Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121502.D
Acq On : 1 Sep 2020 18:06
Operator : JU/CG
Sample : L3852-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24179

Quant Time: Sep 01 19:01:03 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	265581	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1007959	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	509783	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	877133	20.00	ng	0.00
76) Chrysene-d12	14.03	240	621405	20.00	ng	0.00
86) Perylene-d12	15.50	264	668434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1499506	94.73	ng	0.00
7) Phenol-d6	6.48	99	1775105	80.24	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1475079	100.05	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	636173	123.55	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2524470	79.90	ng	0.00
79) Terphenyl-d14	12.97	244	2342381	79.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	377	Below Cal	#	79
19) n-Nitroso-di-n-propylamine	7.42	70	195044	15.777	ng	# 78
25) Isophorone	7.42	82	1457245	43.943	ng	# 64
26) 2-Nitrophenol	7.67	139	631	4.882	ng	# 36
32) Benzoic acid	7.87	122	4084	7.271	ng	96
48) 2-Nitroaniline	9.41	65	539	6.700	ng	# 50
51) 2,6-Dinitrotoluene	9.90	165	67255	15.296	ng	# 25
53) 3-Nitroaniline	9.87	138	1743	5.637	ng	# 14
54) 2,4-Dinitrophenol	9.92	184	119	Below Cal	#	1
56) 4-Nitrophenol	9.97	139	586	7.935	ng	# 1
57) 2,4-Dinitrotoluene	9.90	165	67255	14.339	ng	# 22
62) 4-Nitroaniline	10.45	138	2259	4.774	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.52	198	313	5.599	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	36767	3.810	ng	# 1
77) Benzidine	12.97	184	34232	2.526	ng	# 85

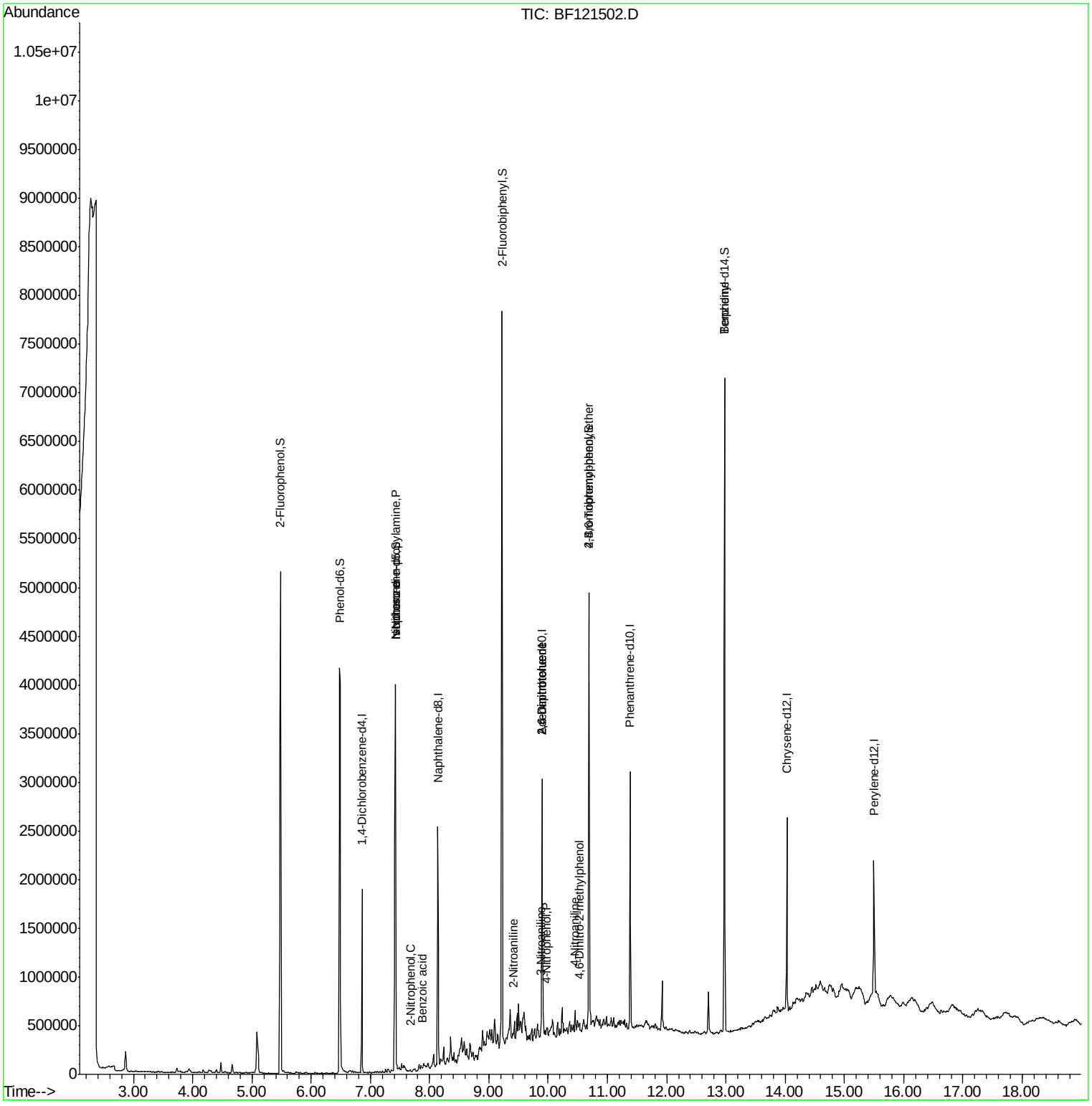
(#) = qualifier out of range (m) = manual integration (+) = signals summed

