Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120086.D
Acq On : 20 Apr 2020 19:07
Operator : MA/SJ
Sample : L2314-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 21 01:05:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	158841	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	604442	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	299280	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	530352	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	362710	20.00	ng	-0.02
87) Perylene-d12	15.31	264	325143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	489583	53.27	ng	0.00
7) Phenol-d6	6.35	99	769643	64.99	ng	-0.01
23) Nitrobenzene-d5	7.27	82	498273	42.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	189006	51.58	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	964457	45.75	ng	0.00
79) Terphenyl-d14	12.83	244	941991	43.70	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	1557	Below Cal		# 48
19) n-Nitroso-di-n-propylamine	7.27	70	65411	8.589	ng	# 76
25) Isophorone	7.27	82	491859	21.838	ng	# 65
50) Dimethylphthalate	9.47	163	194454	8.400	ng	97
57) 2,4-Dinitrotoluene	9.76	165	39364	5.894	ng	# 22
71) Phenanthrene	11.26	178	75507	2.675	ng	100
78) Pyrene	12.68	202	73703	2.410	ng	97
88) Benzo(b)fluoranthene	14.90	252	48212	2.061	ng	# 91
89) Benzo(k)fluoranthene	14.90	252	48212	2.389	ng	# 91
92) Benzo(g,h,i)perylene	17.10	276	37233	2.165	ng	98

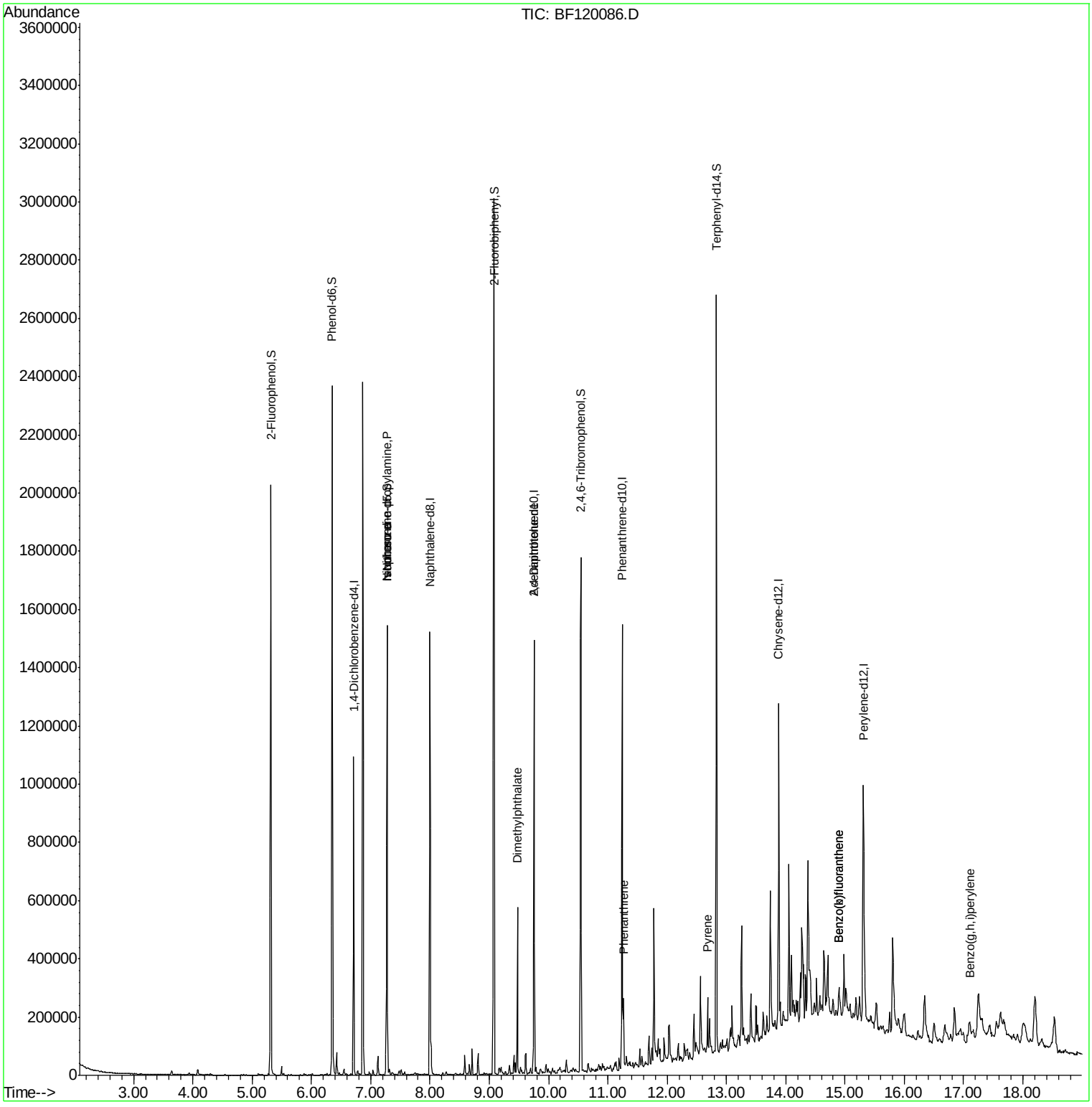
(#) = qualifier out of range (m) = manual integration (+) = signals summed

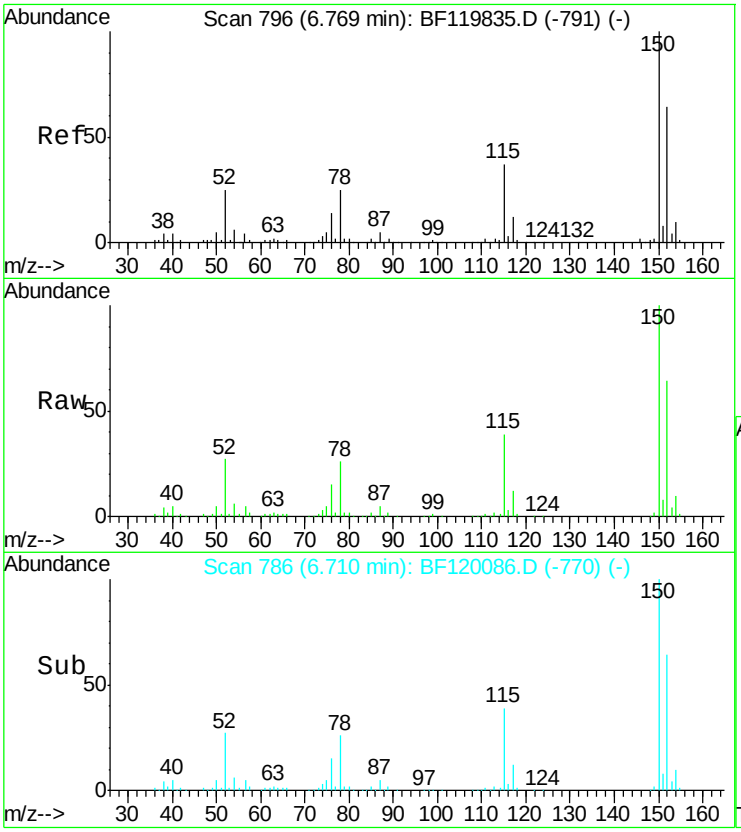
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120086.D
Acq On : 20 Apr 2020 19:07
Operator : MA/SJ
Sample : L2314-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 21 01:05:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration



