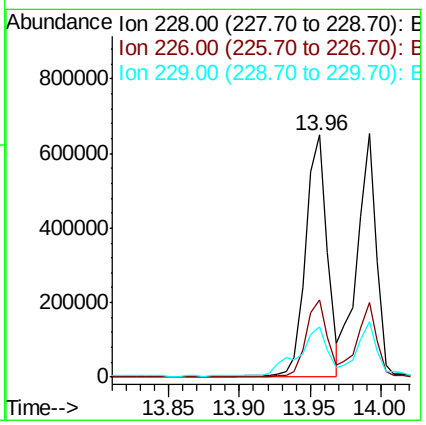


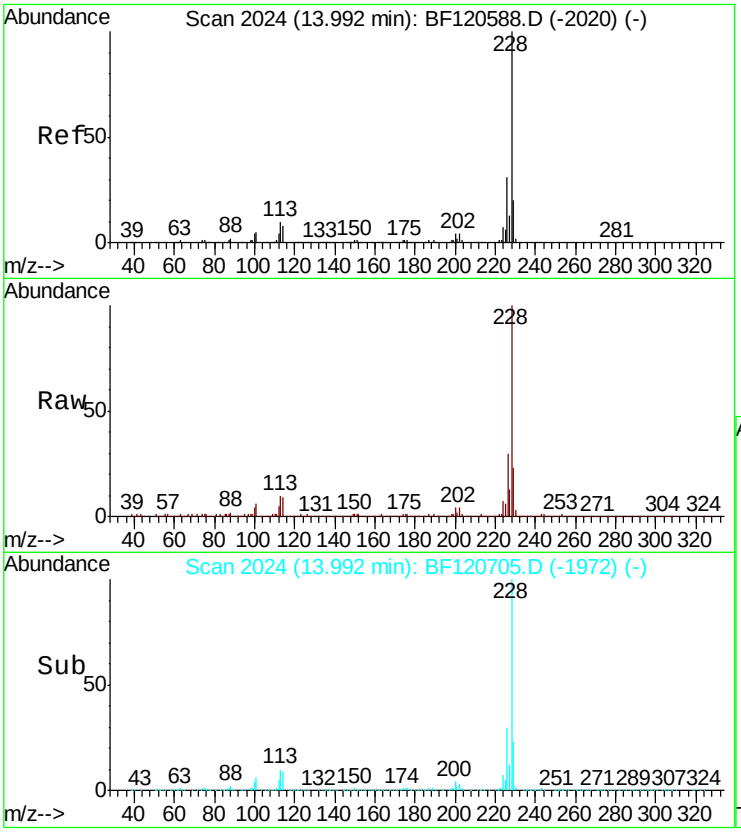


#81
Benzo(a)anthracene
Concen: 27.761 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:228 Resp: 687406

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.5	33.7
229	20.6	16.1	24.1



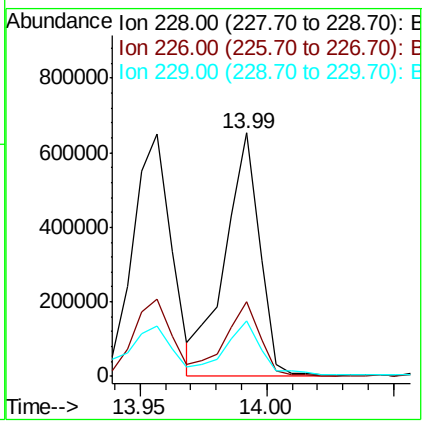


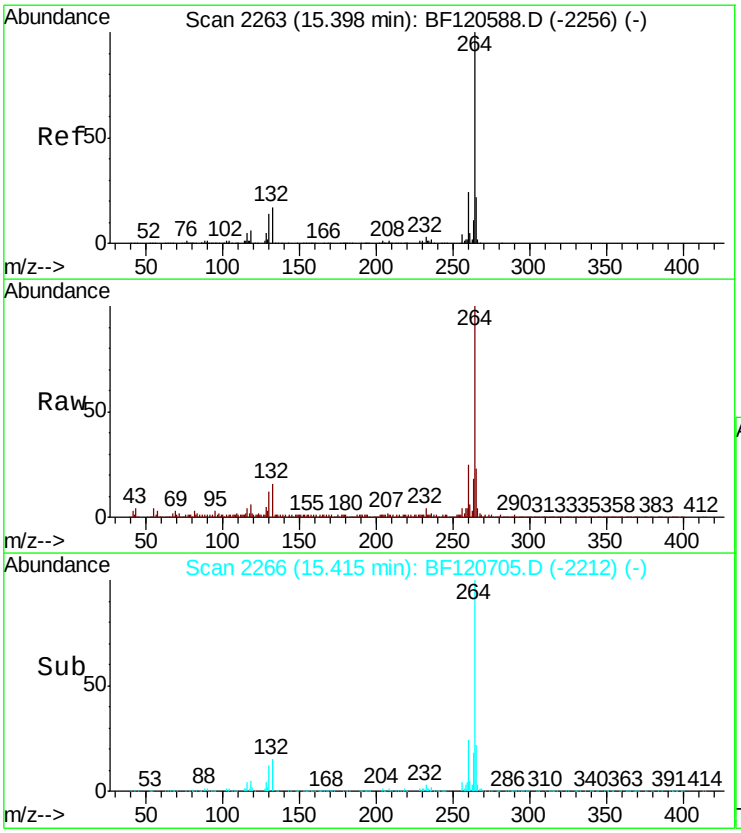
#83
Chrysene
Concen: 24.421 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:228 Resp: 620266

