Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121606.D
Acq On : 17 Sep 2020 19:56
Operator : JU/CG
Sample : L4021-01RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B14-1-3

Quant Time: Sep 18 00:46:58 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	6.82	152	177670	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	670976	20.00	ng		-0.01
39) Acenaphthene-d10	9.86	164	318354	20.00	ng		-0.01
64) Phenanthrene-d10	11.35	188	486055	20.00	ng		0.00
76) Chrysene-d12	13.98	240	323772	20.00	ng		-0.01
86) Perylene-d12	15.43	264	341560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	525604	43.96	ng		0.00
7) Phenol-d6	6.47	99	1206039	76.89	ng		0.00
23) Nitrobenzene-d5	7.39	82	777939	62.25	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	81446	20.58	ng		-0.01
45) 2-Fluorobiphenyl	9.18	172	1317902	62.70	ng		-0.01
79) Terphenyl-d14	12.93	244	915015	57.25	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.47	94	49648	2.973	ng		90
19) n-Nitroso-di-n-propylamine	7.39	70	103842	11.488	ng	#	79
25) Isophorone	7.39	82	775125	30.812	ng	#	66
50) Dimethylphthalate	9.57	163	135833	5.887	ng		100
57) 2,4-Dinitrotoluene	9.86	165	41342	6.687	ng	#	23
71) Phenanthrene	11.37	178	97105	3.667	ng		98
75) Fluoranthene	12.55	202	119086	4.213	ng		98
78) Pyrene	12.78	202	122202	5.166	ng		98
81) Benzo(a)anthracene	13.97	228	57587	2.811	ng		93
83) Chrysene	14.00	228	58989	2.844	ng		98
88) Benzo(b)fluoranthene	15.01	252	111727	4.893	ng	#	95
89) Benzo(k)fluoranthene	15.01	252	111727	5.343	ng		96
90) Benzo(a)pyrene	15.37	252	55500	2.859	ng	#	91

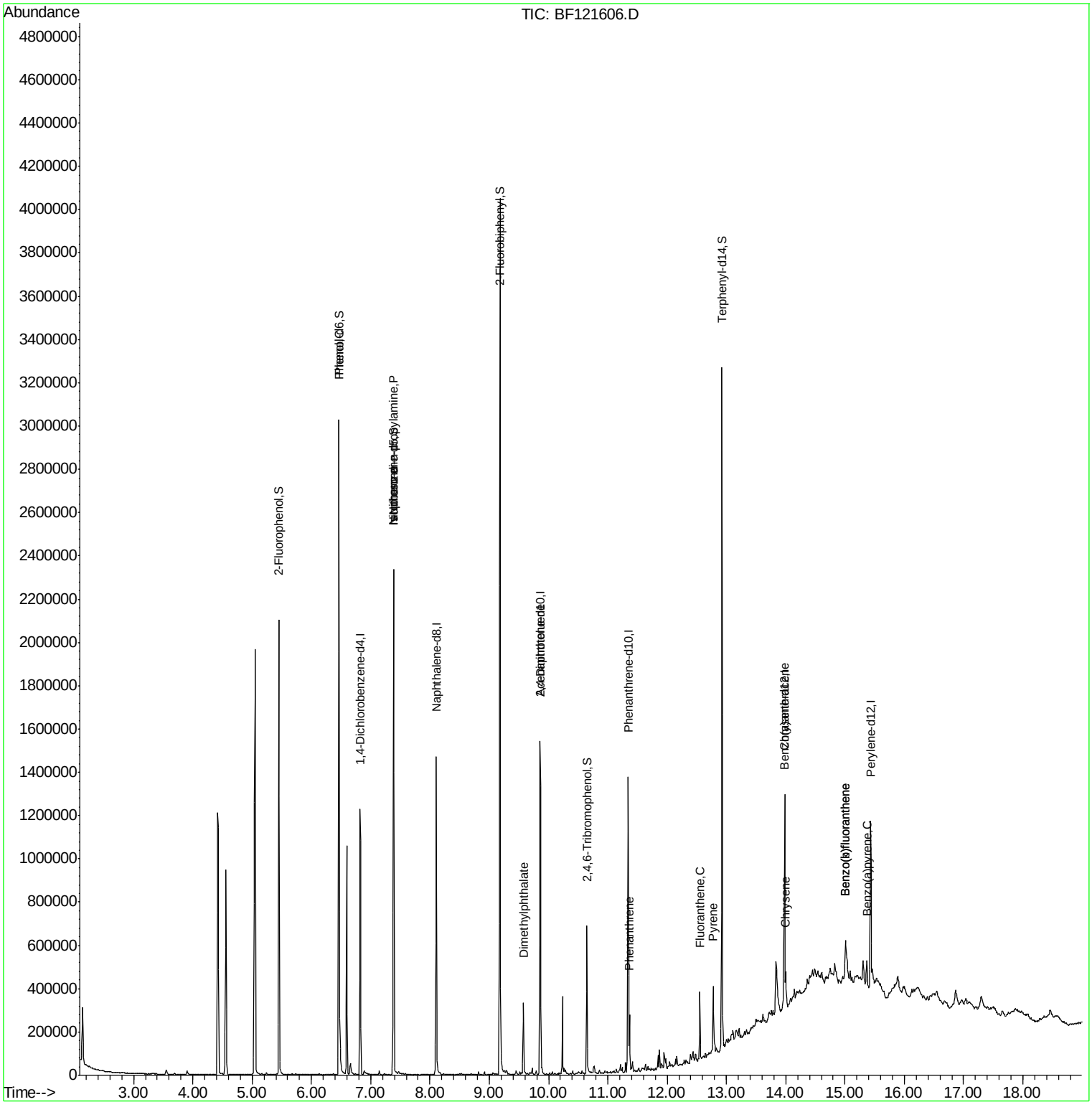
(#) = qualifier out of range (m) = manual integration (+) = signals summed

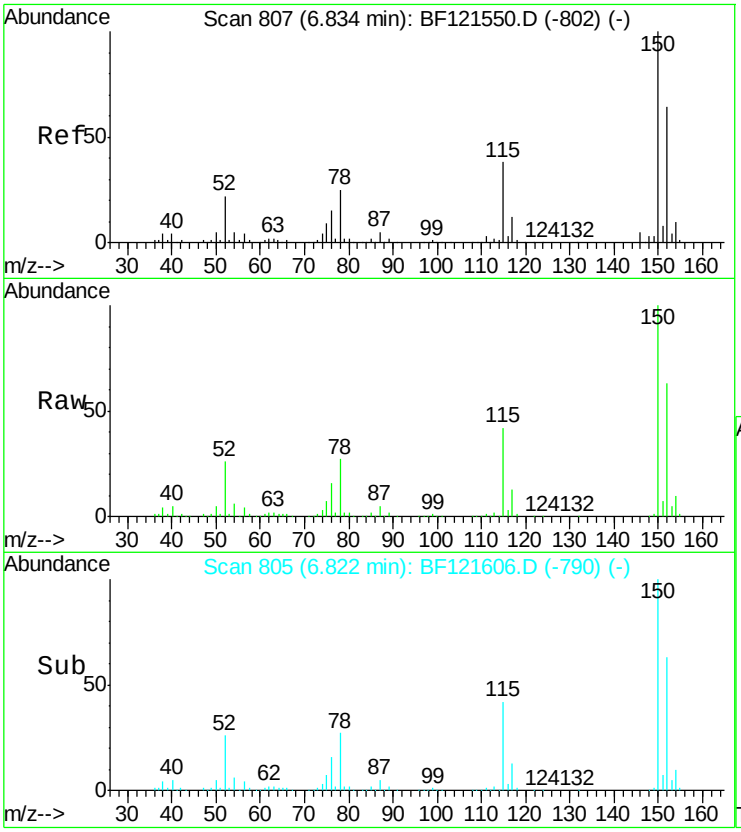
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121606.D
Acq On : 17 Sep 2020 19:56
Operator : JU/CG
Sample : L4021-01RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B14-1-3

Quant Time: Sep 18 00:46:58 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



