Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121503.D
Acq On : 1 Sep 2020 18:37
Operator : JU/CG
Sample : L3852-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 251378

Quant Time: Sep 01 19:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	258930	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	993685	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	495760	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	866970	20.00	ng	0.00
76) Chrysene-d12	14.03	240	636805	20.00	ng	0.00
86) Perylene-d12	15.50	264	677831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1584053	102.64	ng	0.01
7) Phenol-d6	6.48	99	1882091	87.27	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1455859	100.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	678610	135.52	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2525986	82.21	ng	0.00
79) Terphenyl-d14	12.97	244	2423061	80.09	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	109	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.42	70	195094	16.187	ng	# 79
25) Isophorone	7.42	82	1438666	44.006	ng	# 64
32) Benzoic acid	7.86	122	1670	6.914	ng	# 82
48) 2-Nitroaniline	9.45	65	296	6.677	ng	# 61
51) 2,6-Dinitrotoluene	9.65	165	2496	6.758	ng	# 23
53) 3-Nitroaniline	9.89	138	2715	5.748	ng	# 1
56) 4-Nitrophenol	10.02	139	237	7.889	ng	# 1
57) 2,4-Dinitrotoluene	9.90	165	65431	14.341	ng	# 21
62) 4-Nitroaniline	10.47	138	1028	4.647	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.69	198	1775	6.621	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	38618	4.049	ng	# 1
77) Benzidine	12.97	184	35514	2.557	ng	# 93

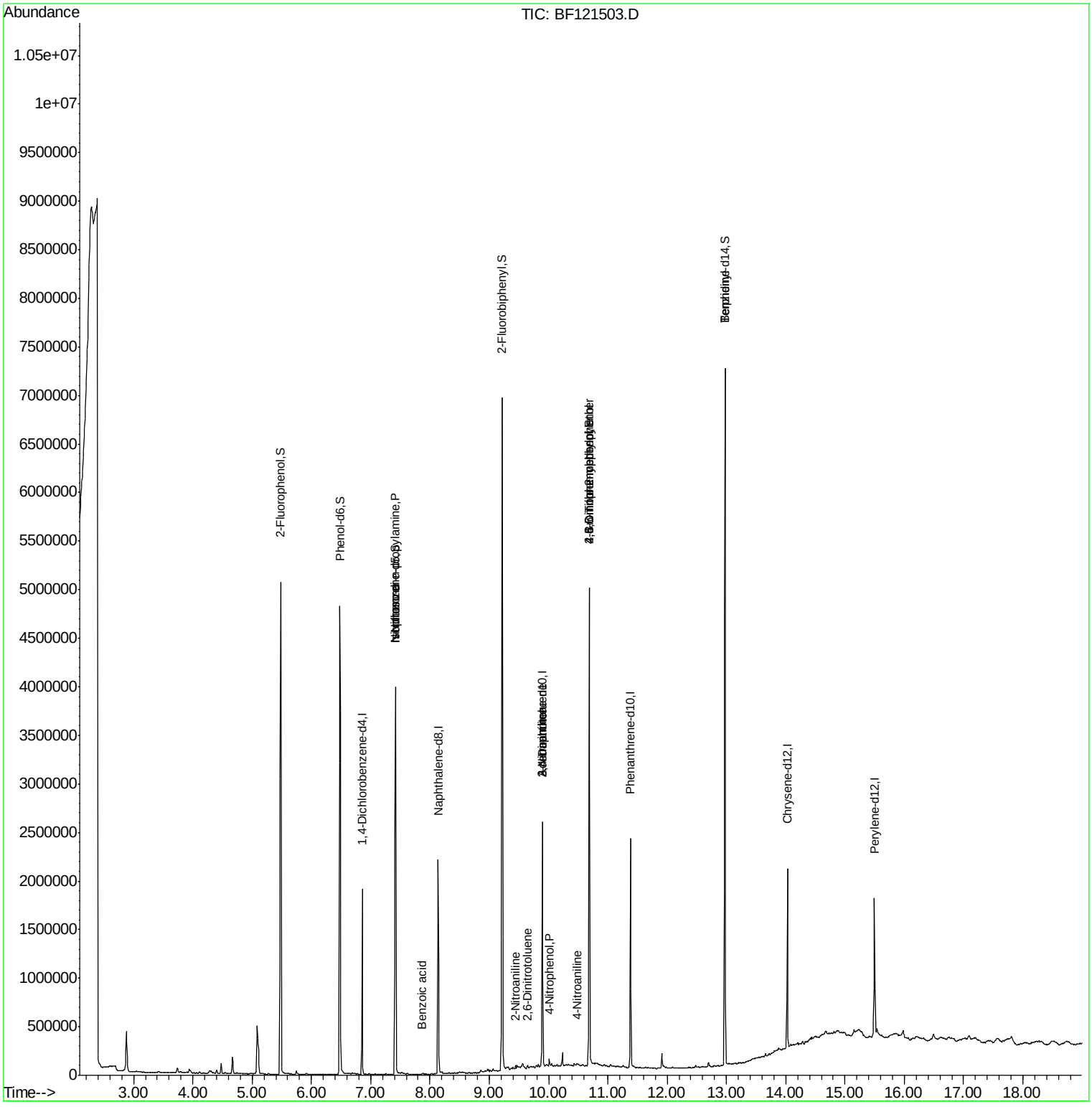
(#) = qualifier out of range (m) = manual integration (+) = signals summed

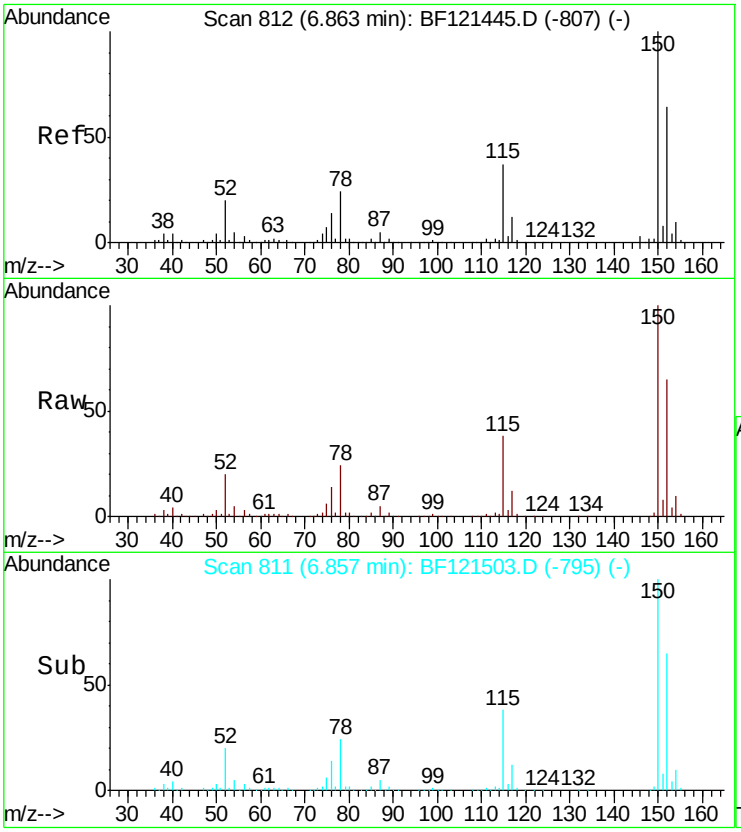
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121503.D
Acq On : 1 Sep 2020 18:37
Operator : JU/CG
Sample : L3852-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 251378

Quant Time: Sep 01 19:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration



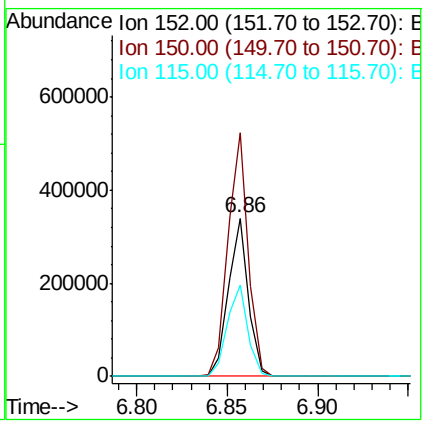


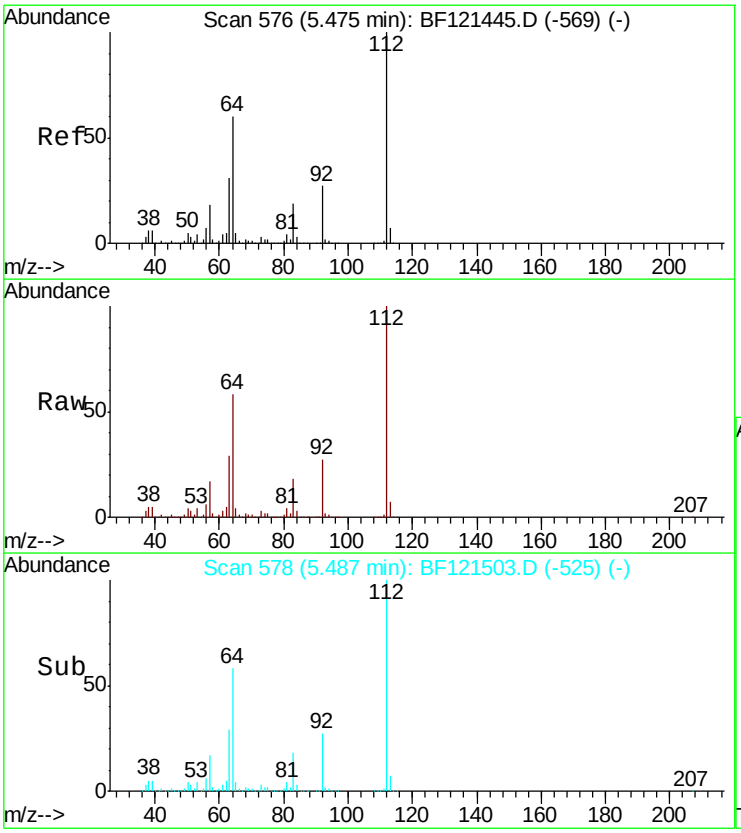
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:152 Resp: 258930