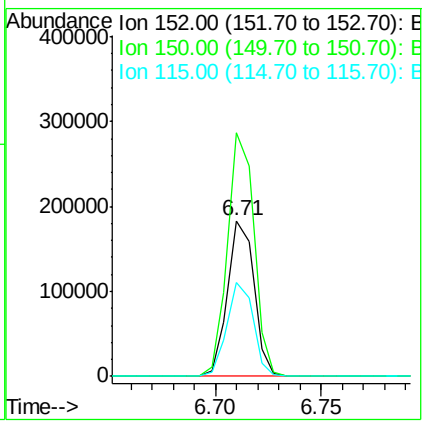


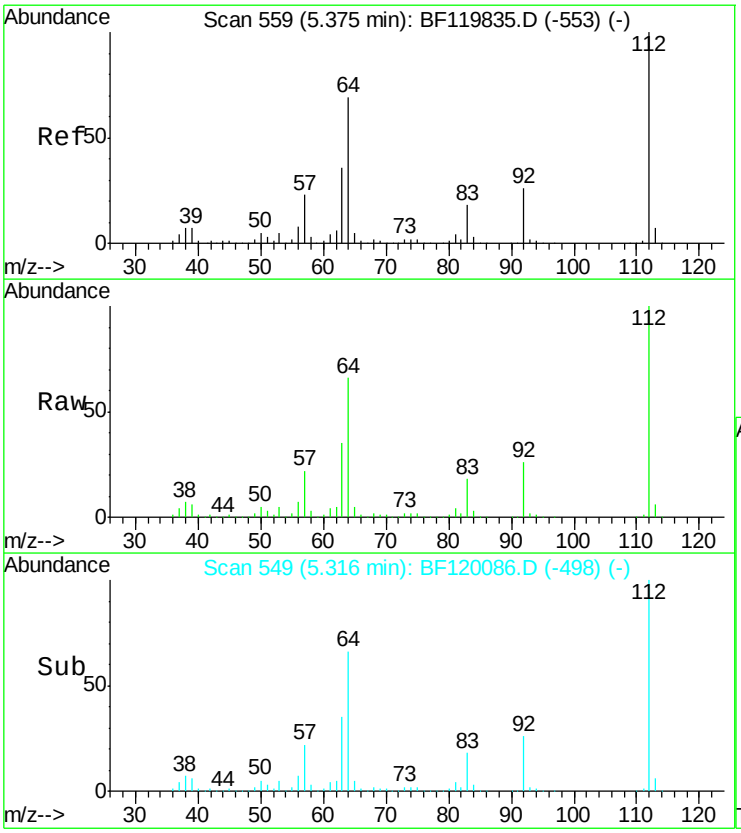
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 158841

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.8	187.2
115	60.5	46.5	69.7

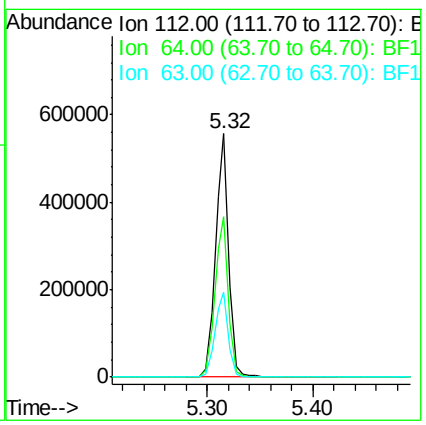


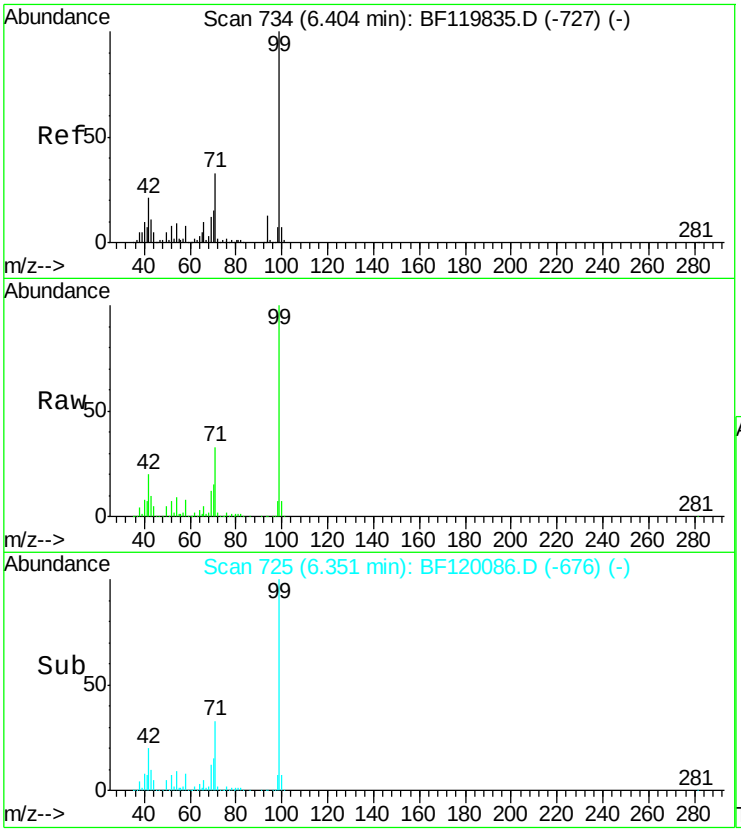


#5
2-Fluorophenol
Concen: 53.266 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:112 Resp: 489583

Ion	Ratio	Lower	Upper
112	100		
64	65.7	55.5	83.3
63	34.7	29.1	43.7



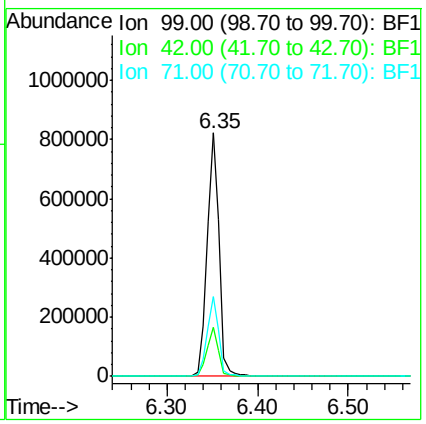


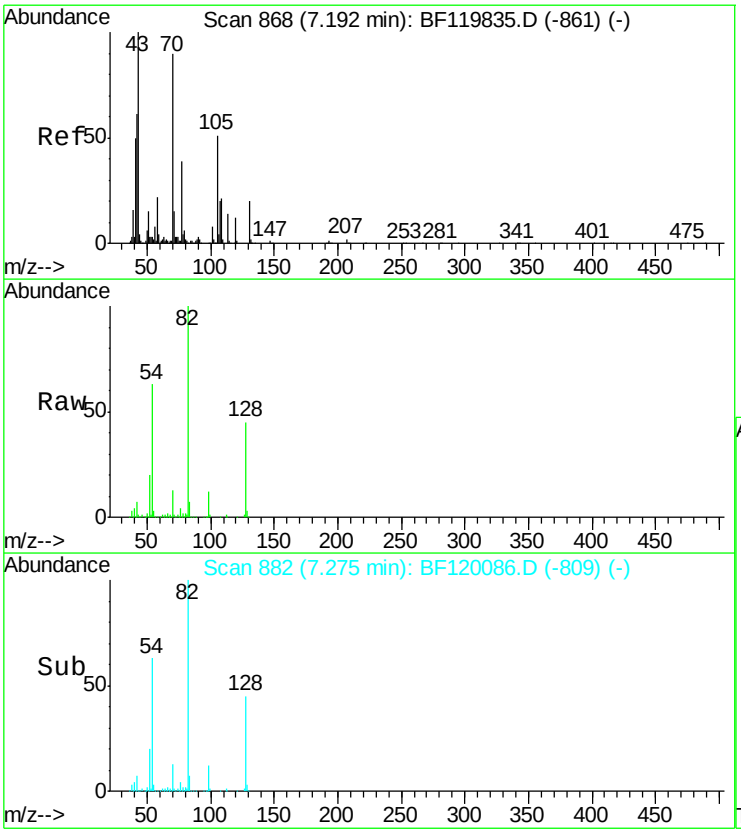
#7
Phenol-d6
Concen: 64.985 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 769643