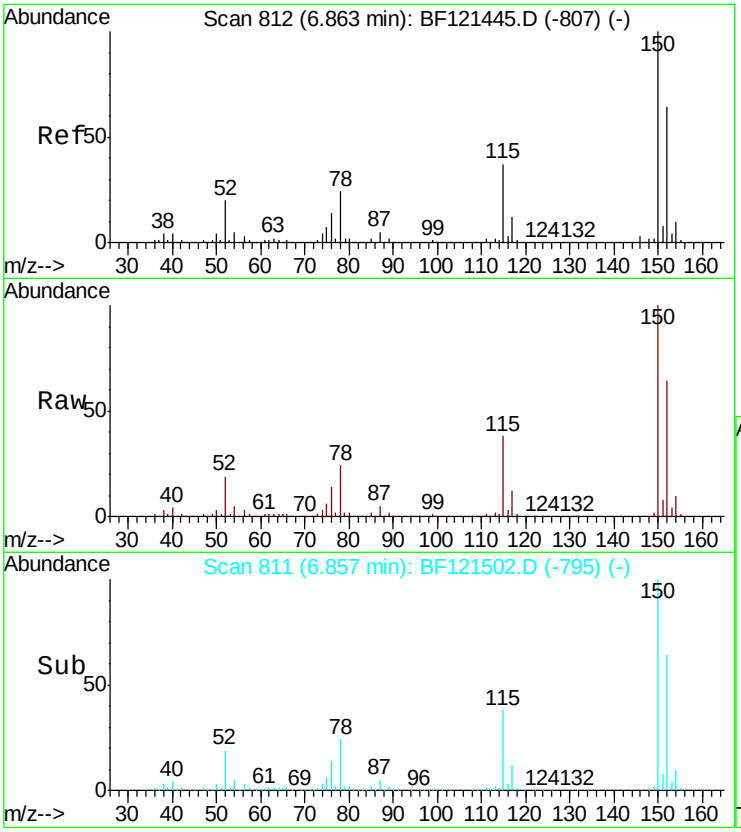
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121502.D
Acq On : 1 Sep 2020 18:06
Operator : JU/CG
Sample : L3852-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 24179

Quant Time: Sep 01 19:01:03 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



