Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121751.D
Acq On : 30 Sep 2020 21:37
Operator : JU/CG
Sample : L4190-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B14-092920-0-10

Quant Time: Oct 01 00:37:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	166892	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	648683	20.00	ng		-0.01
39) Acenaphthene-d10	9.81	164	340322	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	598729	20.00	ng		-0.01
76) Chrysene-d12	13.93	240	386831	20.00	ng		-0.01
86) Perylene-d12	15.37	264	343570	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	932061	83.00	ng		0.00
7) Phenol-d6	6.42	99	1205016	81.79	ng		-0.01
23) Nitrobenzene-d5	7.34	82	840655	69.58	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	372969	88.18	ng		-0.01
45) 2-Fluorobiphenyl	9.14	172	1469664	65.40	ng		-0.01
79) Terphenyl-d14	12.89	244	1352142	70.81	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	112080	13.200	ng	#	78
25) Isophorone	7.34	82	828762	34.077	ng	#	66
31) Naphthalene	8.08	128	80023	2.337	ng		99
32) Benzoic acid	7.85	122	2671	7.218	ng	#	22
50) Dimethylphthalate	9.53	163	152106	6.167	ng		99
52) Acenaphthene	9.85	154	82245	3.947	ng		99
55) Dibenzofuran	10.02	168	76144	2.595	ng		97
56) 4-Nitrophenol	10.02	139	28215	5.814	ng	#	9
57) 2,4-Dinitrotoluene	9.81	165	45130	6.829	ng	#	23
58) Fluorene	10.36	166	80289	3.578	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	568	6.985	ng	#	1
67) 4-Bromophenyl-phenylether	10.60	248	21562	3.163	ng	#	1
71) Phenanthrene	11.32	178	577990	17.718	ng		99
72) Anthracene	11.37	178	172604	5.127	ng		98
75) Fluoranthene	12.51	202	461511	13.253	ng		99
78) Pyrene	12.73	202	370329	13.103	ng		100
81) Benzo(a)anthracene	13.92	228	135905	5.553	ng		98
83) Chrysene	13.96	228	118339	4.775	ng		96
87) Indeno(1,2,3-cd)pyrene	16.78	276	53531	2.393	ng		96
88) Benzo(b)fluoranthene	14.96	252	152775	6.652	ng	#	94
89) Benzo(k)fluoranthene	14.96	252	152775	7.264	ng	#	95
90) Benzo(a)pyrene	15.31	252	91890	4.707	ng		96
92) Benzo(g,h,i)perylene	17.20	276	56010	3.059	ng		98

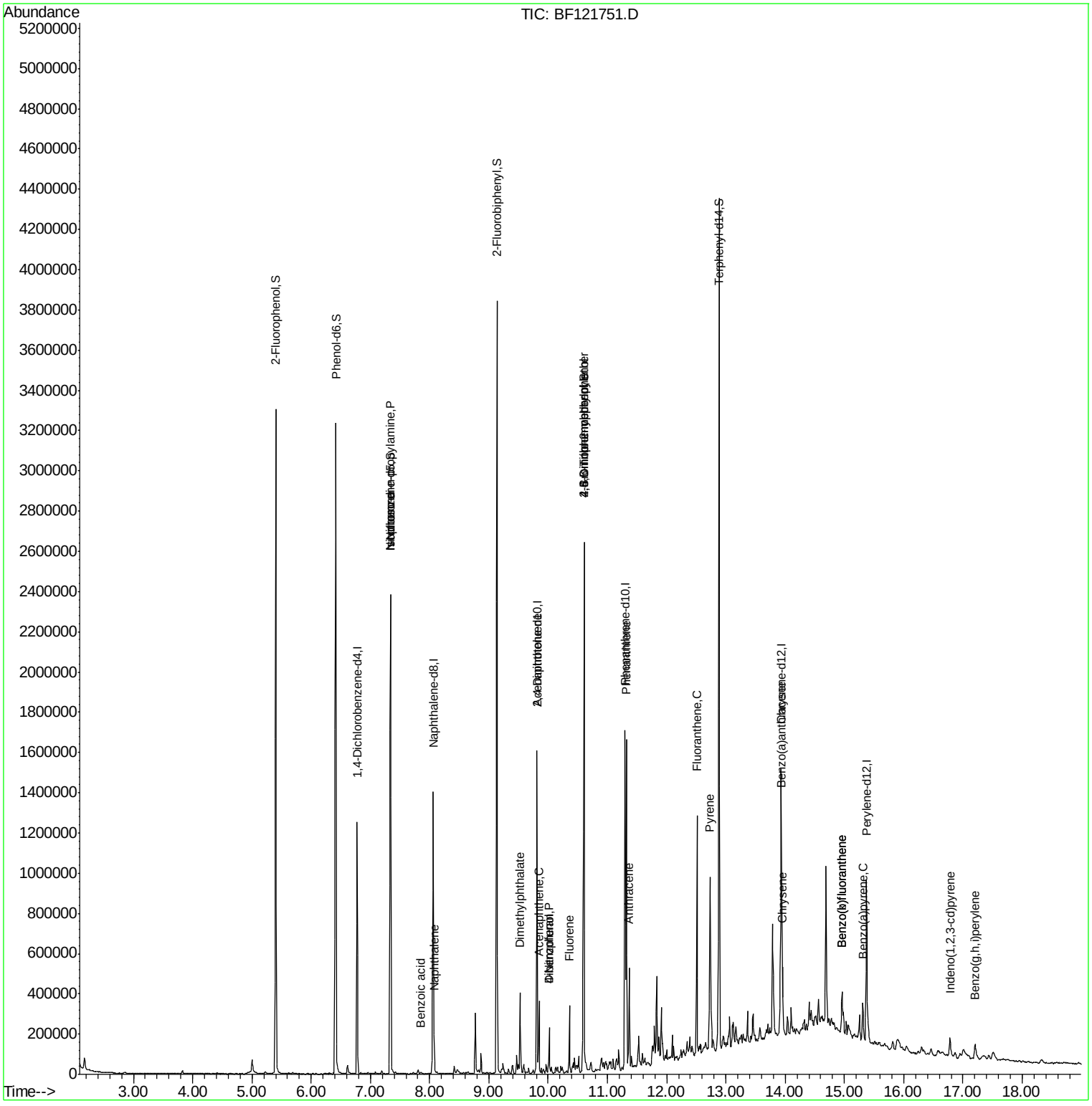
(#) = qualifier out of range (m) = manual integration (+) = signals summed

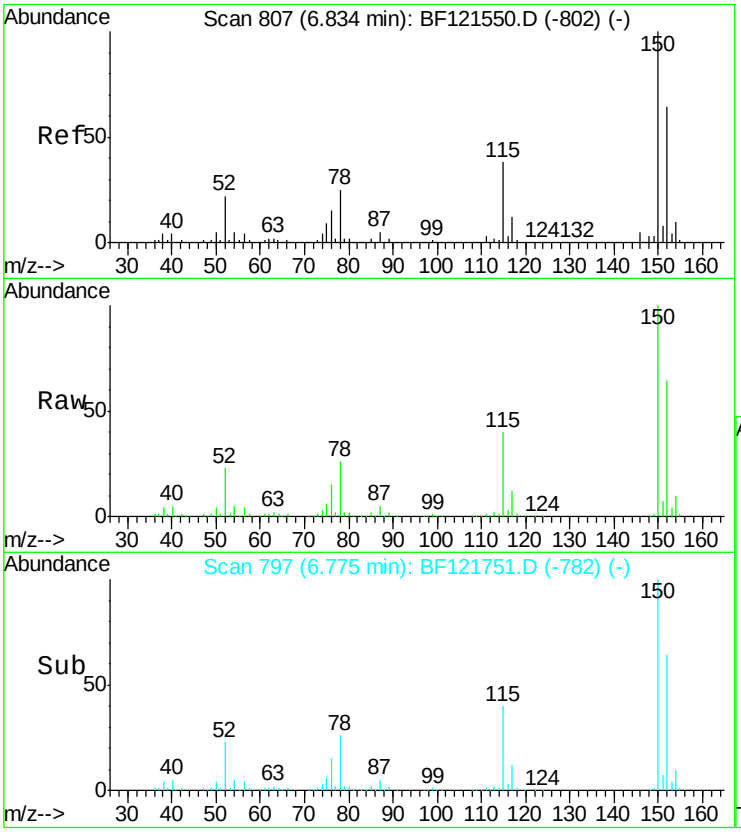
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121751.D
Acq On : 30 Sep 2020 21:37
Operator : JU/CG
Sample : L4190-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Quant Time: Oct 01 00:37:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration



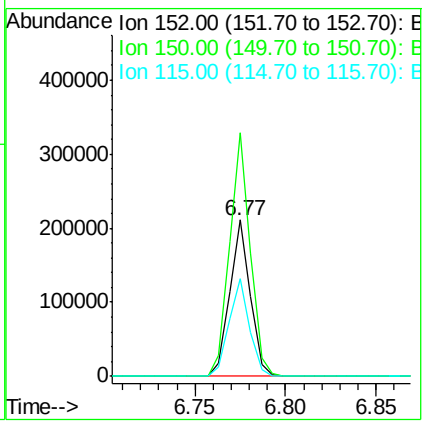


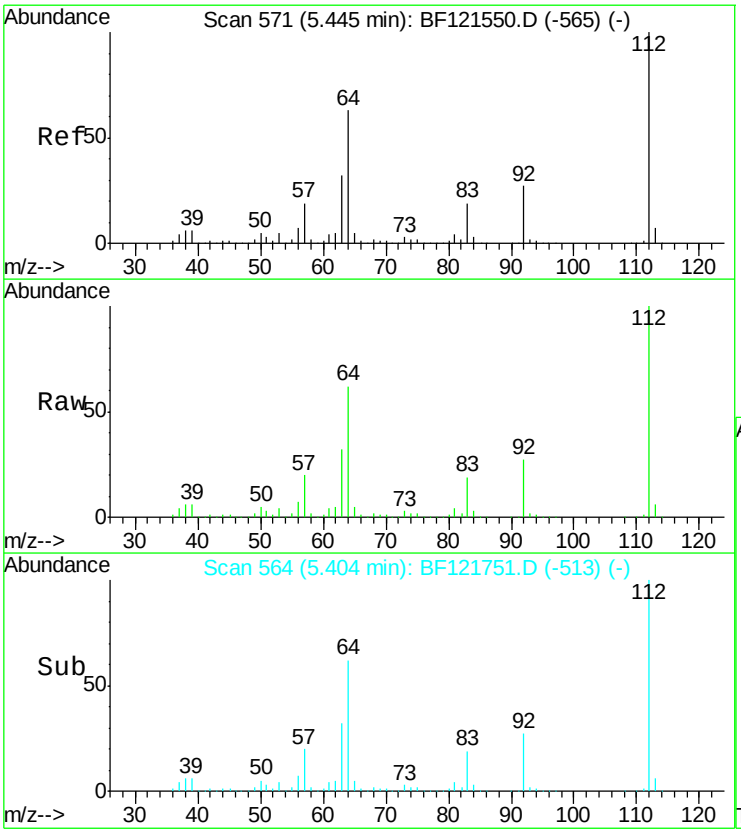
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:152 Resp: 166892

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.8	188.8
115	62.9	49.6	74.4

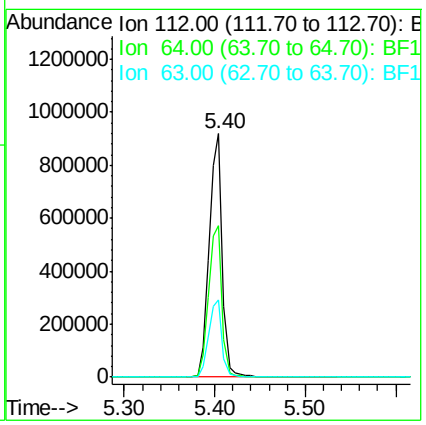


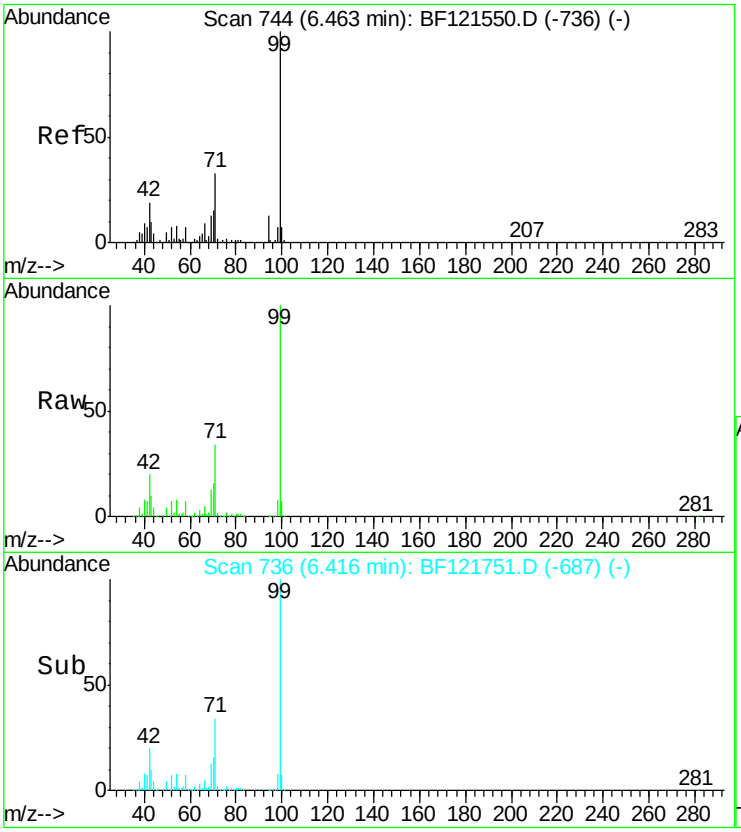


#5
2-Fluorophenol
Concen: 82.997 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:112 Resp: 932061

