Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121561.D
Acq On : 14 Sep 2020 15:30
Operator : JU/CG
Sample : L3993-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B38-091120-10-17

Quant Time: Sep 14 16:52:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng		-6.83
21) Naphthalene-d8	0.00	136	0	0.00	ng		-8.12
39) Acenaphthene-d10	0.00	164	0	0.00	ng		-9.87
64) Phenanthrene-d10	0.00	188	0	0.00	ng		-11.35
76) Chrysene-d12	14.19	240	147	20.00	ng		0.20
86) Perylene-d12	15.66	264	1539	20.00	ng		0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	836844	0.00	ng		0.01
7) Phenol-d6	6.47	99	1074820	0.00	ng		0.01
23) Nitrobenzene-d5	7.39	82	704681	0.00	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	308353	0.00	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1254340	0.00	ng		0.00
79) Terphenyl-d14	12.93	244	1251651	172498.18	ng		0.00
Target Compounds							Qvalue
77) Benzidine	12.93	184	17326	3555.256	ng	#	90
78) Pyrene	12.79	202	61960	5768.945	ng		98
80) Butylbenzylphthalate	13.56	149	165	37.986	ng	#	55
81) Benzo(a)anthracene	14.01	228	29998	3225.609	ng		98
82) 3,3'-Dichlorobenzidine	14.15	252	215	59.217	ng	#	1
83) Chrysene	14.01	228	29998	3185.375	ng		96
84) Bis(2-ethylhexyl)phthalate	13.97	149	14184	2444.316	ng		96
85) Di-n-octyl phthalate	14.80	149	2899	283.081	ng	#	1
87) Indeno(1,2,3-cd)pyrene	17.30	276	17603	175.636	ng		95
88) Benzo(b)fluoranthene	15.32	252	17382	168.948	ng	#	64
89) Benzo(k)fluoranthene	15.32	252	17382	184.493	ng	#	64
90) Benzo(a)pyrene	15.47	252	6849	78.315	ng	#	9
91) Dibenzo(a,h)anthracene	17.10	278	2339	28.035	ng	#	16
92) Benzo(g,h,i)perylene	17.30	276	16118	196.538	ng		96

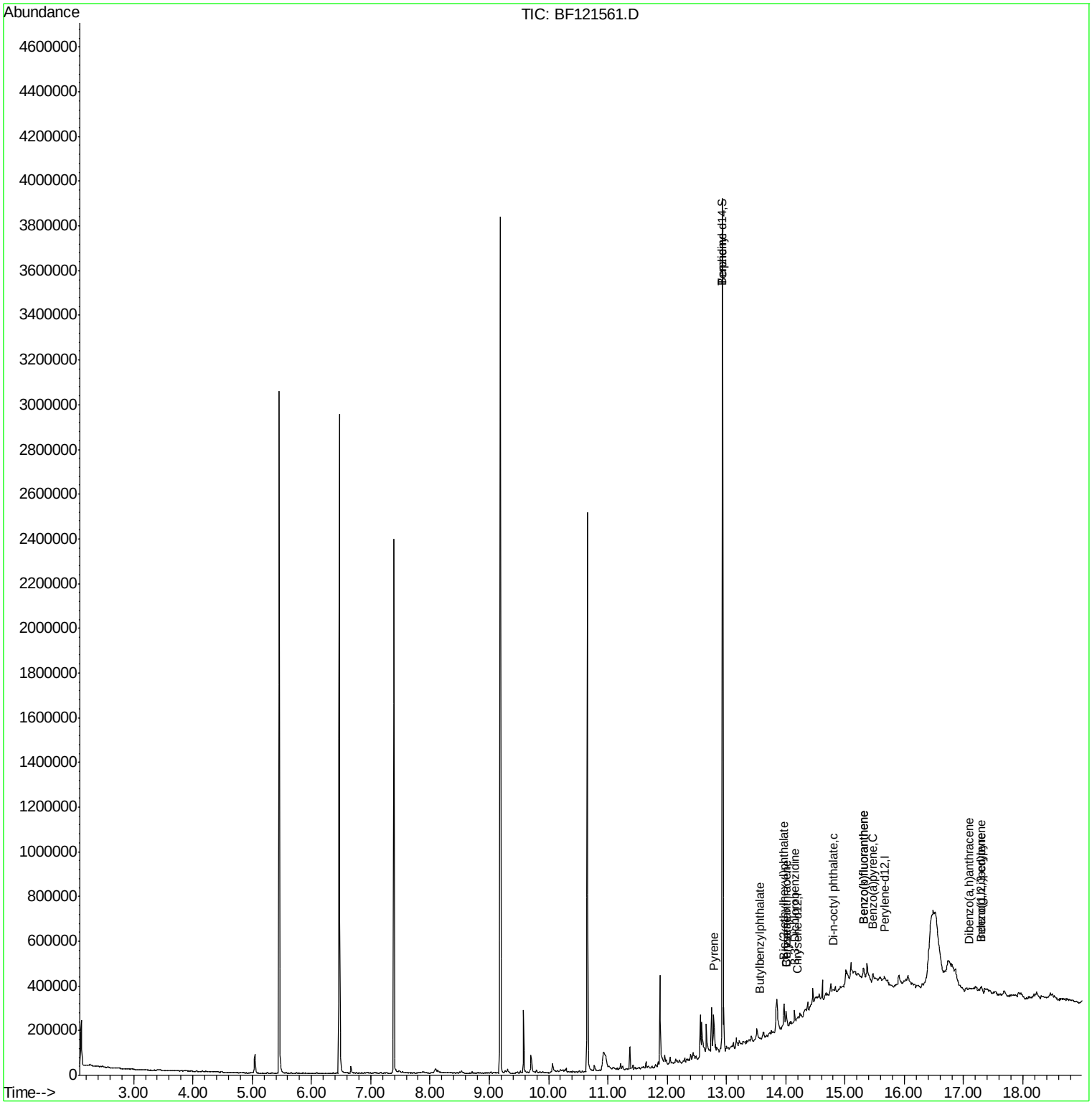
(#) = qualifier out of range (m) = manual integration (+) = signals summed

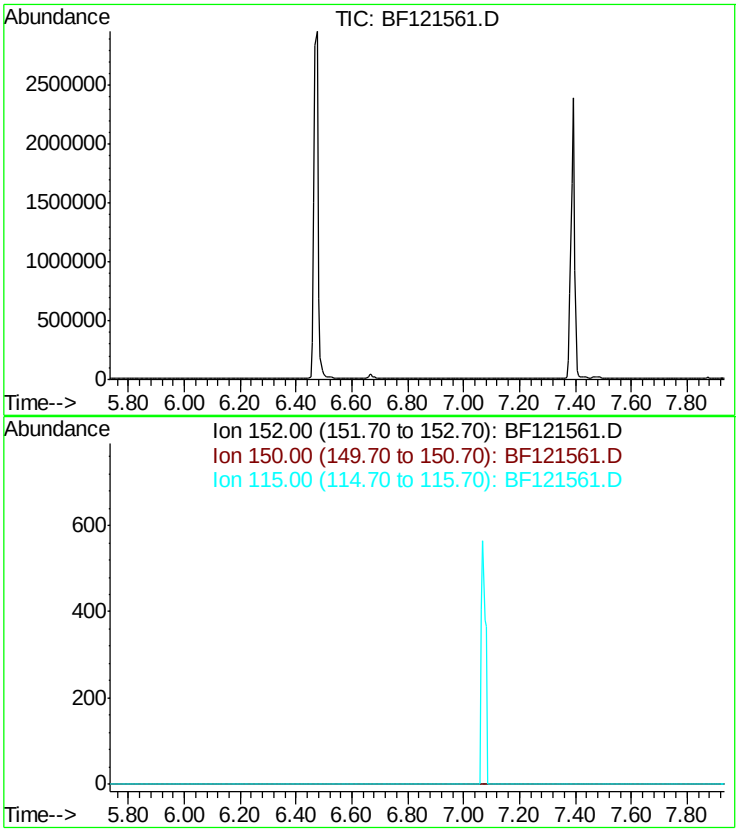
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121561.D
Acq On : 14 Sep 2020 15:30
Operator : JU/CG
Sample : L3993-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Quant Time: Sep 14 16:52:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration





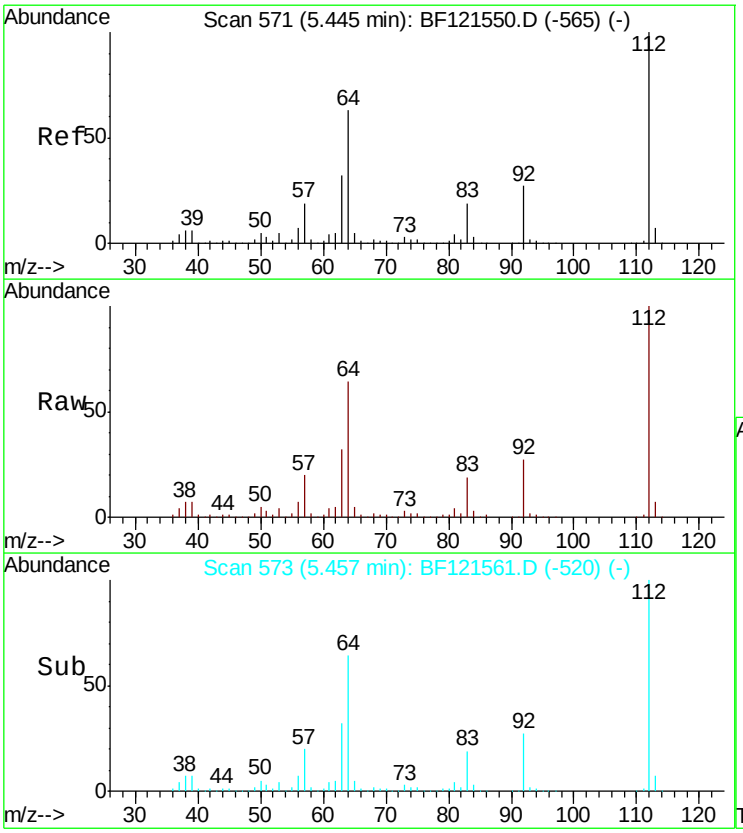
#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 6.83 min

Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	157.2
115	59.8

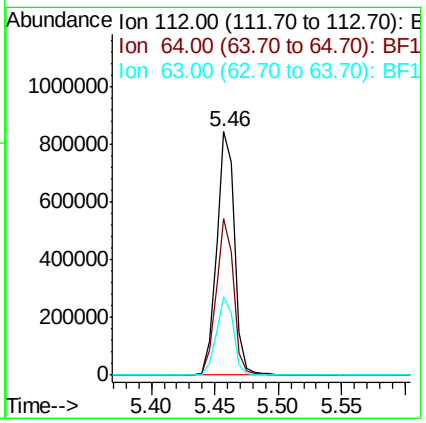
Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

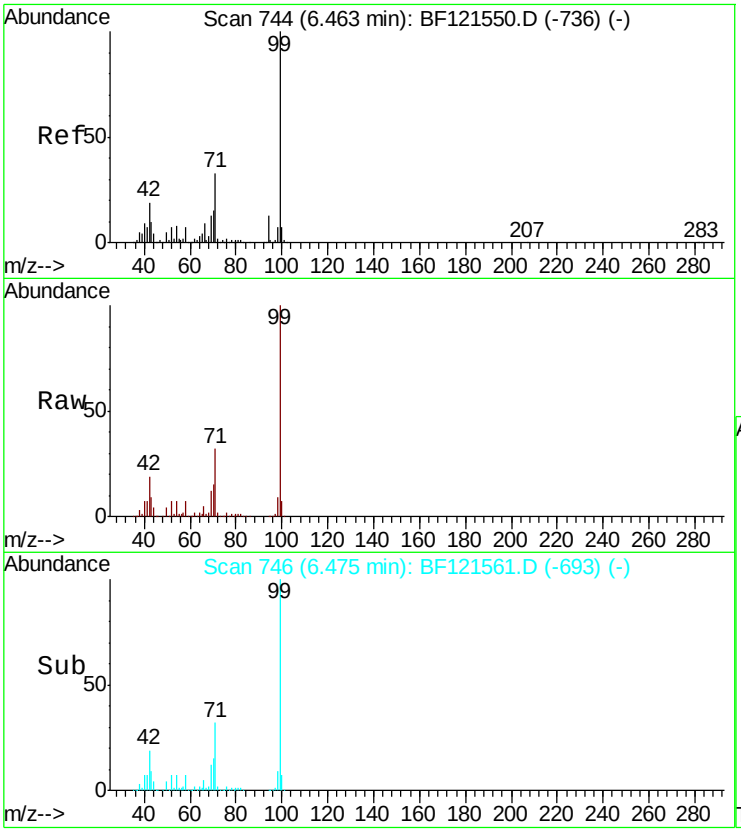


#5
2-Fluorophenol
Concen: 0.000 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:112 Resp: 836844

Ion	Ratio	Lower	Upper
112	100		
64	64.1	50.3	75.5
63	32.0	25.6	38.4



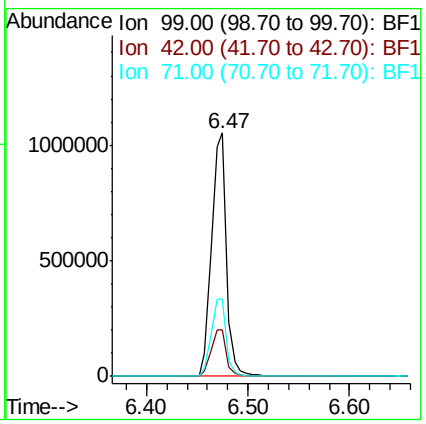


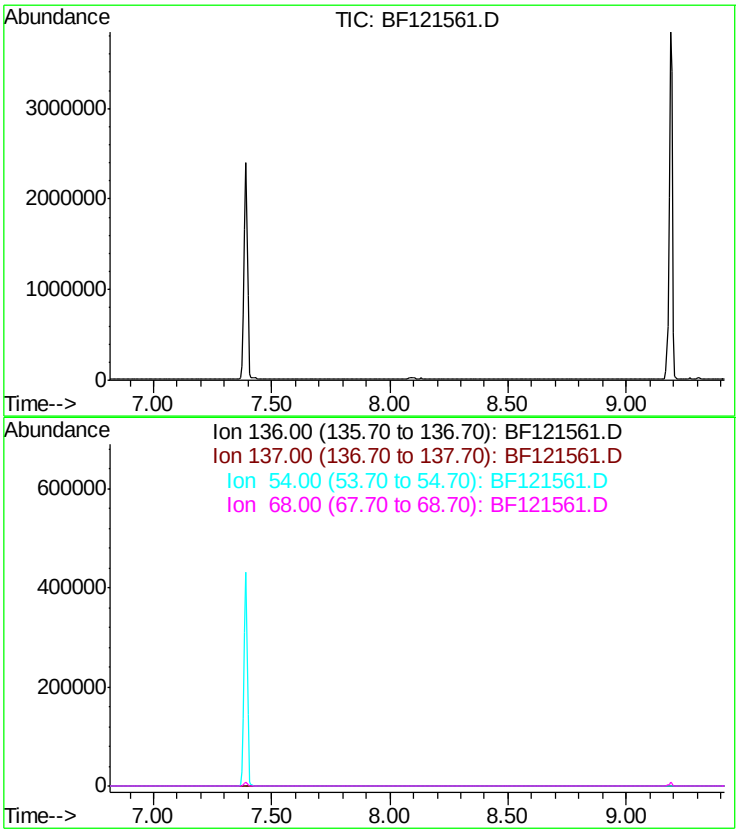
#7
Phenol-d6
Concen: 0.000 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion: 99 Resp: 1074820

