Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121862.D
Acq On : 6 Oct 2020 20:04
Operator : JU/CG
Sample : L4230-04 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26516

Quant Time: Oct 07 00:26:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	117035	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	429392	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	176521	20.00	ng		-0.01
64) Phenanthrene-d10	11.29	188	258063	20.00	ng		0.00
76) Chrysene-d12	13.93	240	277147	20.00	ng		0.00
86) Perylene-d12	15.37	264	244526	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	146470	18.60	ng		0.00
7) Phenol-d6	6.40	99	184395	17.85	ng		-0.01
23) Nitrobenzene-d5	7.32	82	114921	14.37	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	31722	14.46	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	206165	17.69	ng		-0.01
79) Terphenyl-d14	12.87	244	160584	11.74	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	15571	2.615	ng	#	80
25) Isophorone	7.32	82	114936	7.139	ng	#	67
54) 2,4-Dinitrophenol	10.12	184	109	9.109	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.44	198	400	7.069	ng	#	1
71) Phenanthrene	11.31	178	55471	3.945	ng	#	89
75) Fluoranthene	12.50	202	186861	12.450	ng		97
78) Pyrene	12.73	202	177441	8.763	ng		99
81) Benzo(a)anthracene	13.92	228	125871	7.179	ng		99
83) Chrysene	13.95	228	120807	6.804	ng		98
87) Indeno(1,2,3-cd)pyrene	16.78	276	59102	3.711	ng		95
88) Benzo(b)fluoranthene	14.95	252	225292	13.782	ng	#	95
89) Benzo(k)fluoranthene	14.95	252	225292	15.050	ng	#	94
90) Benzo(a)pyrene	15.30	252	103688	7.462	ng	#	92
92) Benzo(g,h,i)perylene	17.21	276	58919	4.522	ng		99

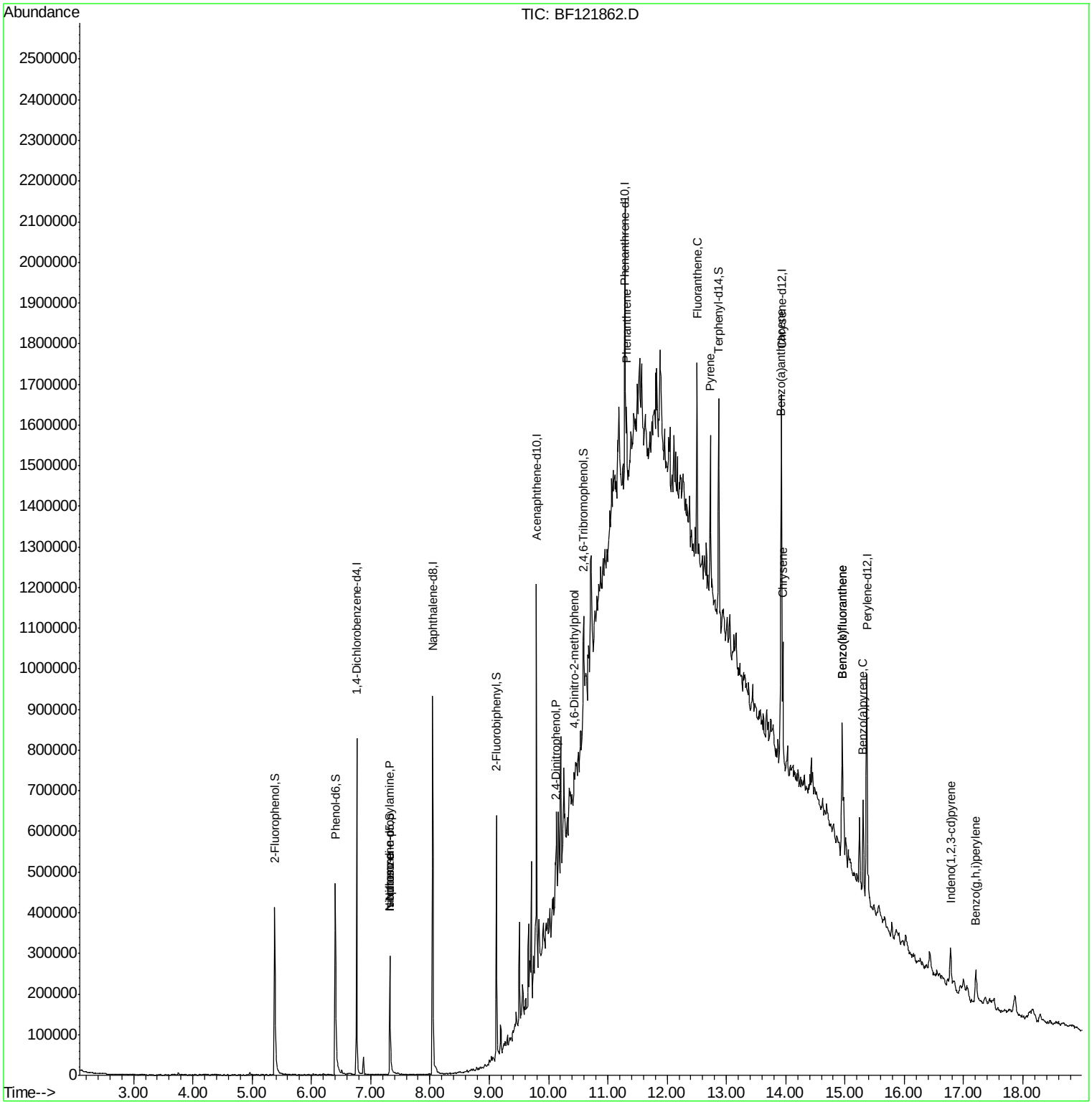
(#) = qualifier out of range (m) = manual integration (+) = signals summed

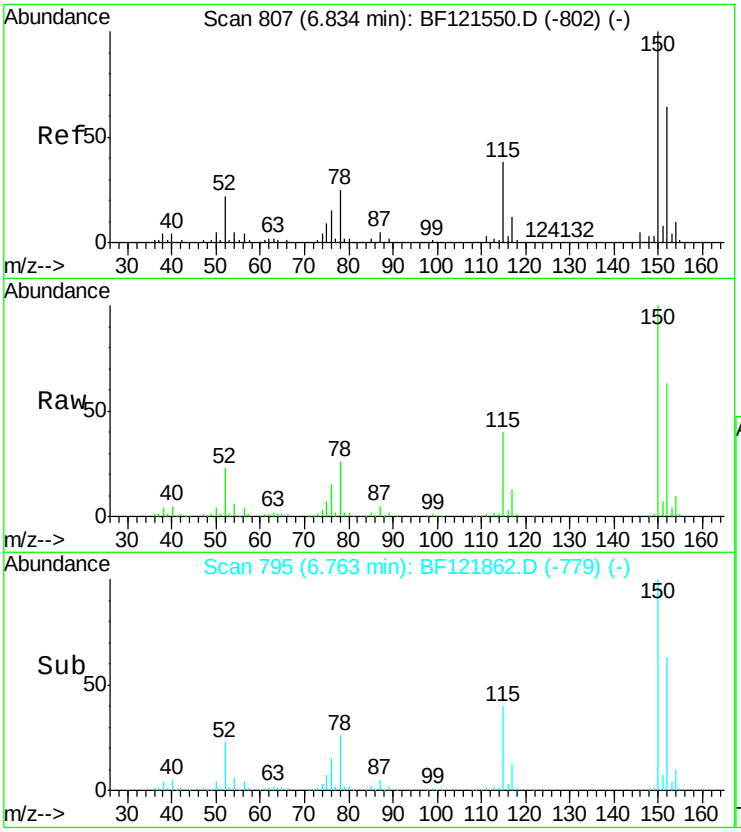
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121862.D
Acq On : 6 Oct 2020 20:04
Operator : JU/CG
Sample : L4230-04 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26516

Quant Time: Oct 07 00:26:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration



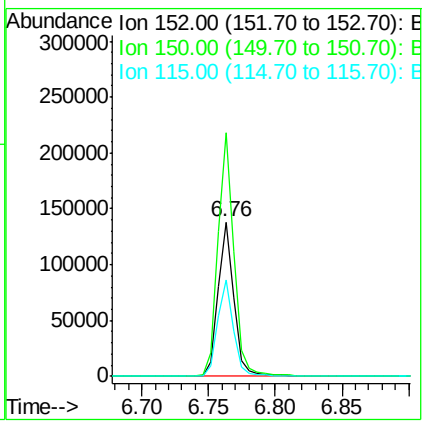


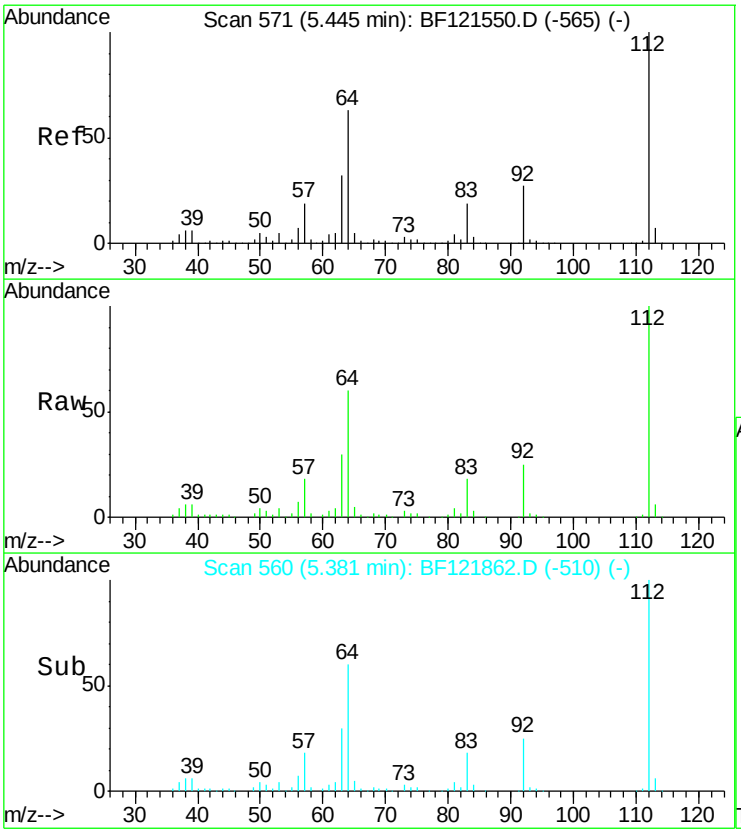
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:152 Resp: 117035

