Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121539.D
Acq On : 9 Sep 2020 00:06
Operator : JU/CG
Sample : L3826-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BKG-1-(0.0-0.5)

Quant Time: Sep 09 02:40:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	331459	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1227804	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	599423	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	1027066	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	699734	20.00	ng		-0.02
86) Perylene-d12	15.46	264	744750	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1429085	72.34	ng		0.00
7) Phenol-d6	6.46	99	1837691	66.56	ng		-0.02
23) Nitrobenzene-d5	7.40	82	1205196	67.11	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	479825	79.25	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	2071437	55.76	ng		-0.01
79) Terphenyl-d14	12.95	244	1487181	44.74	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	3424	Below Cal			90
19) n-Nitroso-di-n-propylamine	7.40	70	157309	10.196	ng	#	79
25) Isophorone	7.40	82	1194620	29.574	ng	#	63
32) Benzoic acid	7.83	122	2402	6.956	ng	#	55
48) 2-Nitroaniline	9.33	65	1357	6.760	ng	#	2
50) Dimethylphthalate	9.59	163	367913	8.935	ng		99
51) 2,6-Dinitrotoluene	9.59	165	4234	6.894	ng	#	4
53) 3-Nitroaniline	9.87	138	130	5.464	ng	#	1
56) 4-Nitrophenol	10.08	139	4113	8.323	ng	#	10
57) 2,4-Dinitrotoluene	9.87	165	77035	14.156	ng	#	25
62) 4-Nitroaniline	10.42	138	228	4.556	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.66	198	909	5.923	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	27785	2.459	ng	#	1
71) Phenanthrene	11.38	178	452733	8.590	ng		97
75) Fluoranthene	12.57	202	818504	14.409	ng		98
78) Pyrene	12.80	202	662220	13.251	ng		97
81) Benzo(a)anthracene	13.99	228	282083	6.604	ng		99
83) Chrysene	14.02	228	307129	7.187	ng		96
87) Indeno(1,2,3-cd)pyrene	16.89	276	187778	4.098	ng		95
88) Benzo(b)fluoranthene	15.03	252	543392	11.216	ng		99
89) Benzo(k)fluoranthene	15.03	252	543392	12.059	ng		100
90) Benzo(a)pyrene	15.39	252	270045	6.199	ng		100
92) Benzo(g,h,i)perylene	17.33	276	183915	5.090	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 9 Sep 2020 00:06
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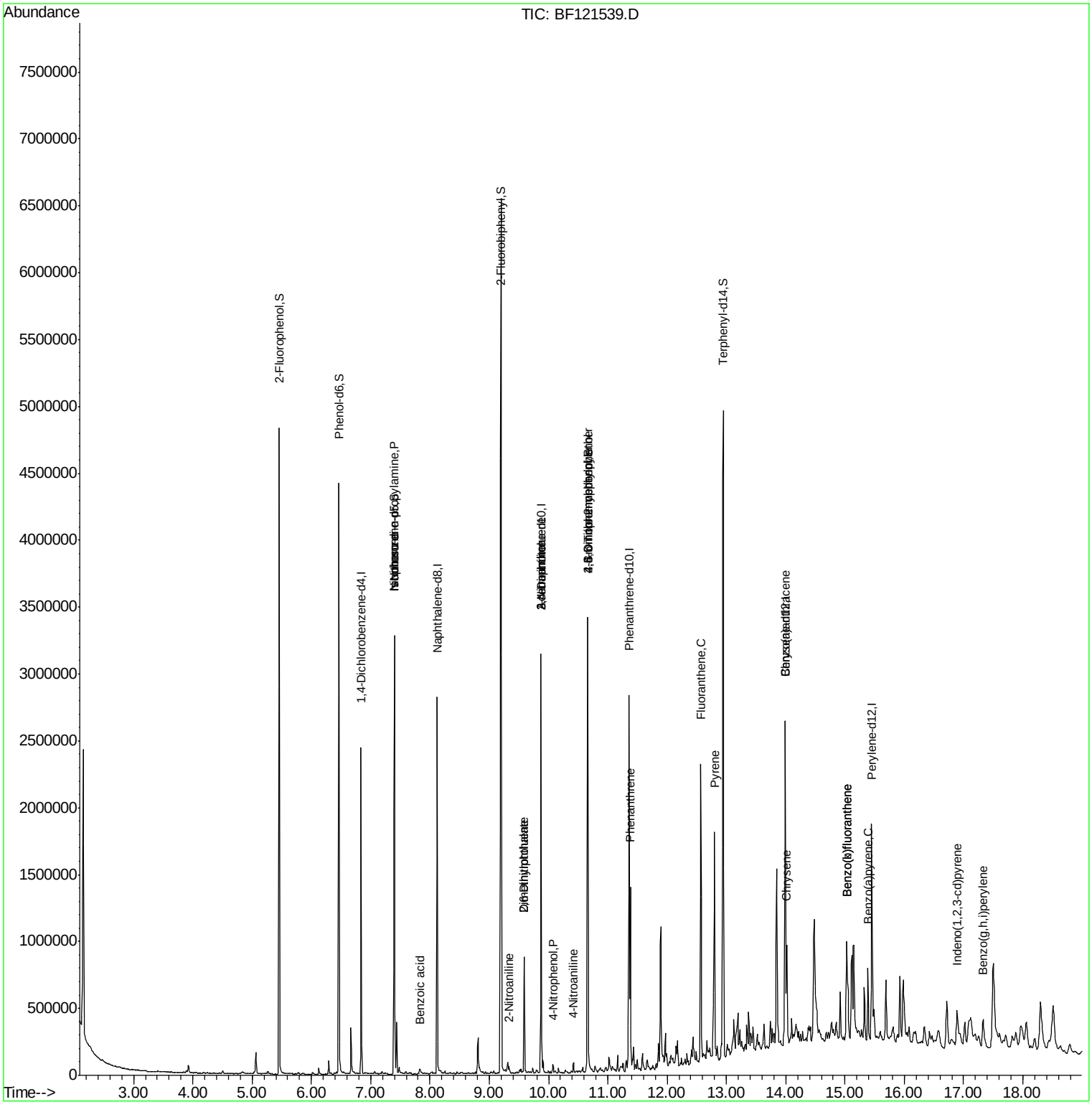
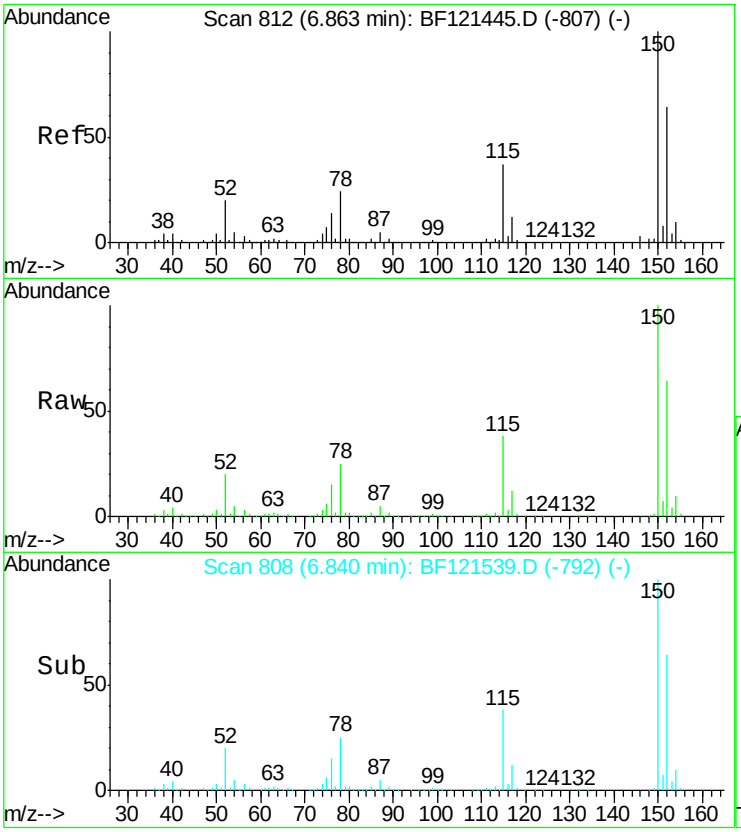
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Quant Time: Sep 09 02:40:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration



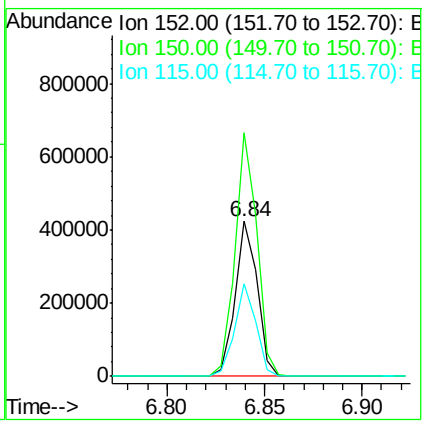


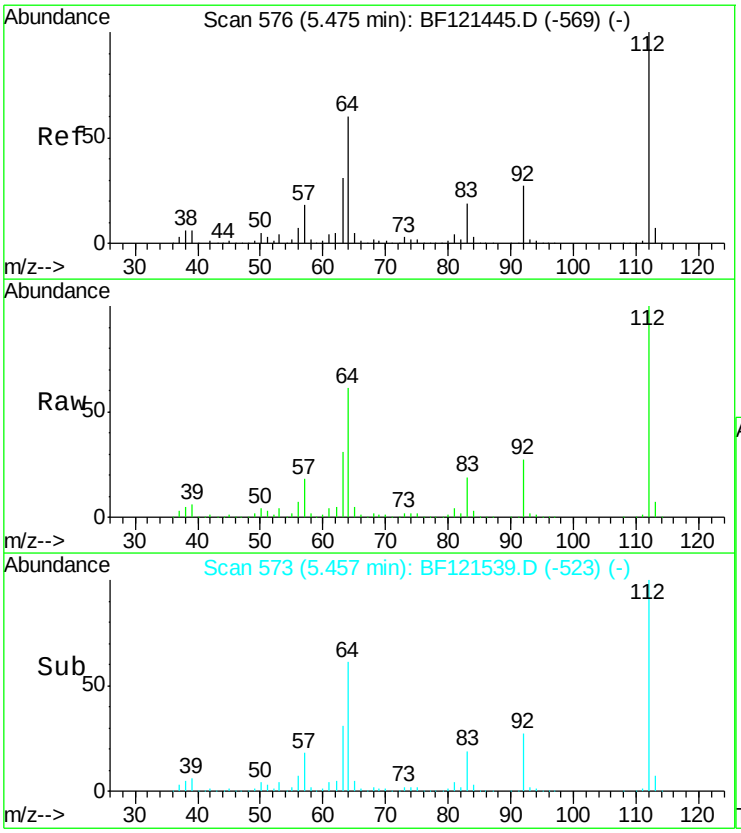
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:152 Resp: 331459

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.1	189.1
115	59.6	48.4	72.6

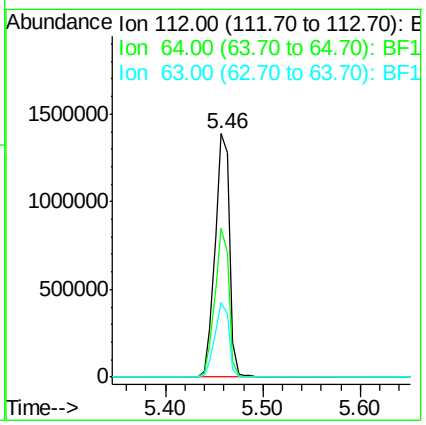


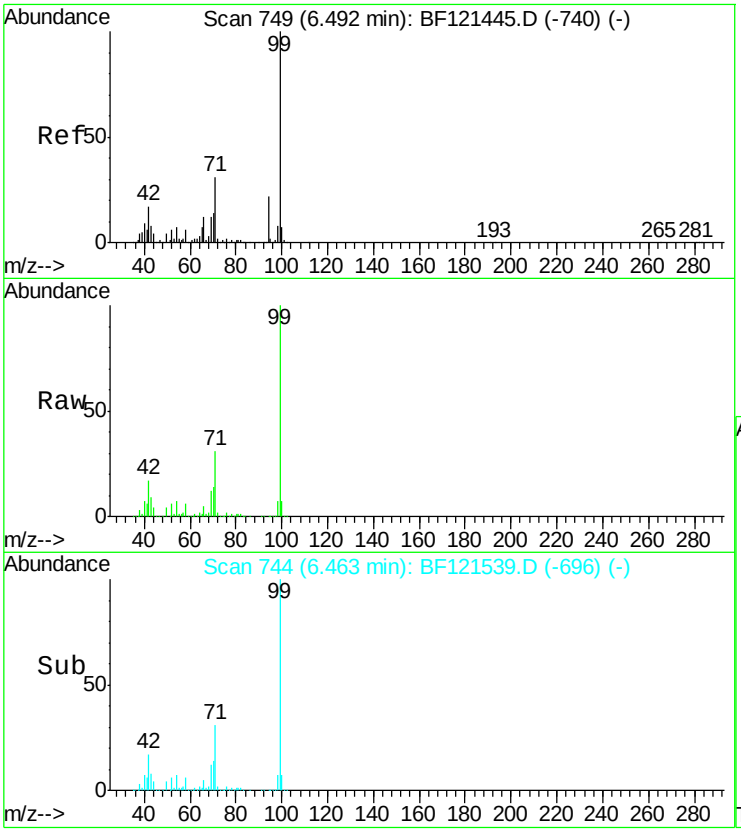


#5
2-Fluorophenol
Concen: 72.336 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:112 Resp: 1429085

Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.0	69.0
63	30.6	23.4	35.2



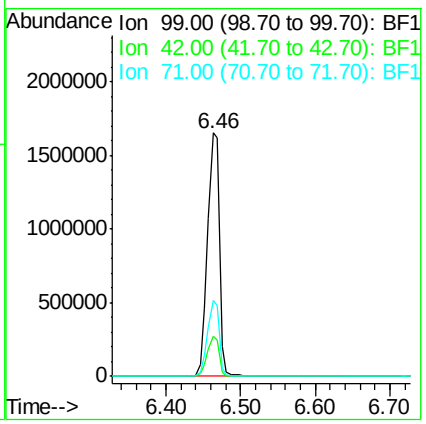


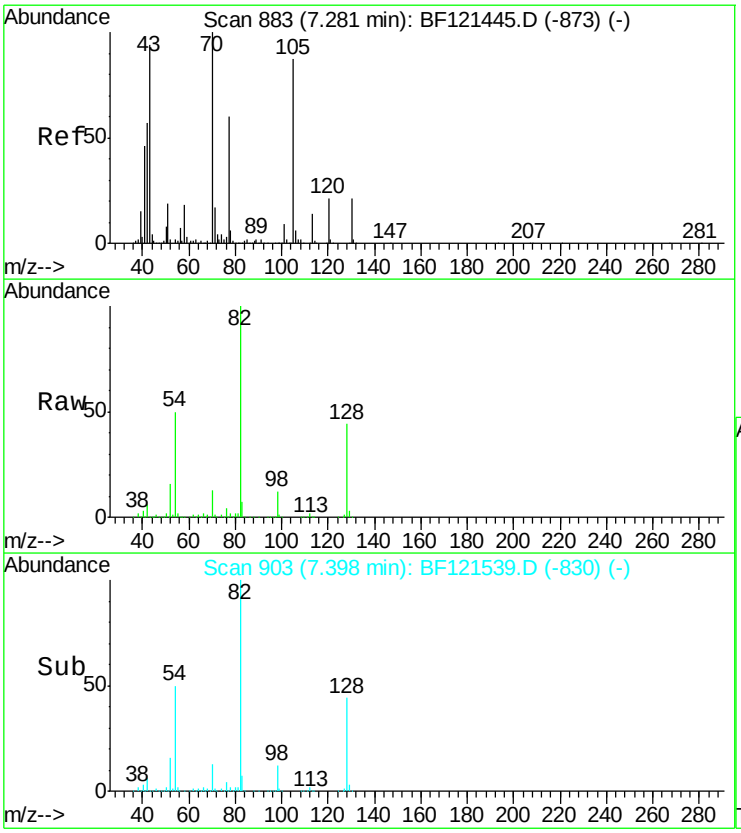
#7
Phenol-d6
Concen: 66.562 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion: 99 Resp: 1837691

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.4
71	31.2	24.8	37.2

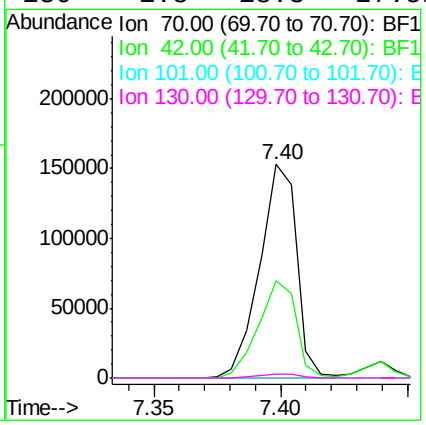


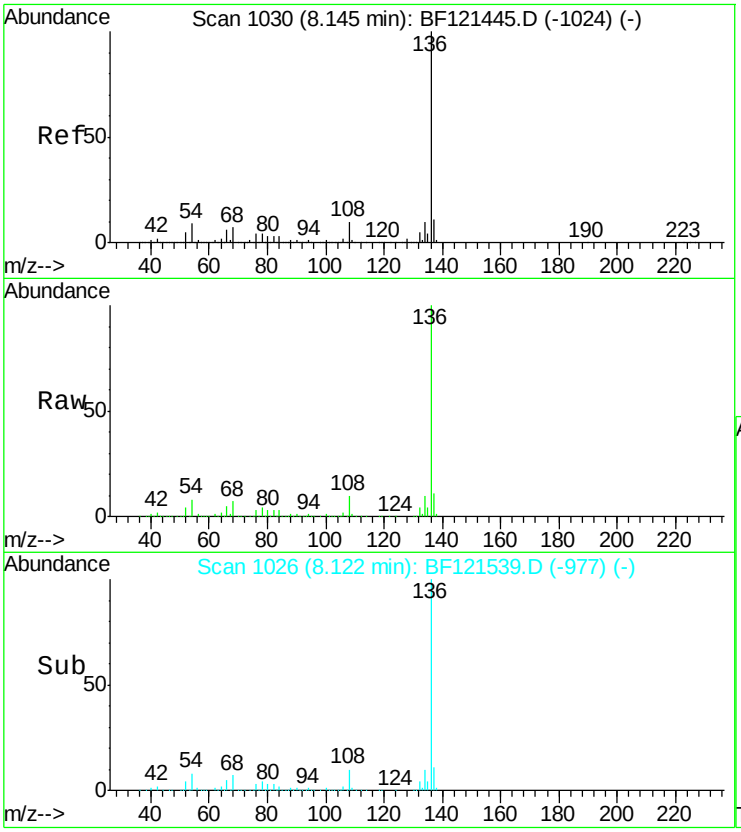


#19
n-Nitroso-di-n-propylamine
Concen: 10.196 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion: 70 Resp: 157309

Ion	Ratio	Lower	Upper
70	100		
42	45.3	42.0	63.0
101	0.0	8.1	12.1#
130	1.8	18.3	27.5#



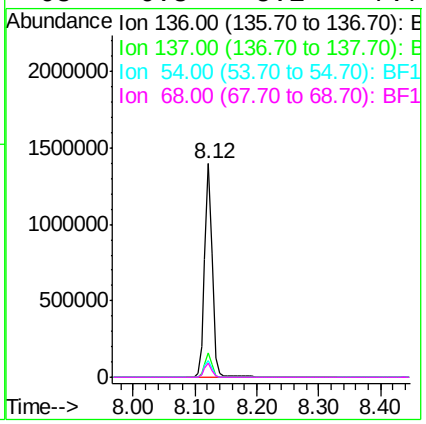


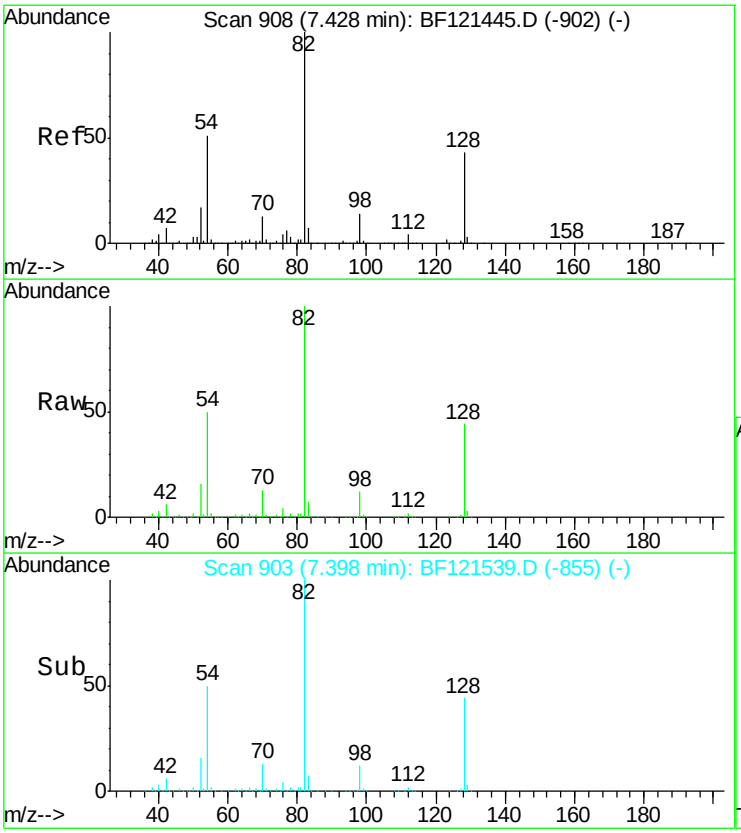
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:136 Resp: 1227804

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.2	9.4
68	6.8	5.1	7.7

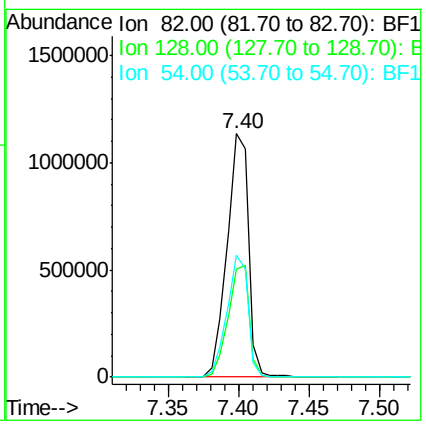


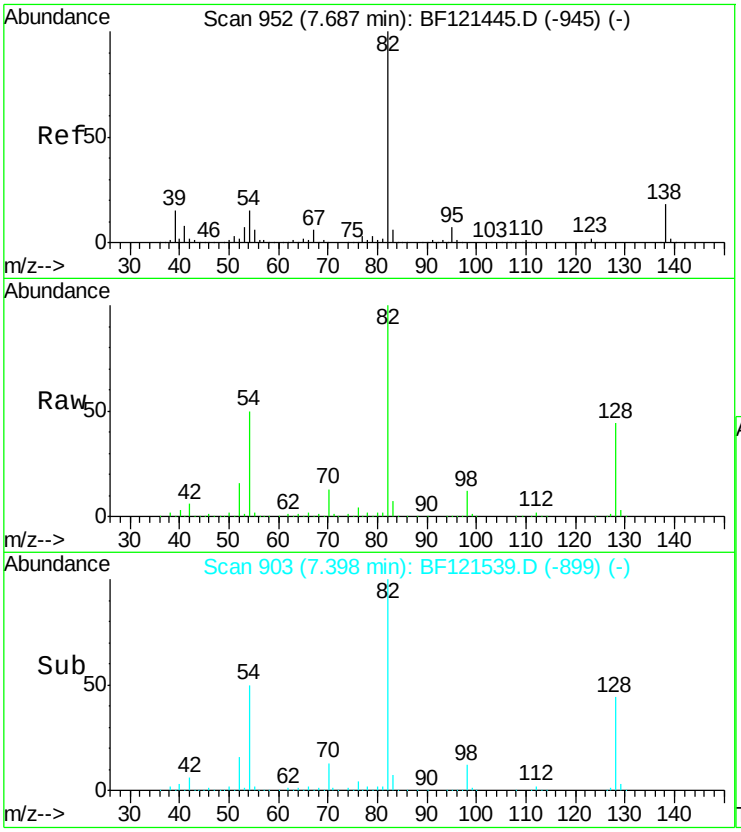


#23
Nitrobenzene-d5
Concen: 67.107 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion: 82 Resp: 1205196