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.5	23.3
71	31.8	26.1	39.1



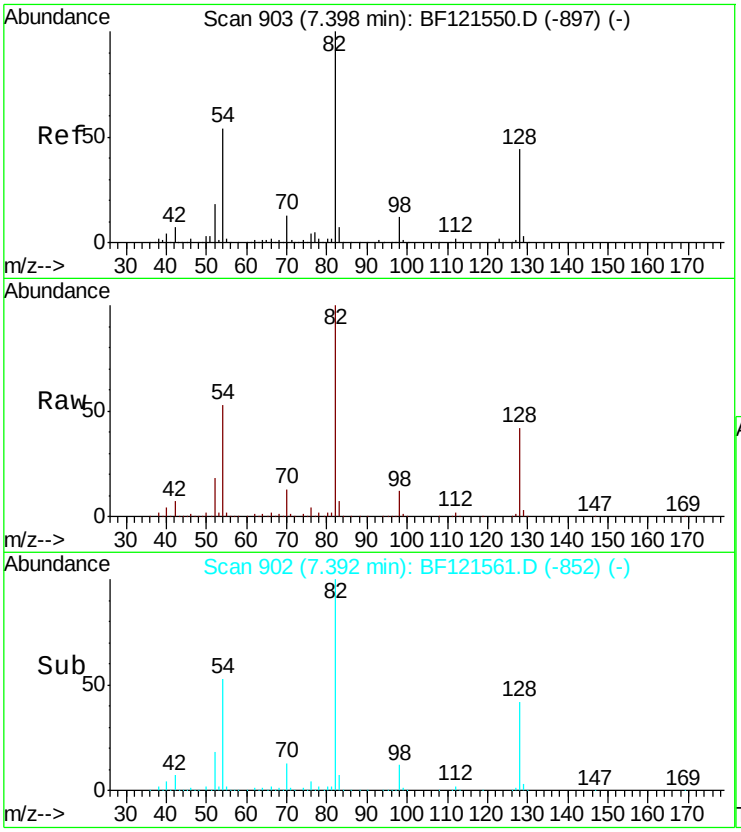


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.12 min

Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.3
54	9.5
68	7.1

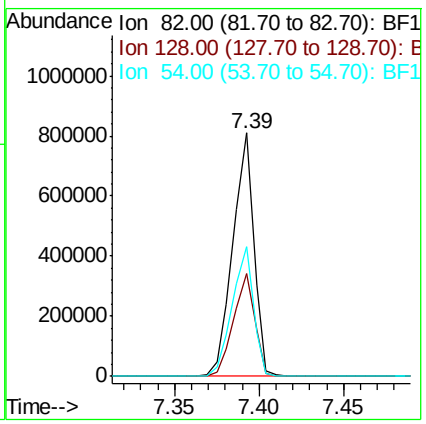


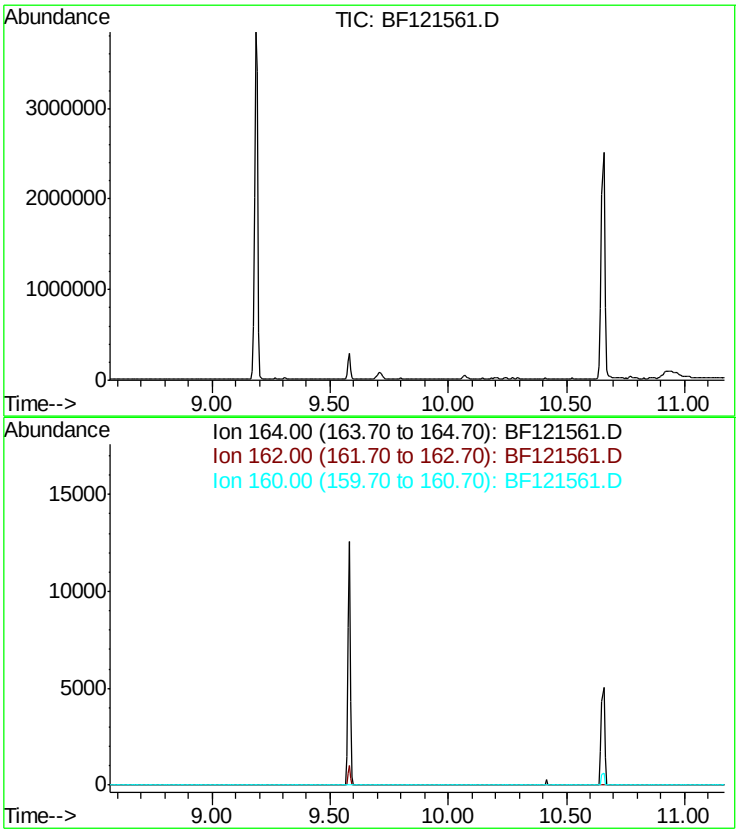
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion: 82 Resp: 704681

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.1	52.7
54	53.2	43.0	64.6



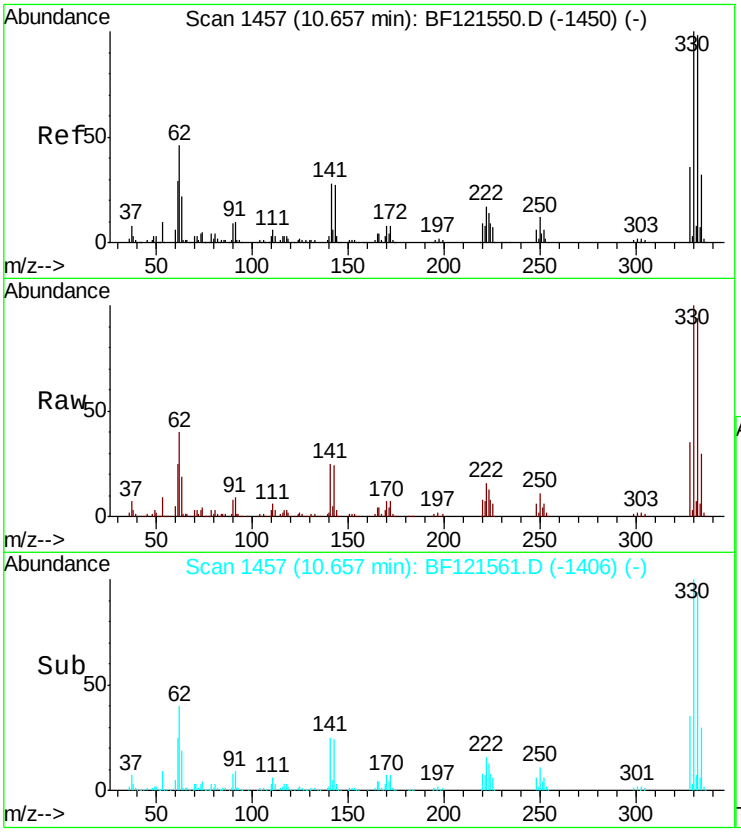


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 9.87 min

Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	102.9
160	46.2

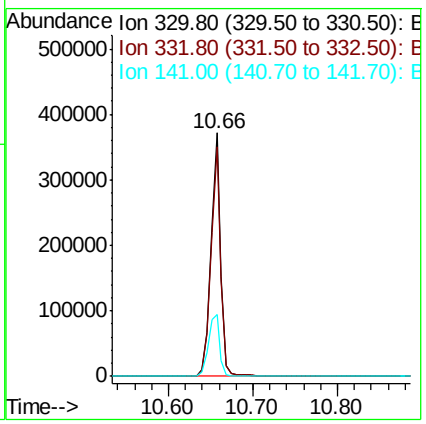


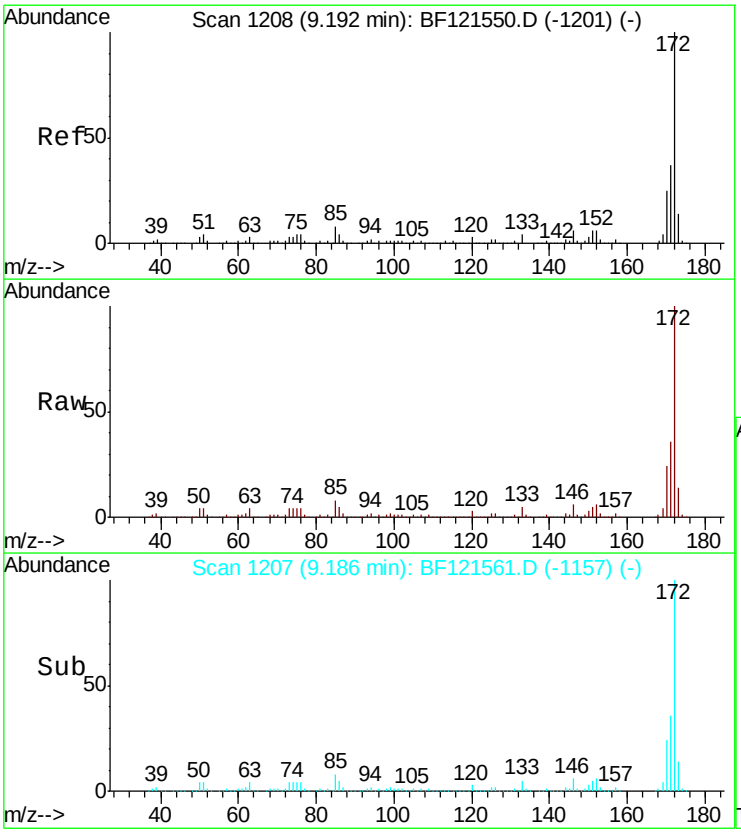
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:330 Resp: 308353

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	29.9	23.6	35.4

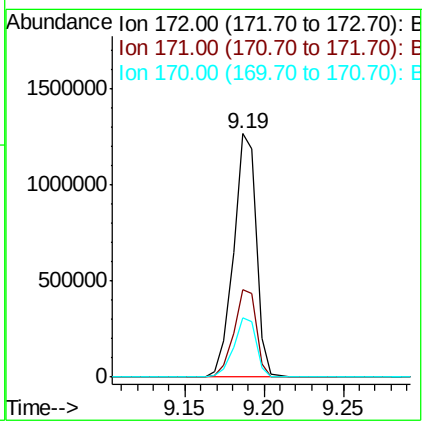


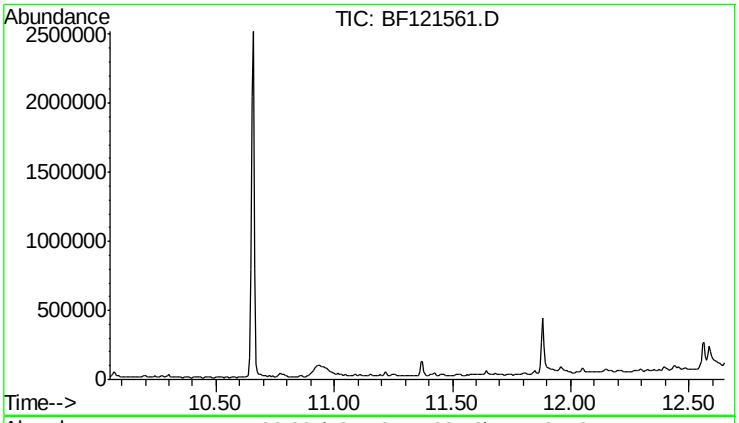


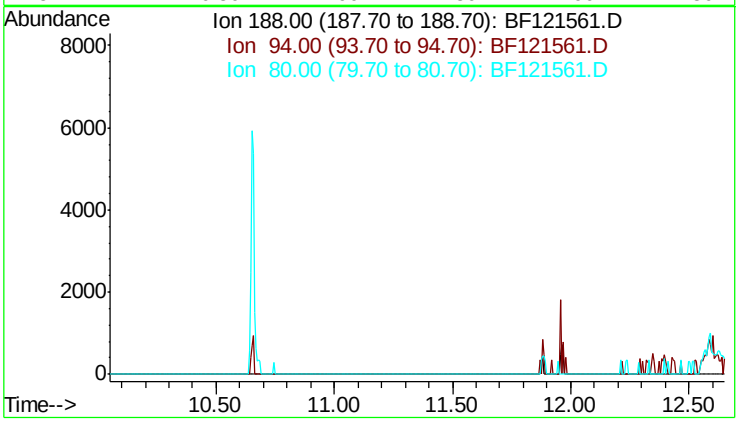
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:172 Resp: 1254340