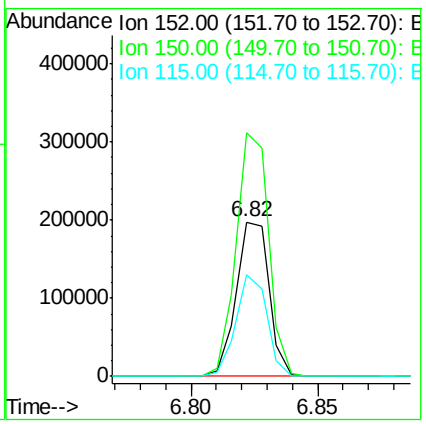


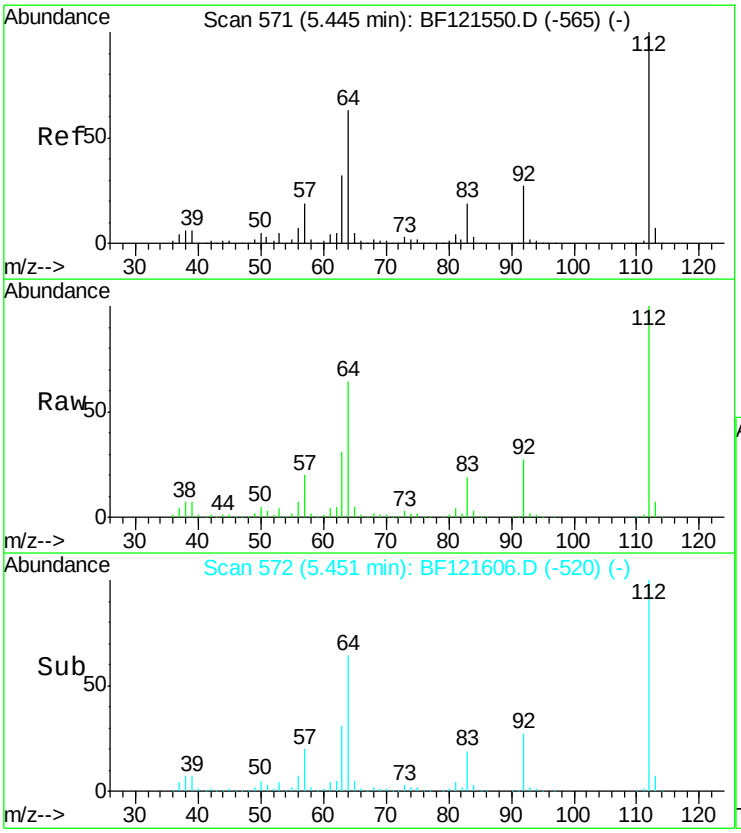
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:152 Resp: 177670

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.8	188.6
115	65.6	47.8	71.8

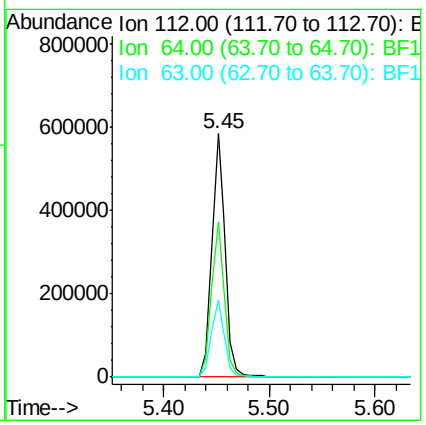


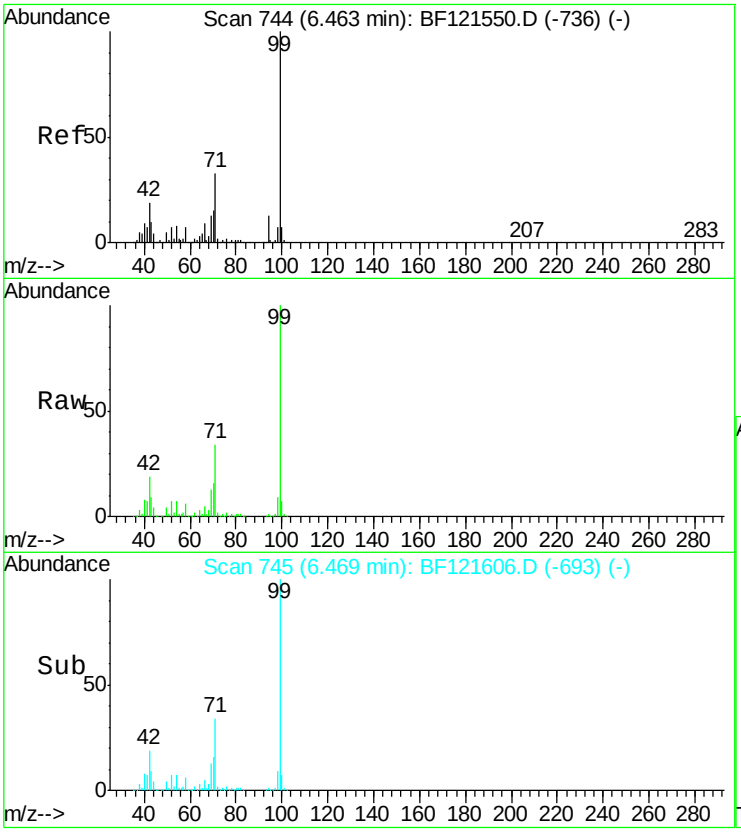


#5
2-Fluorophenol
Concen: 43.964 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:112 Resp: 525604

Ion	Ratio	Lower	Upper
112	100		
64	63.6	50.3	75.5
63	31.5	25.6	38.4



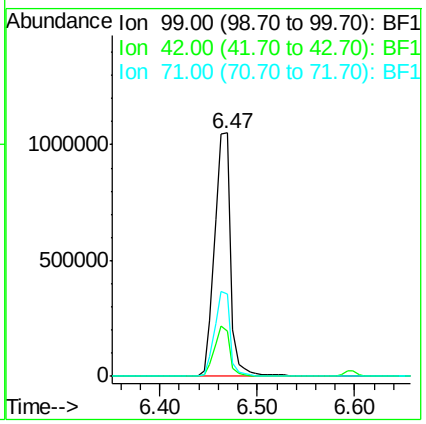


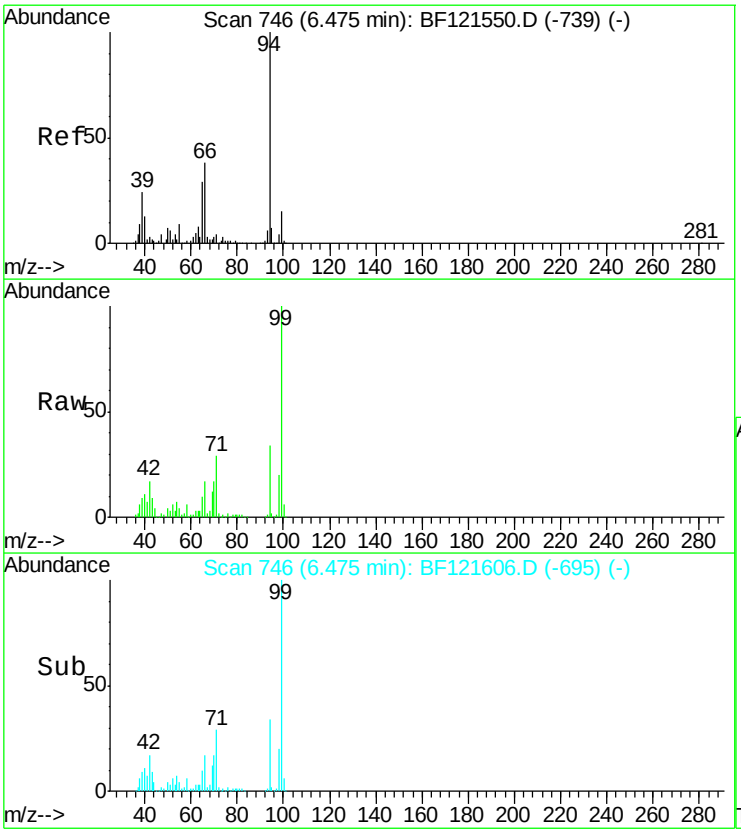
#7
Phenol-d6
Concen: 76.893 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion: 99 Resp: 1206039

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.5	23.3
71	33.7	26.1	39.1

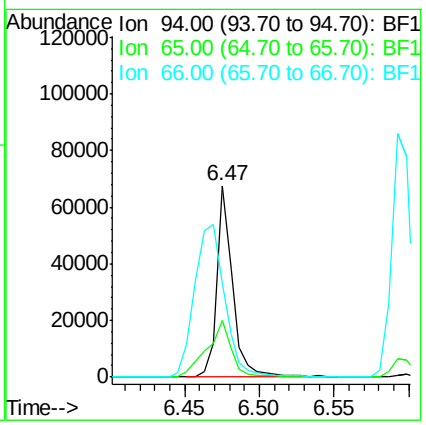


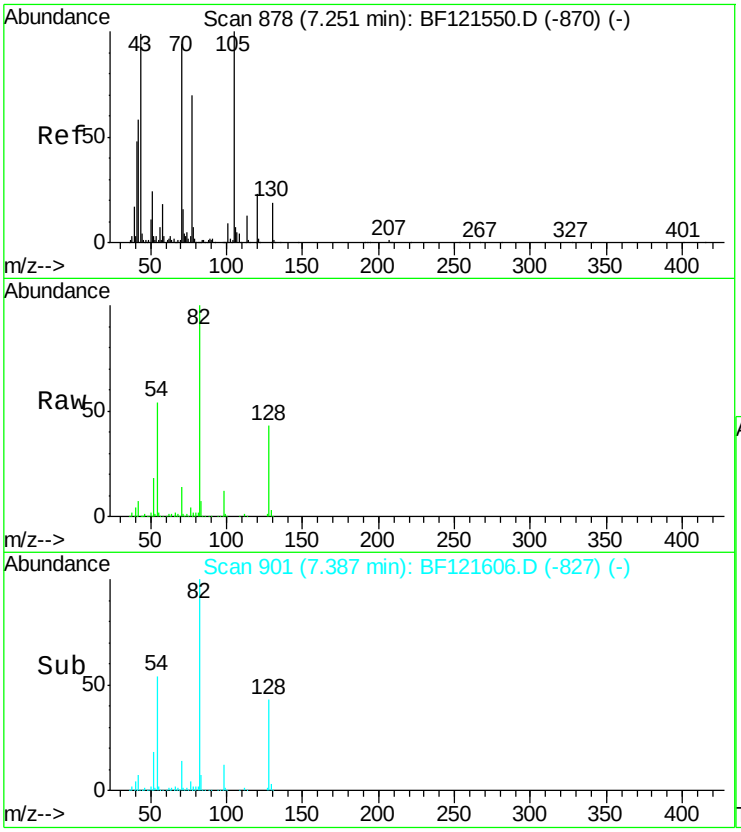


#10
Phenol
Concen: 2.973 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion: 94 Resp: 49648

Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.4	49.4
66	48.9	18.3	58.3



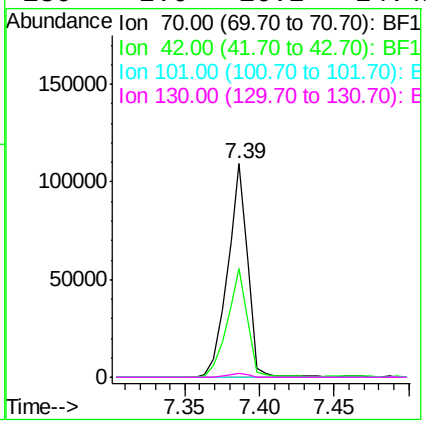


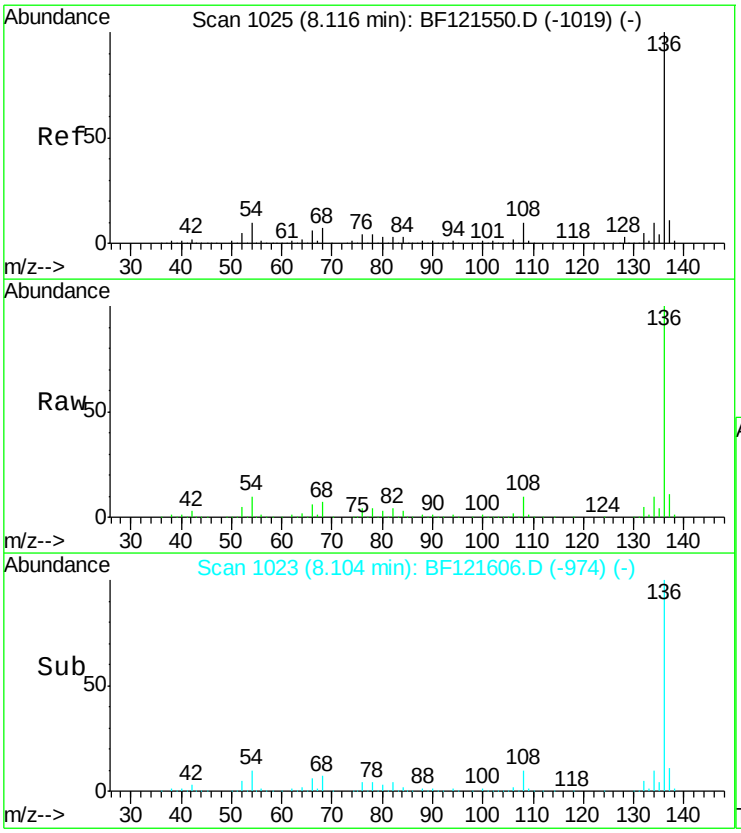
#19
n-Nitroso-di-n-propylamine
Concen: 11.488 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion: 70 Resp: 103842

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.4	74.2
101	0.0	7.6	11.4#
130	2.0	16.2	24.4#

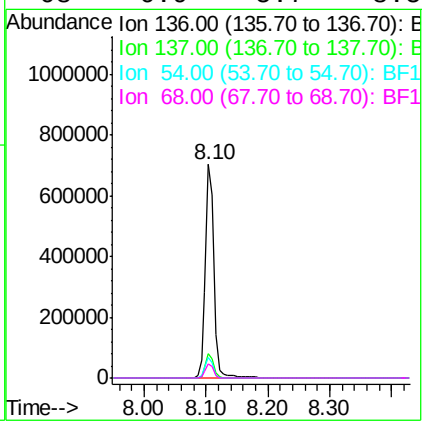


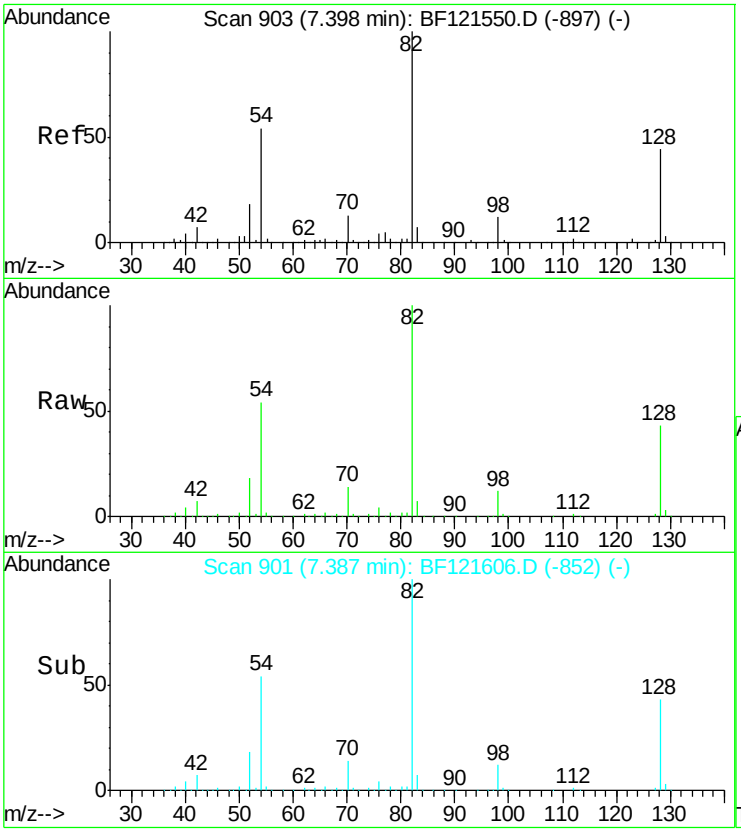


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:136 Resp: 670976

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.8	7.6	11.4
68	6.9	5.7	8.5



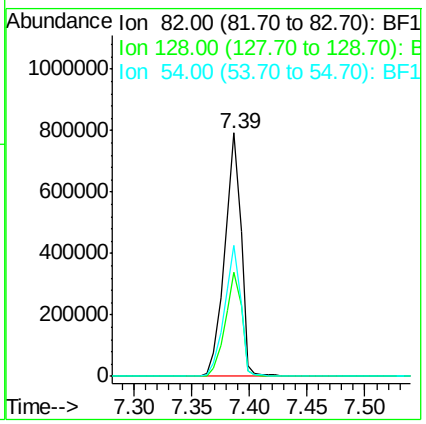


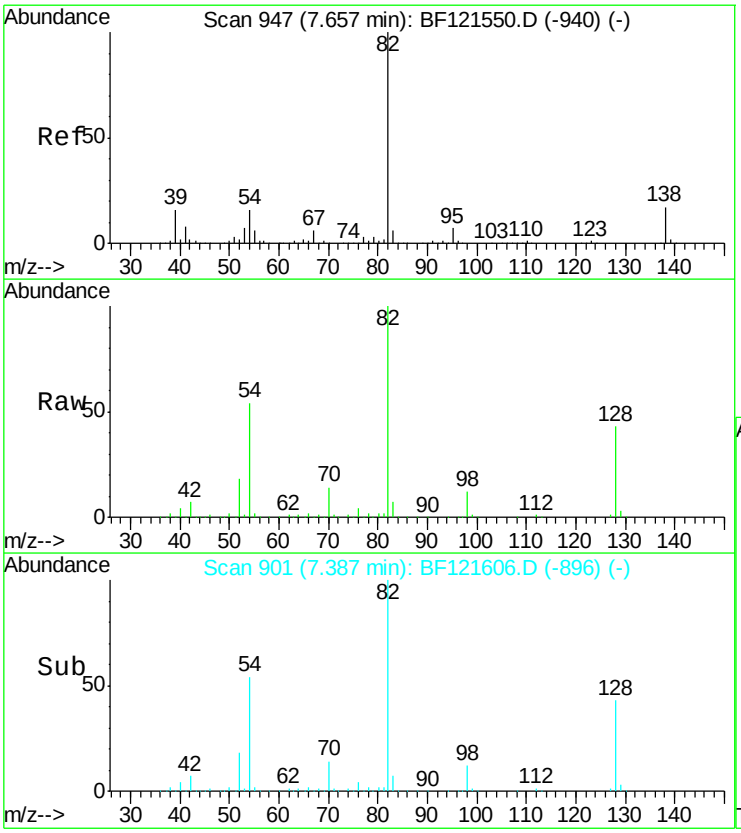
#23
Nitrobenzene-d5
Concen: 62.251 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion: 82 Resp: 777939