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.9	16.1	24.1

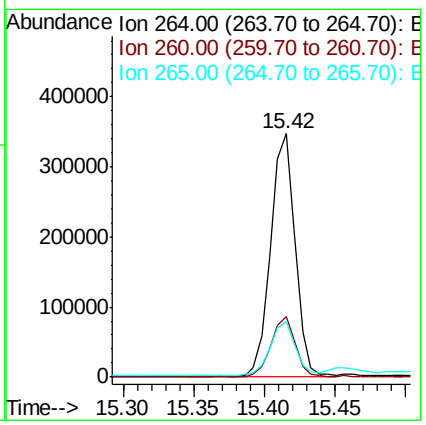


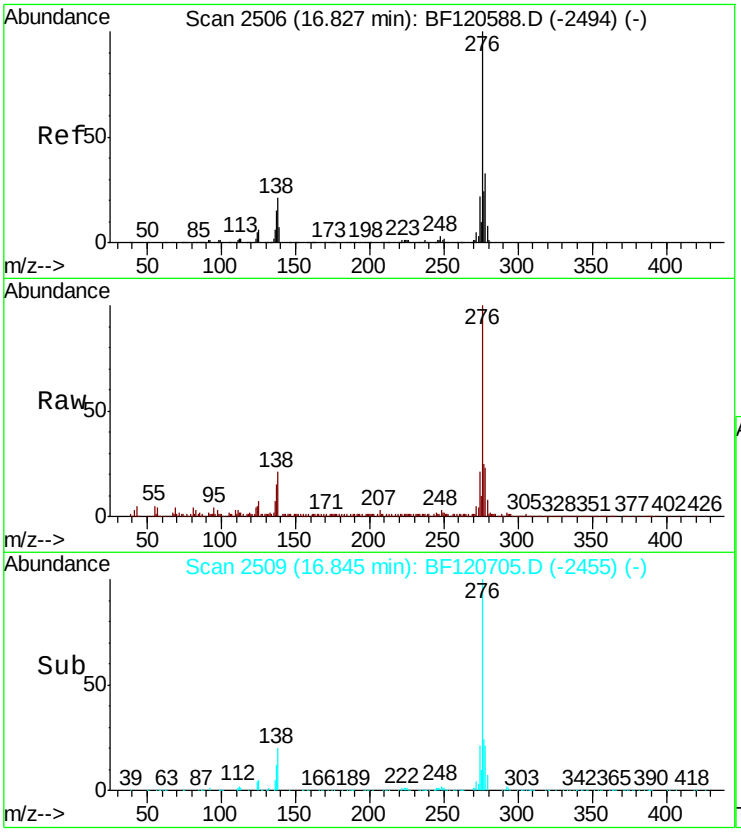


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.02 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:264 Resp: 421566