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.3	187.9
115	62.6	51.9	77.9

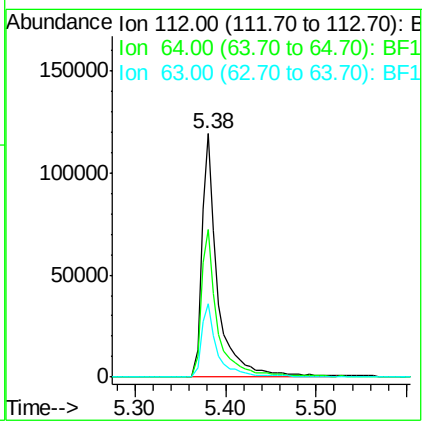


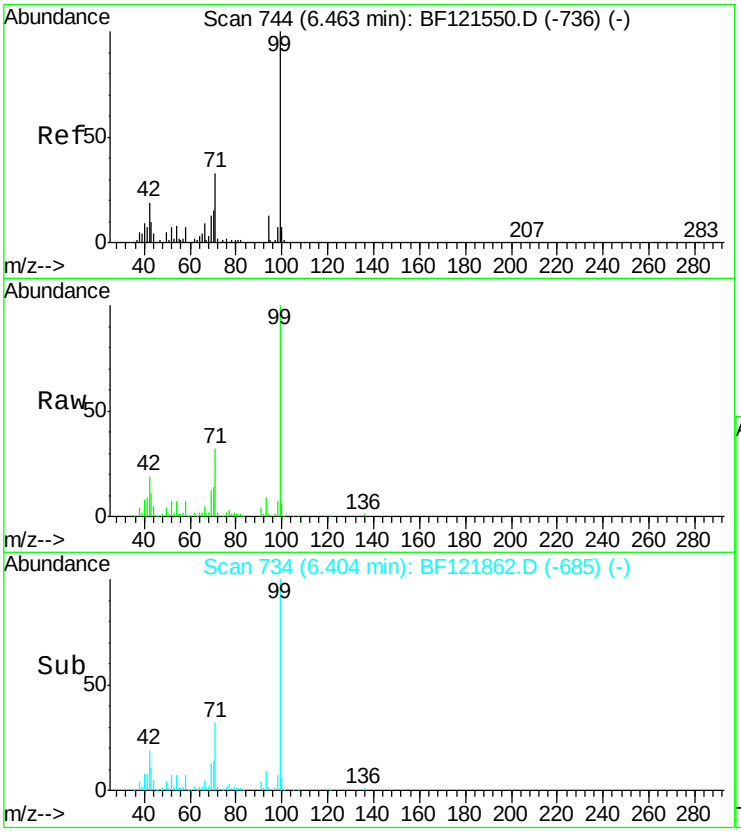


#5
2-Fluorophenol
Concen: 18.599 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:112 Resp: 146470

Ion	Ratio	Lower	Upper
112	100		
64	60.5	50.4	75.6
63	29.9	25.8	38.6



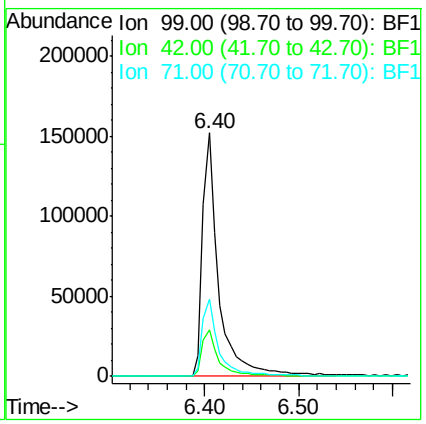


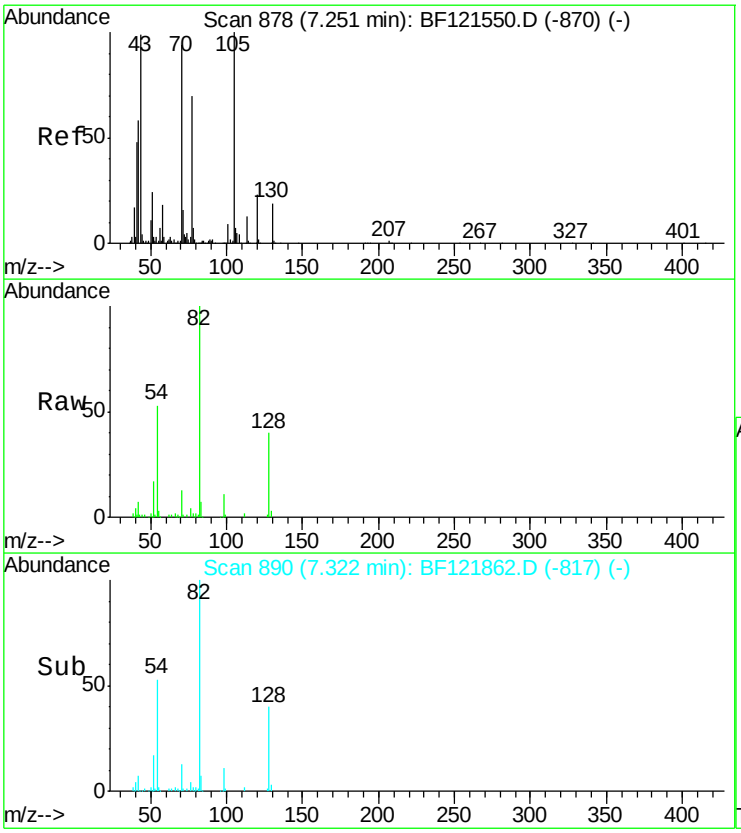
#7
Phenol-d6
Concen: 17.847 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion: 99 Resp: 184395

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.9	23.9
71	31.7	27.1	40.7

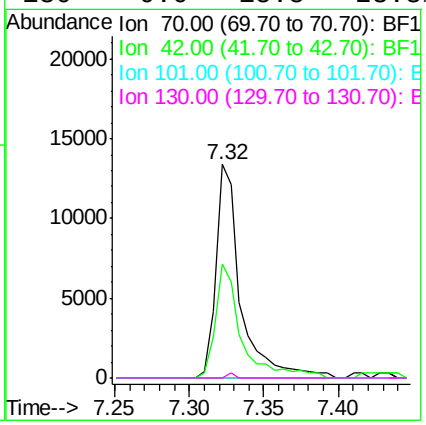


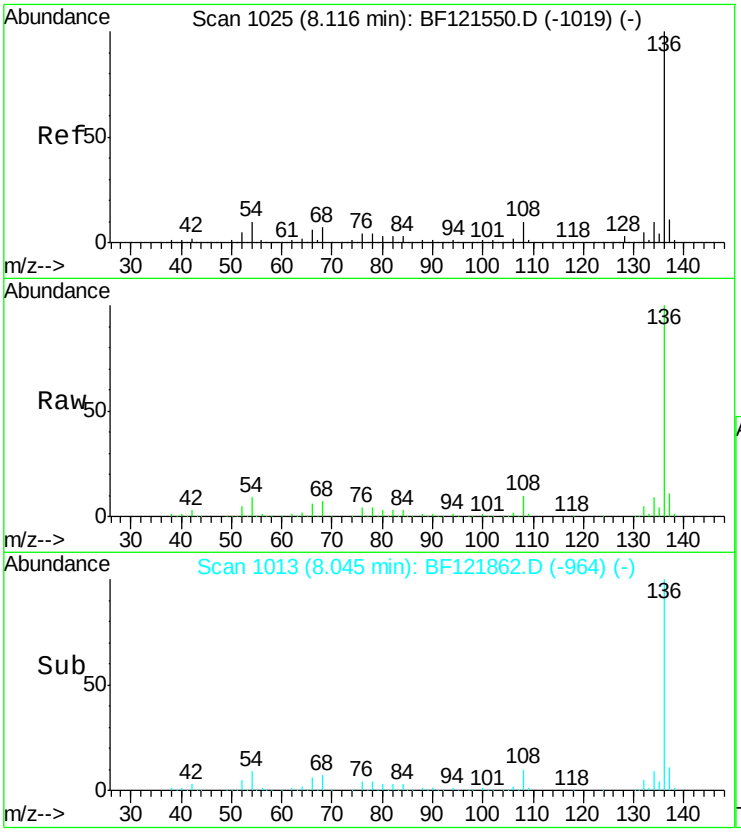


#19
n-Nitroso-di-n-propylamine
Concen: 2.615 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.13 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion: 70 Resp: 15571

Ion	Ratio	Lower	Upper
70	100		
42	53.5	50.2	75.4
101	0.0	7.5	11.3#
130	0.0	15.5	23.3#