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.8	188.6
115	57.9	46.6	69.8

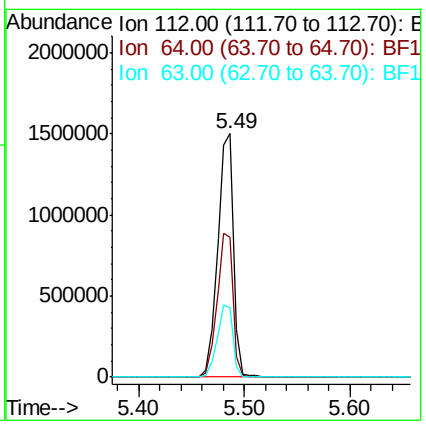


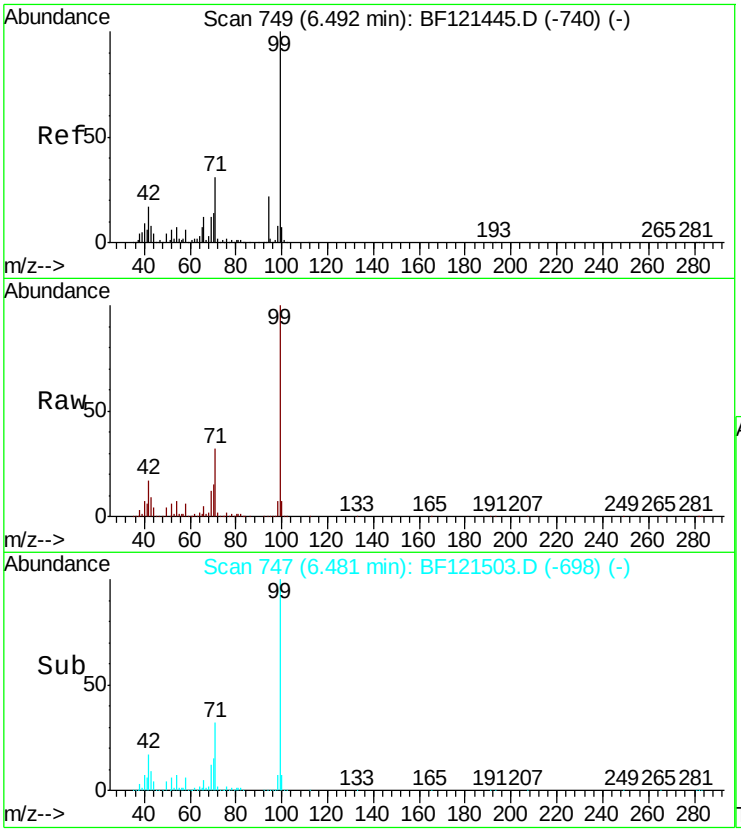


#5
2-Fluorophenol
Concen: 102.639 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:112 Resp: 1584053

Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.2	72.2
63	28.8	24.8	37.2



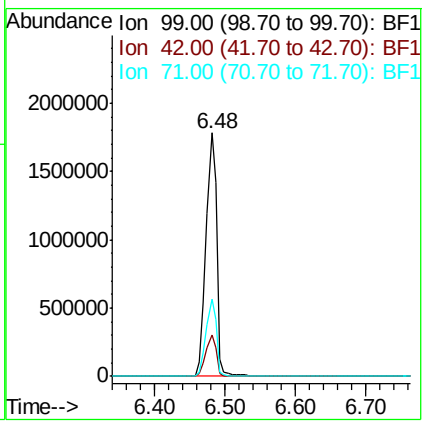


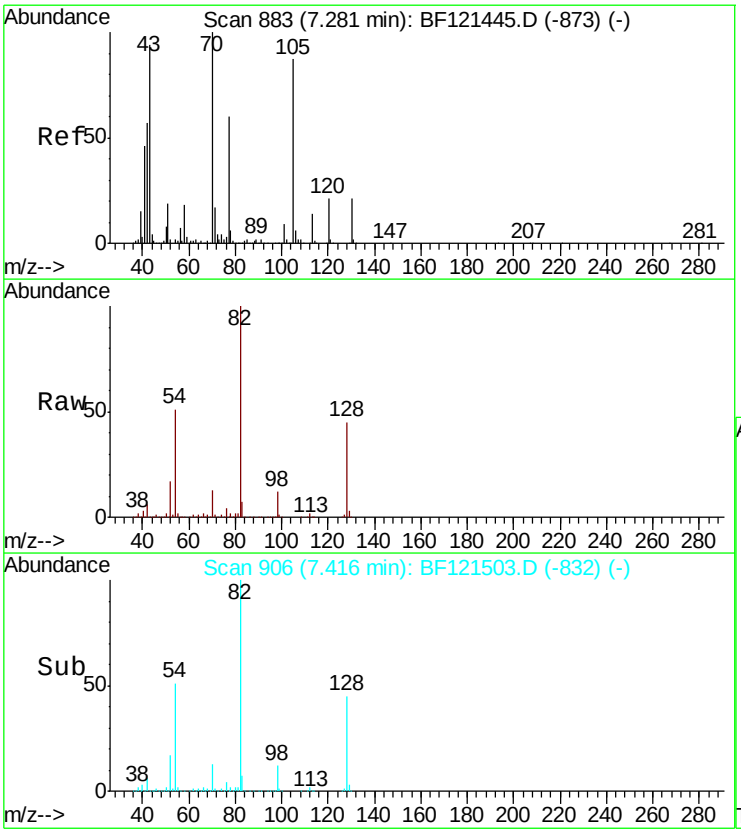
#7
Phenol-d6
Concen: 87.265 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion: 99 Resp: 1882091

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	31.9	24.6	37.0

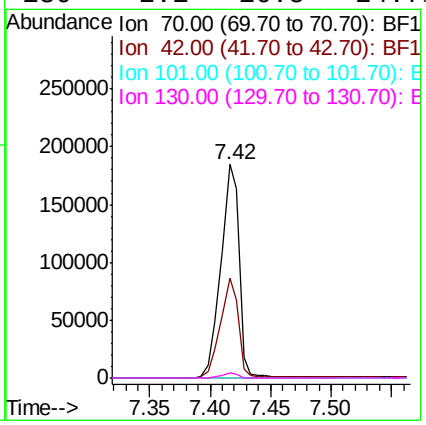


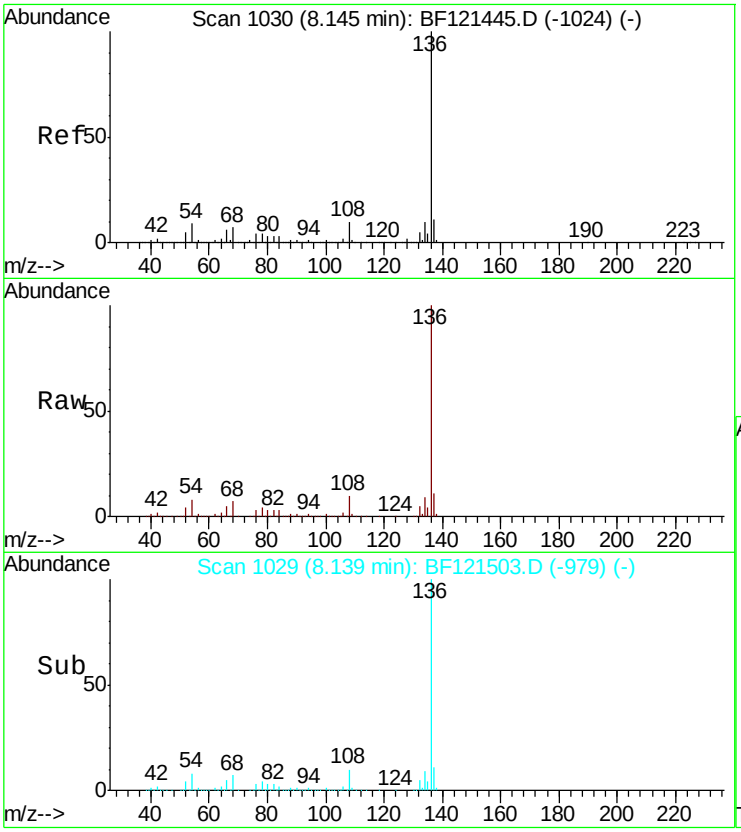


#19
n-Nitroso-di-n-propylamine
Concen: 16.187 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion: 70 Resp: 195094