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.5	17.8	26.8



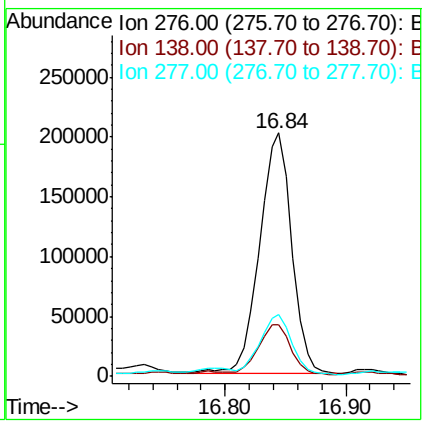


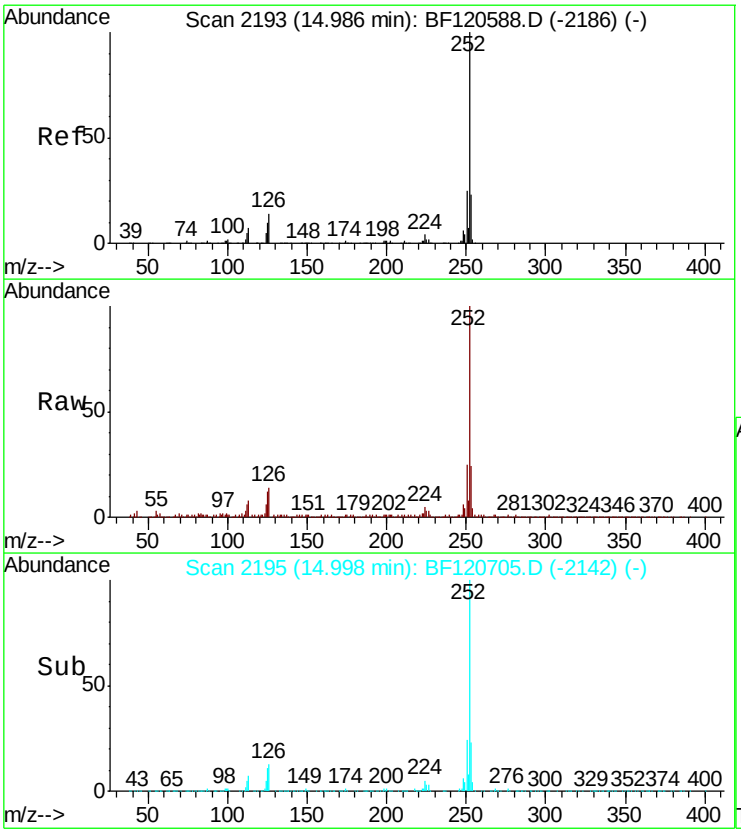
#87
Indeno(1,2,3-cd)pyrene
Concen: 14.562 ng
RT: 16.84 min Scan# 2509
Delta R.T. 0.02 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:276 Resp: 373405

Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.9	28.3
277	24.1	20.2	30.2

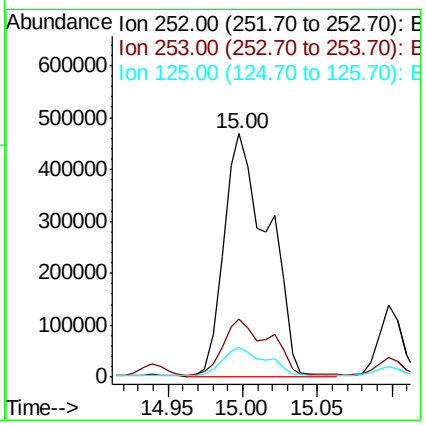


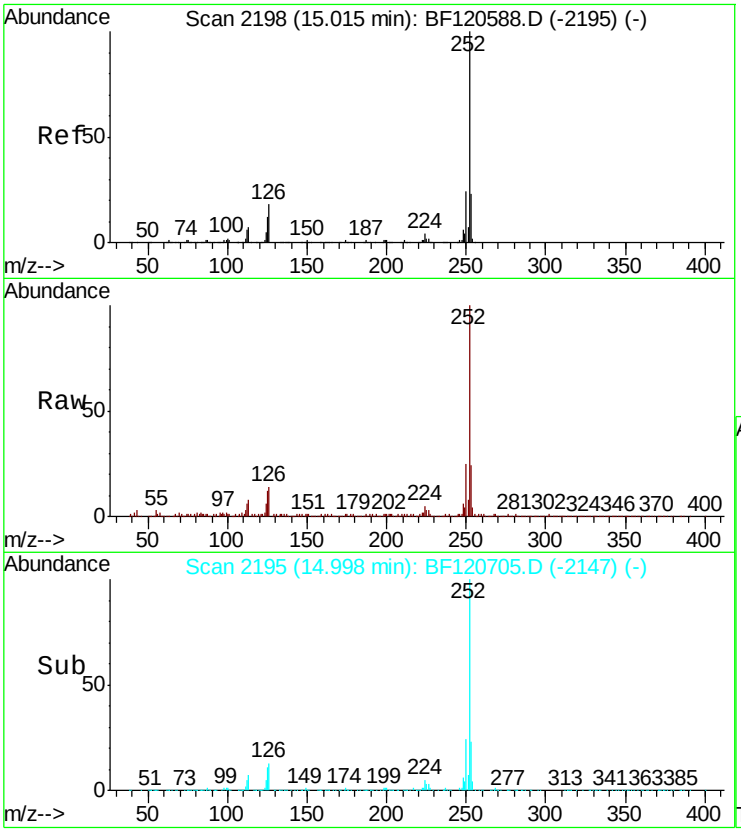


#88
Benzo(b)fluoranthene
Concen: 38.201 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:252 Resp: 959296