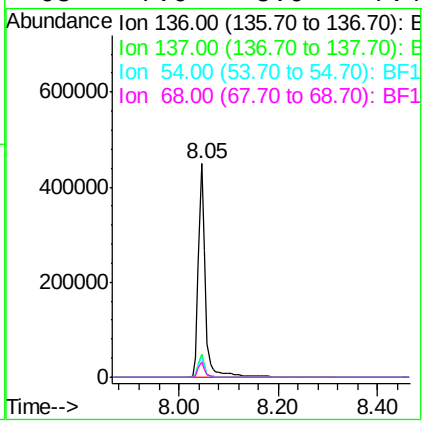


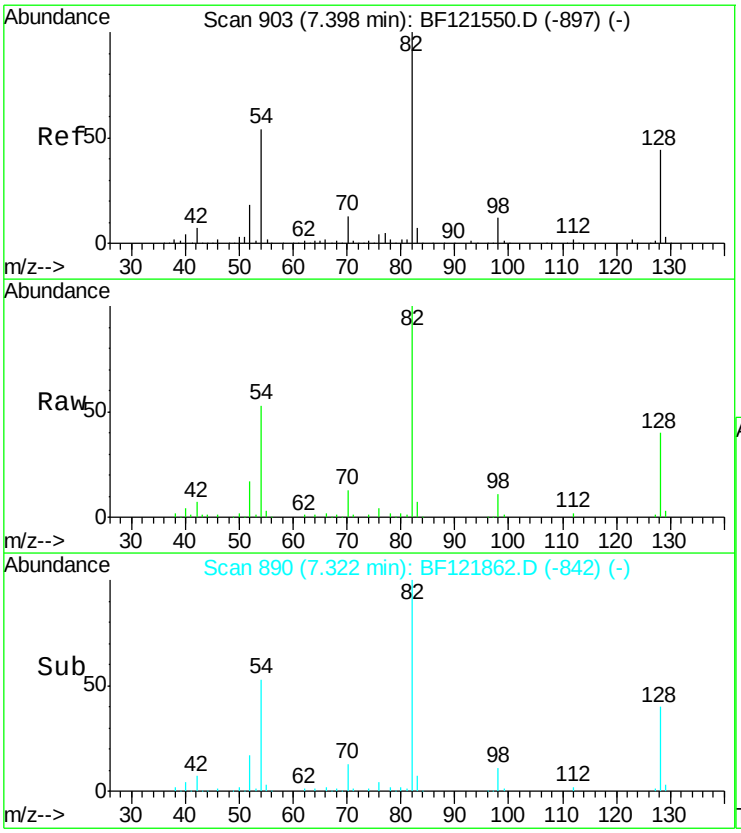
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:136 Resp: 429392

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.4	7.1	10.7
68	7.0	5.0	7.4

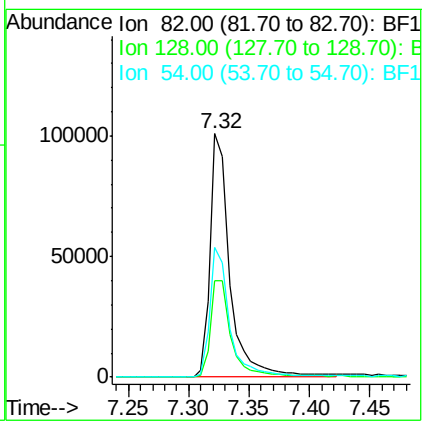


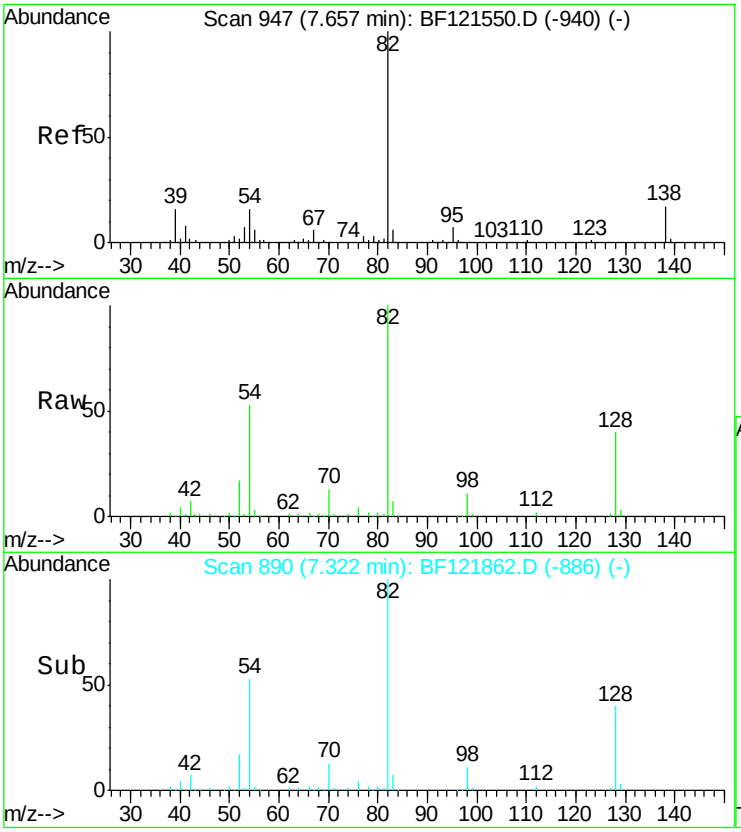


#23
Nitrobenzene-d5
Concen: 14.370 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion: 82 Resp: 114921

Ion	Ratio	Lower	Upper
82	100		
128	39.6	35.0	52.4
54	53.2	43.9	65.9



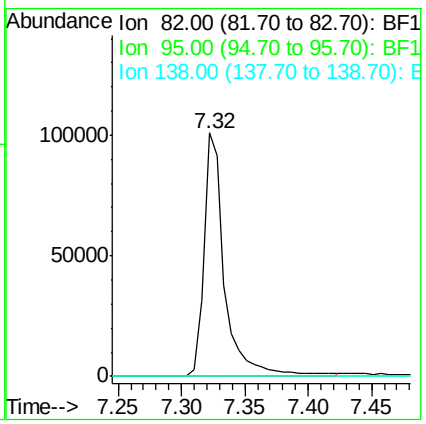


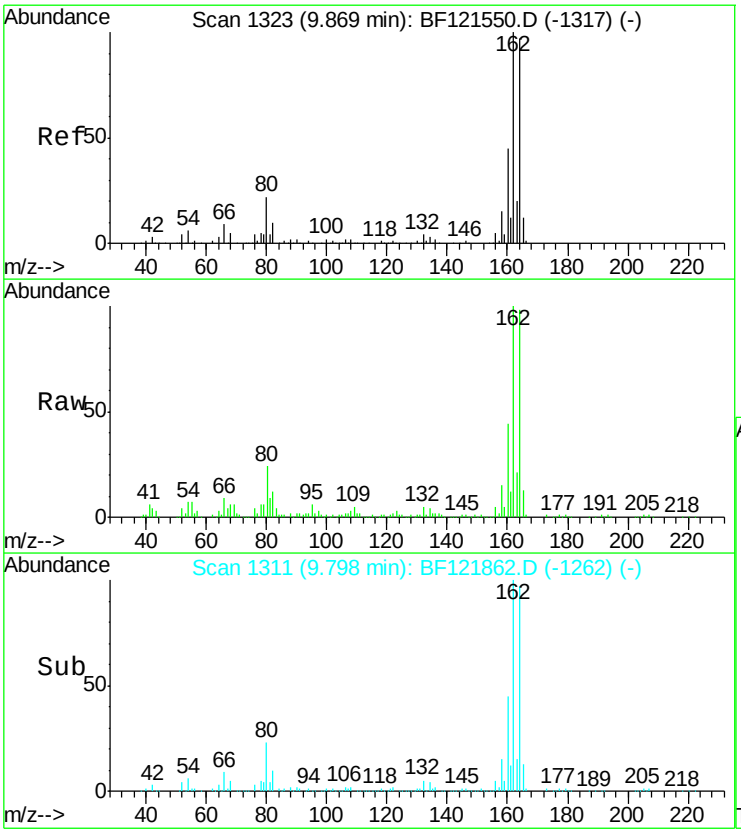
#25
Isophorone
Concen: 7.139 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion: 82 Resp: 114936

