Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120270.D
Acq On : 1 May 2020 20:45
Operator : MA/SJ
Sample : L2463-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC14-CARWASH

Quant Time: May 02 01:10:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 15:26:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	138261	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	498560	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	190938	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	346879	20.00	ng	0.00
76) Chrysene-d12	13.82	240	266032	20.00	ng	-0.01
87) Perylene-d12	15.22	264	348450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	696481	87.06	ng	0.00
7) Phenol-d6	6.30	99	852412	82.69	ng	-0.01
23) Nitrobenzene-d5	7.22	82	533371	55.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	174906	74.82	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1123209	83.52	ng	0.00
79) Terphenyl-d14	12.76	244	865748	54.76	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	1331	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.22	70	67717	10.215	ng	# 76
25) Isophorone	7.22	82	533366	28.710	ng	# 65
50) Dimethylphthalate	9.41	163	91902	6.223	ng	99
57) 2,4-Dinitrotoluene	9.69	165	24703	5.797	ng	# 19
67) 4-Bromophenyl-phenylether	10.48	248	11175	2.591	ng	# 1
71) Phenanthrene	11.20	178	139703	7.567	ng	96
72) Anthracene	11.25	178	37741	2.001	ng	97
75) Fluoranthene	12.39	202	261821	13.144	ng	97
78) Pyrene	12.62	202	285517	12.731	ng	97
81) Benzo(a)anthracene	13.80	228	154395	8.822	ng	98
83) Chrysene	13.84	228	137205	7.716	ng	98
88) Benzo(b)fluoranthene	14.82	252	305890	12.203	ng	99
89) Benzo(k)fluoranthene	14.82	252	305890	14.143	ng	100
90) Benzo(a)pyrene	15.16	252	169735	8.053	ng	99
92) Benzo(g,h,i)perylene	16.97	276	104280	5.659	ng	97

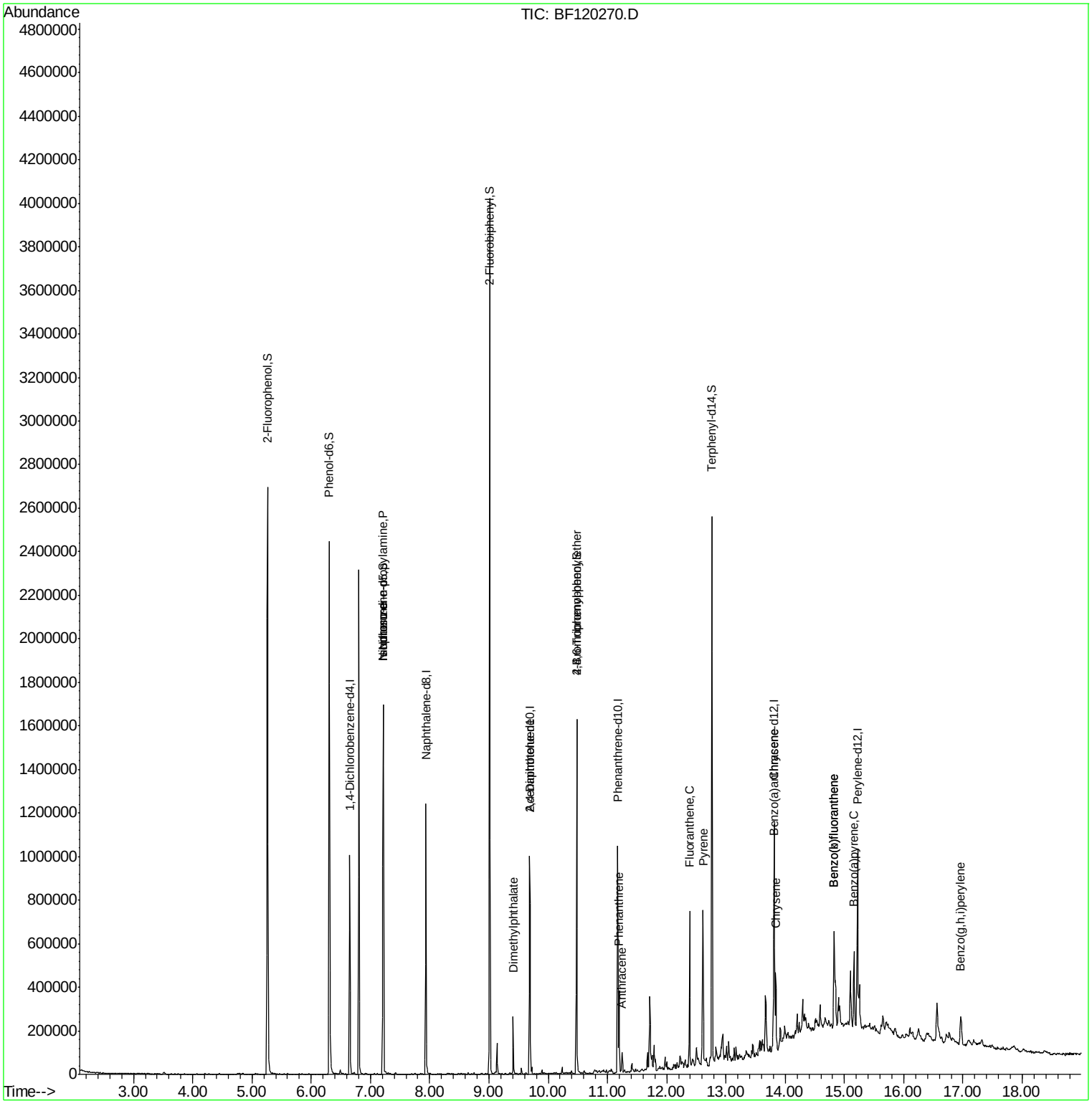
(#) = qualifier out of range (m) = manual integration (+) = signals summed

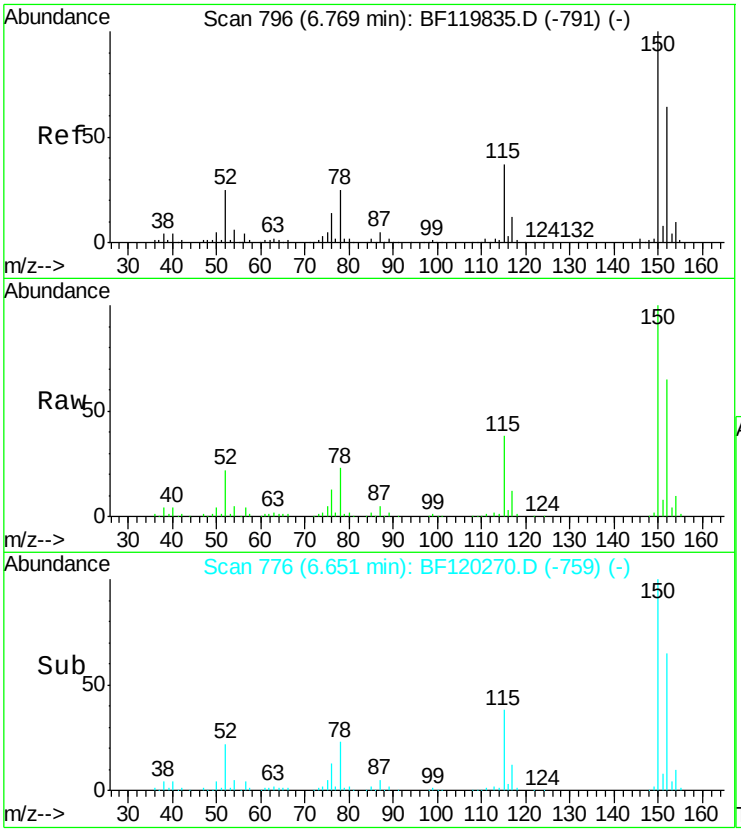
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120270.D
Acq On : 1 May 2020 20:45
Operator : MA/SJ
Sample : L2463-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Quant Time: May 02 01:10:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 15:26:36 2020
Response via : Initial Calibration



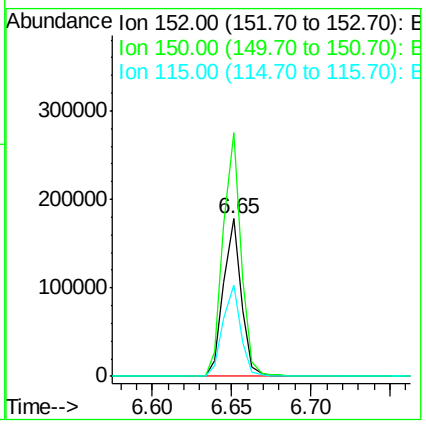


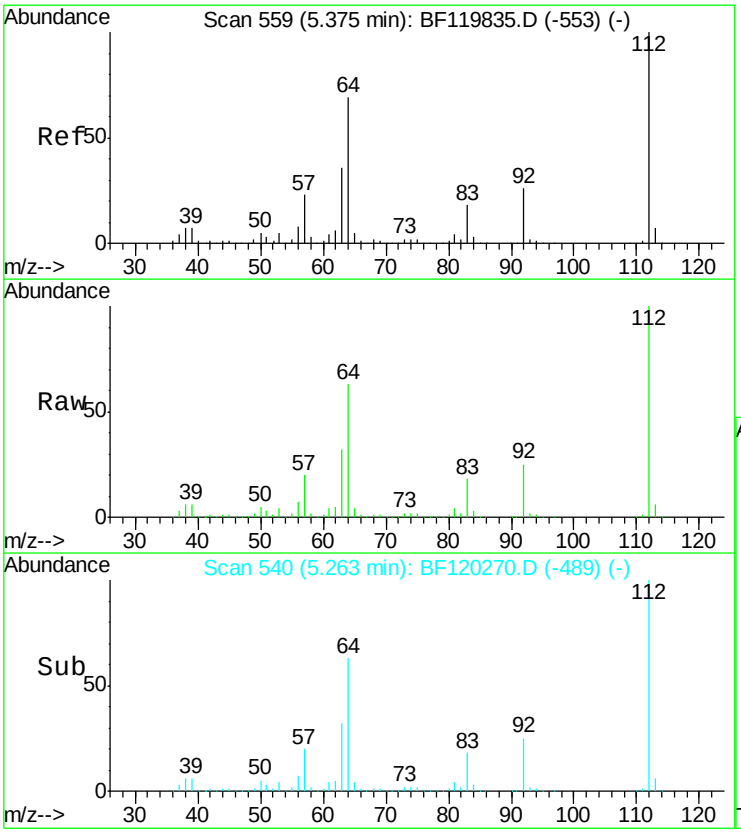
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:152 Resp: 138261