Ion	Ratio	Lower	Upper
70	100		
42	47.0	45.8	68.6
101	0.0	7.5	11.3#
130	2.1	16.5	24.7#



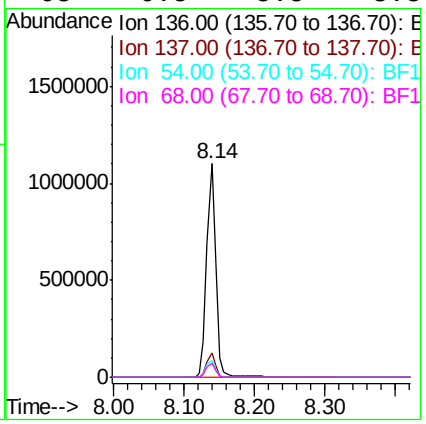


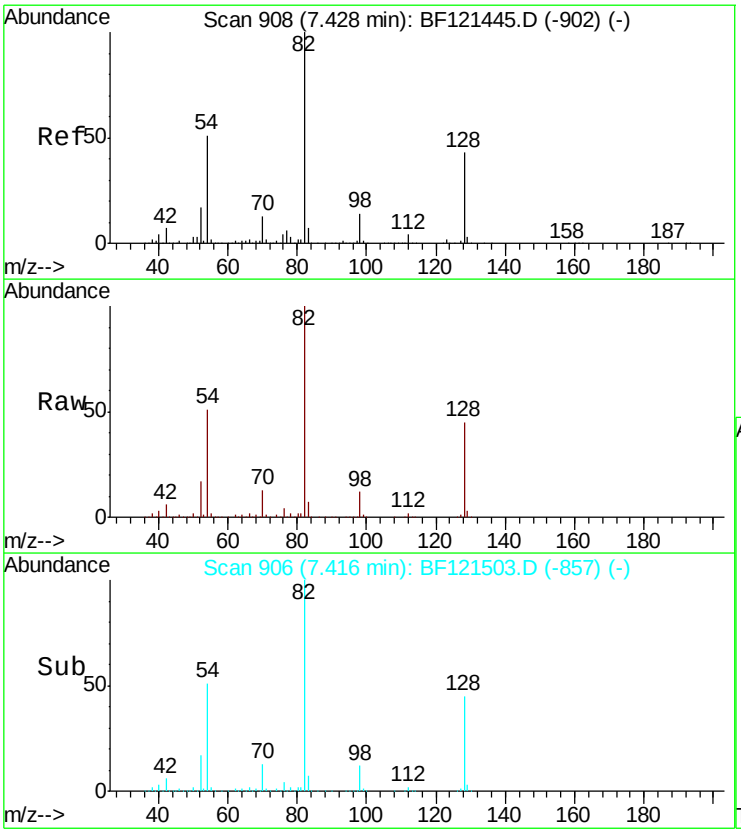
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:136 Resp: 993685

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.1	7.0	10.4
68	6.5	5.5	8.3

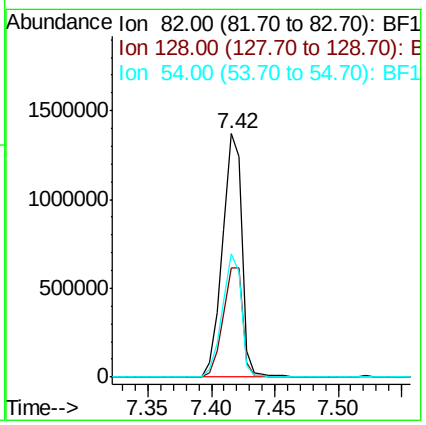


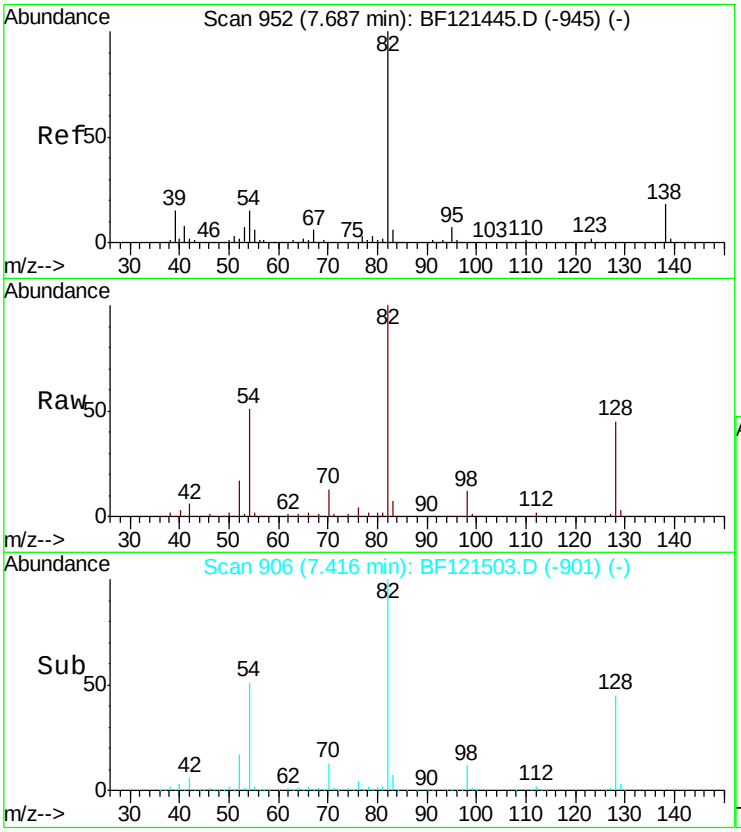


#23
Nitrobenzene-d5
Concen: 100.163 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion: 82 Resp: 1455859

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.1	51.1
54	50.7	41.0	61.6



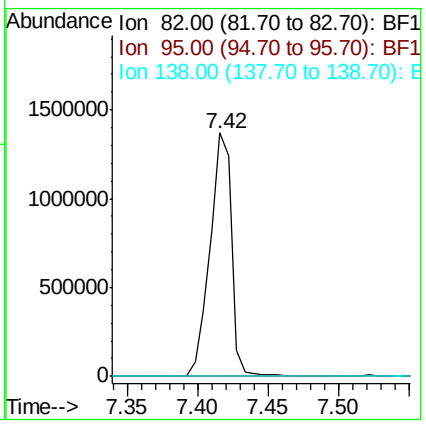


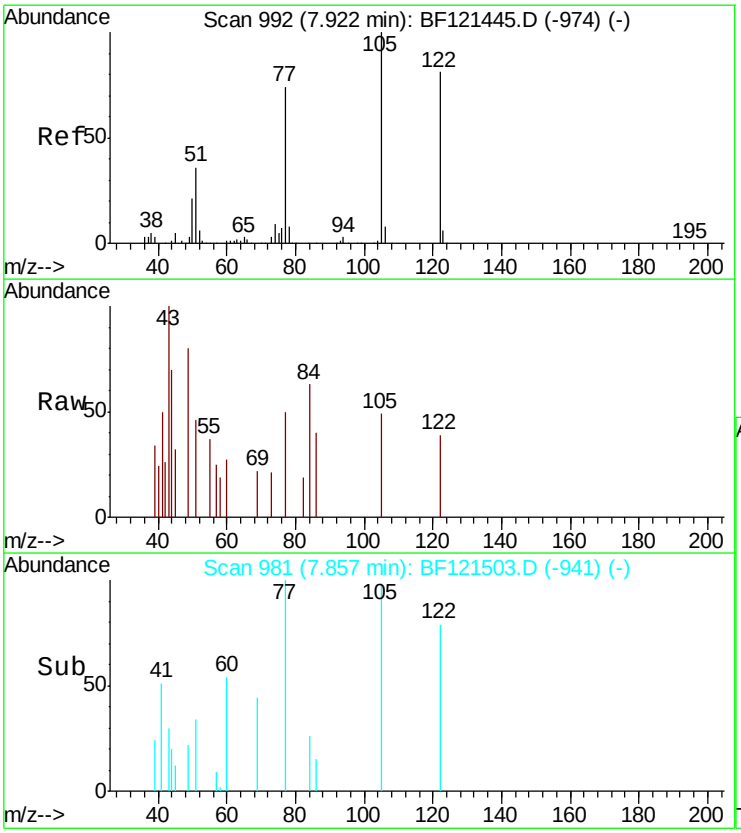
#25
Isophorone
Concen: 44.006 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.27 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion: 82 Resp: 1438666