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.9	25.3
71	32.6	26.3	39.5

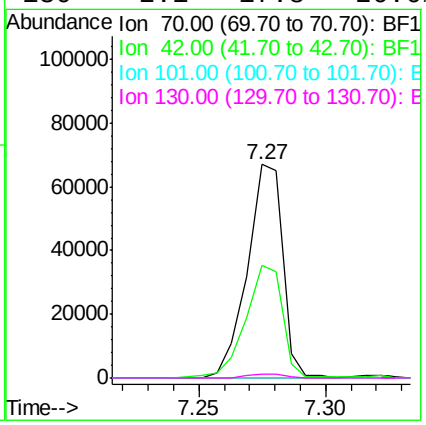


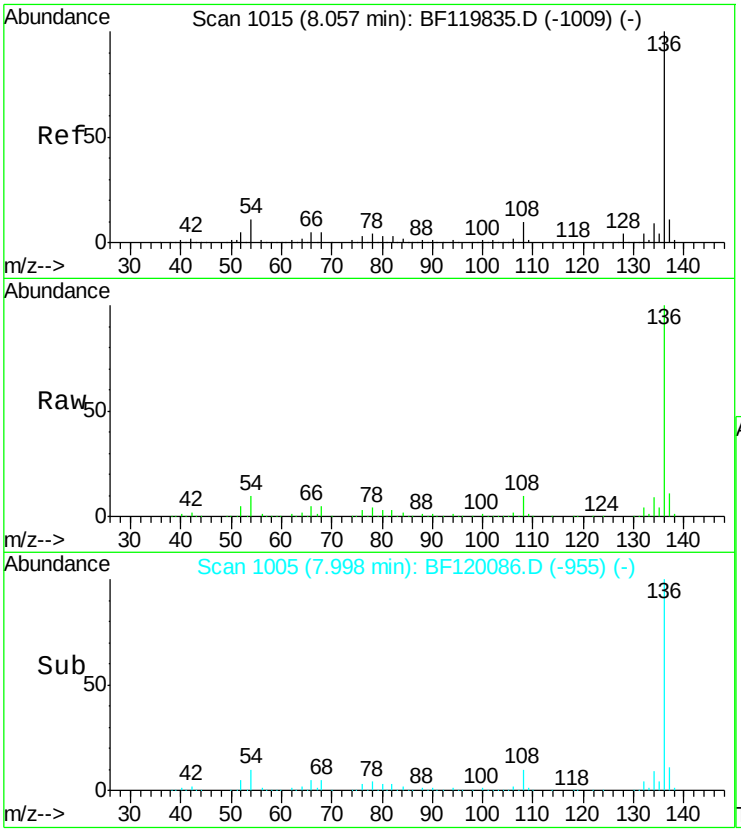


#19
n-Nitroso-di-n-propylamine
Concen: 8.589 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.13 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion: 70 Resp: 65411

Ion	Ratio	Lower	Upper
70	100		
42	52.9	54.2	81.4#
101	0.0	7.4	11.2#
130	2.1	17.8	26.6#



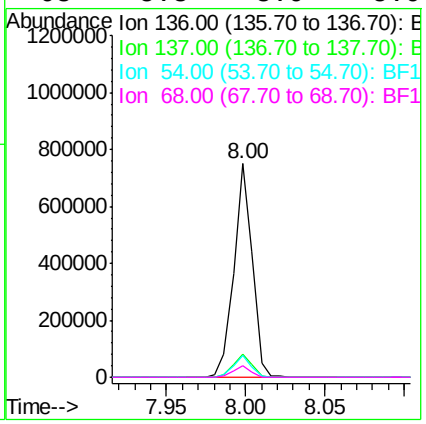


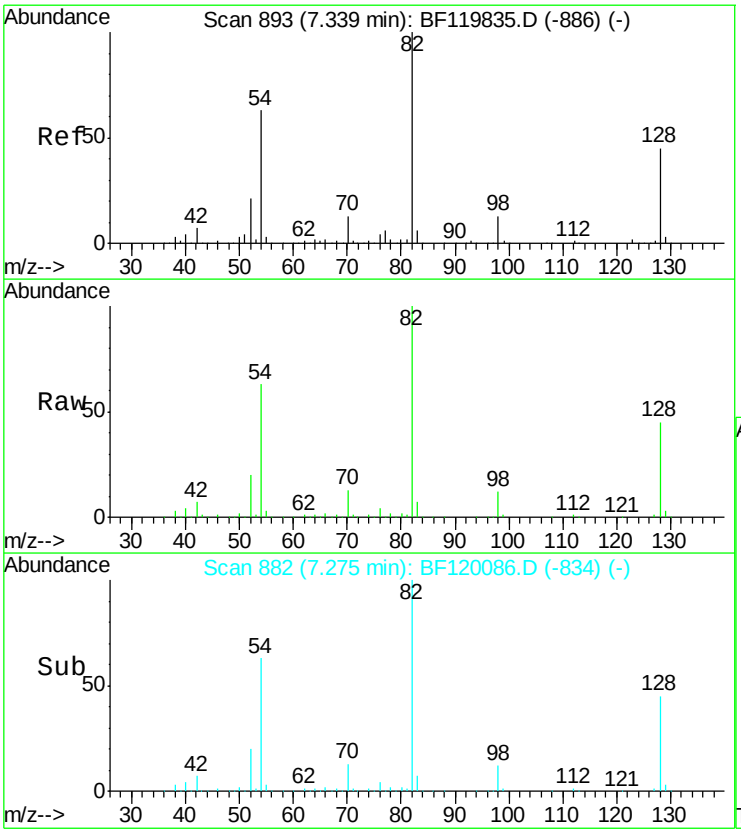
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 604442

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.4	8.5	12.7
68	5.3	3.9	5.9

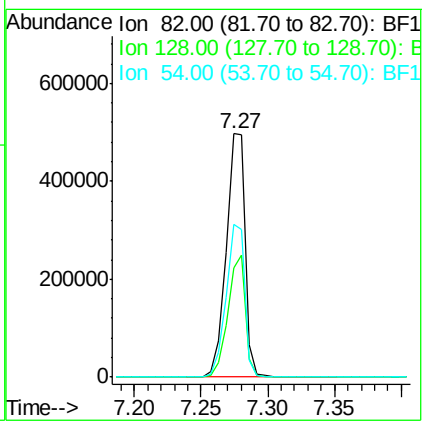


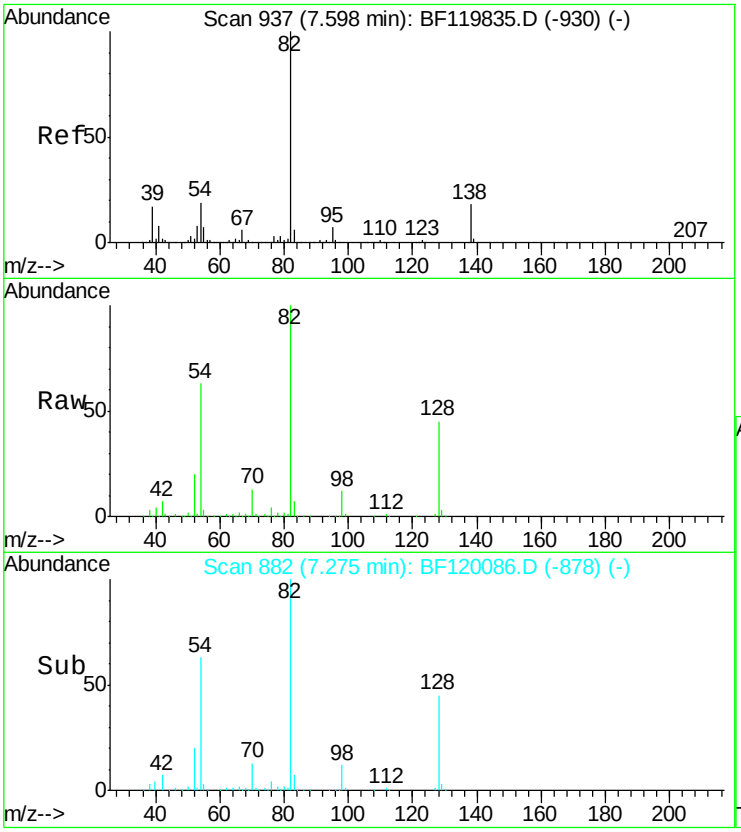


#23
Nitrobenzene-d5
Concen: 42.647 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion: 82 Resp: 498273