Ion	Ratio	Lower	Upper
112	100		
64	62.3	51.2	76.8
63	31.9	25.9	38.9



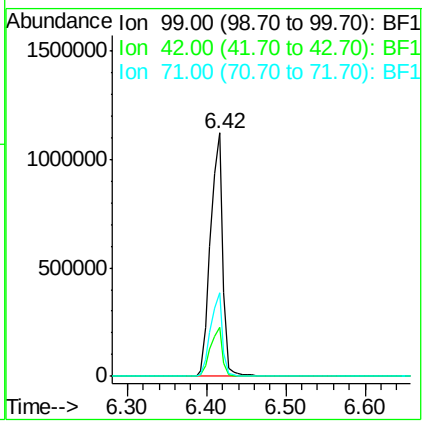


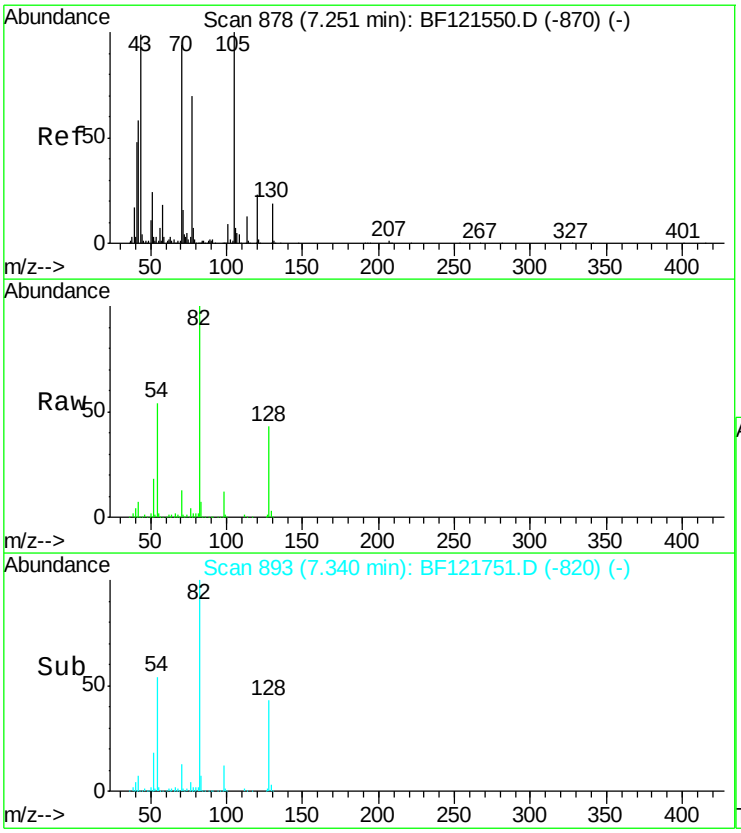
#7
Phenol-d6
Concen: 81.790 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion: 99 Resp: 1205016

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.5	24.7
71	34.3	27.8	41.6

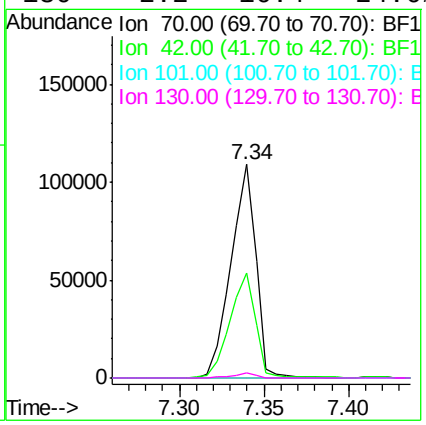


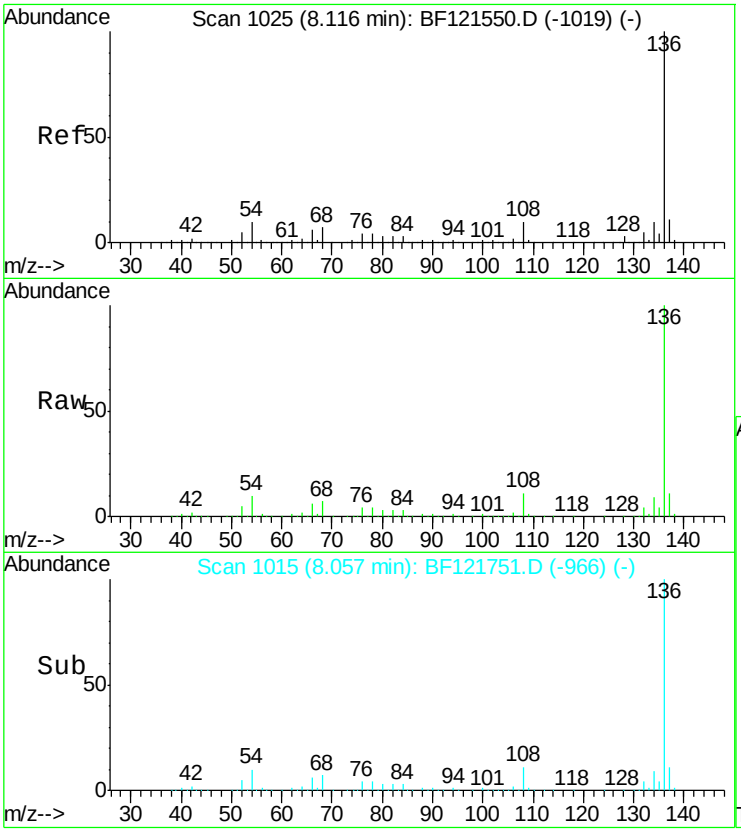


#19
n-Nitroso-di-n-propylamine
Concen: 13.200 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.13 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion: 70 Resp: 112080

Ion	Ratio	Lower	Upper
70	100		
42	49.2	48.6	73.0
101	0.0	7.5	11.3#
130	2.2	16.4	24.6#



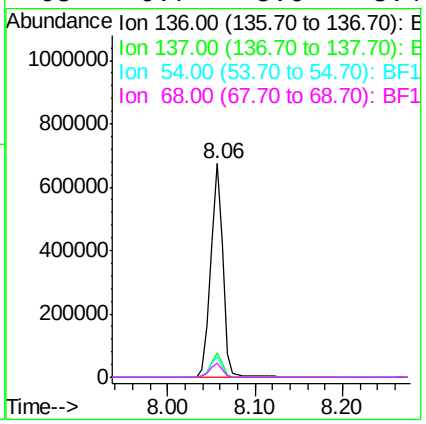


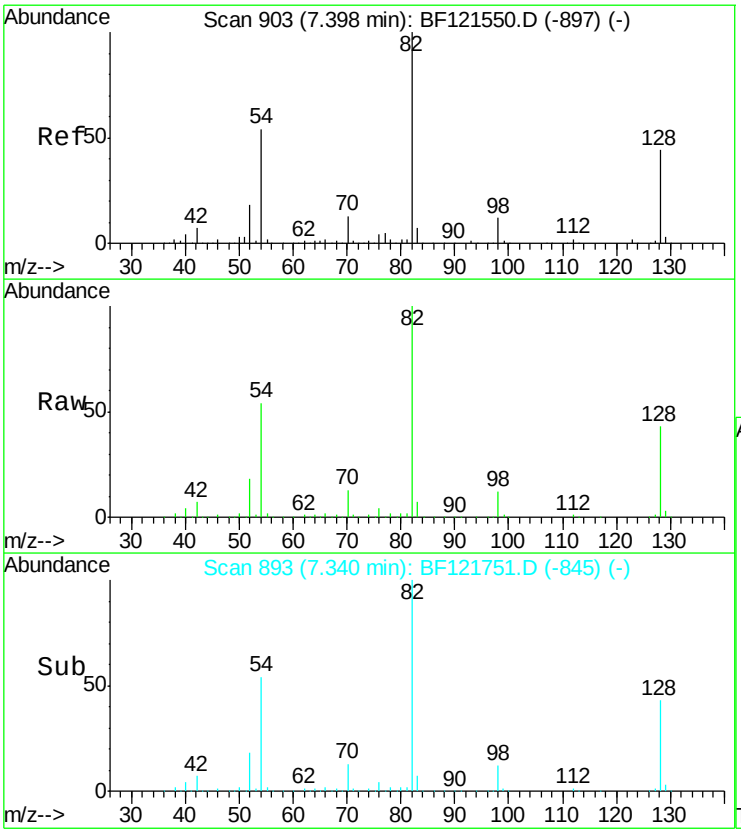
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:136 Resp: 648683

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.6	7.8	11.8
68	6.7	5.6	8.4

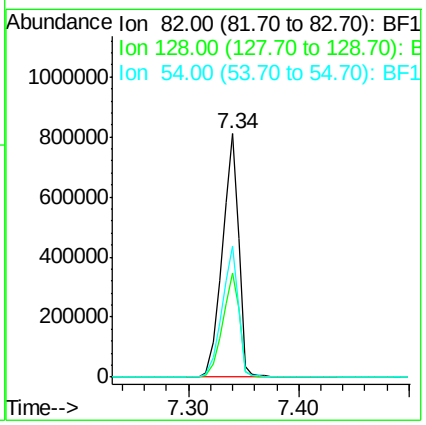


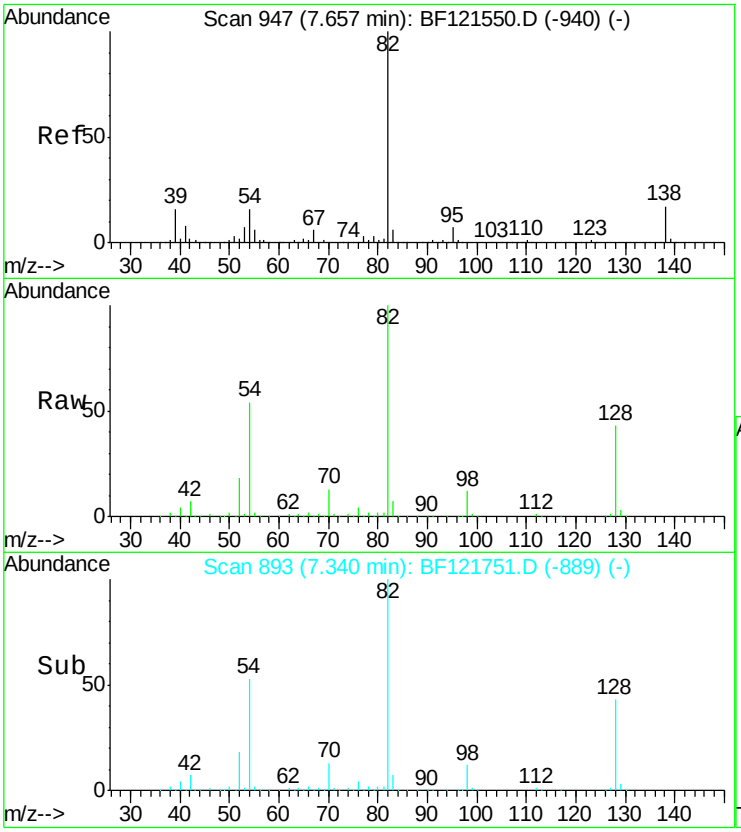


#23
Nitrobenzene-d5
Concen: 69.581 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion: 82 Resp: 840655

