Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121305.D
Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

Quant Time: Aug 17 13:43:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92260	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	356490	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	187839	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	370237	20.00	ng		0.00
76) Chrysene-d12	13.86	240	323995	20.00	ng		0.00
86) Perylene-d12	15.27	264	307378	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	209178	34.37	ng		0.00
7) Phenol-d6	6.34	99	252670	32.22	ng		0.00
23) Nitrobenzene-d5	7.26	82	161987	24.83	ng		-0.01
42) 2,4,6-Tribromophenol	10.53	330	79634	34.43	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	333164	24.53	ng		0.00
79) Terphenyl-d14	12.80	244	395496	23.80	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	20691	4.749	ng	#	77
25) Isophorone	7.26	82	161986	12.369	ng	#	63
51) 2,6-Dinitrotoluene	9.74	165	24605	7.809	ng	#	26
57) 2,4-Dinitrotoluene	9.74	165	24605	5.950	ng	#	27
71) Phenanthrene	11.25	178	69530	3.283	ng		99
72) Anthracene	11.25	178	69530	3.271	ng		98
75) Fluoranthene	12.43	202	181238	7.684	ng		97
78) Pyrene	12.66	202	156908	6.503	ng		99
81) Benzo(a)anthracene	13.84	228	72825	3.314	ng		100
83) Chrysene	13.88	228	81244	3.621	ng		97
84) Bis(2-ethylhexyl)phthalate	13.84	149	29449	2.168	ng		99
87) Indeno(1,2,3-cd)pyrene	16.62	276	49413	2.162	ng		98
88) Benzo(b)fluoranthene	14.86	252	132510	6.434	ng	#	96
89) Benzo(k)fluoranthene	14.86	252	132510	6.928	ng		97
90) Benzo(a)pyrene	15.21	252	63429	3.412	ng		99
92) Benzo(g,h,i)perylene	17.03	276	48442	2.507	ng		98

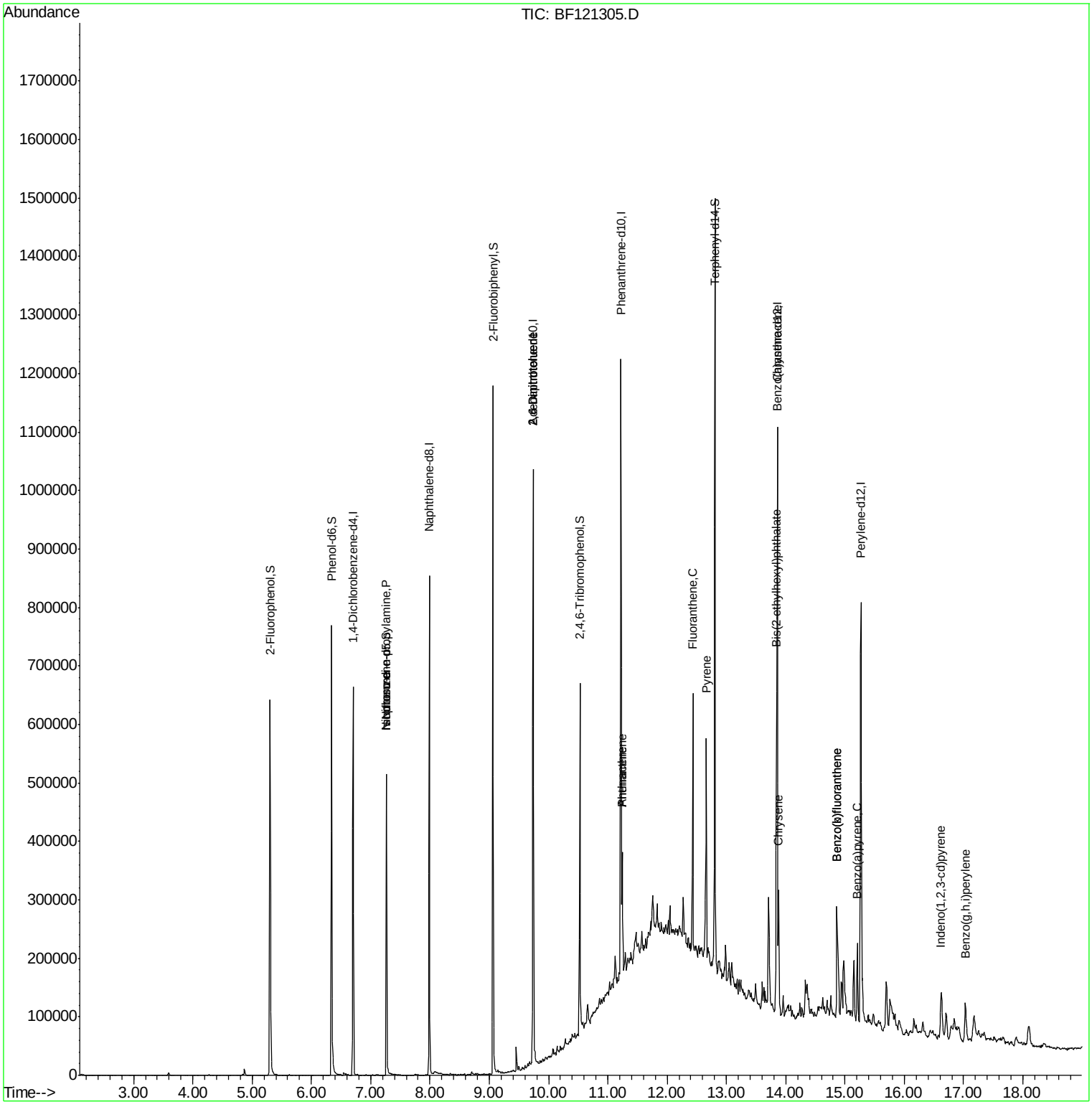
(#) = qualifier out of range (m) = manual integration (+) = signals summed

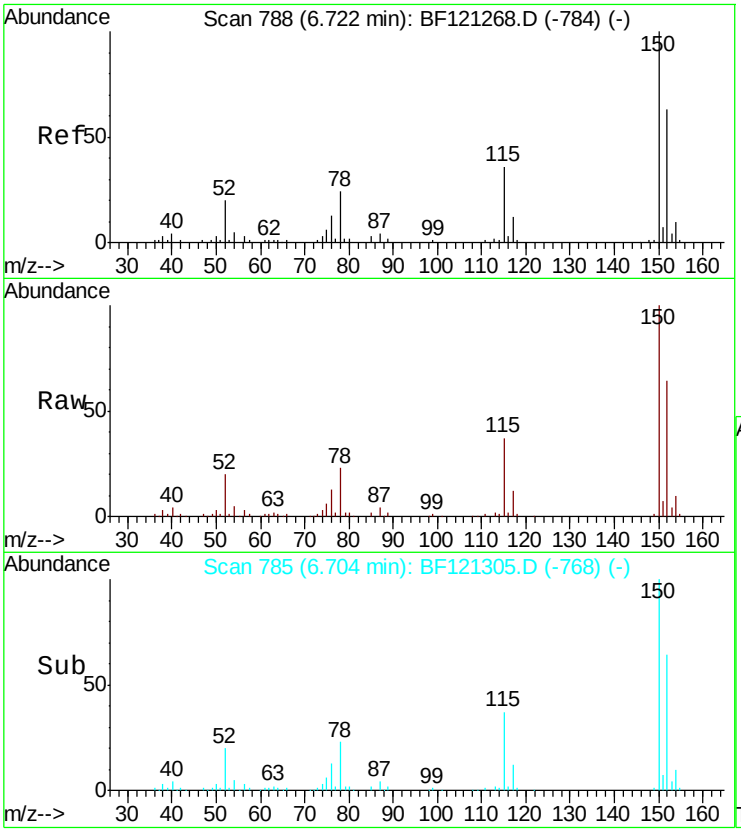
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121305.D
Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-58

Quant Time: Aug 17 13:43:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration



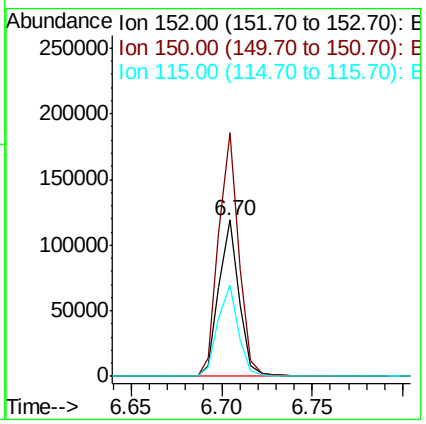


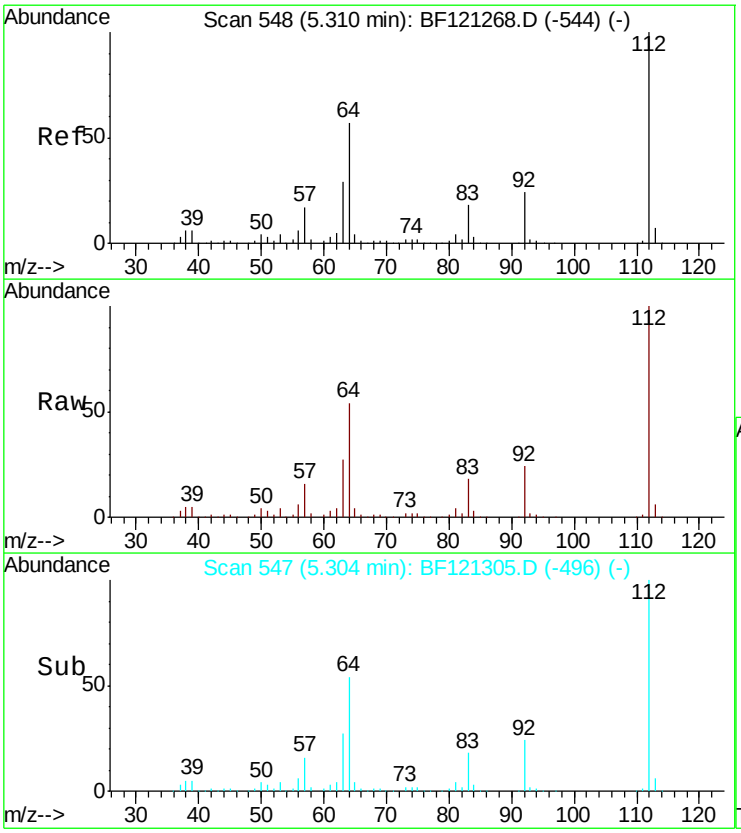
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:152 Resp: 92260