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.2	54.4
54	63.0	50.4	75.6



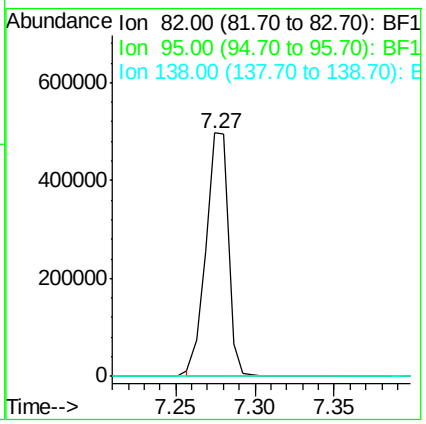


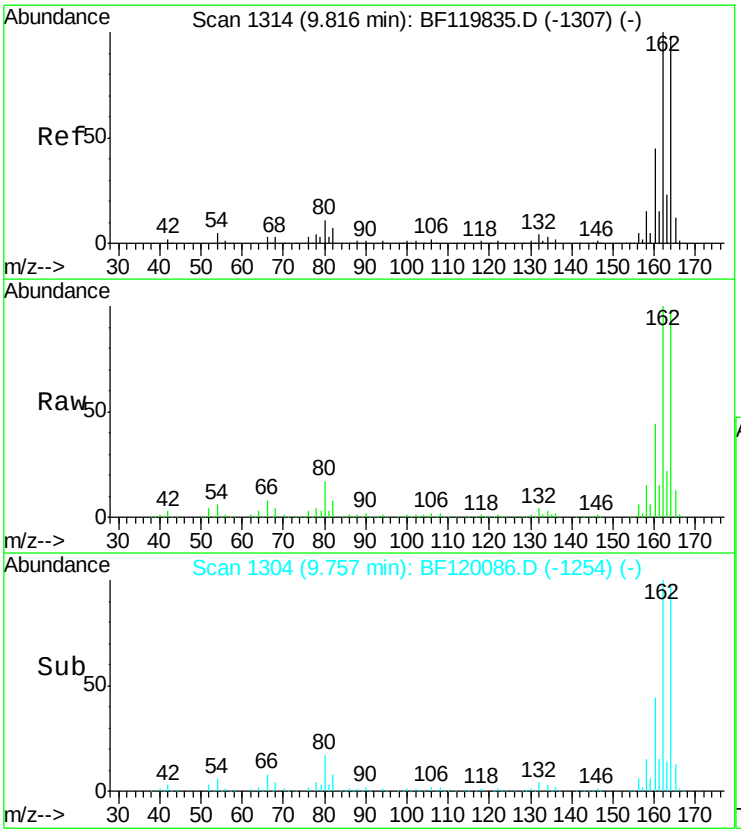
#25
Isophorone
Concen: 21.838 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 491859

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#

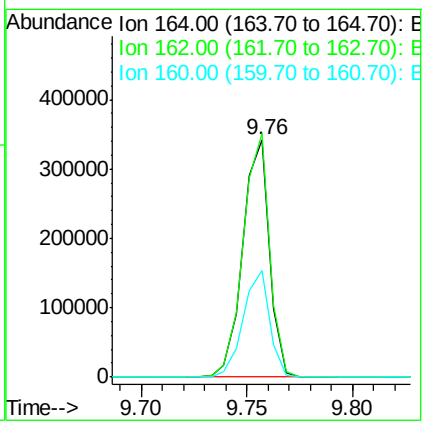


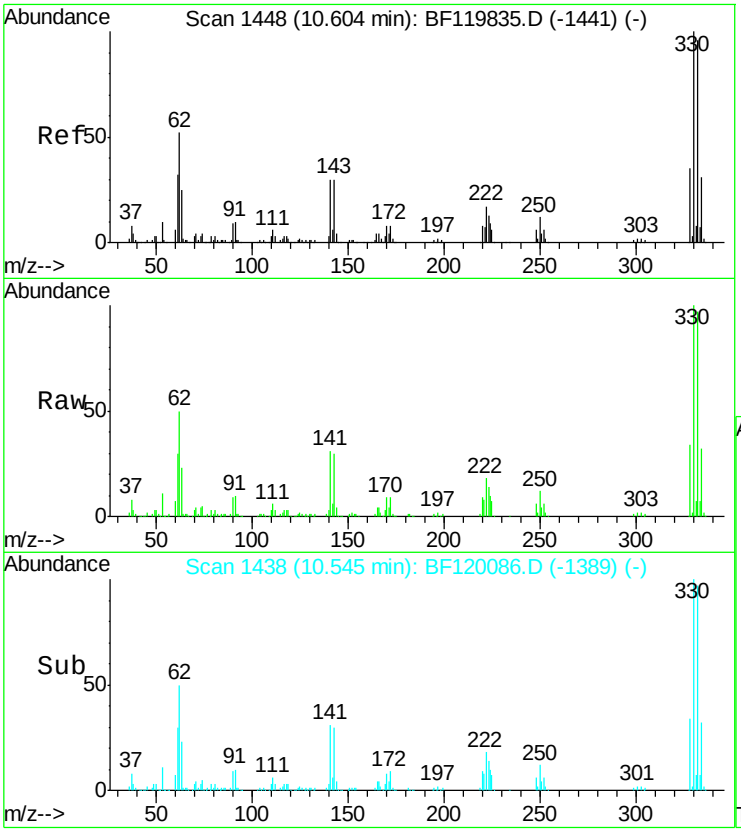


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:164 Resp: 299280

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.9	122.9
160	44.9	36.6	54.8



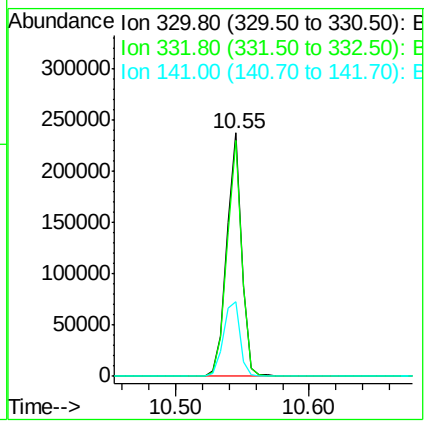


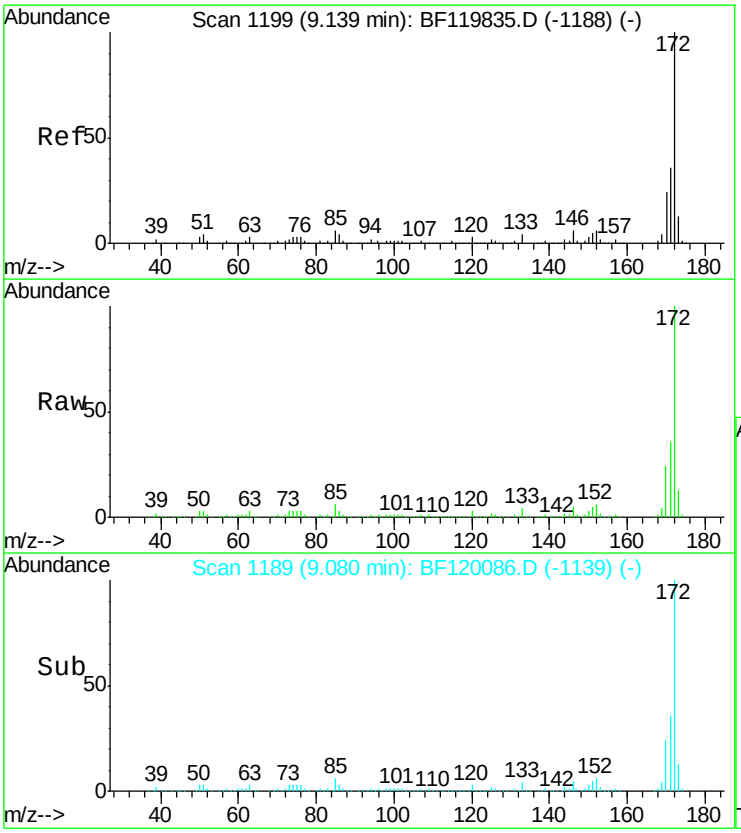
#42
2,4,6-Tribromophenol
Concen: 51.582 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 189006