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.3	55.9
54	49.9	39.0	58.6



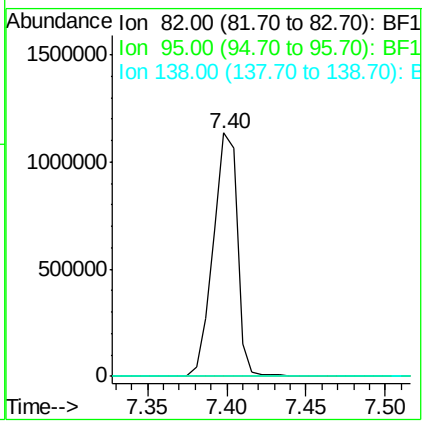


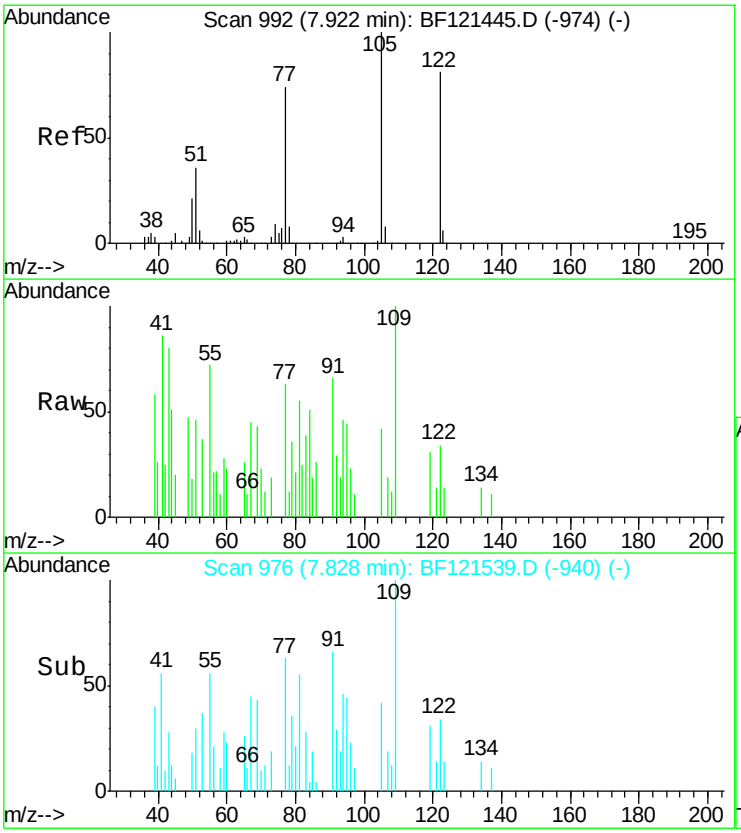
#25
Isophorone
Concen: 29.574 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion: 82 Resp: 1194620

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.6	23.4#

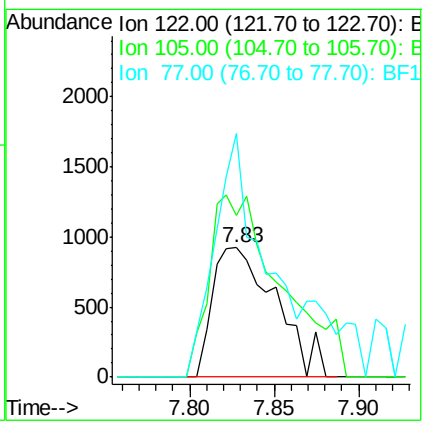


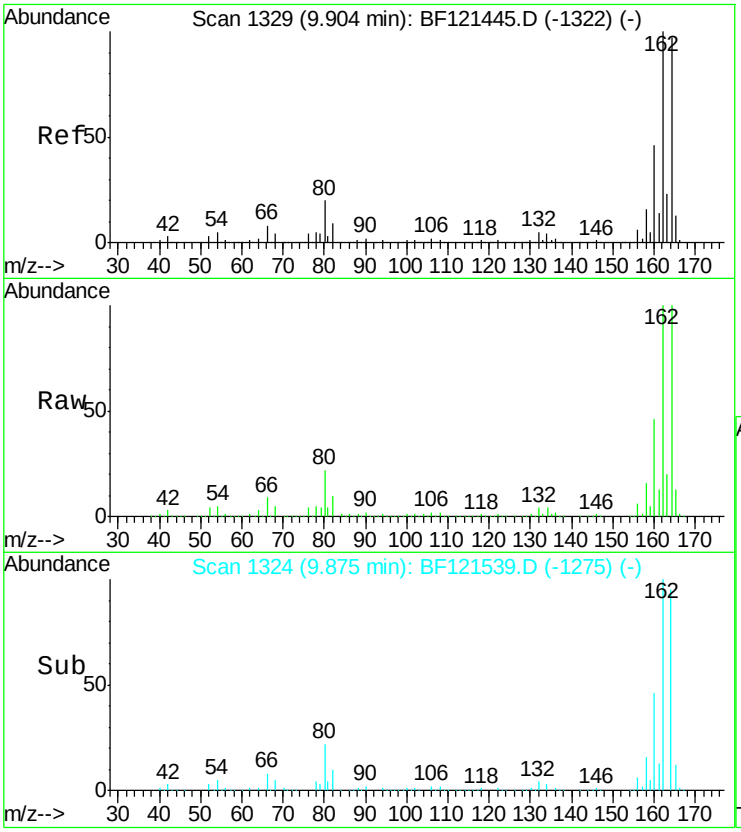


#32
Benzoic acid
Concen: 6.956 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.09 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:122 Resp: 2402

Ion	Ratio	Lower	Upper
122	100		
105	124.5	102.2	142.2
77	187.8	69.8	109.8#



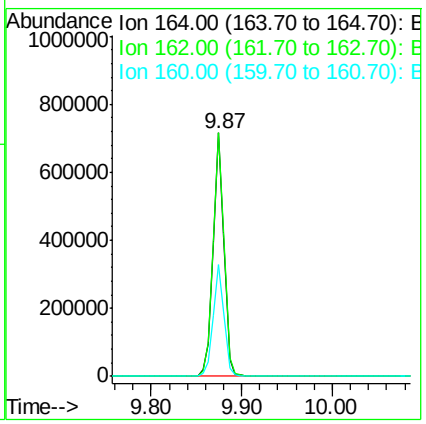


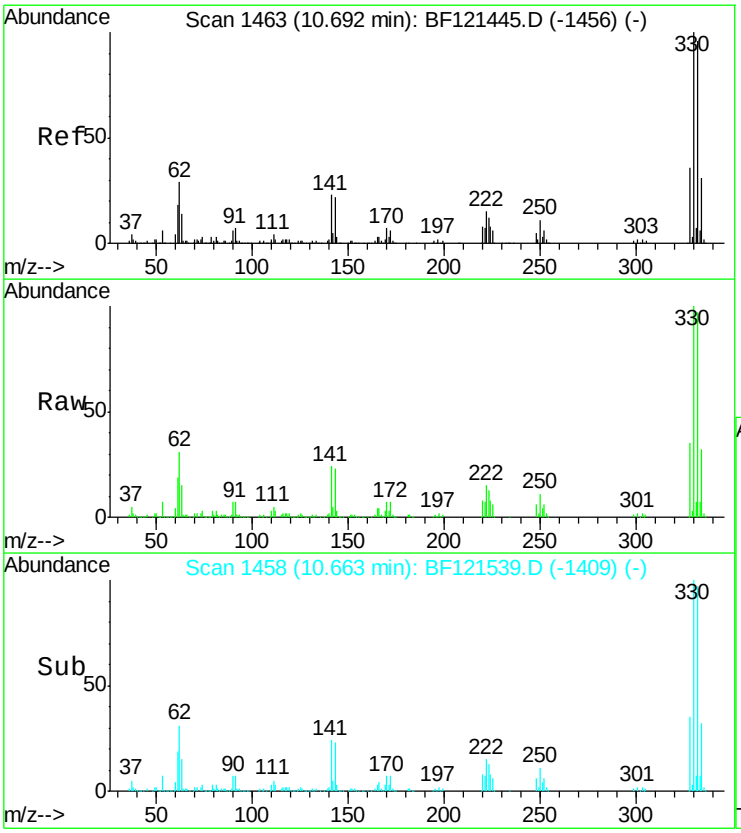
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:164 Resp: 599423

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.5	120.7
160	45.8	36.2	54.4

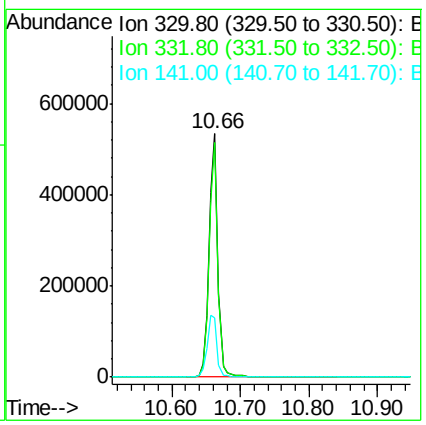


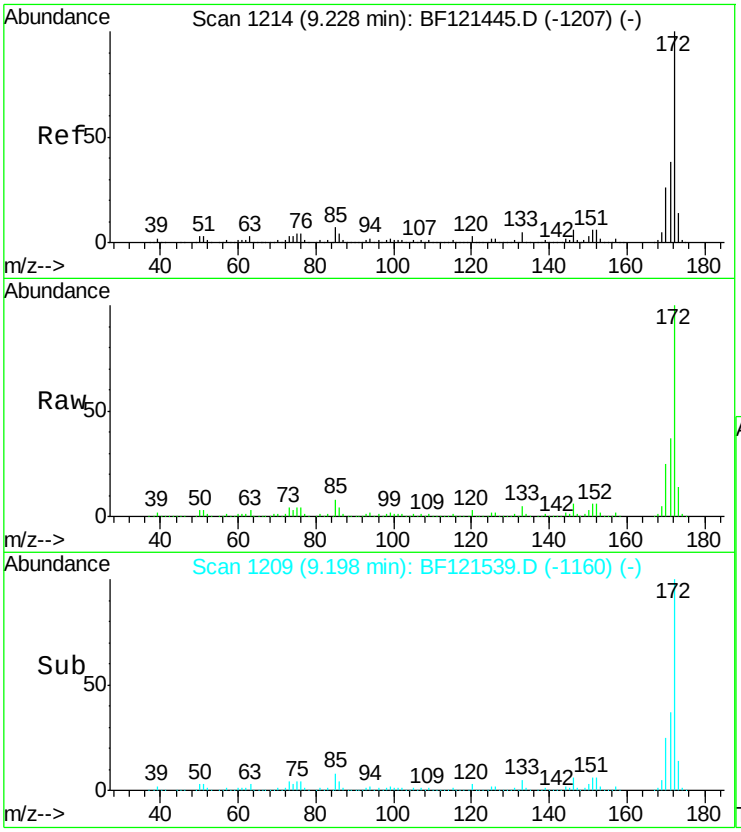


#42
2,4,6-Tribromophenol
Concen: 79.251 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:330 Resp: 479825

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.2
141	29.0	22.6	34.0



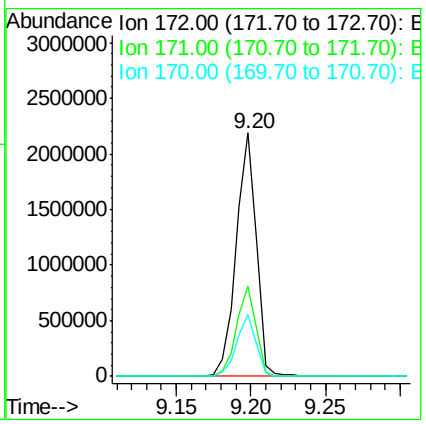


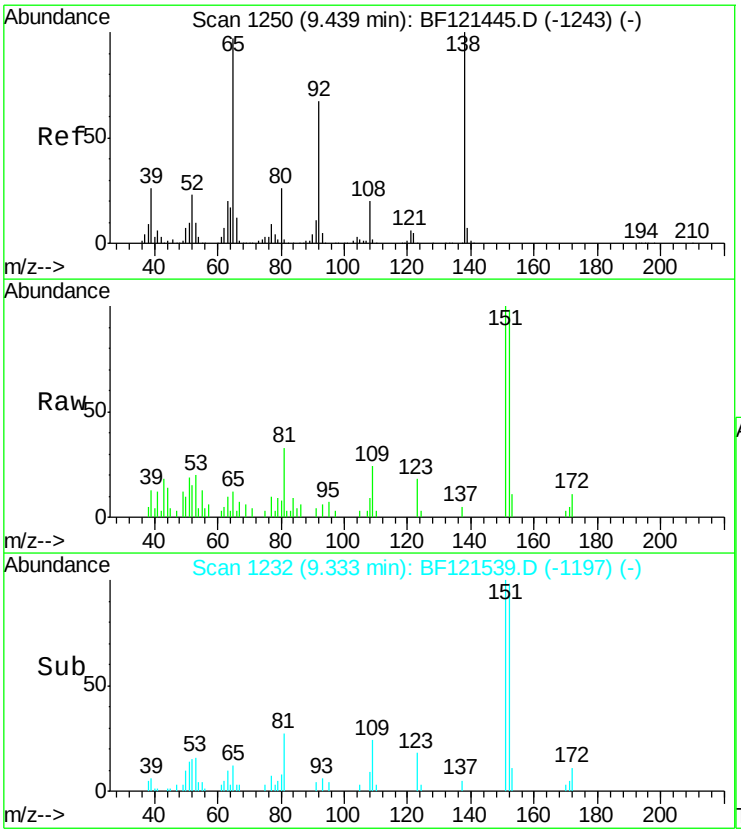
#45
2-Fluorobiphenyl
Concen: 55.759 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:172 Resp: 2071437