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.1	52.7
54	54.0	43.0	64.6

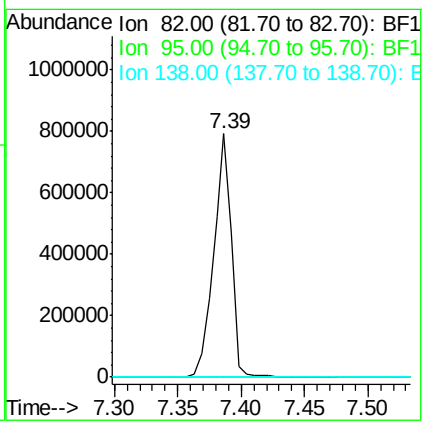


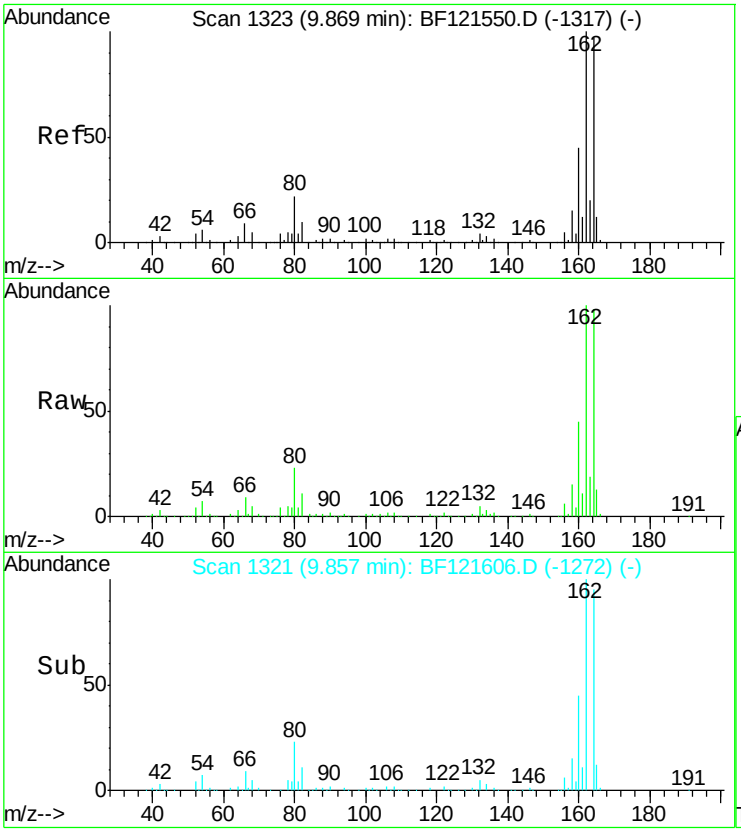


#25
Isophorone
Concen: 30.812 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.27 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion: 82 Resp: 775125

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.7	20.5#



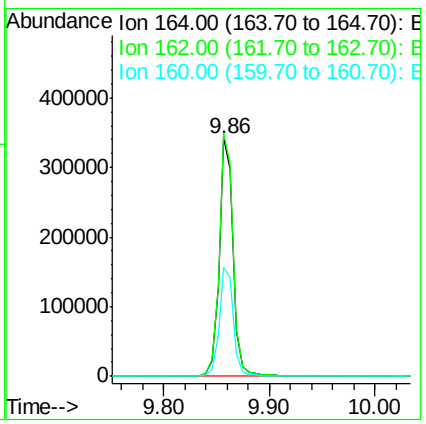


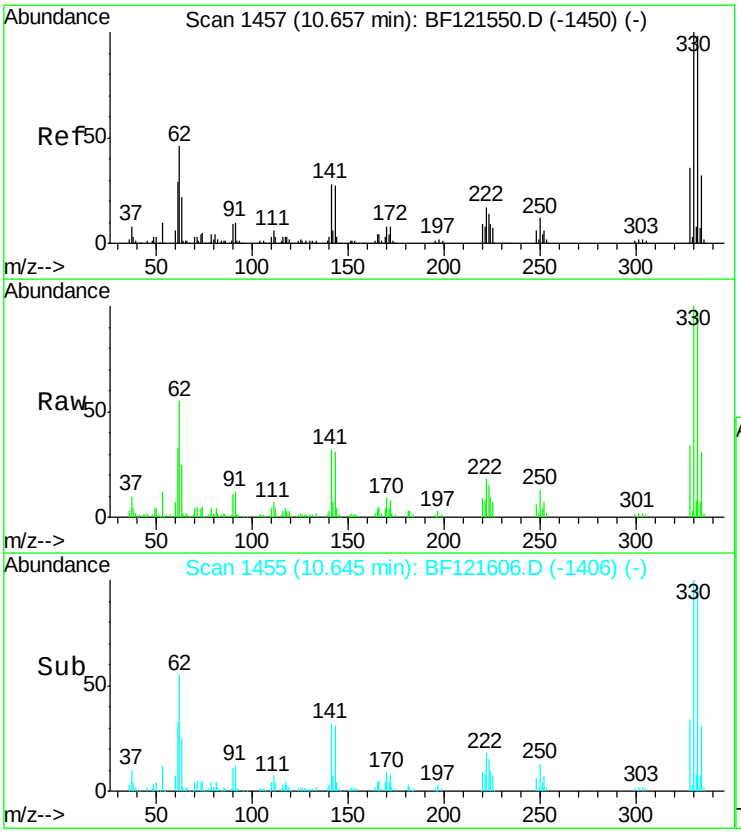
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:164 Resp: 318354

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.3	123.5
160	45.6	37.0	55.4

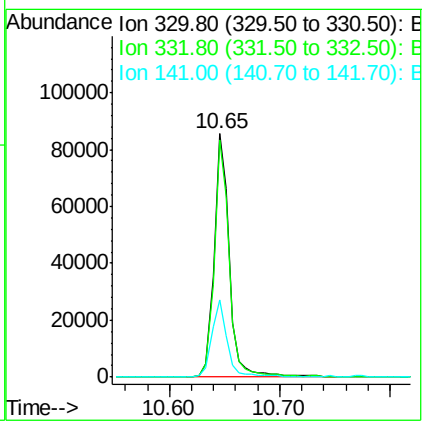


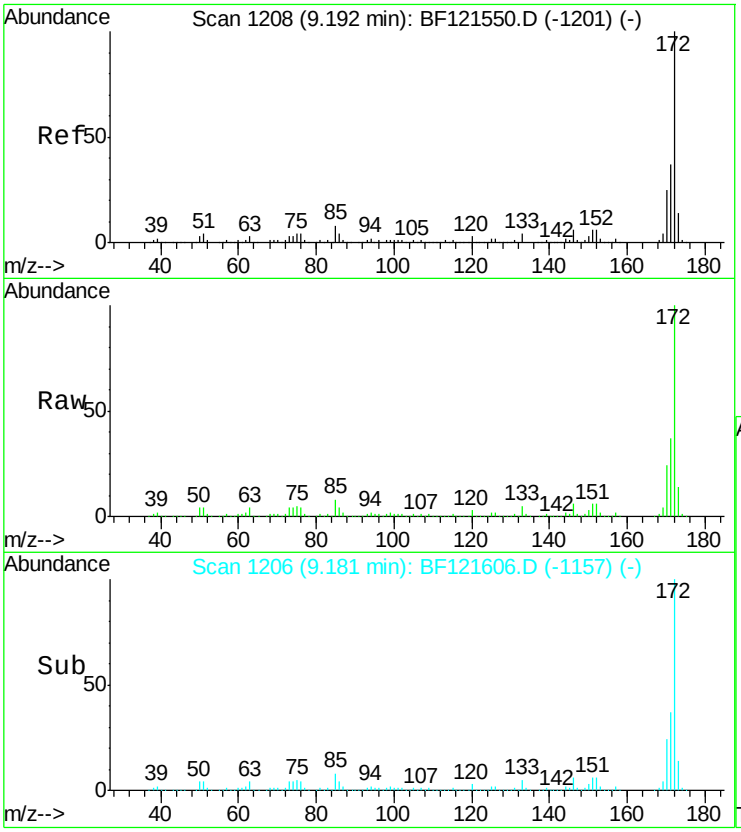


#42
2,4,6-Tribromophenol
Concen: 20.584 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:330 Resp: 81446

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	31.5	23.6	35.4



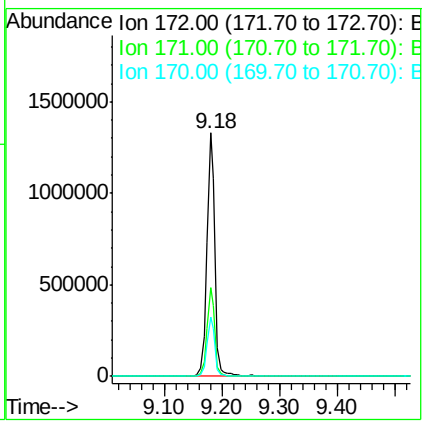


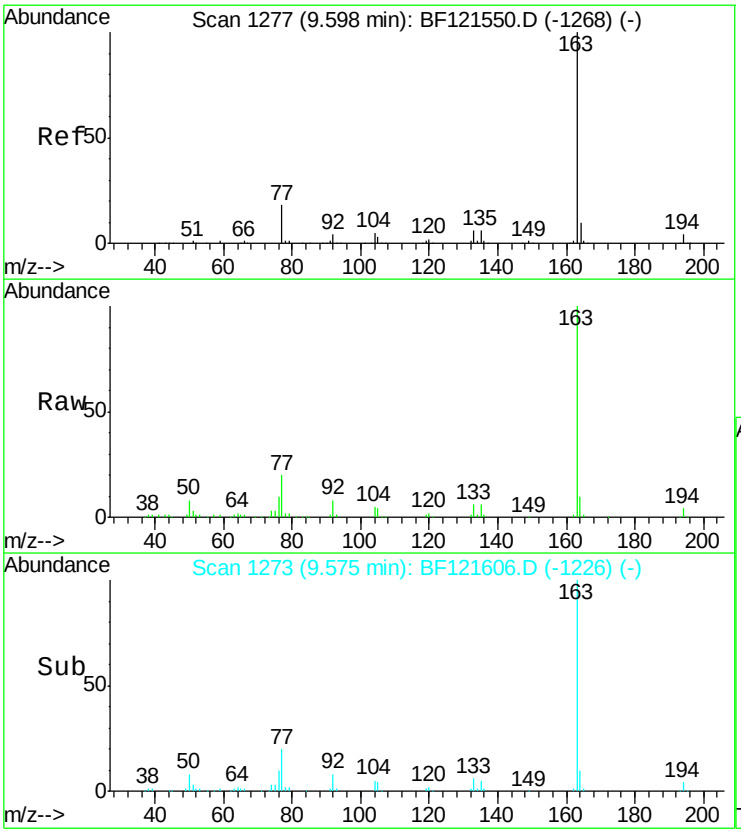
#45
2-Fluorobiphenyl
Concen: 62.698 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:172 Resp: 1317902