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

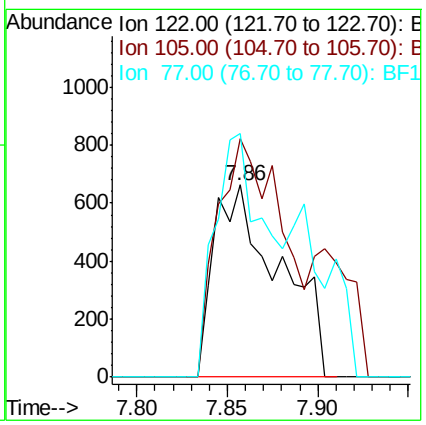


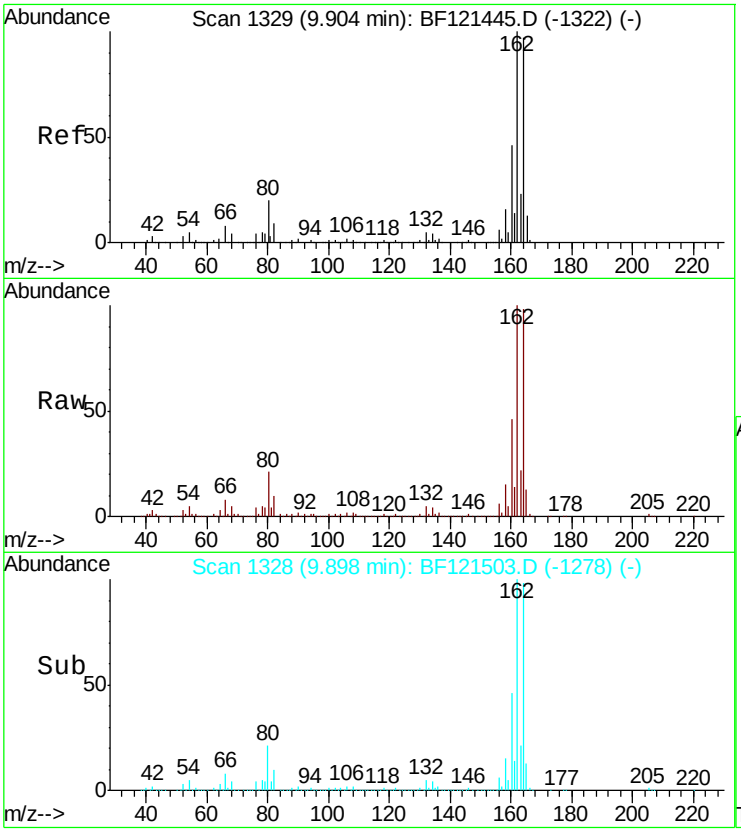


#32
Benzoic acid
Concen: 6.914 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:122 Resp: 1670

Ion	Ratio	Lower	Upper
122	100		
105	124.3	100.8	140.8
77	126.9	71.5	111.5#



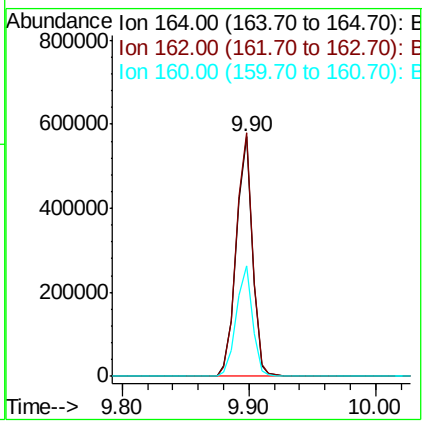


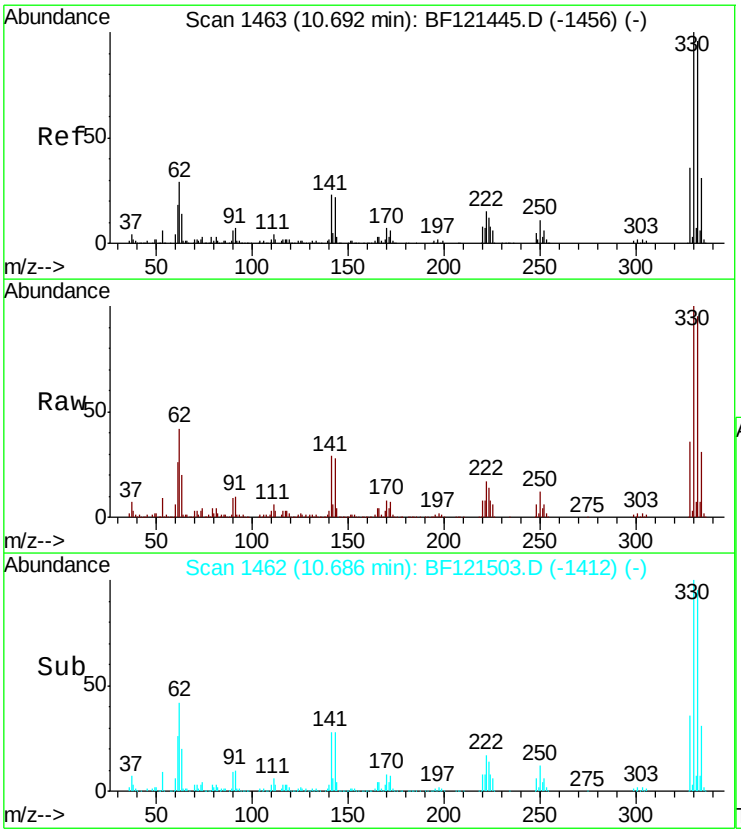
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:164 Resp: 495760

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.4	123.6
160	46.4	37.6	56.4

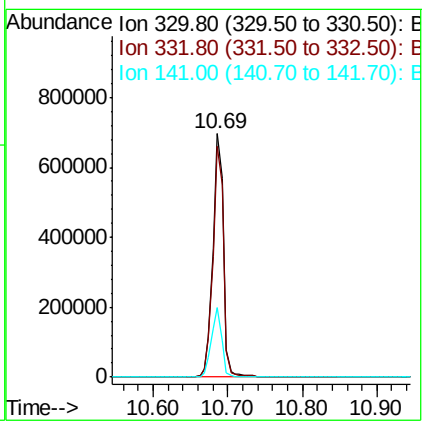


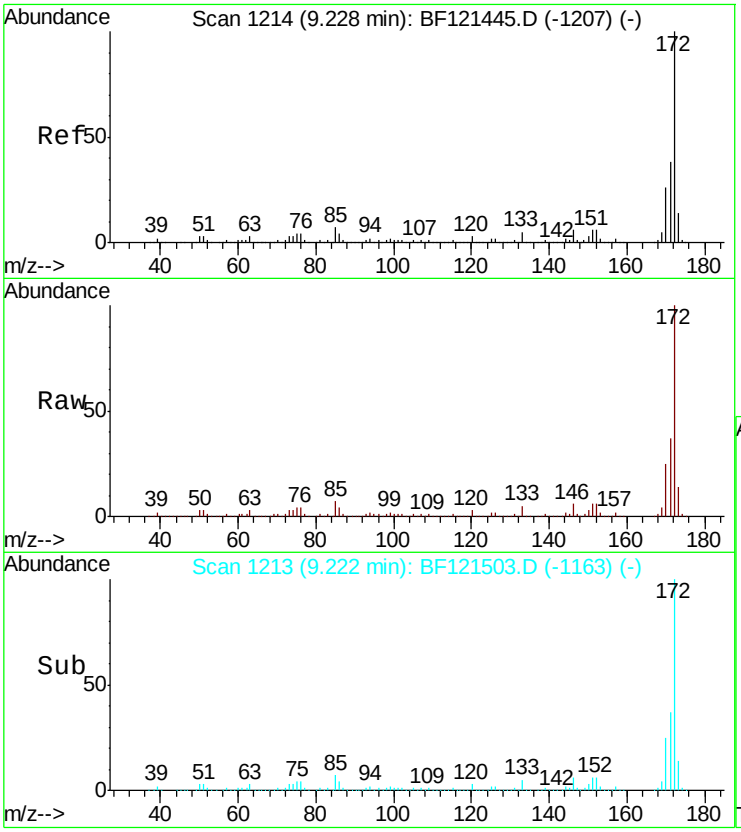


#42
2,4,6-Tribromophenol
Concen: 135.521 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:330 Resp: 678610