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.4	45.6
170	25.2	20.7	31.1

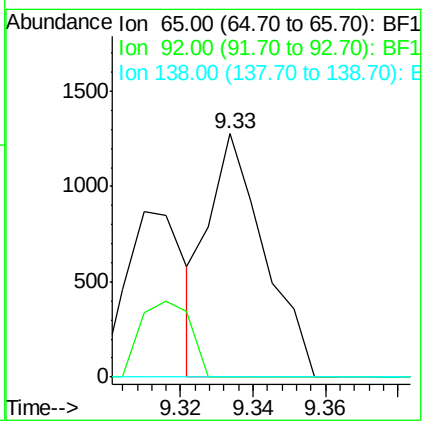


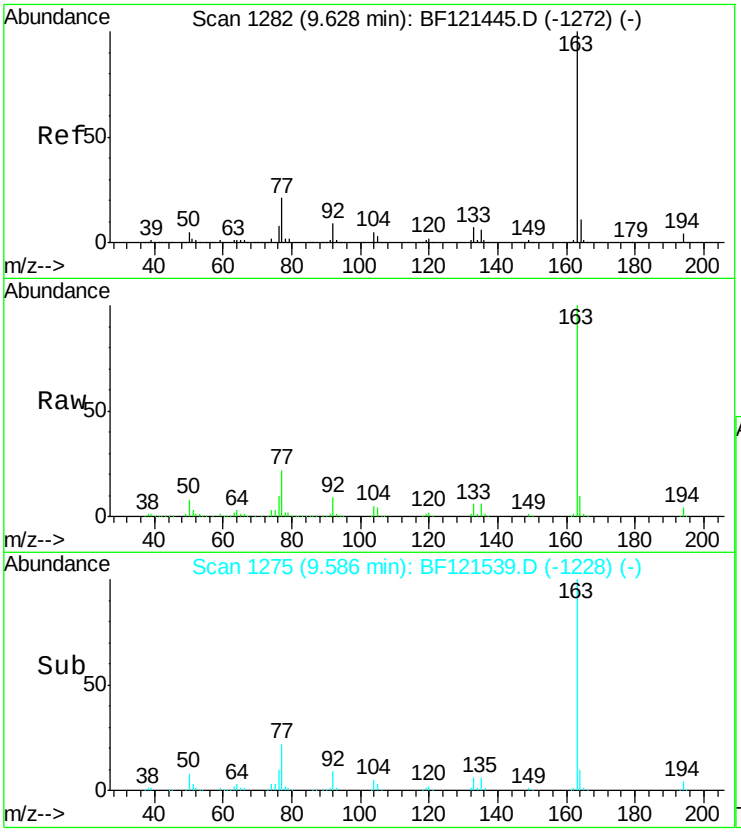


#48
2-Nitroaniline
Concen: 6.760 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.09 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion: 65 Resp: 1357

Ion	Ratio	Lower	Upper
65	100		
92	0.0	58.6	87.8#
138	0.0	88.6	133.0#



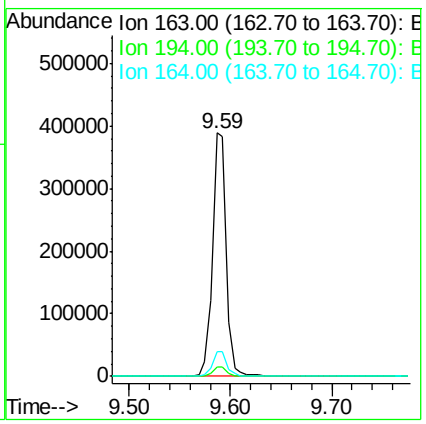


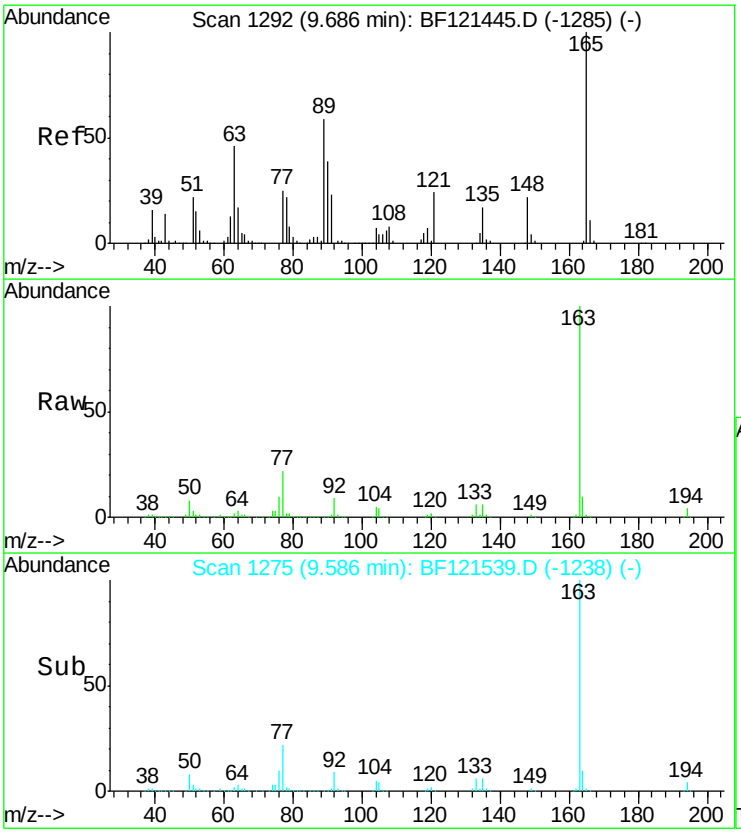
#50
Dimethylphthalate
Concen: 8.935 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:163 Resp: 367913

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.3	8.6	13.0

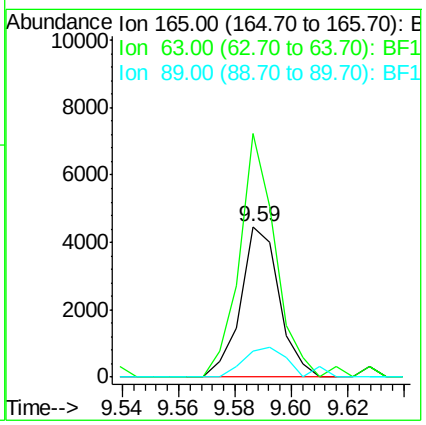


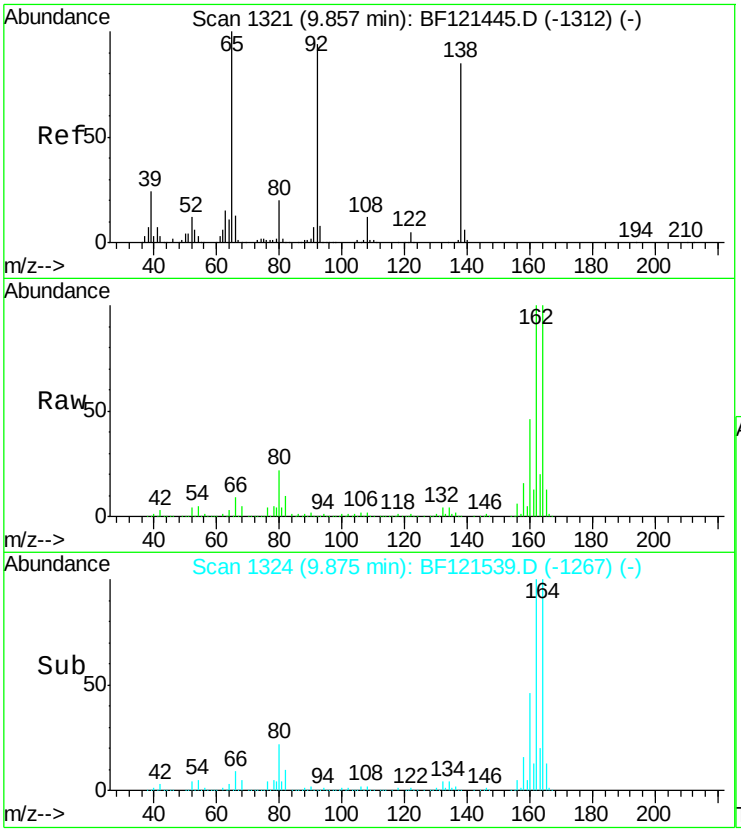


#51
2,6-Dinitrotoluene
Concen: 6.894 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.08 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:165 Resp: 4234

Ion	Ratio	Lower	Upper
165	100		
63	161.6	47.4	71.0#
89	17.0	47.9	71.9#



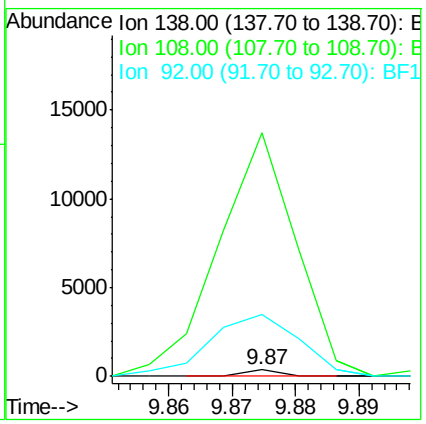


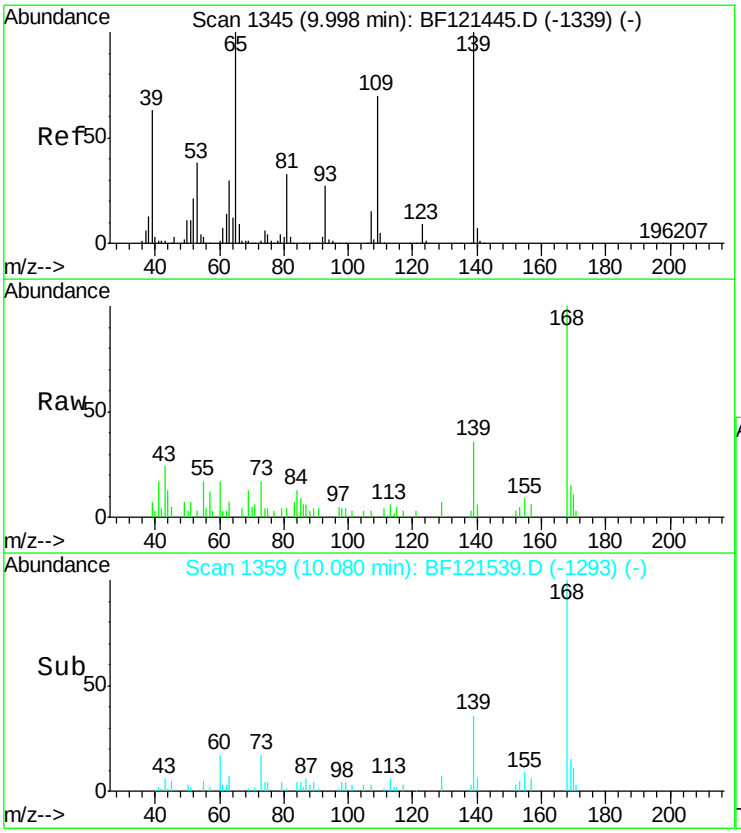
#53
3-Nitroaniline
Concen: 5.464 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.04 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:138 Resp: 130