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

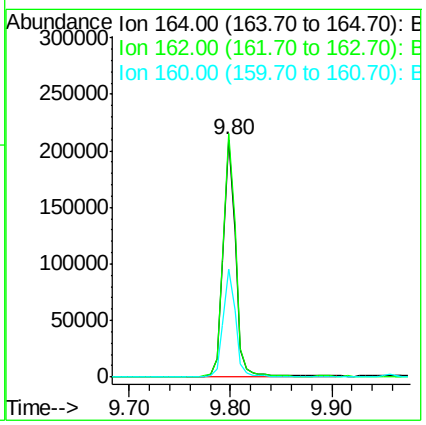


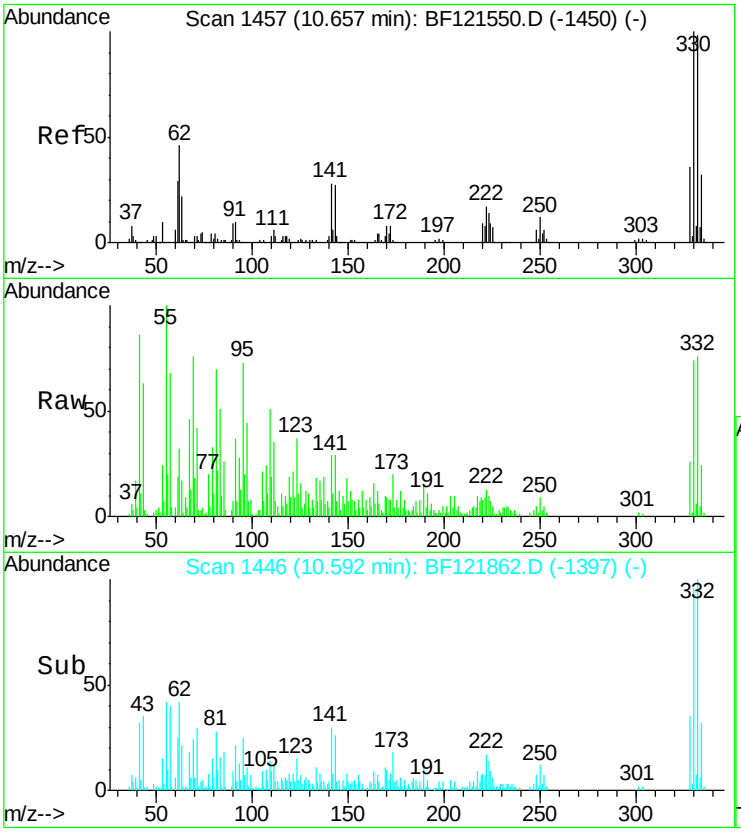


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:164 Resp: 176521

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.2	124.8
160	45.6	37.5	56.3



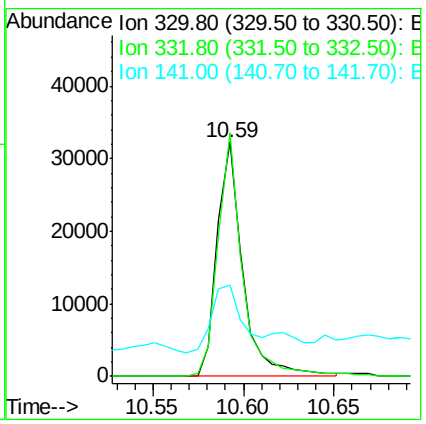


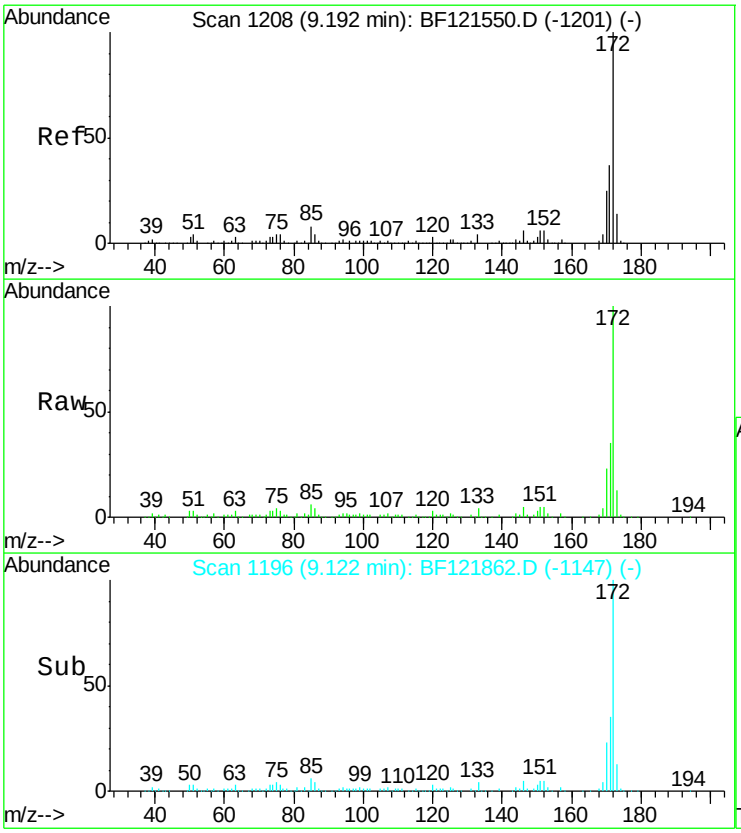
#42
2,4,6-Tribromophenol
Concen: 14.459 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:330 Resp: 31722

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.3	115.9
141	34.3	22.3	33.5#

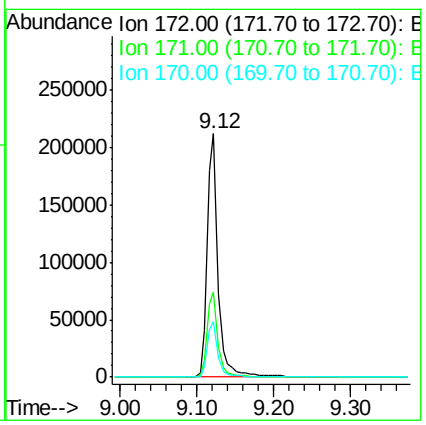


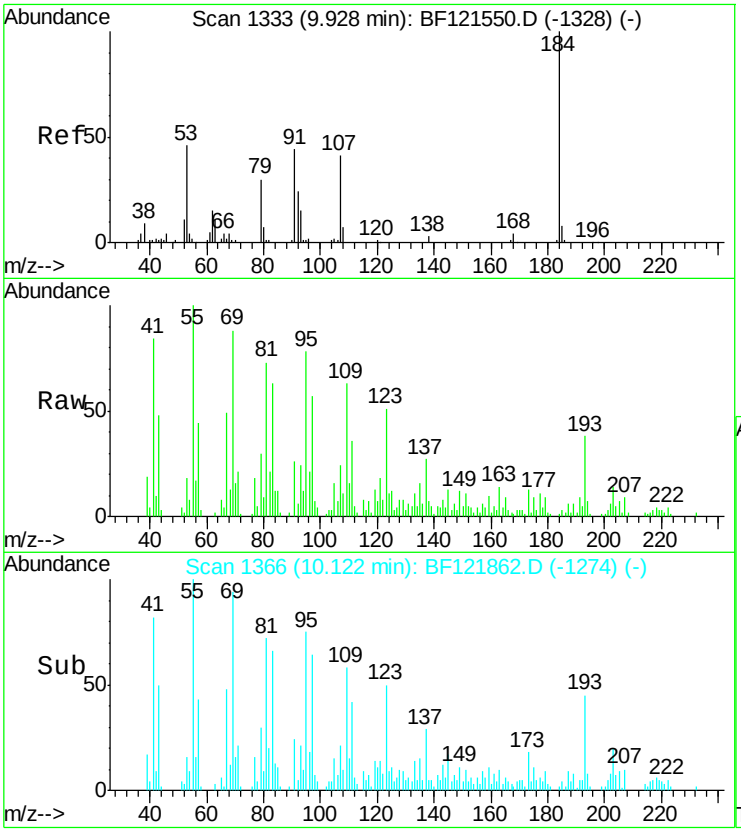


#45
2-Fluorobiphenyl
Concen: 17.689 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:172 Resp: 206165

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.1	43.7
170	22.9	19.8	29.6



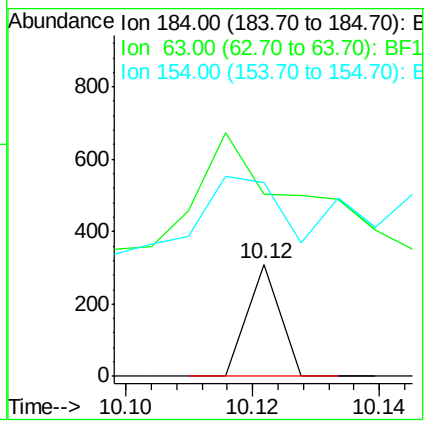


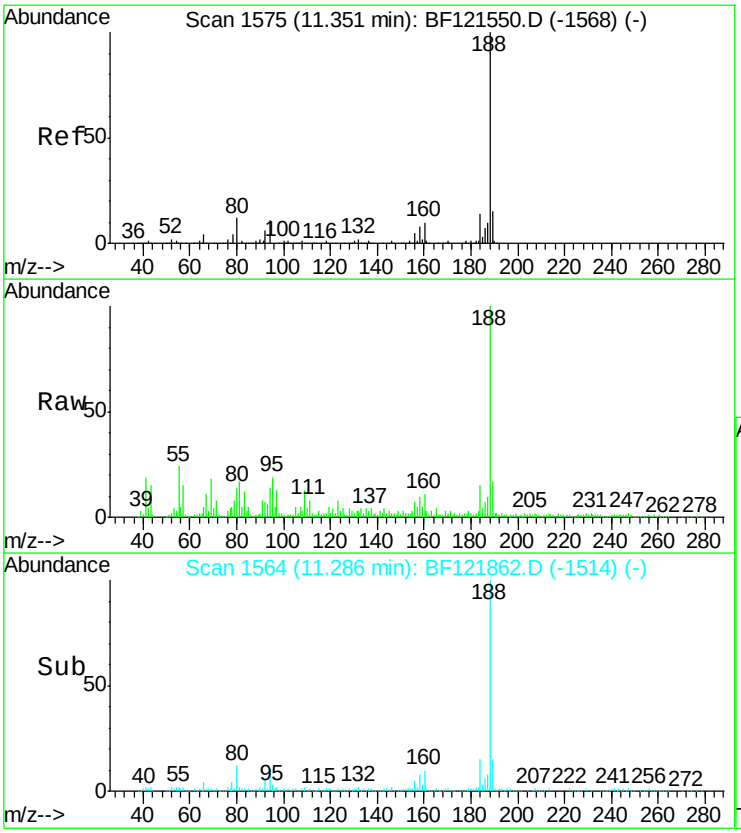
#54
2,4-Dinitrophenol
Concen: 9.109 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.24 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	162.3	45.9	68.9#
154	172.3	45.8	68.6#