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.2
141	28.3	24.6	36.8



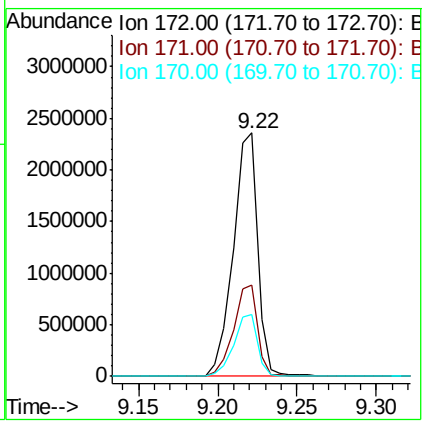


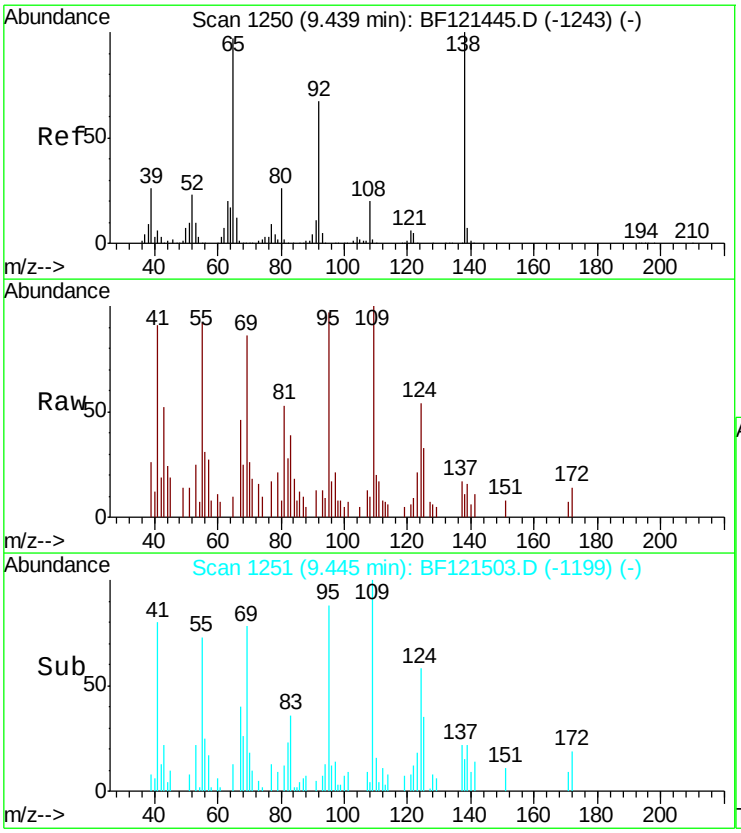
#45
2-Fluorobiphenyl
Concen: 82.212 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:172 Resp: 2525986

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	45.8
170	25.3	20.6	31.0

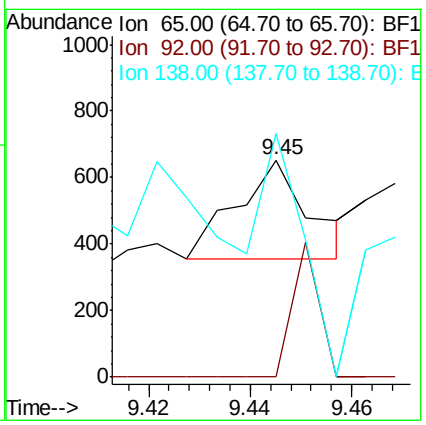


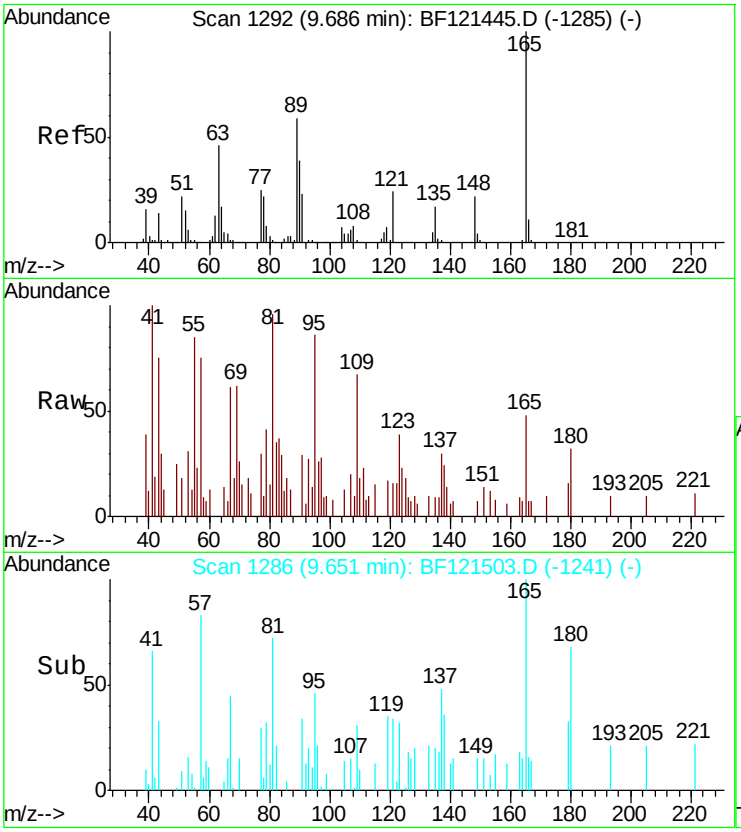


#48
2-Nitroaniline
Concen: 6.677 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion: 65 Resp: 296

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.6	83.4#
138	112.1	82.9	124.3



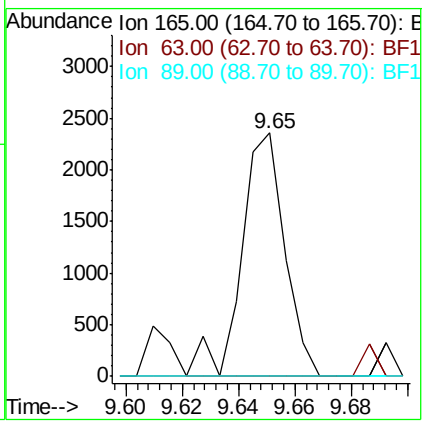


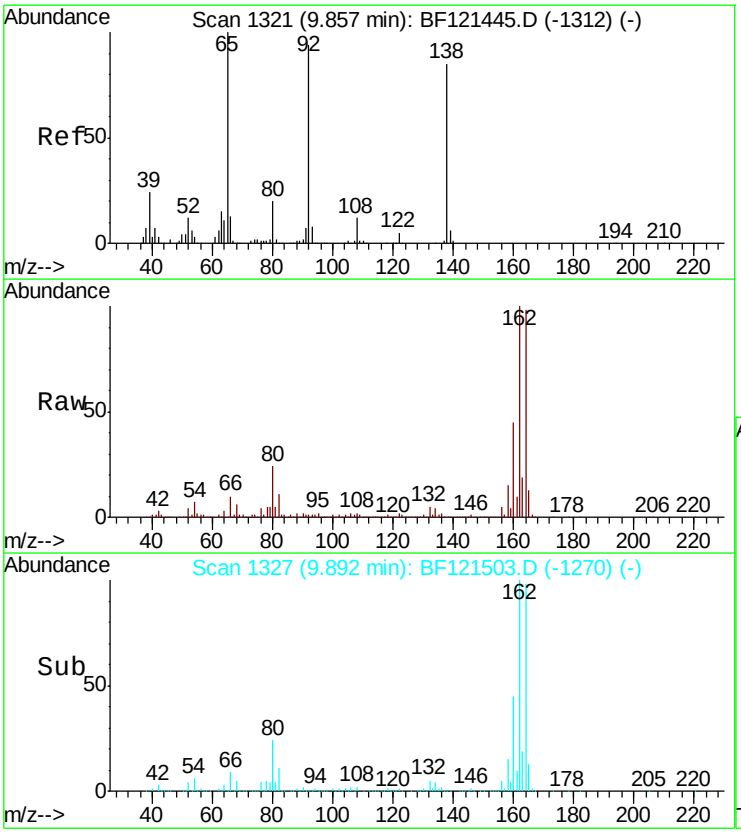
#51
2,6-Dinitrotoluene
Concen: 6.758 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:165 Resp: 2496