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.0	52.4
54	53.7	42.5	63.7



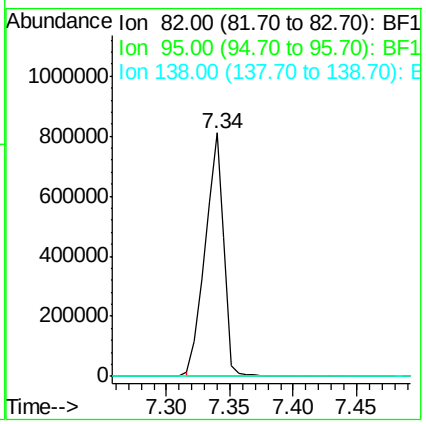


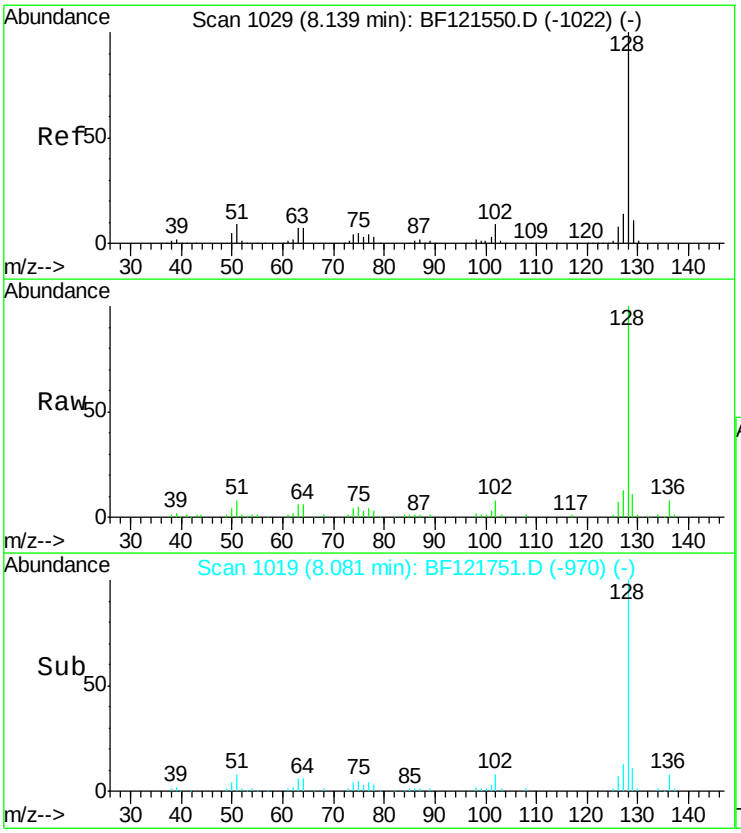
#25
Isophorone
Concen: 34.077 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.28 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion: 82 Resp: 828762

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.9	20.9#

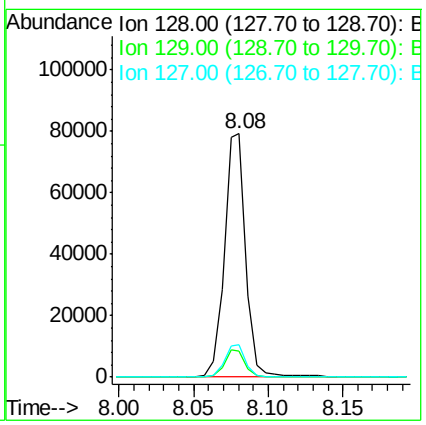


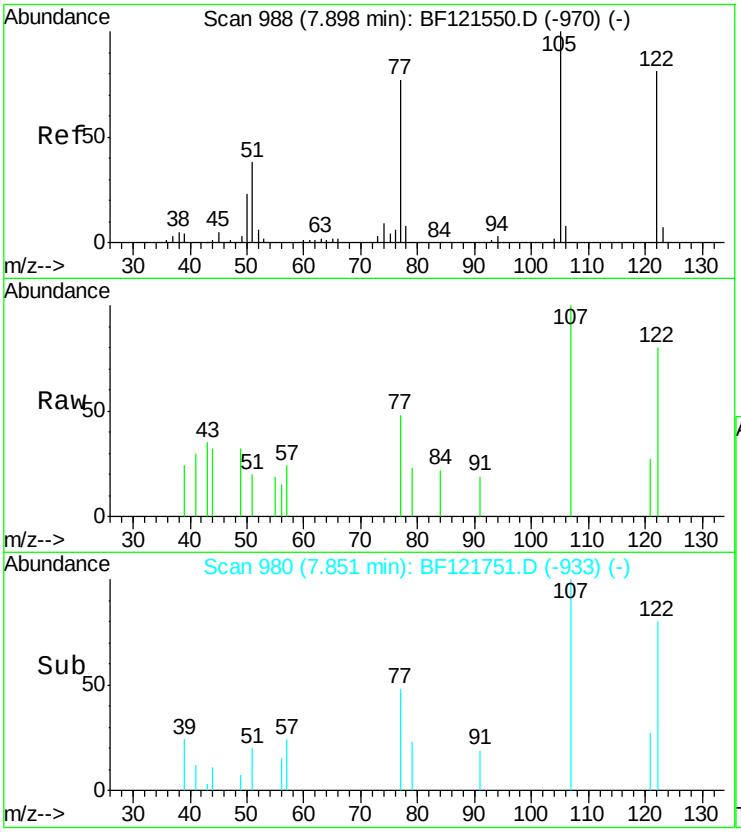


#31
Naphthalene
Concen: 2.337 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:128 Resp: 80023

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	13.4	10.9	16.3



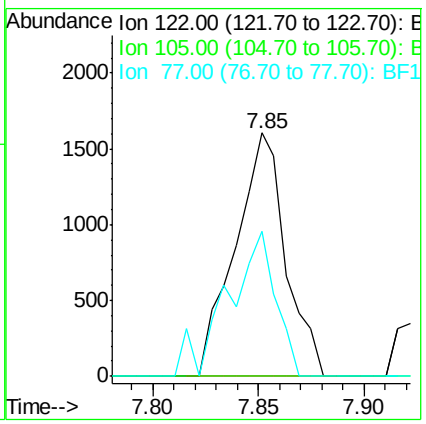


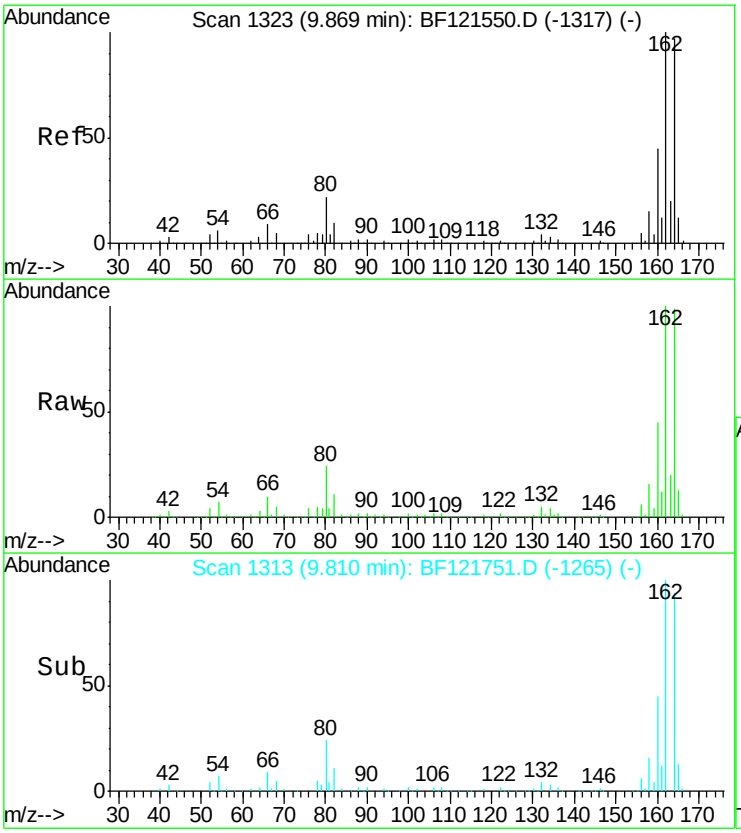
#32
Benzoic acid
Concen: 7.218 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:122 Resp: 2671

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.8	143.8#
77	59.7	75.8	115.8#

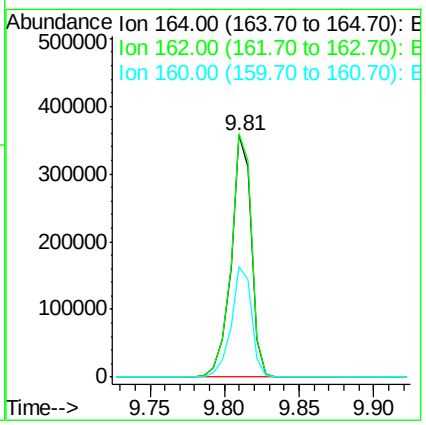


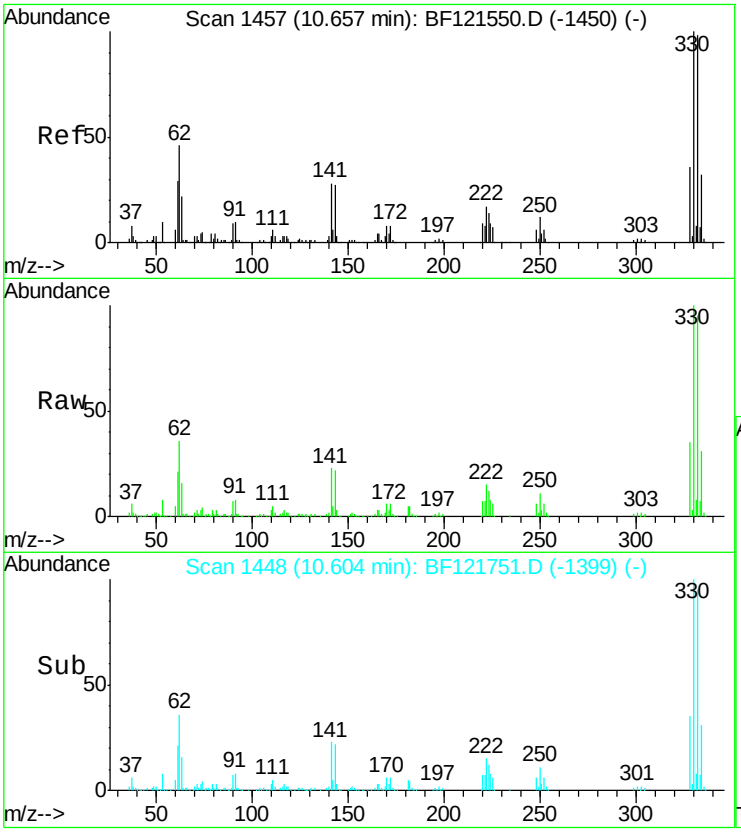


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:164 Resp: 340322

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	121.0
160	45.6	36.9	55.3



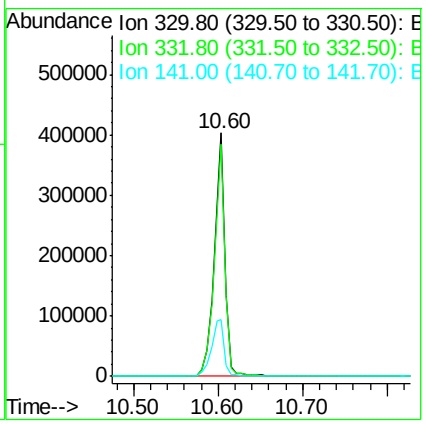


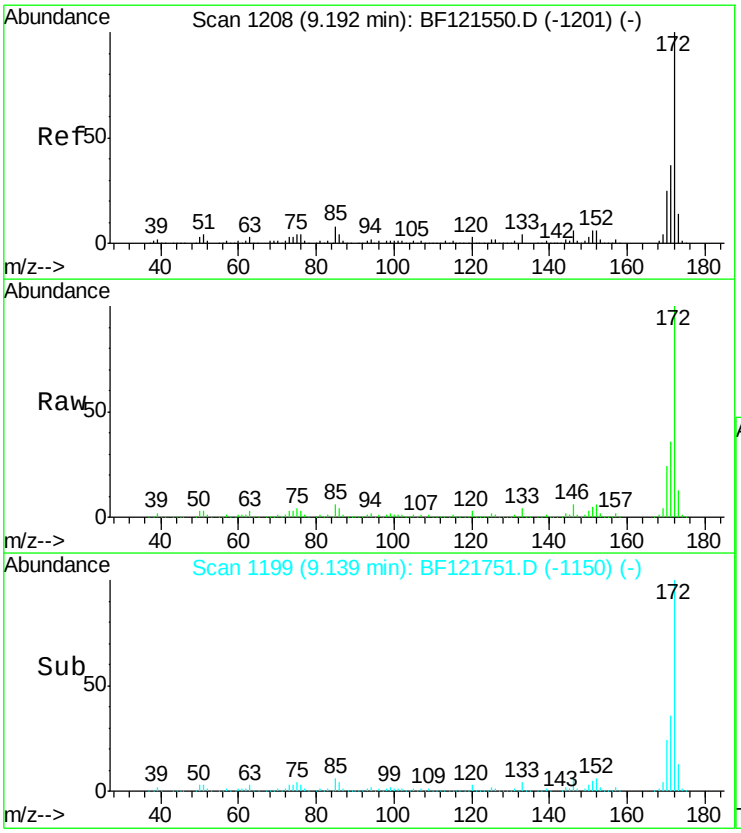
#42
2,4,6-Tribromophenol
Concen: 88.178 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:330 Resp: 372969