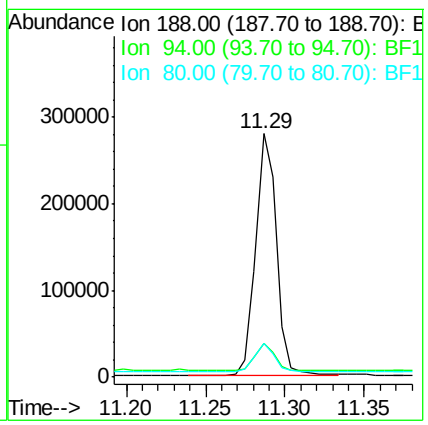


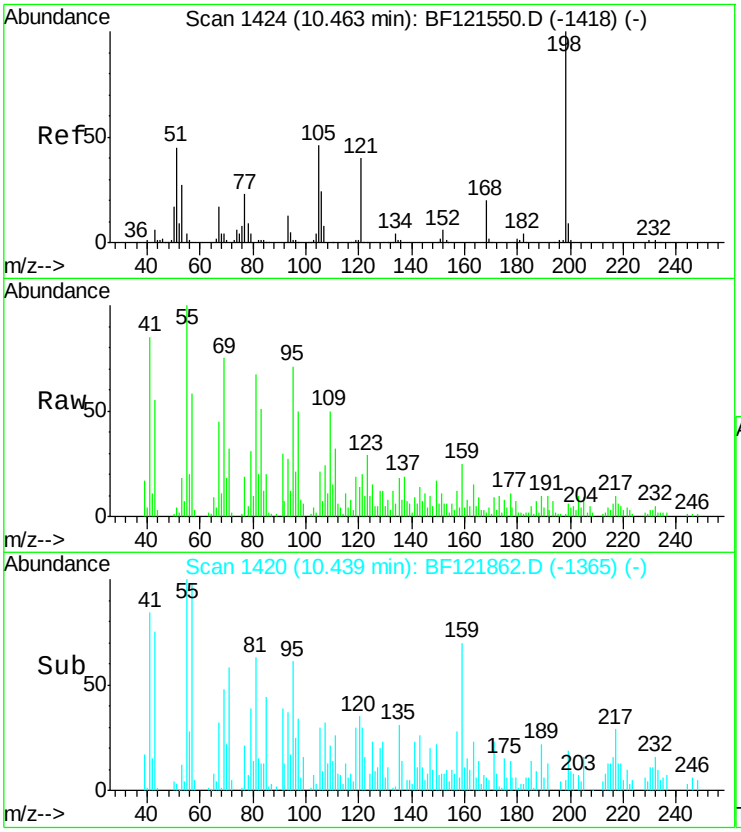


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:188 Resp: 258063

Ion	Ratio	Lower	Upper
188	100		
94	13.8	8.3	12.5#
80	13.8	9.1	13.7#



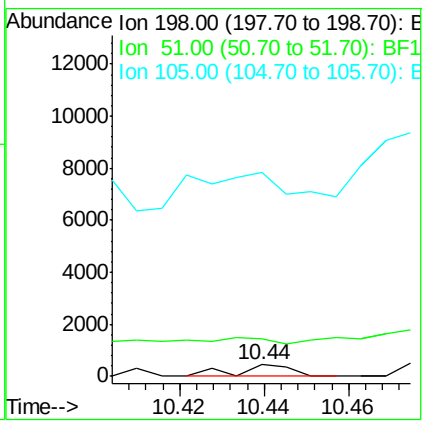


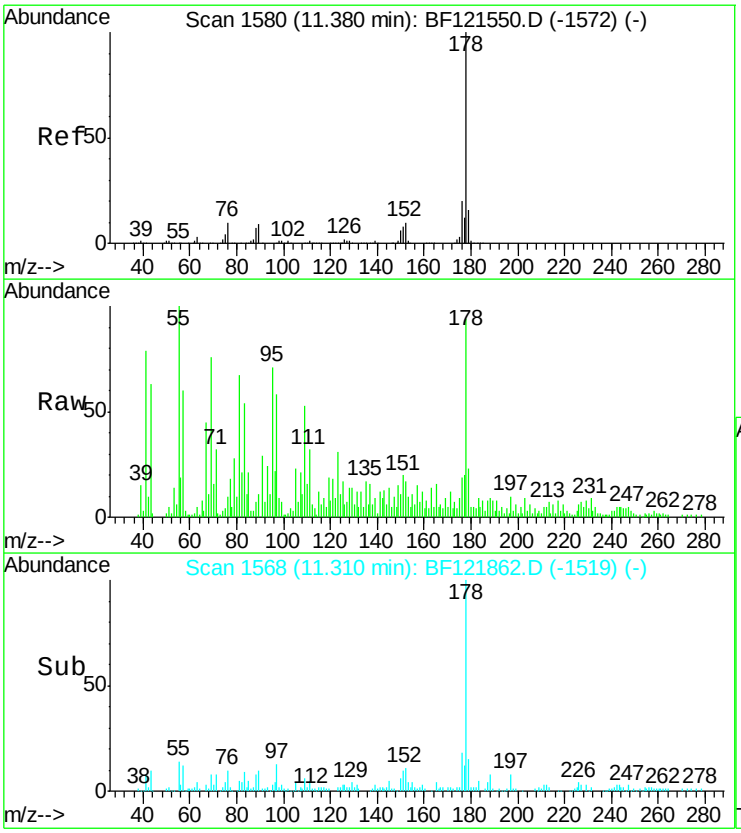
#65
4,6-Dinitro-2-methylphenol
Concen: 7.069 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:198 Resp: 400

Ion	Ratio	Lower	Upper
198	100		
51	328.3	29.6	69.6#
105	1758.2	24.4	64.4#

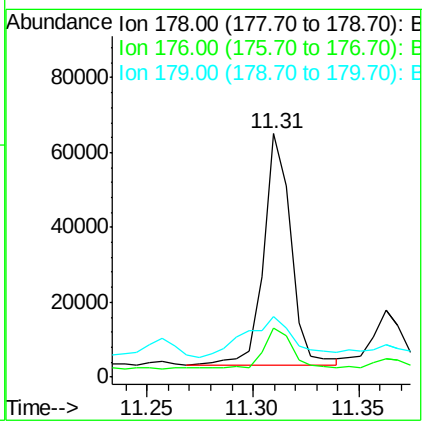


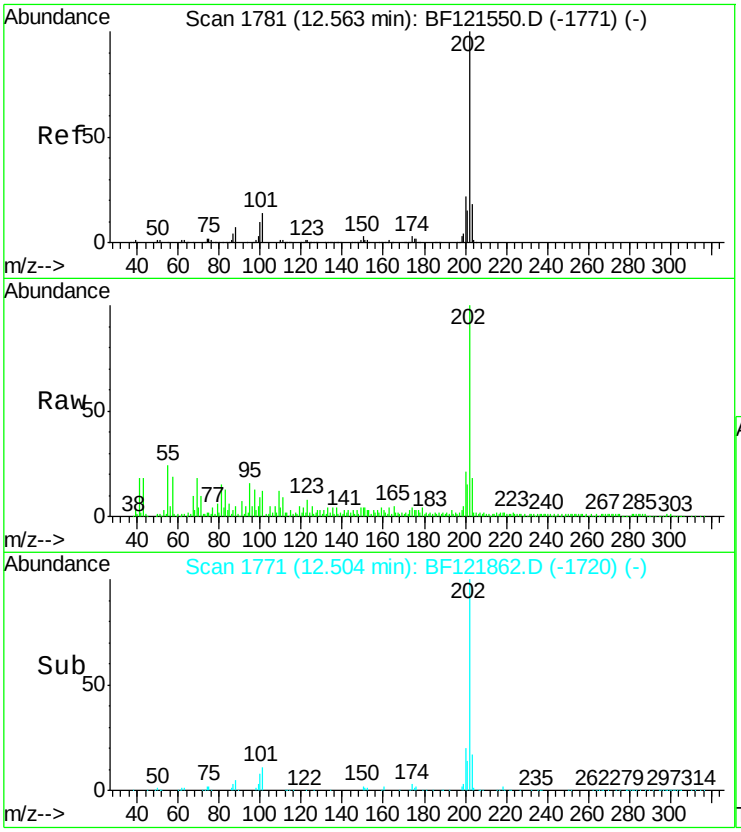


#71
Phenanthrene
Concen: 3.945 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:178 Resp: 55471

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	25.0	12.2	18.4#



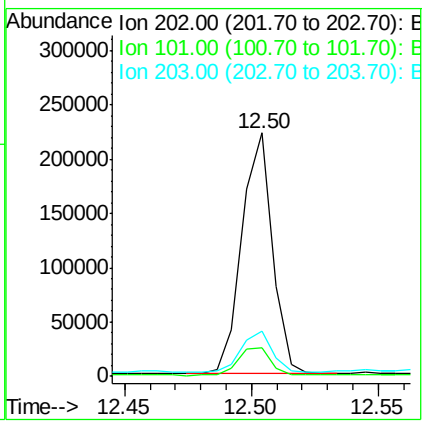


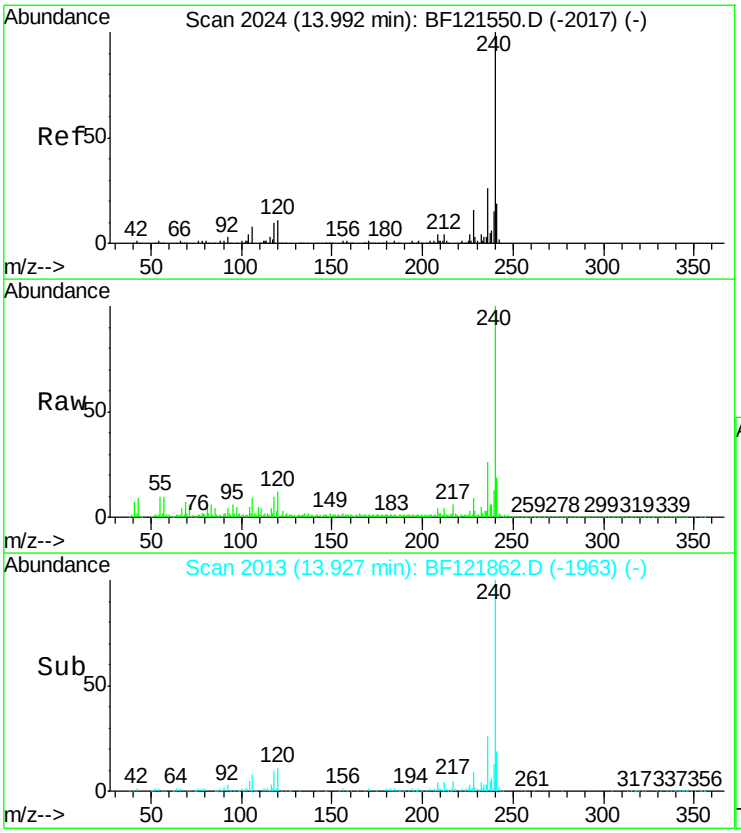
#75
Fluoranthene
Concen: 12.450 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:202 Resp: 186861