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.9	185.9
115	58.3	47.3	70.9

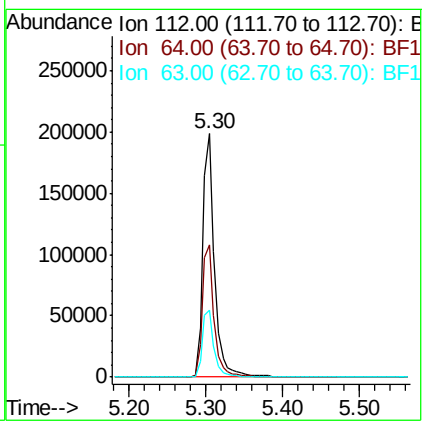


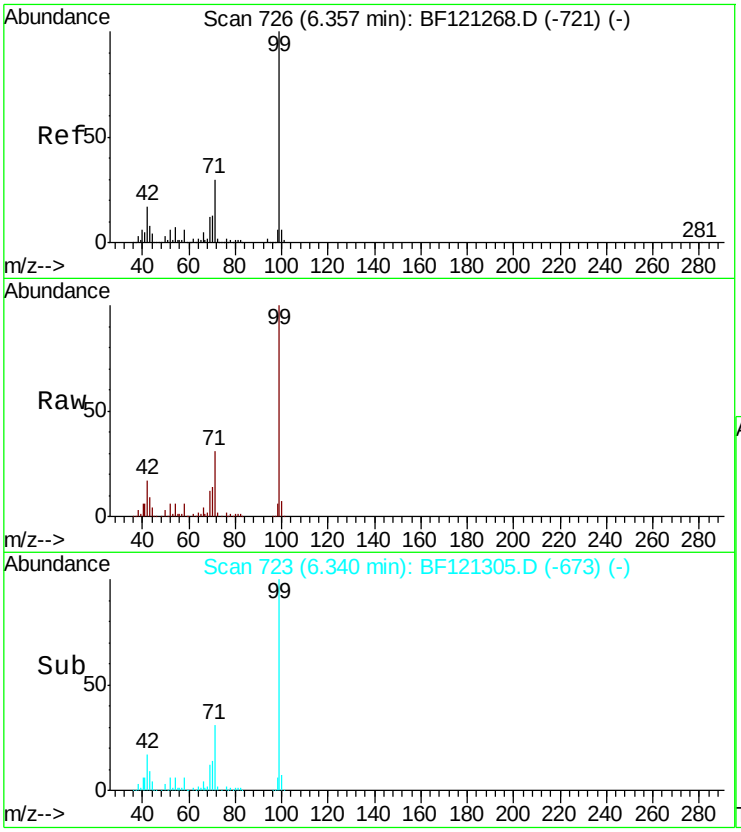


#5
2-Fluorophenol
Concen: 34.373 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:112 Resp: 209178

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.9	64.3
63	27.4	22.2	33.2



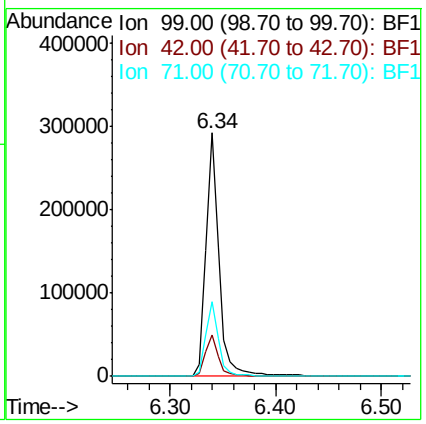


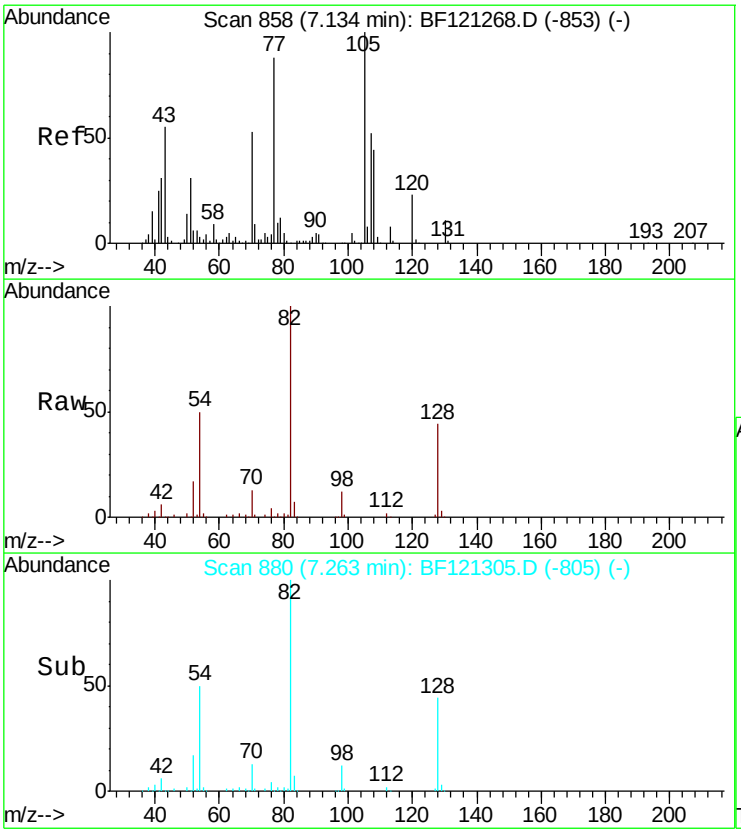
#7
Phenol-d6
Concen: 32.220 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion: 99 Resp: 252670

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	30.6	24.8	37.2

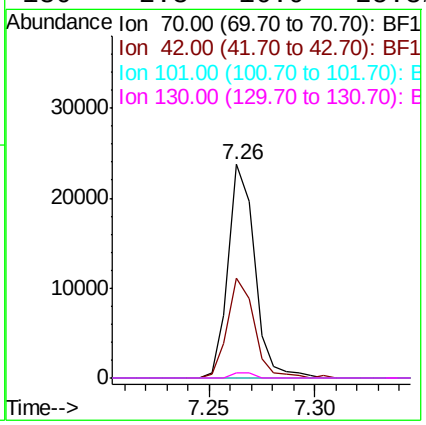


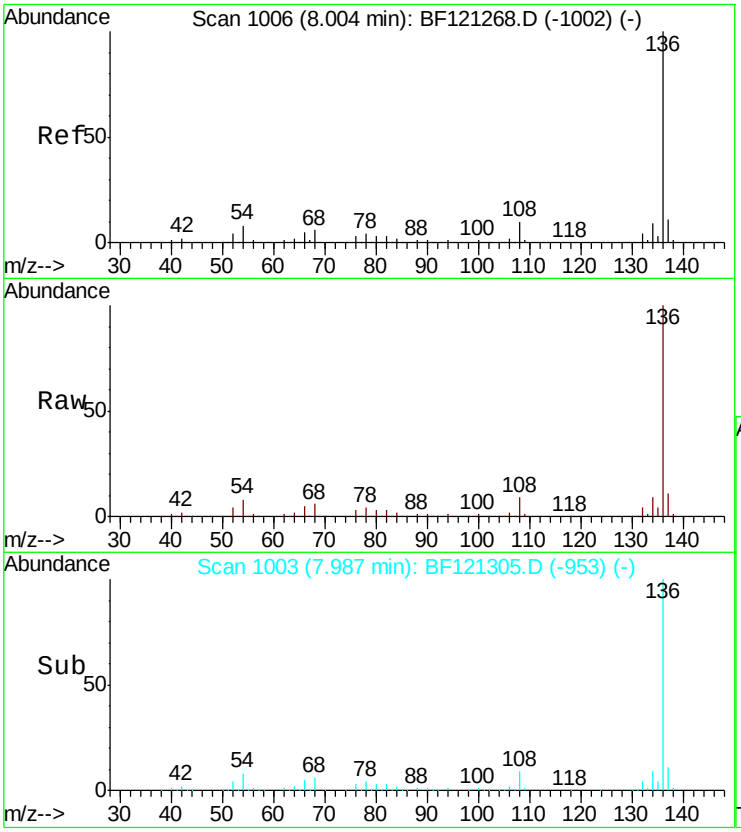


#19
n-Nitroso-di-n-propylamine
Concen: 4.749 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion: 70 Resp: 20691

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.0	70.6#
101	0.0	7.6	11.4#
130	2.3	16.9	25.3#



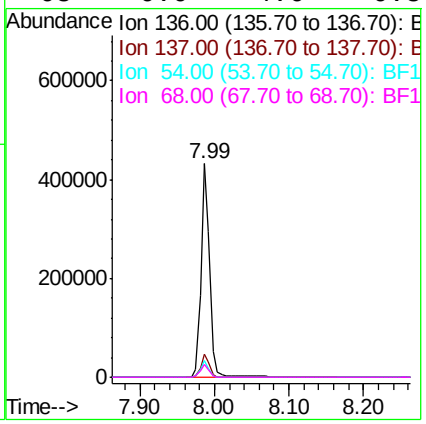


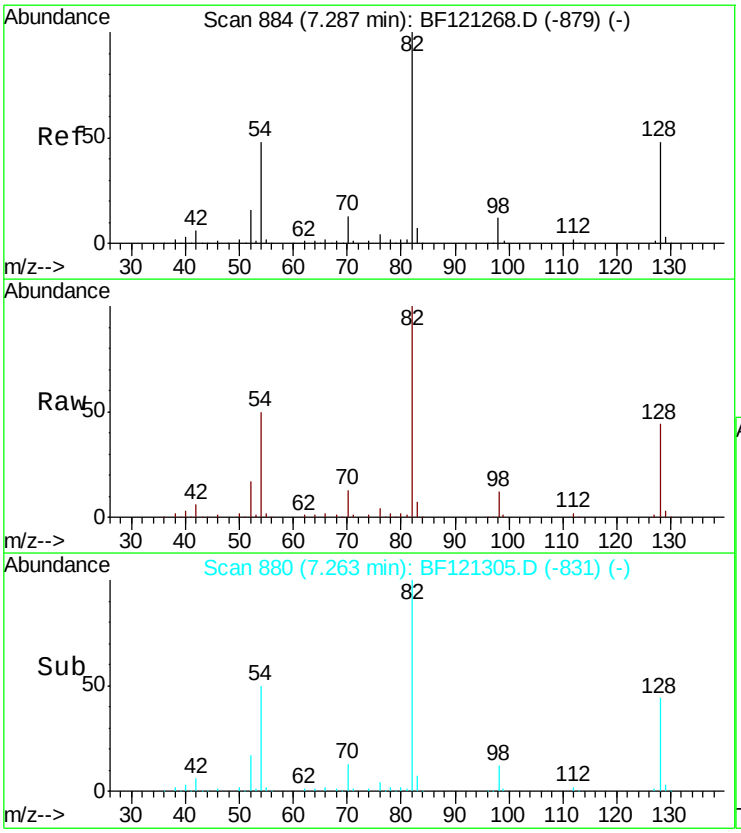
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:136 Resp: 356490