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.3	19.8	29.8

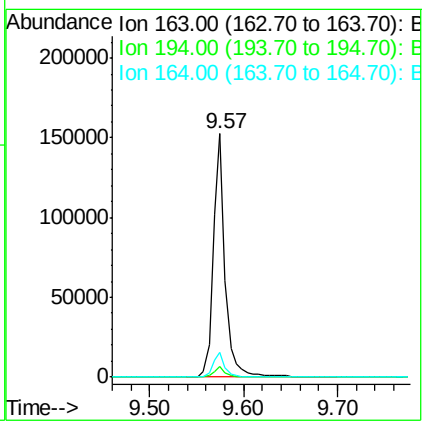


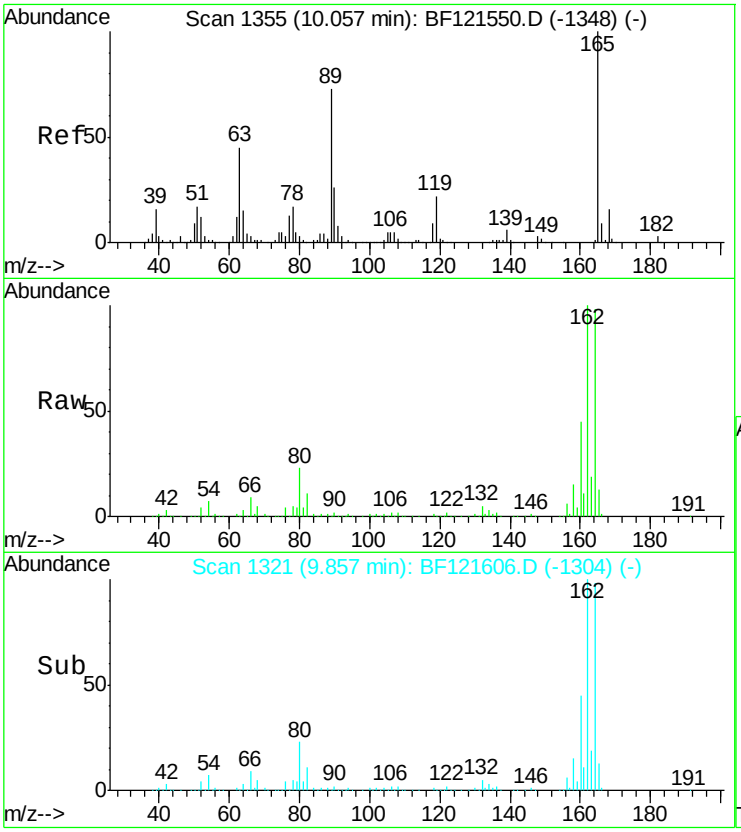


#50
Dimethylphthalate
Concen: 5.887 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:163 Resp: 135833

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9



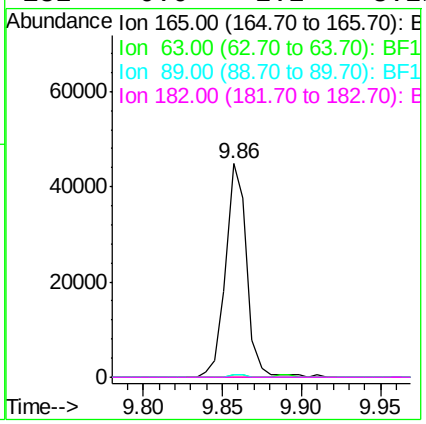


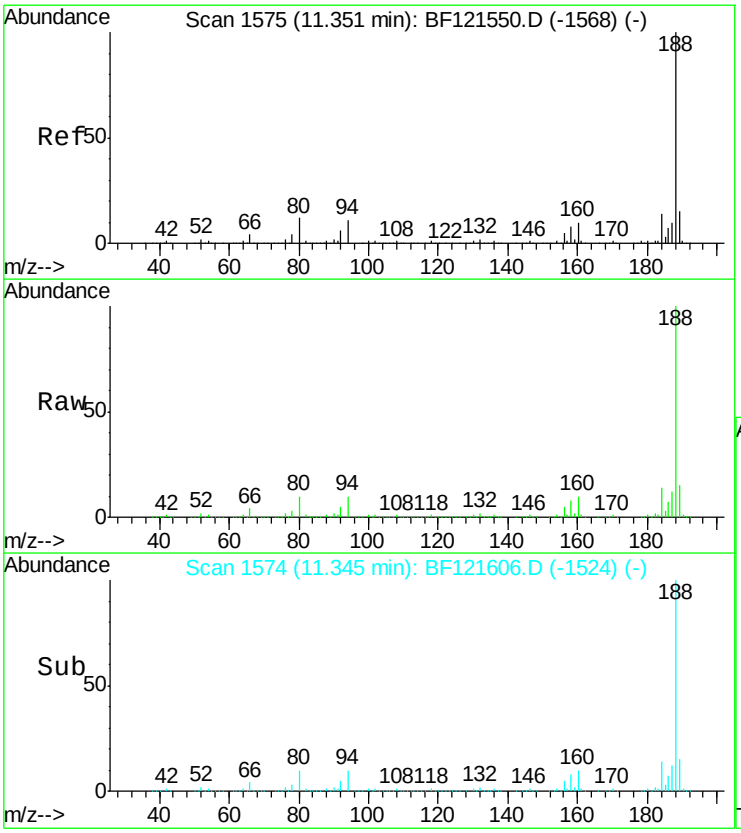
#57
2,4-Dinitrotoluene
Concen: 6.687 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.20 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:165 Resp: 41342

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.4	58.2	87.4#
182	0.0	2.2	3.2#

