Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120447.D
Acq On : 29 May 2020 18:55
Operator : MA/SJ
Sample : L2773-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 30 00:38:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	289146	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1047839	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	505908	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	816322	20.00	ng		0.00
76) Chrysene-d12	13.99	240	534885	20.00	ng		0.00
86) Perylene-d12	15.44	264	583309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1390749	91.66	ng		0.00
7) Phenol-d6	6.46	99	1828685	97.79	ng		0.00
23) Nitrobenzene-d5	7.40	82	1228394	76.68	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	488297	104.17	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2180614	73.13	ng		0.00
79) Terphenyl-d14	12.95	244	1851674	77.03	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	161792	13.610	ng	#	78
25) Isophorone	7.40	82	1225906	38.077	ng	#	64
48) 2-Nitroaniline	9.31	65	17443	2.093	ng	#	12
50) Dimethylphthalate	9.59	163	385295	12.182	ng		99
57) 2,4-Dinitrotoluene	9.87	165	66408	7.382	ng	#	22
67) 4-Bromophenyl-phenylether	10.66	248	28712	3.484	ng	#	1
71) Phenanthrene	11.38	178	109167	3.035	ng		97
75) Fluoranthene	12.56	202	219502	5.671	ng		98
78) Pyrene	12.79	202	203733	5.477	ng		98
81) Benzo(a)anthracene	13.98	228	106743	3.724	ng		99
83) Chrysene	14.02	228	95955	3.193	ng		97
88) Benzo(b)fluoranthene	15.02	252	169892	5.244	ng		98
89) Benzo(k)fluoranthene	15.02	252	169892	5.617	ng		98
90) Benzo(a)pyrene	15.38	252	92602	3.268	ng		99
92) Benzo(g,h,i)perylene	17.30	276	53301	2.078	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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Acq On : 29 May 2020 18:55
Operator : MA/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 30 00:38:07 2020
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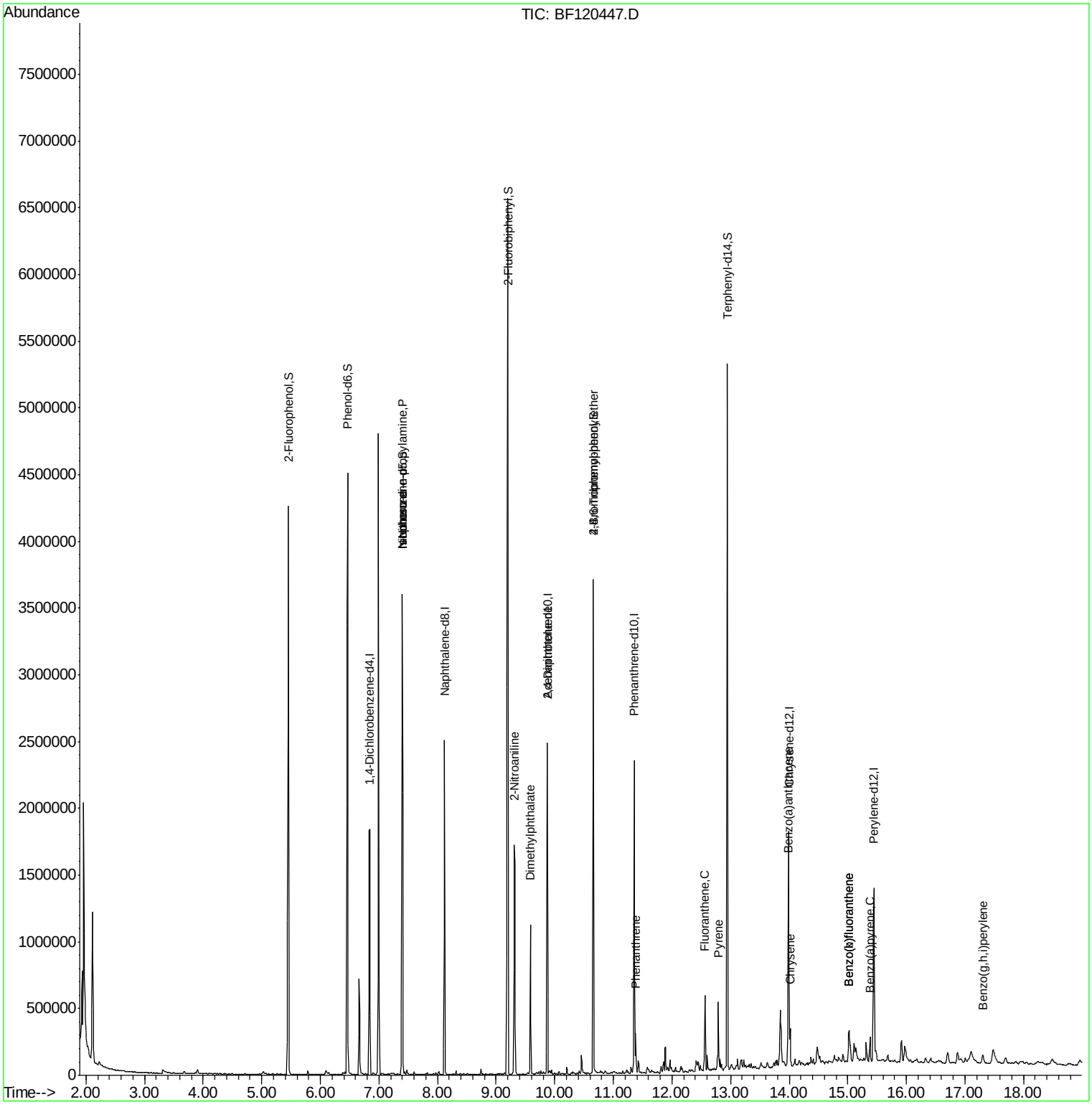
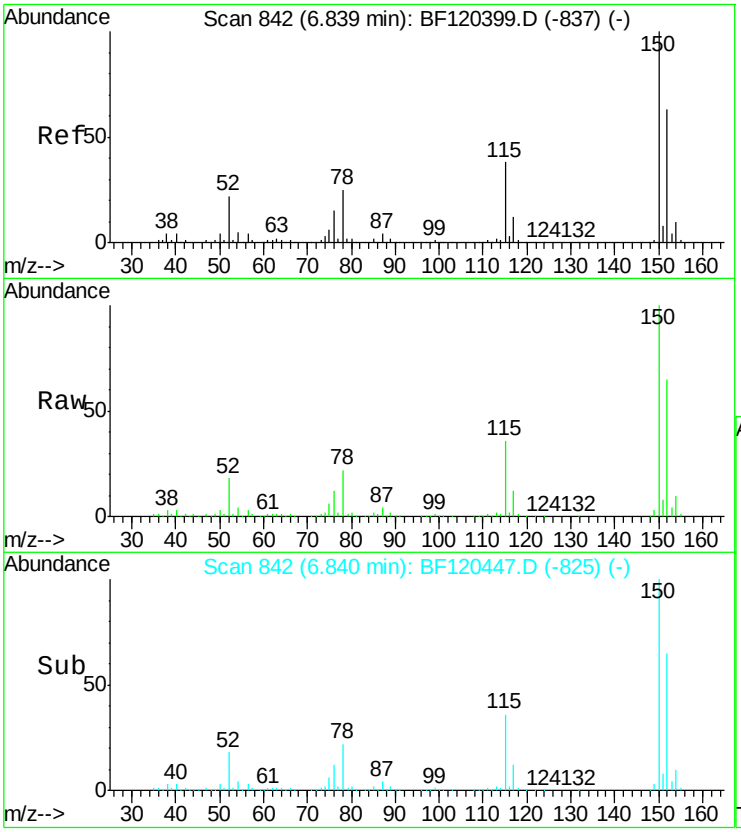
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration



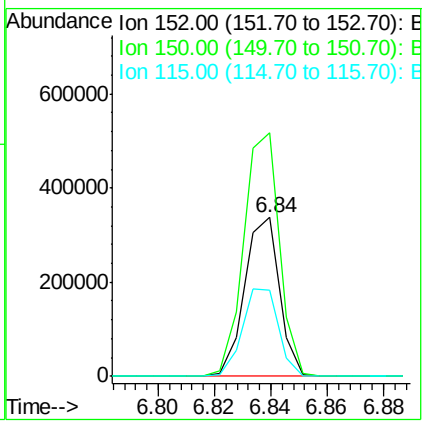


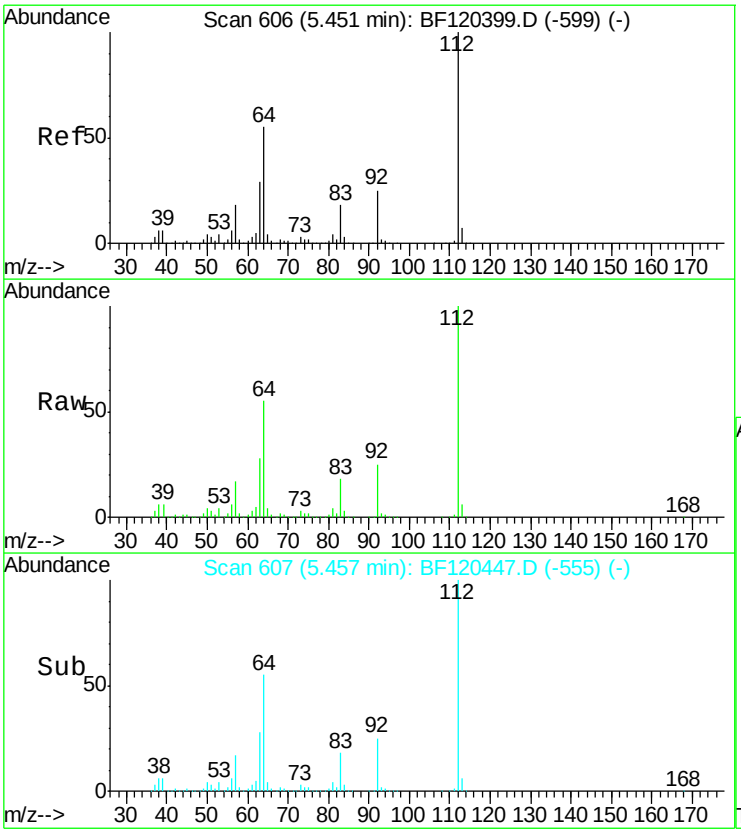
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 289146