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.6	5.4	8.2
68	6.0	4.6	6.8

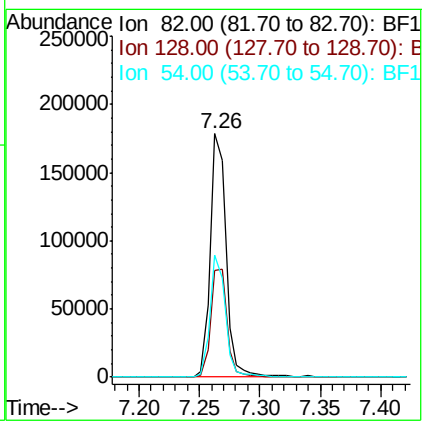


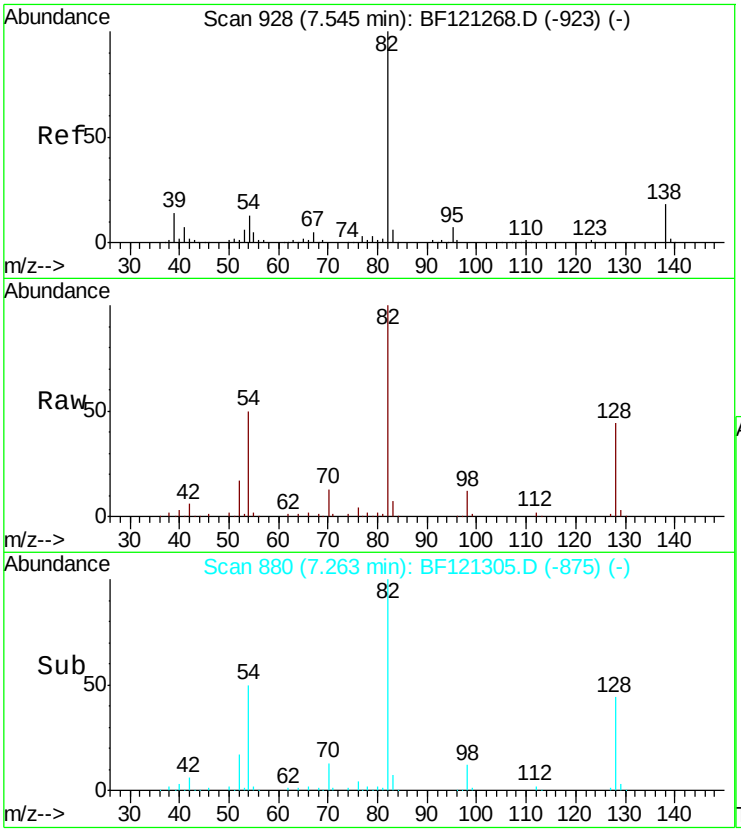


#23
Nitrobenzene-d5
Concen: 24.834 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion: 82 Resp: 161987

Ion	Ratio	Lower	Upper
82	100		
128	44.0	38.2	57.2
54	50.2	38.2	57.4



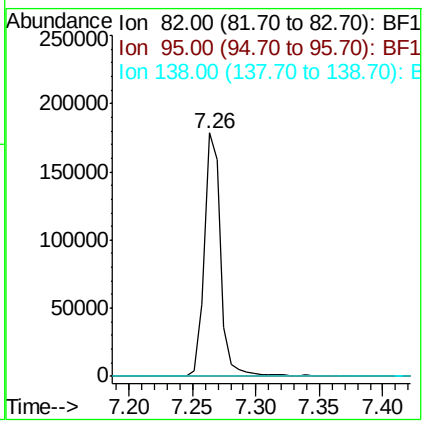


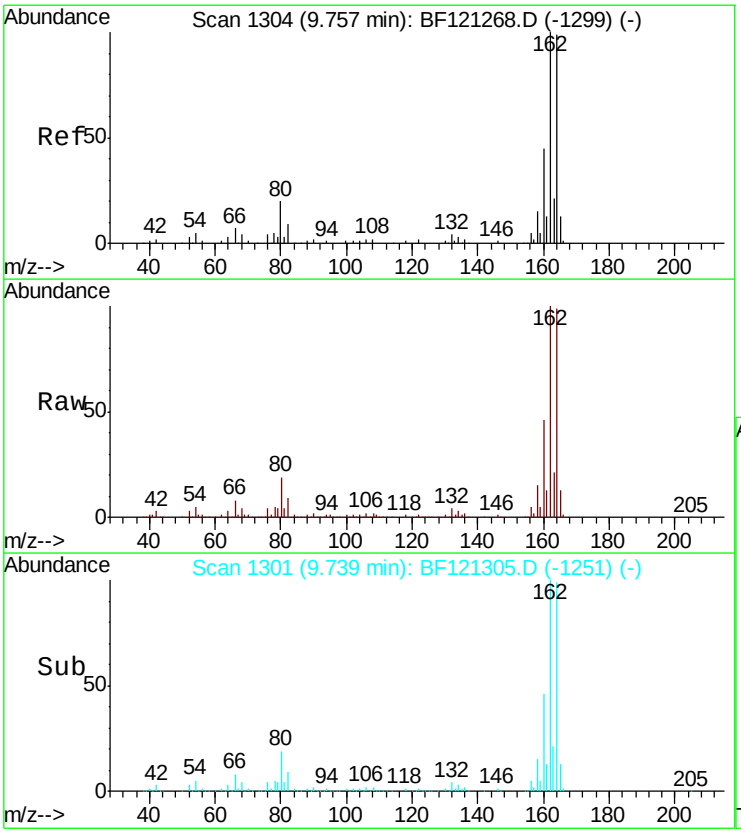
#25
Isophorone
Concen: 12.369 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion: 82 Resp: 161986