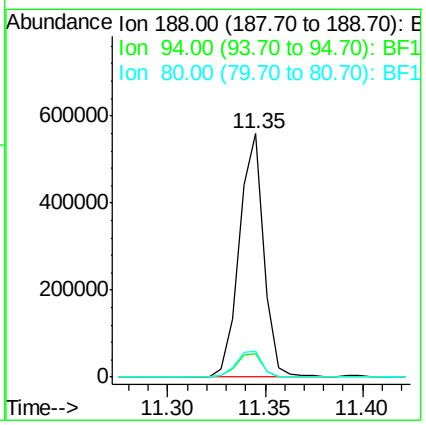


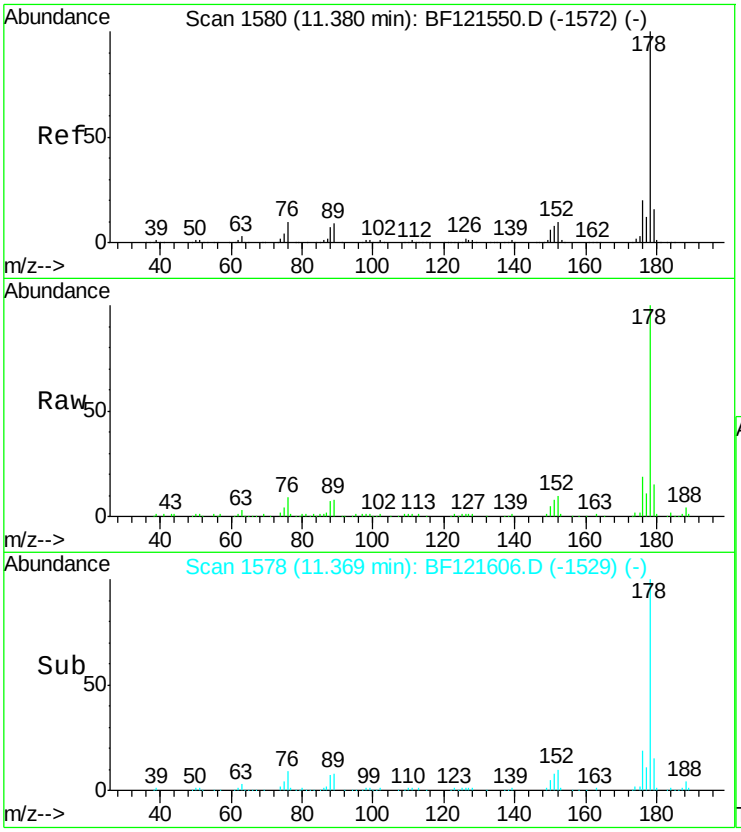


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:188 Resp: 486055

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.7	13.1
80	10.5	9.3	13.9



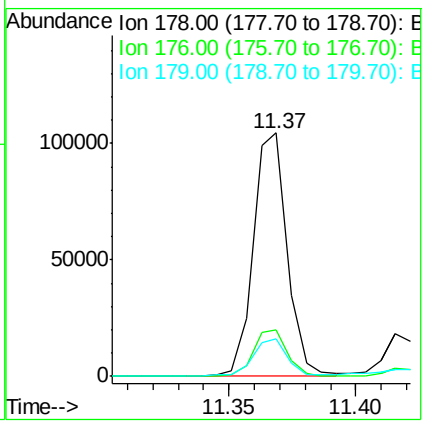


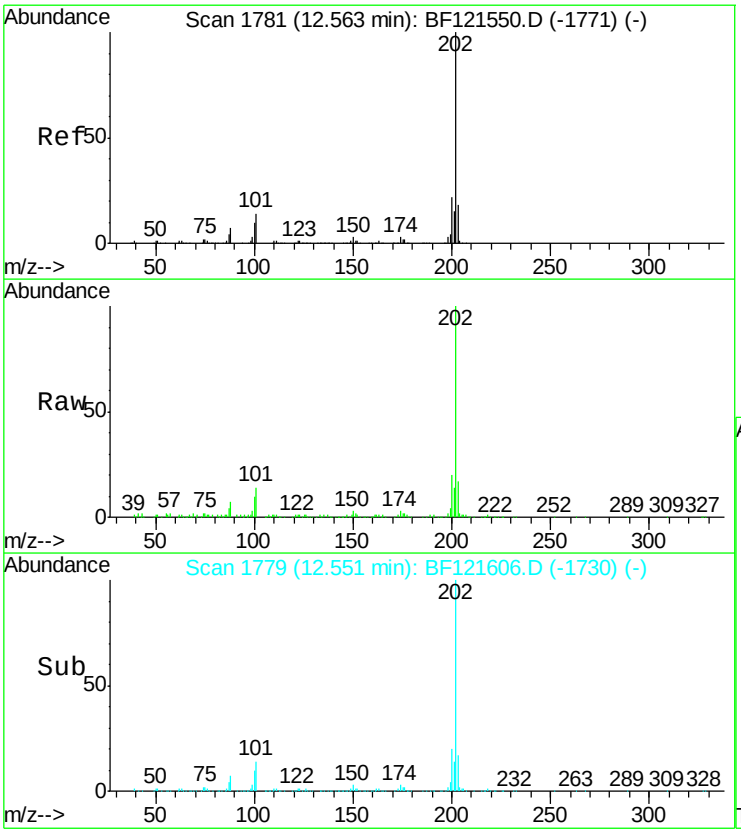
#71
Phenanthrene
Concen: 3.667 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:178 Resp: 97105

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.3	12.6	19.0

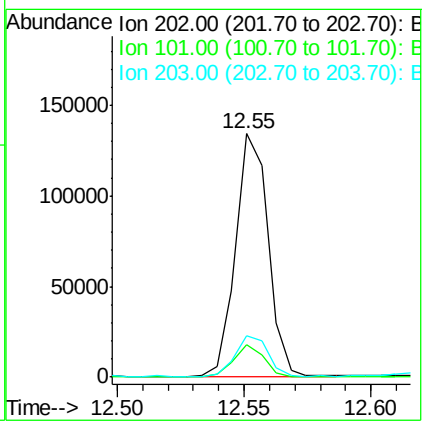


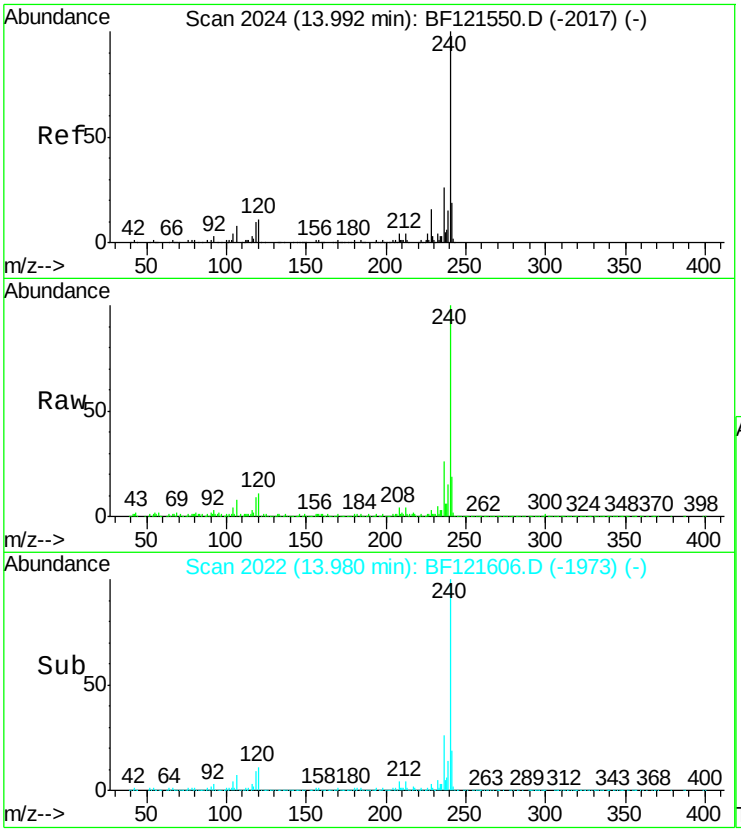


#75
Fluoranthene
Concen: 4.213 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:202 Resp: 119086

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.0
203	17.0	0.0	38.2



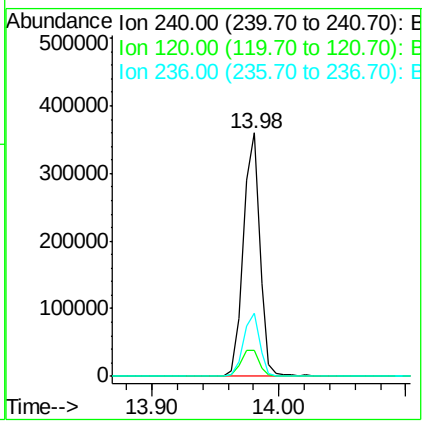


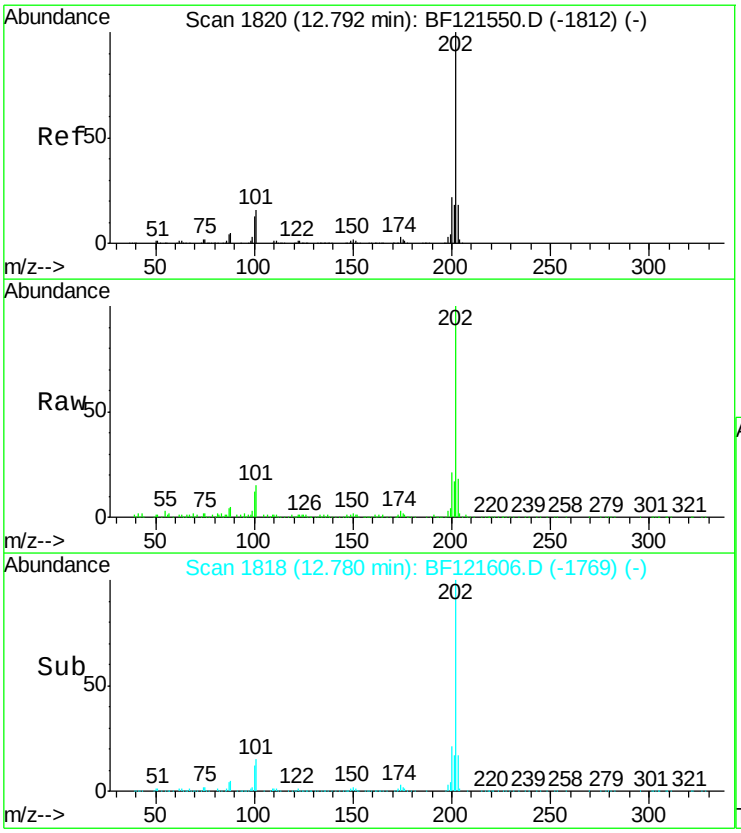
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:240 Resp: 323772