Ion	Ratio	Lower	Upper
138	100		
108	3726.9	8.7	13.1#
92	942.7	91.1	136.7#

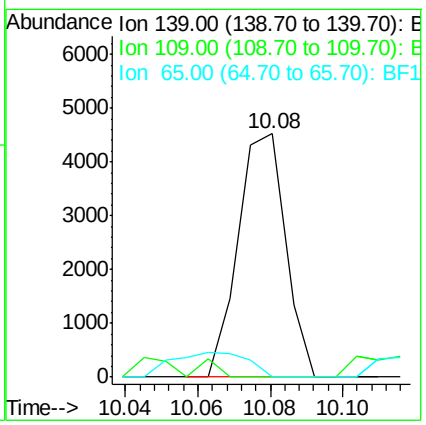


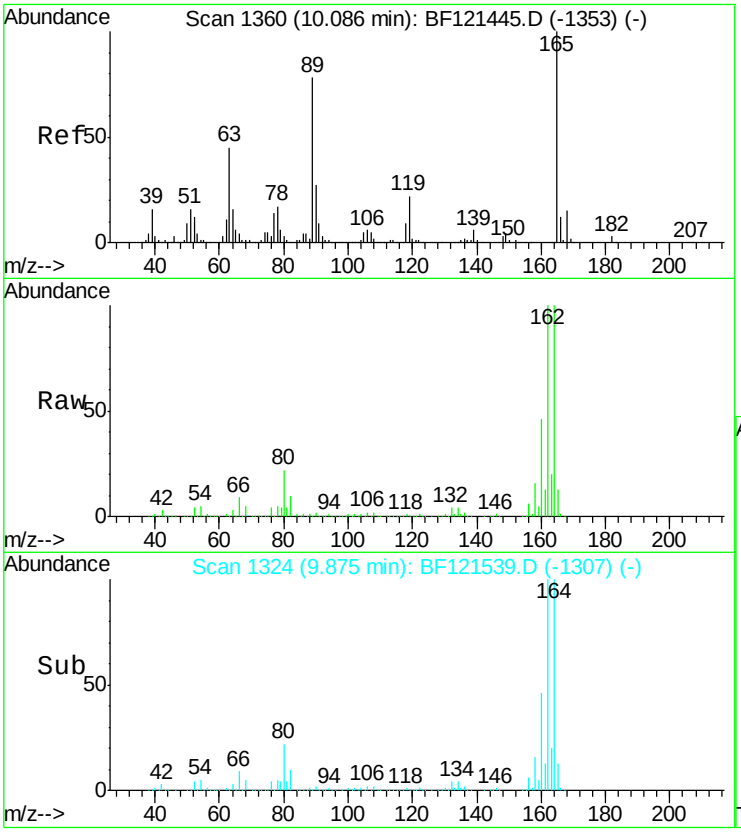


#56
4-Nitrophenol
Concen: 8.323 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:139 Resp: 4113

Ion	Ratio	Lower	Upper
139	100		
109	0.0	44.3	84.3#
65	0.0	70.2	110.2#



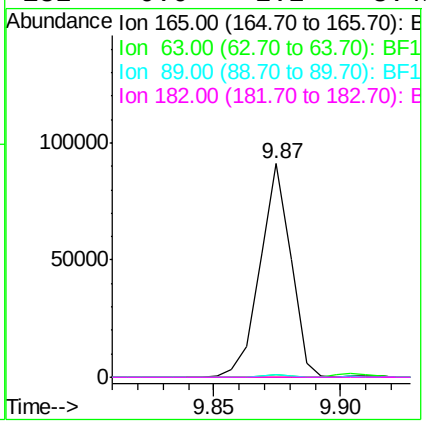


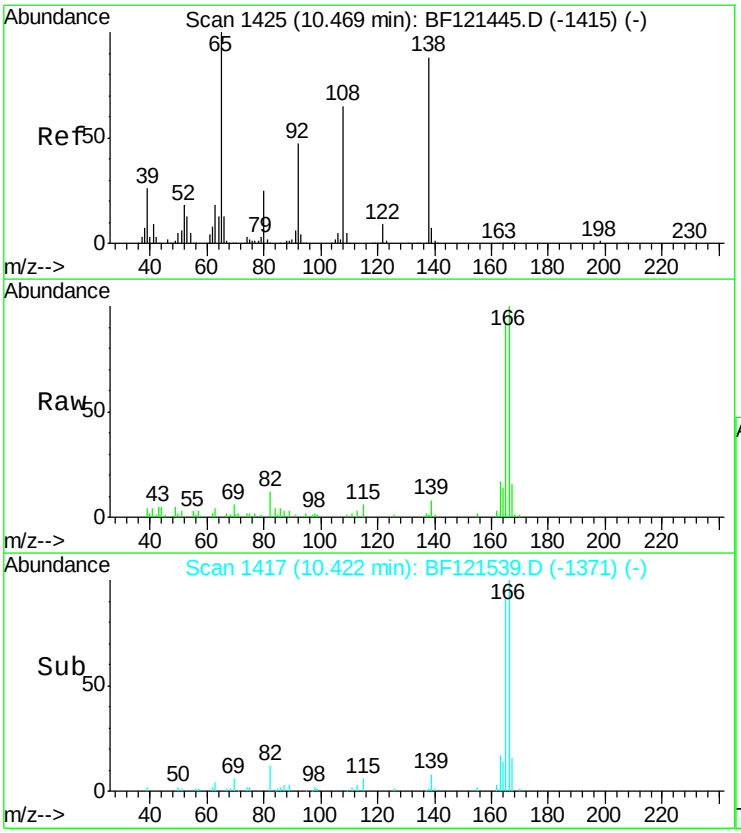
#57
2,4-Dinitrotoluene
Concen: 14.156 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.20 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:165 Resp: 77035

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.6	50.4#
89	1.3	56.4	84.6#
182	0.0	2.2	3.4#

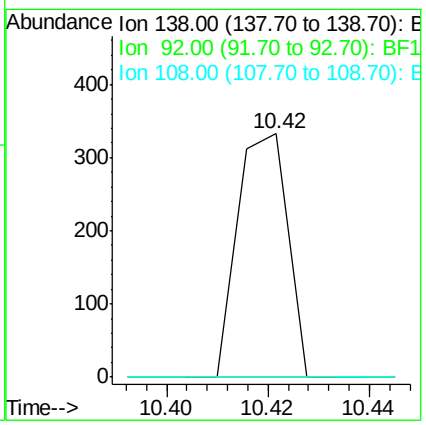


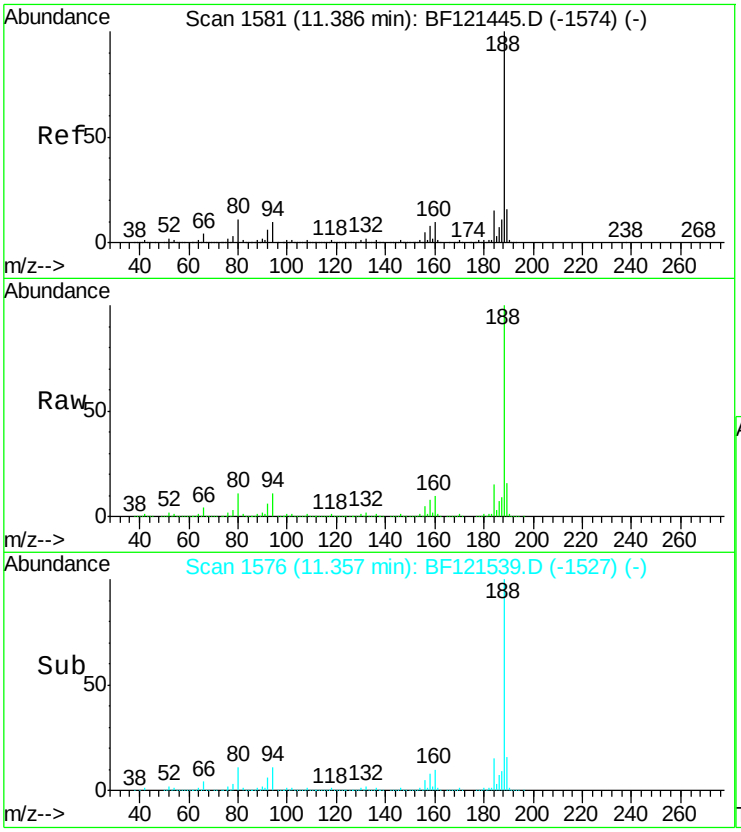


#62
4-Nitroaniline
Concen: 4.556 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.03 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:138 Resp: 228

Ion	Ratio	Lower	Upper
138	100		
92	0.0	32.2	72.2#
108	0.0	49.1	89.1#



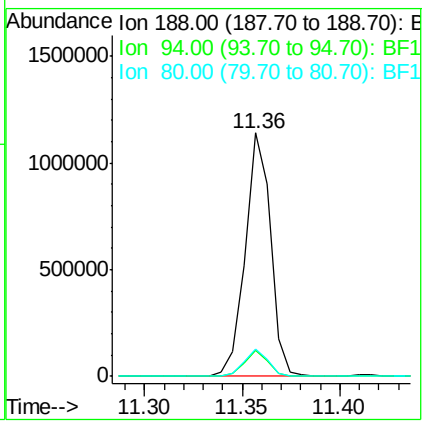


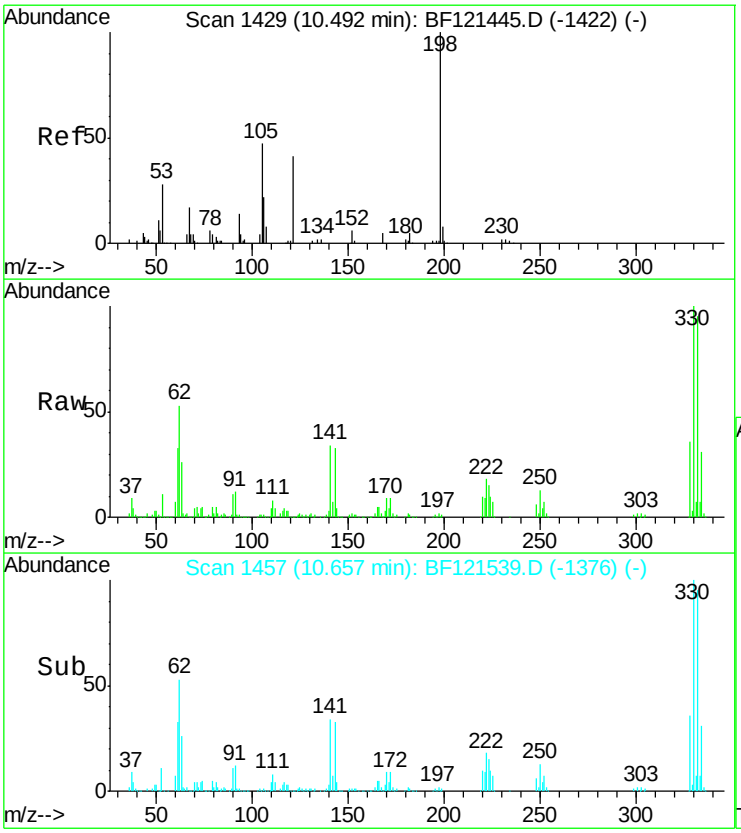
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:188 Resp: 1027066

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.8	13.2
80	11.4	9.1	13.7

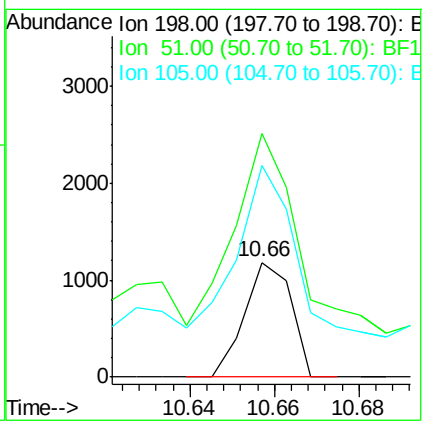


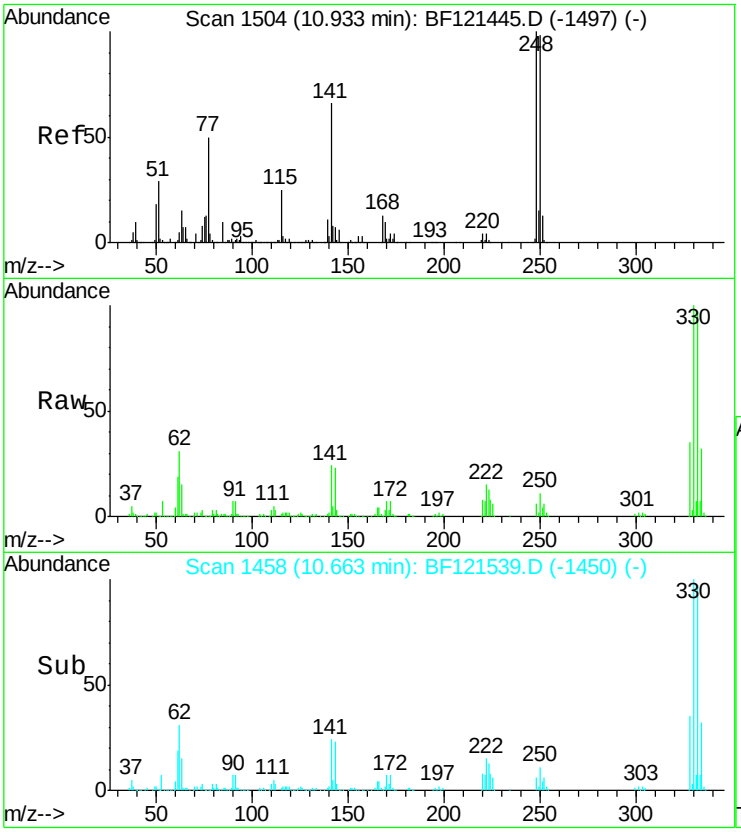


#65
4,6-Dinitro-2-methylphenol
Concen: 5.923 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.18 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:198 Resp: 909