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.2	19.8	29.8







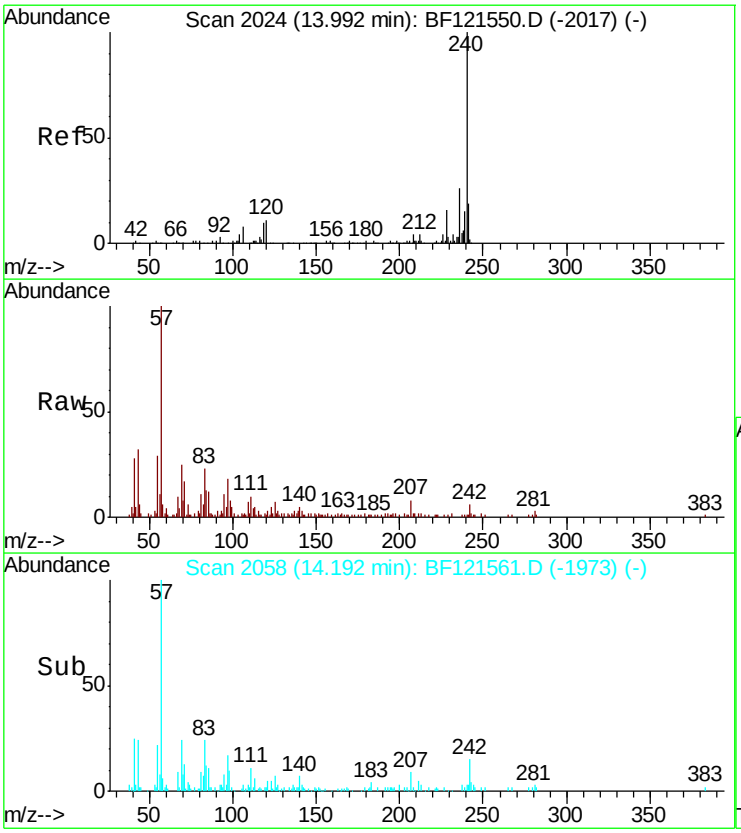
#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 11.35 min

Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	10.9
80	11.6

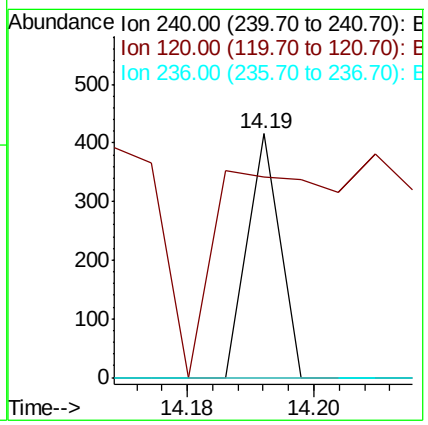
Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

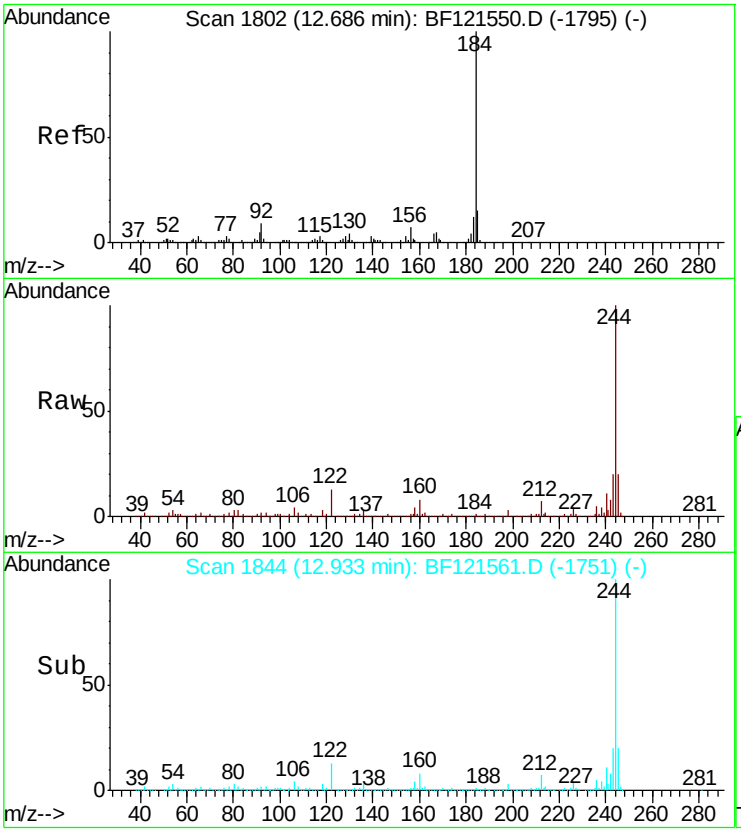


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.20 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:240 Resp: 147

Ion	Ratio	Lower	Upper
240	100		
120	82.2	9.2	13.8#
236	0.0	20.5	30.7#



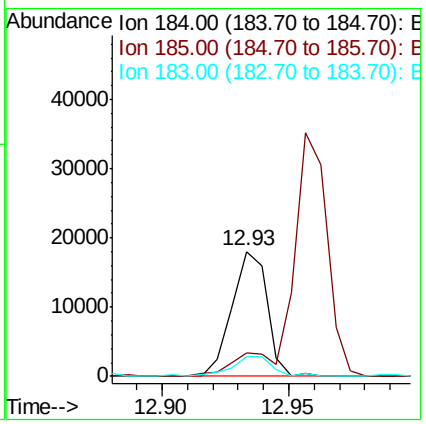


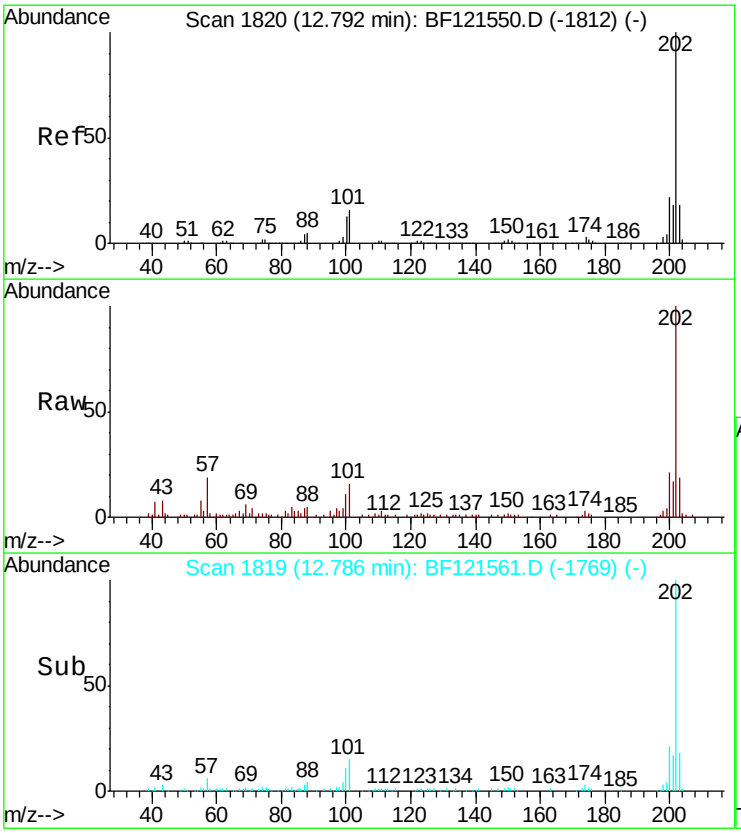
#77
Benzidine
Concen: 3555.256 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.25 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:184 Resp: 17326

Ion	Ratio	Lower	Upper
184	100		
185	19.0	12.0	18.0#
183	15.5	9.5	14.3#

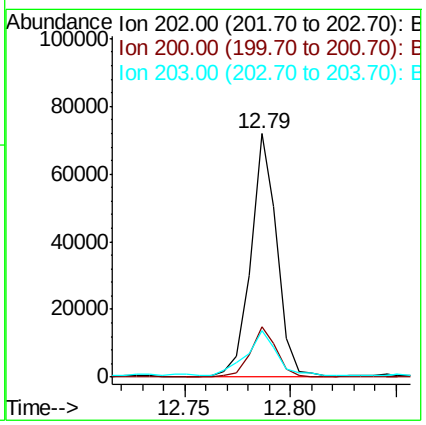


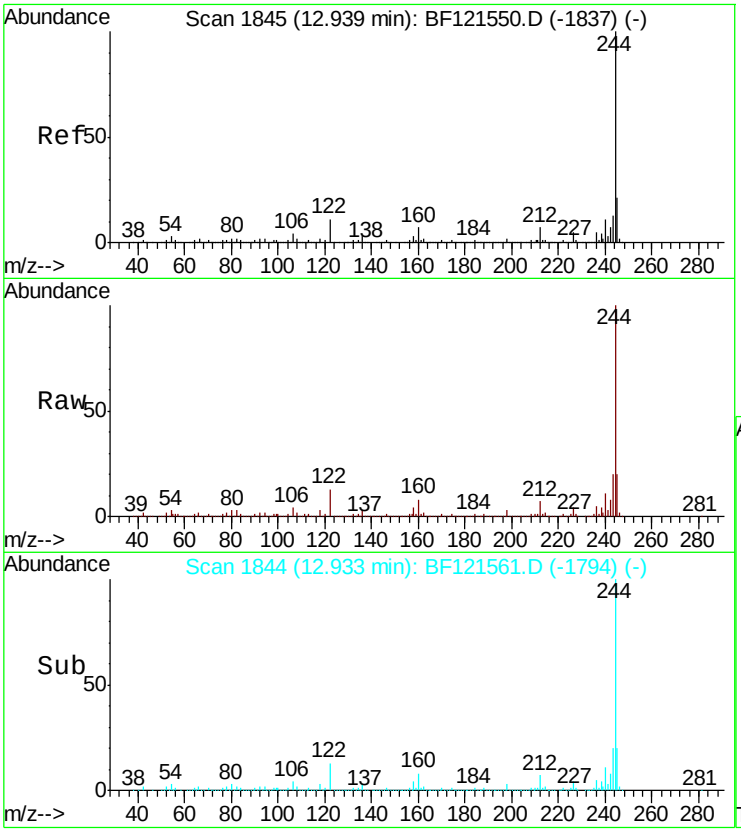


#78
Pyrene
Concen: 5768.945 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:202 Resp: 61960