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.2	13.8
236	25.7	20.5	30.7

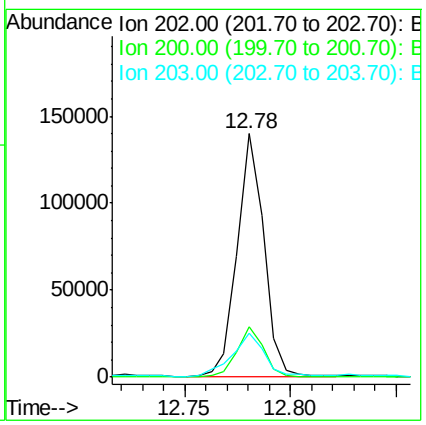


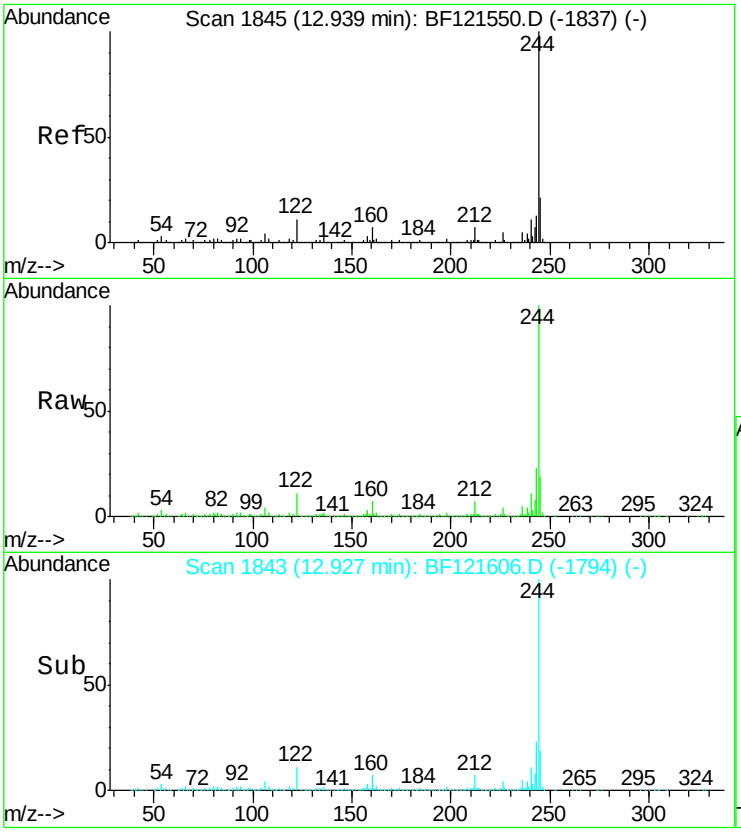


#78
Pyrene
Concen: 5.166 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:202 Resp: 122202

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.8
203	17.8	14.6	22.0



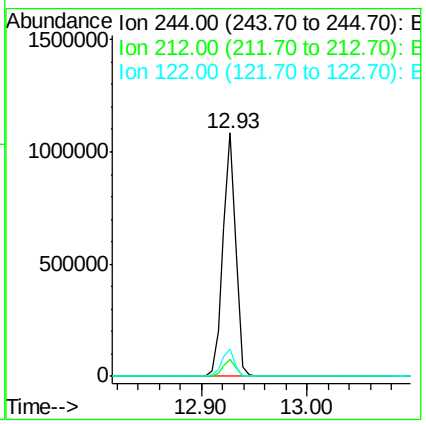


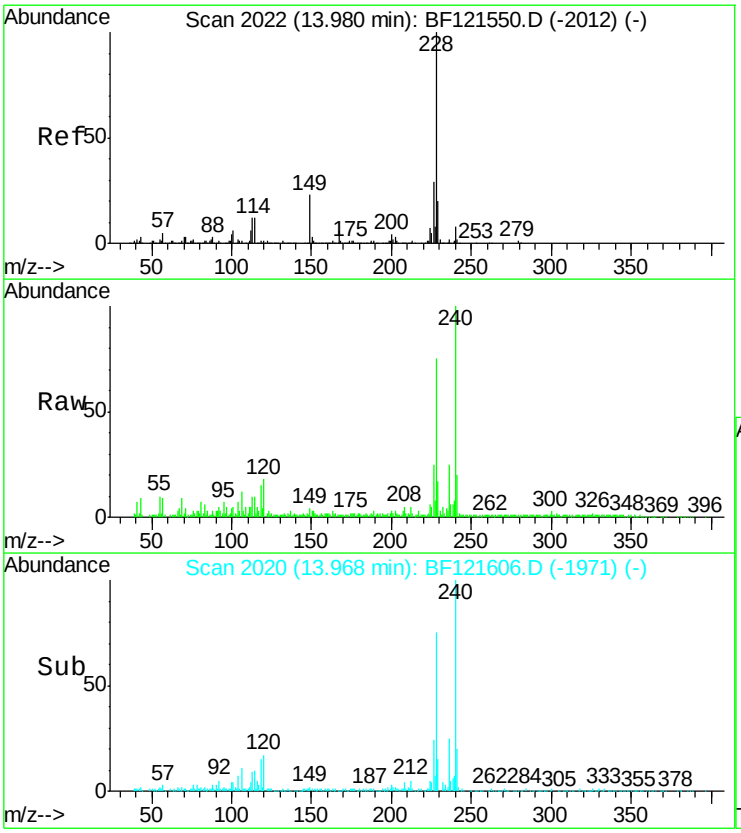
#79
Terphenyl-d14
Concen: 57.254 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:244 Resp: 915015

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.1	8.7	13.1

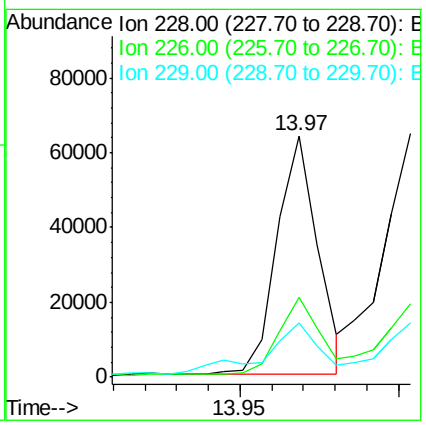


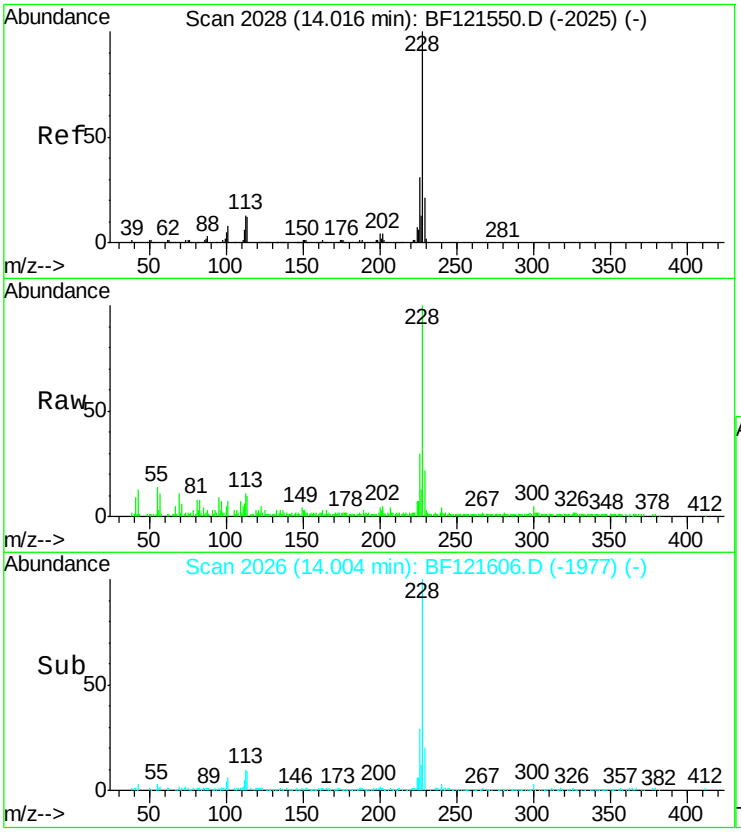


#81
Benzo(a)anthracene
Concen: 2.811 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:228 Resp: 57587

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.9	34.3
229	22.6	16.3	24.5



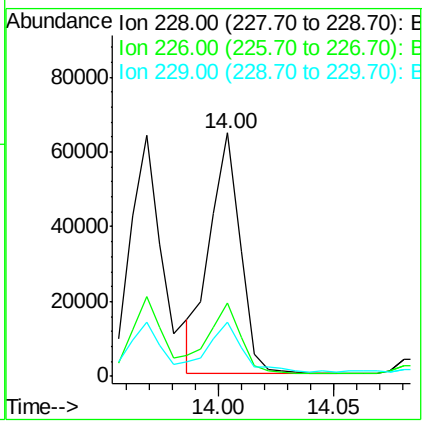


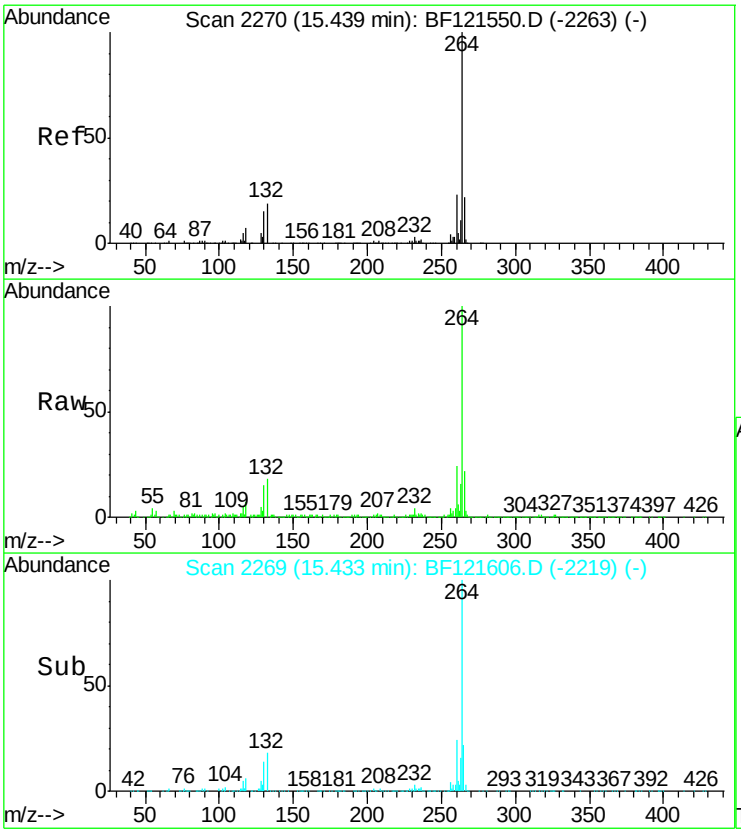
#83
Chrysene
Concen: 2.844 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:228 Resp: 58989