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.5	186.7
115	58.4	49.6	74.4

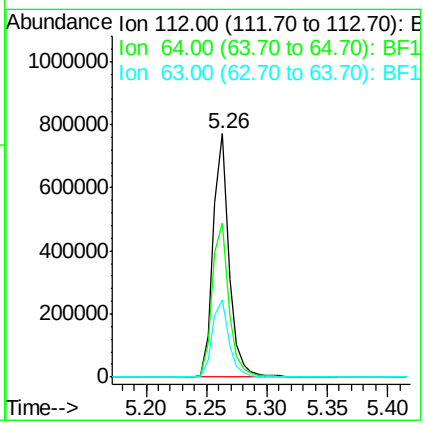


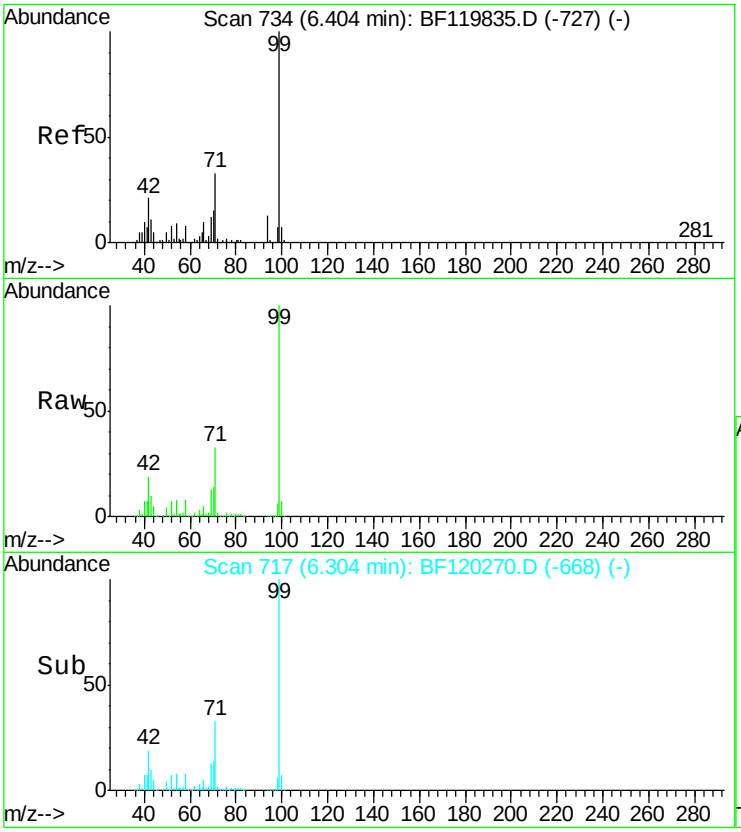


#5
2-Fluorophenol
Concen: 87.056 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:112 Resp: 696481

Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.7	85.1
63	31.8	29.5	44.3



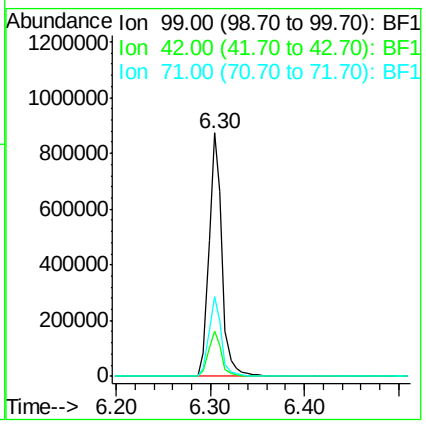


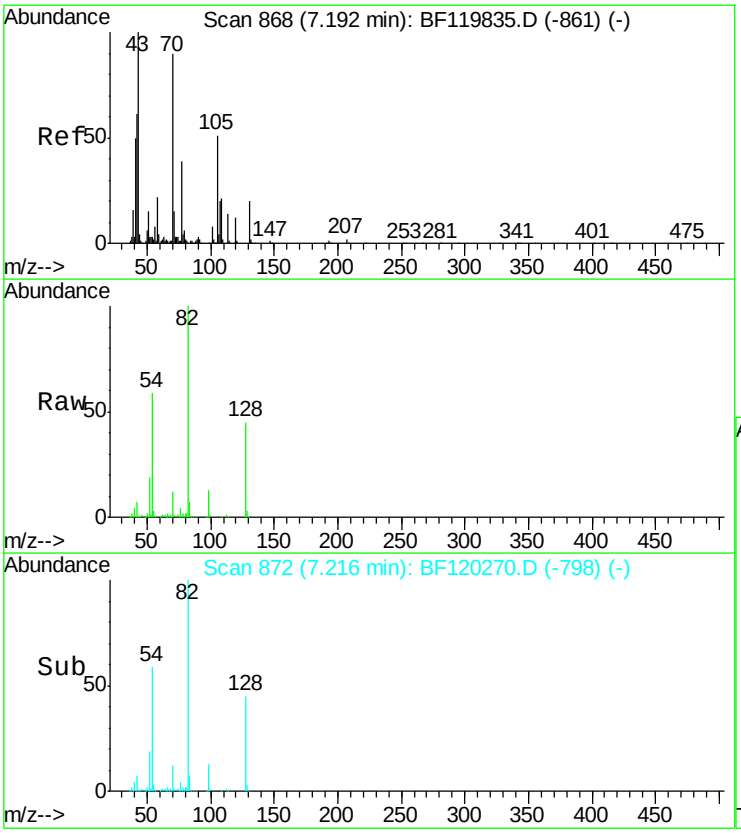
#7
Phenol-d6
Concen: 82.687 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion: 99 Resp: 852412

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.6	24.8
71	32.5	26.4	39.6

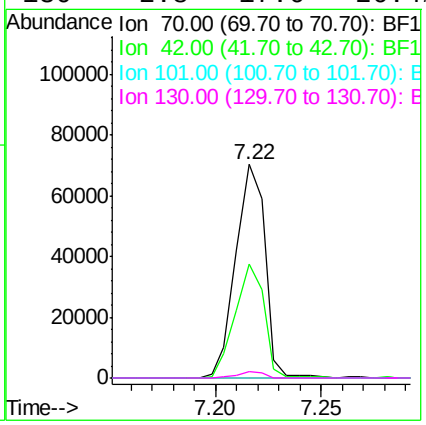


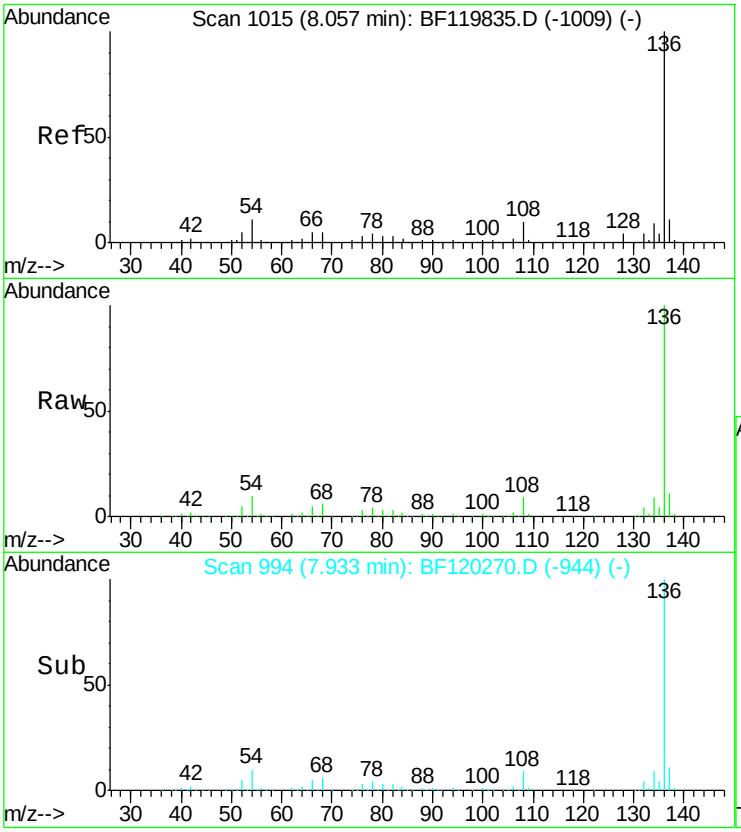


#19
n-Nitroso-di-n-propylamine
Concen: 10.215 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion: 70 Resp: 67717

Ion	Ratio	Lower	Upper
70	100		
42	53.5	54.5	81.7#
101	0.0	7.6	11.4#
130	2.8	17.6	26.4#