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	34.8	25.1	37.7

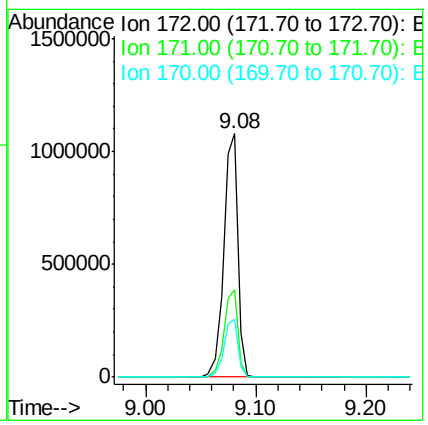


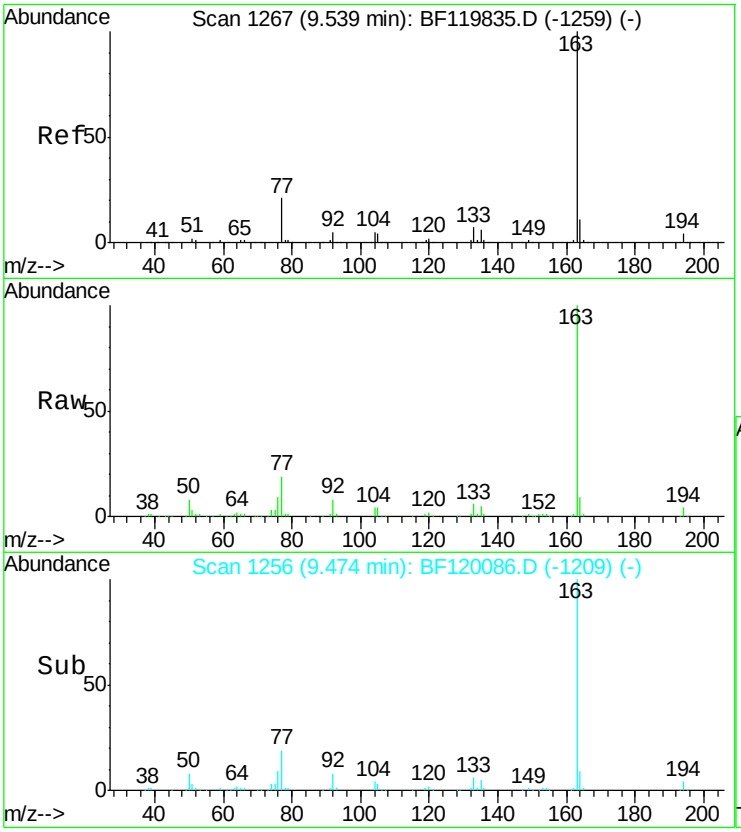


#45
2-Fluorobiphenyl
Concen: 45.754 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:172 Resp: 964457

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.6	19.4	29.2



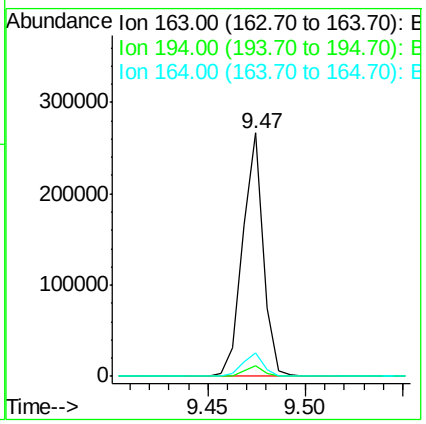


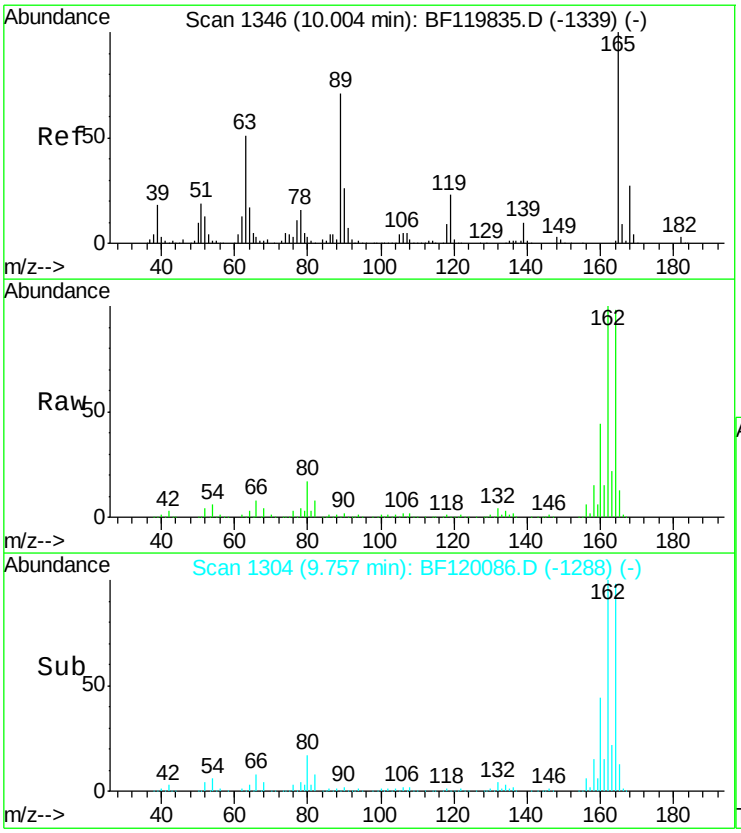
#50
Dimethylphthalate
Concen: 8.400 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 194454