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	28.0	22.9	34.3

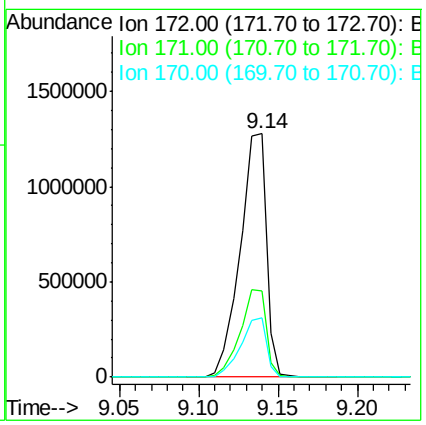


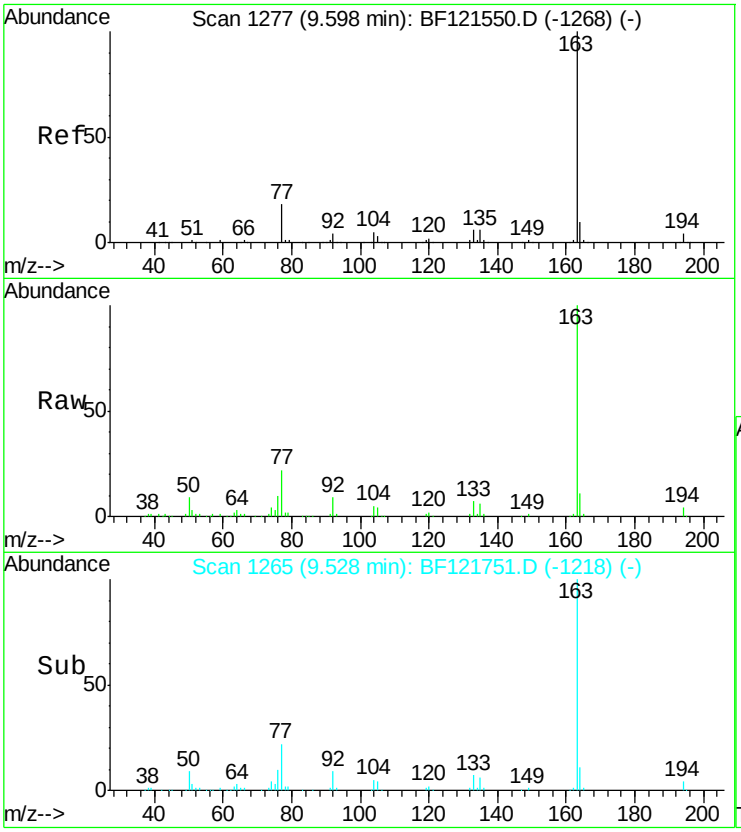


#45
2-Fluorobiphenyl
Concen: 65.404 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:172 Resp: 1469664

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.1	19.7	29.5



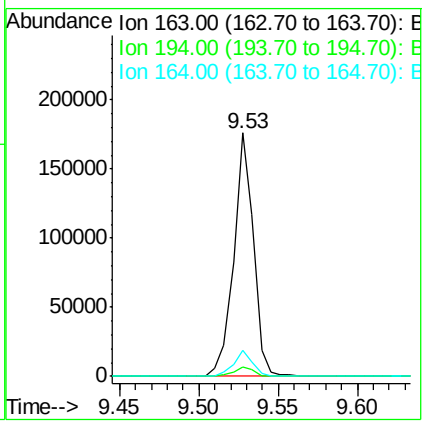


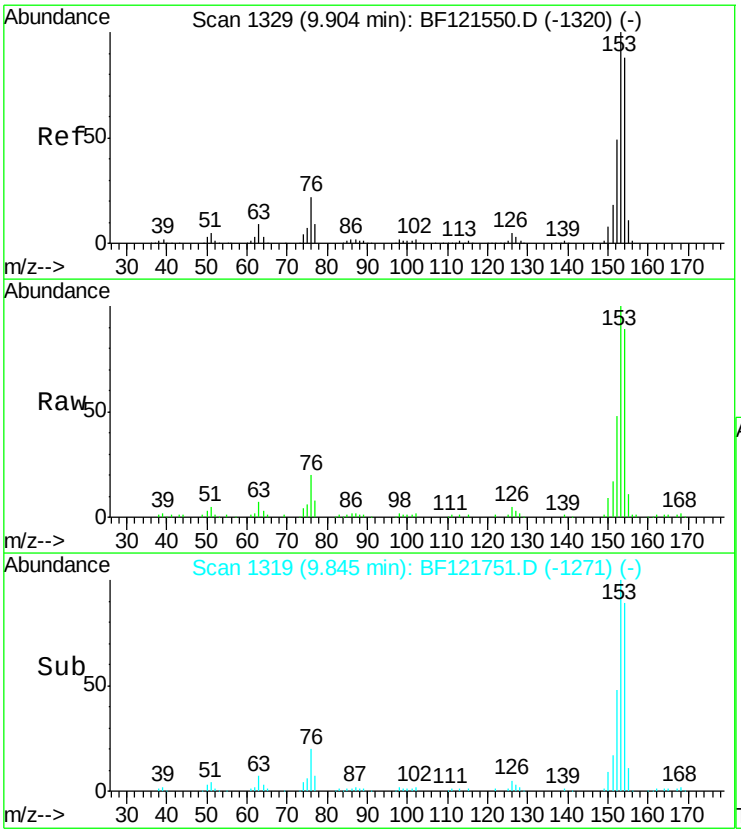
#50
Dimethylphthalate
Concen: 6.167 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:163 Resp: 152106

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.9	8.5	12.7

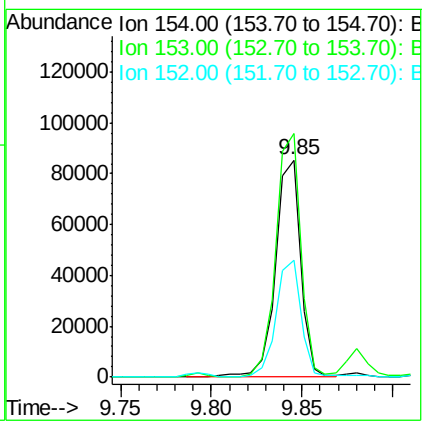


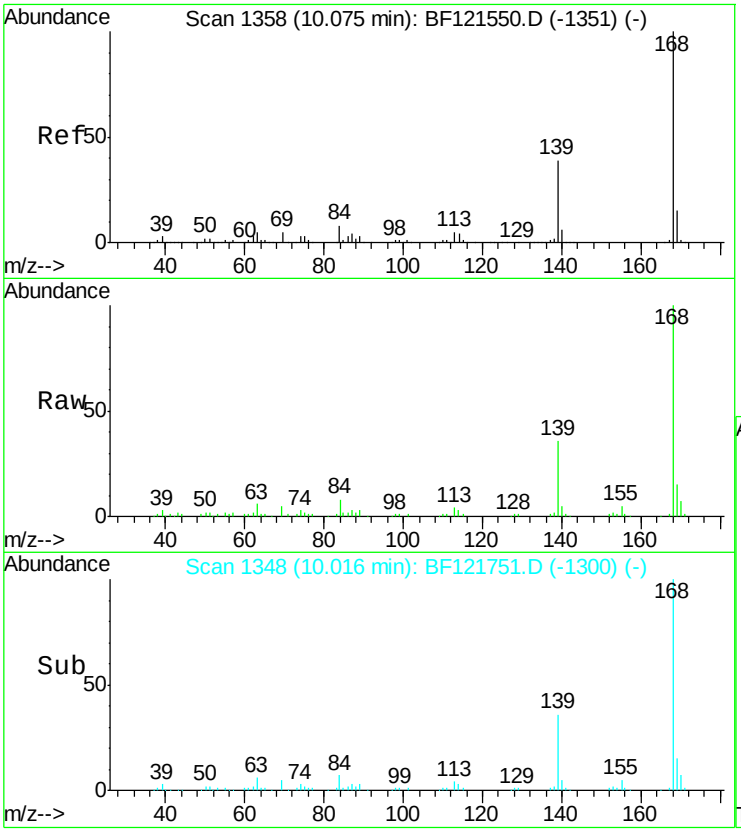


#52
Acenaphthene
Concen: 3.947 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:154 Resp: 82245

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.7	136.1
152	53.7	43.9	65.9



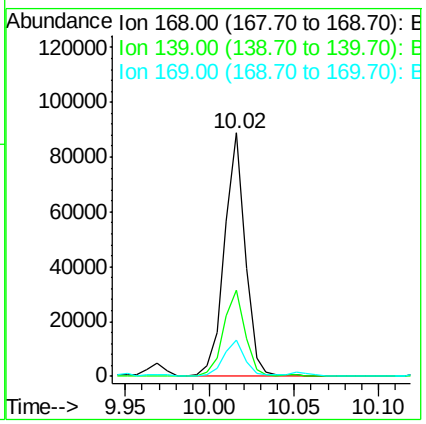


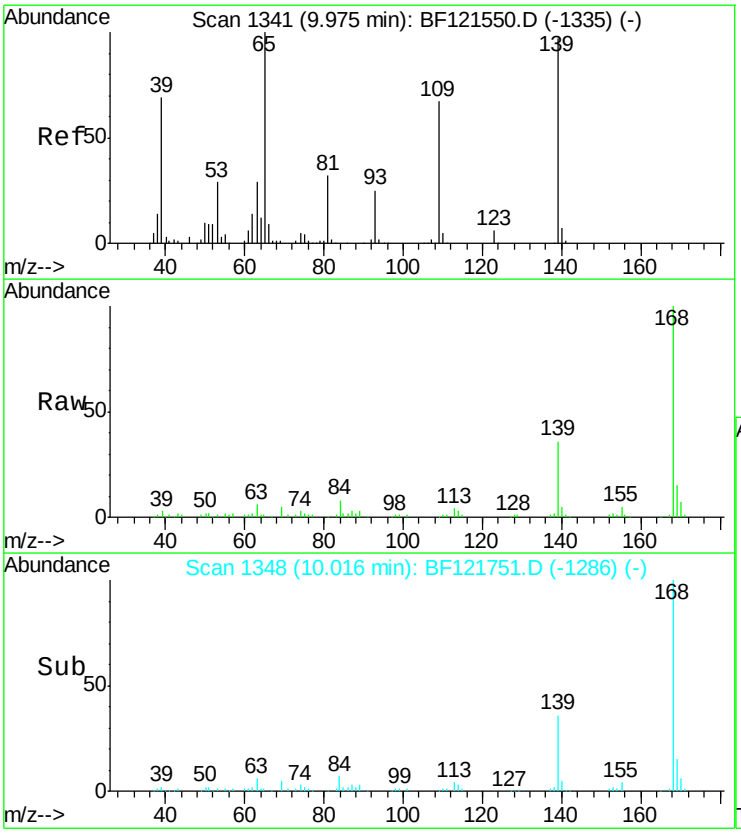
#55
Dibenzofuran
Concen: 2.595 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:168 Resp: 76144

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.3	45.5
169	14.6	11.2	16.8

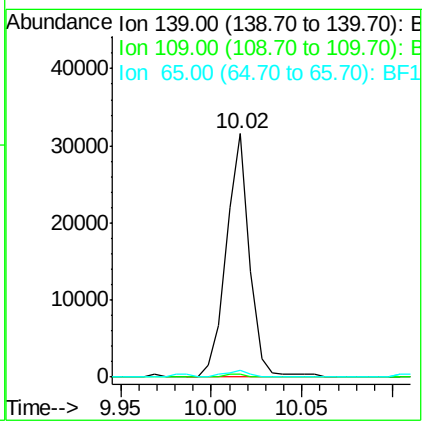


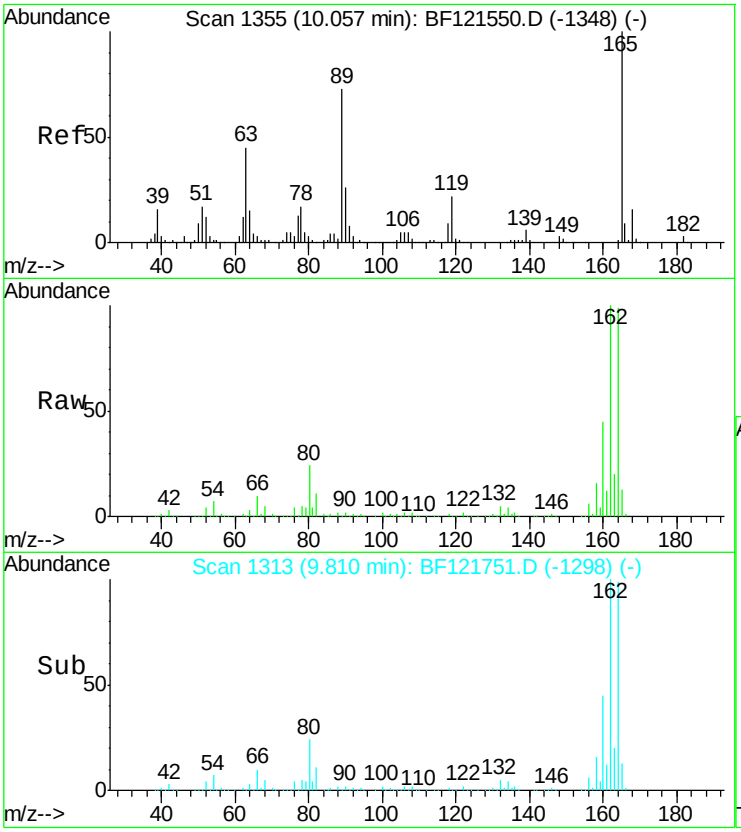


#56
4-Nitrophenol
Concen: 5.814 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.06 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:139 Resp: 28215