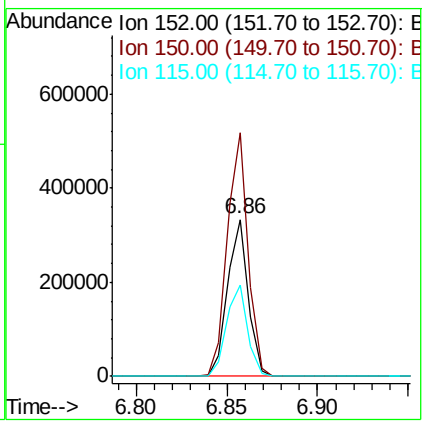


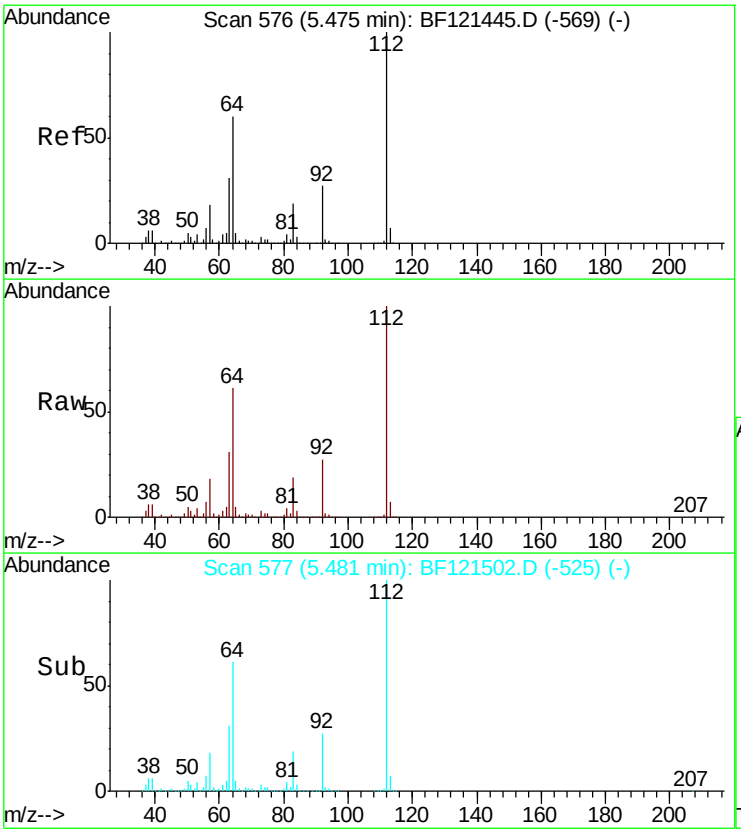
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:152 Resp: 265581

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.8	188.6
115	58.3	46.6	69.8

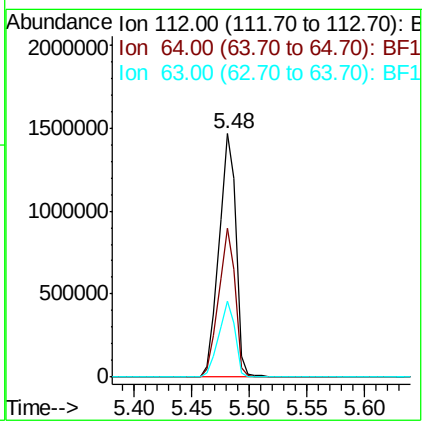


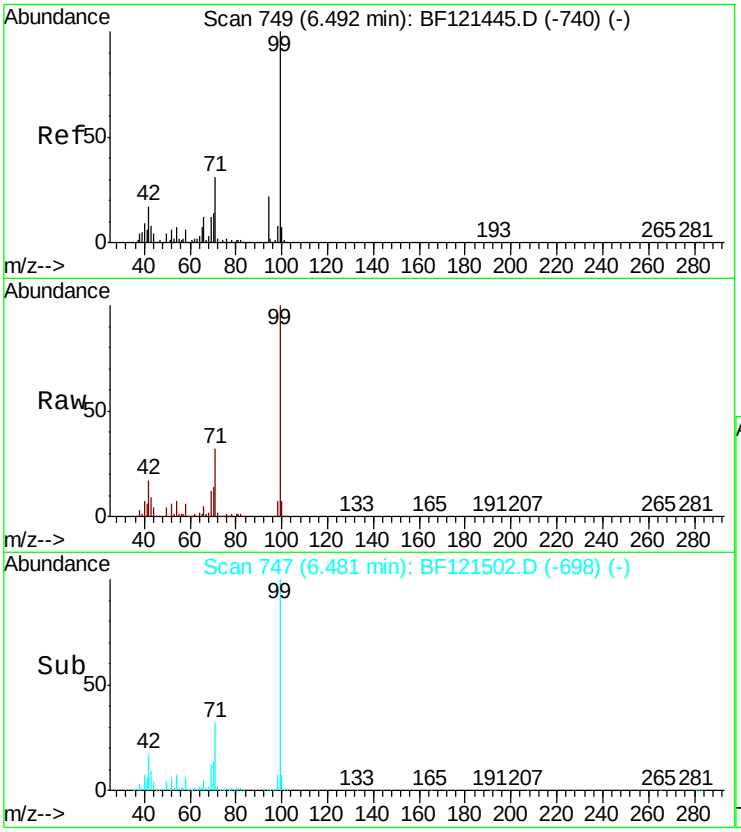


#5
2-Fluorophenol
Concen: 94.728 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:112 Resp: 1499506