Ion	Ratio	Lower	Upper
198	100		
51	212.8	24.9	64.9#
105	184.9	25.8	65.8#



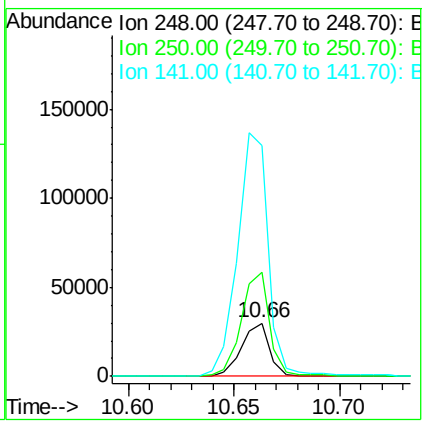


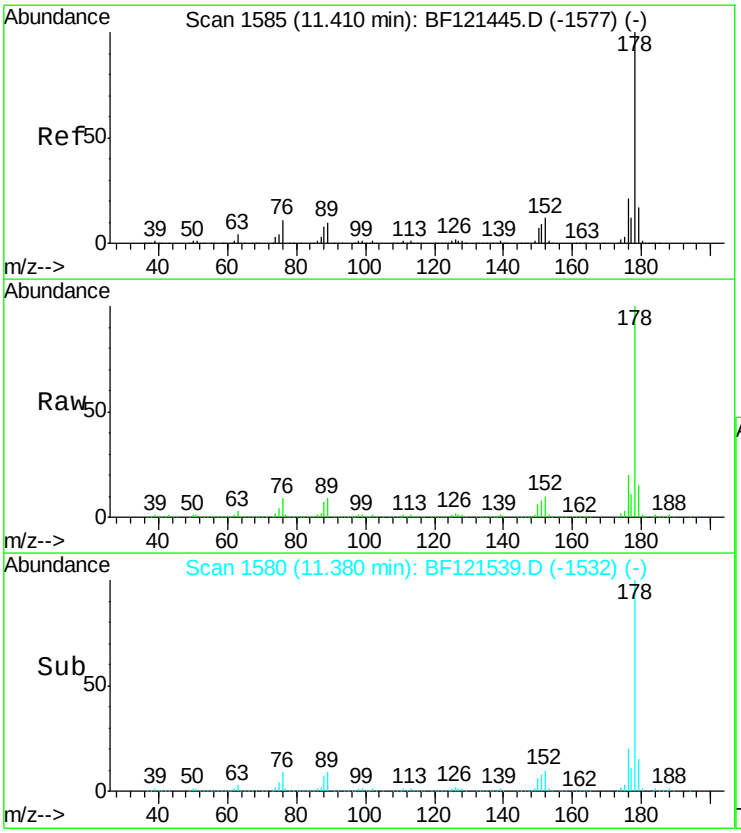
#67
4-Bromophenyl-phenylether
Concen: 2.459 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:248 Resp: 27785

Ion	Ratio	Lower	Upper
248	100		
250	196.3	77.8	116.6#
141	433.5	56.4	84.6#

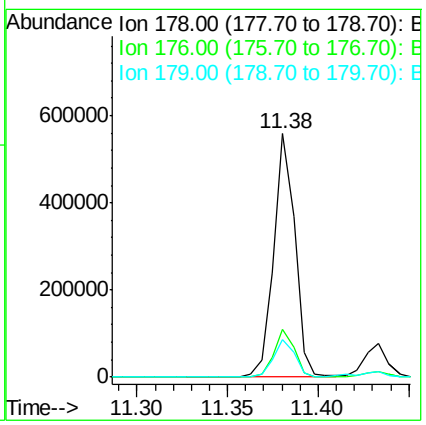


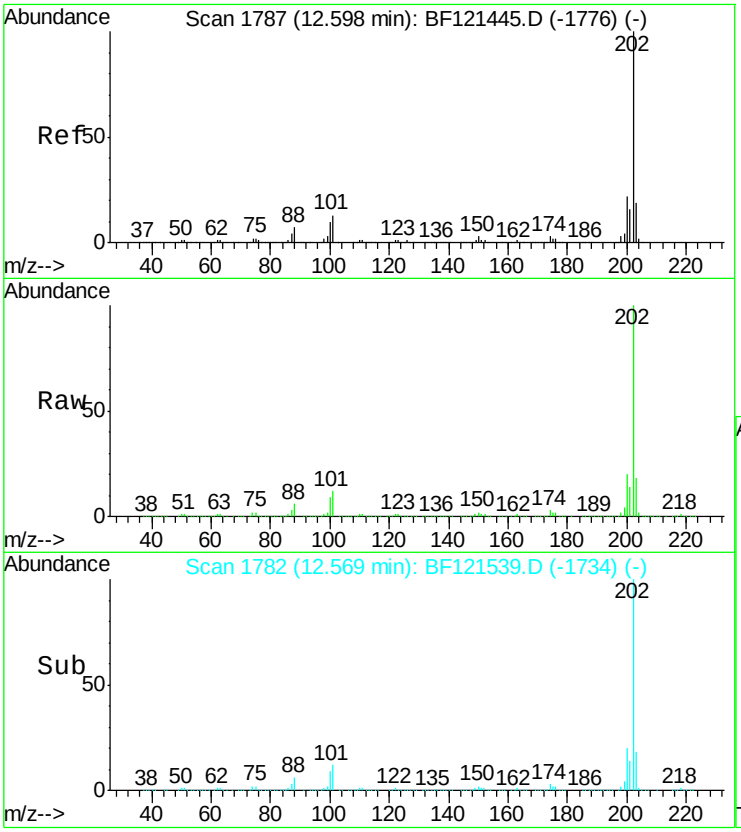


#71
Phenanthrene
Concen: 8.590 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:178 Resp: 452733

Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.0	25.4
179	15.2	13.2	19.8



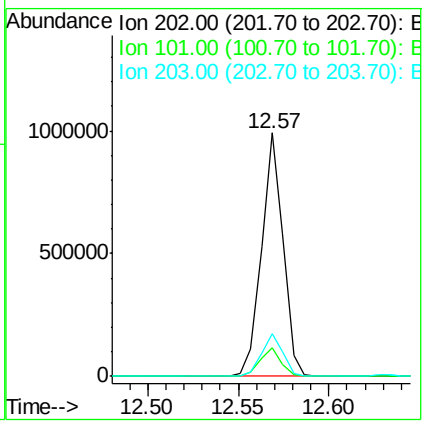


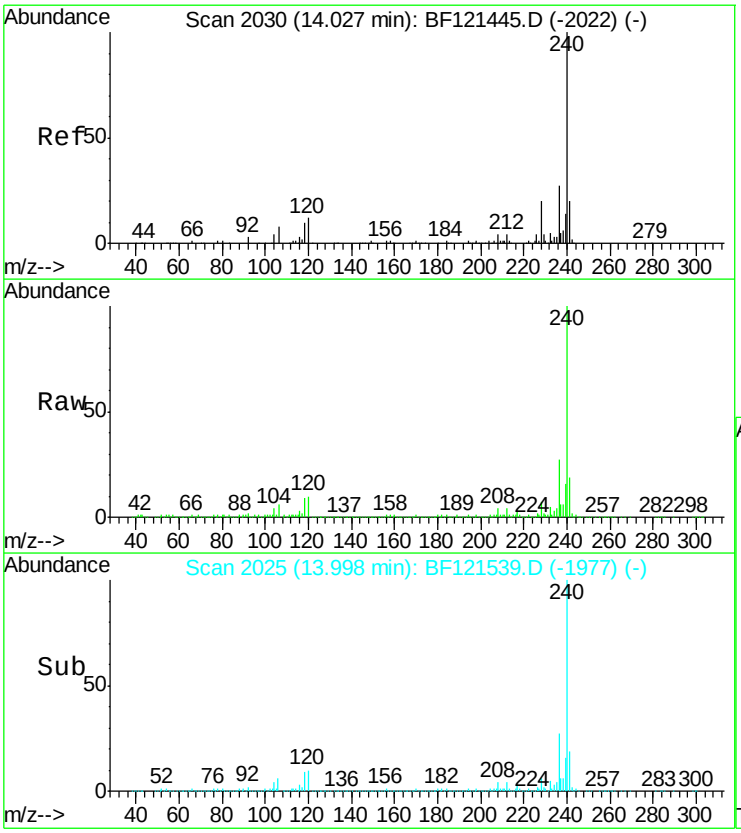
#75
Fluoranthene
Concen: 14.409 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:202 Resp: 818504