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	9.4	8.4	12.6

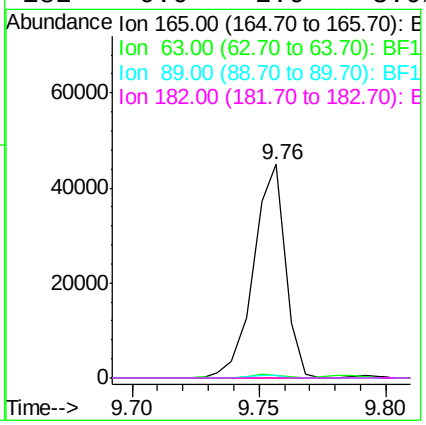


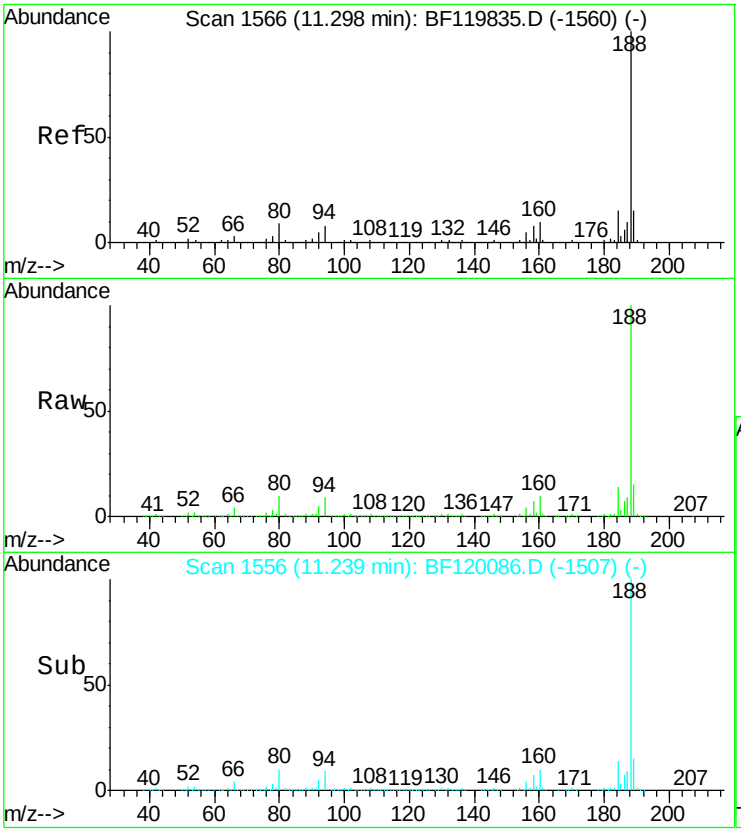


#57
2,4-Dinitrotoluene
Concen: 5.894 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:165 Resp: 39364

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.8	61.2#
89	1.3	56.9	85.3#
182	0.0	2.0	3.0#



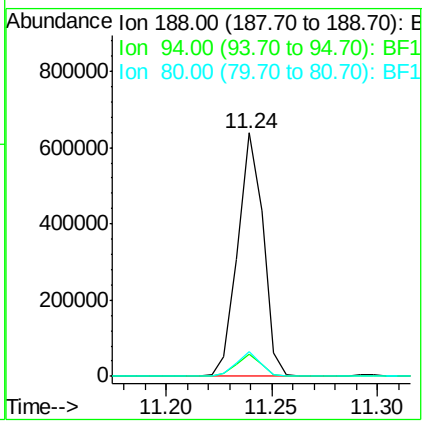


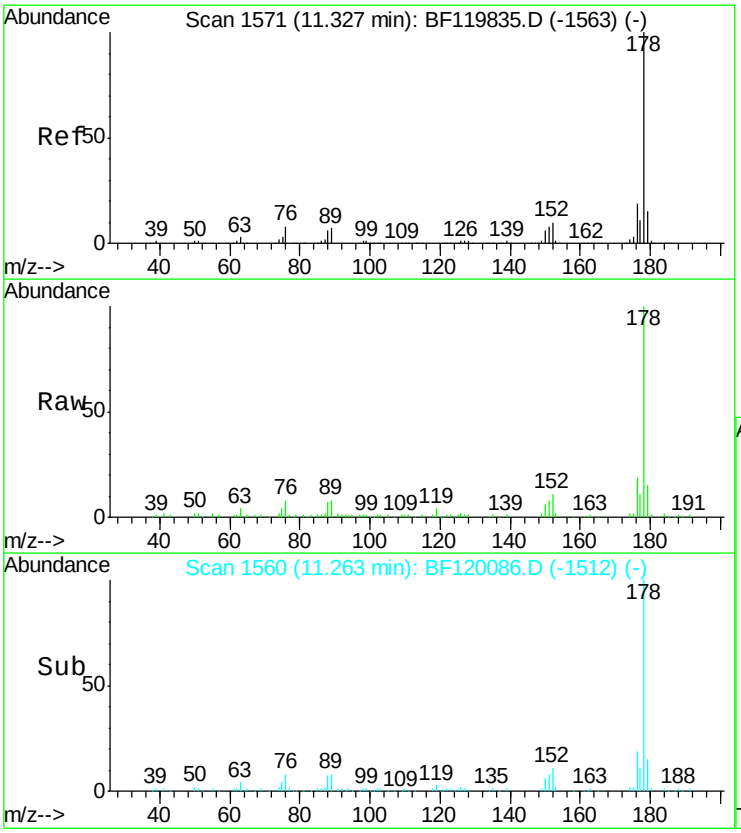
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 530352

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	10.0	7.4	11.2

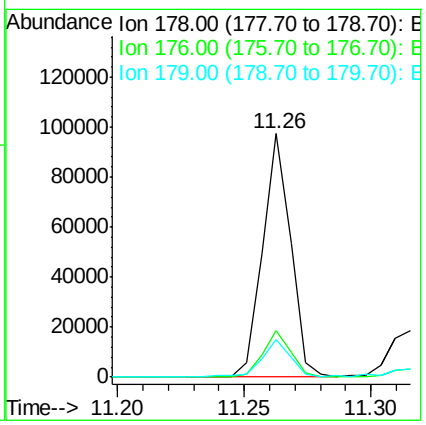


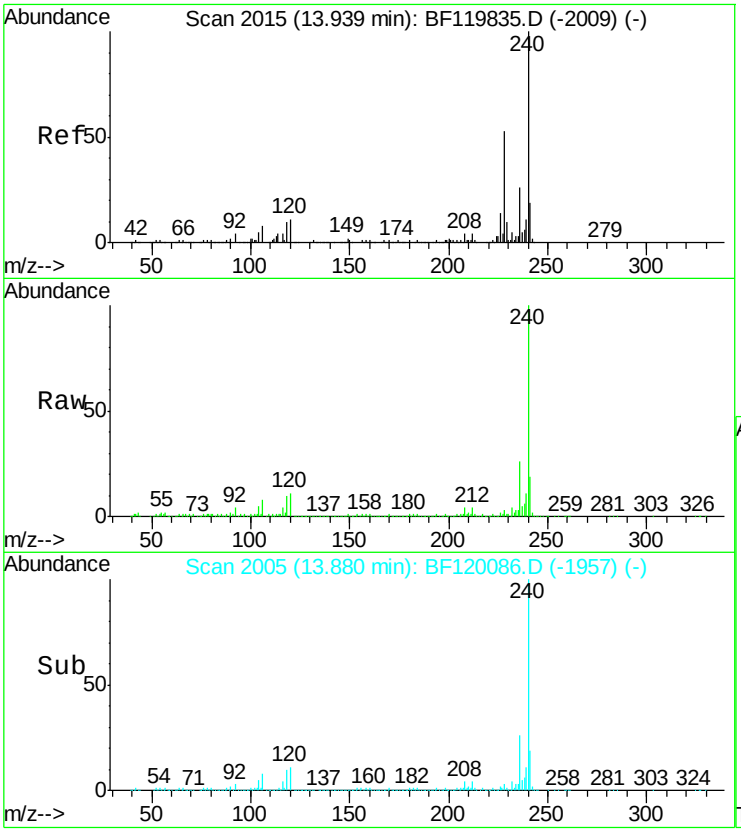


#71
Phenanthrene
Concen: 2.675 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:178 Resp: 75507