Ion	Ratio	Lower	Upper
112	100		
64	61.3	48.2	72.2
63	31.2	24.8	37.2



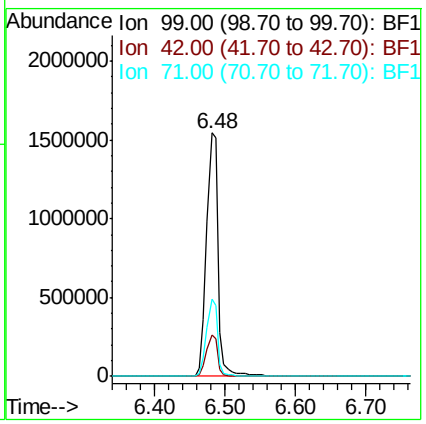


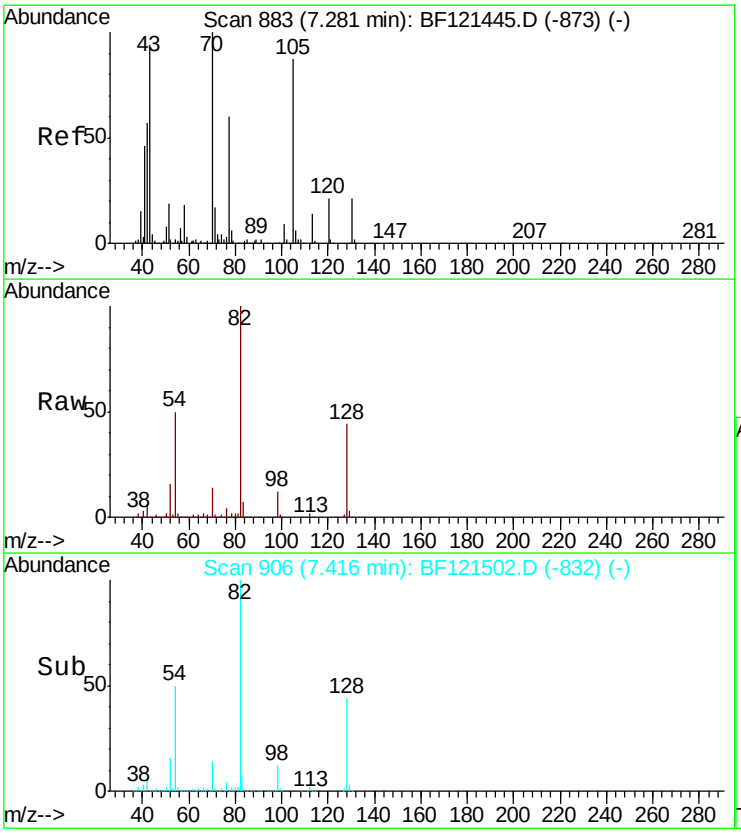
#7
Phenol-d6
Concen: 80.244 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion: 99 Resp: 1775105

