Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121285.D
Acq On : 13 Aug 2020 22:43
Operator : JU/CG
Sample : L3501-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-081220

Quant Time: Aug 14 00:47:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	106090	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	403136	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	197820	20.00	ng		0.00
64) Phenanthrene-d10	11.23	188	350524	20.00	ng		0.00
76) Chrysene-d12	13.87	240	239616	20.00	ng		0.00
86) Perylene-d12	15.29	264	244468	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	118268	16.90	ng		0.01
7) Phenol-d6	6.35	99	142157	15.76	ng		0.00
23) Nitrobenzene-d5	7.28	82	87285	11.83	ng		0.00
42) 2,4,6-Tribromophenol	10.54	330	32567	13.37	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	179681	12.56	ng		0.00
79) Terphenyl-d14	12.82	244	145211	11.81	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	11449	2.285	ng	#	80
25) Isophorone	7.28	82	87283	5.894	ng	#	62
51) 2,6-Dinitrotoluene	9.75	165	26119	7.871	ng	#	26
57) 2,4-Dinitrotoluene	9.75	165	26119	5.998	ng	#	27
75) Fluoranthene	12.44	202	56013	2.508	ng		99
78) Pyrene	12.67	202	48280	2.706	ng		99
88) Benzo(b)fluoranthene	14.89	252	41302	2.521	ng	#	85
89) Benzo(k)fluoranthene	14.89	252	41302	2.715	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
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Acq On : 13 Aug 2020 22:43
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Misc :
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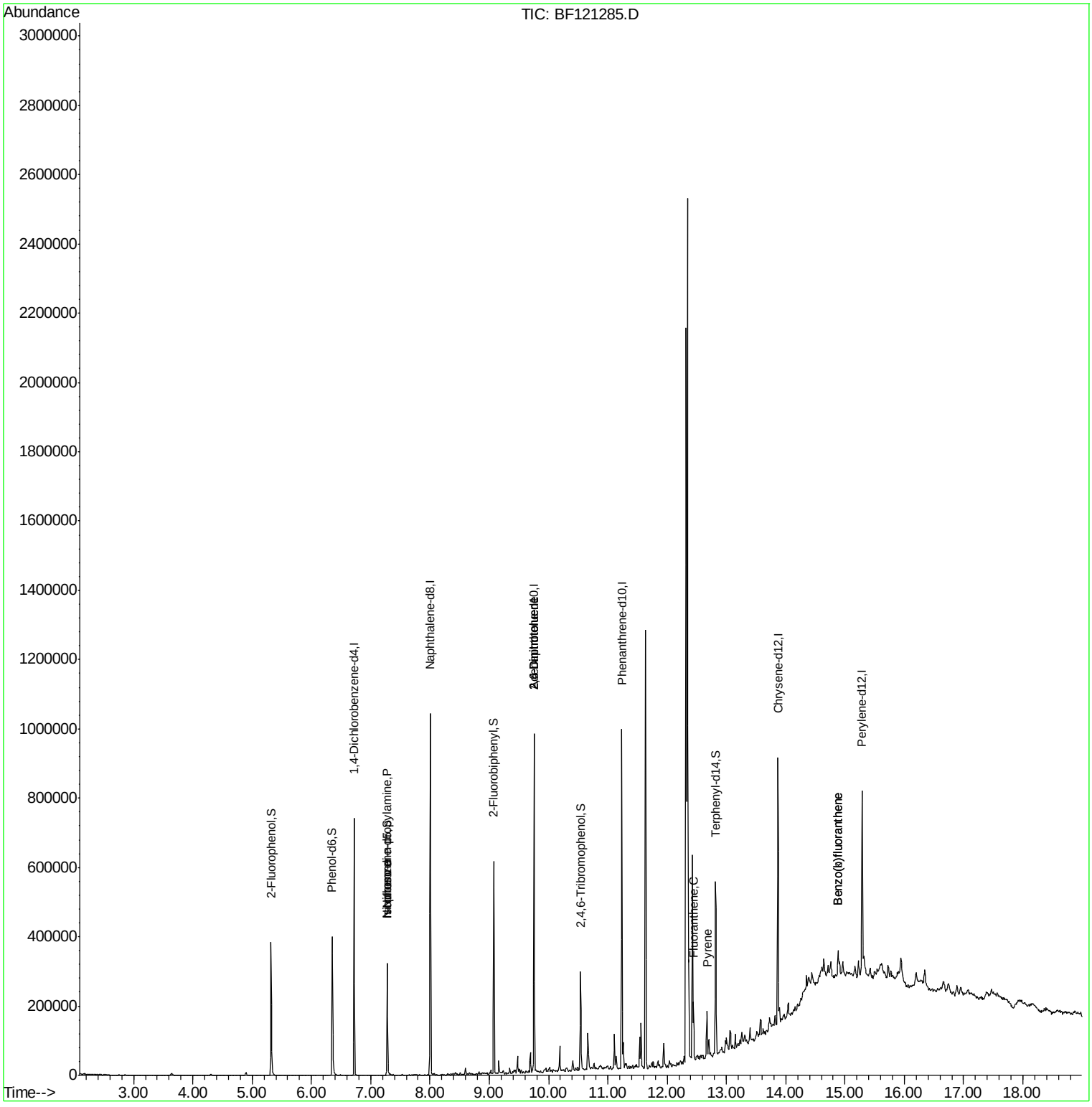
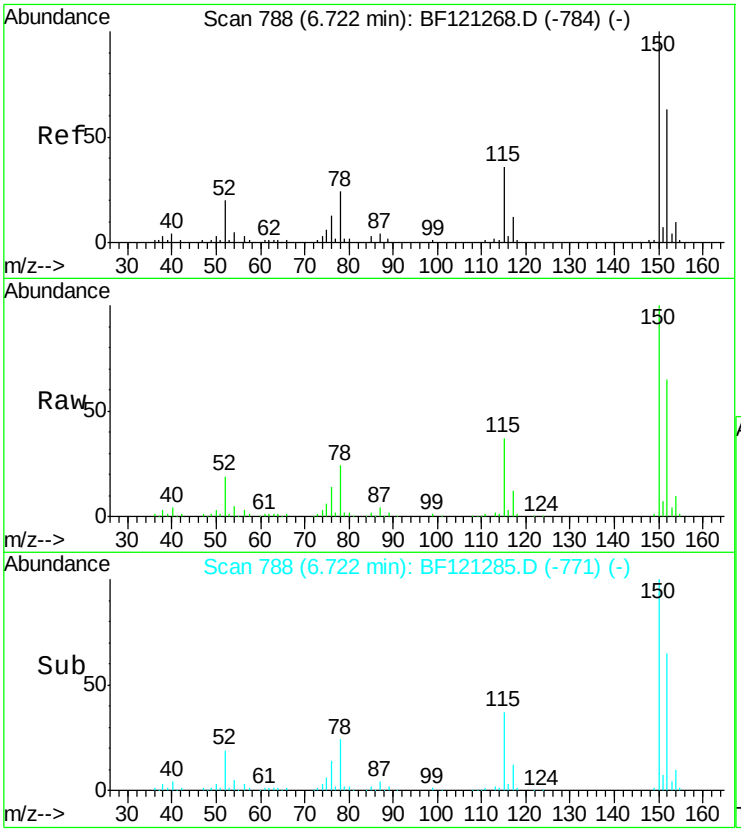