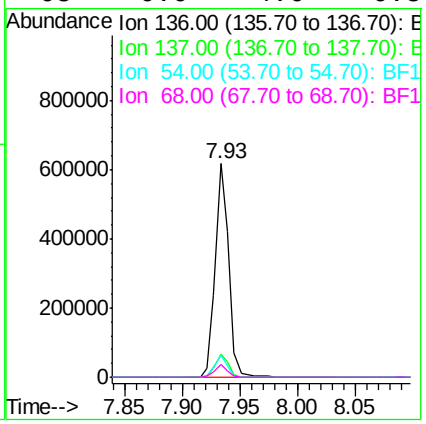


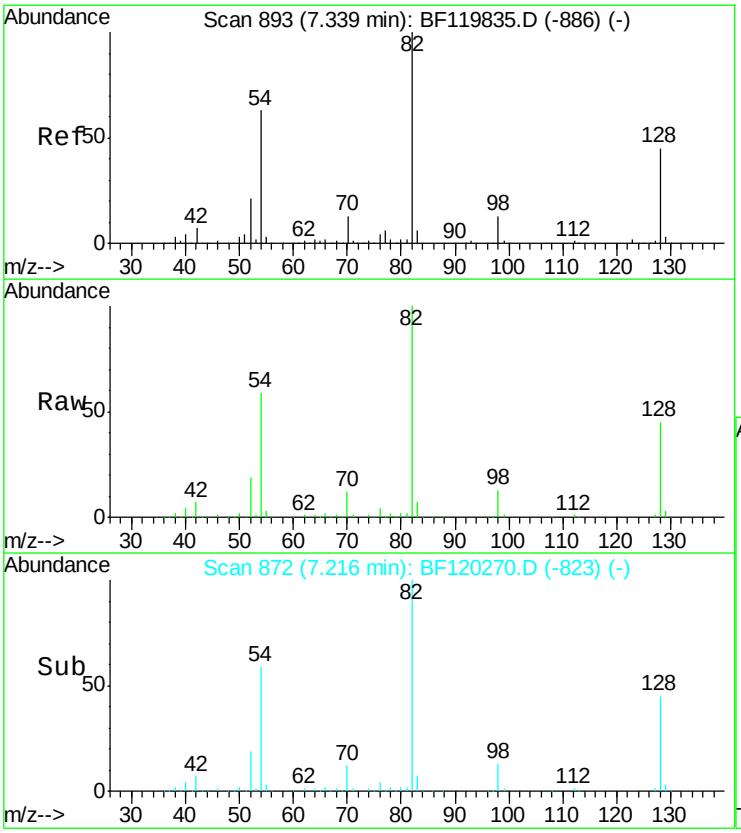
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:136 Resp: 498560

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.1	9.1	13.7
68	6.0	4.6	6.8

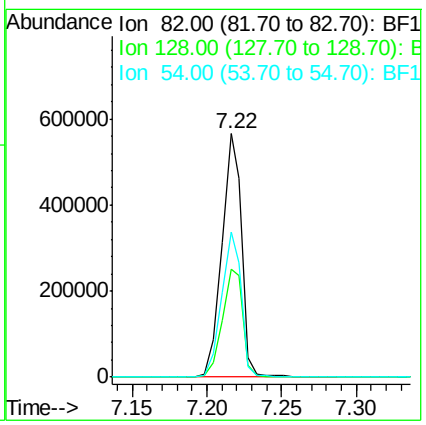


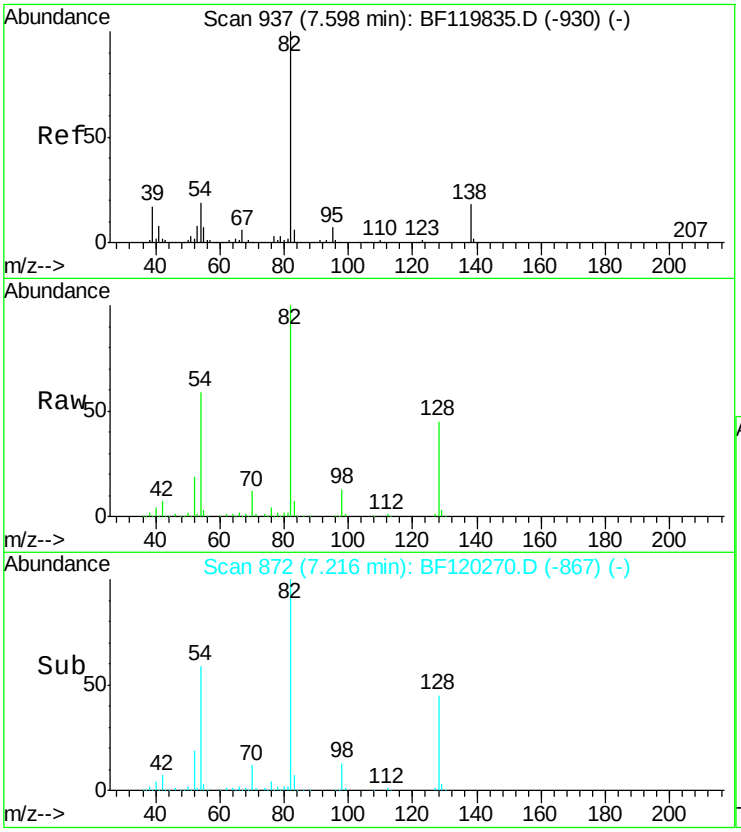


#23
Nitrobenzene-d5
Concen: 55.346 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion: 82 Resp: 533371

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	59.4	50.6	75.8



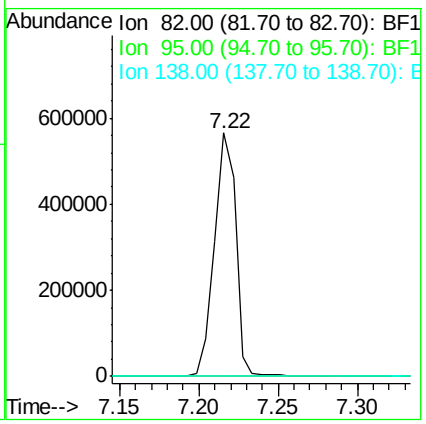


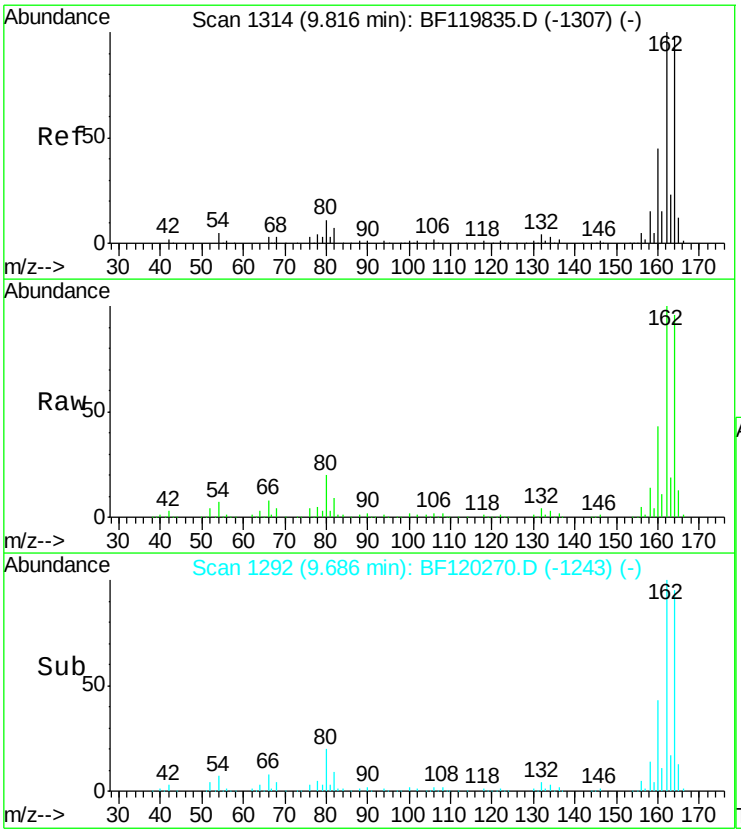
#25
Isophorone
Concen: 28.710 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.27 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion: 82 Resp: 533366