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	31.8	24.6	37.0

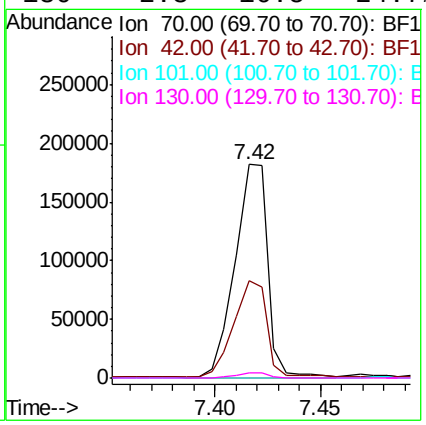


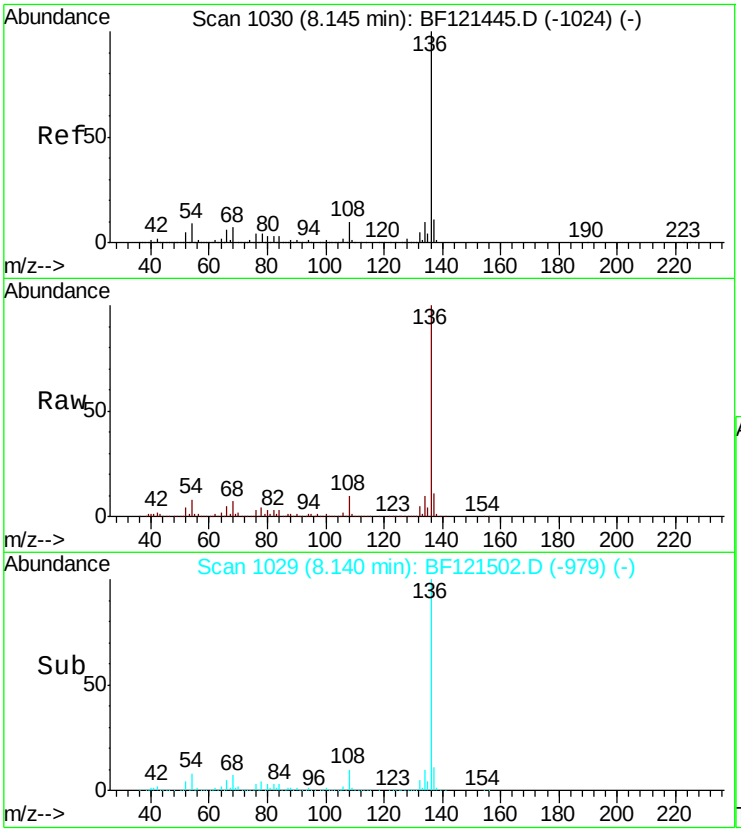


#19
n-Nitroso-di-n-propylamine
Concen: 15.777 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion: 70 Resp: 195044

Ion	Ratio	Lower	Upper
70	100		
42	45.7	45.8	68.6#
101	0.0	7.5	11.3#
130	2.3	16.5	24.7#



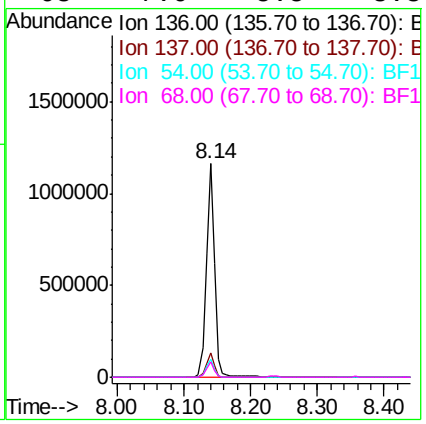


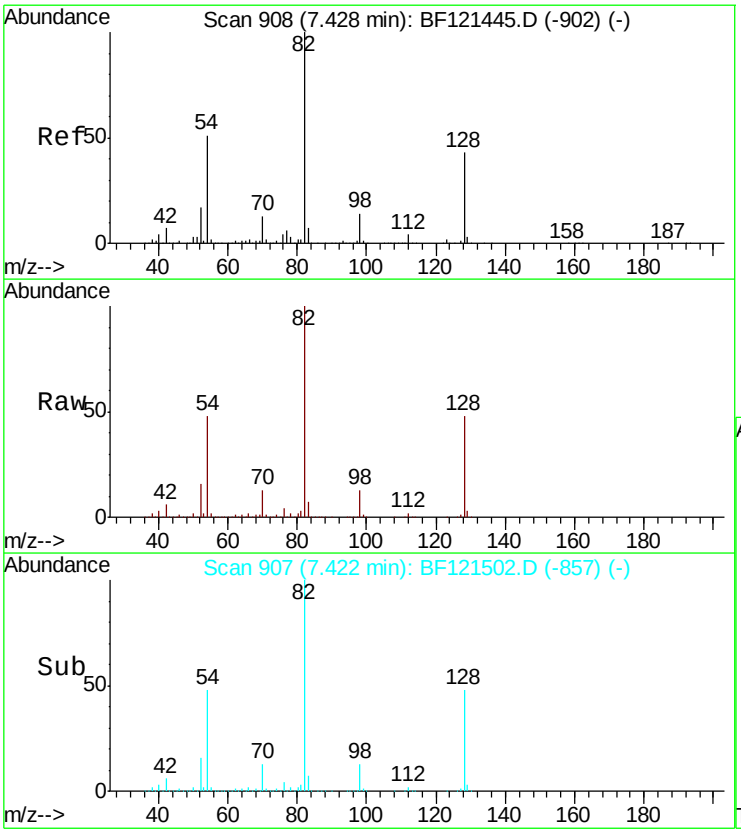
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:136 Resp: 1007959