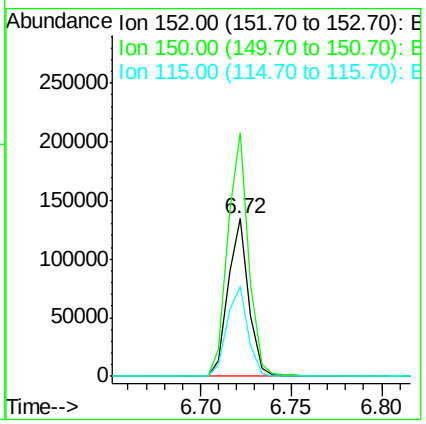


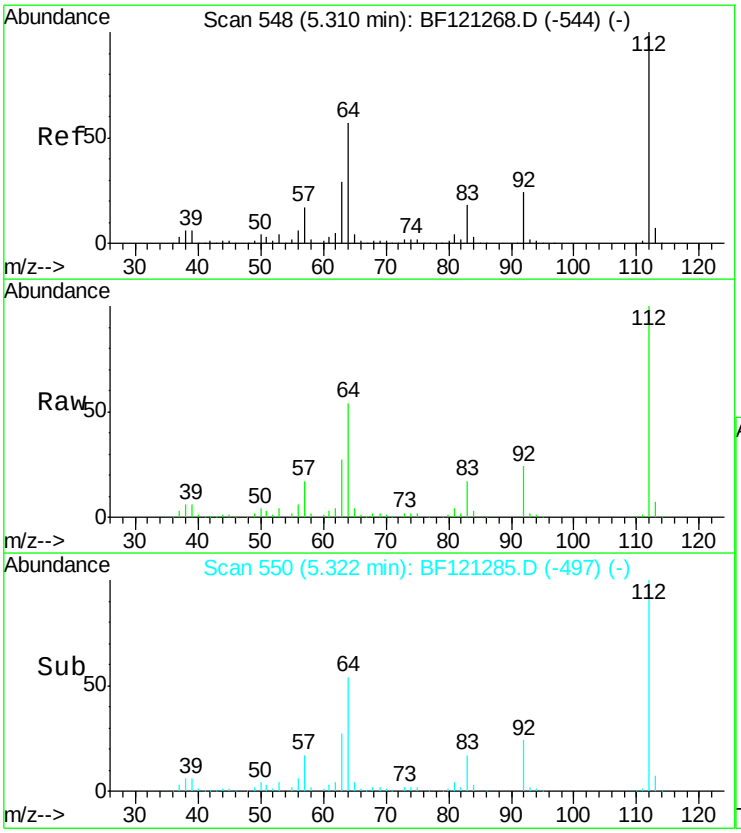
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion:152 Resp: 106090

Ion	Ratio	Lower	Upper
152	100		
150	154.5	129.0	193.6
115	57.2	49.0	73.4

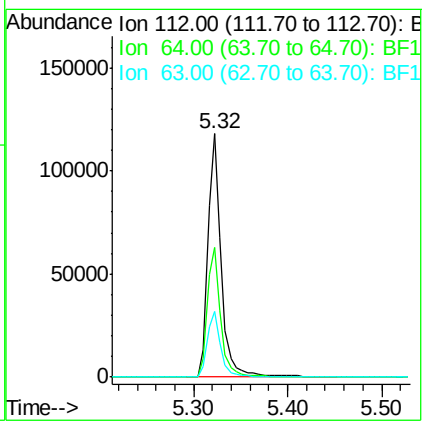


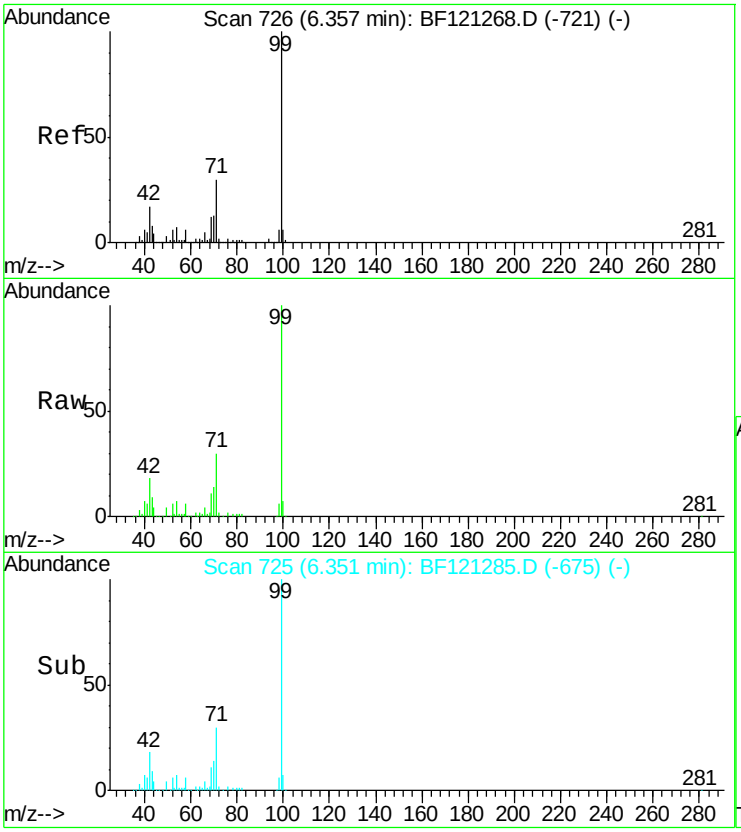


#5
2-Fluorophenol
Concen: 16.901 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion:112 Resp: 118268

Ion	Ratio	Lower	Upper
112	100		
64	53.5	45.4	68.2
63	27.2	23.0	34.6



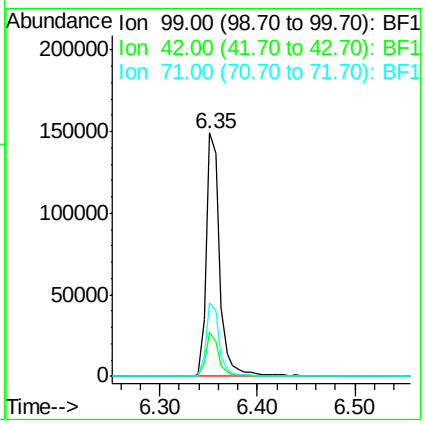


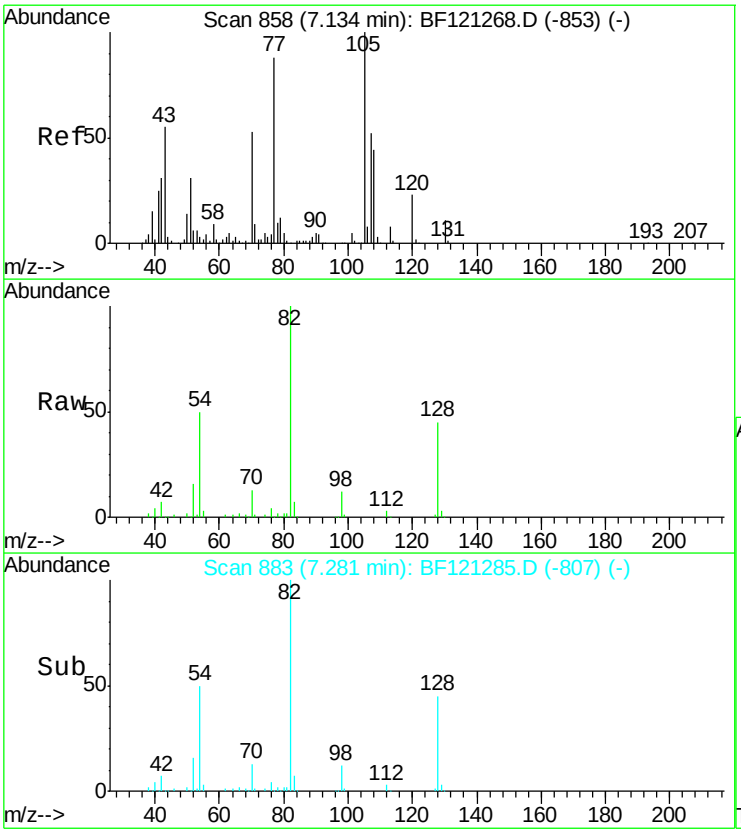
#7
Phenol-d6
Concen: 15.765 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion: 99 Resp: 142157