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	12.2	18.4



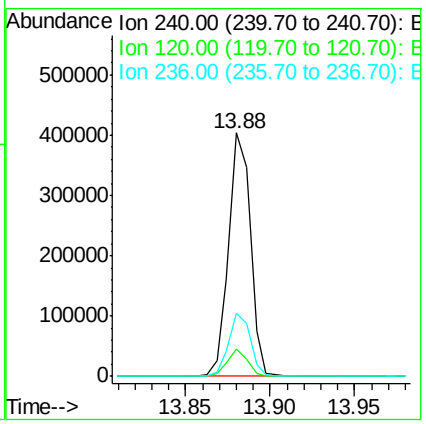


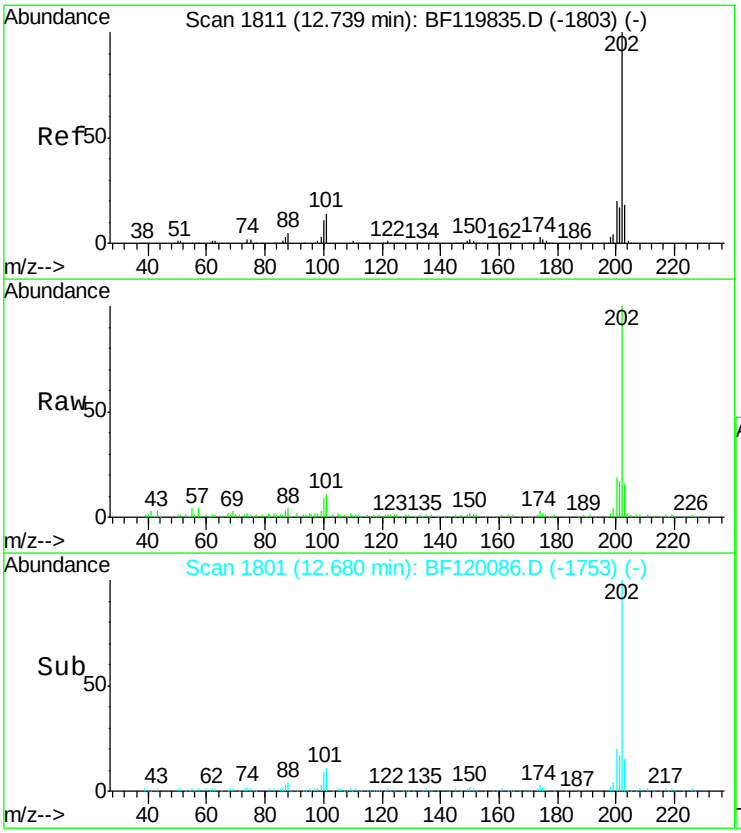
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 362710

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.7	20.7	31.1

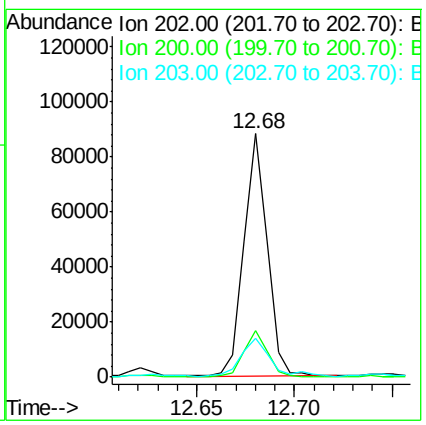


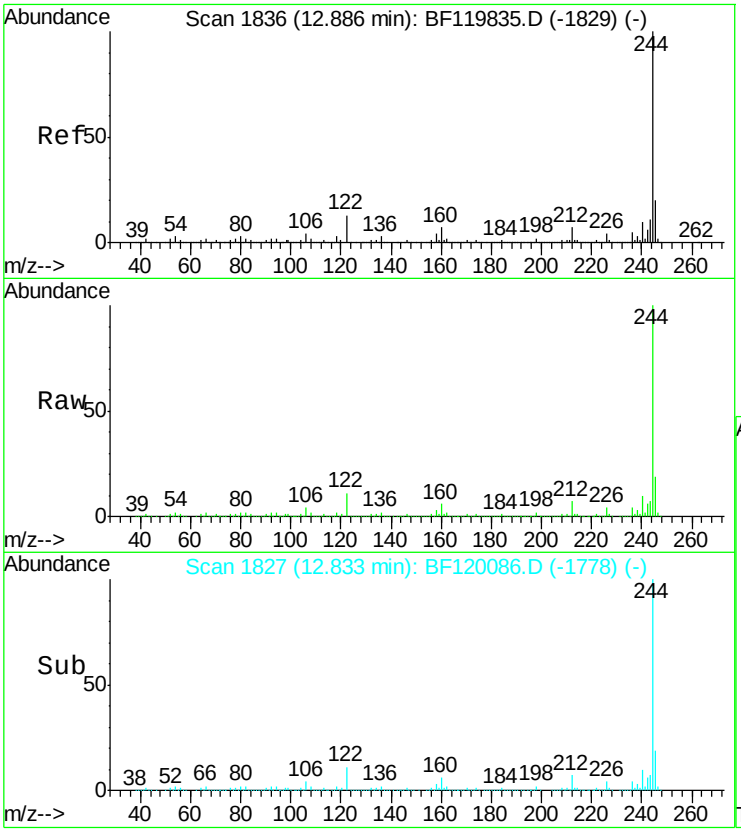


#78
Pyrene
Concen: 2.410 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:202 Resp: 73703

Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.2	24.2
203	15.8	14.1	21.1



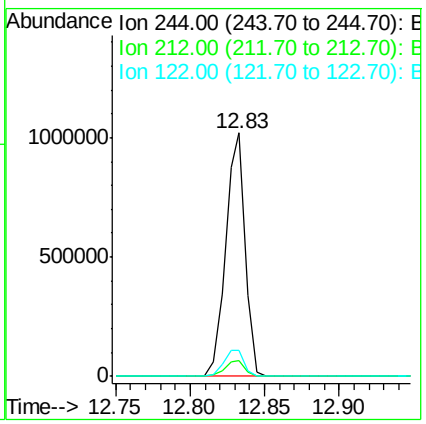


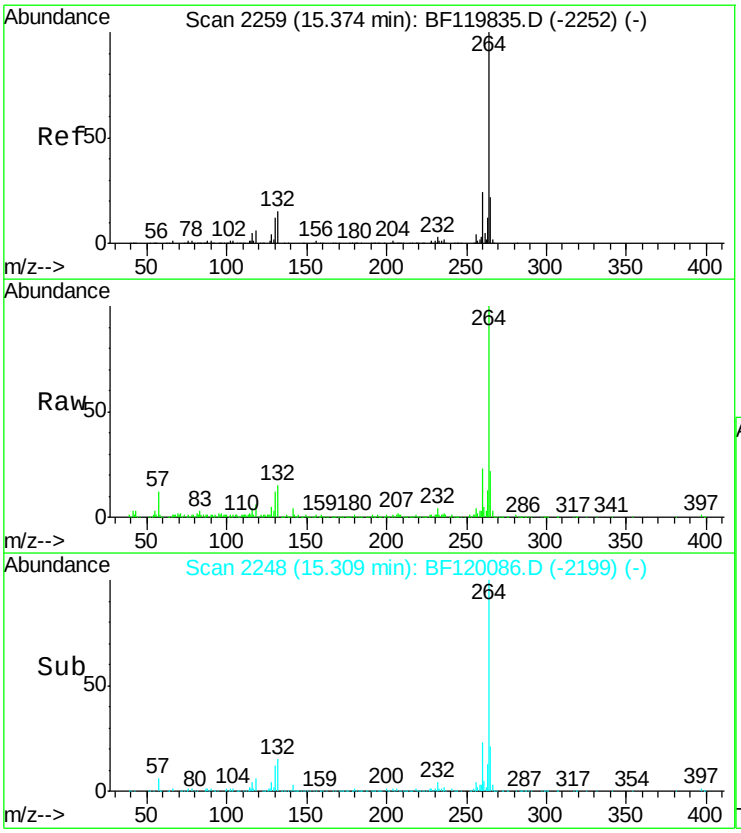
#79
Terphenyl-d14
Concen: 43.700 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 941991