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.6	23.4#

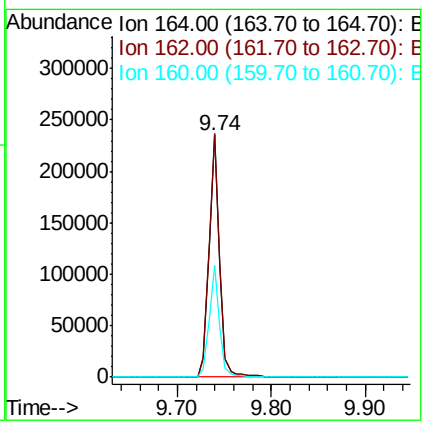


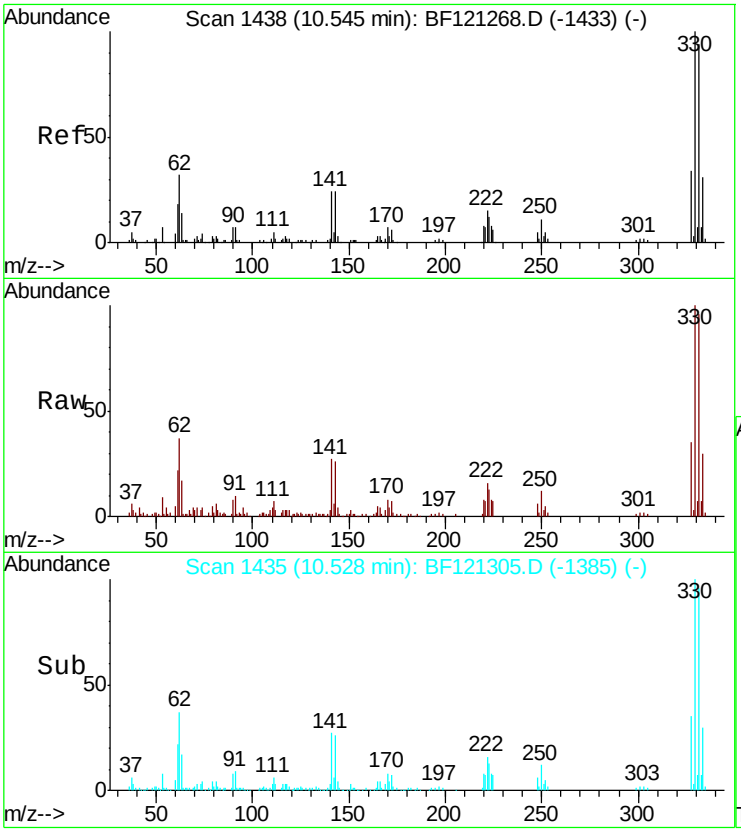


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:164 Resp: 187839

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	46.3	36.5	54.7



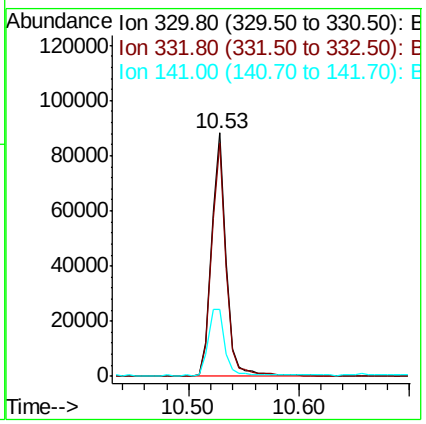


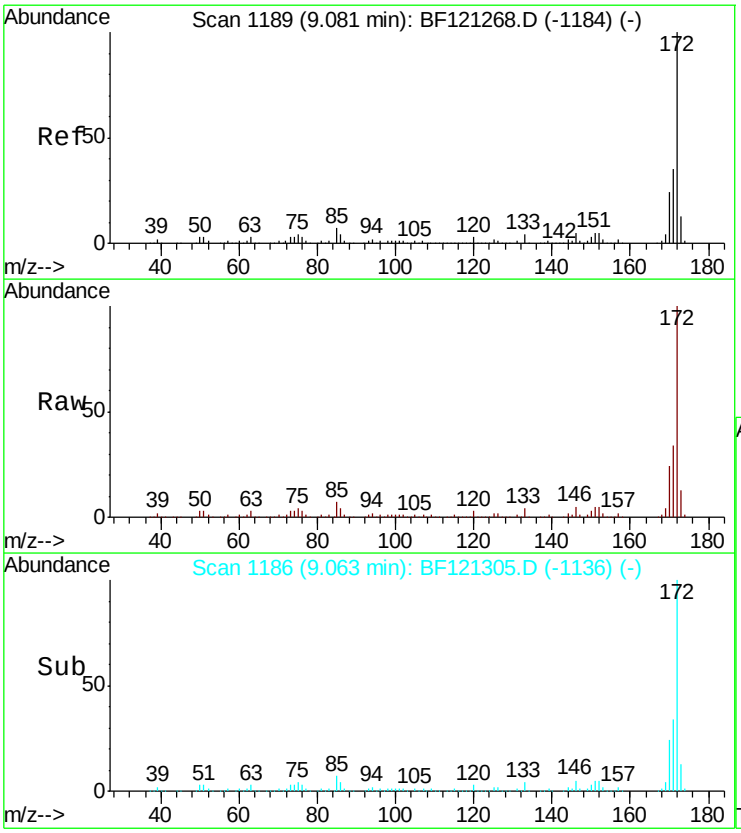
#42
2,4,6-Tribromophenol
Concen: 34.434 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:330 Resp: 79634

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.0
141	33.0	24.2	36.4

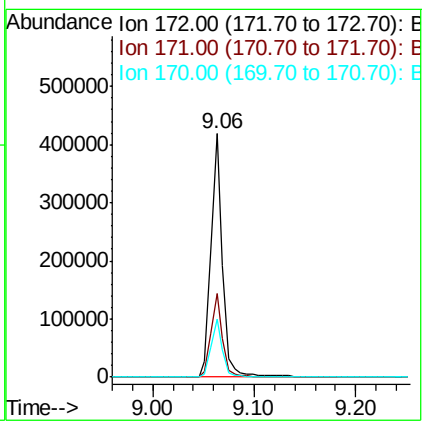


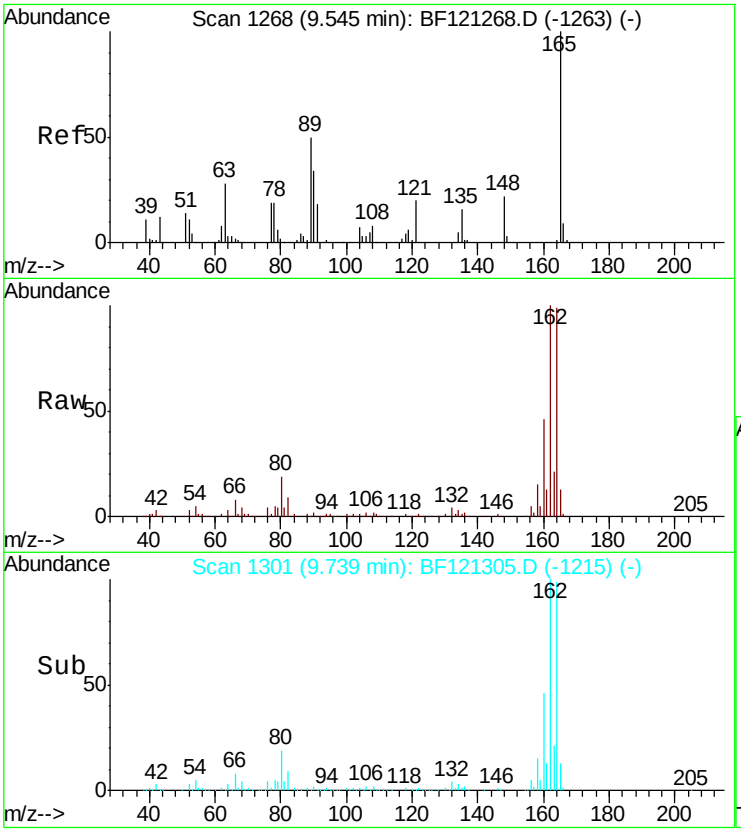


#45
2-Fluorobiphenyl
Concen: 24.535 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:172 Resp: 333164

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.8	43.2
170	23.9	19.3	28.9



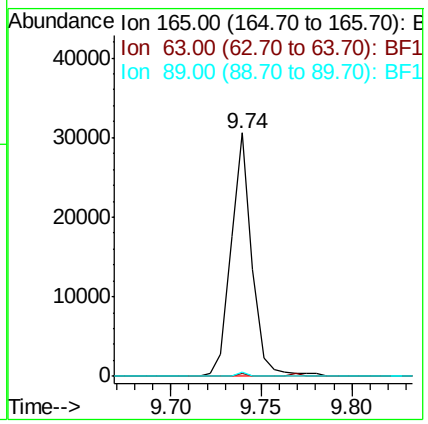


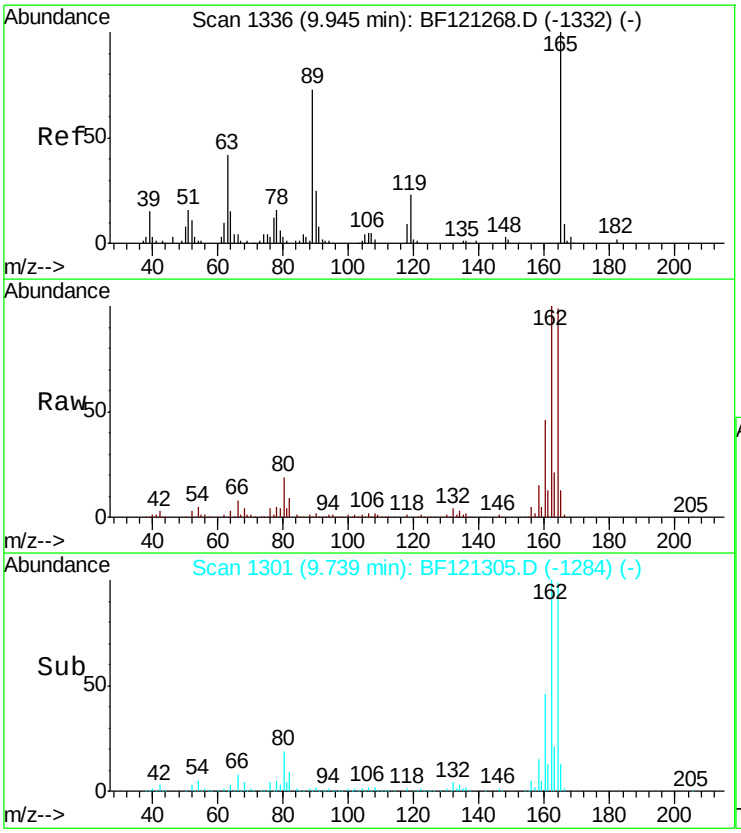
#51
2,6-Dinitrotoluene
Concen: 7.809 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:165 Resp: 24605

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.0	63.0#
89	1.5	44.7	67.1#

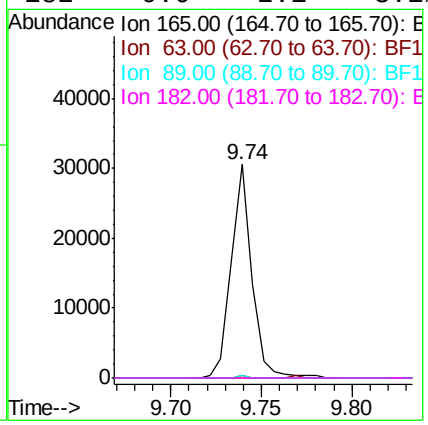


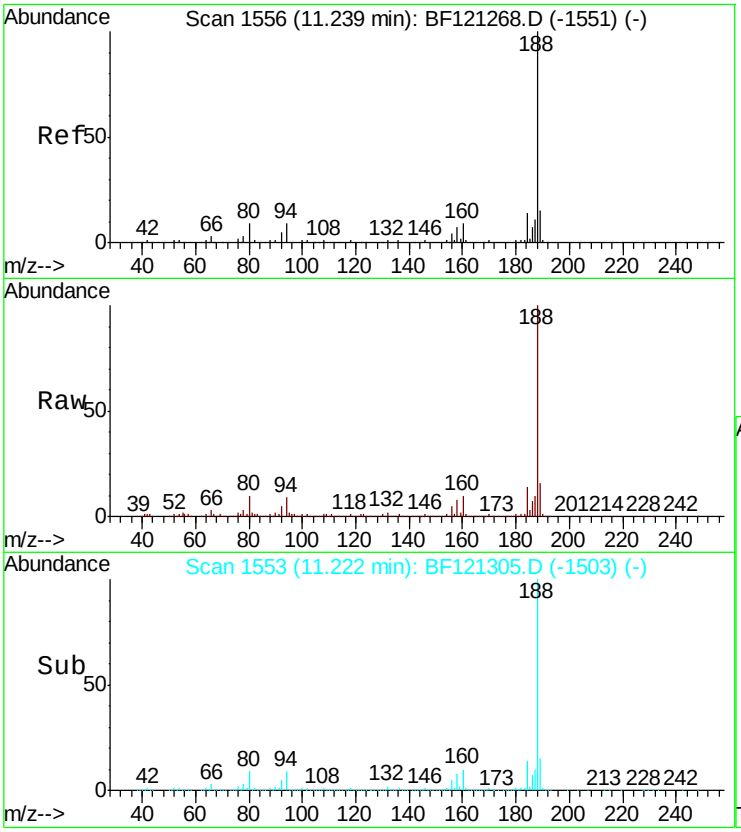


#57
2,4-Dinitrotoluene
Concen: 5.950 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:165 Resp: 24605

Ion	Ratio	Lower	Upper
165	100		
63	1.0	31.7	47.5#
89	1.5	52.8	79.2#
182	0.0	2.1	3.1#