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.1	19.7
71	30.4	23.7	35.5

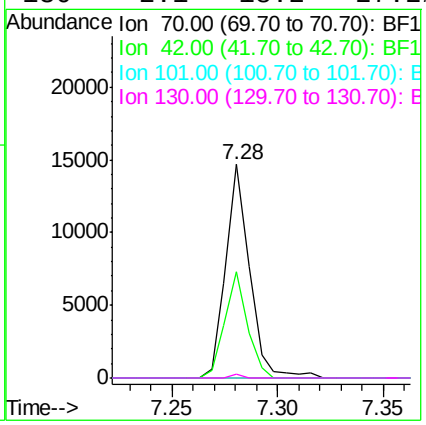


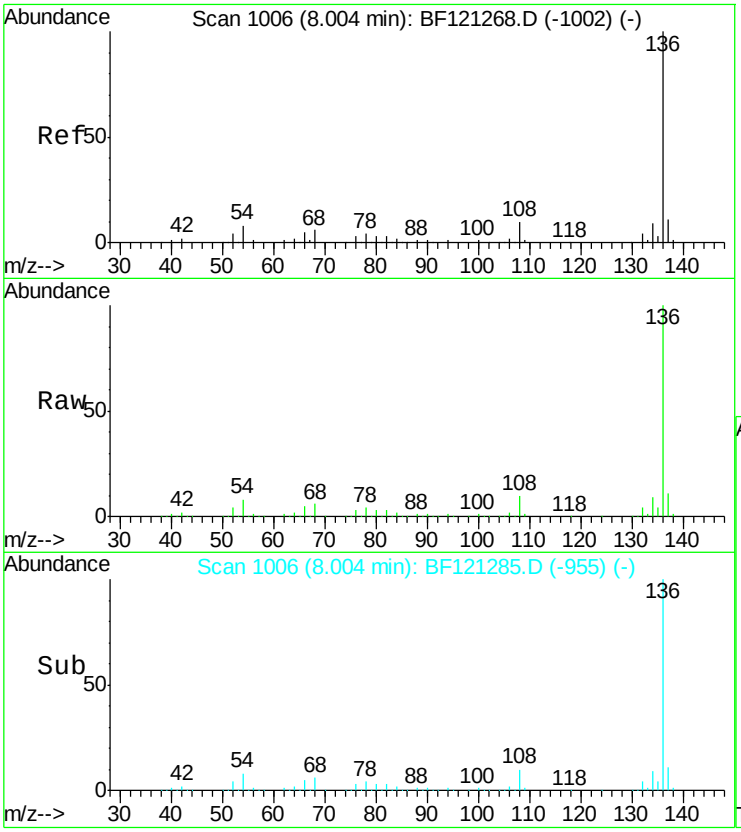


#19
n-Nitroso-di-n-propylamine
Concen: 2.285 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion: 70 Resp: 11449

Ion	Ratio	Lower	Upper
70	100		
42	49.6	45.6	68.4
101	0.0	7.8	11.8#
130	2.1	18.2	27.2#



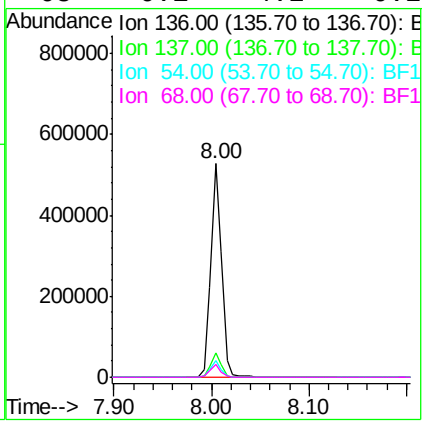


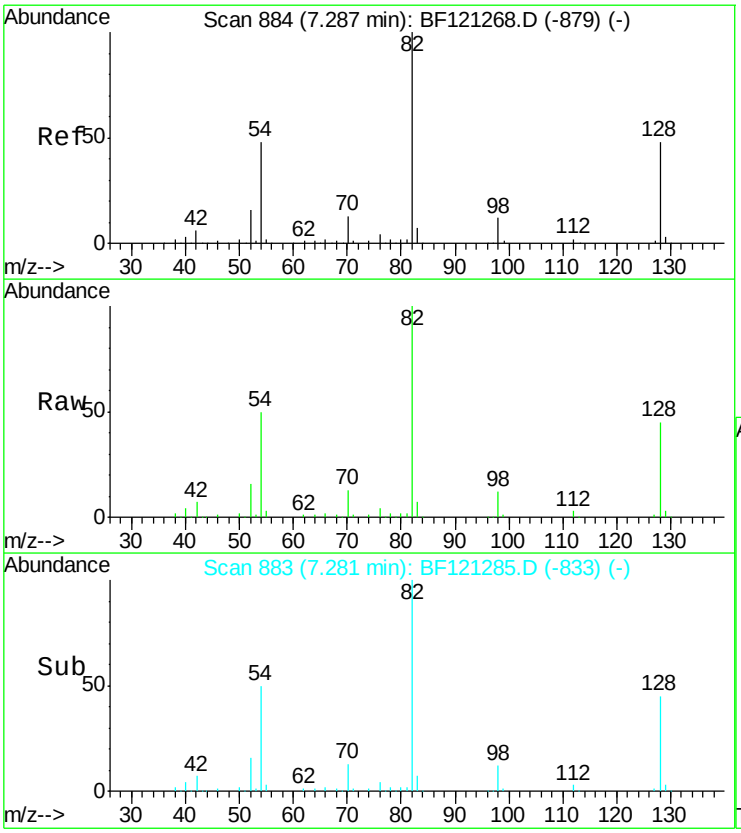
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion:136 Resp: 403136