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.4
203	18.5	0.0	37.9

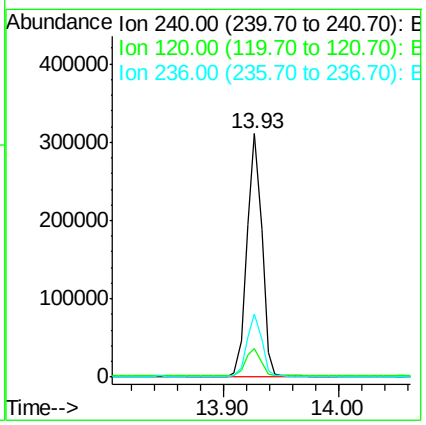


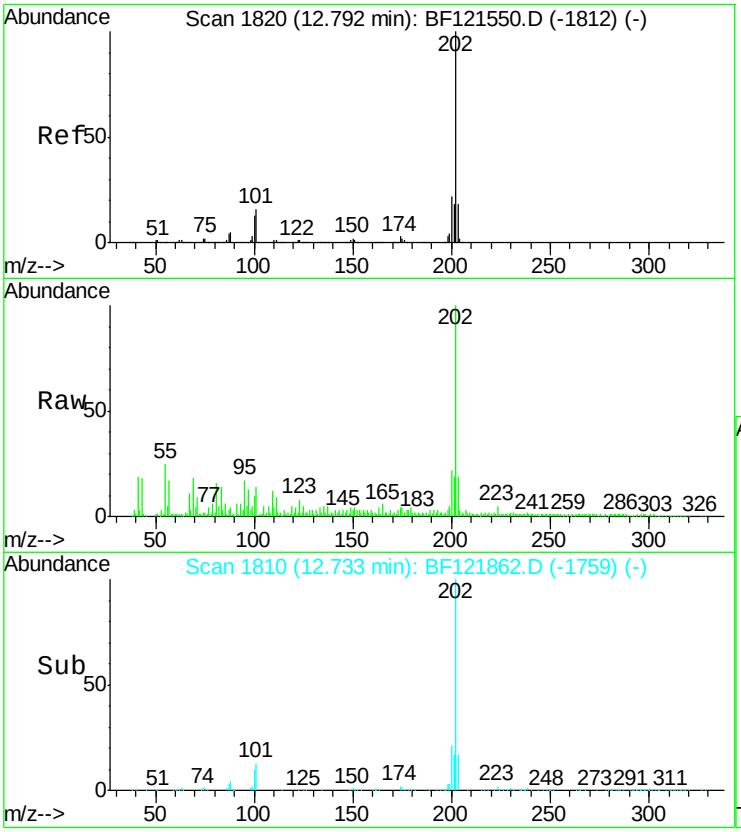


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:240 Resp: 277147

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.2	13.8
236	26.2	20.9	31.3



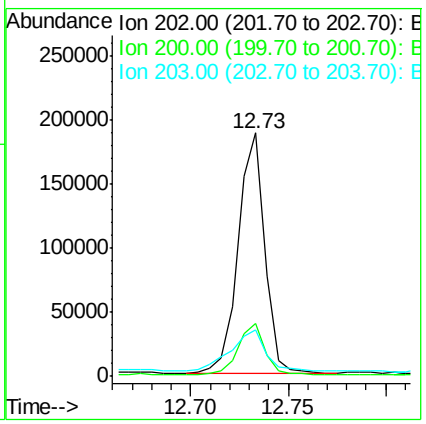


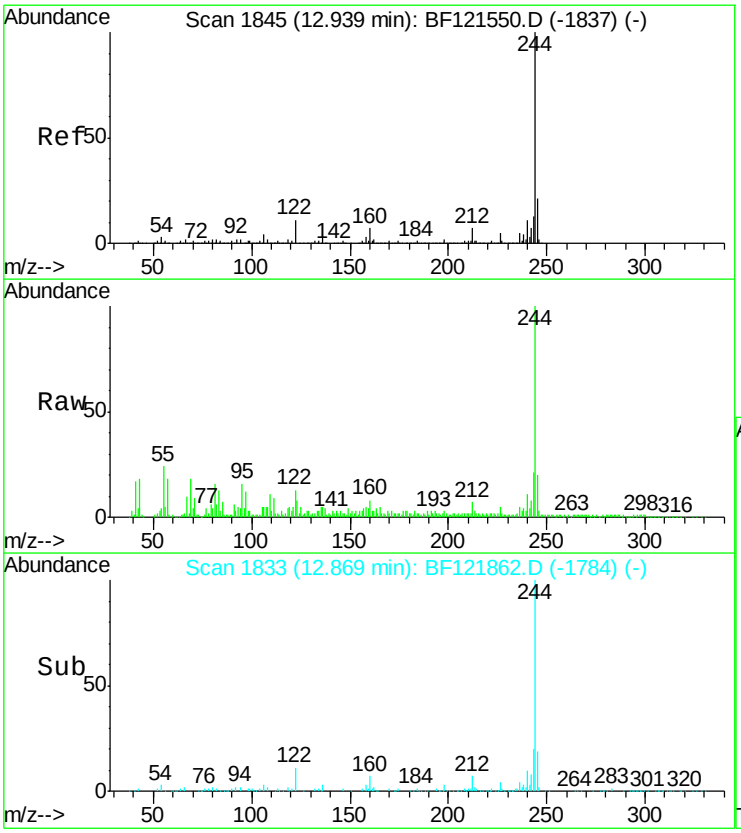
#78
Pyrene
Concen: 8.763 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:202 Resp: 177441

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	19.1	14.6	21.8

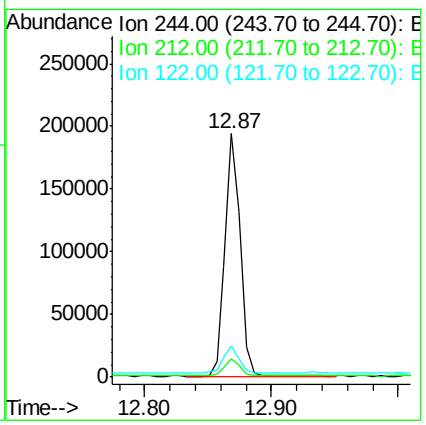


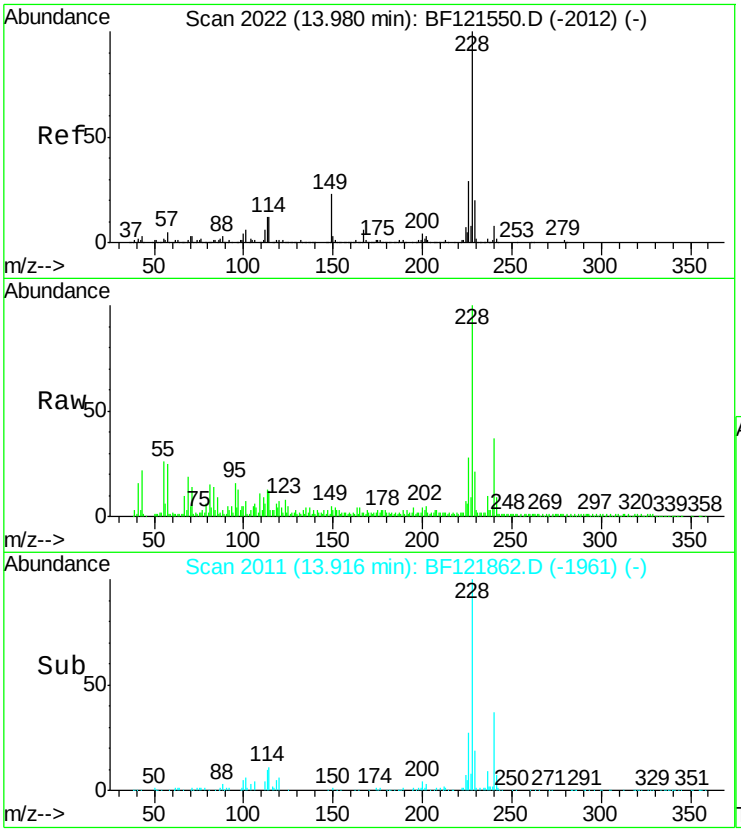


#79
Terphenyl-d14
Concen: 11.738 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:244 Resp: 160584