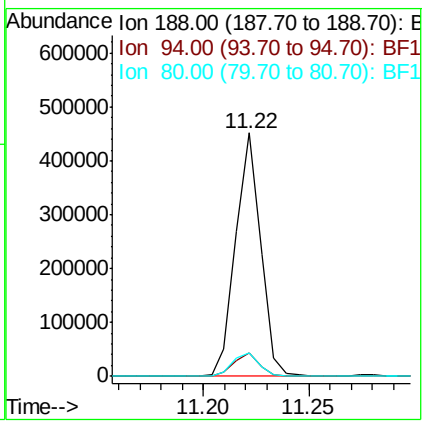


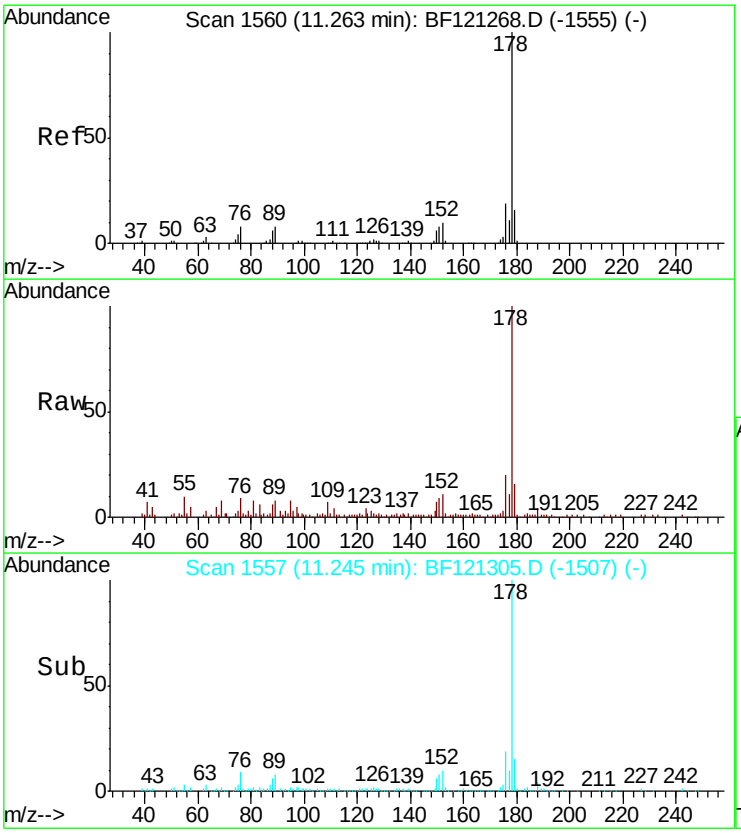
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:188 Resp: 370237

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.4	9.6
80	9.6	7.0	10.4

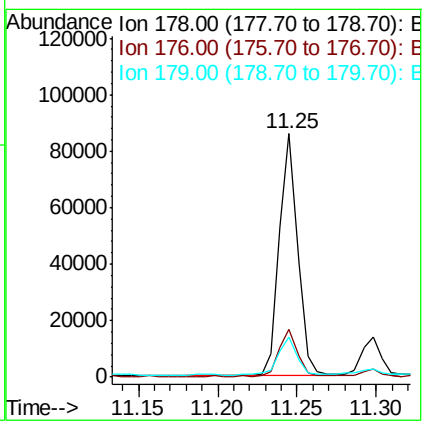


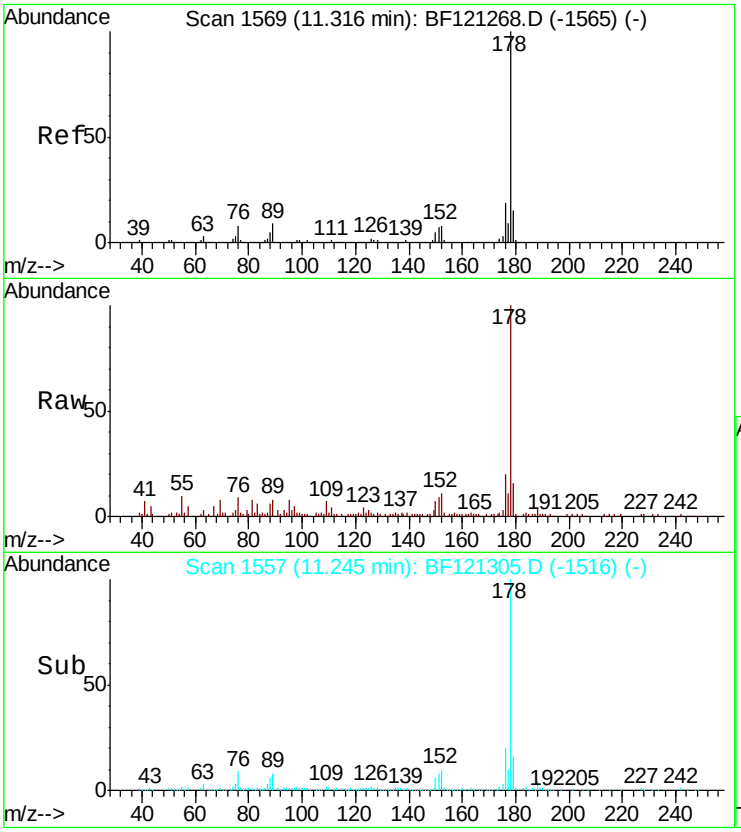


#71
Phenanthrene
Concen: 3.283 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:178 Resp: 69530

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.3	12.3	18.5



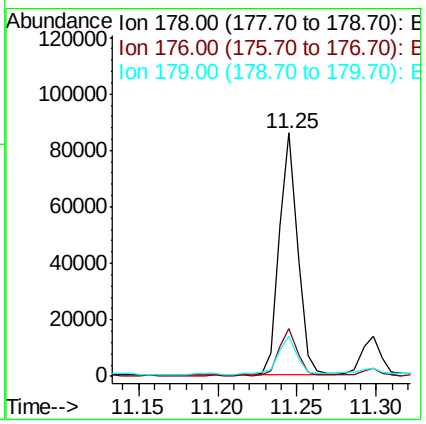


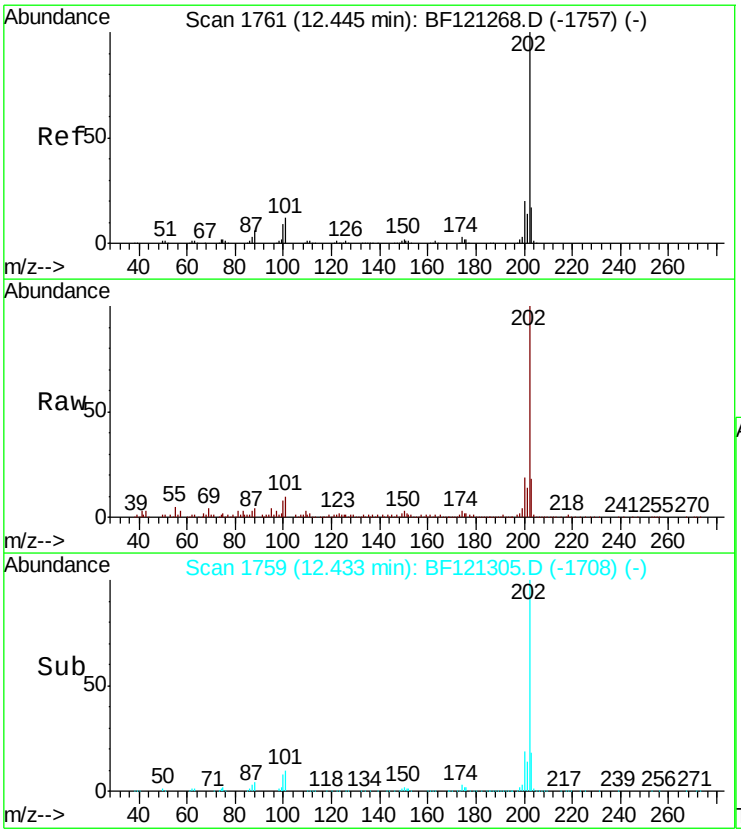
#72
Anthracene
Concen: 3.271 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.06 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:178 Resp: 69530

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.9	22.3
179	16.3	12.2	18.4

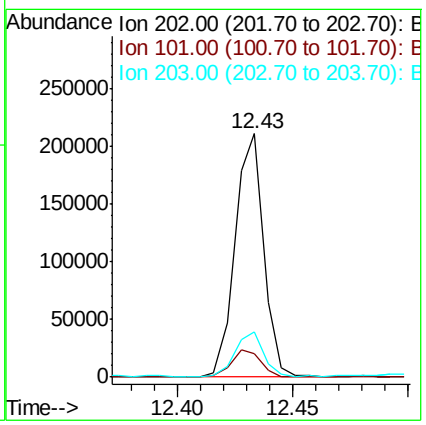


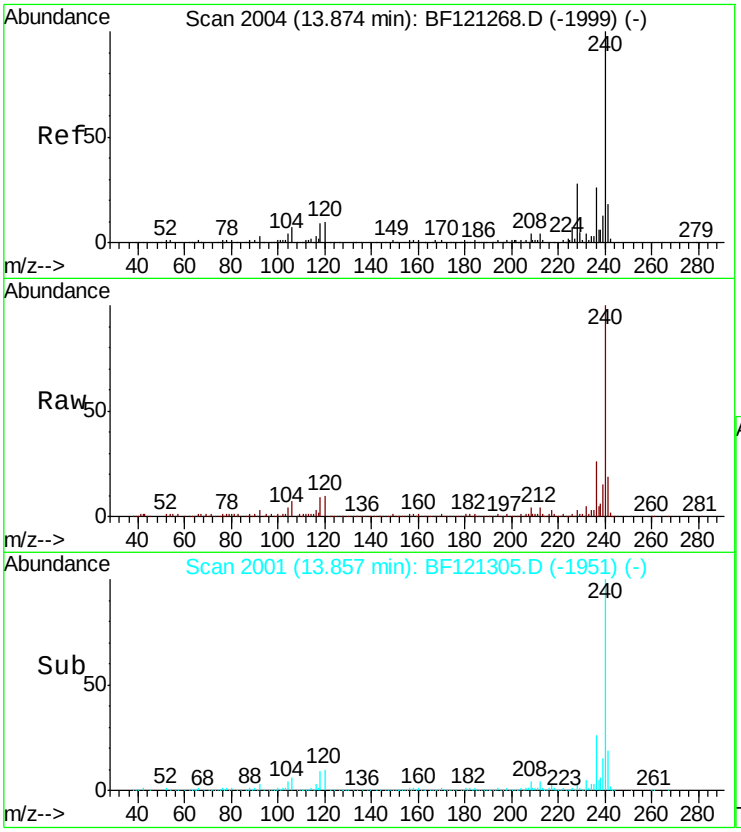


#75
Fluoranthene
Concen: 7.684 ng
RT: 12.43 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:202 Resp: 181238