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

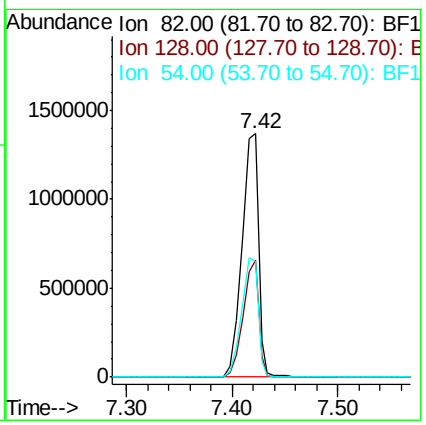


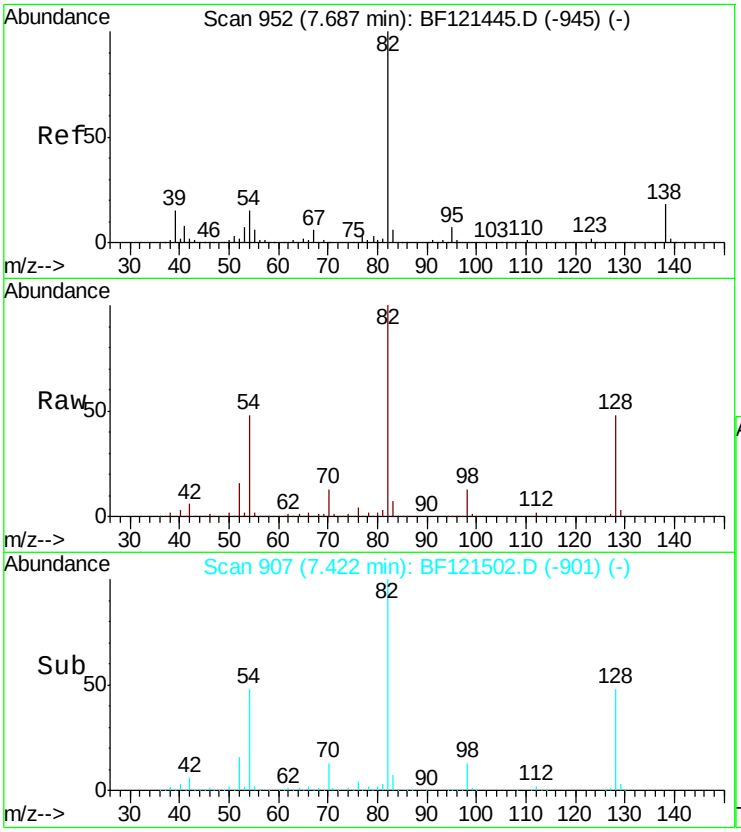


#23
Nitrobenzene-d5
Concen: 100.048 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion: 82 Resp: 1475079

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.1	51.1
54	47.7	41.0	61.6



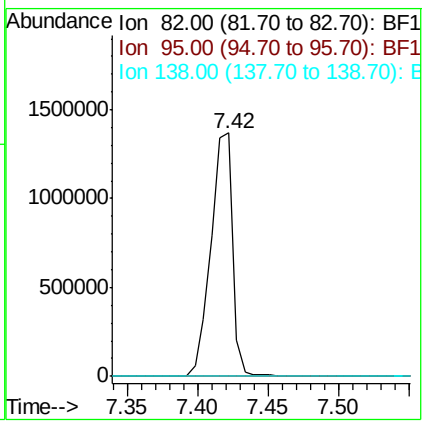


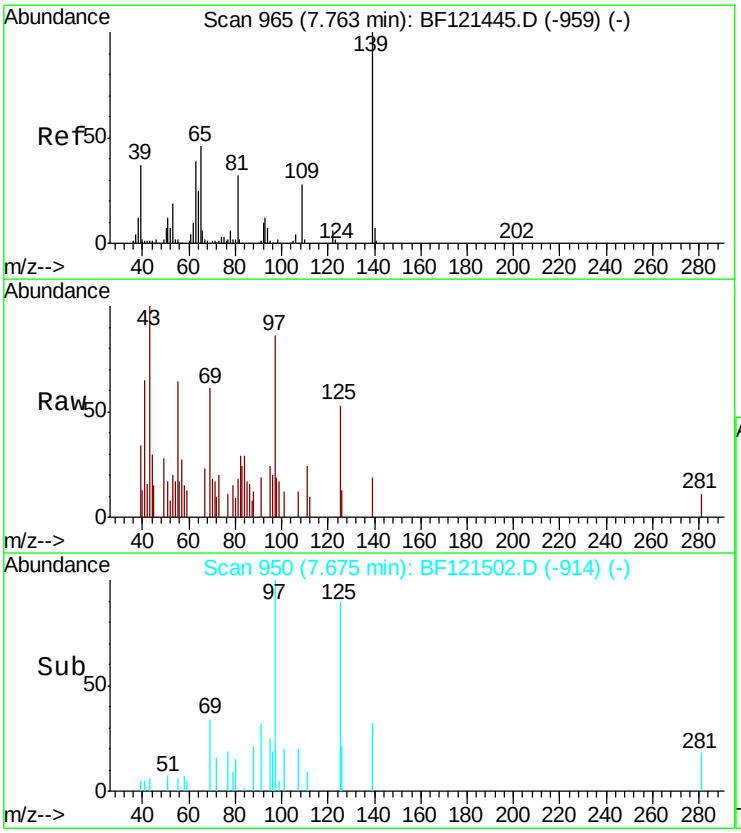
#25
Isophorone
Concen: 43.943 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion: 82 Resp: 1457245