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

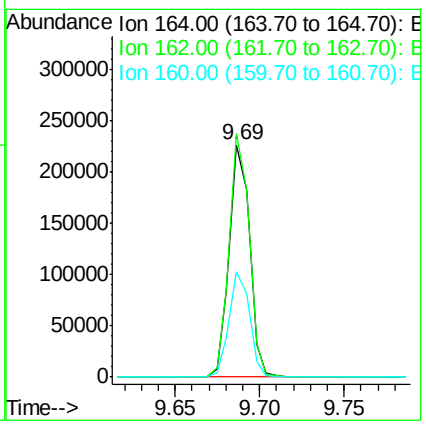


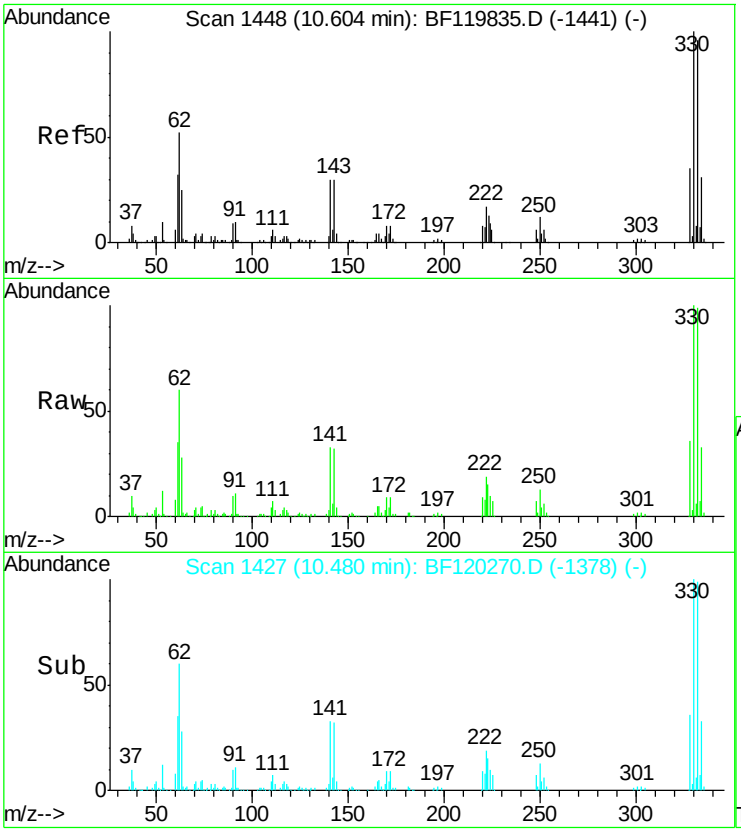


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:164 Resp: 190938

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	121.0
160	45.1	35.7	53.5



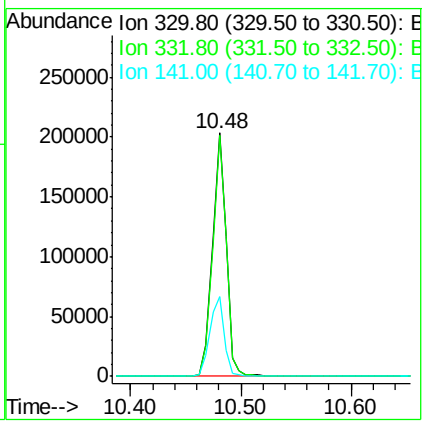


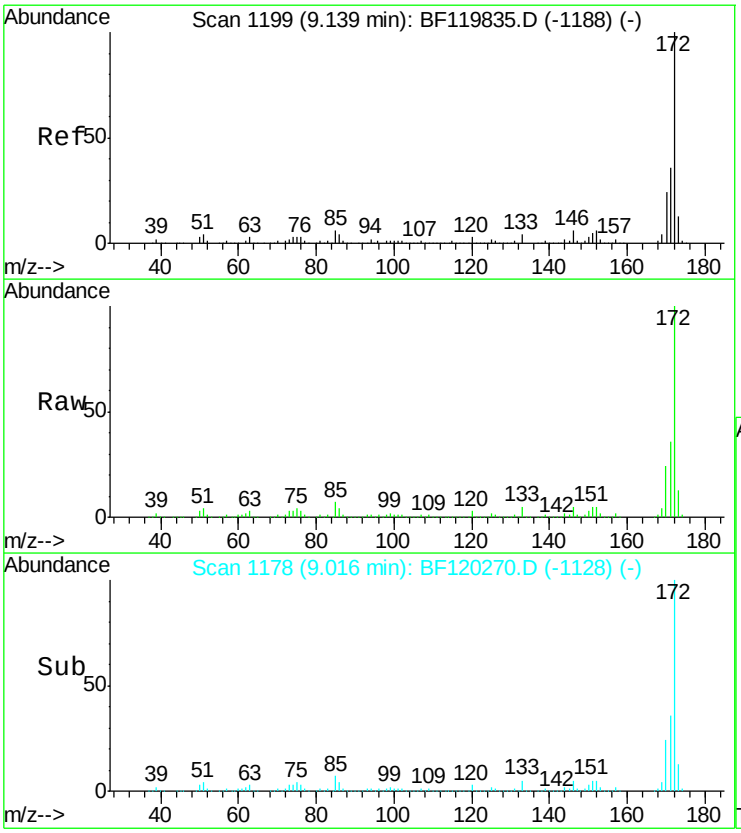
#42
2,4,6-Tribromophenol
Concen: 74.819 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:330 Resp: 174906

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.7	113.5
141	33.8	25.4	38.0

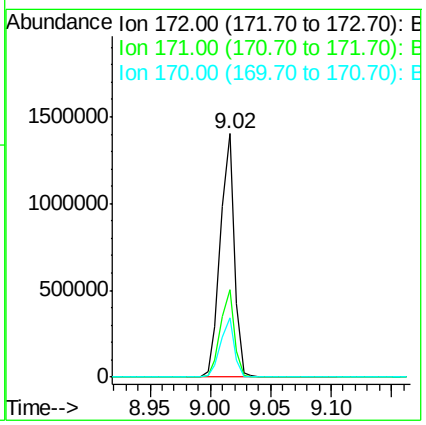


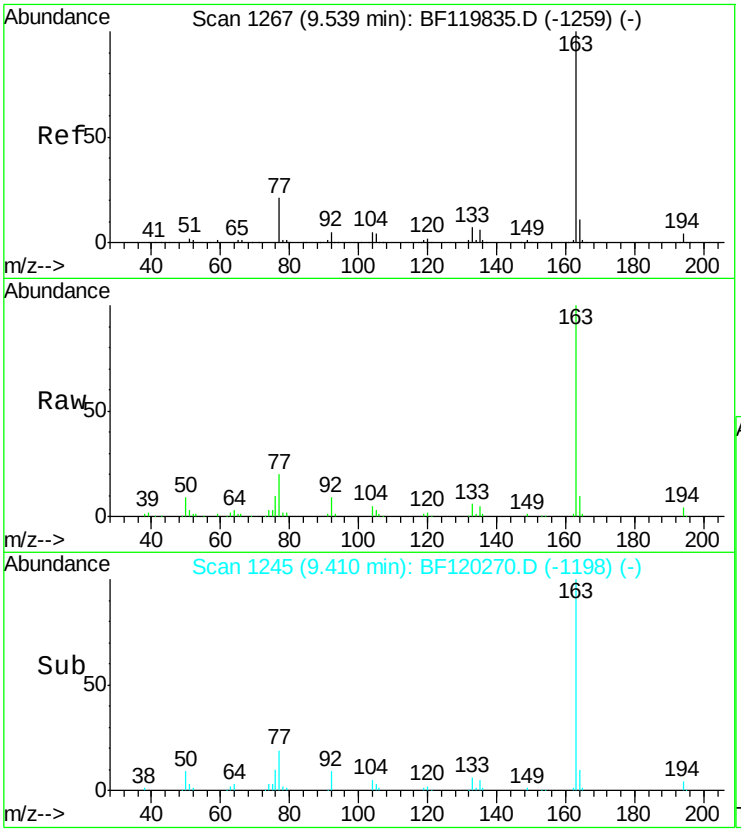


#45
2-Fluorobiphenyl
Concen: 83.520 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:172 Resp: 1123209

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	20.2	30.2



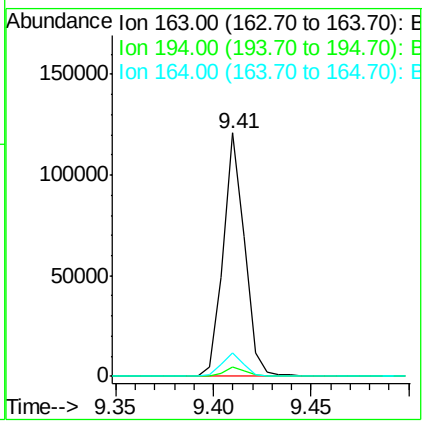


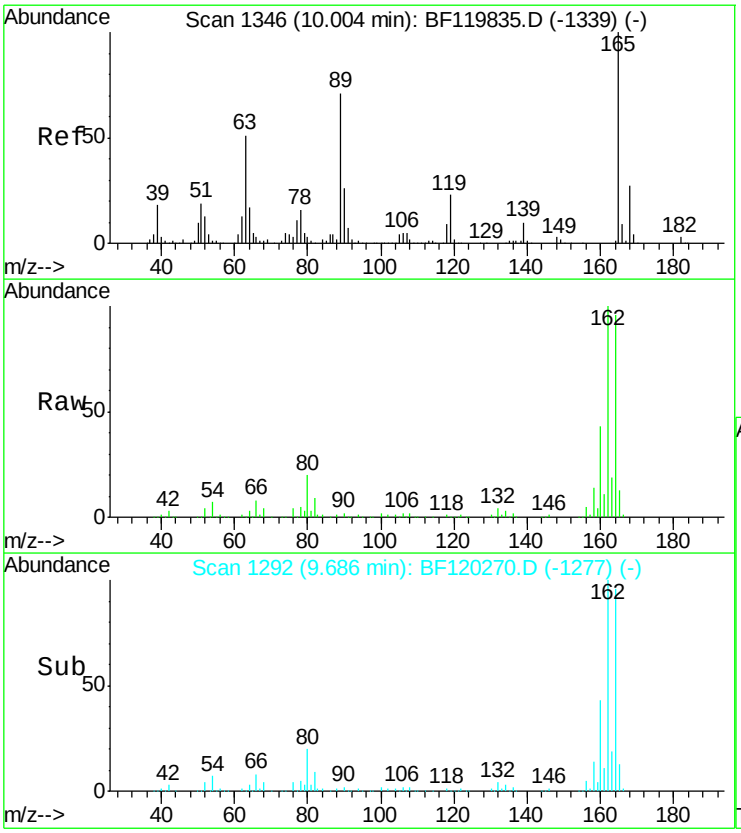
#50
Dimethylphthalate
Concen: 6.223 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:163 Resp: 91902

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.6	8.2	12.2

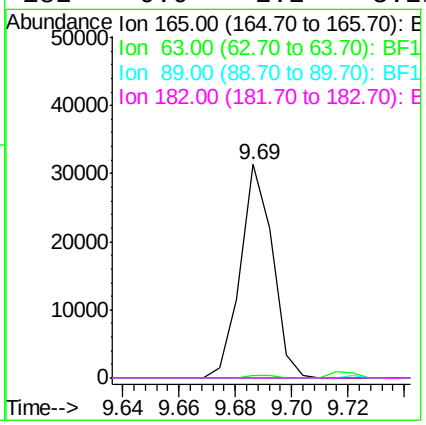


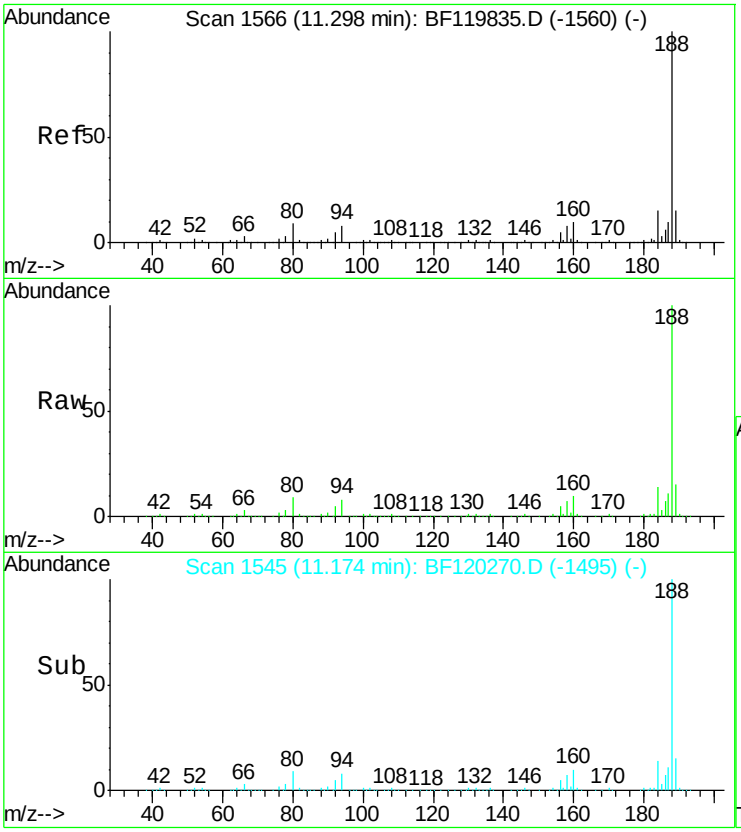


#57
2,4-Dinitrotoluene
Concen: 5.797 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.21 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:165 Resp: 24703