Ion	Ratio	Lower	Upper
139	100		
109	1.1	48.4	88.4#
65	2.6	77.7	117.7#



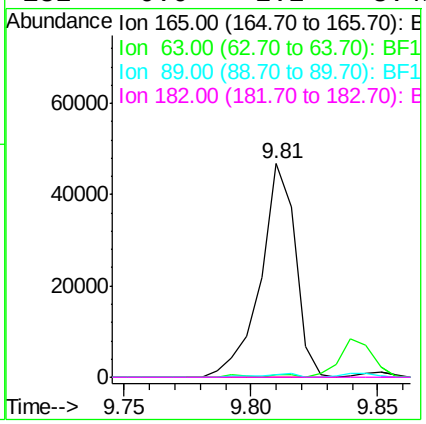


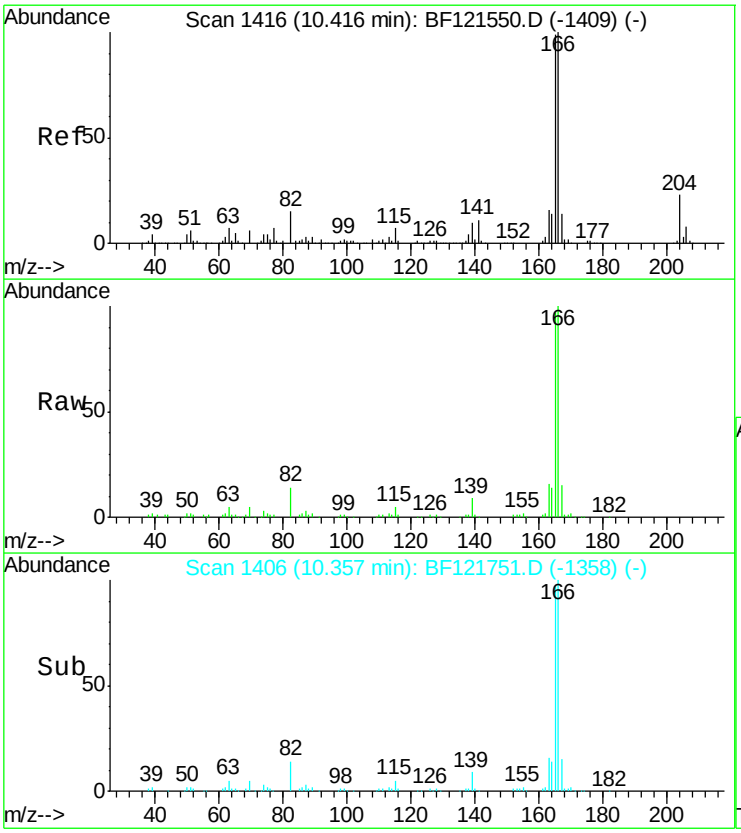
#57
2,4-Dinitrotoluene
Concen: 6.829 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.21 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:165 Resp: 45130

Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.0	58.6#
89	1.4	57.5	86.3#
182	0.0	2.2	3.4#

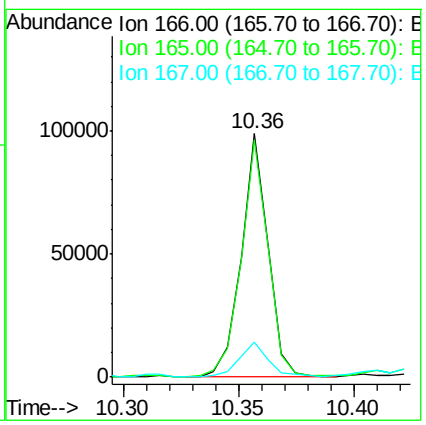


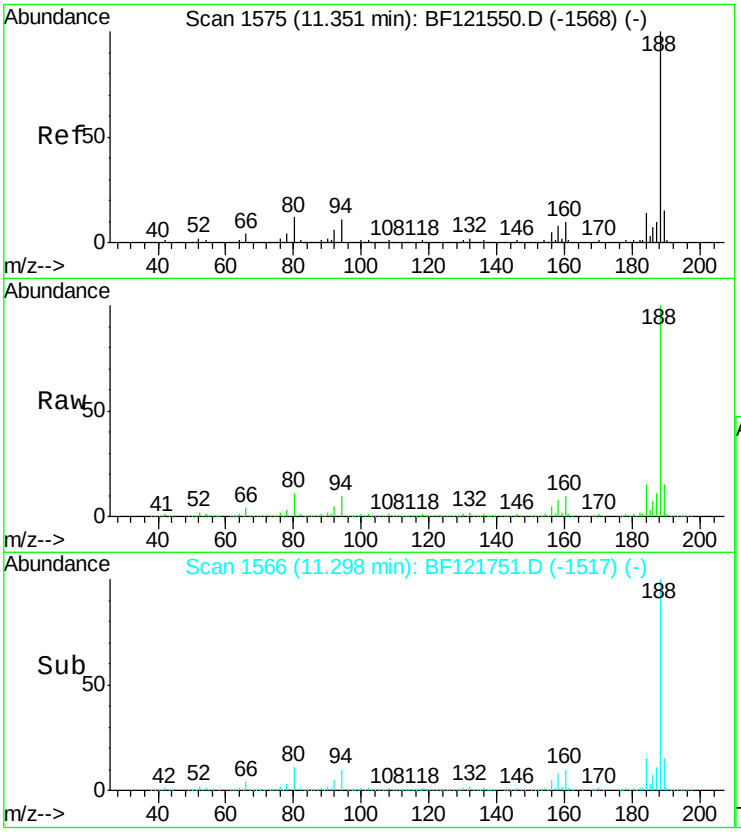


#58
Fluorene
Concen: 3.578 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:166 Resp: 80289

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.2	118.8
167	14.6	10.6	16.0



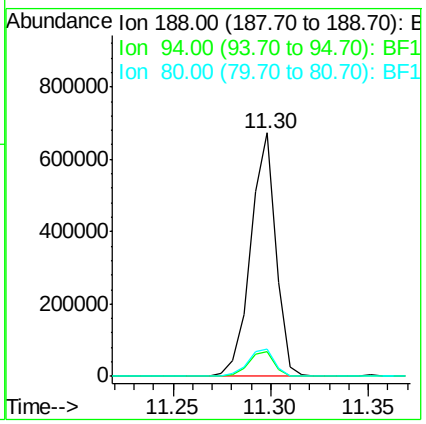


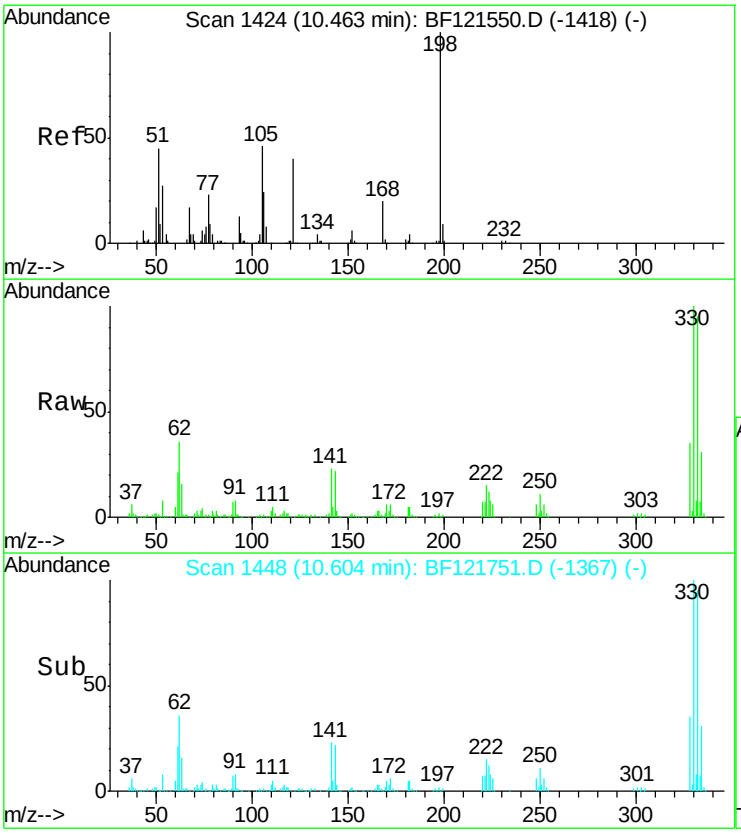
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:188 Resp: 598729

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	11.0	8.9	13.3

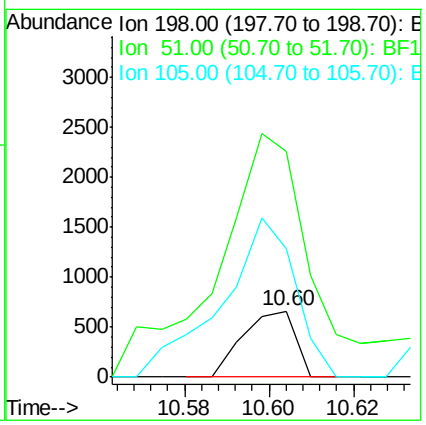


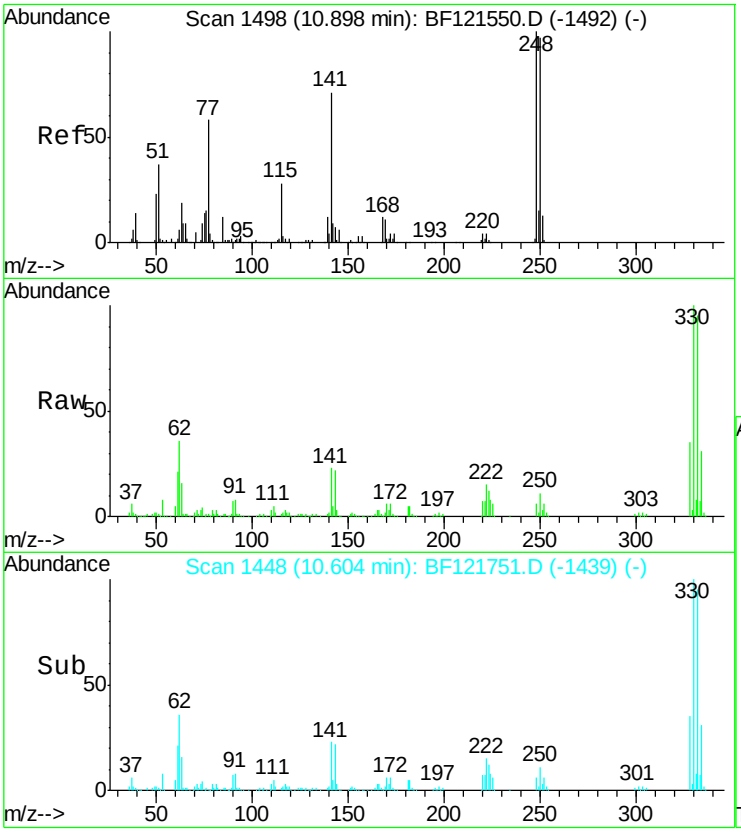


#65
4,6-Dinitro-2-methylphenol
Concen: 6.985 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.18 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:198 Resp: 568