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.1	37.7
229	22.3	16.6	25.0

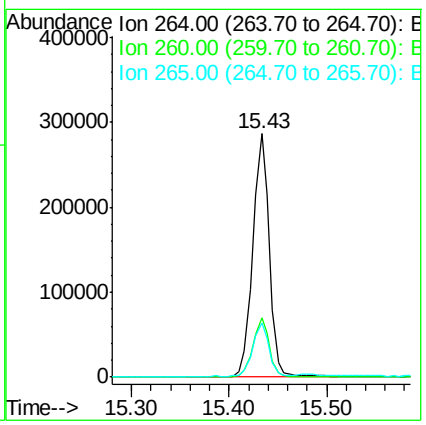


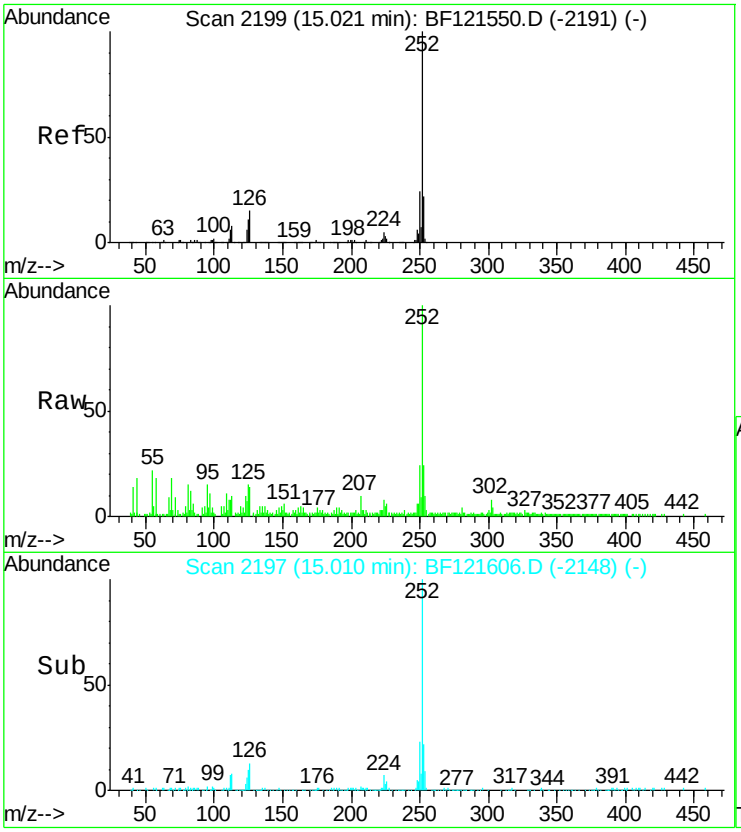


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:264 Resp: 341560

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.2	17.8	26.6



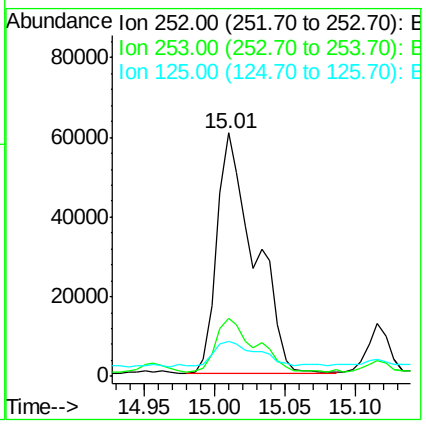


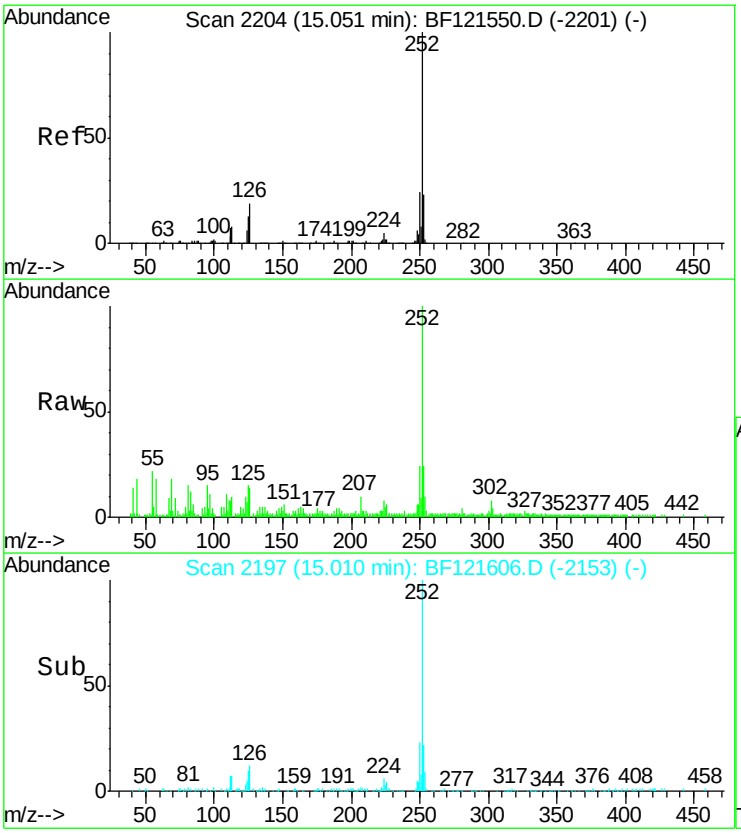
#88
Benzo(b)fluoranthene
Concen: 4.893 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:252 Resp: 111727

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	14.6	9.2	13.8#

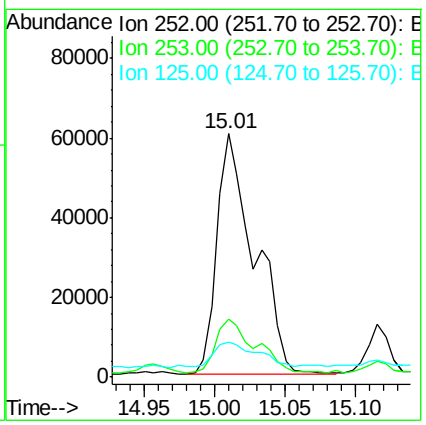


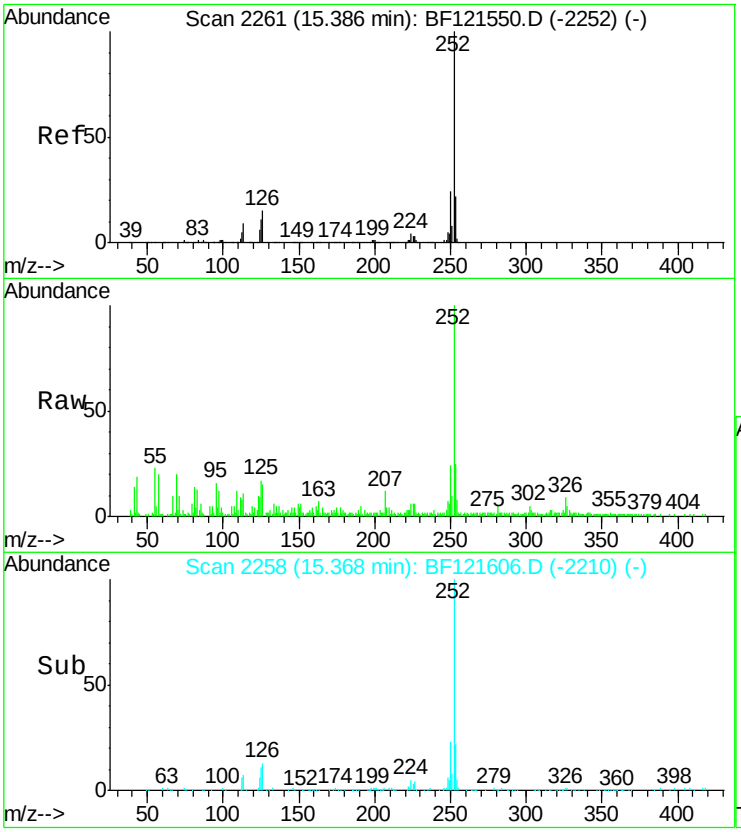


#89
Benzo(k)fluoranthene
Concen: 5.343 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:252 Resp: 111727

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	14.6	9.8	14.6





#90
Benzo(a)pyrene
Concen: 2.859 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tgt Ion:252 Resp: 55500

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	17.0	9.0	13.4#