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.5	189.7
115	54.5	47.6	71.4

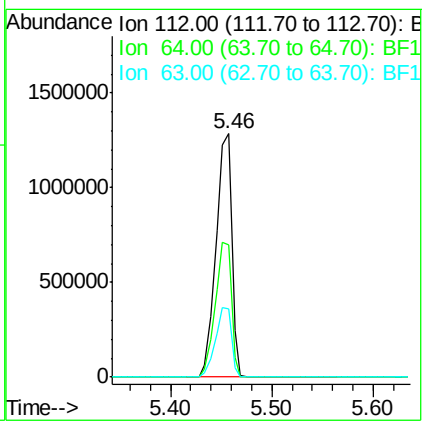


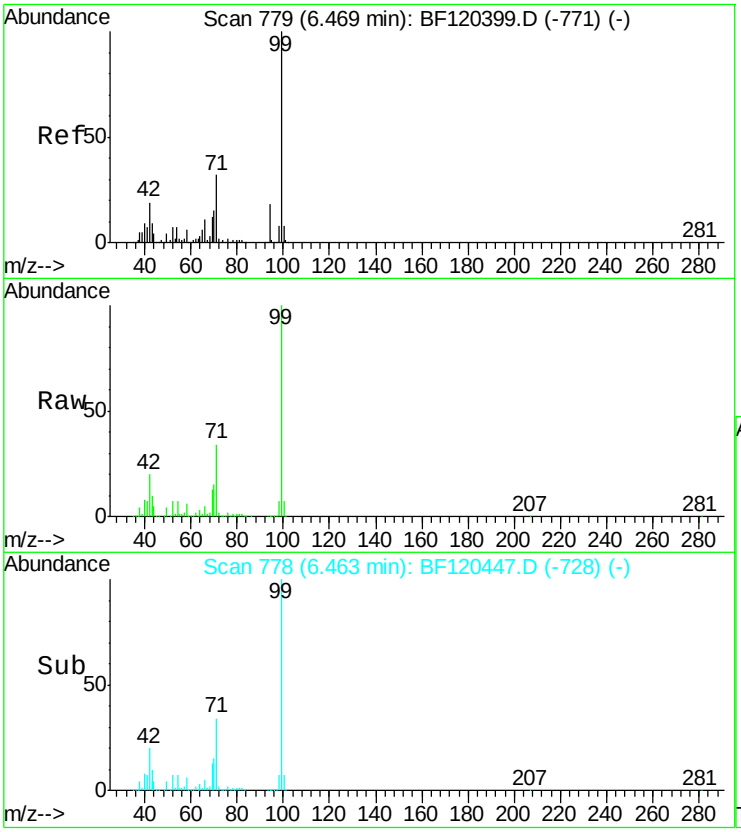


#5
2-Fluorophenol
Concen: 91.664 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:112 Resp: 1390749

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.3	66.5
63	28.3	22.9	34.3



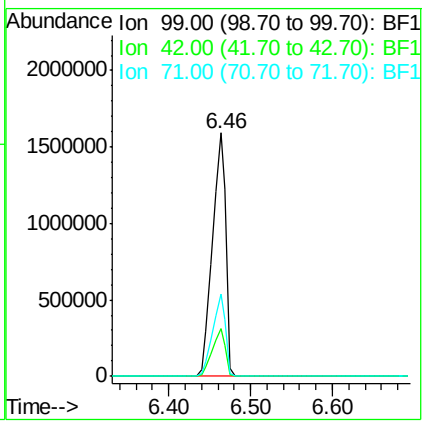


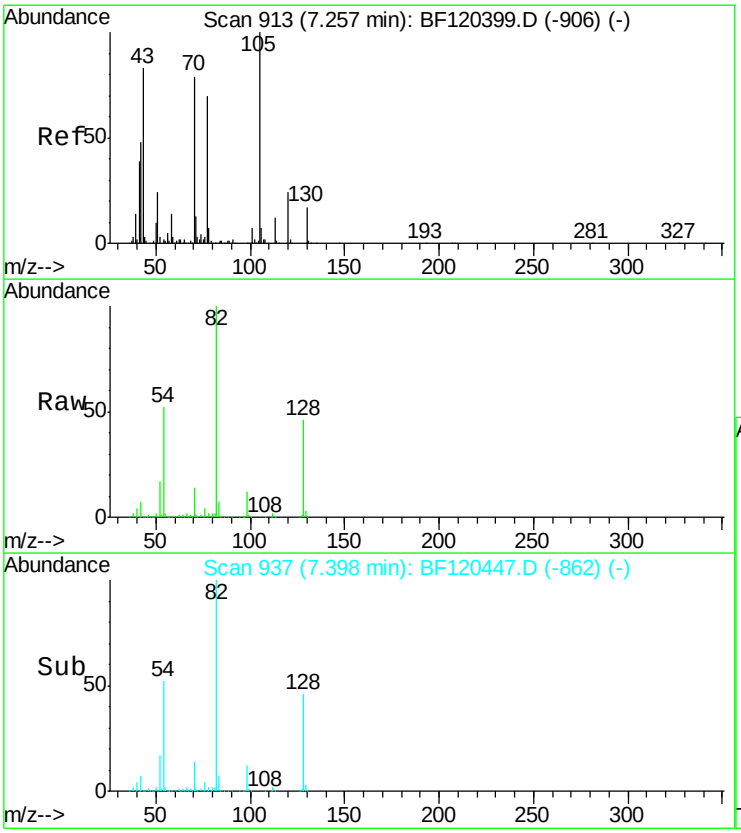
#7
Phenol-d6
Concen: 97.786 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1828685

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.2	22.8
71	33.7	25.6	38.4

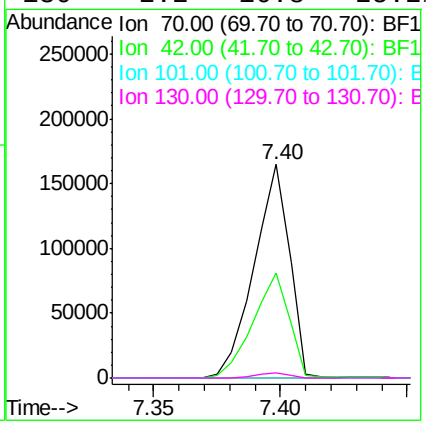


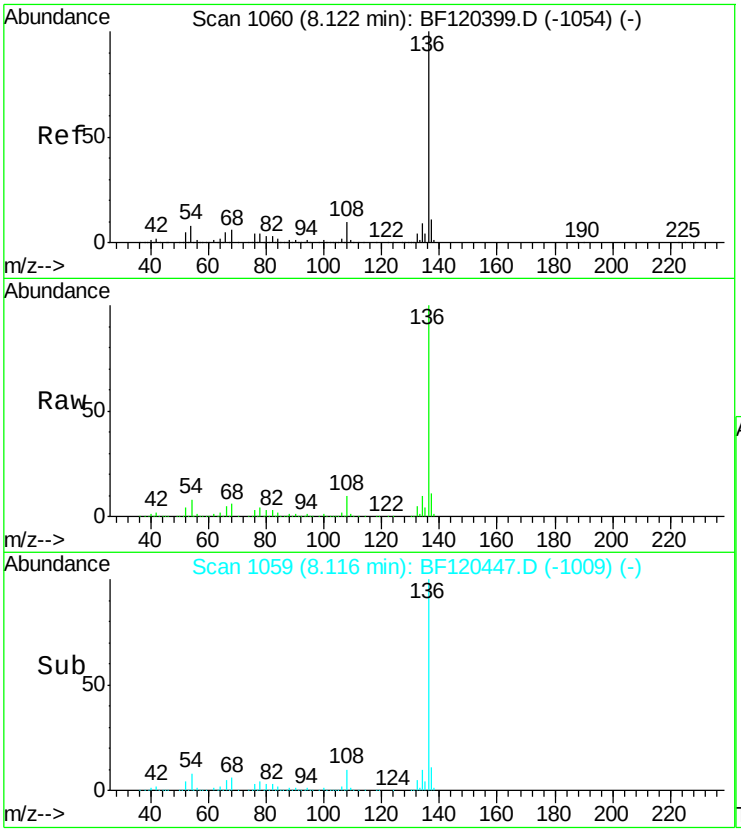


#19
n-Nitroso-di-n-propylamine
Concen: 13.610 ng
RT: 7.40 min Scan# 937
Delta R.T. 0.14 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion: 70 Resp: 161792

Ion	Ratio	Lower	Upper
70	100		
42	49.2	48.9	73.3
101	0.0	7.4	11.2#
130	2.2	16.8	25.2#