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.8
203	19.0	14.6	22.0



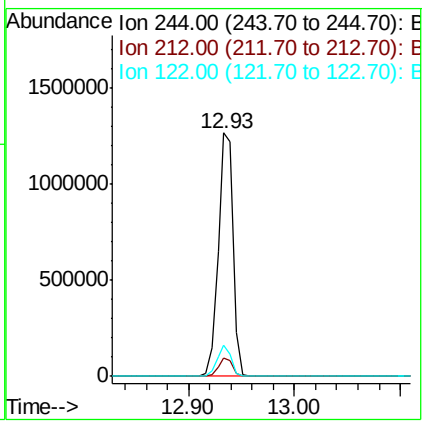


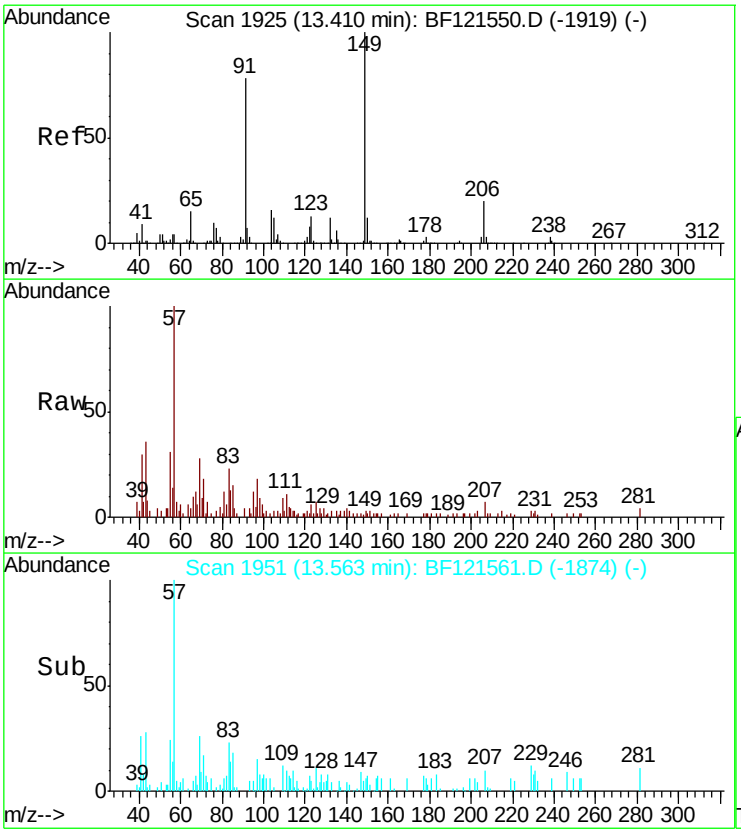
#79
Terphenyl-d14
Concen: 172498.177 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:244 Resp: 1251651

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	13.0	8.7	13.1

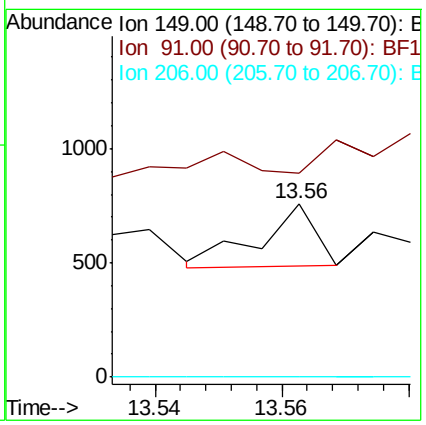


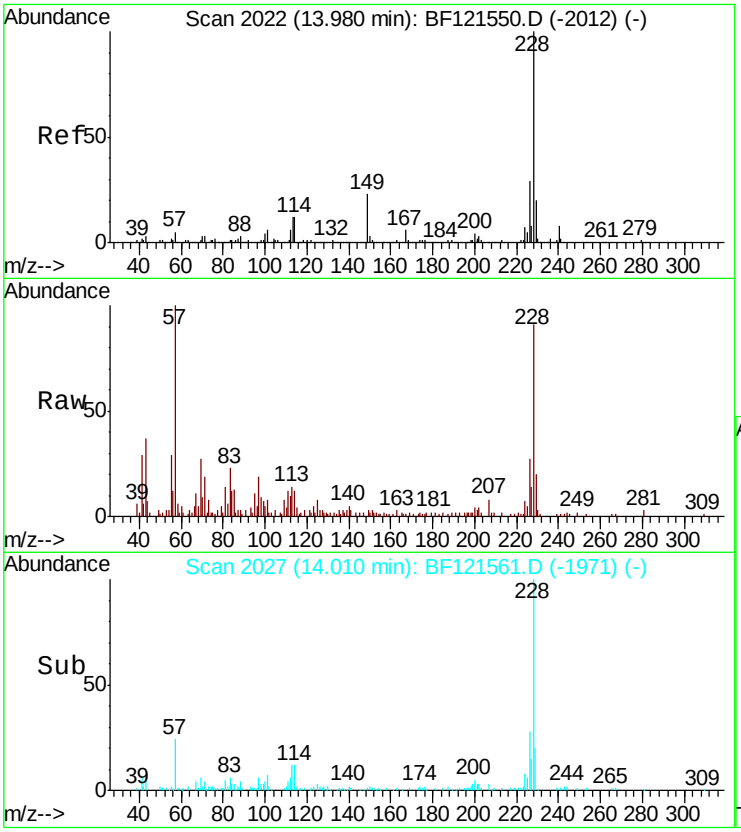


#80
Butylbenzylphthalate
Concen: 37.986 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.15 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:149 Resp: 165

Ion	Ratio	Lower	Upper
149	100		
91	117.9	62.6	94.0#
206	0.0	15.8	23.6#



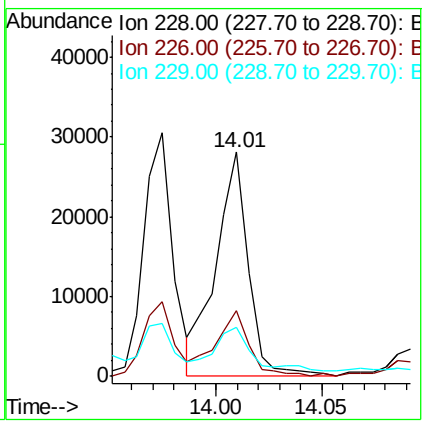


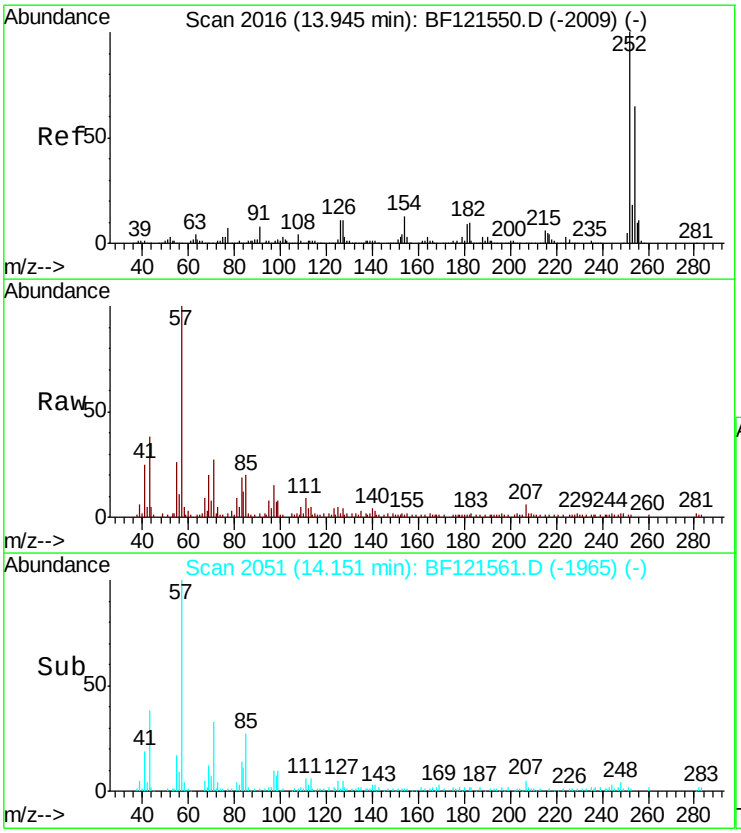
#81
Benzo(a)anthracene
Concen: 3225.609 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.03 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:228 Resp: 29998