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.6	64.0#
89	0.0	61.0	91.4#
182	0.0	2.2	3.2#



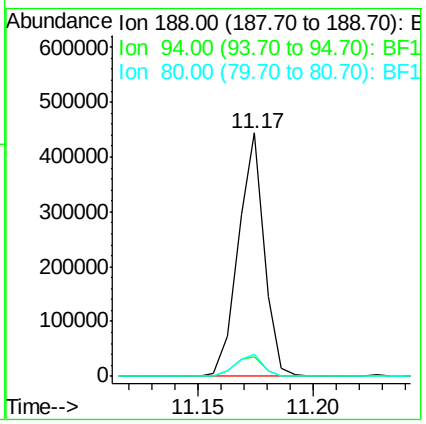


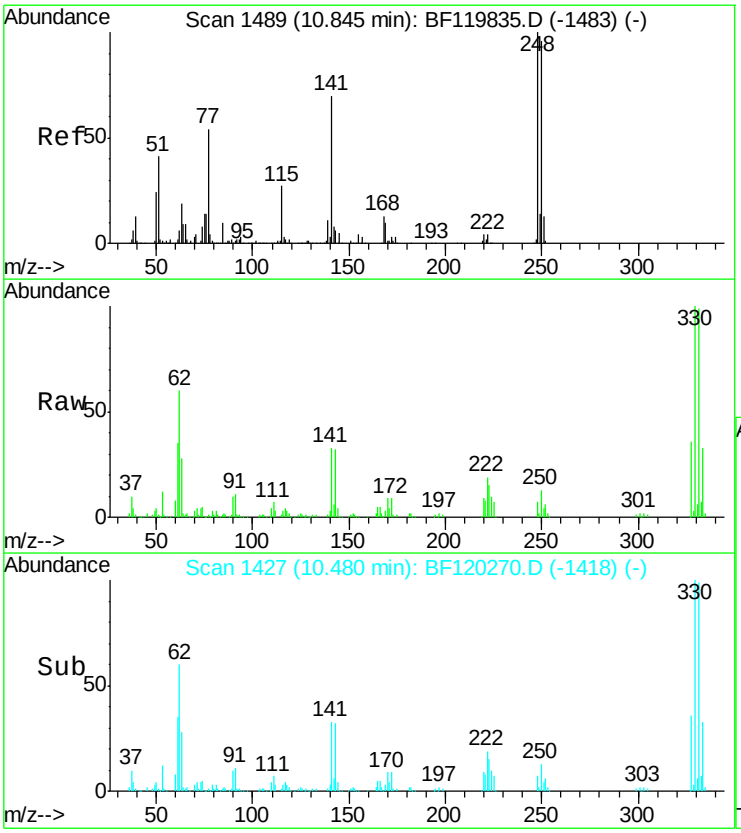
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:188 Resp: 346879

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.5	11.3
80	8.9	9.0	13.4#

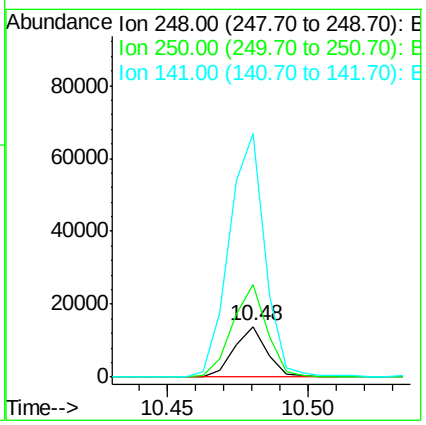


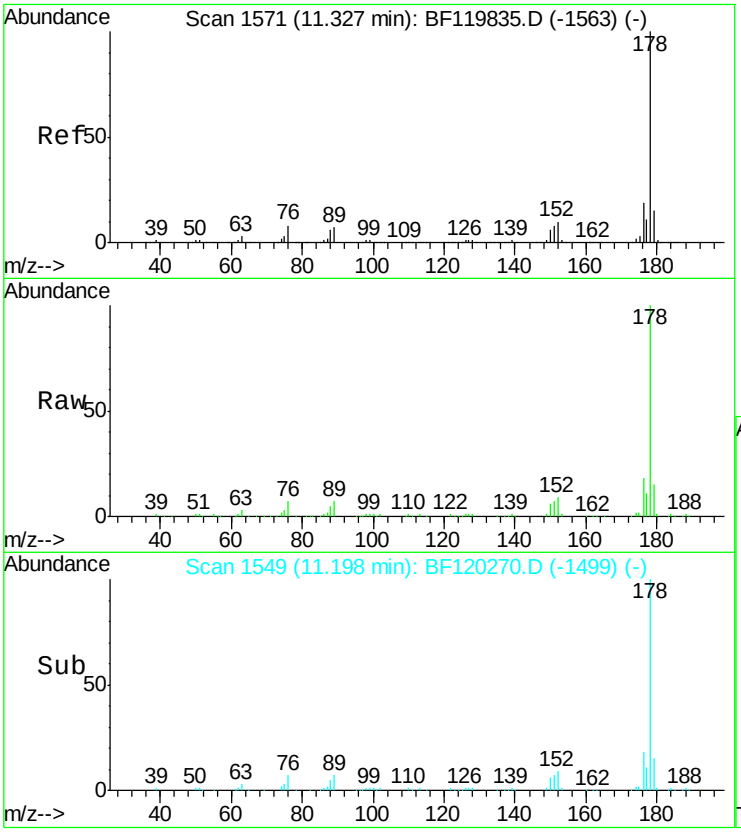


#67
4-Bromophenyl-phenylether
Concen: 2.591 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:248 Resp: 11175

Ion	Ratio	Lower	Upper
248	100		
250	183.8	77.3	115.9#
141	481.2	58.6	87.8#



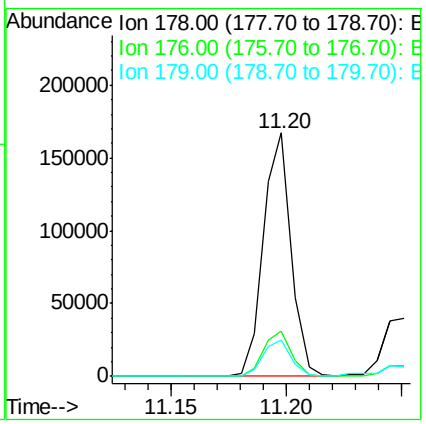


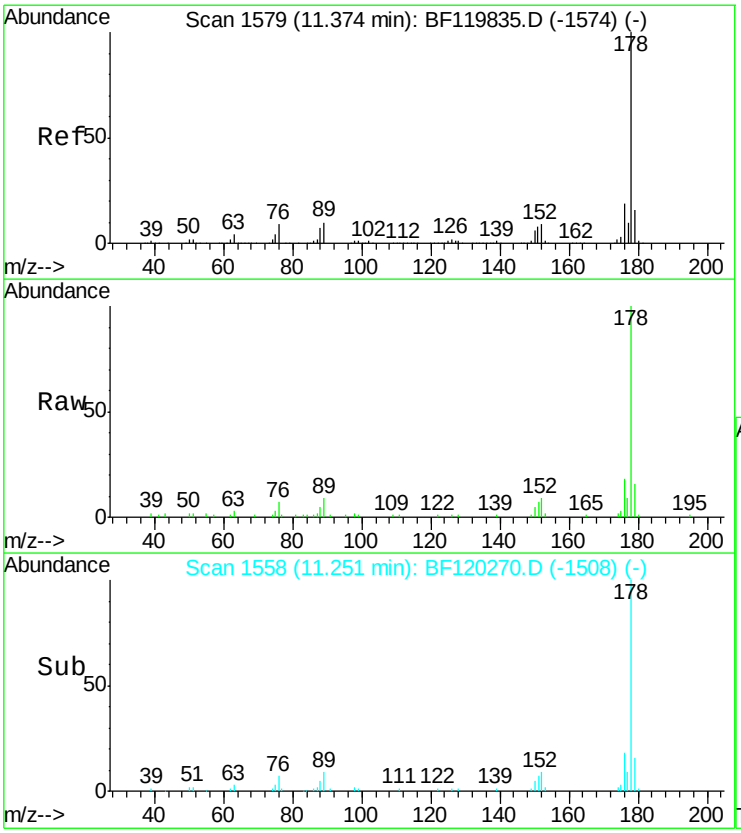
#71
Phenanthrene
Concen: 7.567 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:178 Resp: 139703