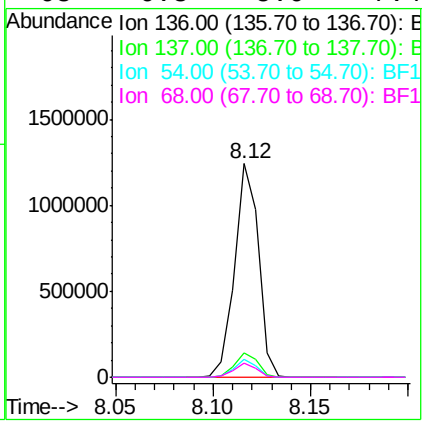


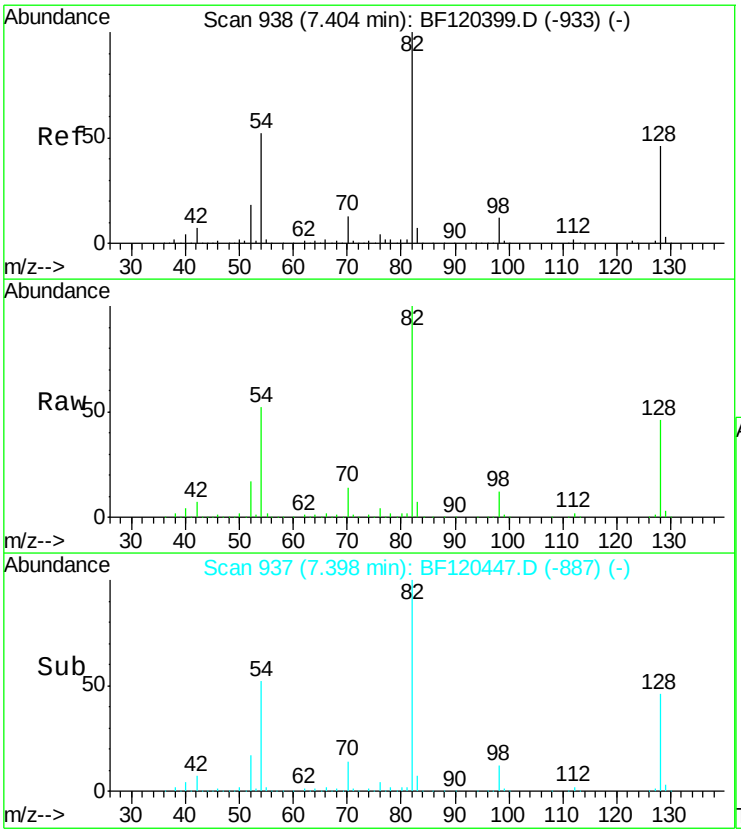
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1047839

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	6.7	10.1
68	6.3	5.0	7.4

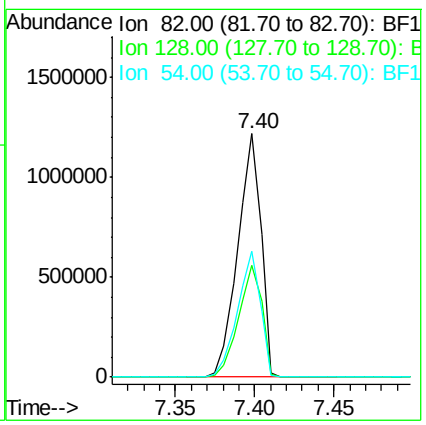


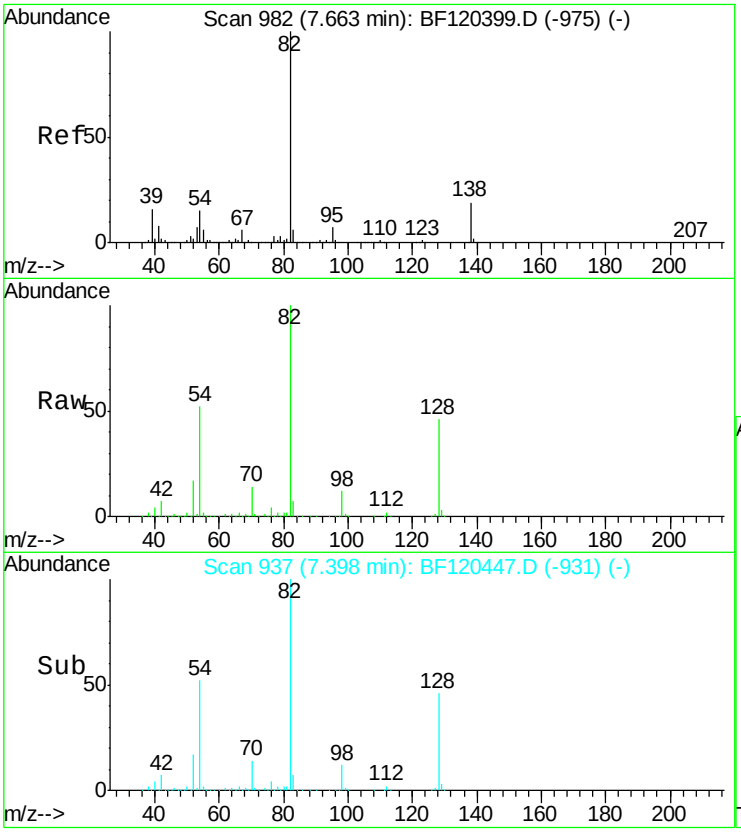


#23
Nitrobenzene-d5
Concen: 76.685 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion: 82 Resp: 1228394

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.8	55.2
54	51.6	41.6	62.4



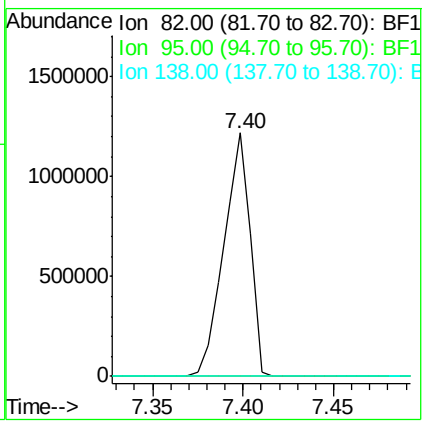


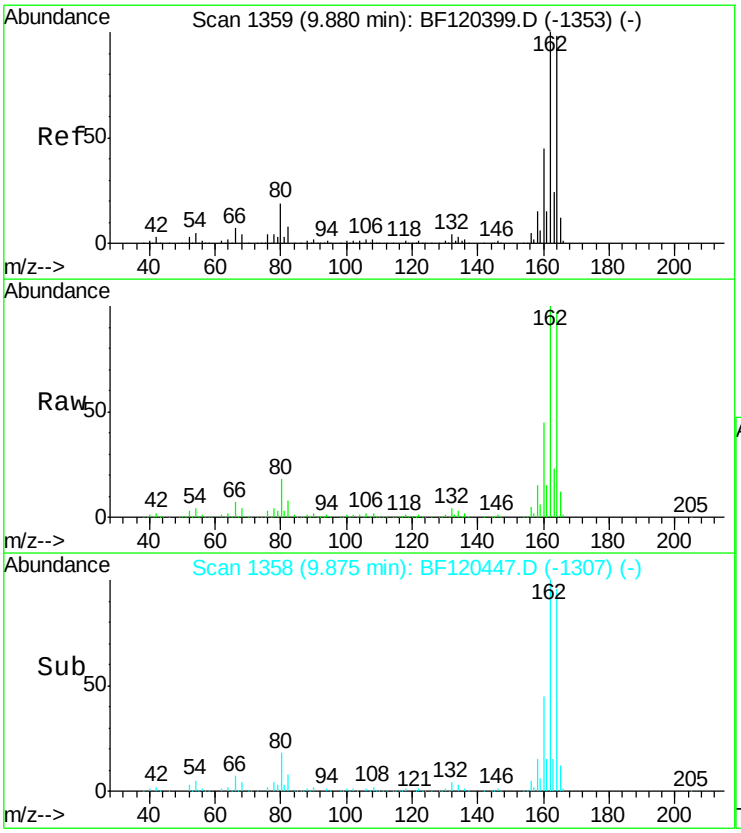
#25
Isophorone
Concen: 38.077 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.26 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1225906