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.6
203	17.6	0.0	38.5

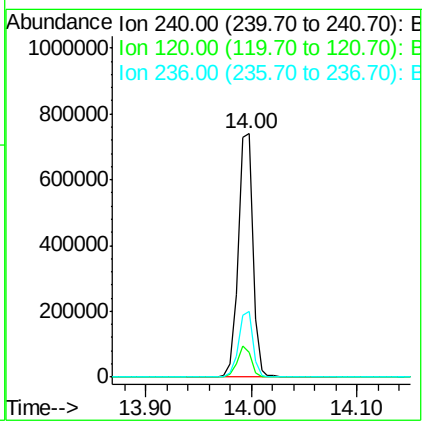


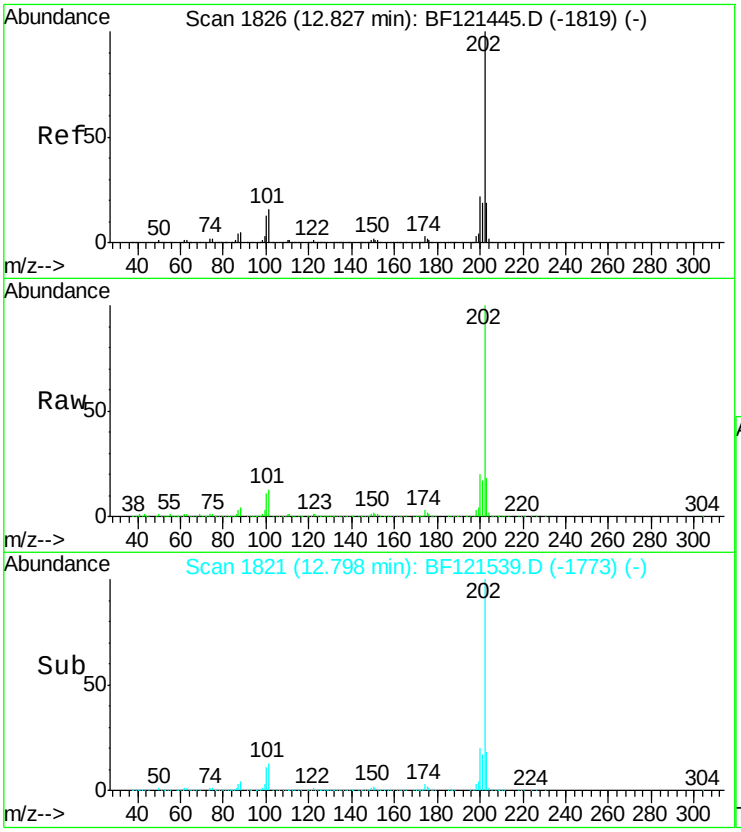


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:240 Resp: 699734

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	26.9	21.4	32.2



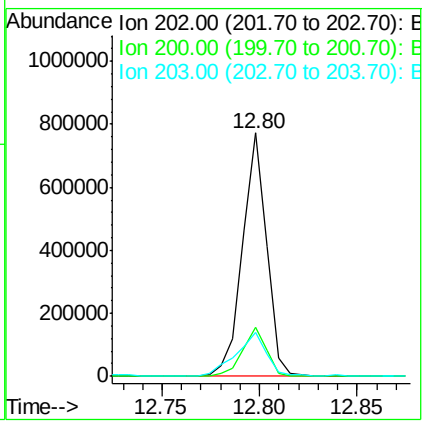


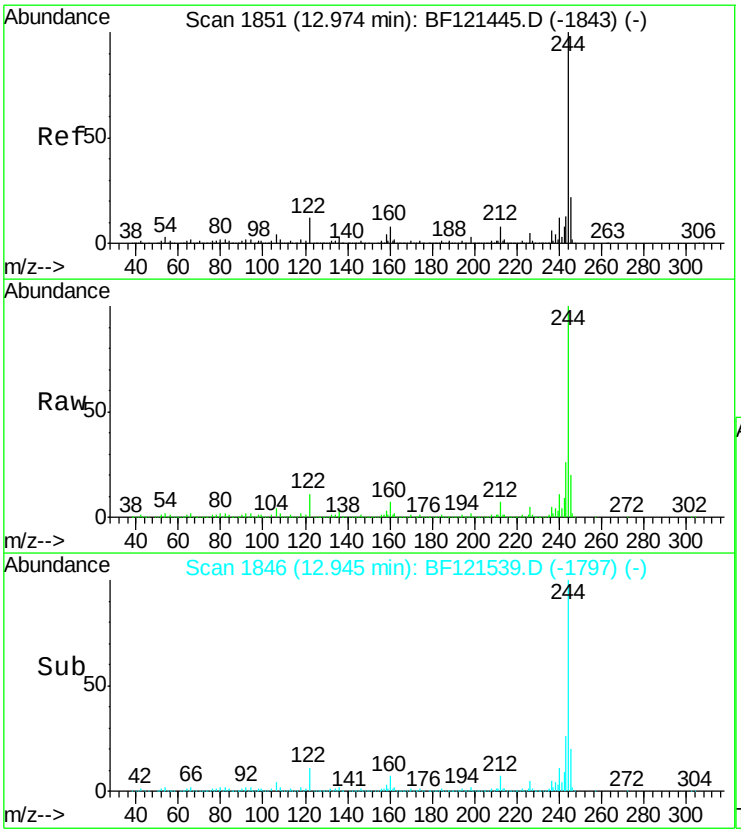
#78
Pyrene
Concen: 13.251 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:202 Resp: 662220

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	17.9	15.0	22.4

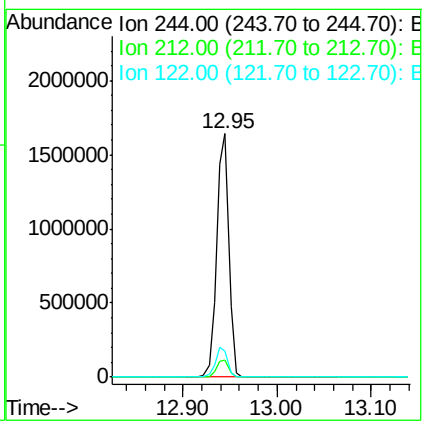


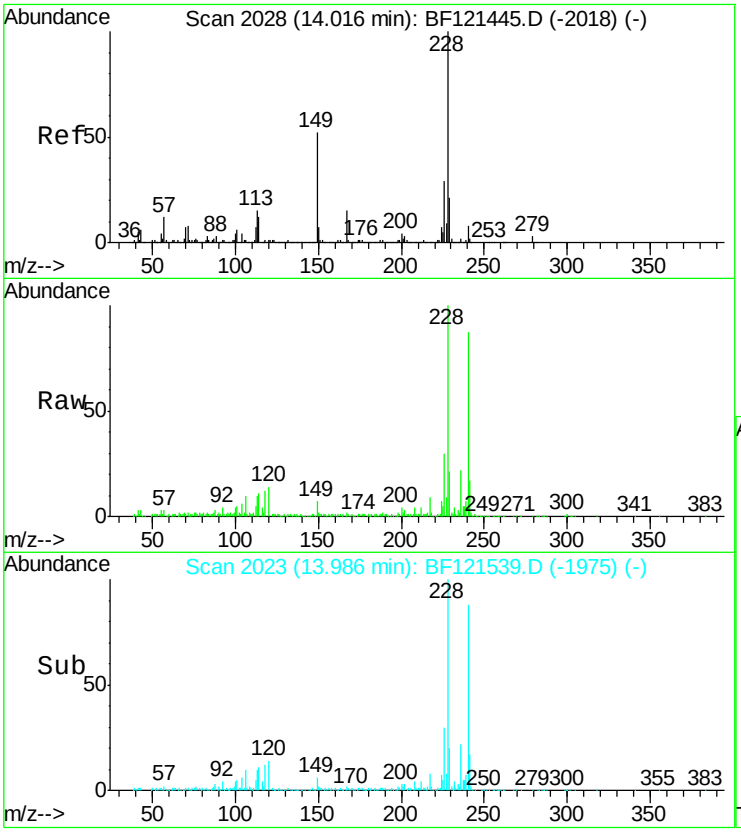


#79
Terphenyl-d14
Concen: 44.738 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:244 Resp: 1487181

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.8	9.3	13.9



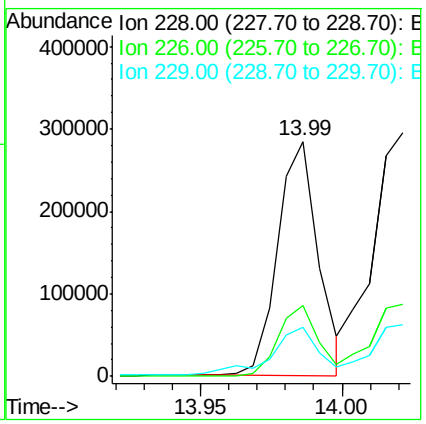


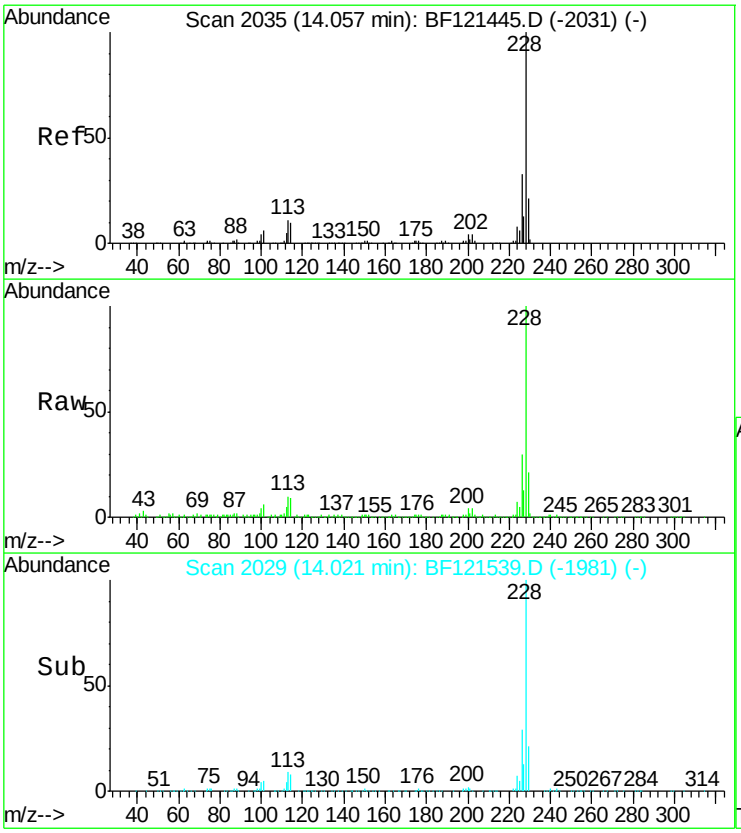
#81
Benzo(a)anthracene
Concen: 6.604 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:228 Resp: 282083

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.3	34.9
229	20.7	16.4	24.6

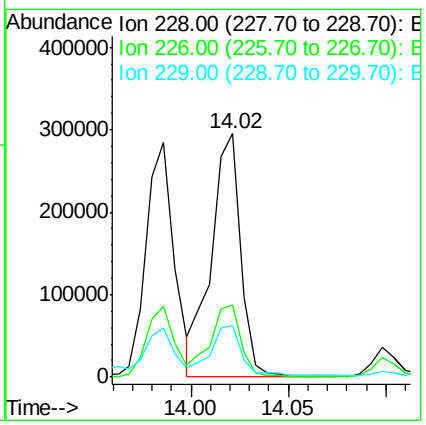


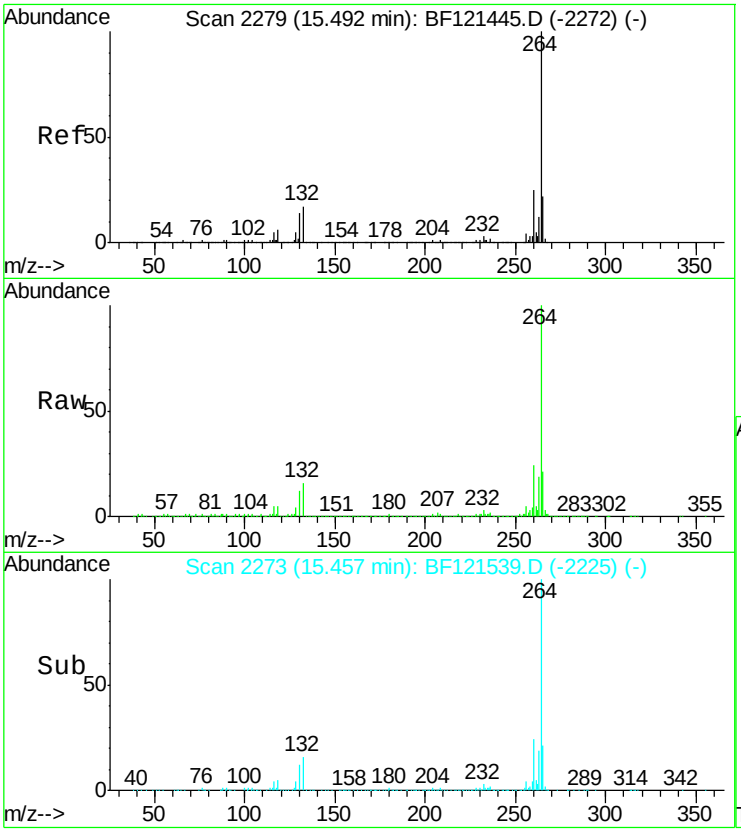


#83
Chrysene
Concen: 7.187 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:228 Resp: 307129

Ion	Ratio	Lower	Upper
228	100		
226	29.6	26.5	39.7
229	21.1	17.1	25.7



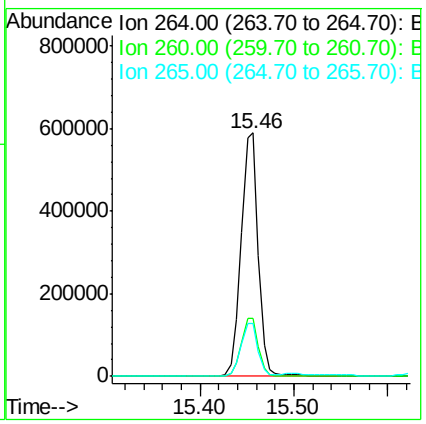


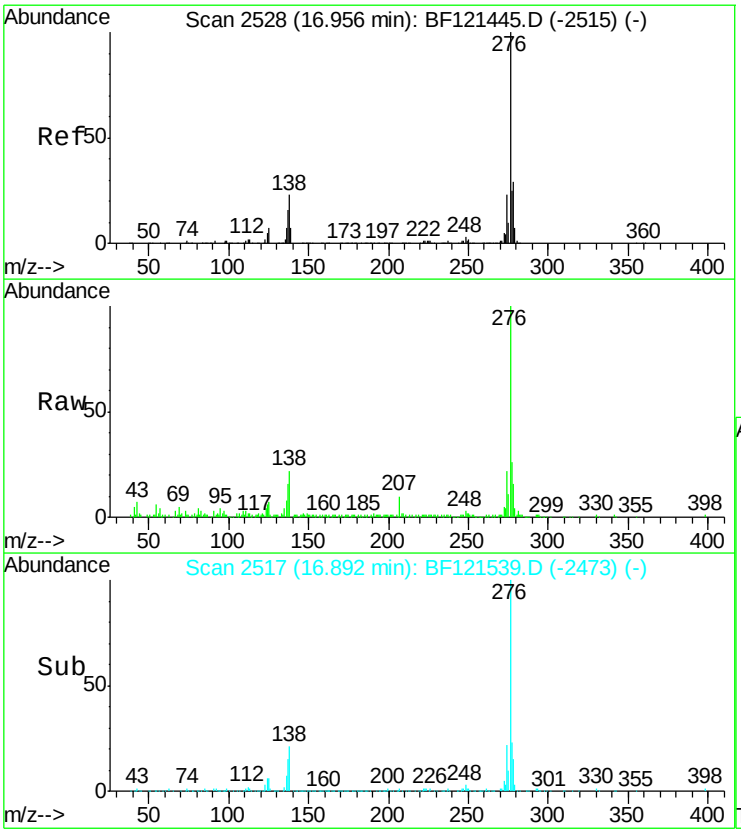
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:264 Resp: 744750