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	47.4	71.2#

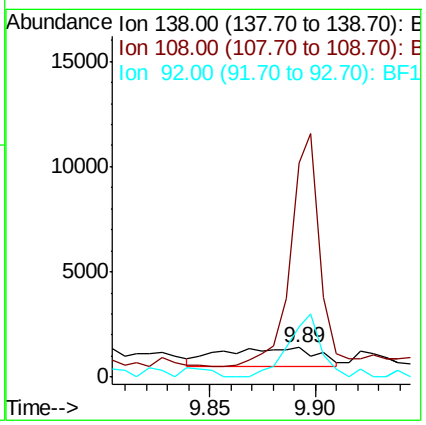


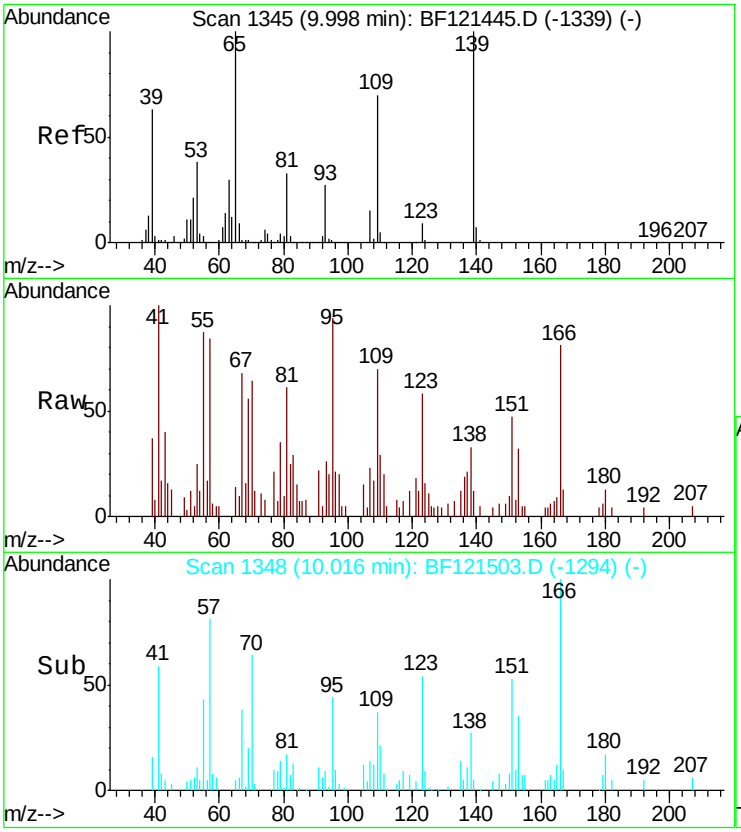


#53
3-Nitroaniline
Concen: 5.748 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.04 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:138 Resp: 2715

Ion	Ratio	Lower	Upper
138	100		
108	721.9	11.6	17.4#
92	167.9	88.6	132.8#



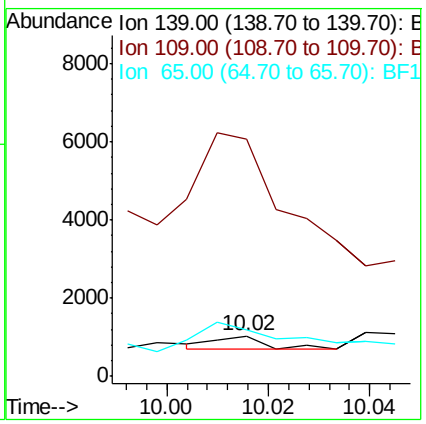


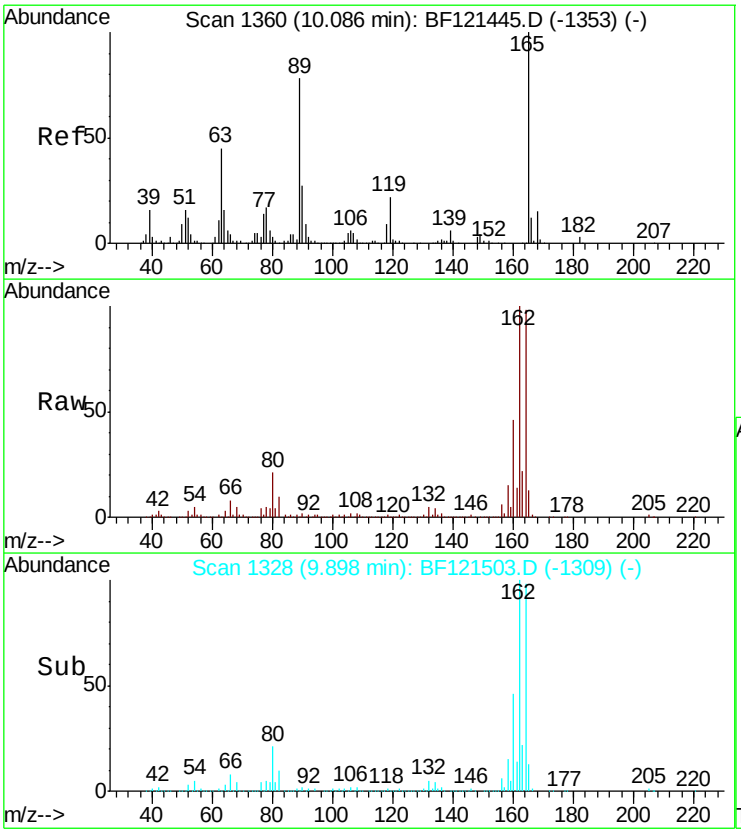
#56
4-Nitrophenol
Concen: 7.889 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:139 Resp: 237

Ion	Ratio	Lower	Upper
139	100		
109	590.1	50.5	90.5#
65	115.4	80.2	120.2

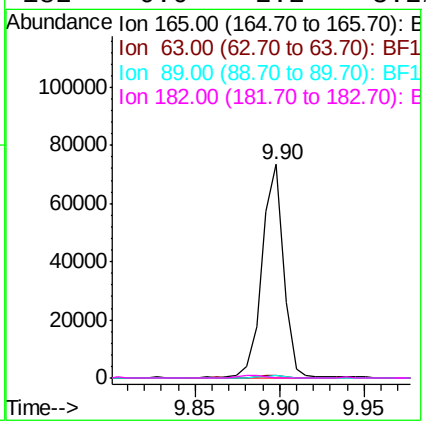


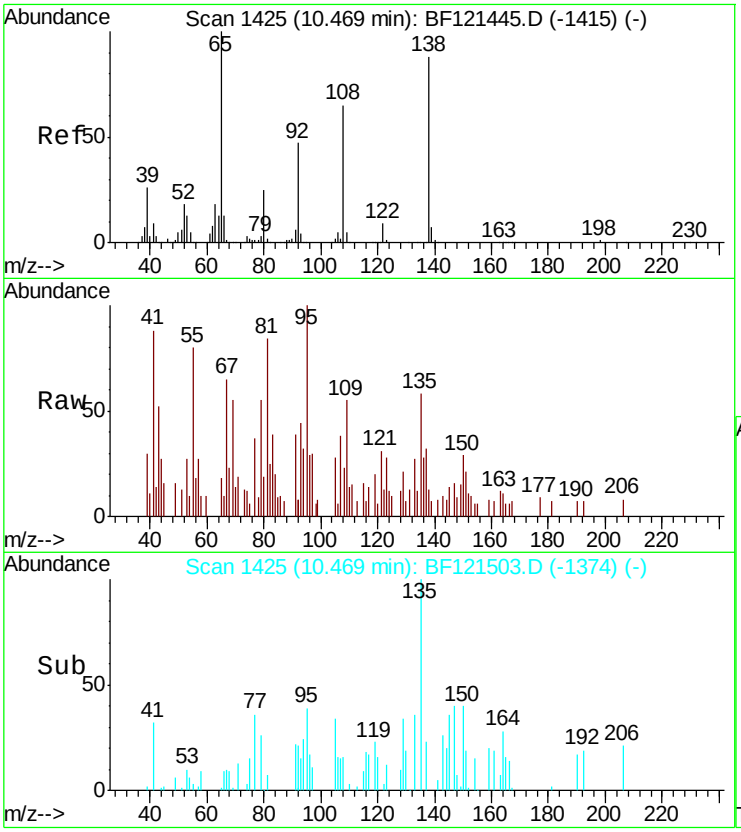


#57
2,4-Dinitrotoluene
Concen: 14.341 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:165 Resp: 65431

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.0	54.0#
89	1.5	62.6	93.8#
182	0.0	2.2	3.2#



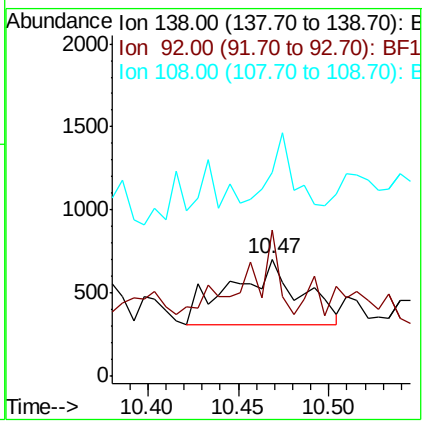


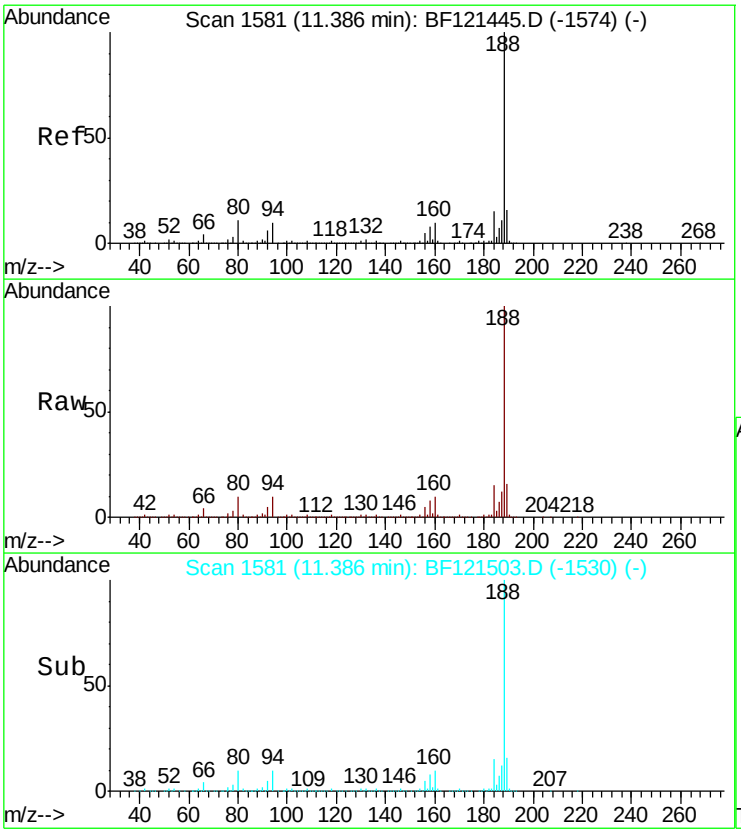
#62
4-Nitroaniline
Concen: 4.647 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:138 Resp: 1028