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.0	22.4#

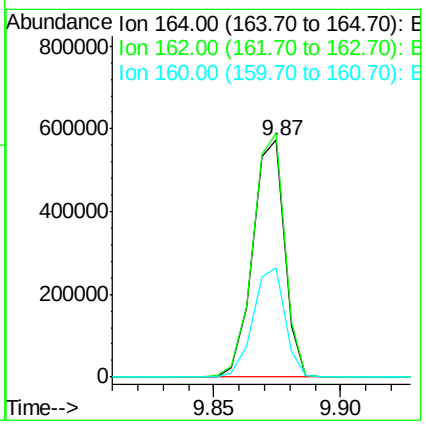


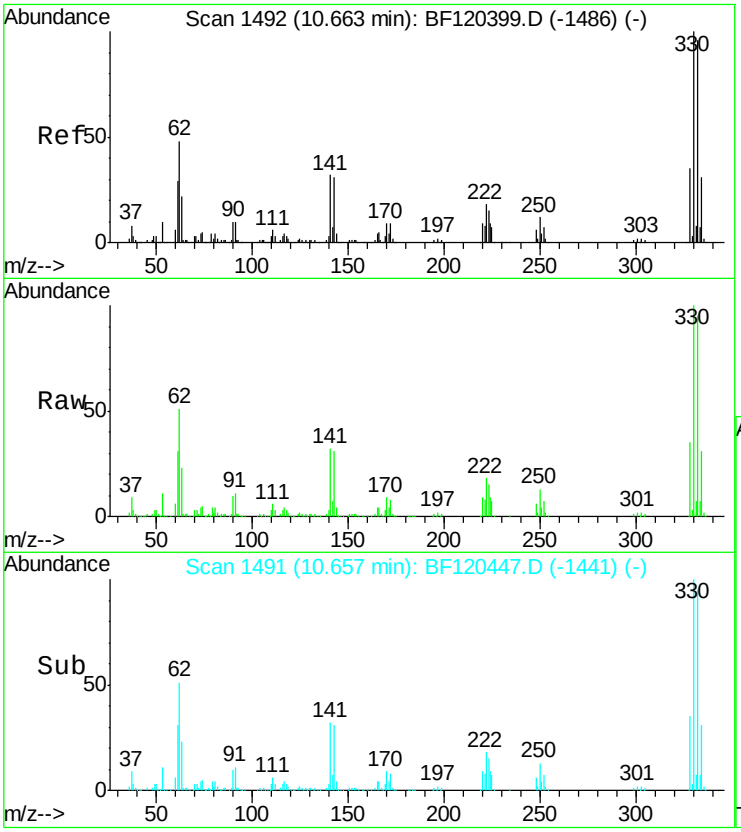


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:164 Resp: 505908

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	45.9	36.9	55.3



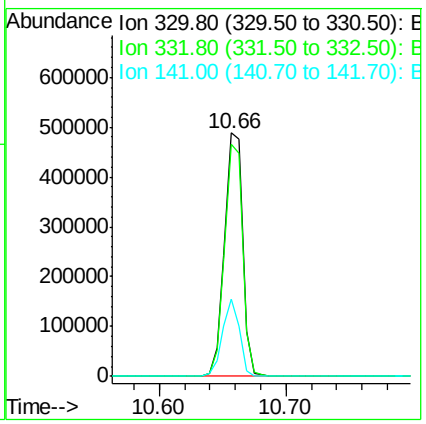


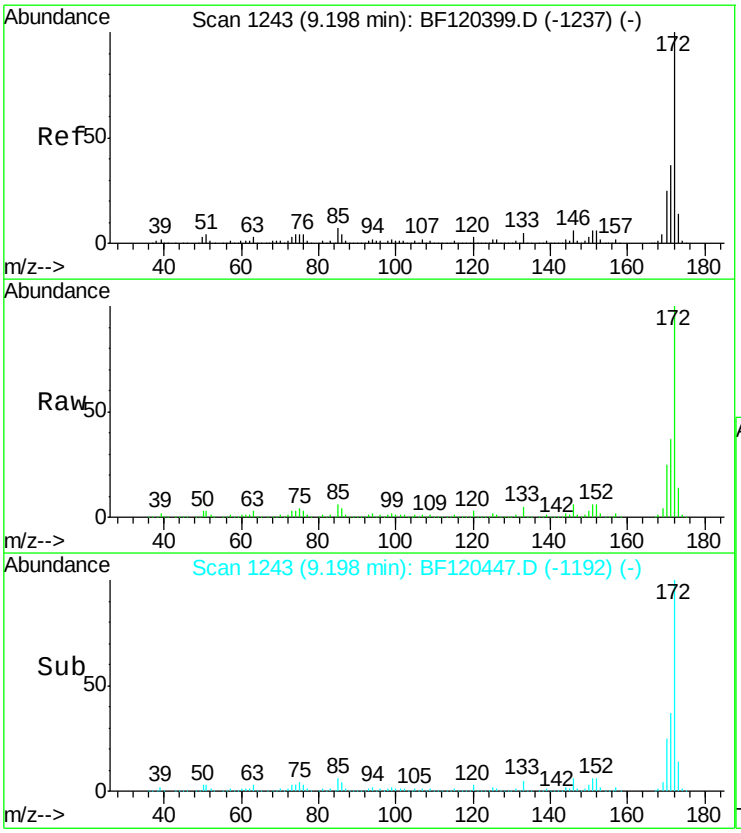
#42
2,4,6-Tribromophenol
Concen: 104.171 ng
RT: 10.66 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 488297

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	29.8	25.3	37.9

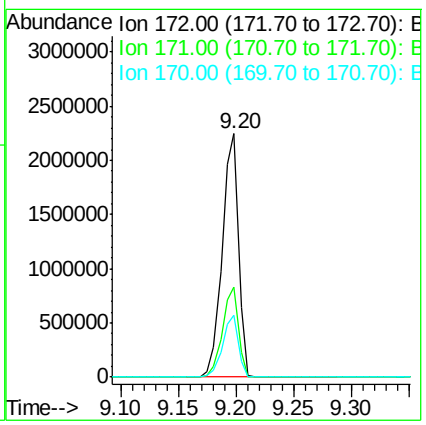


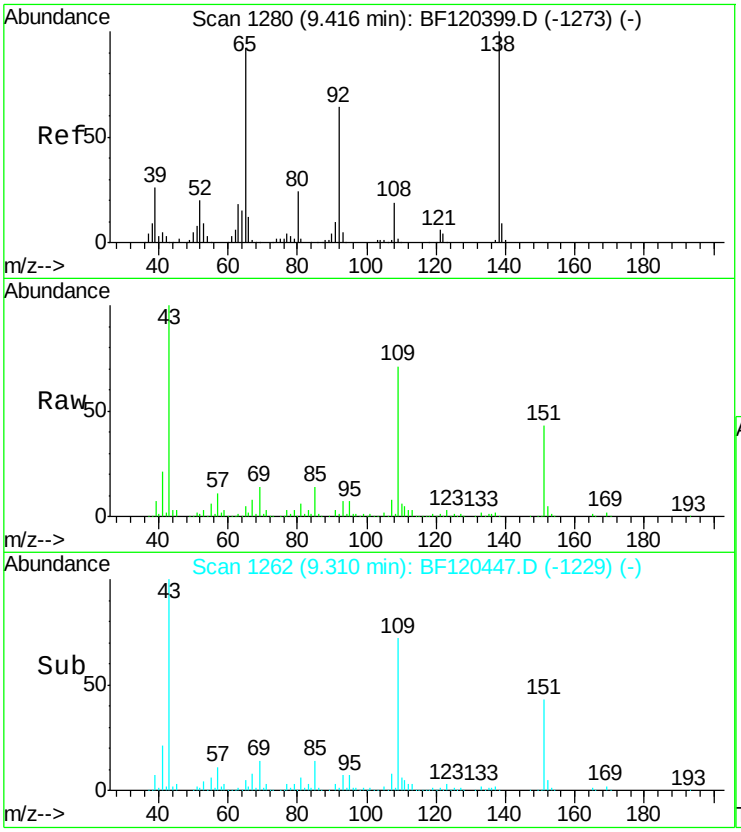


#45
2-Fluorobiphenyl
Concen: 73.133 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:172 Resp: 2180614

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.2	19.9	29.9



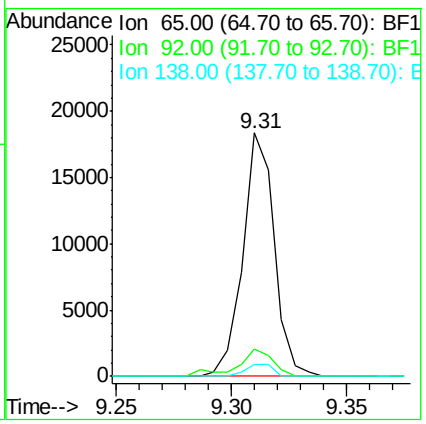


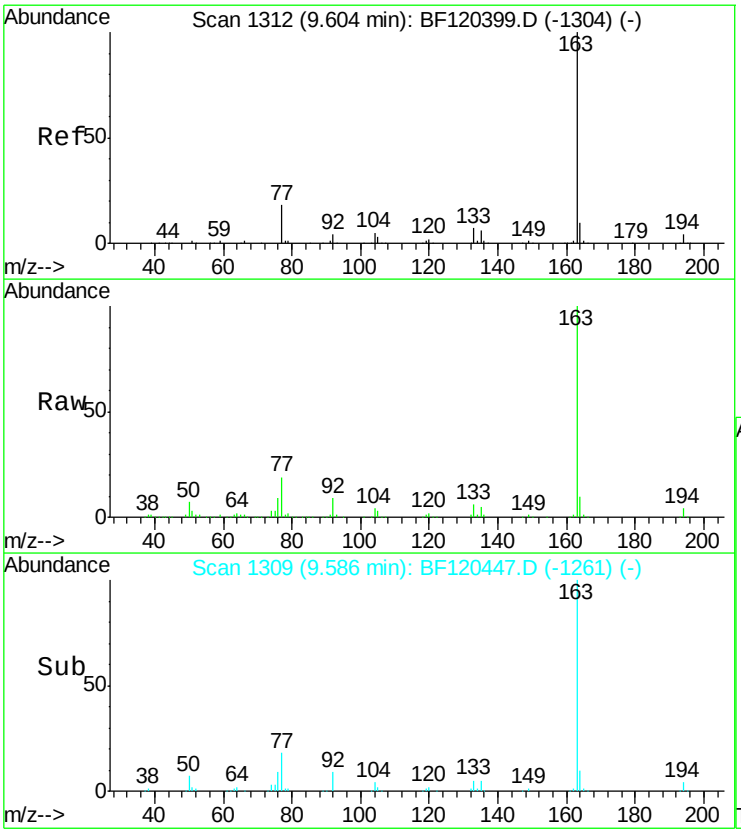
#48
2-Nitroaniline
Concen: 2.093 ng
RT: 9.31 min Scan# 1262
Delta R.T. -0.11 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 17443

Ion	Ratio	Lower	Upper
65	100		
92	11.3	55.7	83.5#
138	5.0	86.9	130.3#

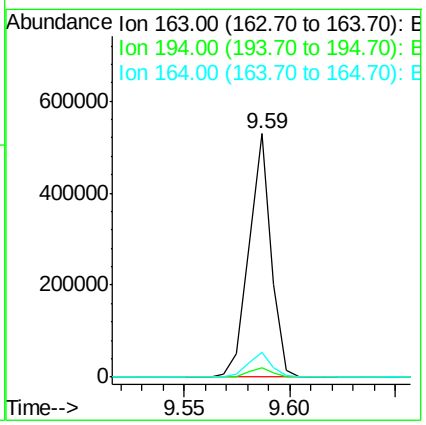


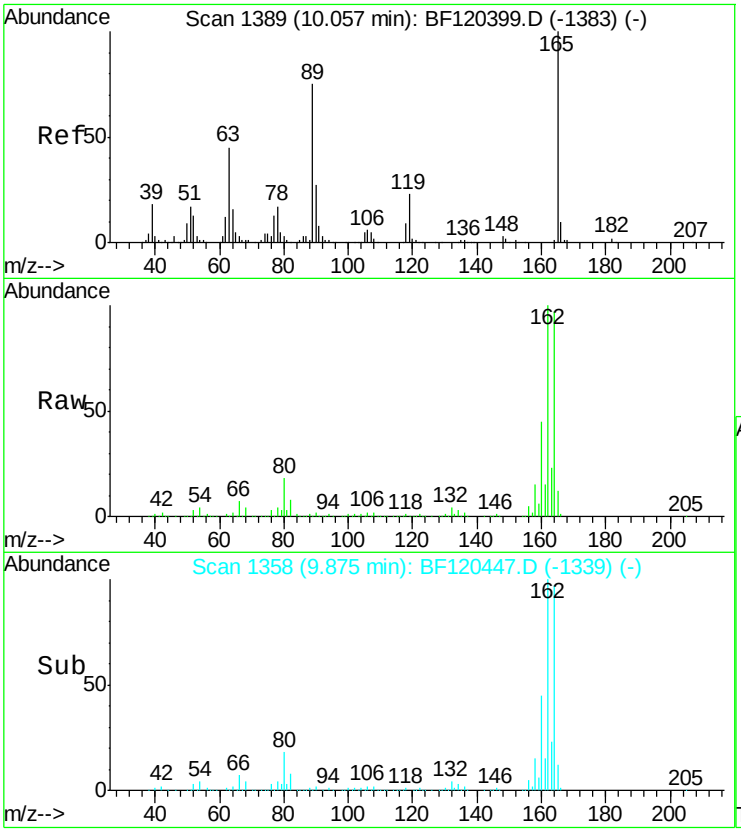


#50
Dimethylphthalate
Concen: 12.182 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:163 Resp: 385295