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

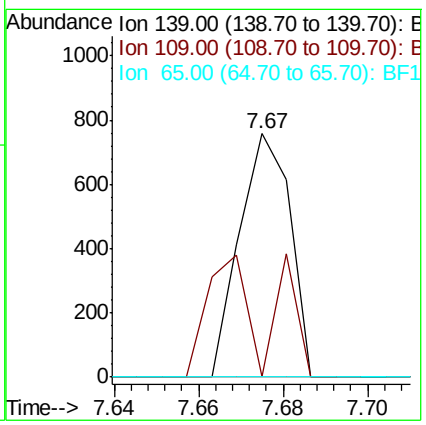


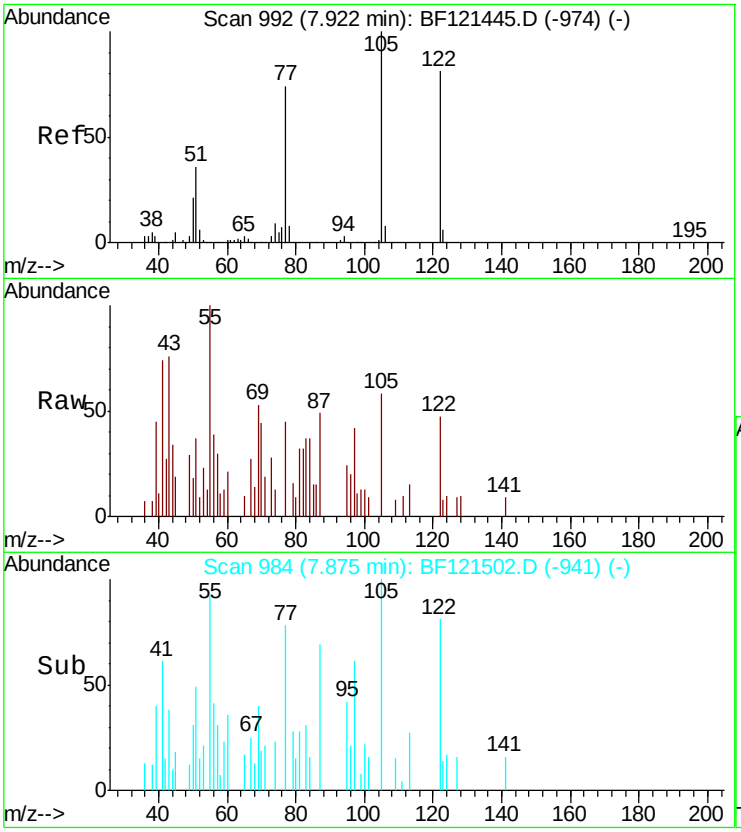


#26
2-Nitrophenol
Concen: 4.882 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.09 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:139 Resp: 631