Ion	Ratio	Lower	Upper
138	100		
92	125.0	33.2	73.2#
108	174.6	53.6	93.6#

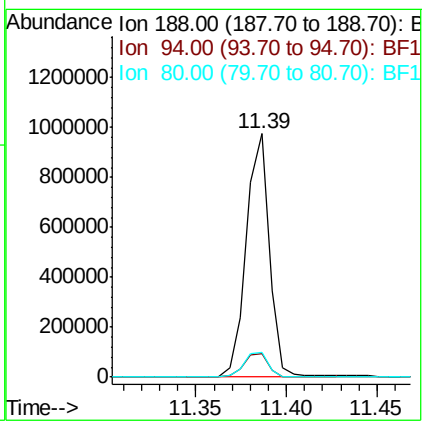


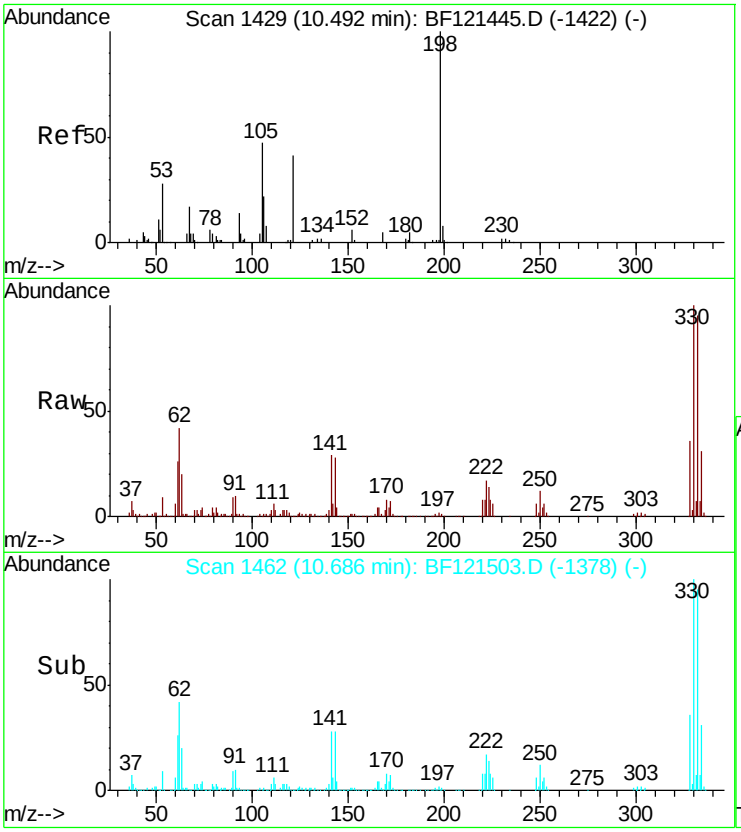


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:188 Resp: 866970

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	10.1	8.6	13.0



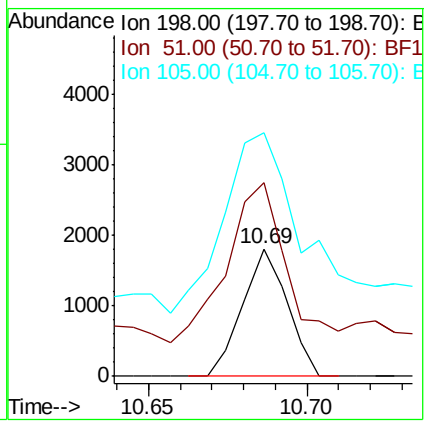


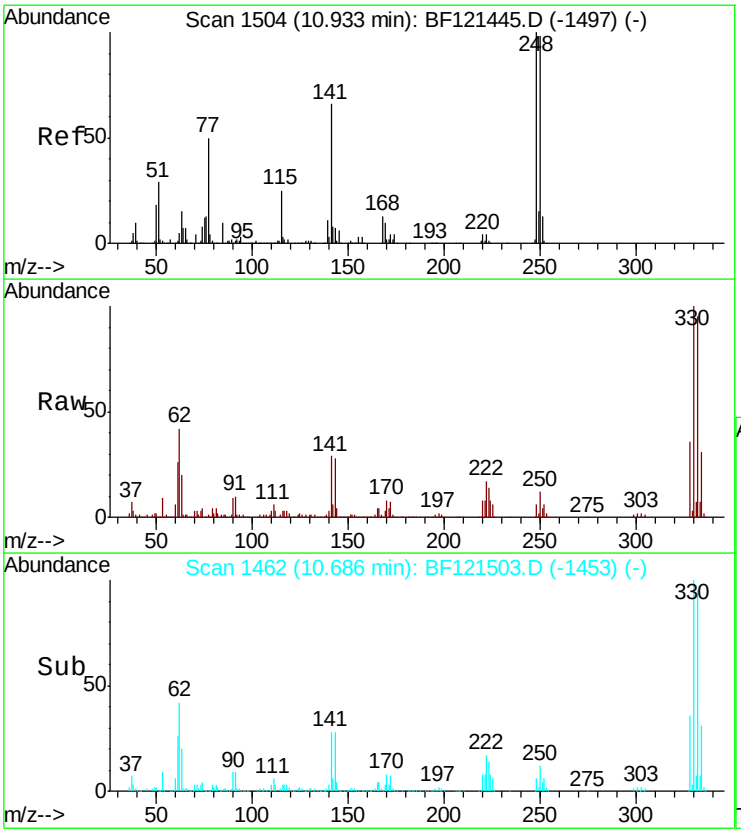
#65
4,6-Dinitro-2-methylphenol
Concen: 6.621 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:198 Resp: 1775

Ion	Ratio	Lower	Upper
198	100		
51	151.7	29.0	69.0#
105	191.2	29.1	69.1#

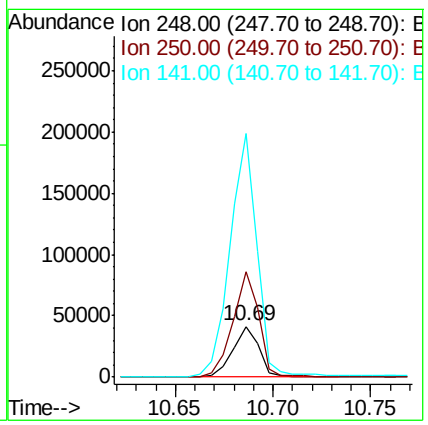


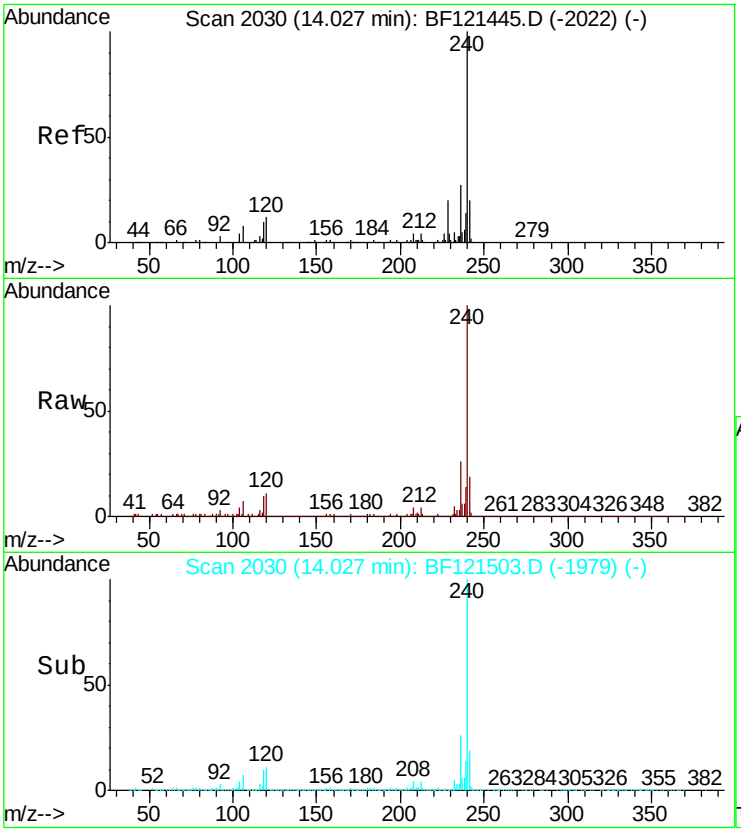


#67
4-Bromophenyl-phenylether
Concen: 4.049 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:248 Resp: 38618