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.2	8.3	12.5



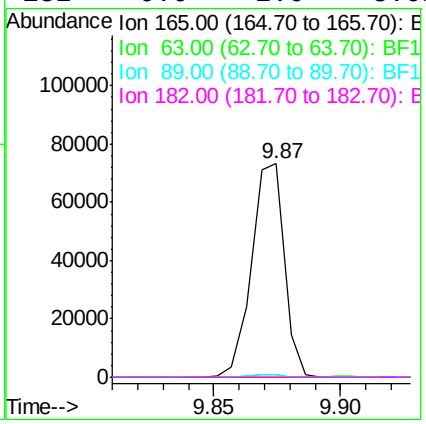


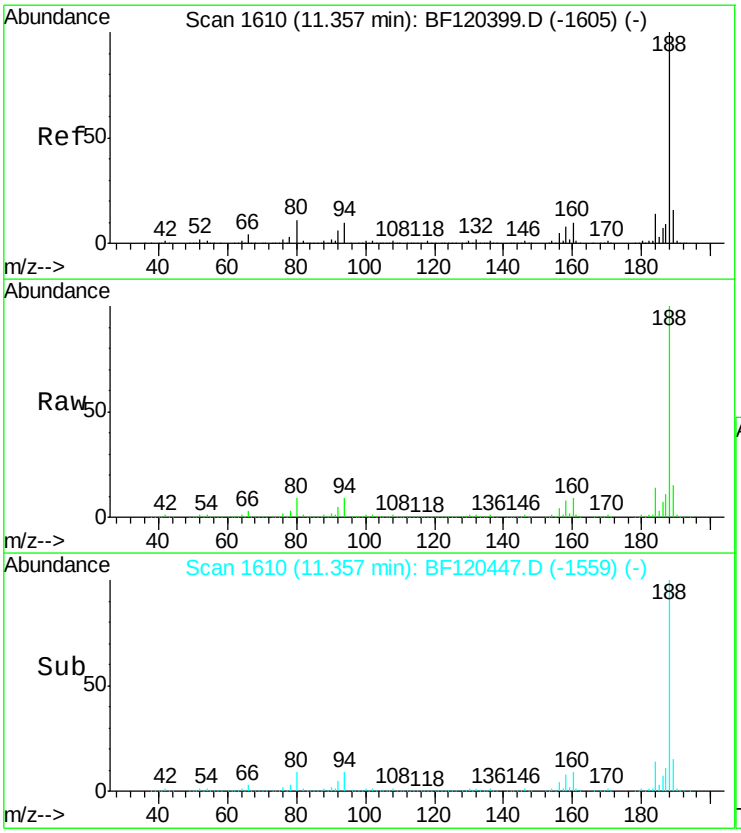
#57
2,4-Dinitrotoluene
Concen: 7.382 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.19 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 66408

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.9	53.9#
89	1.4	60.0	90.0#
182	0.0	2.0	3.0#

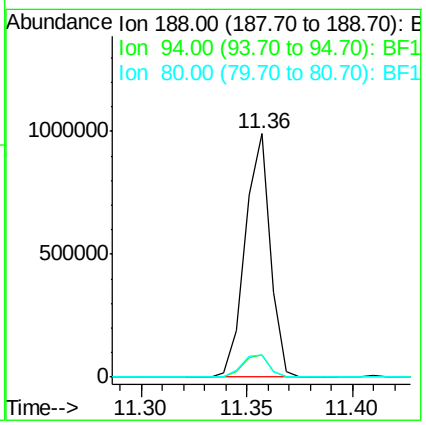


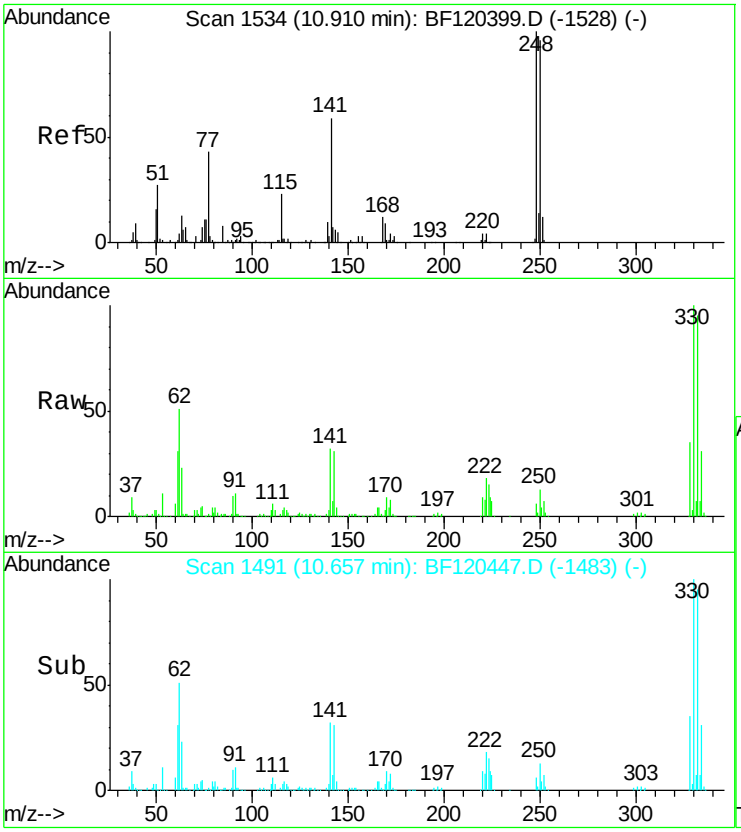


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:188 Resp: 816322

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.1	8.6	13.0



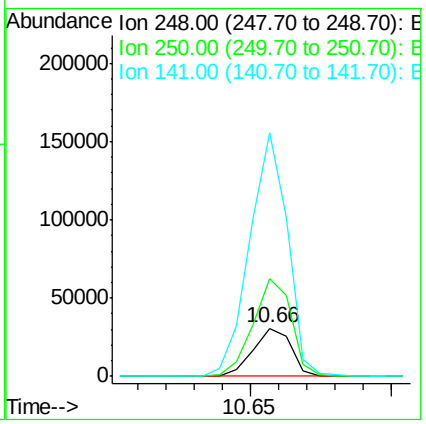


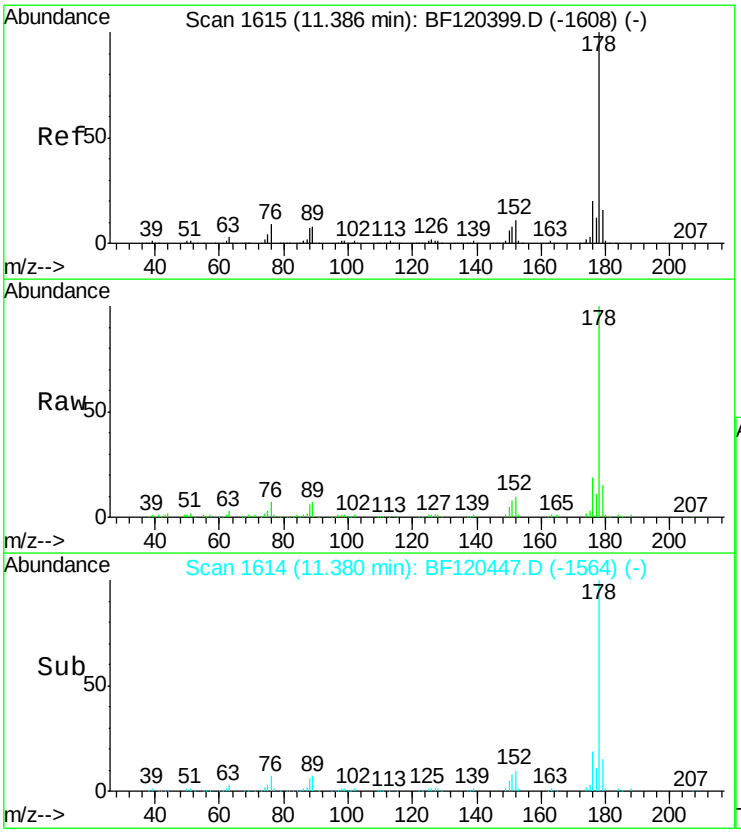
#67
4-Bromophenyl-phenylether
Concen: 3.484 ng
RT: 10.66 min Scan# 1491
Delta R.T. -0.25 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 28712