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.6	5.3	7.9
68	6.1	4.2	6.2

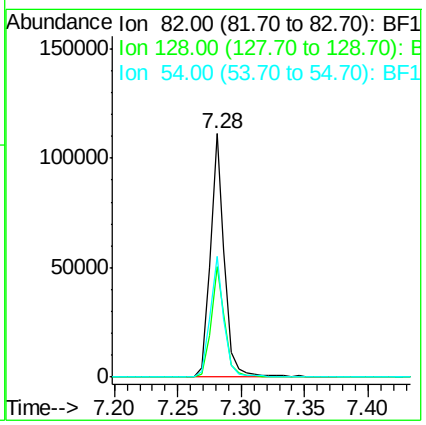


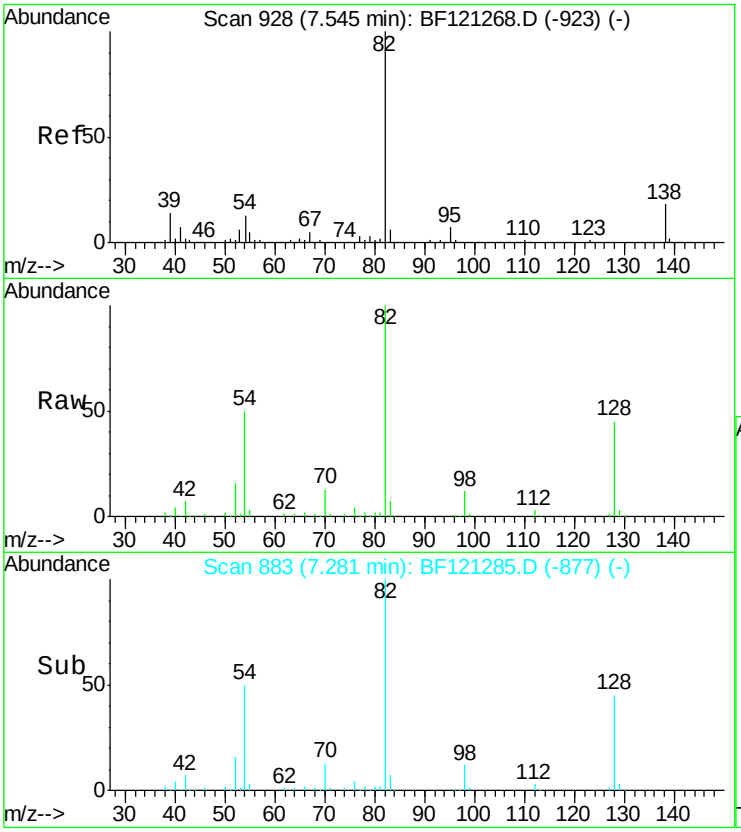


#23
Nitrobenzene-d5
Concen: 11.833 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion: 82 Resp: 87285

Ion	Ratio	Lower	Upper
82	100		
128	45.3	39.8	59.8
54	49.8	37.7	56.5



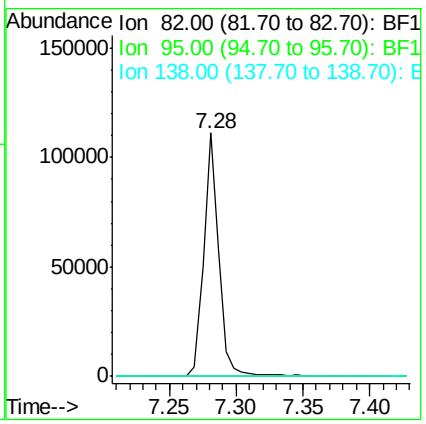


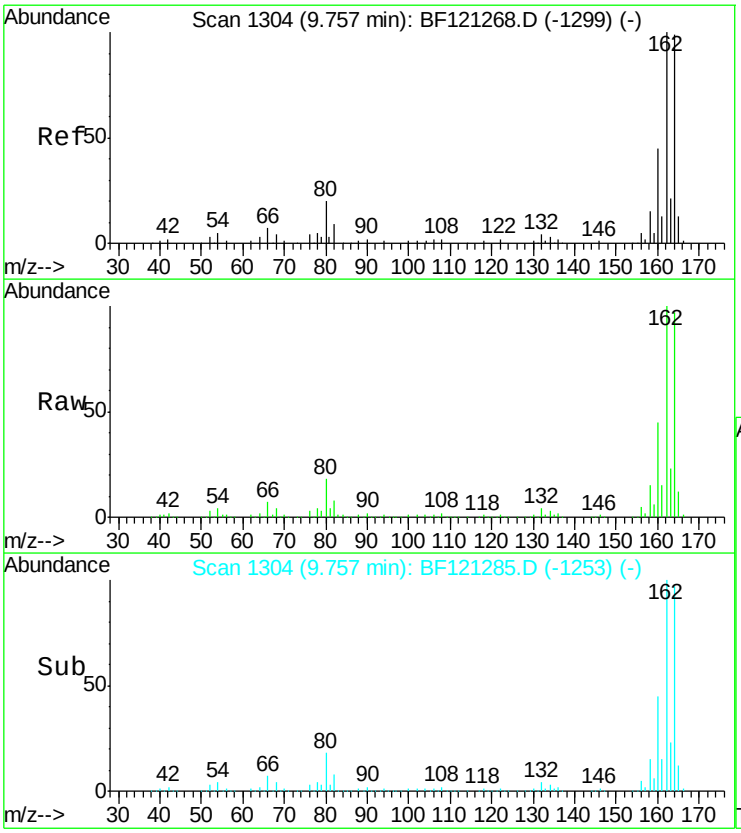
#25
Isophorone
Concen: 5.894 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion: 82 Resp: 87283