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.2
203	18.5	0.0	38.2



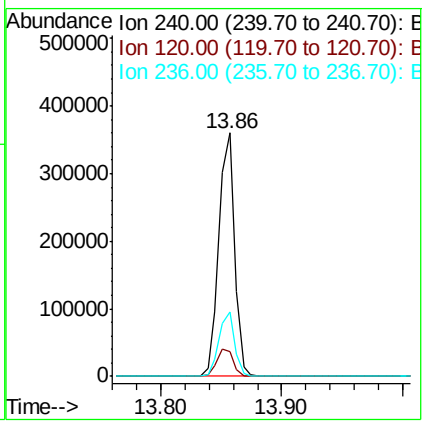


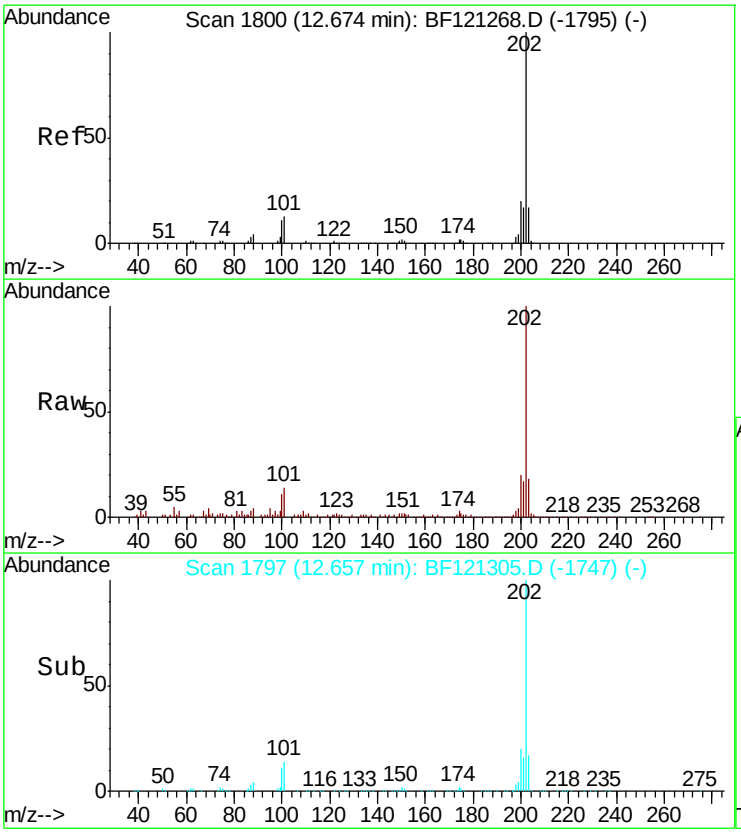
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:240 Resp: 323995

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	26.2	21.2	31.8

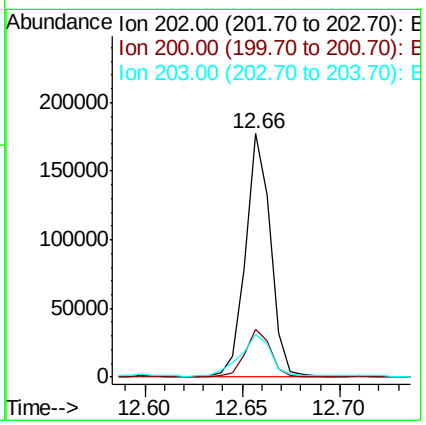


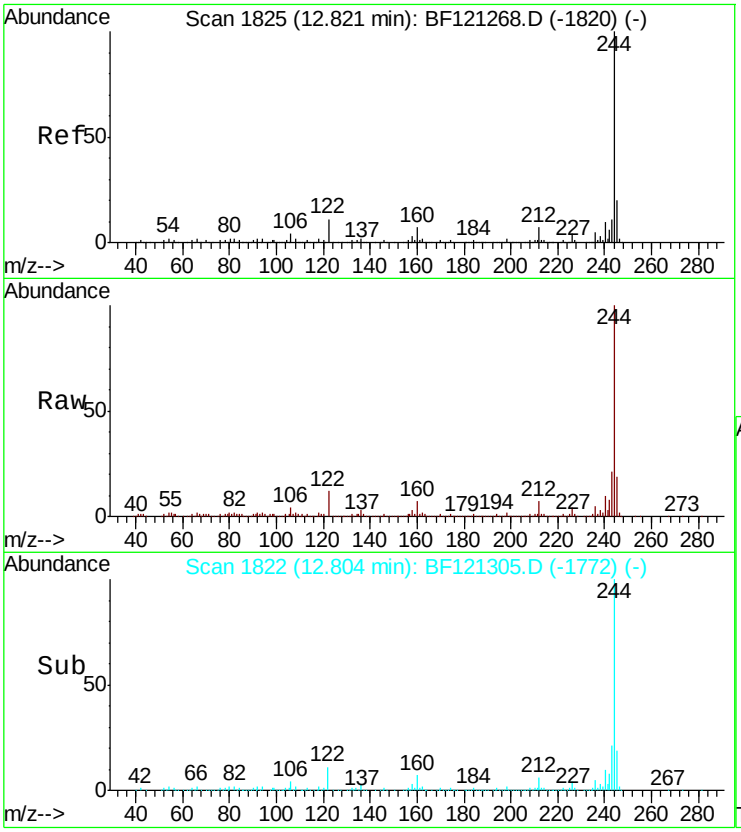


#78
Pyrene
Concen: 6.503 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:202 Resp: 156908

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.4	24.6
203	17.8	14.2	21.4



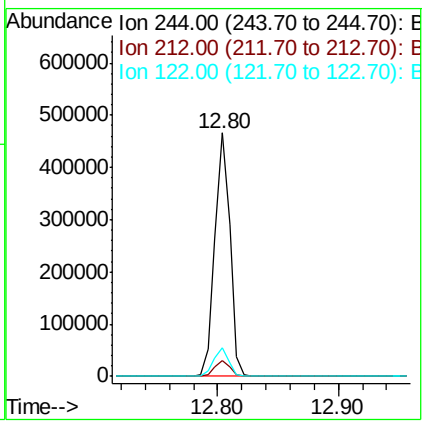


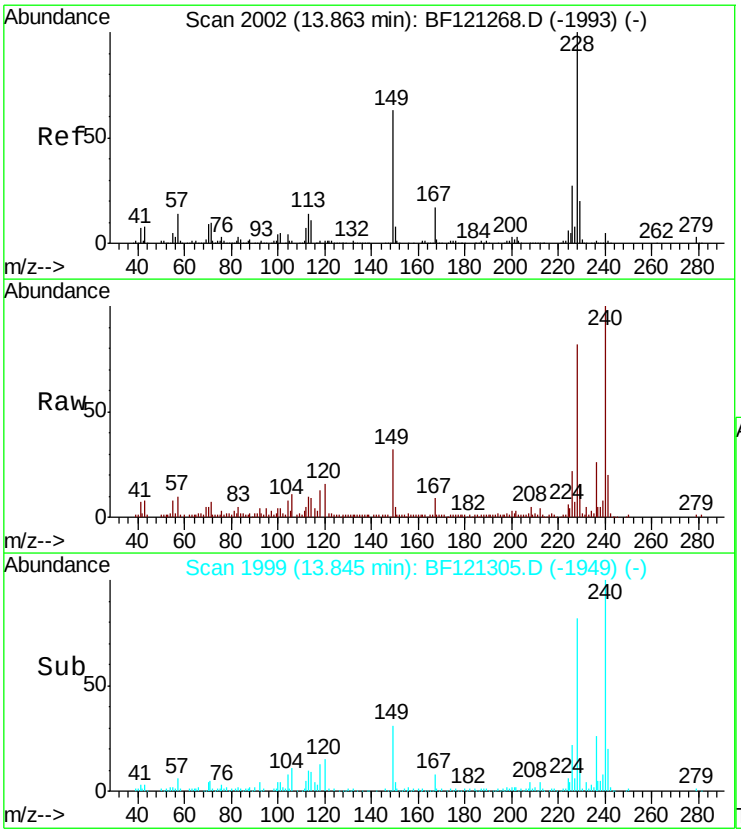
#79
Terphenyl-d14
Concen: 23.795 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:244 Resp: 395496

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.6	9.0	13.6

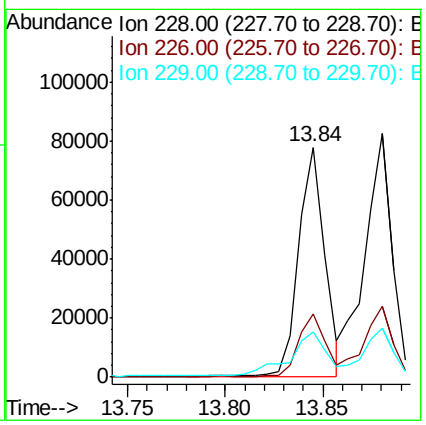


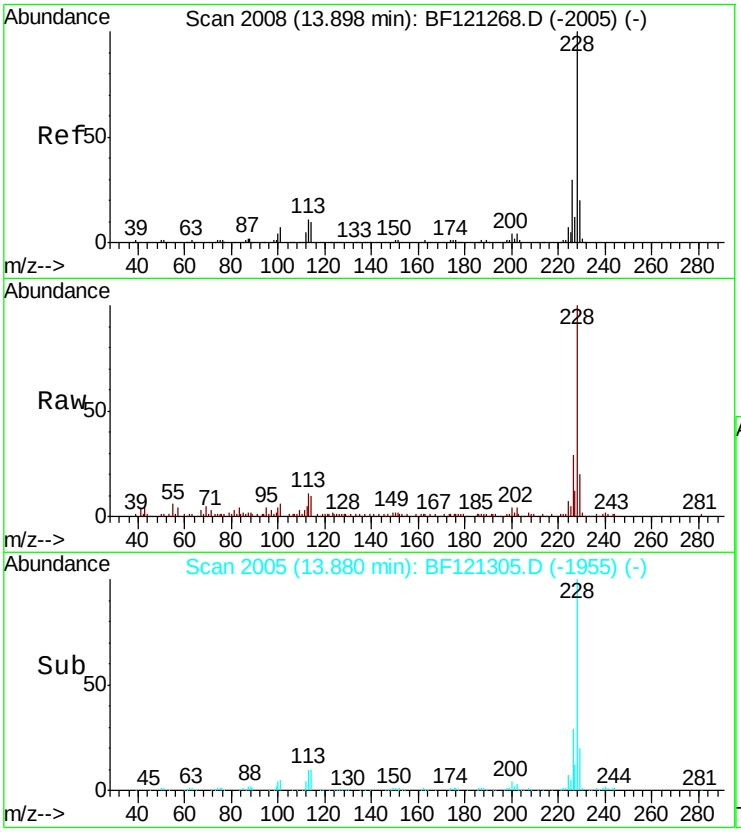


#81
Benzo(a)anthracene
Concen: 3.314 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:228 Resp: 72825