Ion	Ratio	Lower	Upper
248	100		
250	204.3	76.5	114.7#
141	508.6	47.2	70.8#

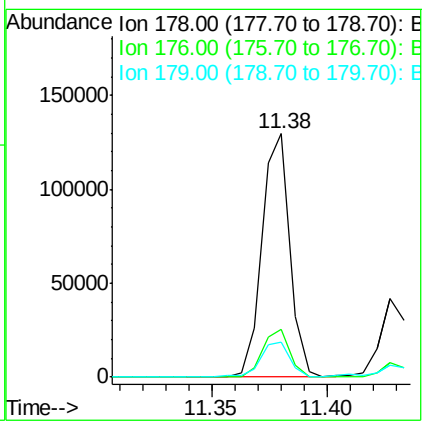


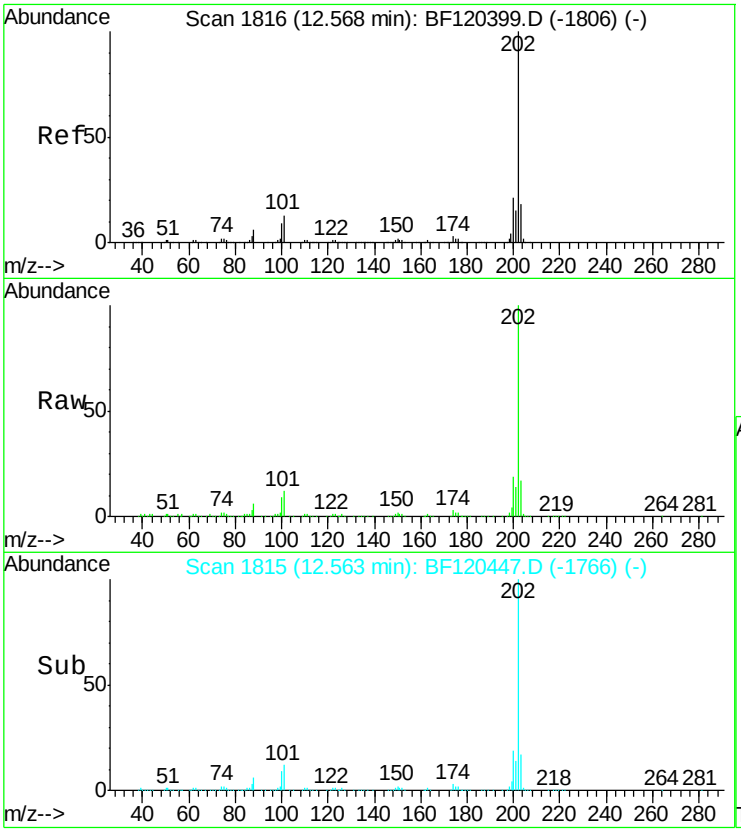


#71
Phenanthrene
Concen: 3.035 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:178 Resp: 109167

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	14.5	13.0	19.4



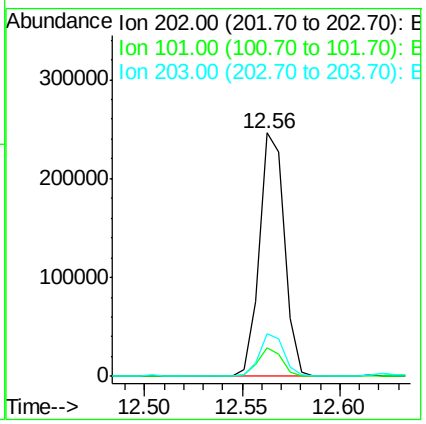


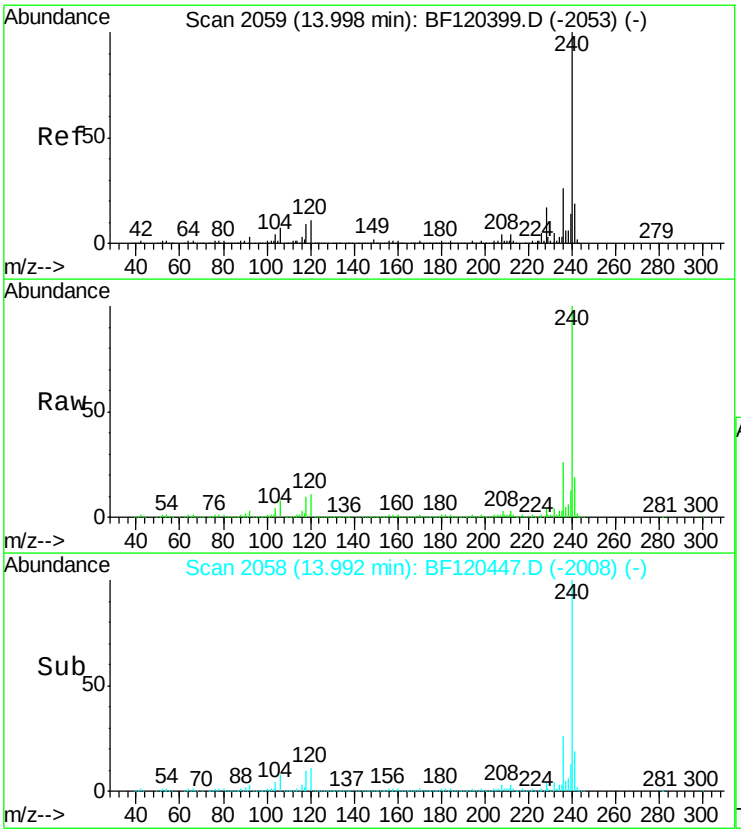
#75
Fluoranthene
Concen: 5.671 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 219502

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.6
203	17.3	0.0	38.4

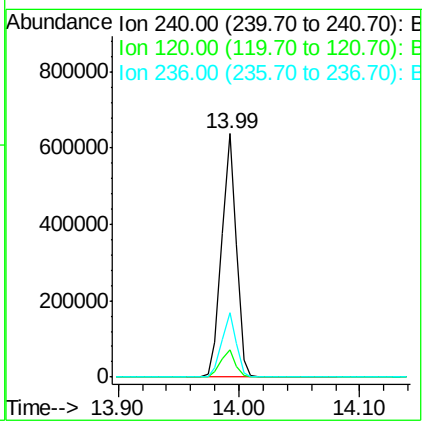


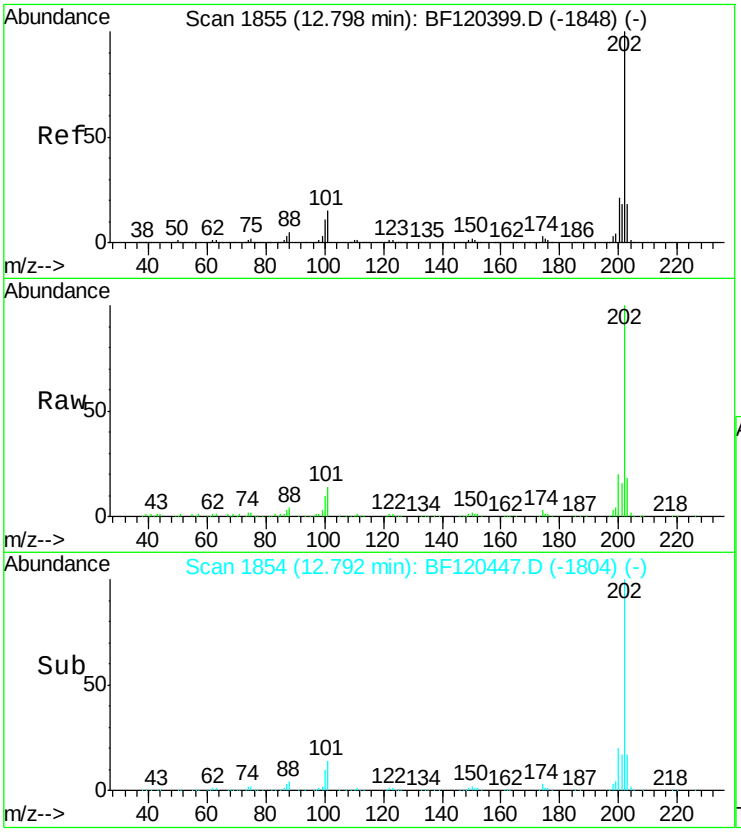


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:240 Resp: 534885

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	26.3	21.0	31.4



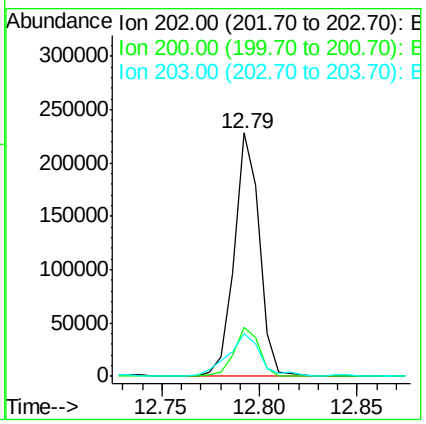


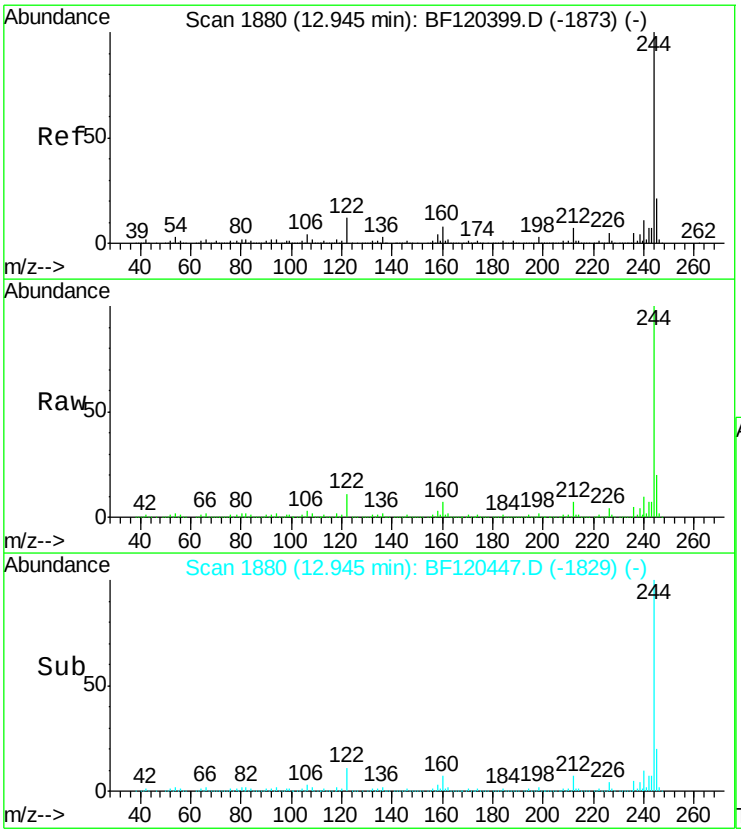
#78
Pyrene
Concen: 5.477 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 203733