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.2	13.2	19.8

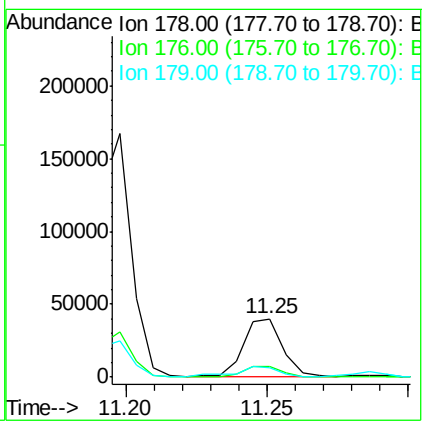


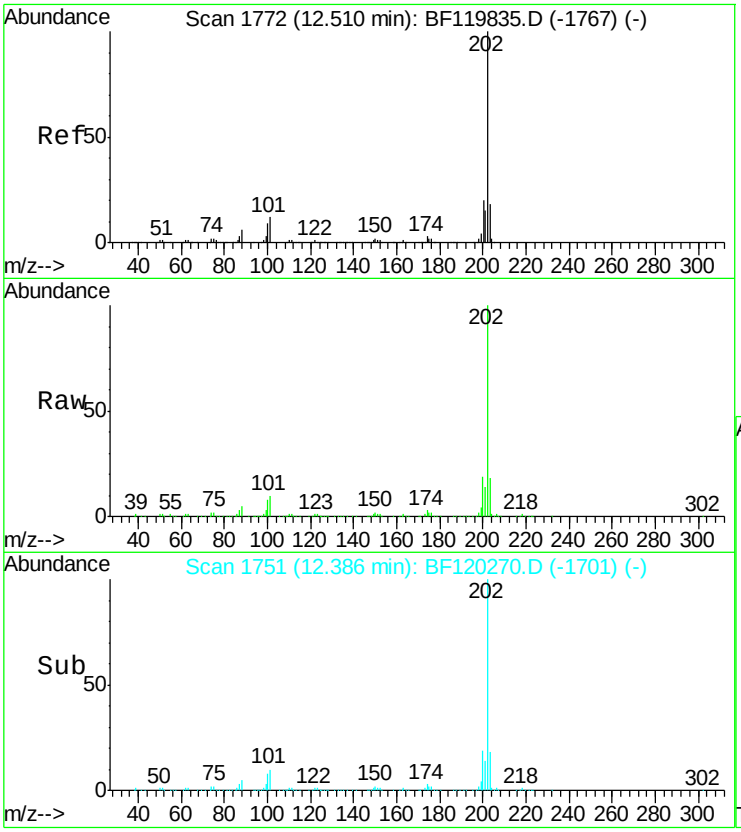


#72
Anthracene
Concen: 2.001 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:178 Resp: 37741

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.1	24.1
179	16.0	13.0	19.4



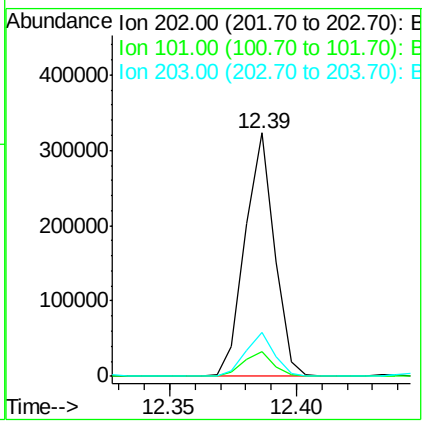


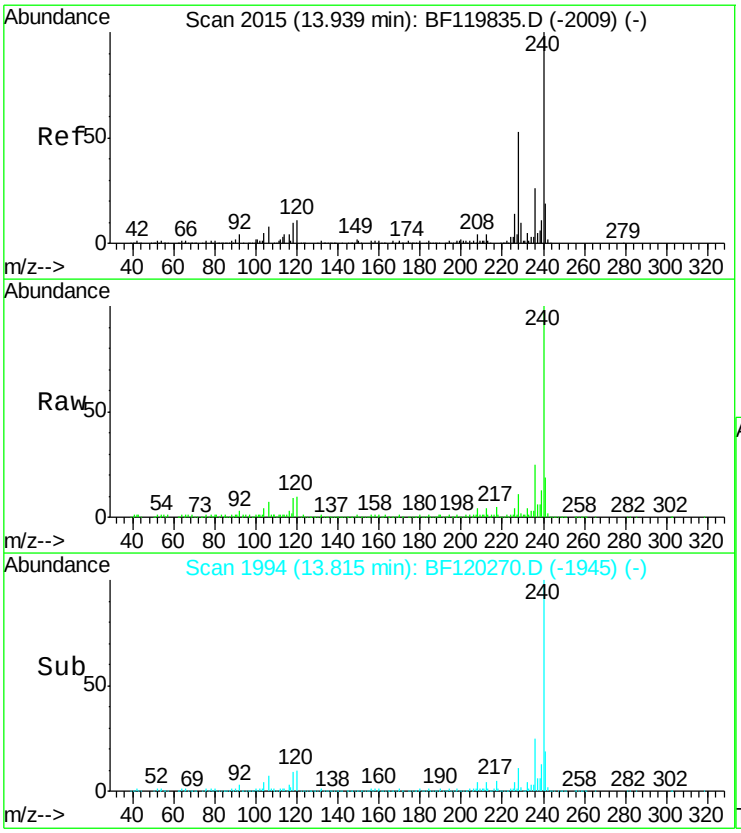
#75
Fluoranthene
Concen: 13.144 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:202 Resp: 261821

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.2
203	17.9	0.0	38.8

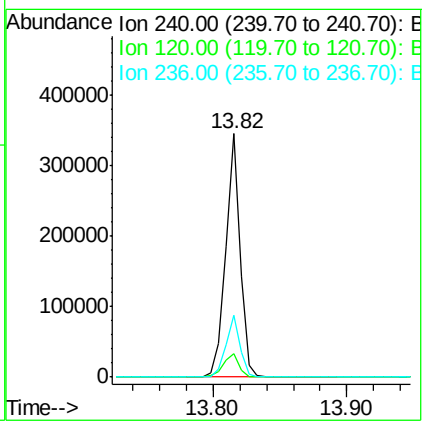


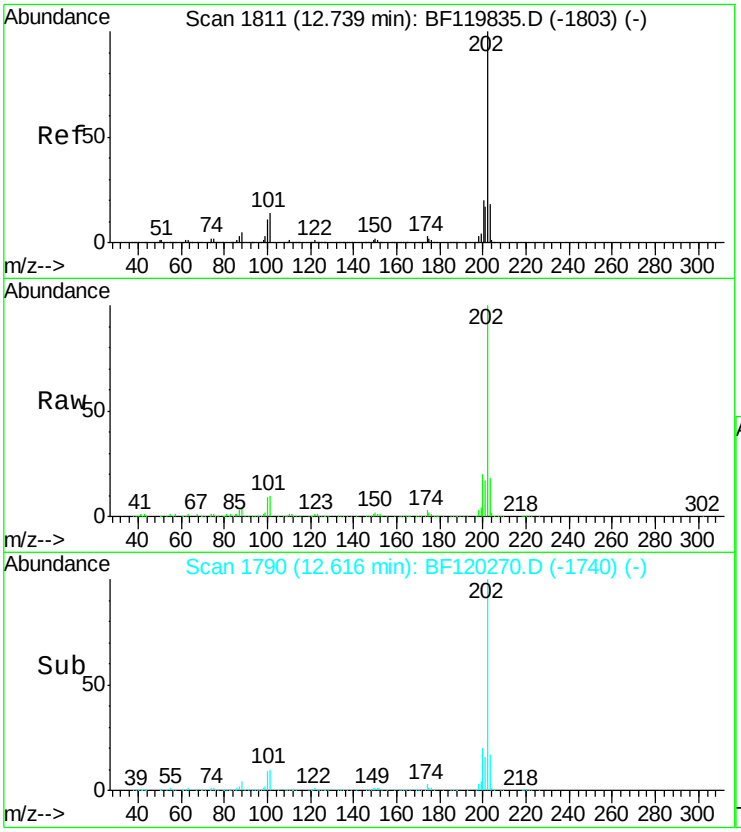


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:240 Resp: 266032

Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.6	15.8#
236	25.5	20.2	30.2



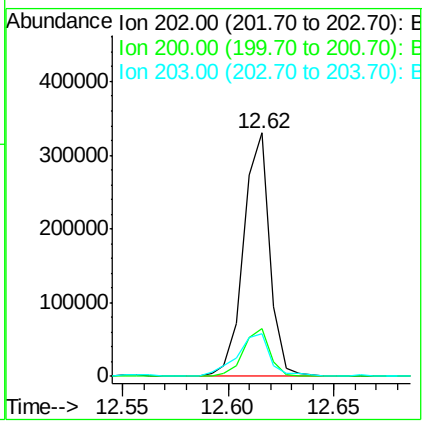


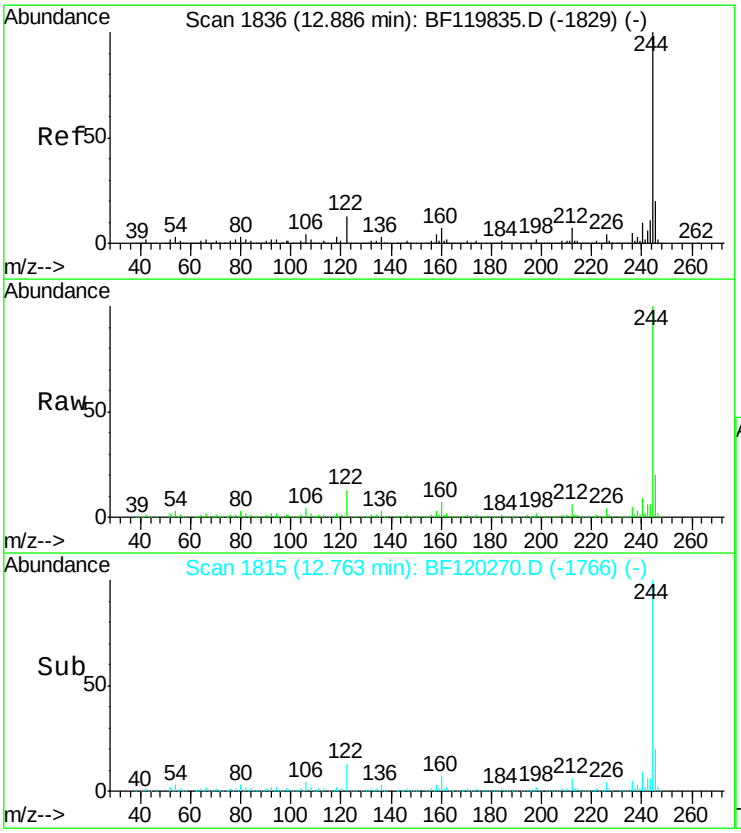
#78
Pyrene
Concen: 12.731 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:202 Resp: 285517