Ion	Ratio	Lower	Upper
198	100		
51	341.5	34.7	74.7#
105	193.7	27.8	67.8#



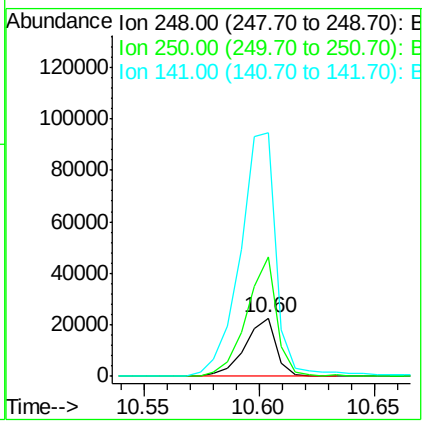


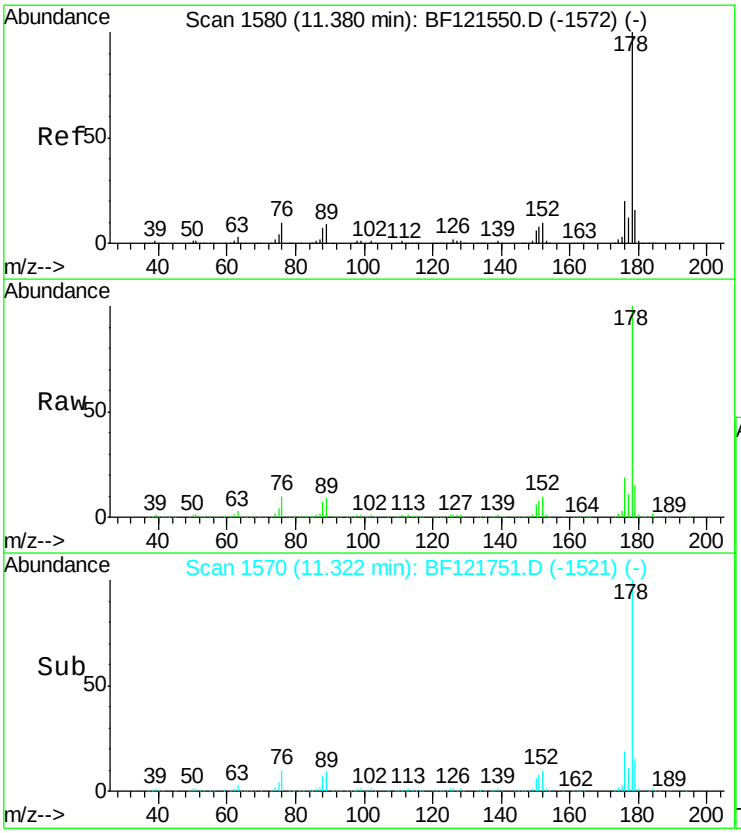
#67
4-Bromophenyl-phenylether
Concen: 3.163 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:248 Resp: 21562

Ion	Ratio	Lower	Upper
248	100		
250	203.7	78.6	118.0#
141	416.5	60.0	90.0#

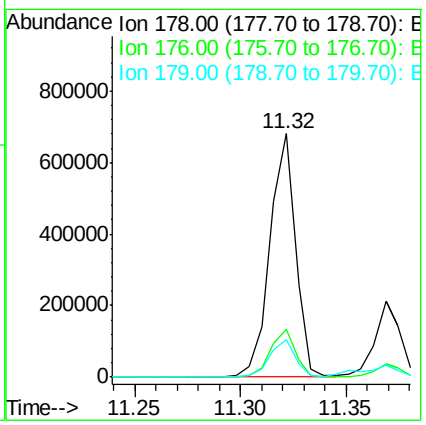


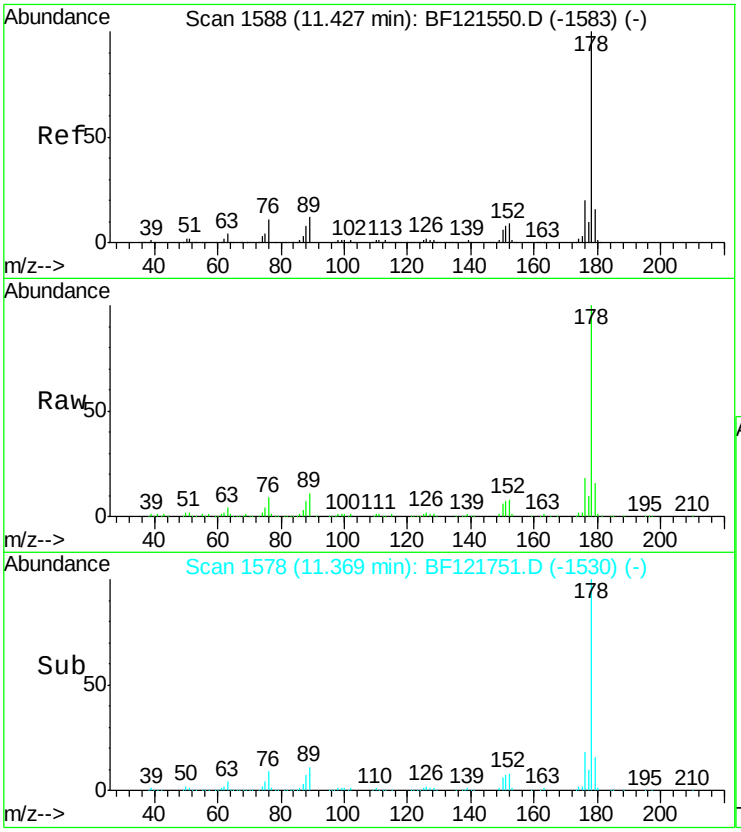


#71
Phenanthrene
Concen: 17.718 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:178 Resp: 577990

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.2	12.6	19.0



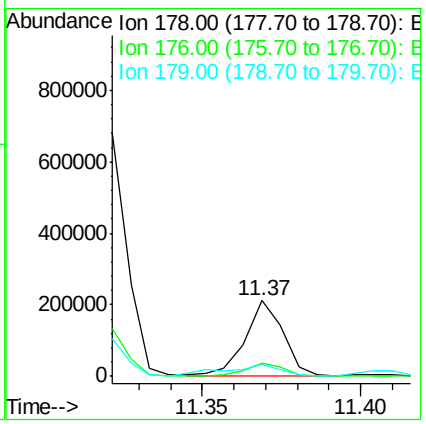


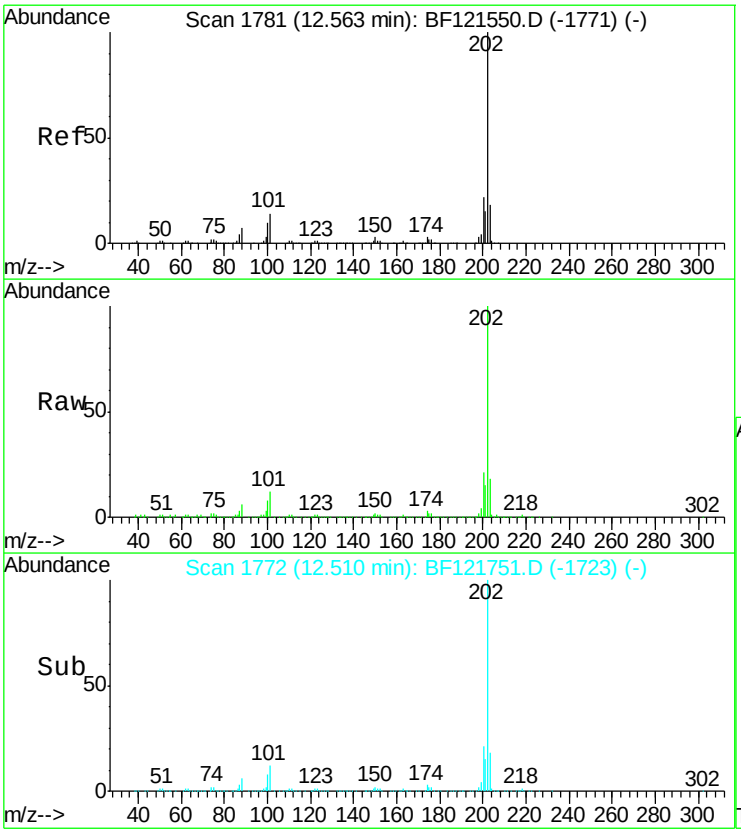
#72
Anthracene
Concen: 5.127 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:178 Resp: 172604

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	15.7	12.6	19.0

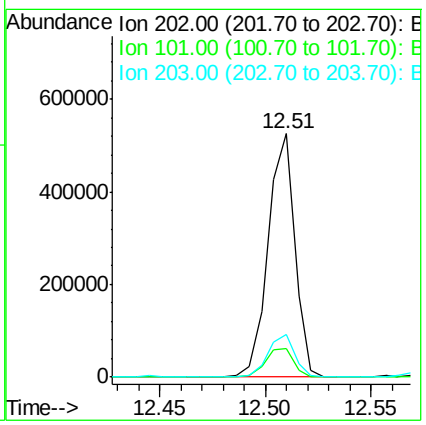


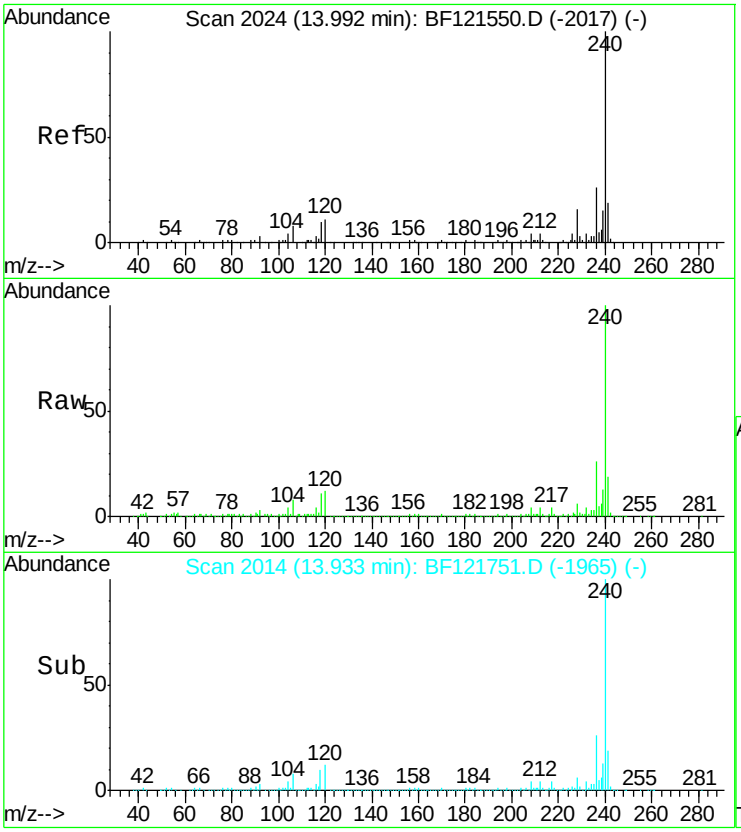


#75
Fluoranthene
Concen: 13.253 ng
RT: 12.51 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:202 Resp: 461511

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.0
203	17.6	0.0	38.0



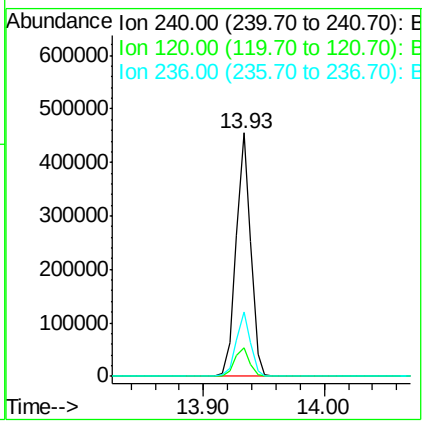


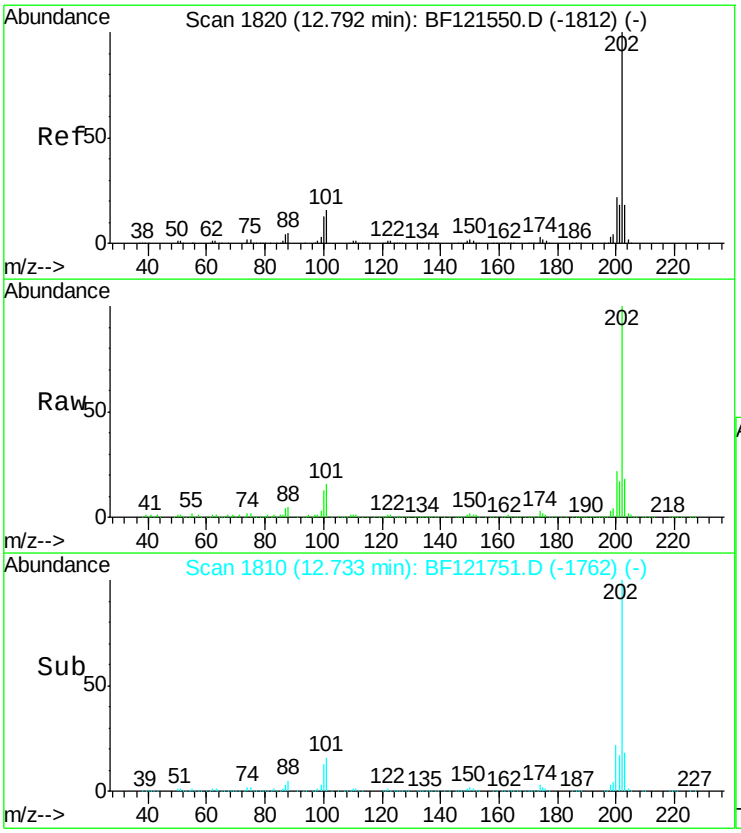
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:240 Resp: 386831

Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.2	15.4
236	26.2	20.4	30.6

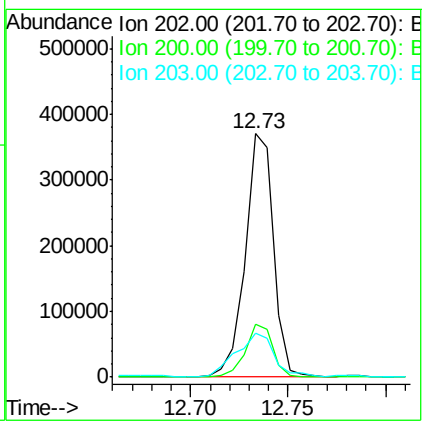


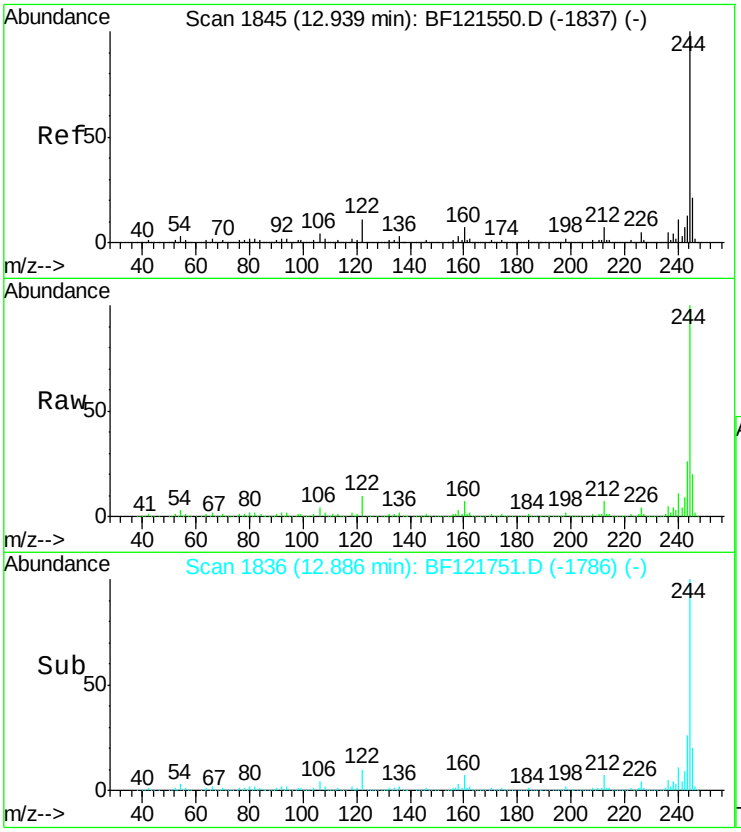


#78
Pyrene
Concen: 13.103 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:202 Resp: 370329

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.5	21.7



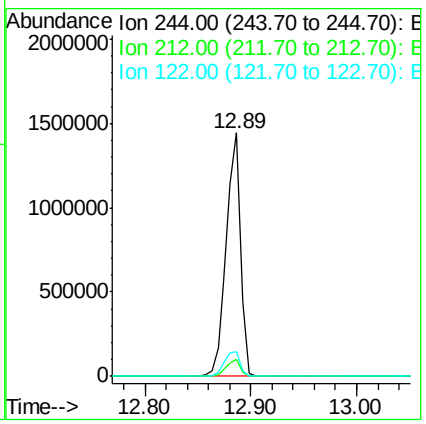


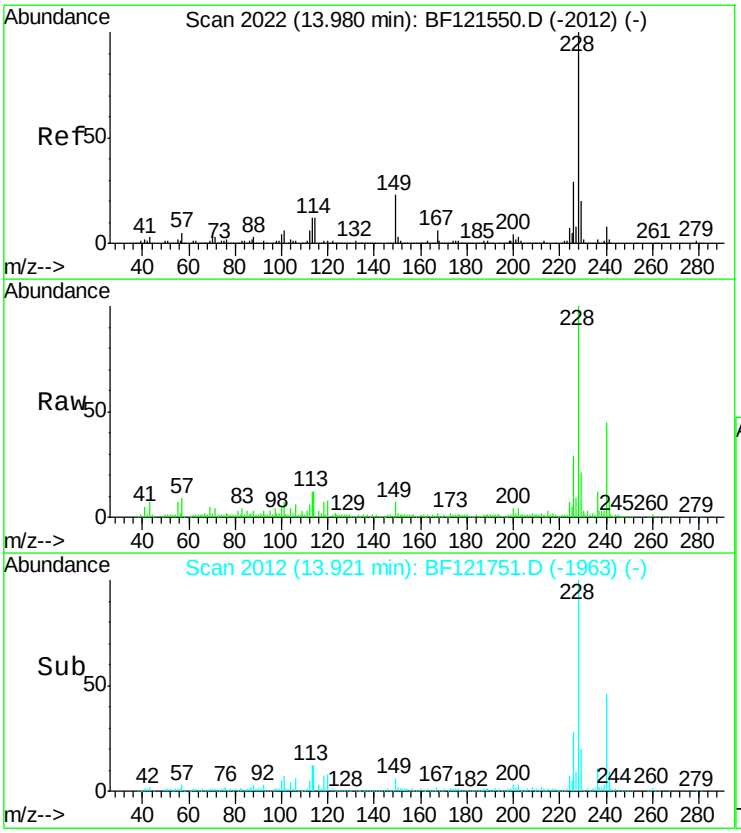
#79
Terphenyl-d14
Concen: 70.814 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:244 Resp: 1352142

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.1	9.0	13.4

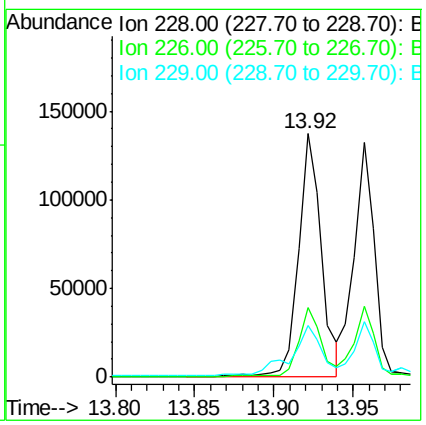


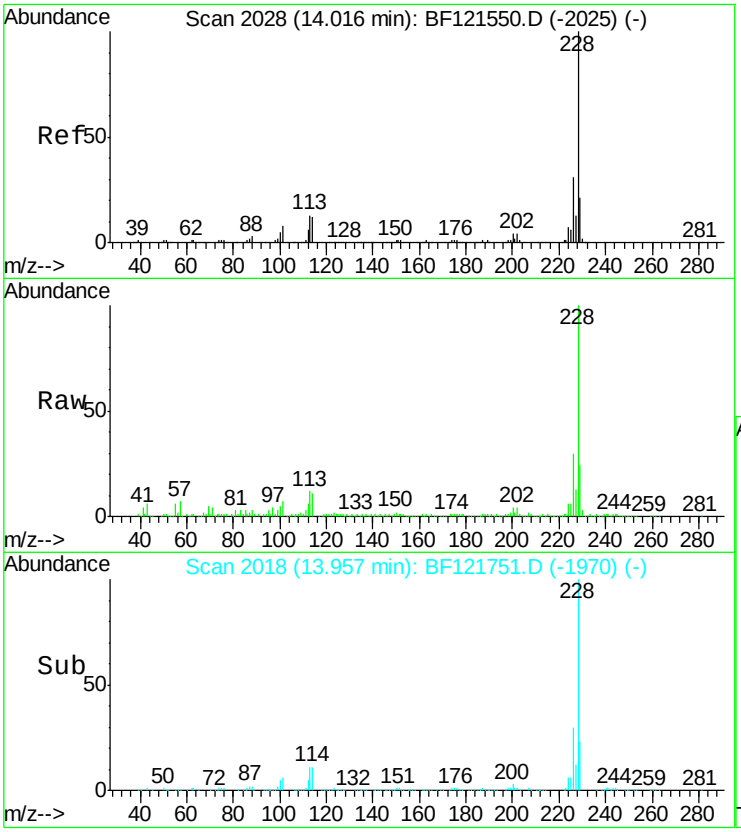


#81
Benzo(a)anthracene
Concen: 5.553 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:228 Resp: 135905

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.2
229	21.0	16.2	24.4



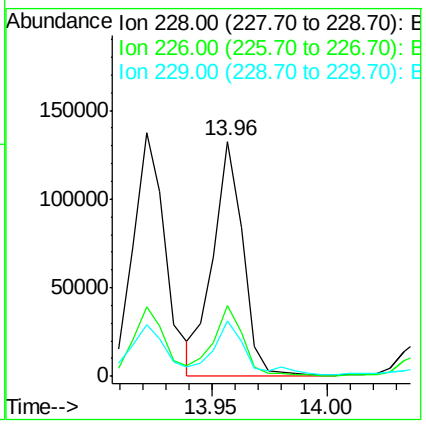


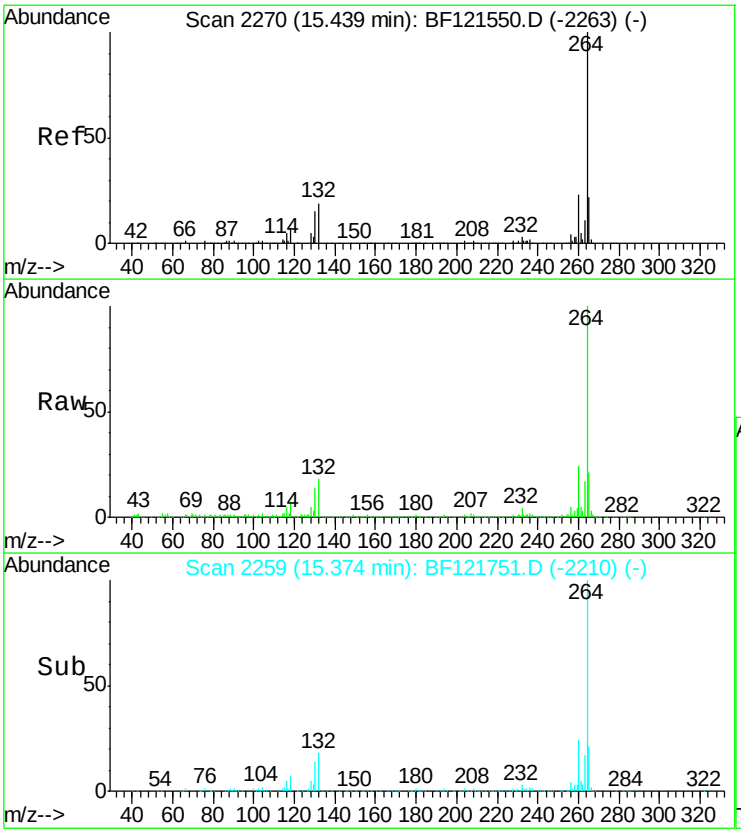
#83
Chrysene
Concen: 4.775 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:228 Resp: 118339