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	16.0	24.0#

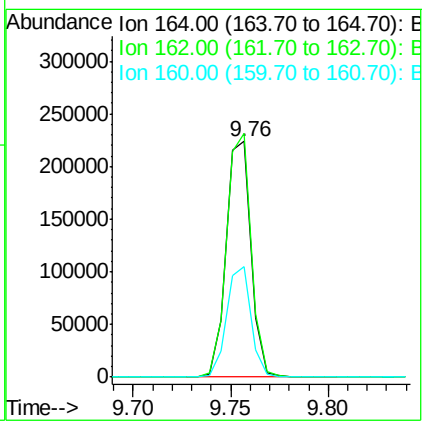


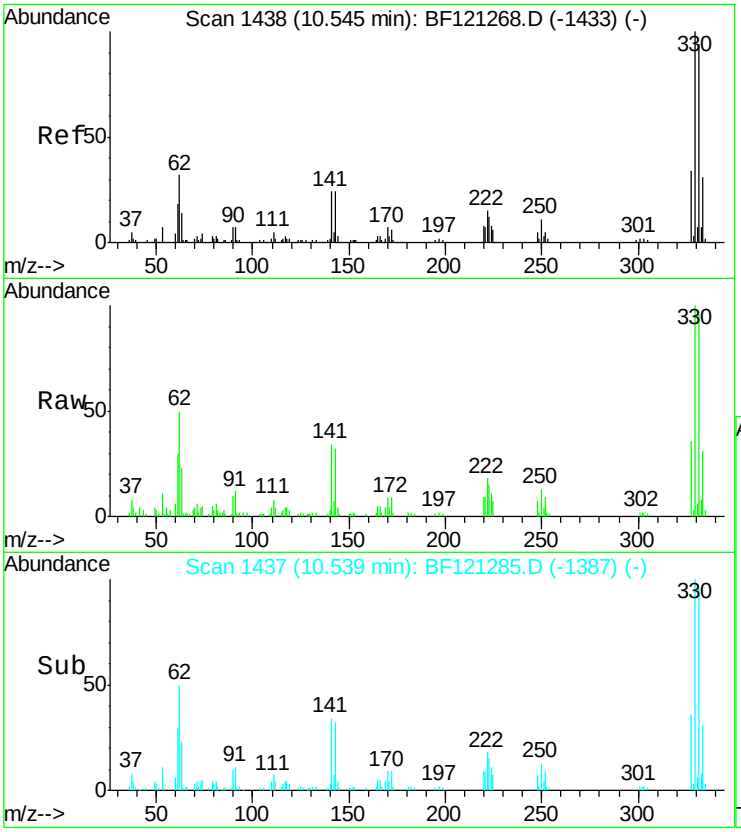


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion:164 Resp: 197820

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.2	121.8
160	47.0	36.9	55.3



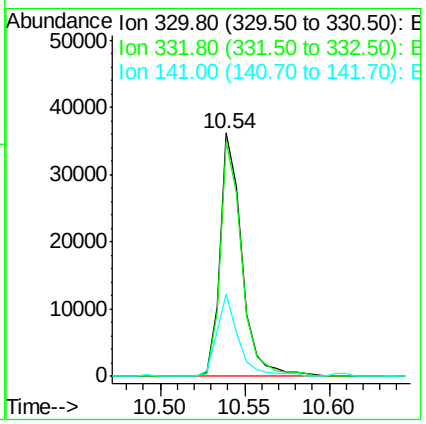


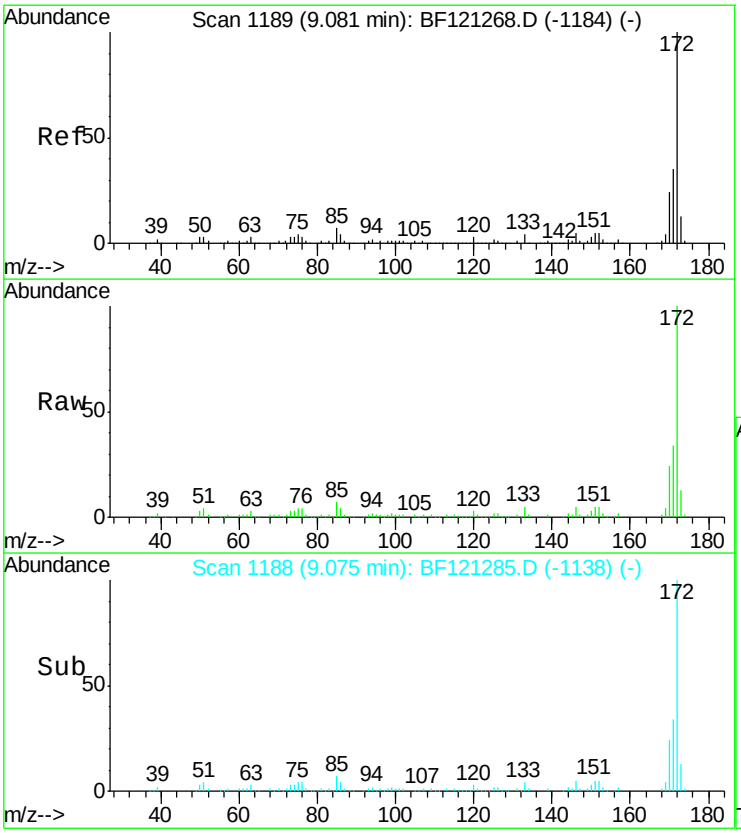
#42
2,4,6-Tribromophenol
Concen: 13.371 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion:330 Resp: 32567

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	33.9	23.4	35.2

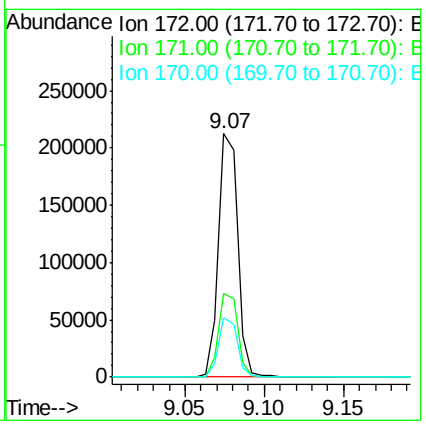


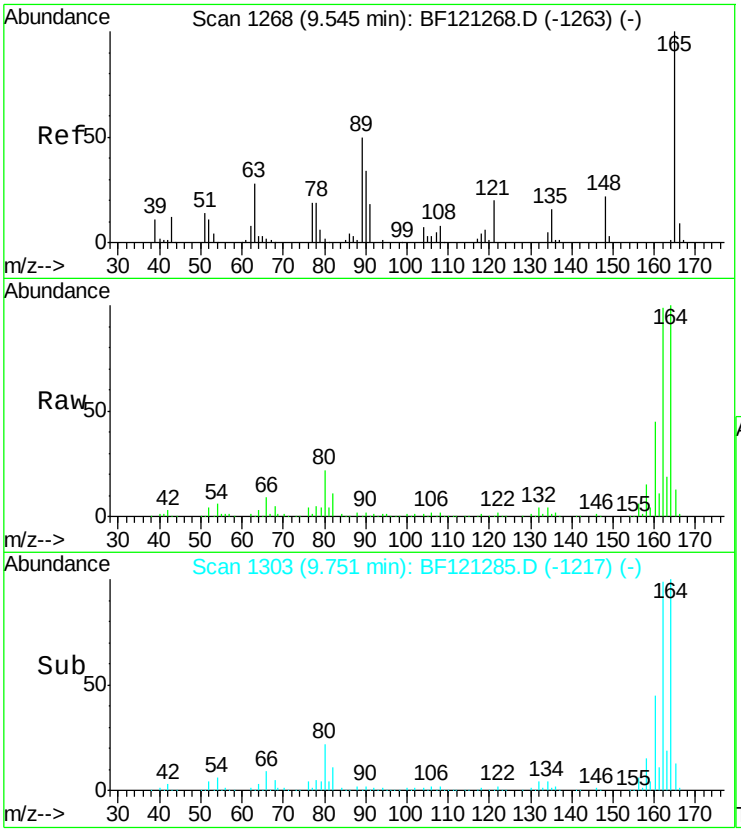


#45
2-Fluorobiphenyl
Concen: 12.565 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion:172 Resp: 179681

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.3	42.5
170	24.2	19.3	28.9



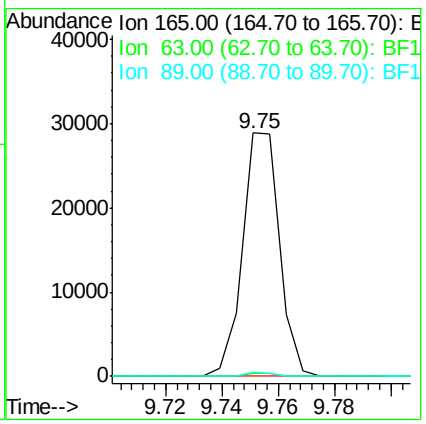


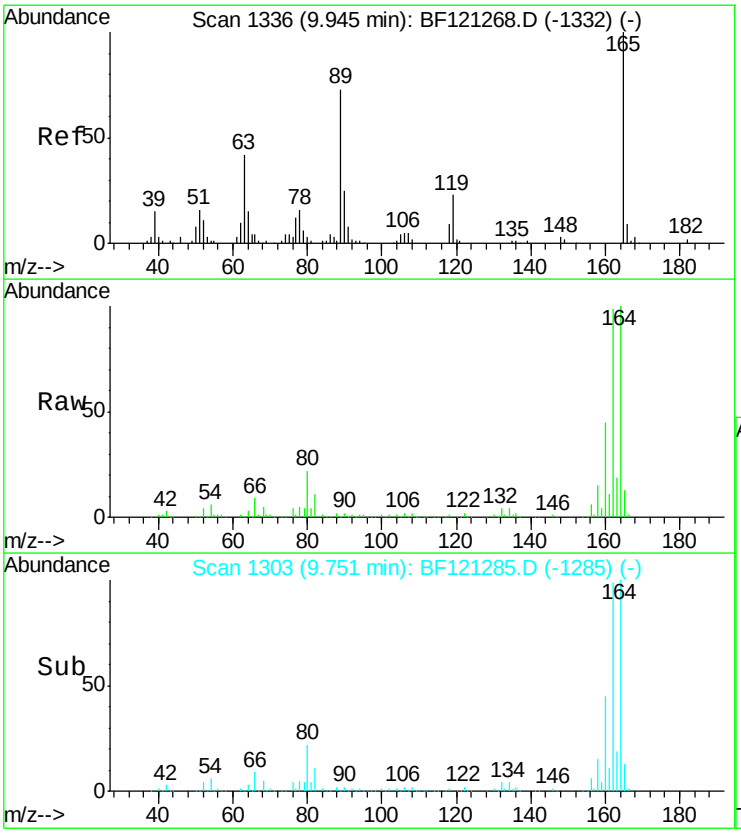
#51
2,6-Dinitrotoluene
Concen: 7.871 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion:165 Resp: 26119