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.9	34.3
229	22.0	16.3	24.5

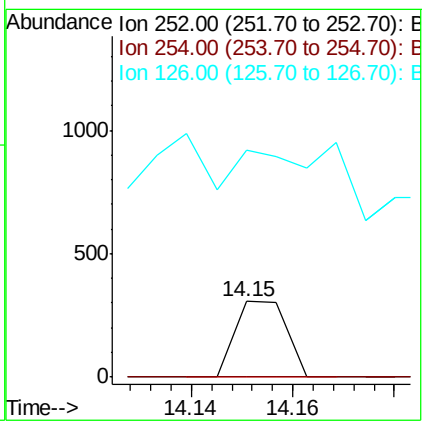


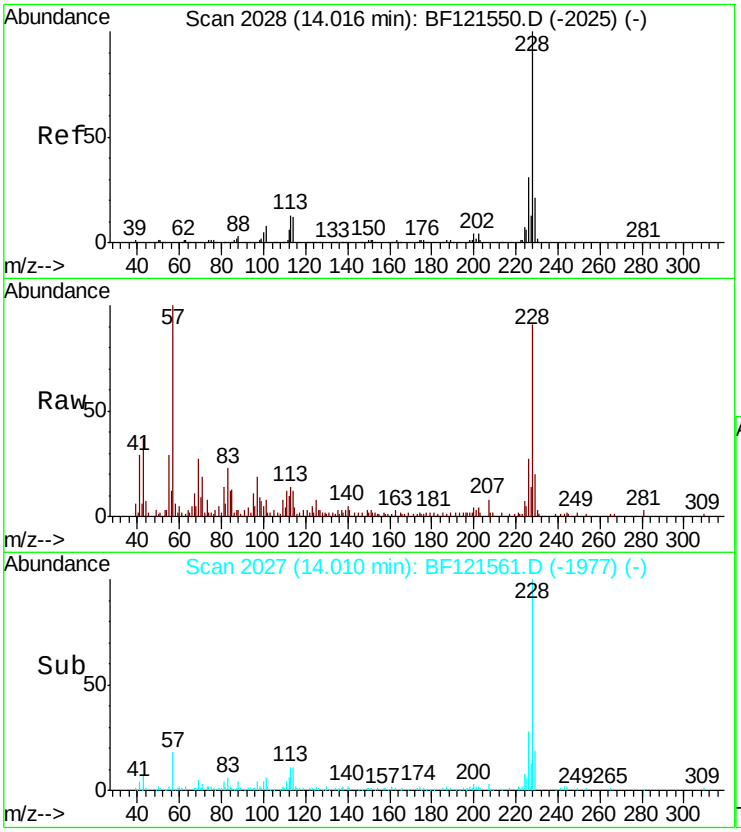


#82
3,3'-Dichlorobenzidine
Concen: 59.217 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.21 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:252 Resp: 215

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.3	78.5#
126	301.3	9.1	13.7#



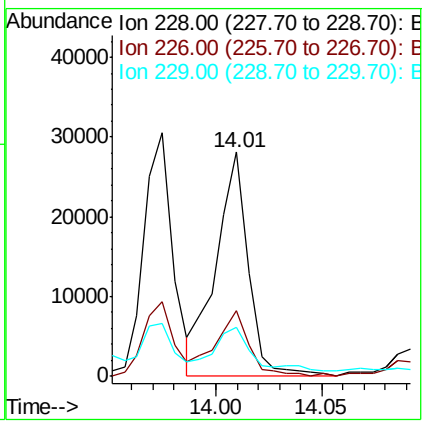


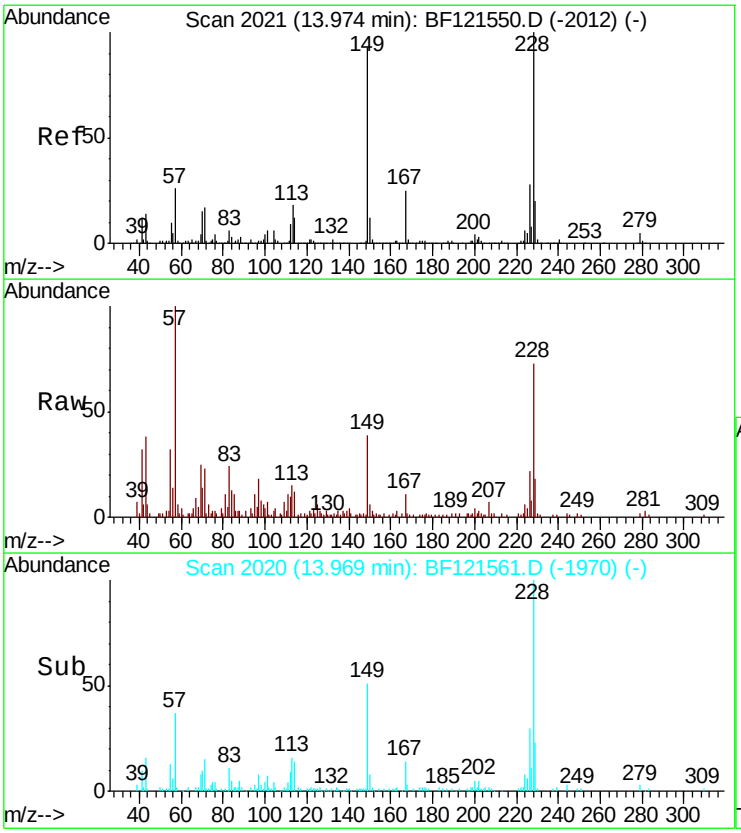
#83
Chrysene
Concen: 3185.375 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:228 Resp: 29998

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.1	37.7
229	22.0	16.6	25.0

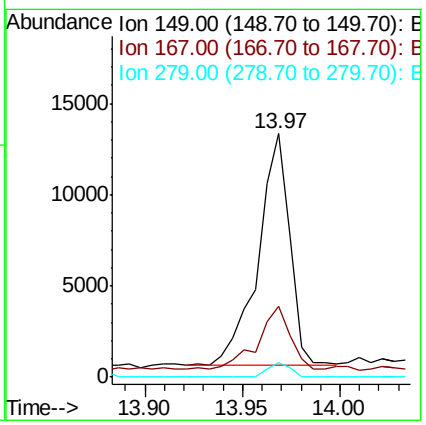


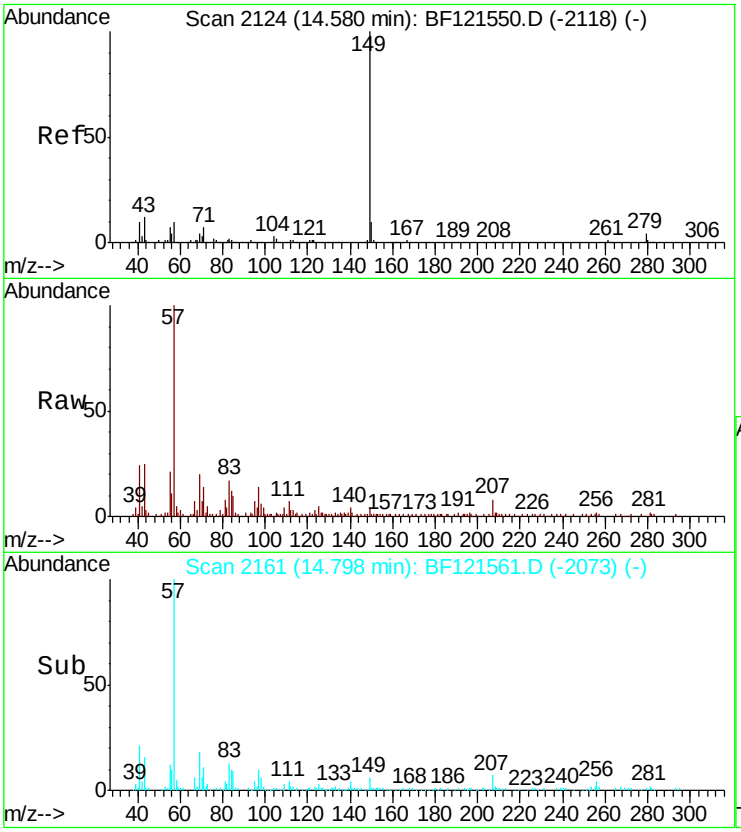


#84
Bis(2-ethylhexyl)phthalate
Concen: 2444.316 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:149 Resp: 14184