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.5	17.4	26.2

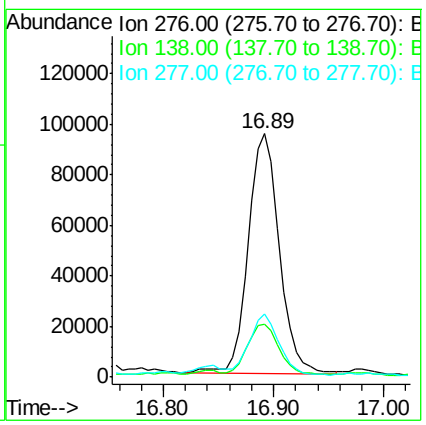


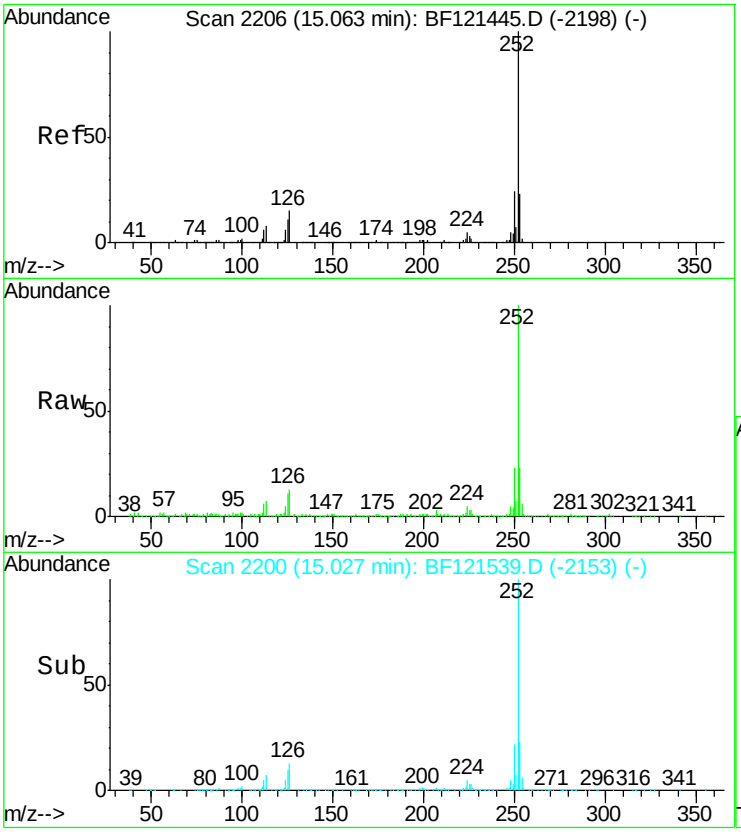


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.098 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:276 Resp: 187778

Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.7	31.1
277	24.6	20.4	30.6



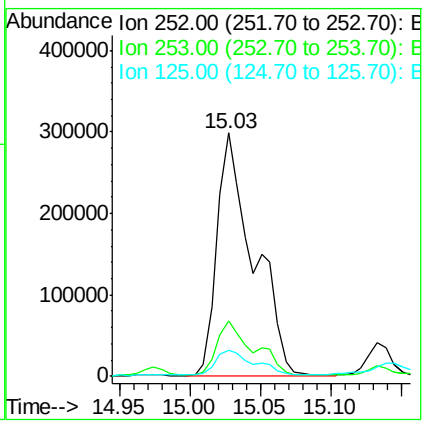


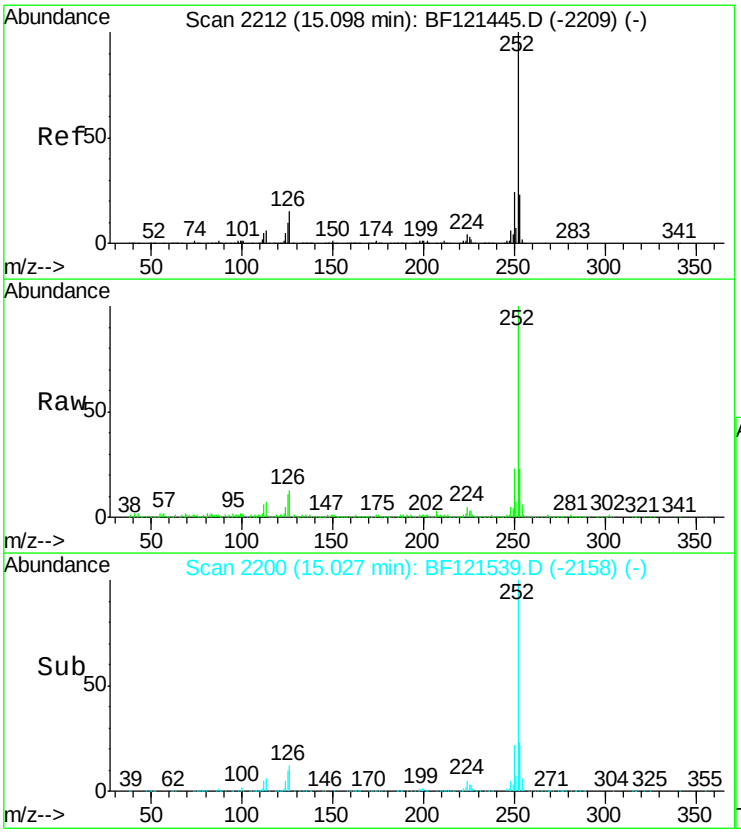
#88
Benzo(b)fluoranthene
Concen: 11.216 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:252 Resp: 543392

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	10.8	8.2	12.2

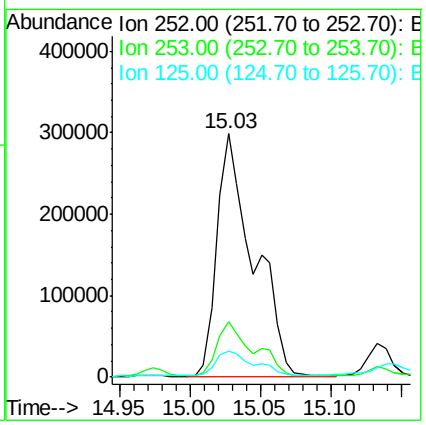


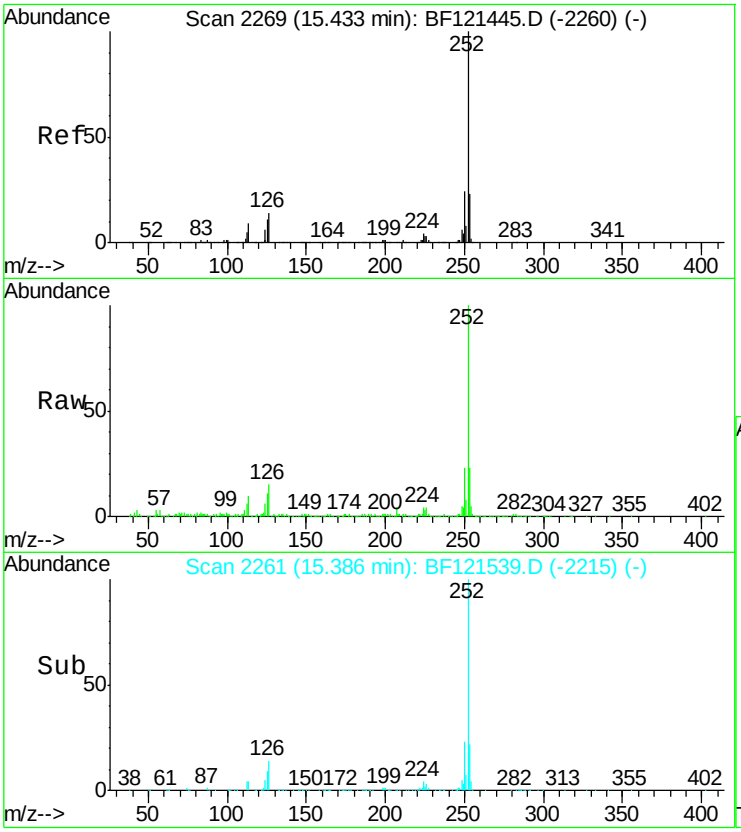


#89
Benzo(k)fluoranthene
Concen: 12.059 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:252 Resp: 543392

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	10.8	8.6	13.0



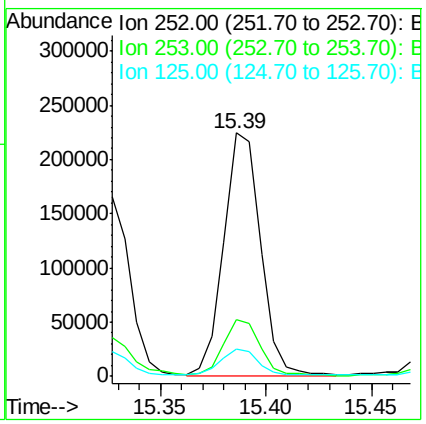


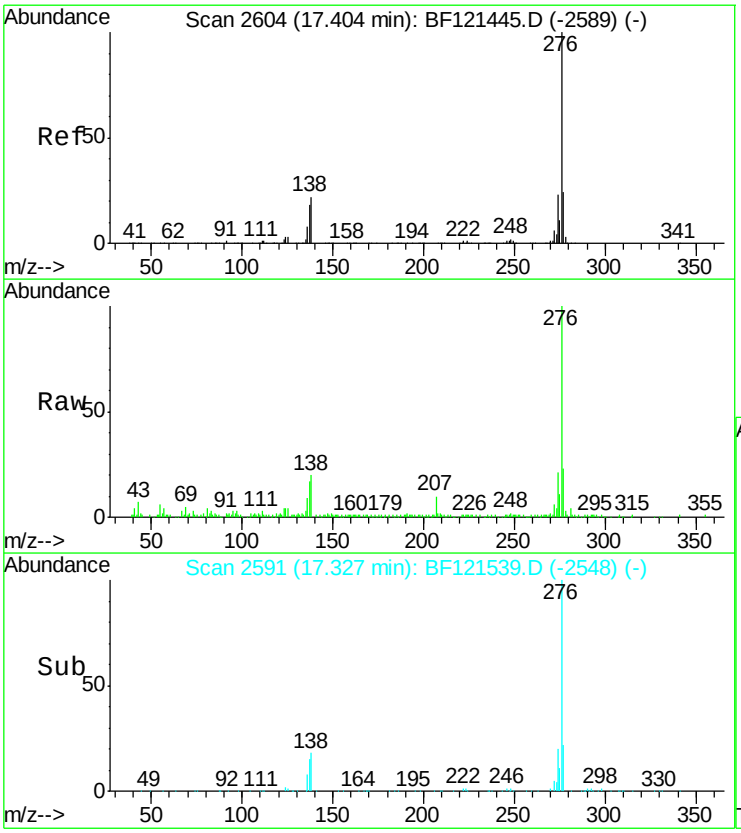
#90
Benzo(a)pyrene
Concen: 6.199 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.03 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Instrument :
BNA_F
ClientSampleId :
BKG-1-(0.0-0.5)

Tgt Ion:252 Resp: 270045

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.3	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 5.090 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.05 min
Lab File: BF121539.D
Acq: 9 Sep 2020 00:06

Tgt Ion:276 Resp: 183915

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.3	28.9
138	20.5	17.8	26.6