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.0	8.3	12.5



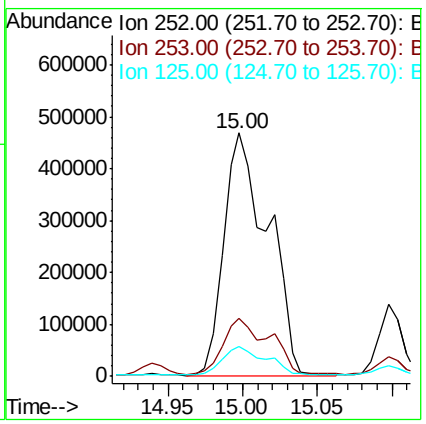


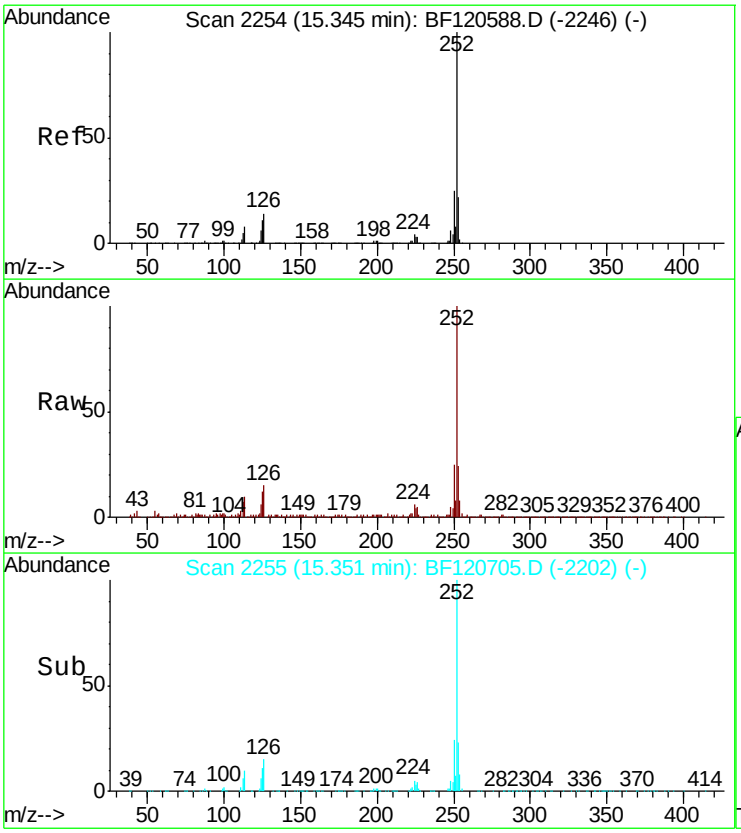
#89
Benzo(k)fluoranthene
Concen: 43.172 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:252 Resp: 959296