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.6	10.3	15.5

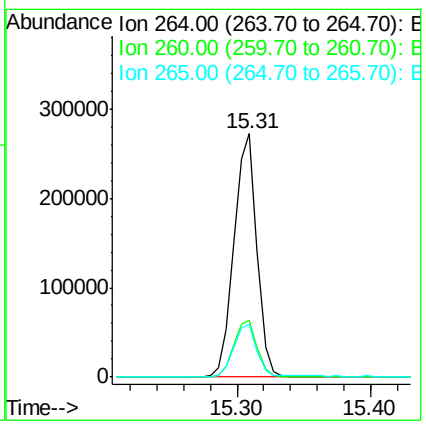


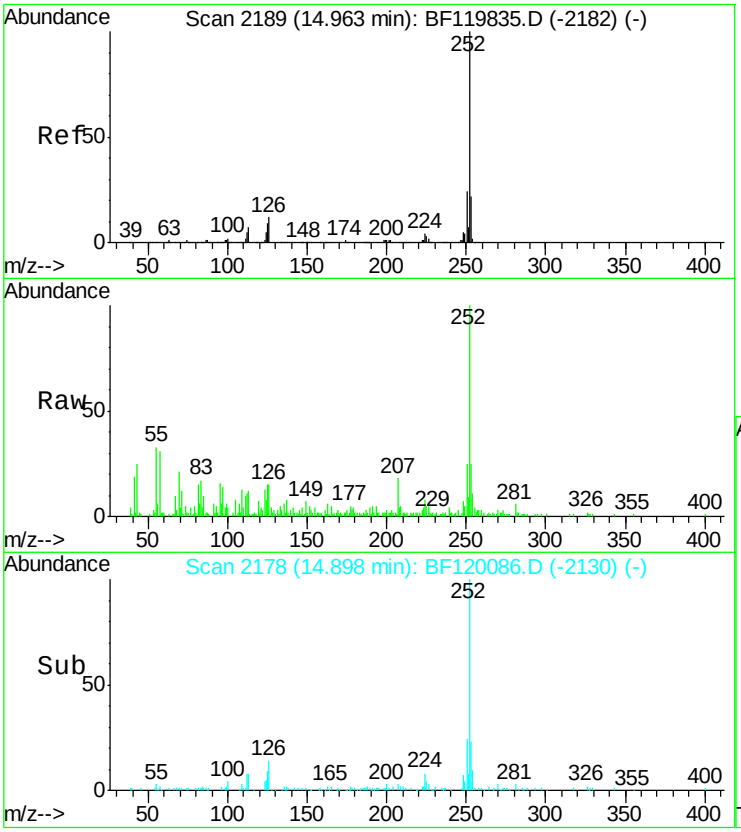


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:264 Resp: 325143

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.6	17.6	26.4



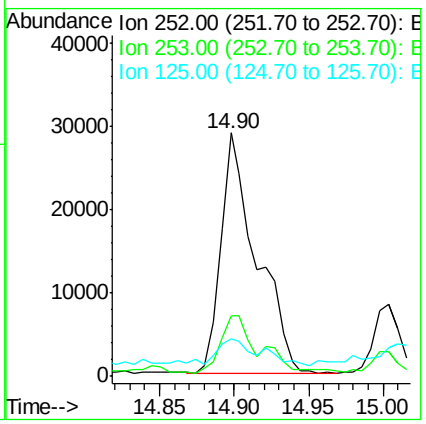


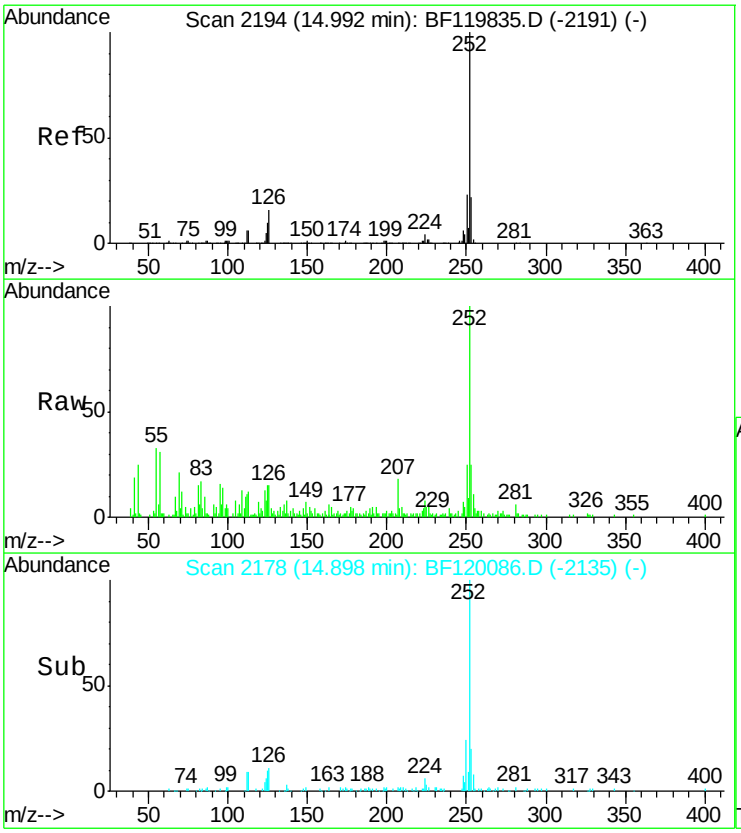
#88
Benzo(b)fluoranthene
Concen: 2.061 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 48212

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	15.4	7.4	11.2#

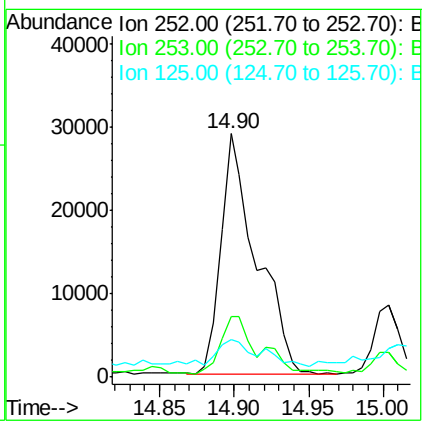


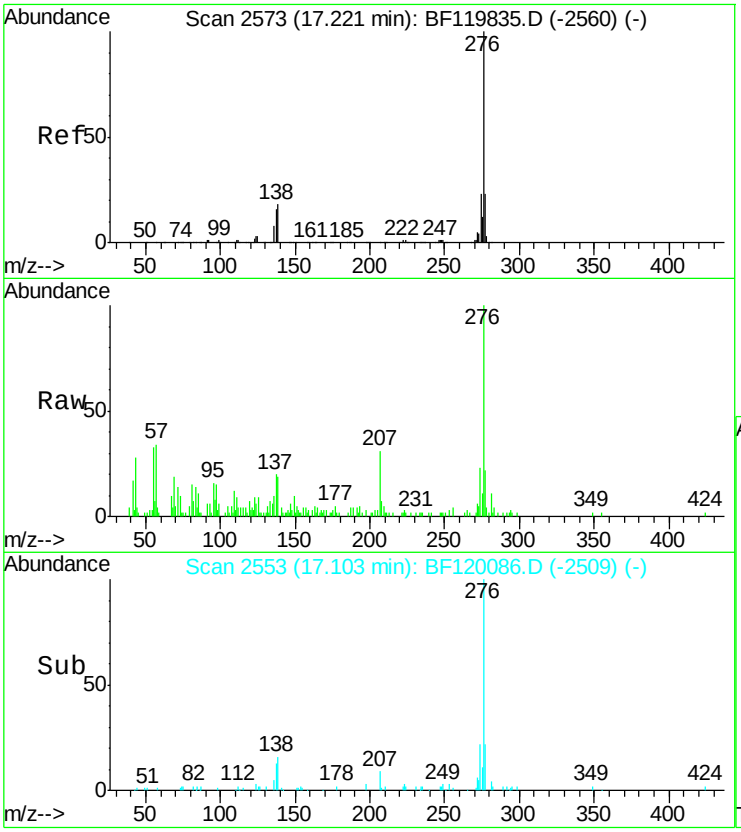


#89
Benzo(k)fluoranthene
Concen: 2.389 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Tgt Ion:252 Resp: 48212

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	15.4	7.7	11.5#





#92
Benzo(g,h,i)perylene
Concen: 2.165 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.04 min
Lab File: BF120086.D
Acq: 20 Apr 2020 19:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 37233

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.5	27.7
138	19.3	14.6	22.0