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.6	32.4
279	5.9	4.1	6.1



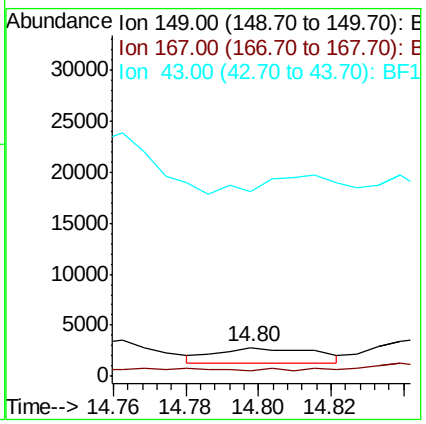


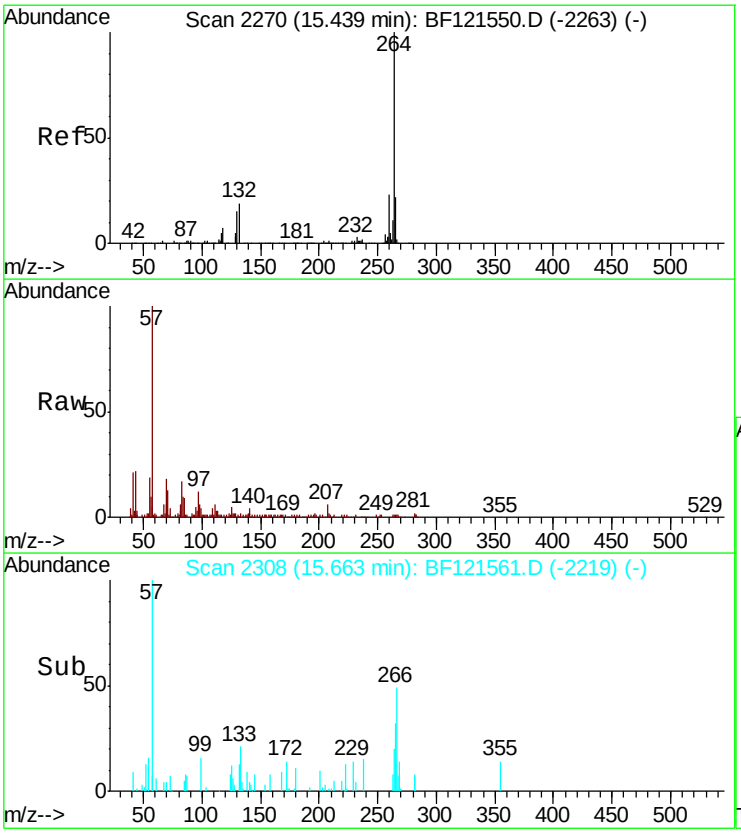
#85
Di-n-octyl phthalate
Concen: 283.081 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.22 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:149 Resp: 2899

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	63.0	9.4	14.0#

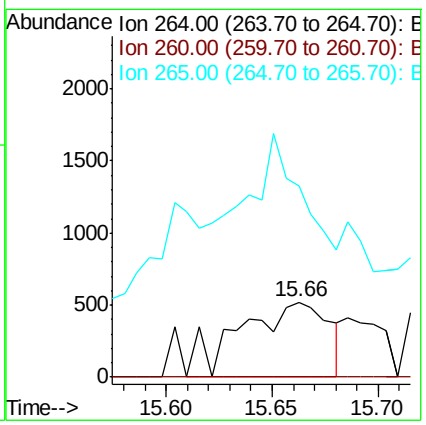


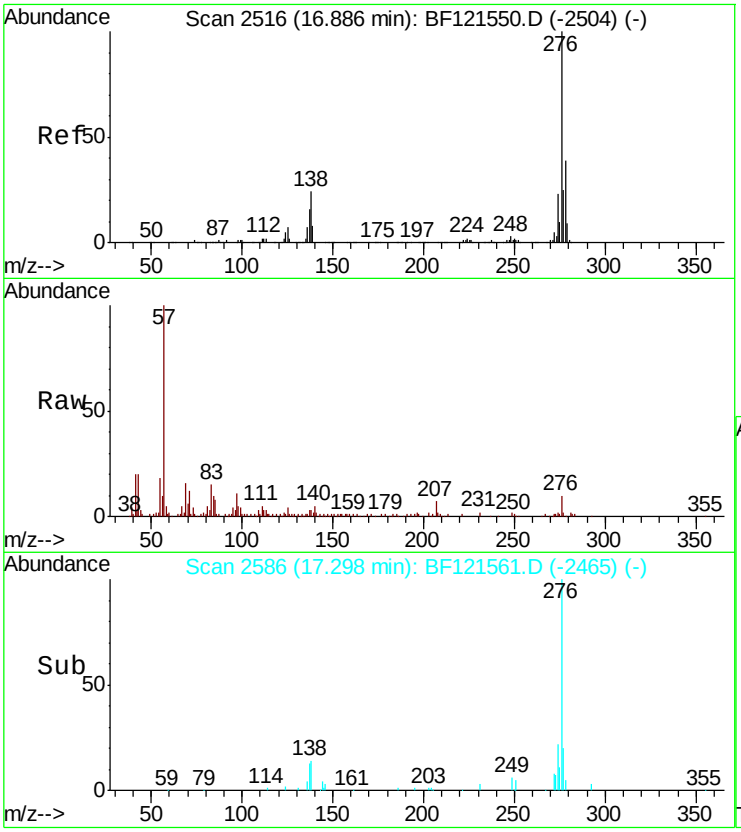


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.22 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:264 Resp: 1539

Ion	Ratio	Lower	Upper
264	100		
260	0.0	18.8	28.2#
265	254.8	17.8	26.6#



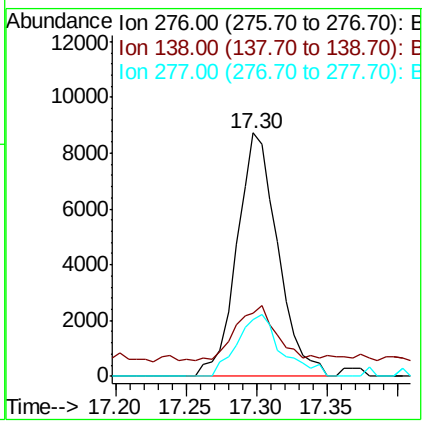


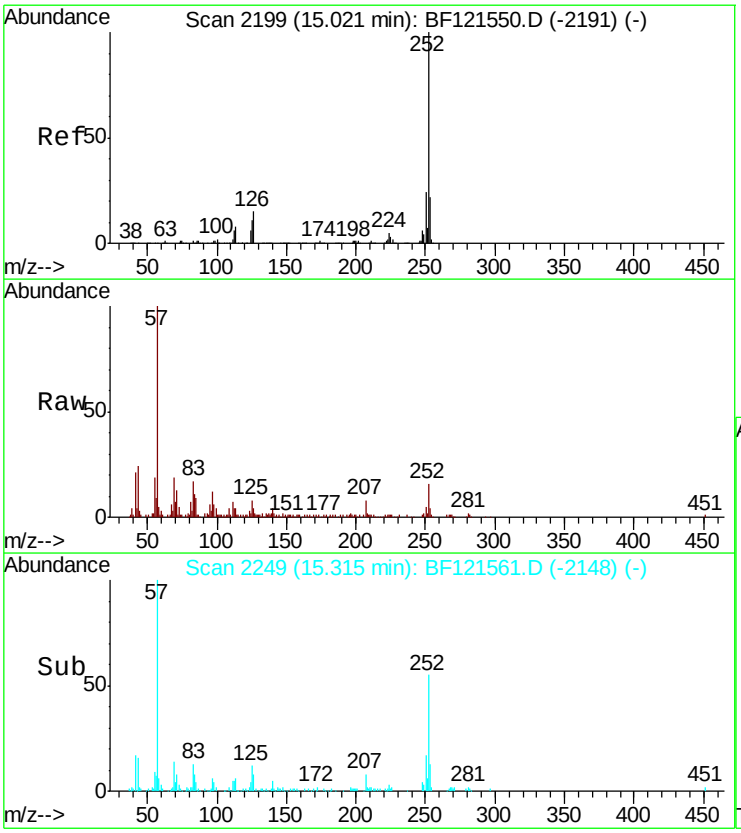
#87
Indeno(1,2,3-cd)pyrene
Concen: 175.636 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.41 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:276 Resp: 17603

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.6	31.0
277	27.6	20.2	30.4

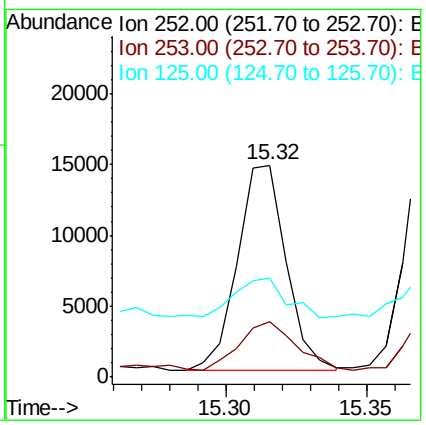


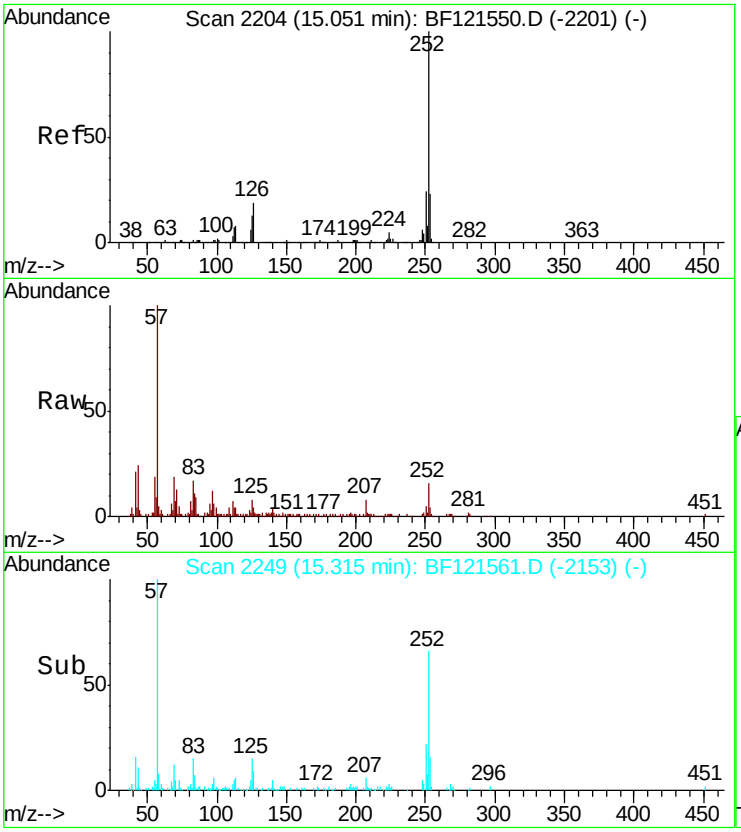


#88
Benzo(b)fluoranthene
Concen: 168.948 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.29 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:252 Resp: 17382