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.8	25.2
203	17.7	15.1	22.7

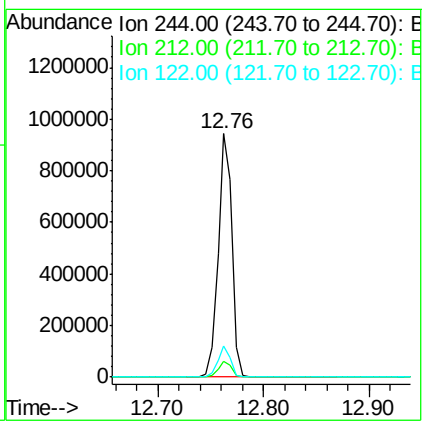


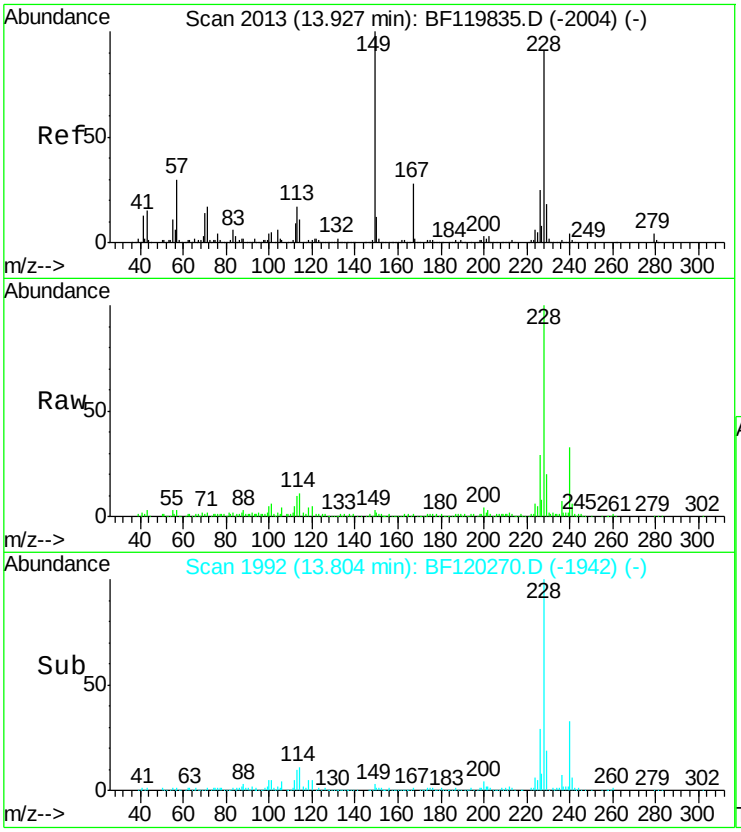


#79
Terphenyl-d14
Concen: 54.759 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:244 Resp: 865748

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	12.7	10.3	15.5



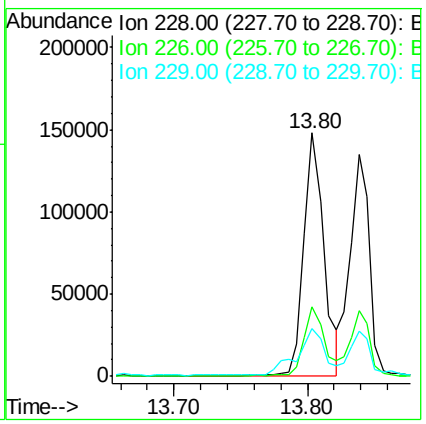


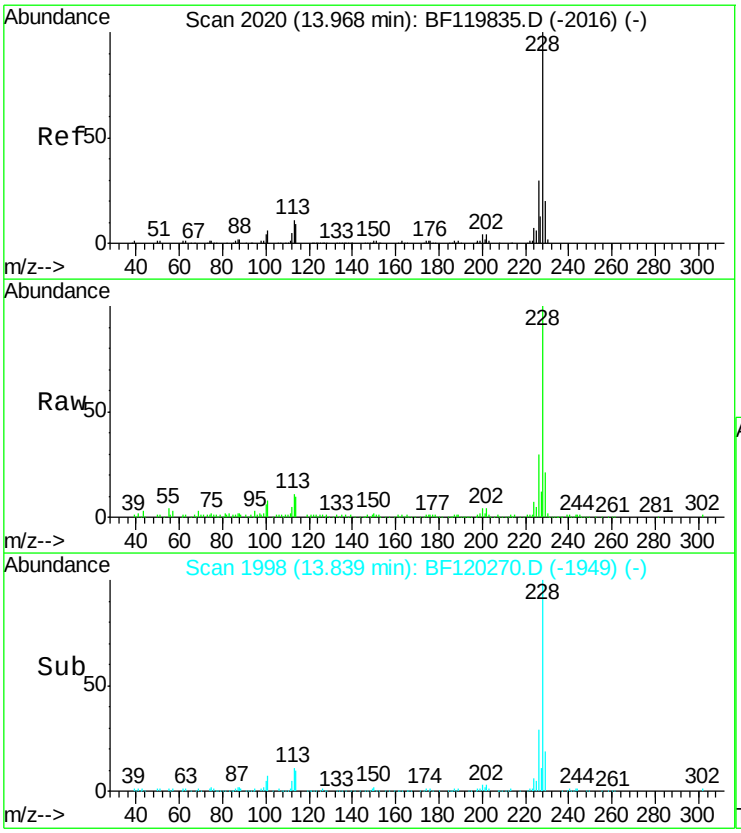
#81
Benzo(a)anthracene
Concen: 8.822 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:228 Resp: 154395

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.8
229	19.8	16.2	24.4

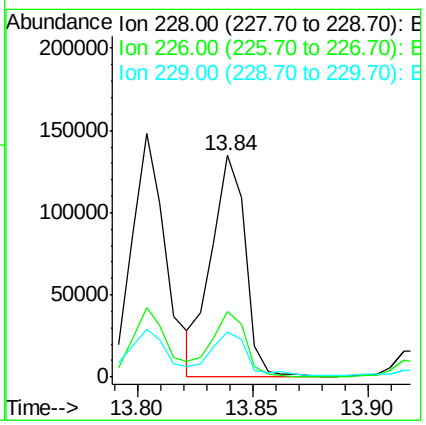


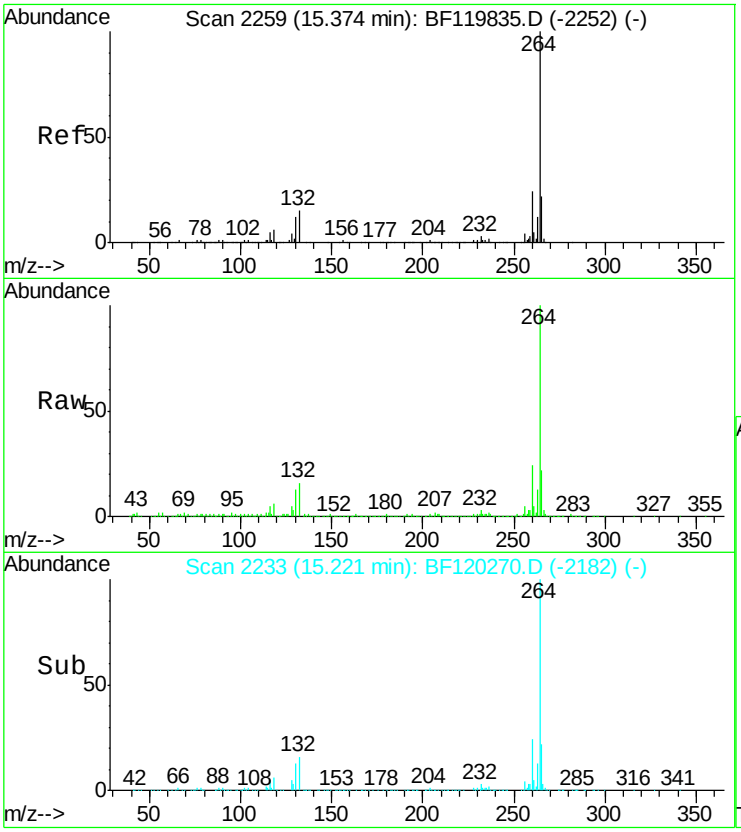


#83
Chrysene
Concen: 7.716 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:228 Resp: 137205

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.4	38.0
229	20.7	16.6	24.8



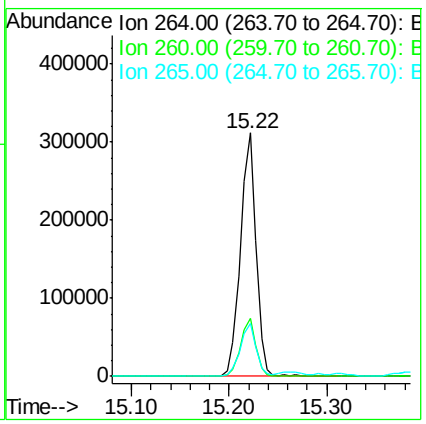


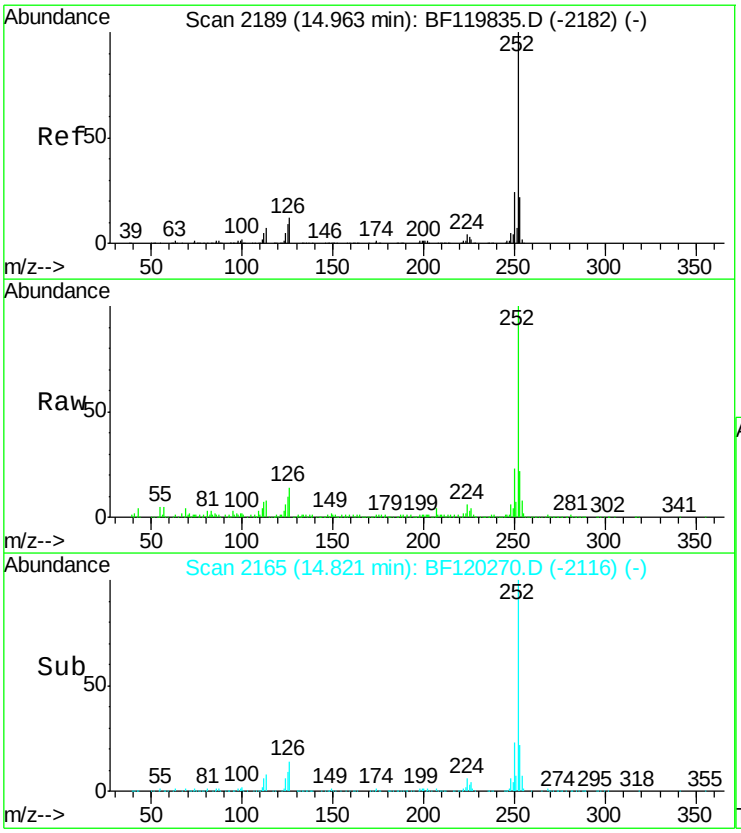
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:264 Resp: 348450