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.4
203	17.7	14.7	22.1

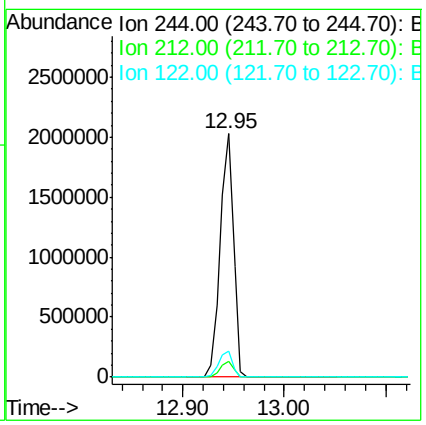


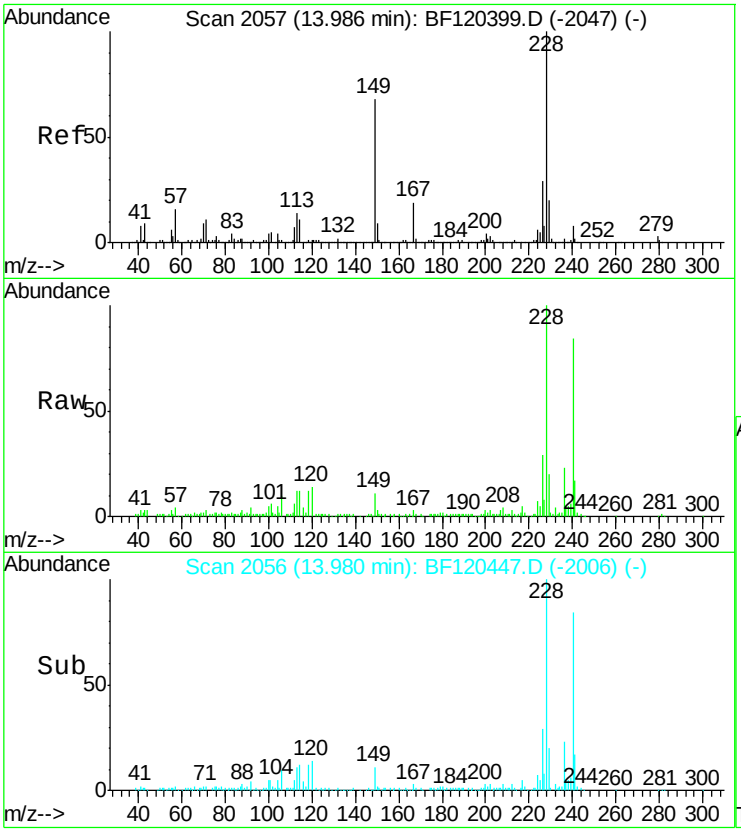


#79
Terphenyl-d14
Concen: 77.034 ng
RT: 12.95 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:244 Resp: 1851674

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.7	9.2	13.8



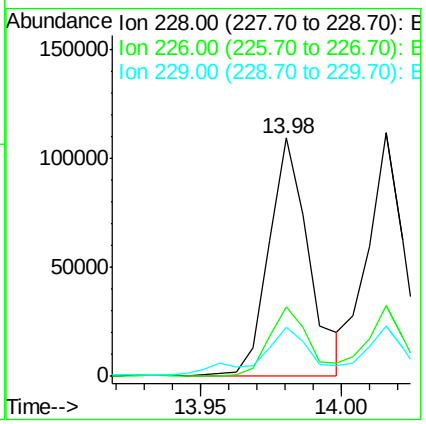


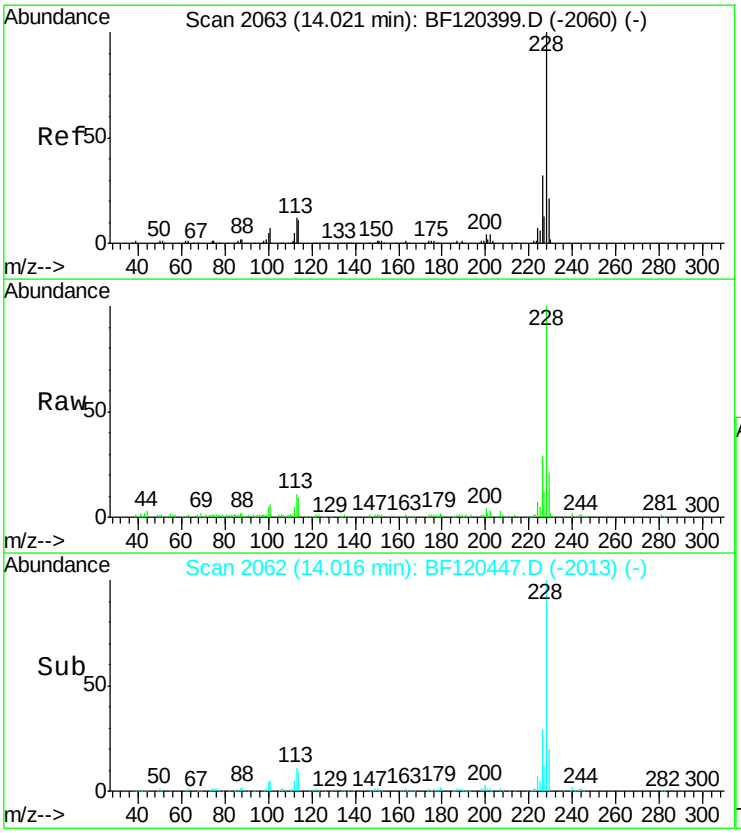
#81
Benzo(a)anthracene
Concen: 3.724 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 106743

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	20.4	16.2	24.4

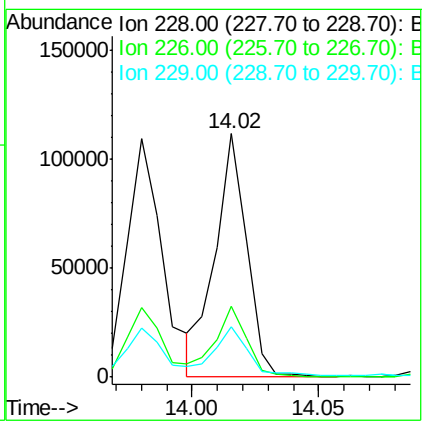


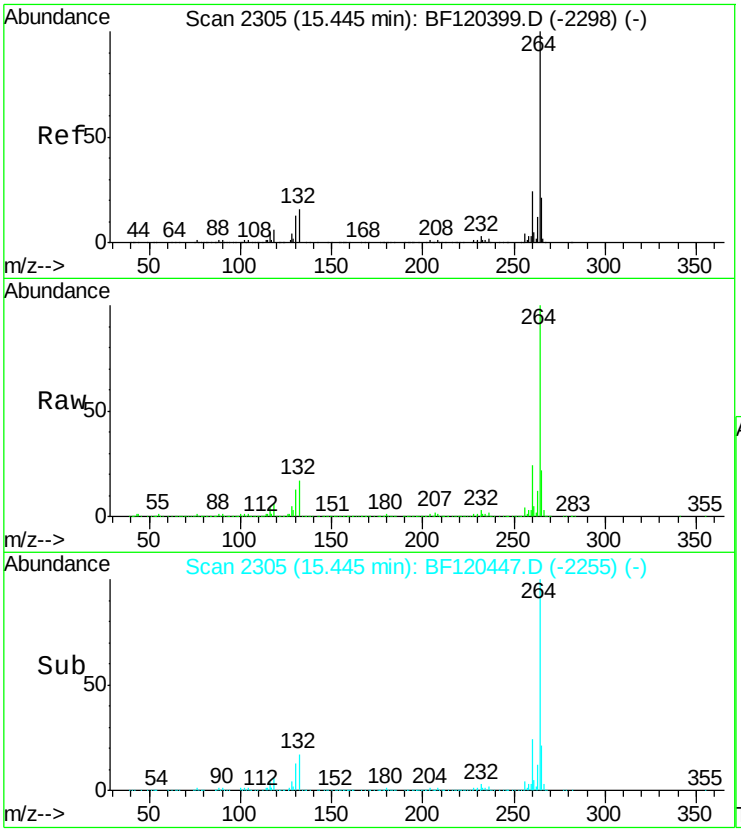


#83
Chrysene
Concen: 3.193 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:228 Resp: 95955

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.6	38.4
229	20.7	16.6	25.0



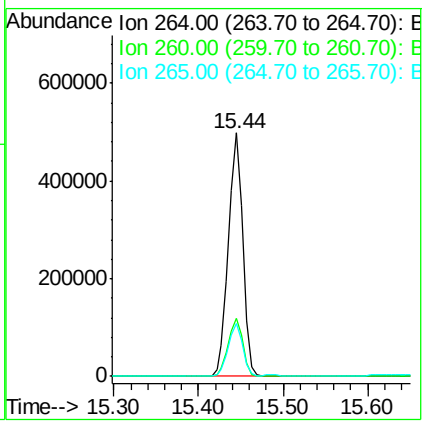


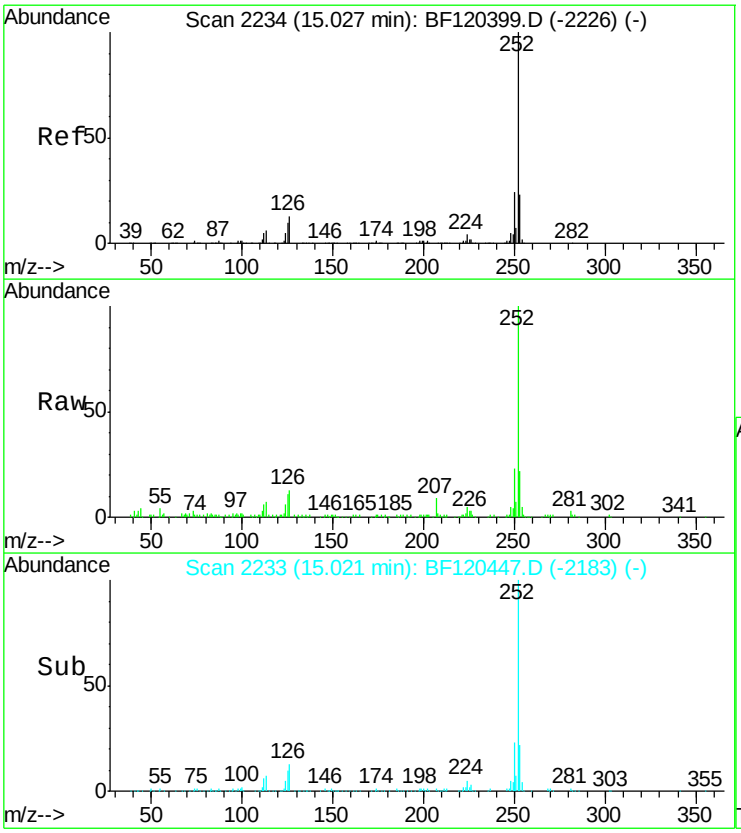
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 583309