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.0	8.3	12.5

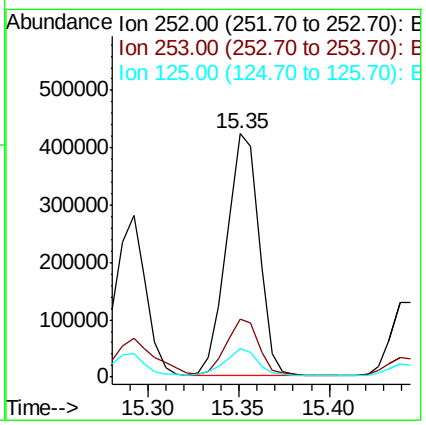


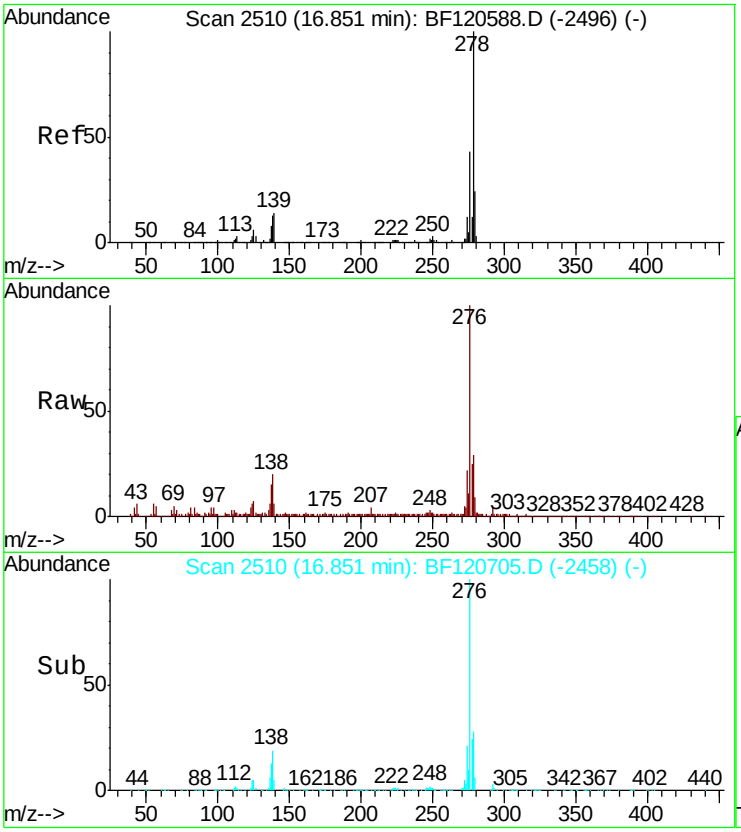


#90
Benzo(a)pyrene
Concen: 23.640 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:252 Resp: 531288

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	11.8	8.6	12.8



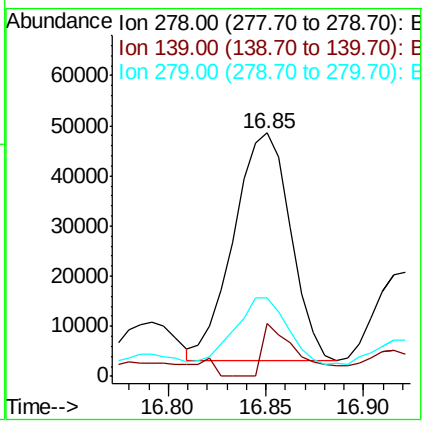


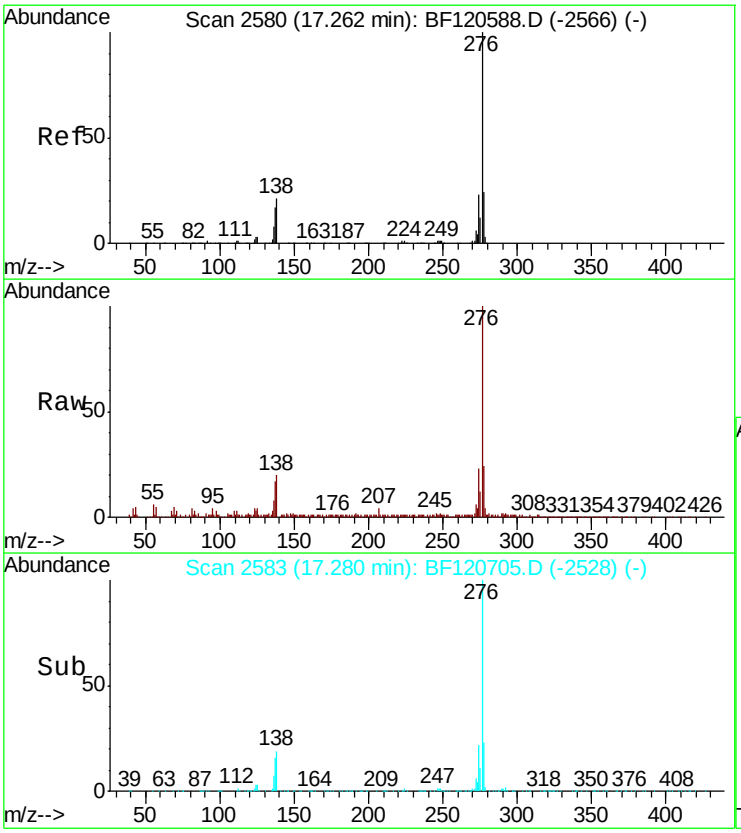
#91
Dibenzo(a,h)anthracene
Concen: 4.484 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.01 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tgt Ion:278 Resp: 92214

Ion	Ratio	Lower	Upper
278	100		
139	21.7	11.4	17.2#
279	32.5	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 16.040 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF120705.D
Acq: 25 Jun 2020 15:56

Tgt Ion:276 Resp: 332467

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	20.0	16.5	24.7