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.7	45.0	67.4#

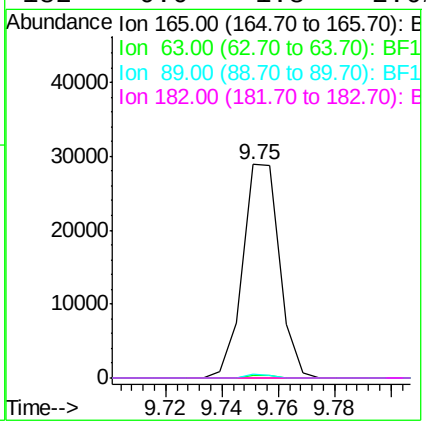


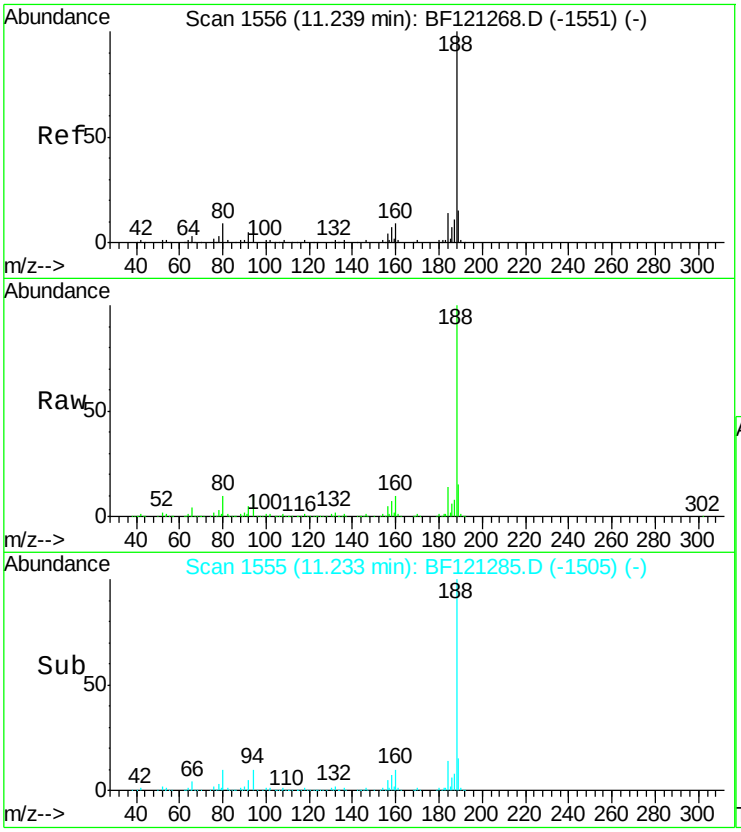


#57
2,4-Dinitrotoluene
Concen: 5.998 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion:165 Resp: 26119

Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.9	47.9#
89	1.7	53.6	80.4#
182	0.0	1.8	2.6#



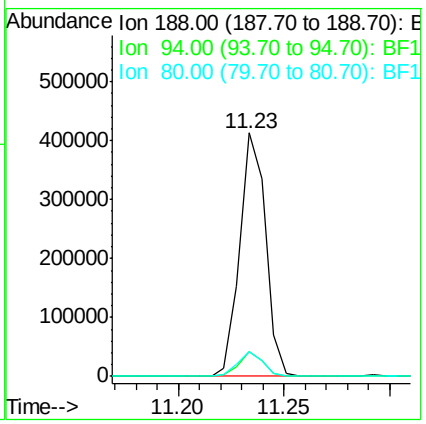


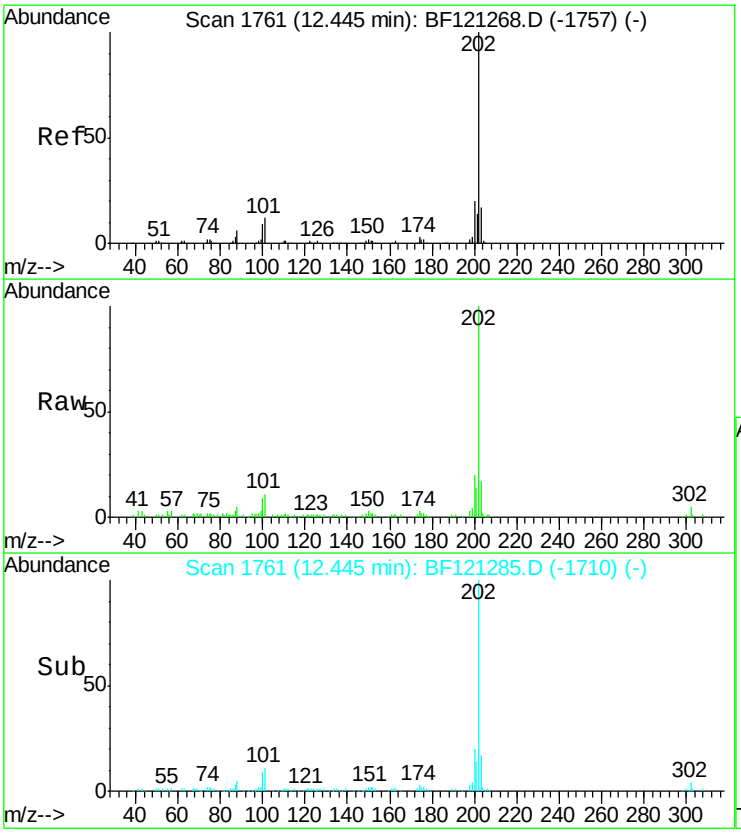
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion:188 Resp: 350524

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	10.1	7.4	11.0

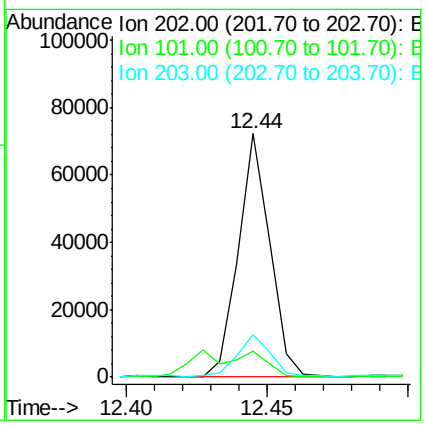


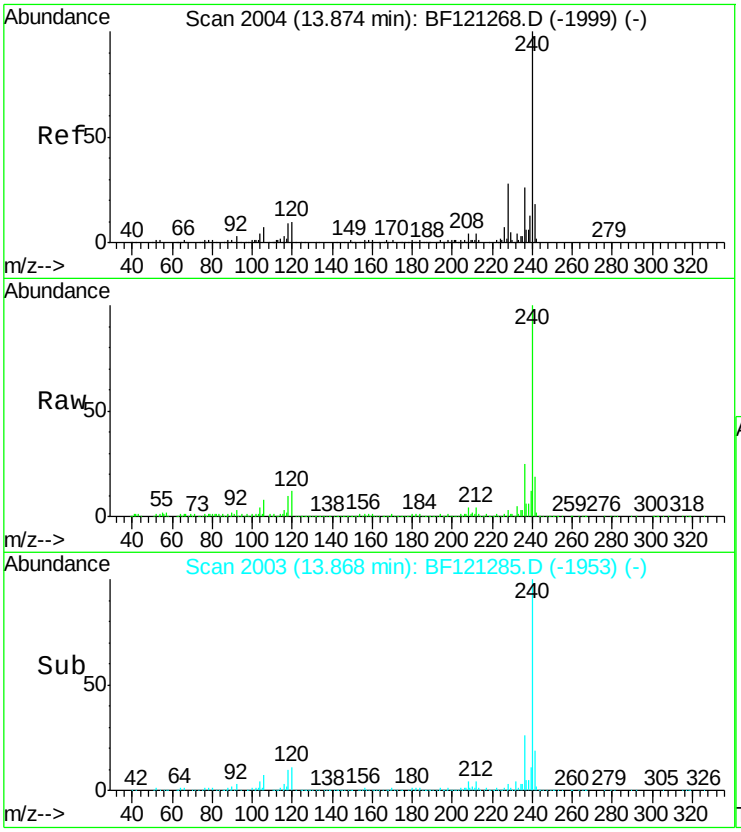


#75
Fluoranthene
Concen: 2.508 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion:202 Resp: 56013