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	46.5	9.2	13.8#



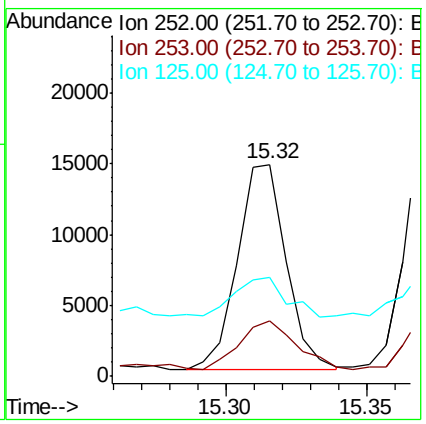


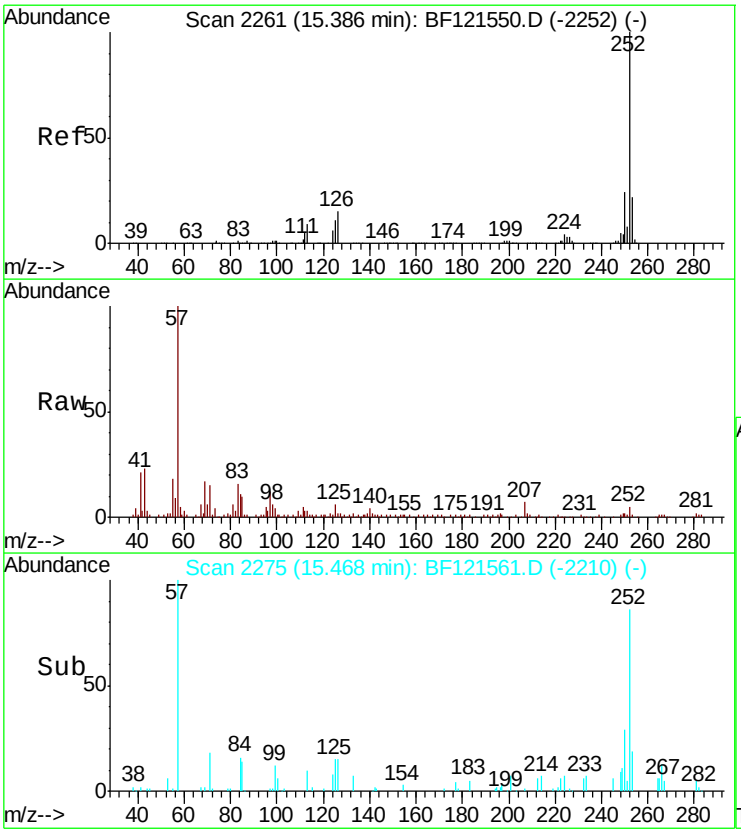
#89
Benzo(k)fluoranthene
Concen: 184.493 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.26 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:252 Resp: 17382

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.8
125	46.5	9.8	14.6#

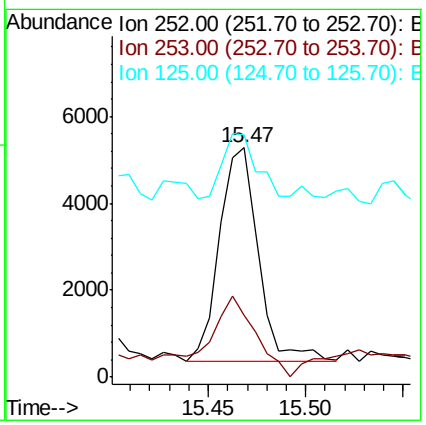


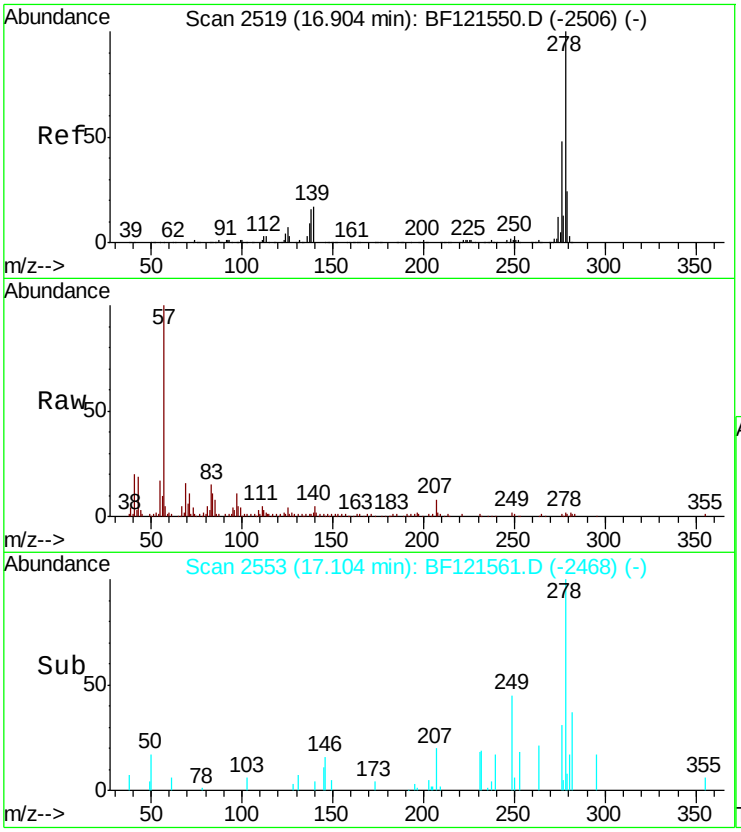


#90
Benzo(a)pyrene
Concen: 78.315 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.08 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:252 Resp: 6849

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.5	26.3#
125	105.5	9.0	13.4#



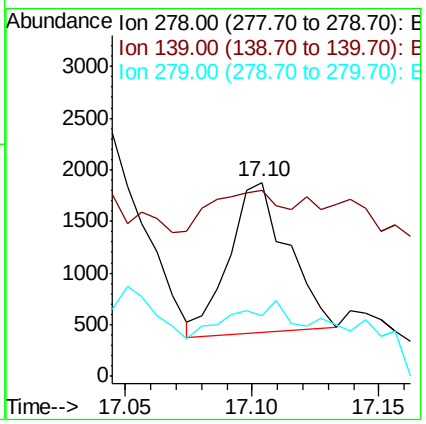


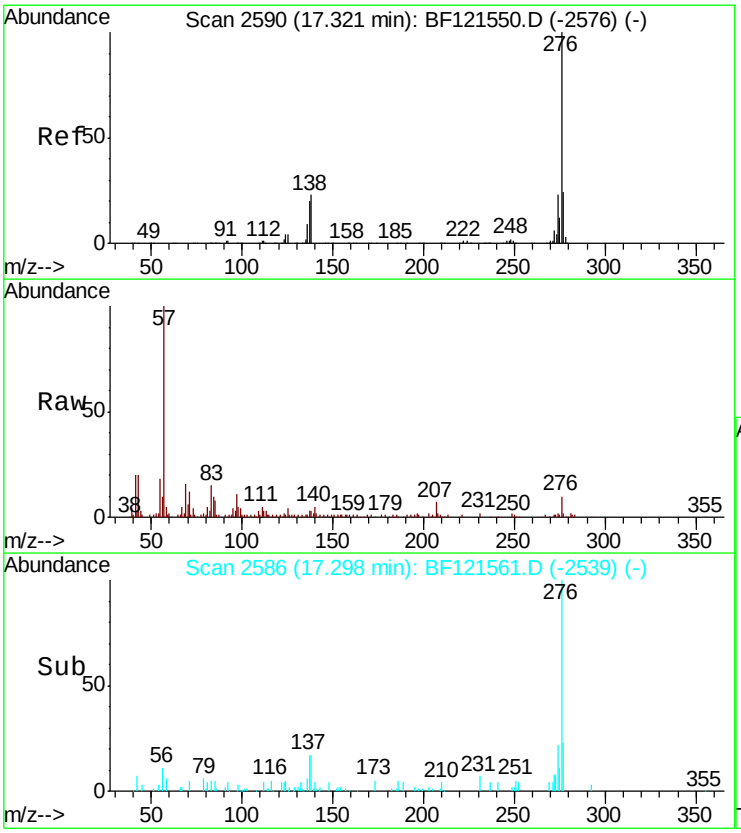
#91
Dibenzo(a,h)anthracene
Concen: 28.035 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.20 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Instrument :
BNA_F
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:278 Resp: 2339

Ion	Ratio	Lower	Upper
278	100		
139	96.0	13.9	20.9#
279	31.0	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 196.538 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.02 min
Lab File: BF121561.D
Acq: 14 Sep 2020 15:30

Tgt Ion:276 Resp: 16118

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	26.1	18.7	28.1