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.2
122	13.0	8.1	12.1#



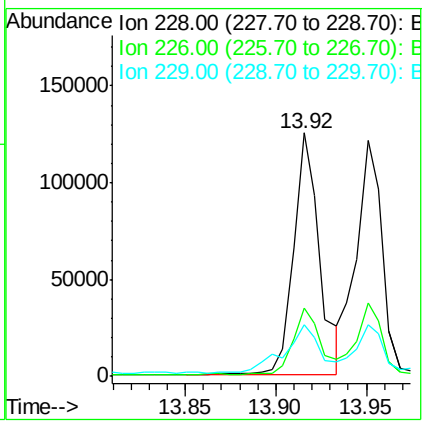


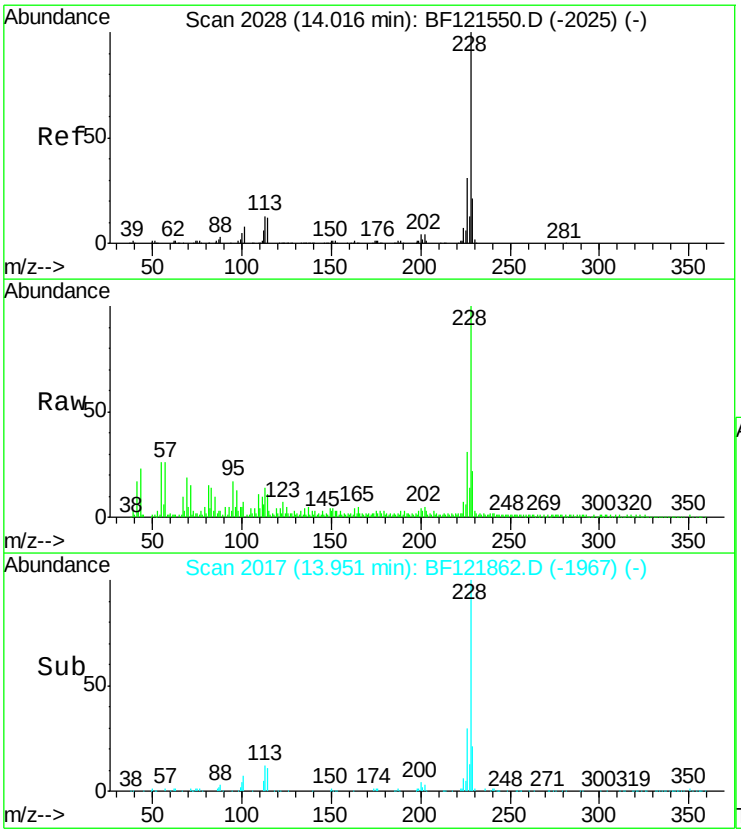
#81
Benzo(a)anthracene
Concen: 7.179 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:228 Resp: 125871

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	21.0	16.2	24.4

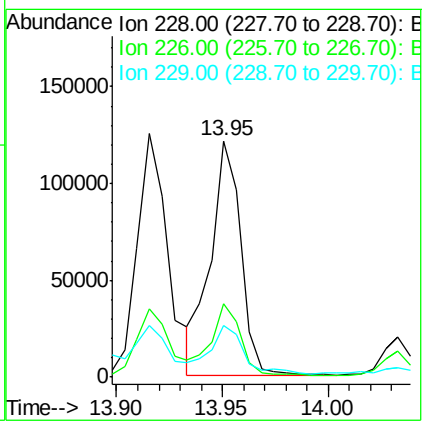


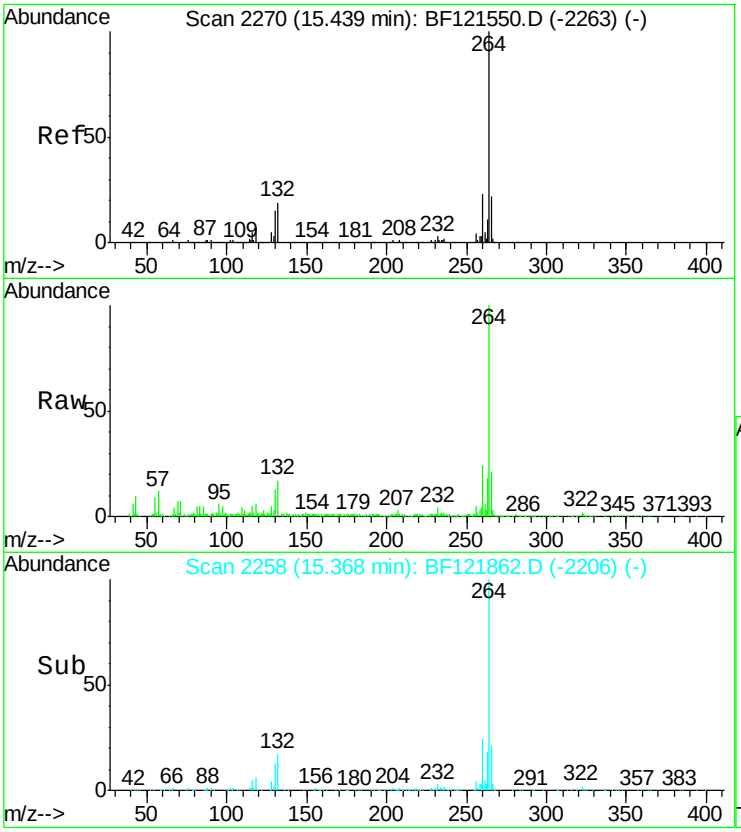


#83
Chrysene
Concen: 6.804 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:228 Resp: 120807

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	22.1	15.9	23.9



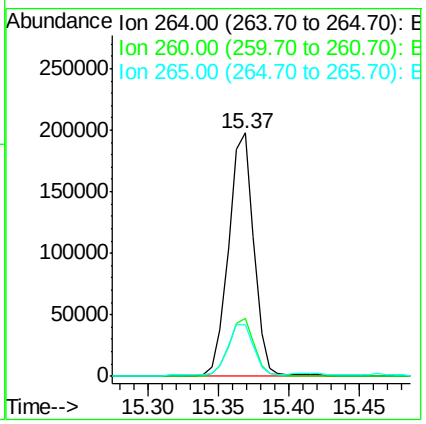


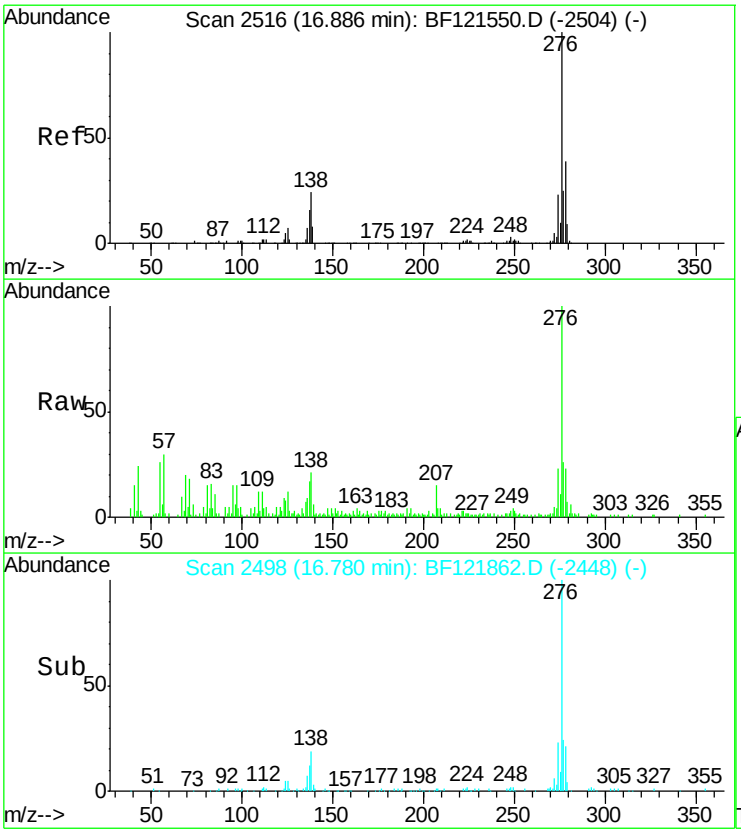
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:264 Resp: 244526

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.4	17.3	25.9

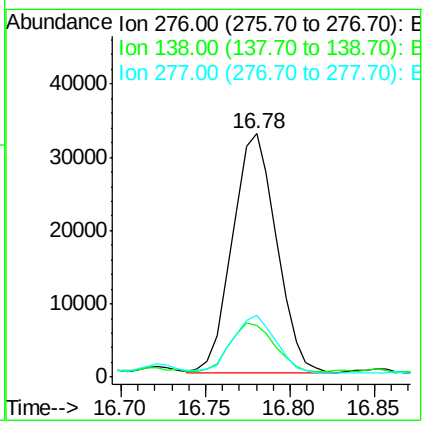


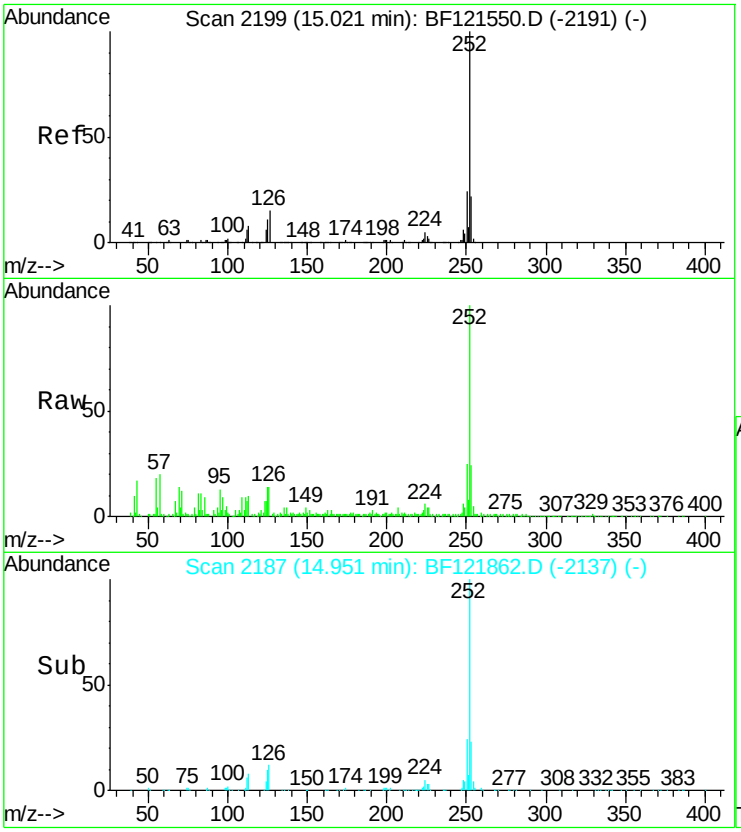


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.711 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:276 Resp: 59102

Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.9	29.9
277	24.0	20.4	30.6



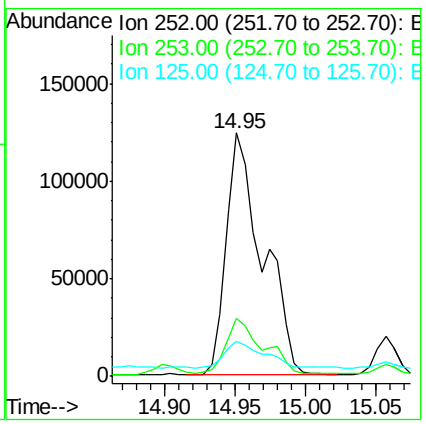


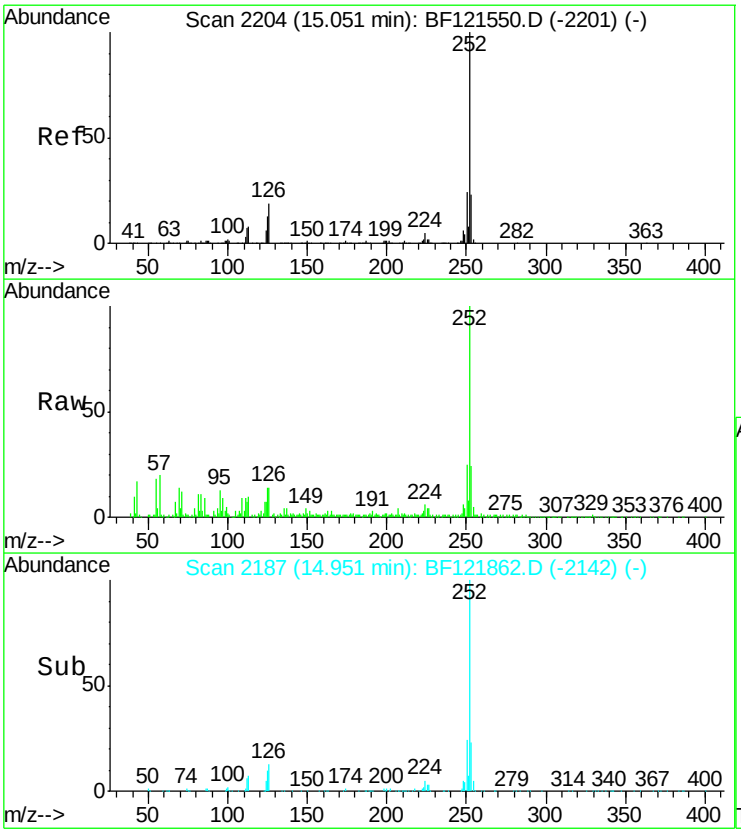
#88
Benzo(b)fluoranthene
Concen: 13.782 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:252 Resp: 225292

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	14.3	8.0	12.0#

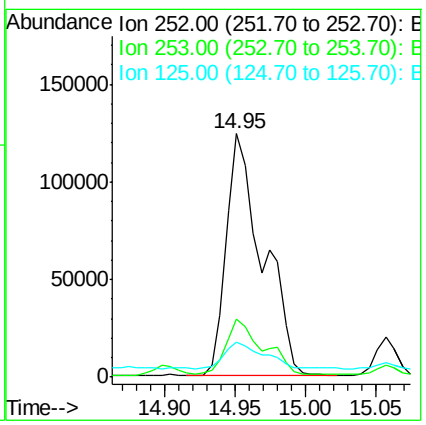


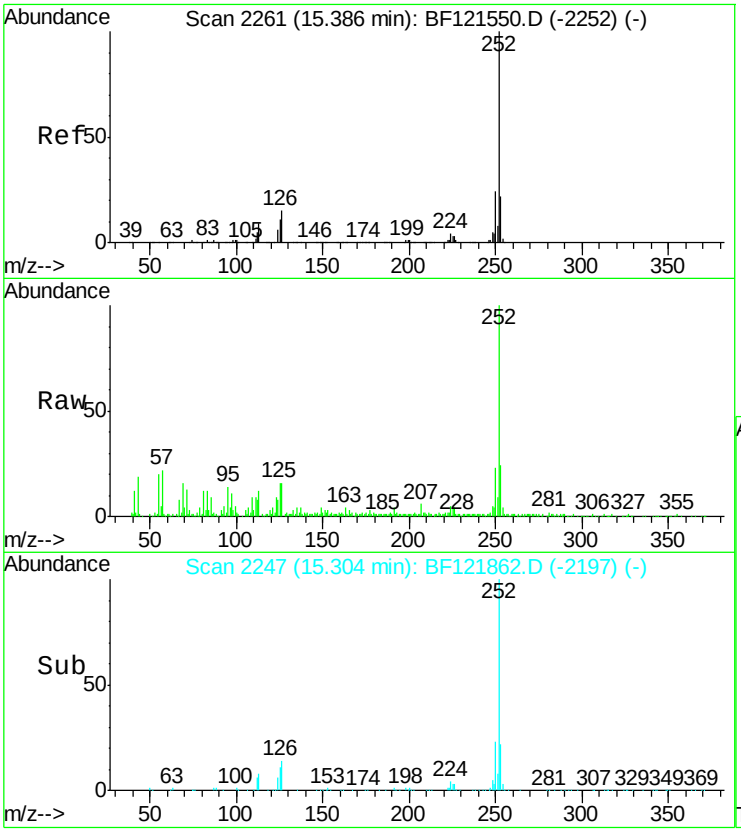


#89
Benzo(k)fluoranthene
Concen: 15.050 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.04 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:252 Resp: 225292

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	14.3	7.7	11.5#



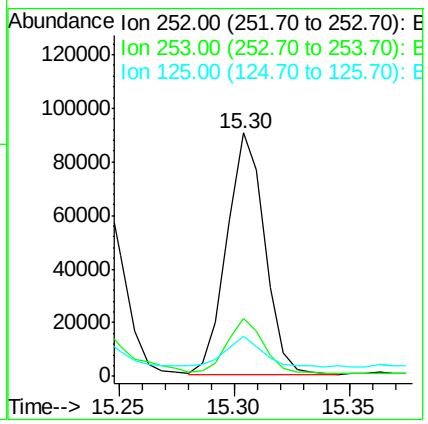


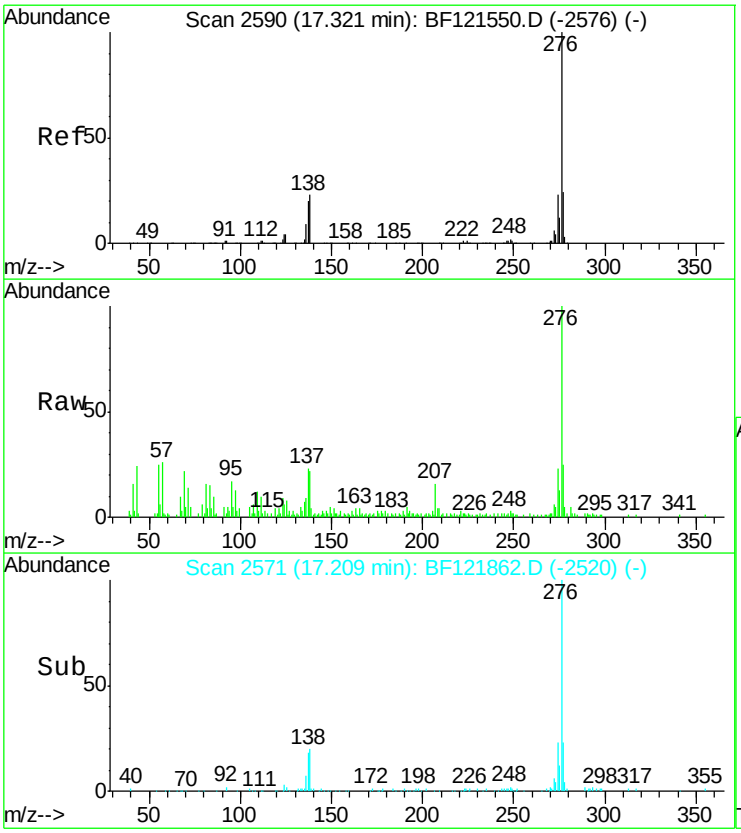
#90
Benzo(a)pyrene
Concen: 7.462 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Instrument :
BNA_F
ClientSampleId :
26516

Tgt Ion:252 Resp: 103688

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	16.4	8.6	13.0#





#92
Benzo(g,h,i)perylene
Concen: 4.522 ng
RT: 17.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BF121862.D
Acq: 6 Oct 2020 20:04

Tgt Ion:276 Resp: 58919

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.2
138	21.9	17.8	26.6