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	23.7	16.4	24.6

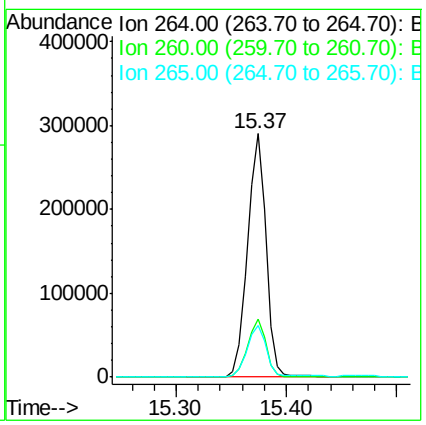


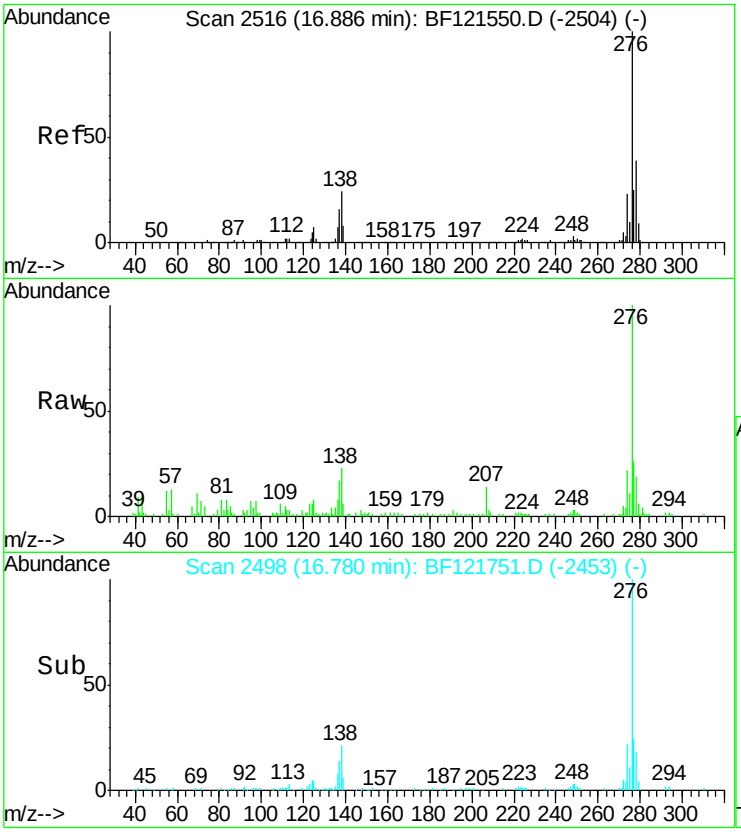


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:264 Resp: 343570

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.3	17.3	25.9



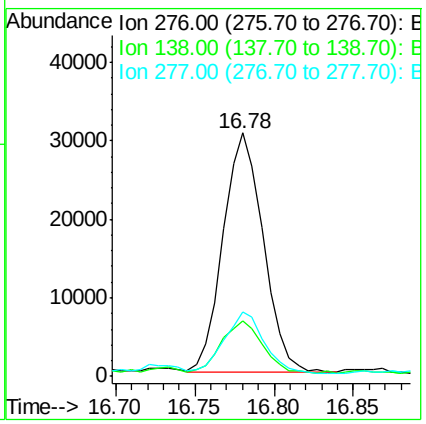


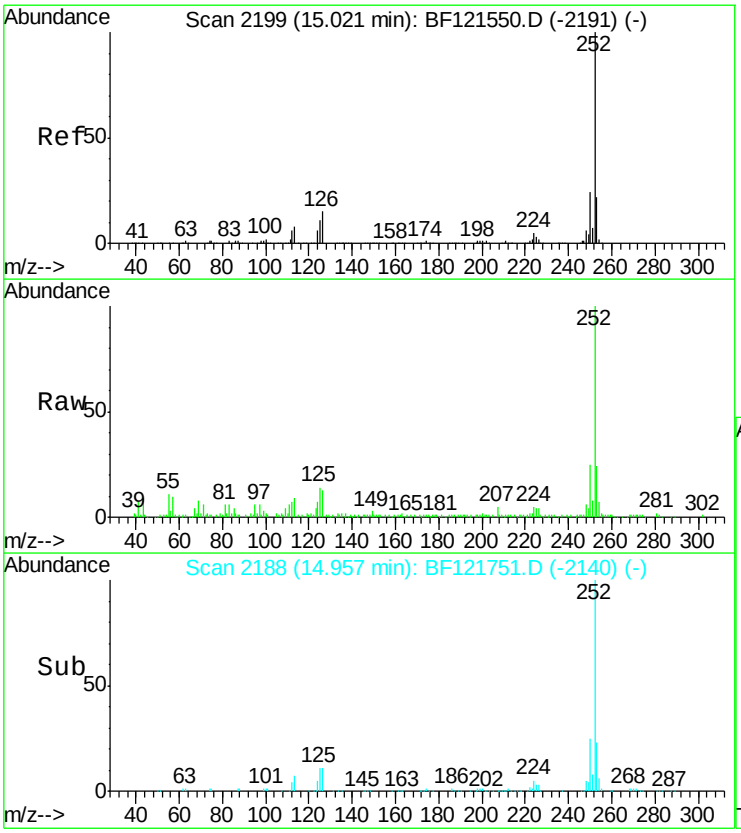
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.393 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.04 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:276 Resp: 53531

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.4	29.0
277	27.5	20.4	30.6

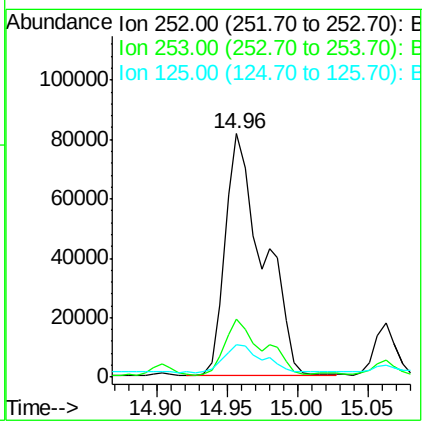


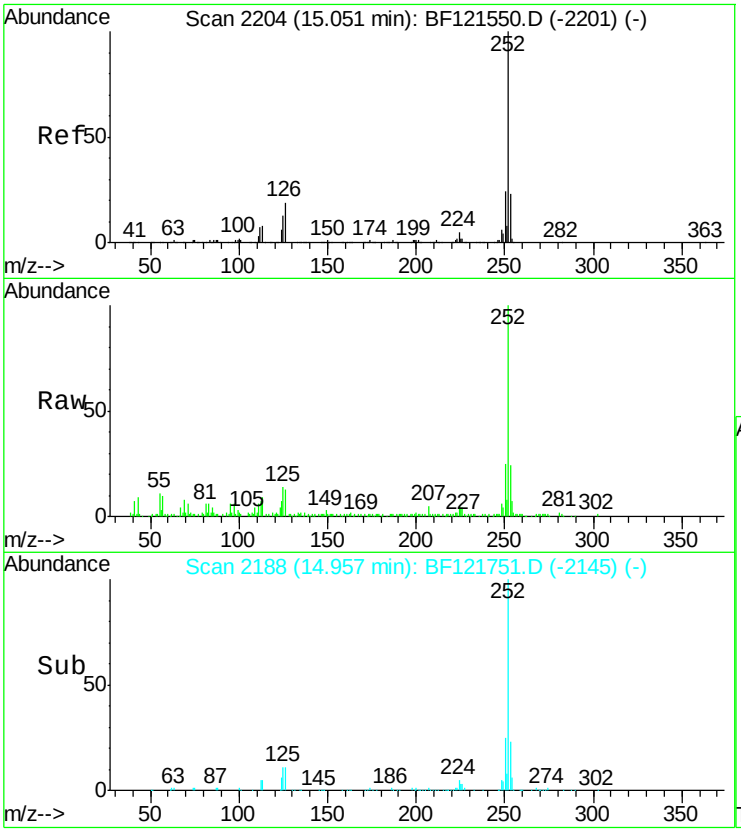


#88
Benzo(b)fluoranthene
Concen: 6.652 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:252 Resp: 152775

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	13.5	8.0	12.0#



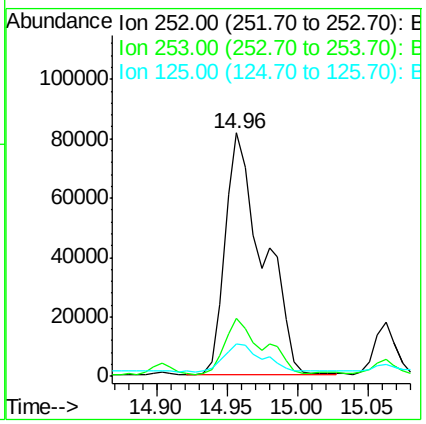


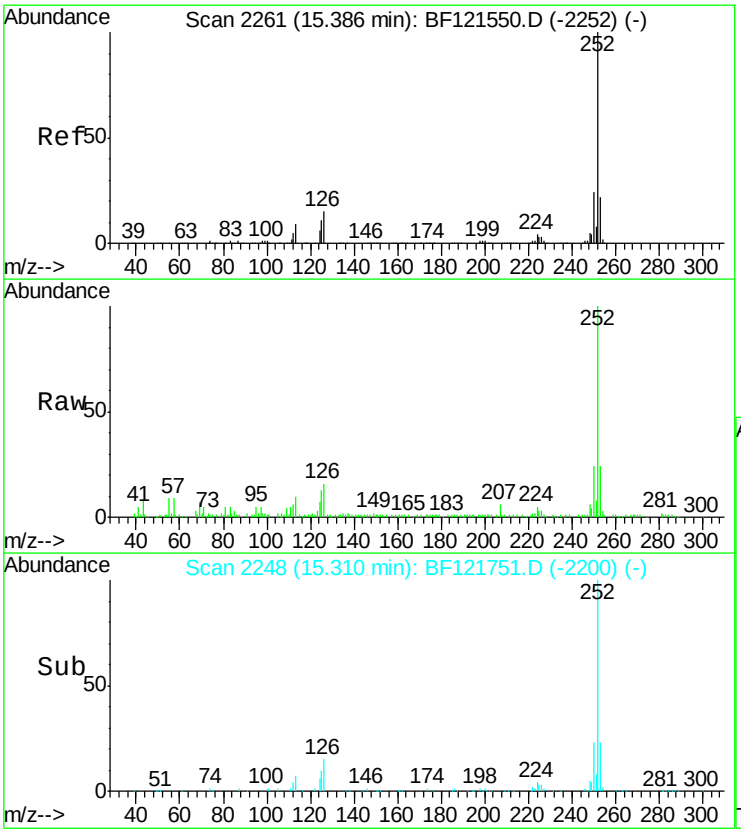
#89
Benzo(k)fluoranthene
Concen: 7.264 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.05 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:252 Resp: 152775

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	13.5	7.8	11.6#

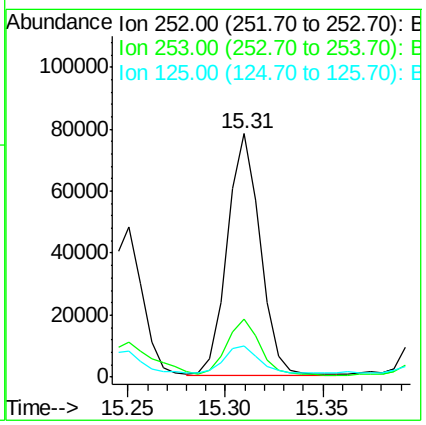


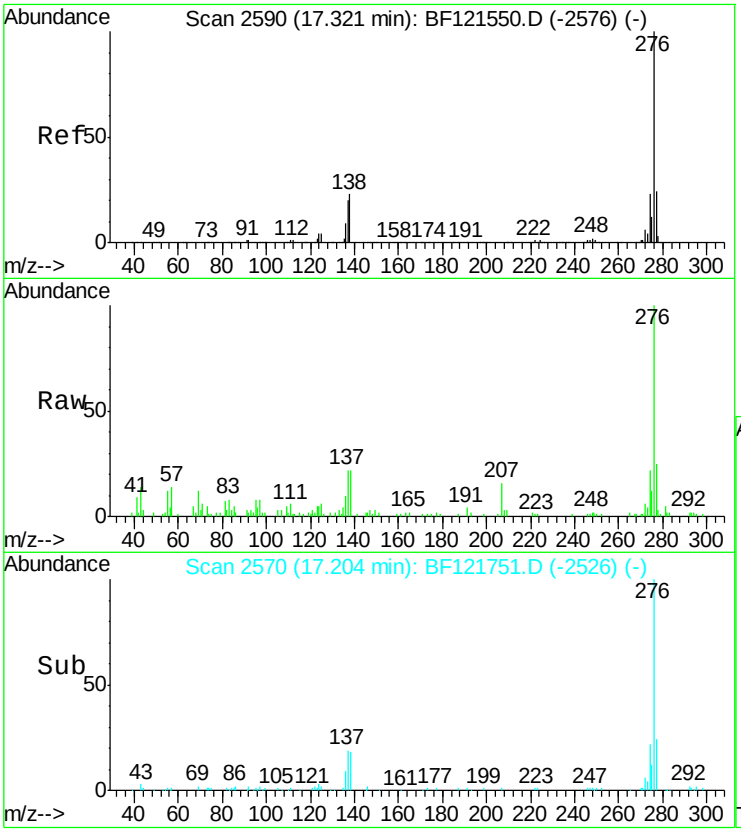


#90
Benzo(a)pyrene
Concen: 4.707 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Tgt Ion:252 Resp: 91890

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	12.7	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 3.059 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.04 min
Lab File: BF121751.D
Acq: 30 Sep 2020 21:37

Instrument :
BNA_F
ClientSampleId :
PAV-B14-092920-0-10

Tgt Ion:276 Resp: 56010

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	21.5	16.7	25.1