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	19.7	15.8	23.6



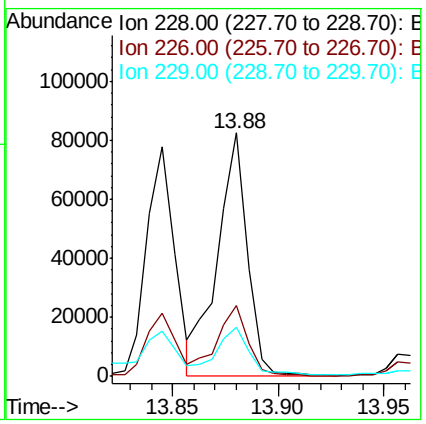


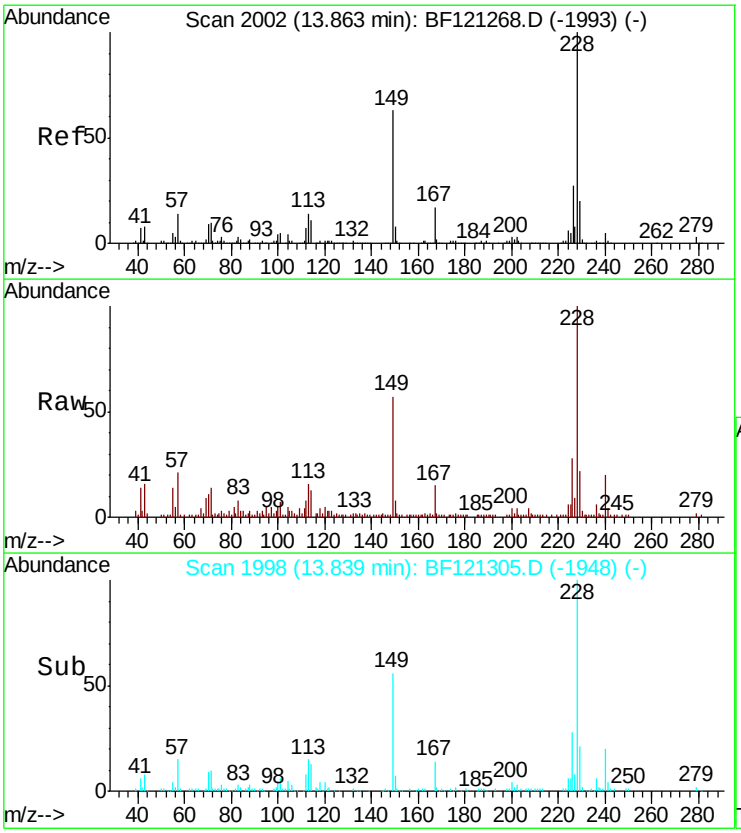
#83
Chrysene
Concen: 3.621 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:228 Resp: 81244

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.3	37.9
229	20.4	16.3	24.5

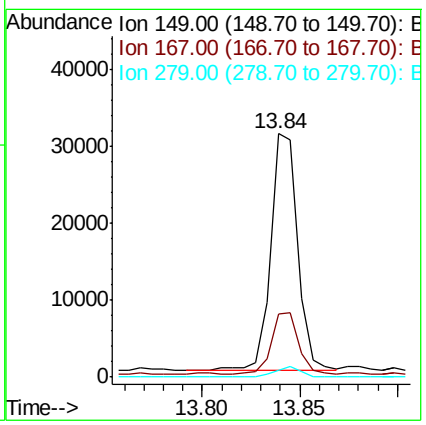


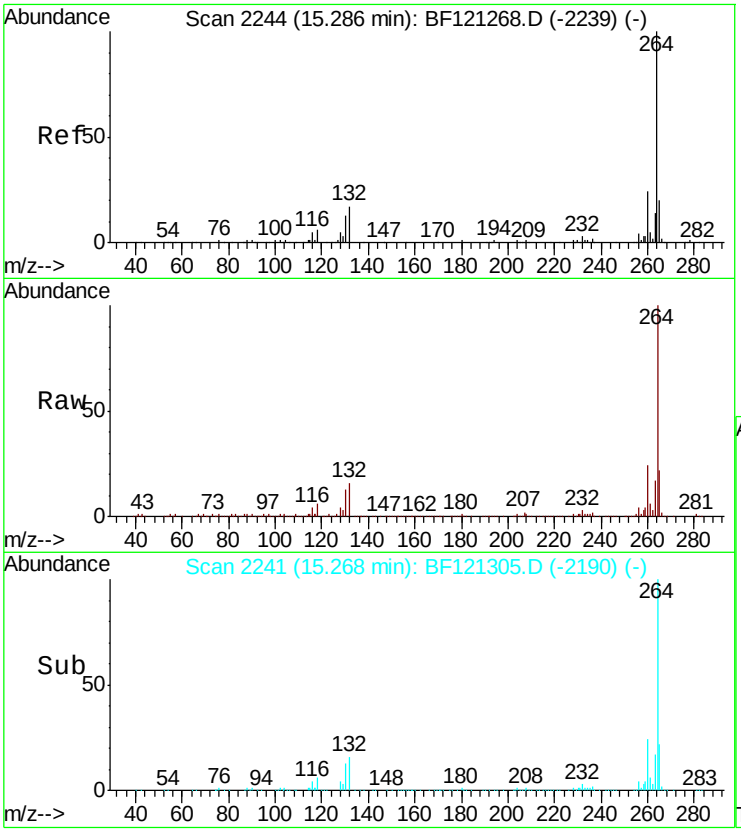


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.168 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:149 Resp: 29449

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.5	32.3
279	3.0	2.9	4.3



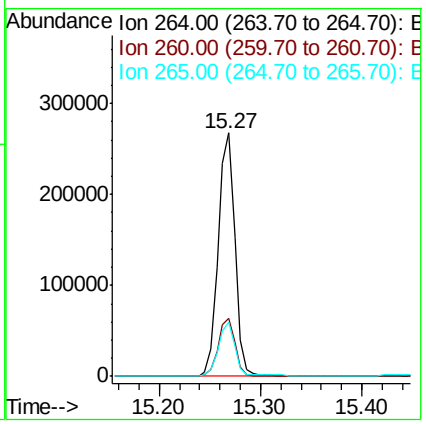


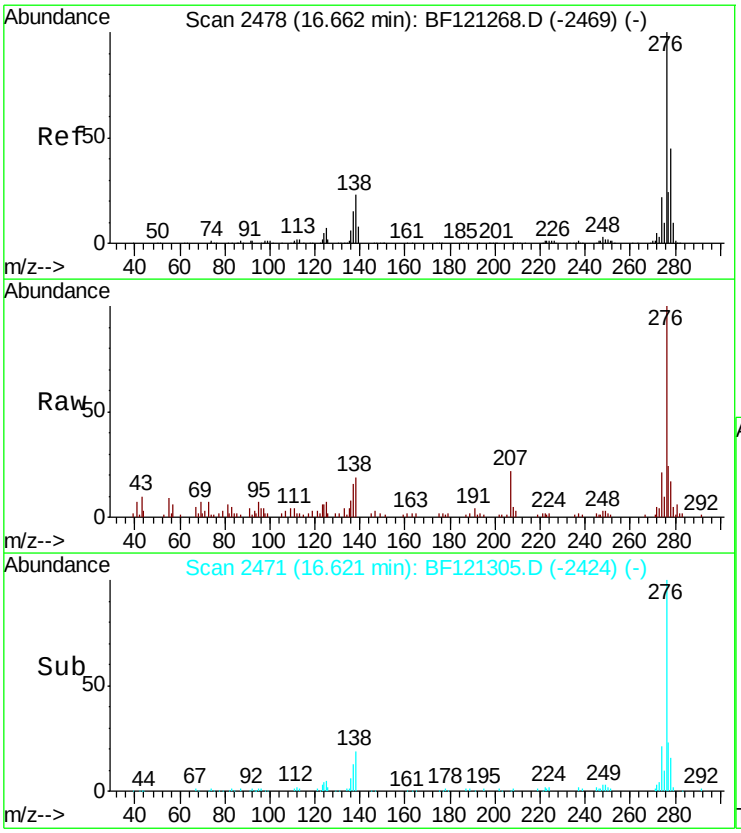
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:264 Resp: 307378