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.6
203	17.4	0.0	38.0



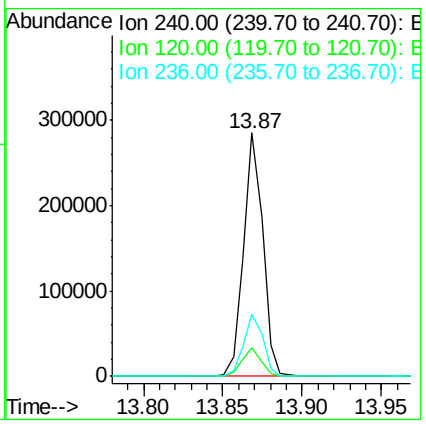


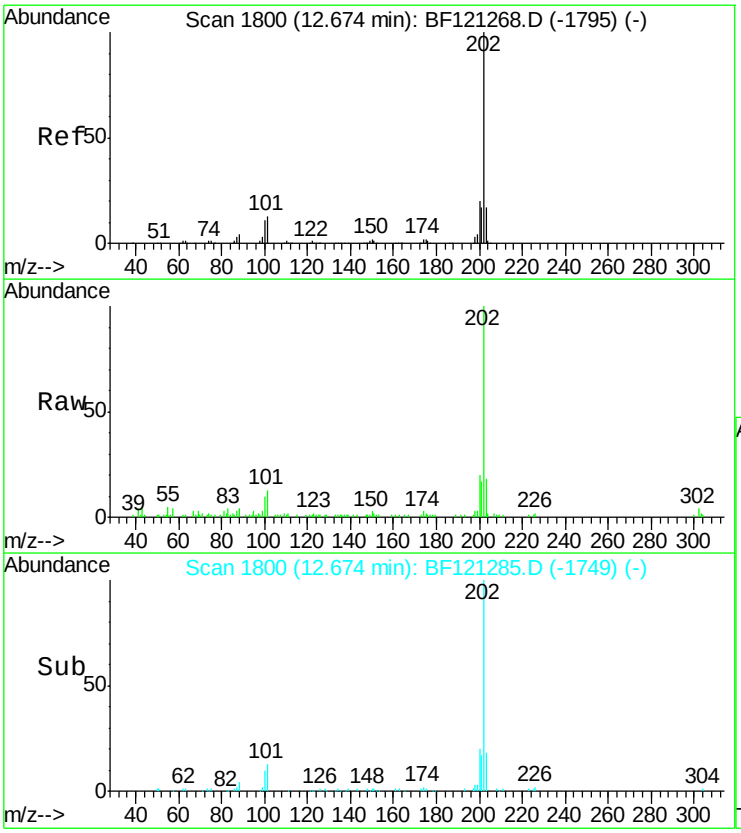
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion:240 Resp: 239616

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	25.5	21.0	31.4

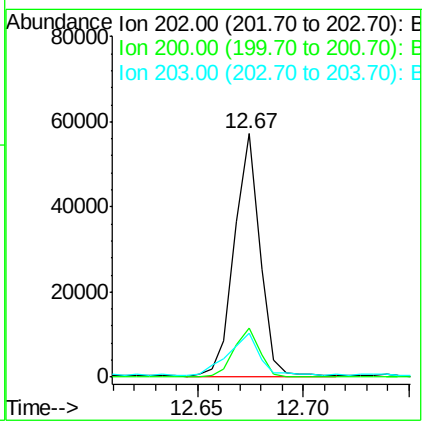


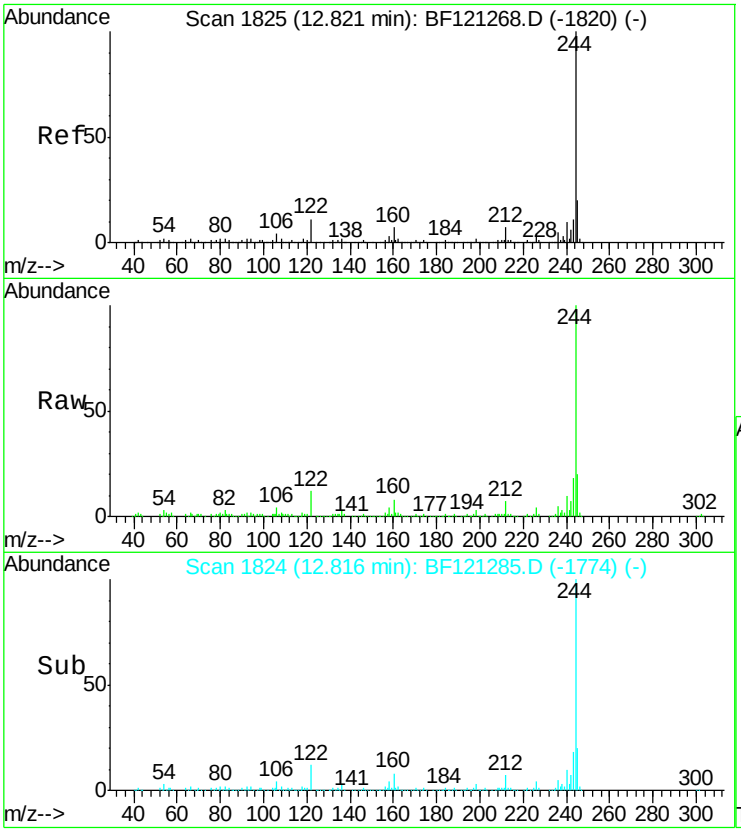


#78
Pyrene
Concen: 2.706 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion:202 Resp: 48280