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	16.9	25.3

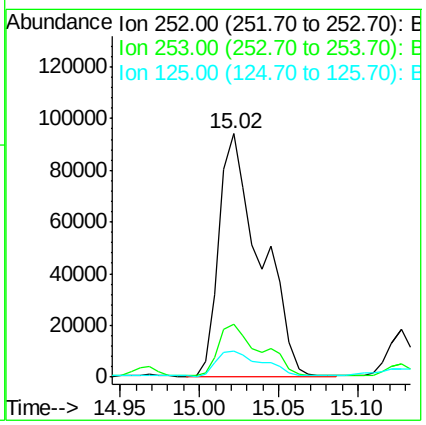


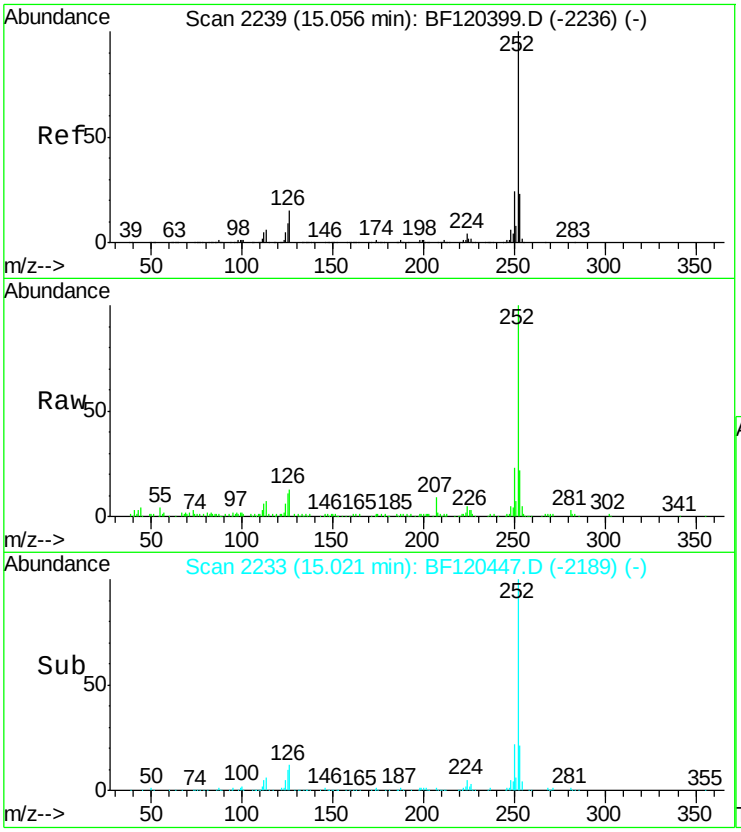


#88
Benzo(b)fluoranthene
Concen: 5.244 ng
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:252 Resp: 169892

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.9	7.8	11.8



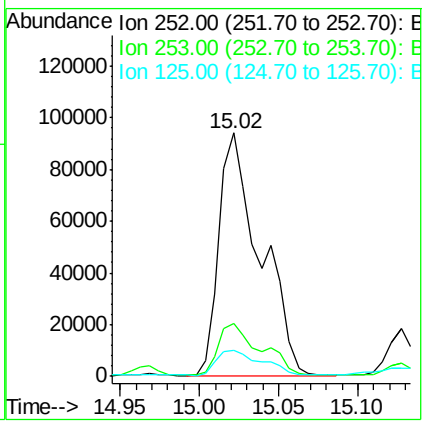


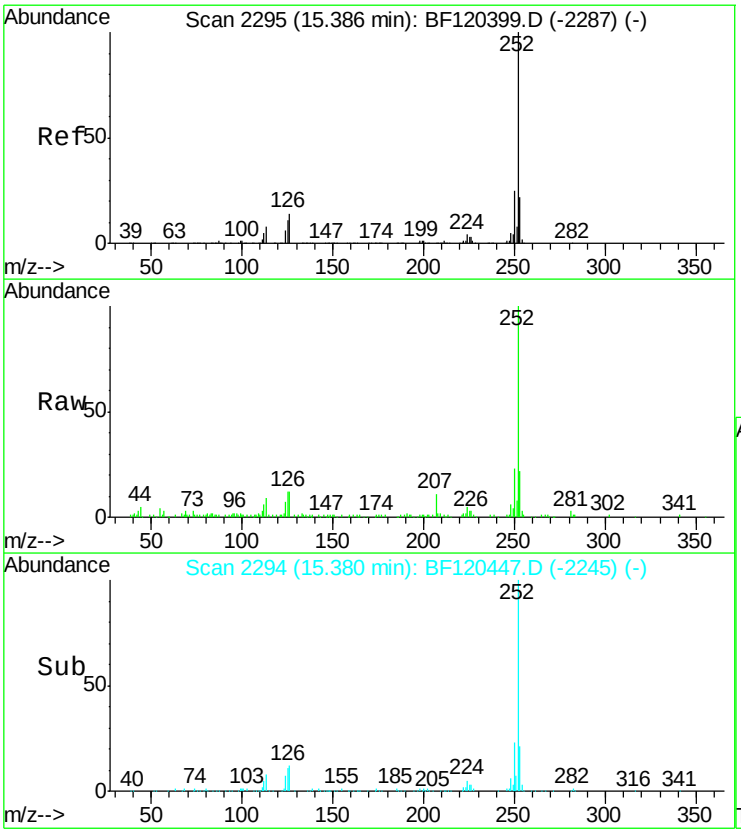
#89
Benzo(k)fluoranthene
Concen: 5.617 ng
RT: 15.02 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 169892

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	10.9	8.0	12.0

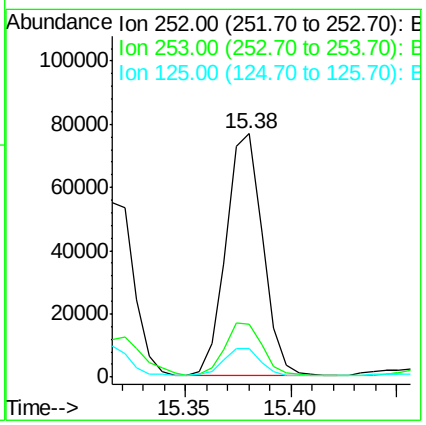


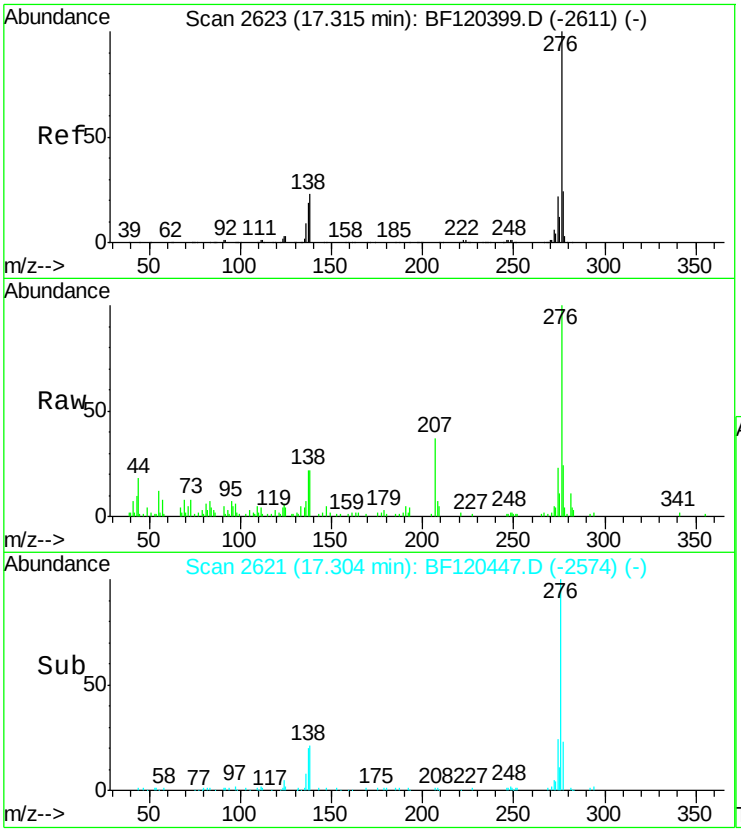


#90
Benzo(a)pyrene
Concen: 3.268 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:252 Resp: 92602

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	11.6	8.7	13.1

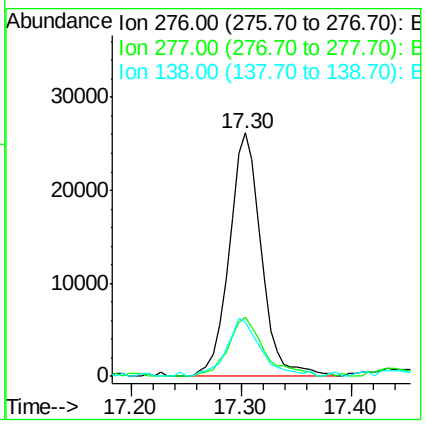




#92
Benzo(g,h,i)perylene
Concen: 2.078 ng
RT: 17.30 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:276 Resp: 53301

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	22.0	18.1	27.1



Instrument :
BNA_F
ClientSampleId :