Ion	Ratio	Lower	Upper
248	100		
250	210.2	78.7	118.1#
141	483.7	52.6	78.8#



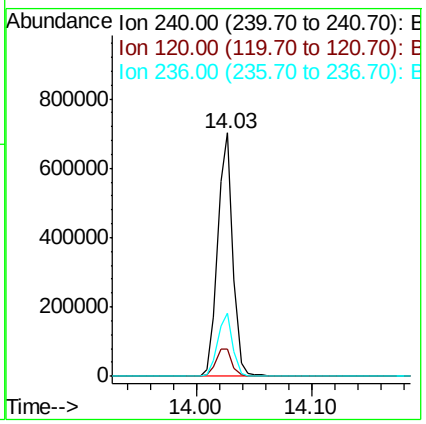


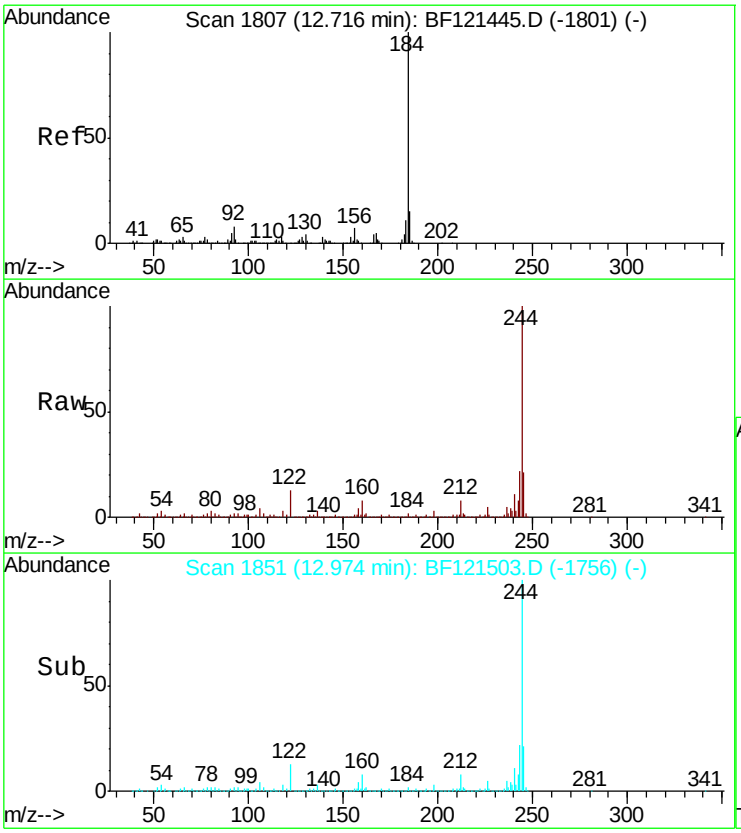
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:240 Resp: 636805

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.7	21.8	32.6

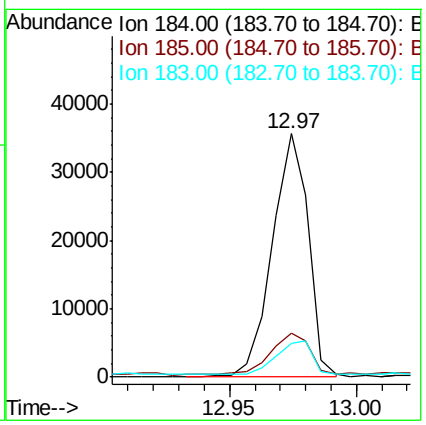


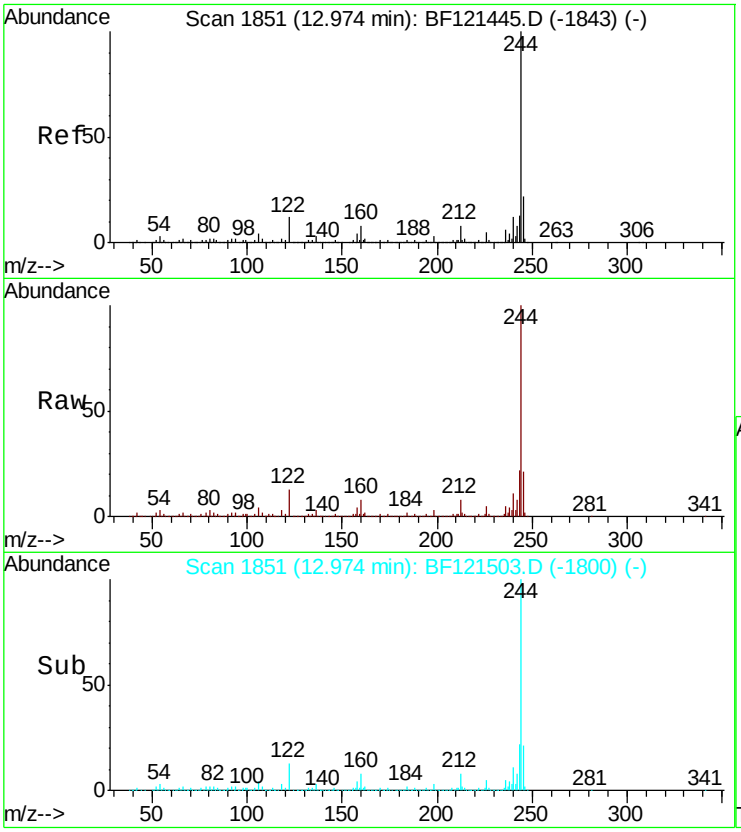


#77
Benzidine
Concen: 2.557 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.26 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:184 Resp: 35514

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.1	18.1
183	14.0	8.9	13.3#



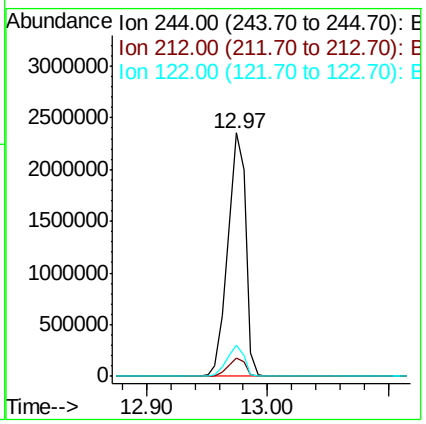


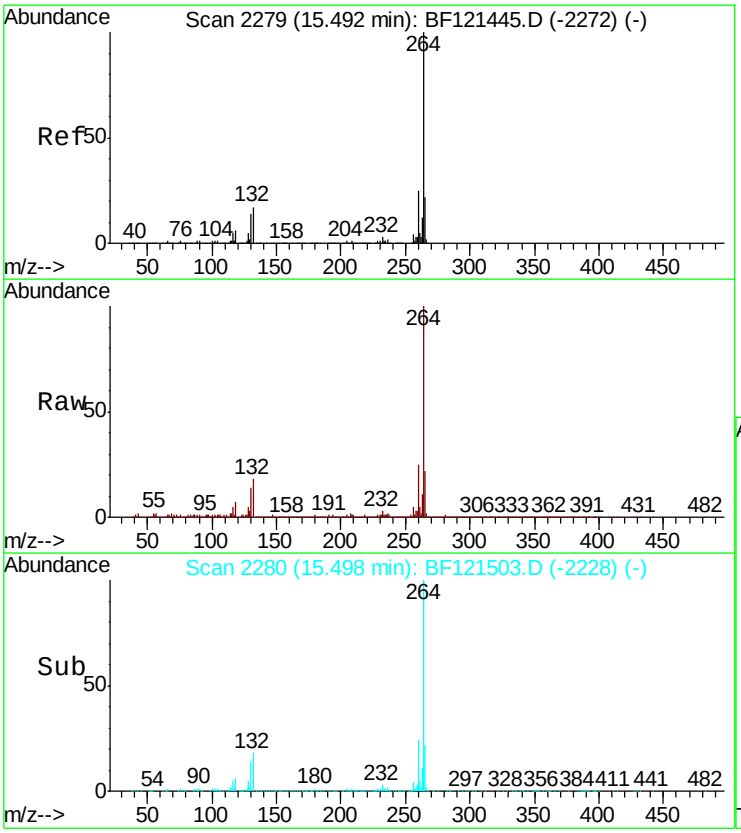
#79
Terphenyl-d14
Concen: 80.094 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Instrument :
BNA_F
ClientSampleId :
251378

Tgt Ion:244 Resp: 2423061

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	12.6	9.5	14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF121503.D
Acq: 1 Sep 2020 18:37

Tgt Ion:264 Resp: 677831

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.0	17.8	26.6