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	17.7	26.5

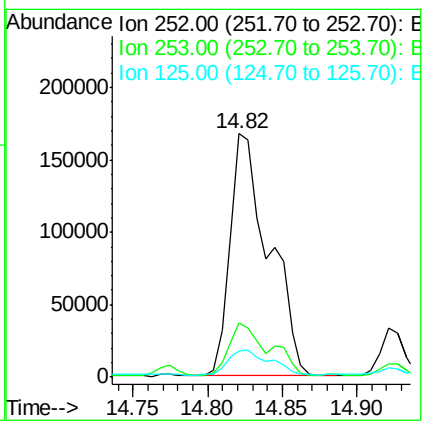


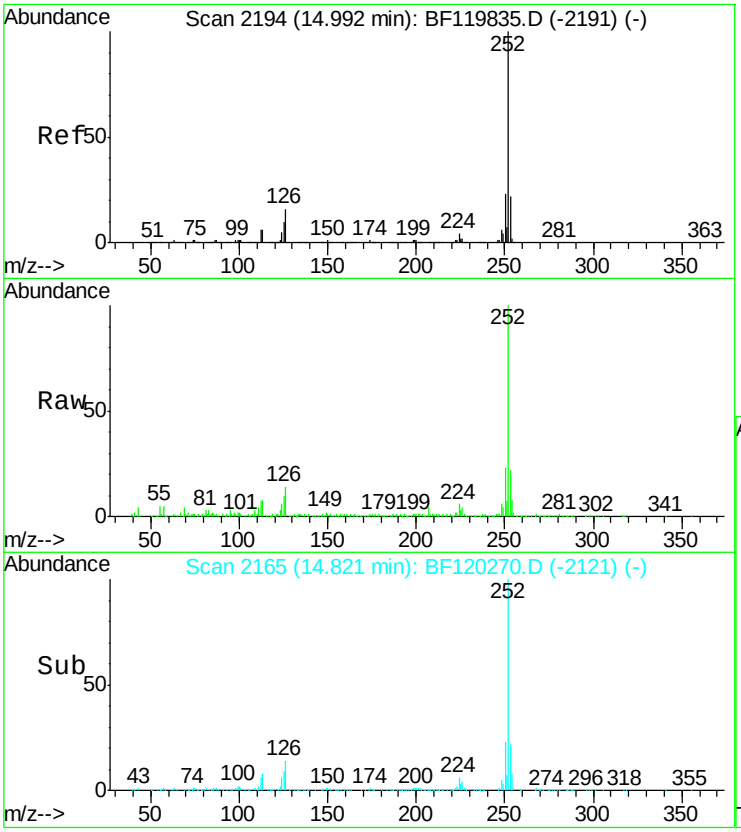


#88
Benzo(b)fluoranthene
Concen: 12.203 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:252 Resp: 305890

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.4	7.9	11.9



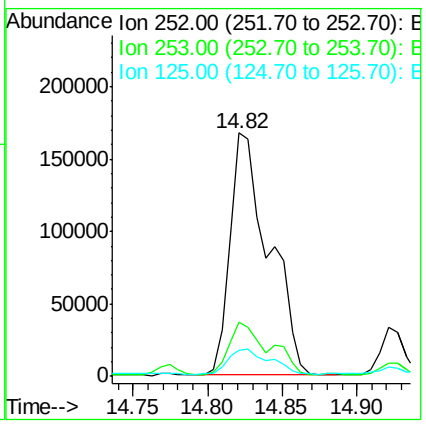


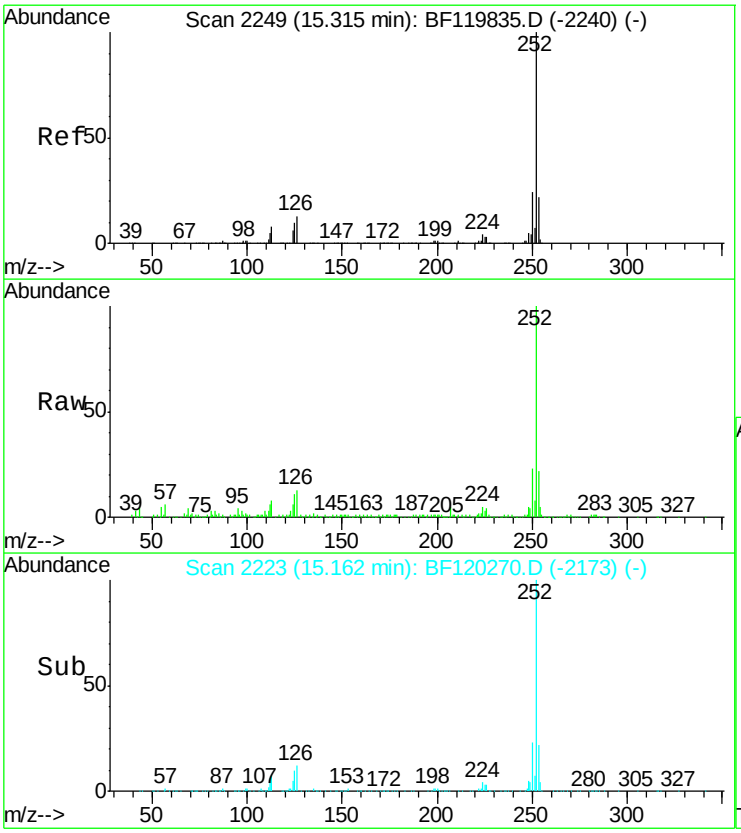
#89
Benzo(k)fluoranthene
Concen: 14.143 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.04 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:252 Resp: 305890

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.4	8.4	12.6

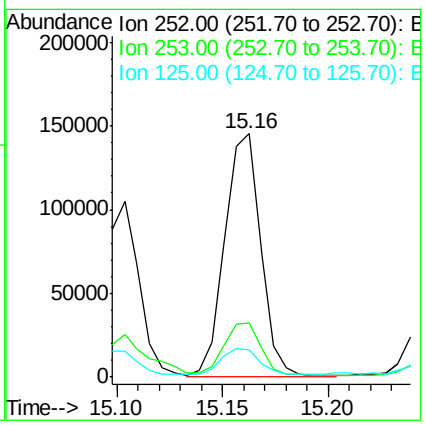


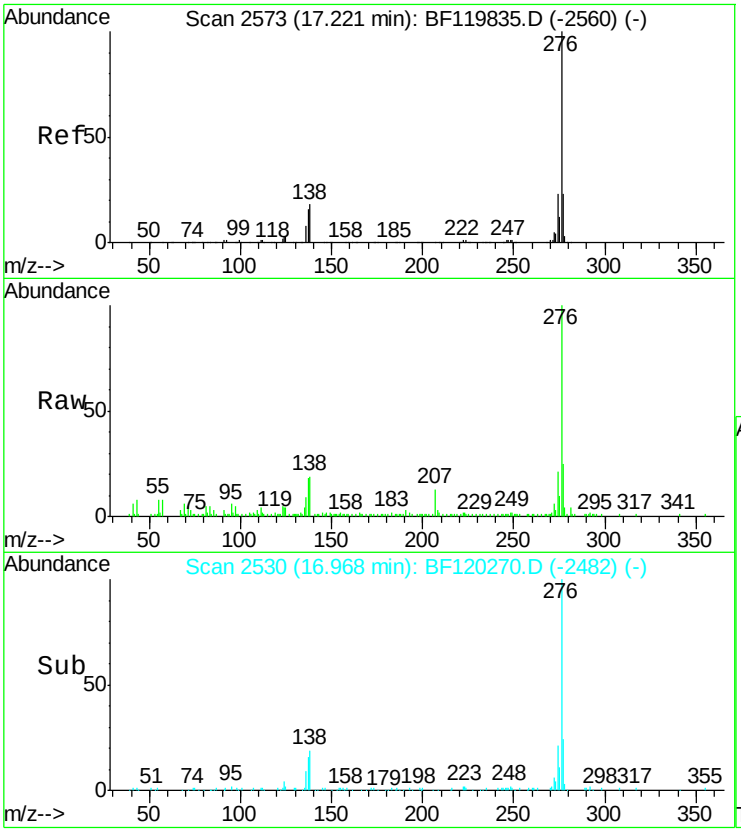


#90
Benzo(a)pyrene
Concen: 8.053 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:252 Resp: 169735

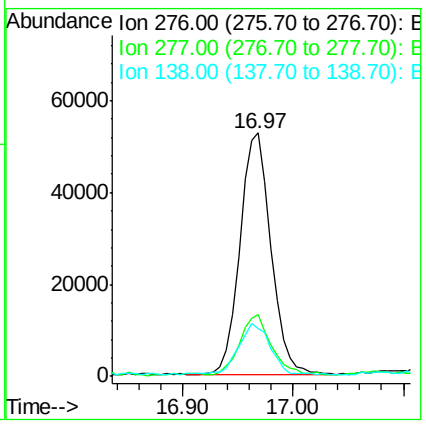
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.1	9.4	14.2





#92
Benzo(g,h,i)perylene
Concen: 5.659 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tgt Ion:276 Resp: 104280

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.4	27.6
138	19.4	15.4	23.0