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.1	17.1	25.7

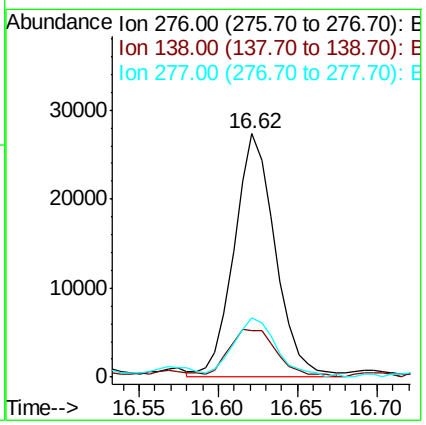


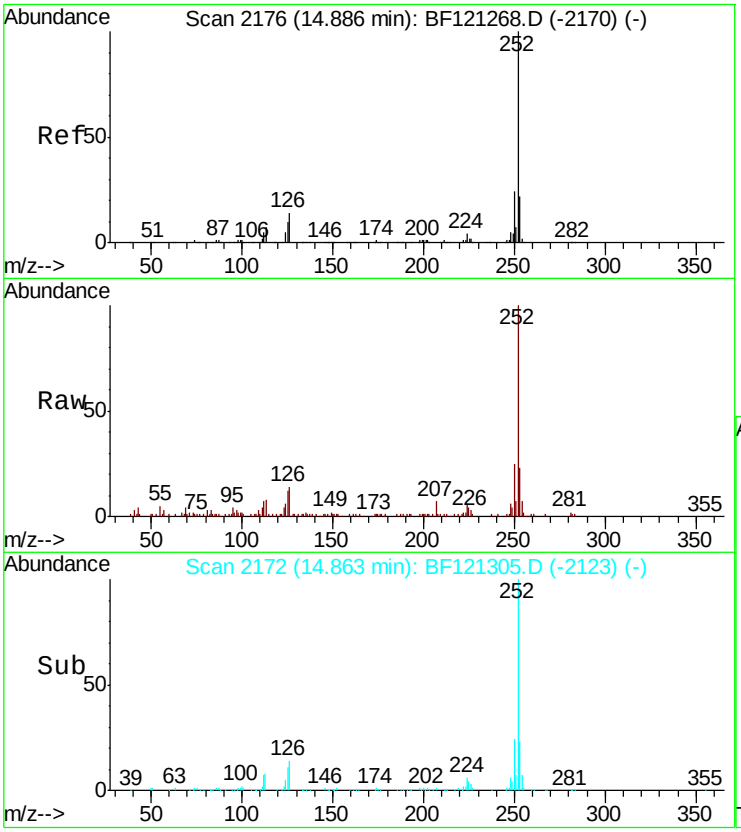


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.162 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:276 Resp: 49413

Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.6	29.4
277	25.6	20.4	30.6



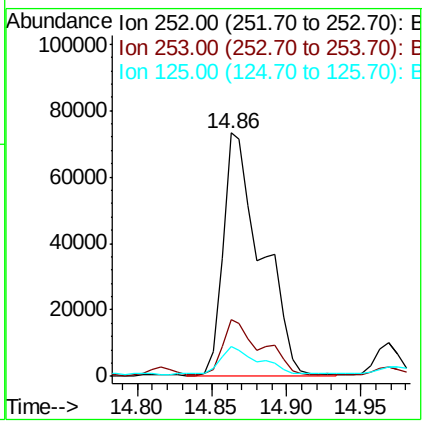


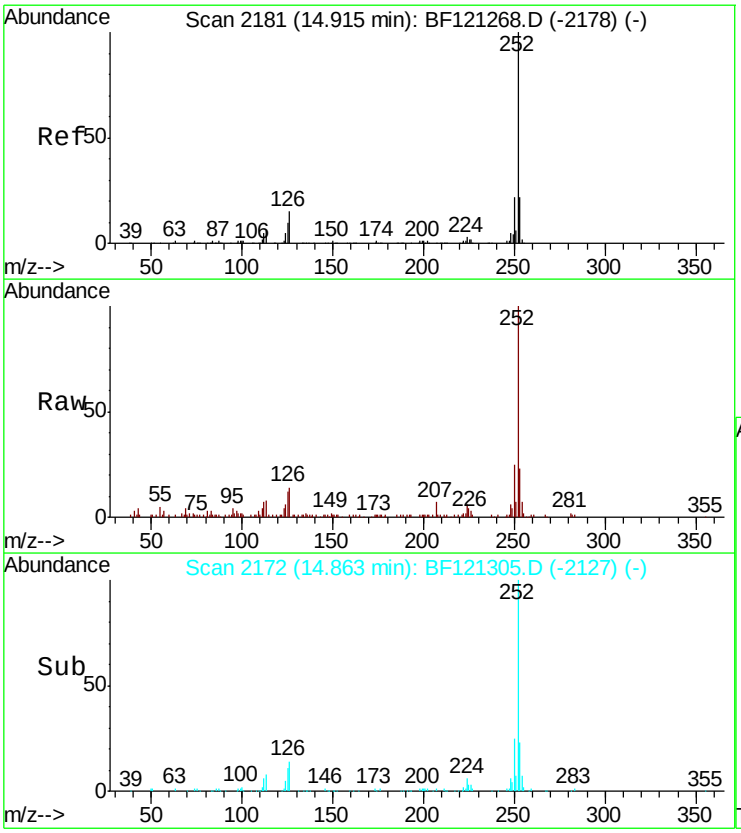
#88
Benzo(b)fluoranthene
Concen: 6.434 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:252 Resp: 132510

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	12.2	7.5	11.3#

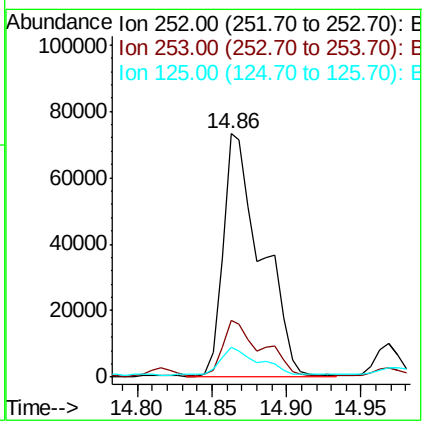


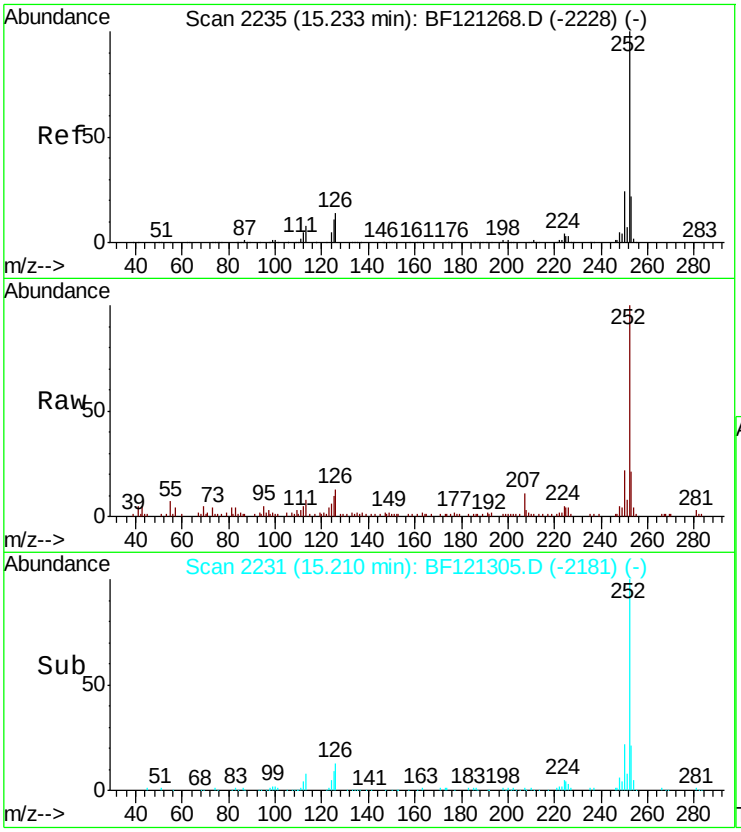


#89
Benzo(k)fluoranthene
Concen: 6.928 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:252 Resp: 132510

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.2	8.2	12.4



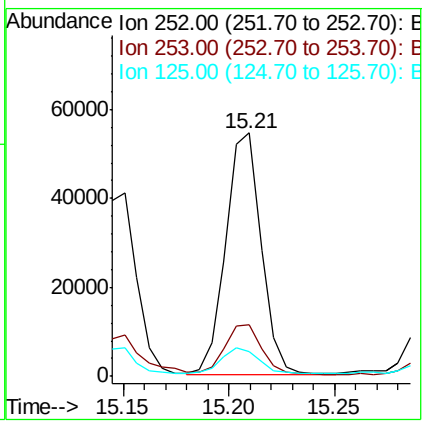


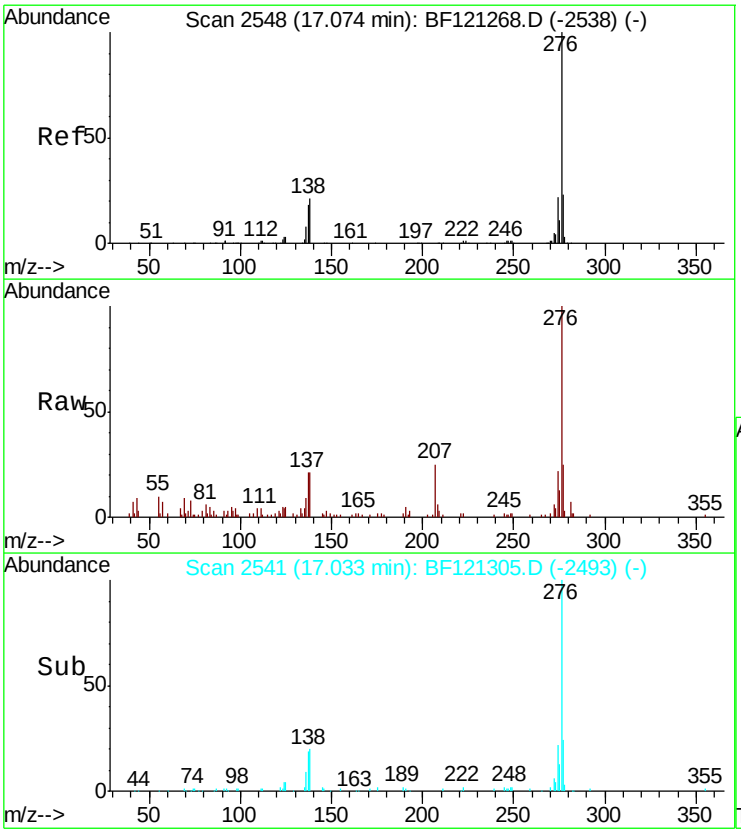
#90
Benzo(a)pyrene
Concen: 3.412 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:252 Resp: 63429

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	10.3	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 2.507 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF121305.D
Acq: 17 Aug 2020 12:41

Tgt Ion:276 Resp: 48442

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.1	28.7
138	21.5	16.6	24.8