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.3	24.5
203	18.1	13.8	20.8



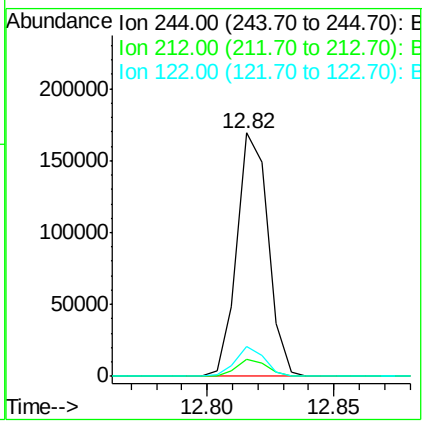


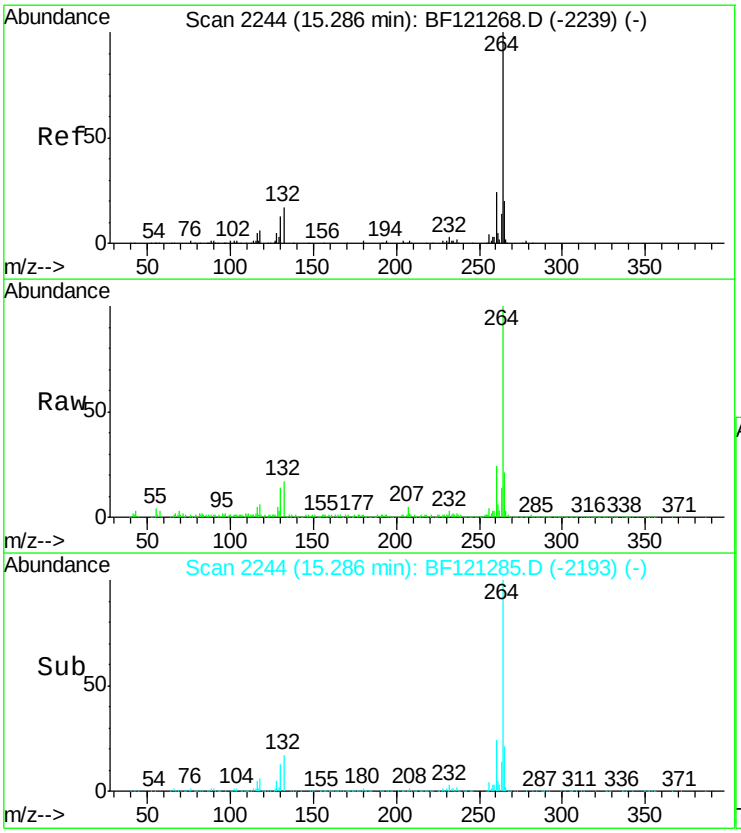
#79
Terphenyl-d14
Concen: 11.813 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion:244 Resp: 145211

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	12.3	9.1	13.7

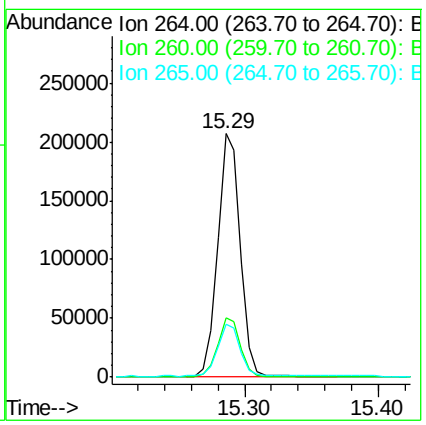


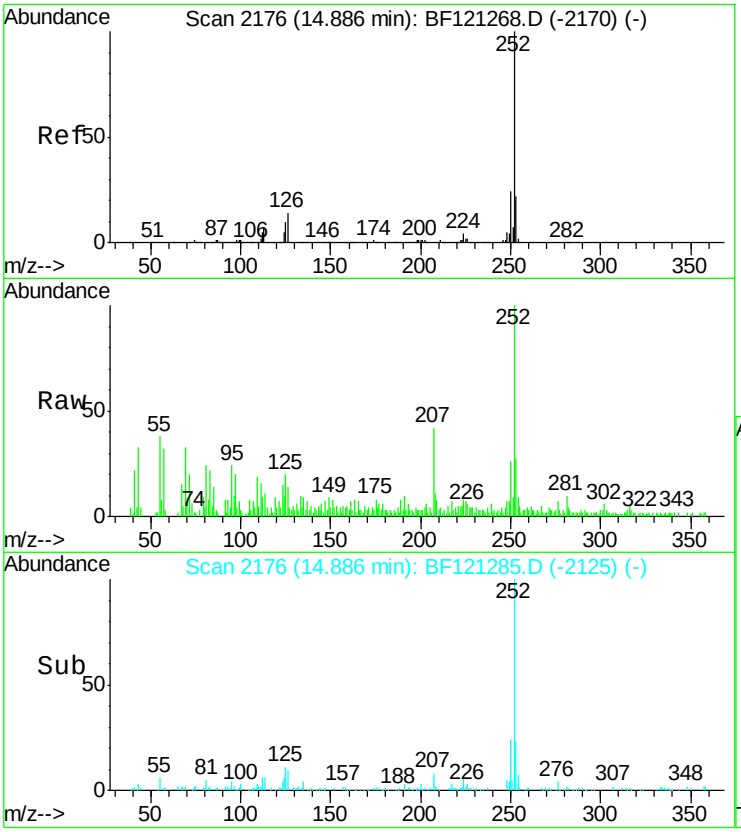


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion:264 Resp: 244468

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.1	25.7



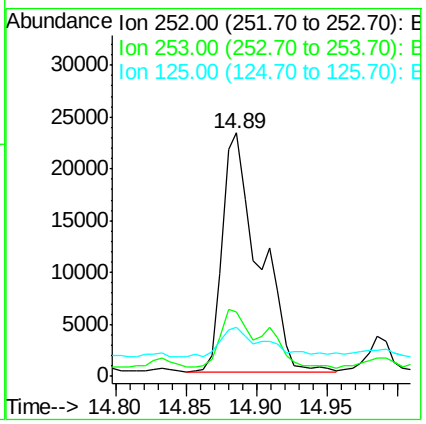


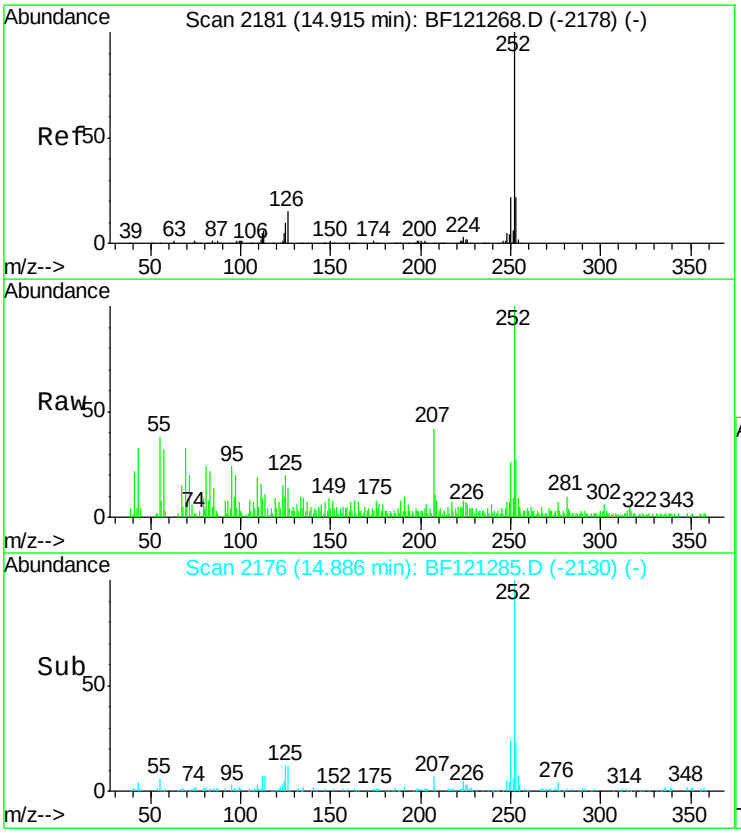
#88
Benzo(b)fluoranthene
Concen: 2.521 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Instrument :
BNA_F
ClientSampleId :
NB-08-081220

Tgt Ion:252 Resp: 41302

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	20.3	7.6	11.4#





#89
Benzo(k)fluoranthene
Concen: 2.715 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF121285.D
Acq: 13 Aug 2020 22:43

Tgt Ion:252 Resp: 41302

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.0	27.0
125	20.3	8.8	13.2#