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.1	33.1#
65	0.0	37.2	55.8#



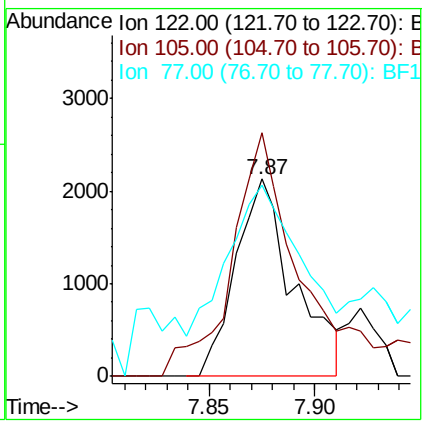


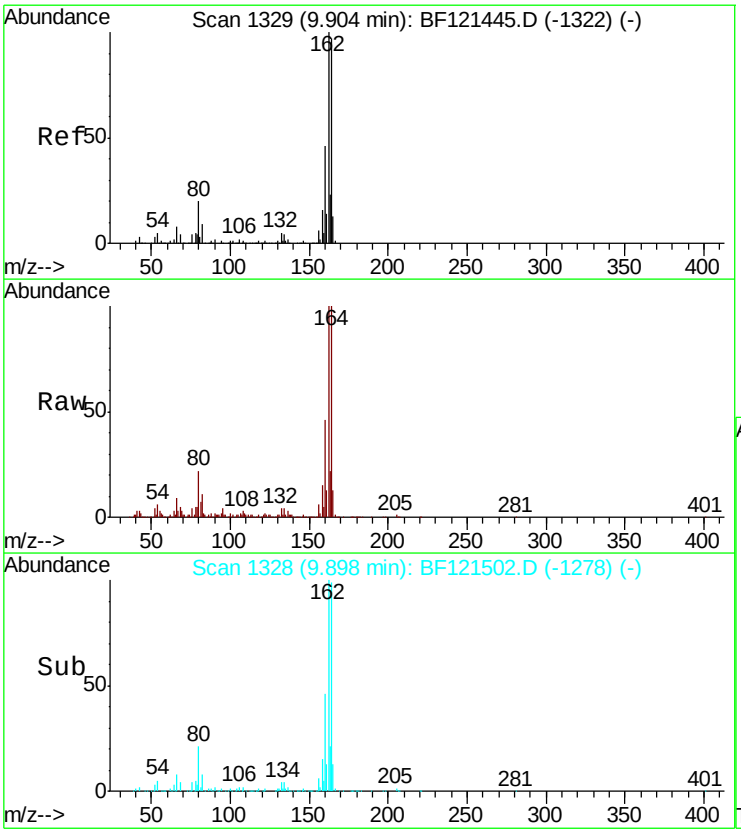
#32
Benzoic acid
Concen: 7.271 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:122 Resp: 4084

Ion	Ratio	Lower	Upper
122	100		
105	123.4	100.8	140.8
77	96.7	71.5	111.5

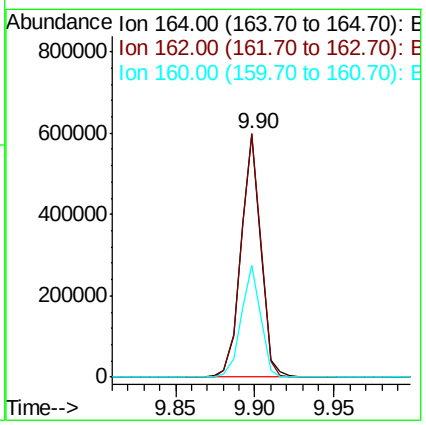


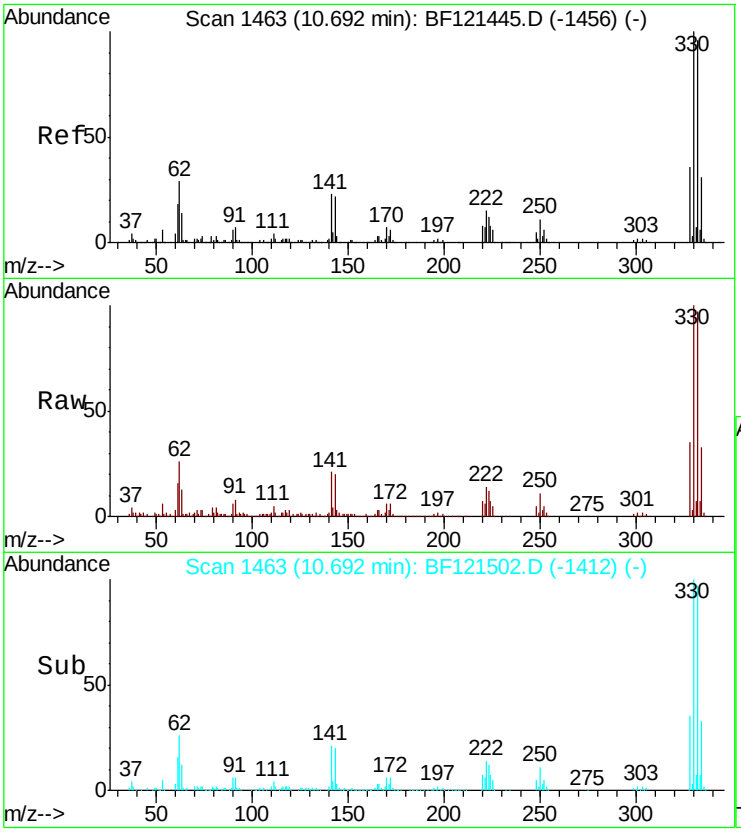


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:164 Resp: 509783

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.4	123.6
160	46.0	37.6	56.4



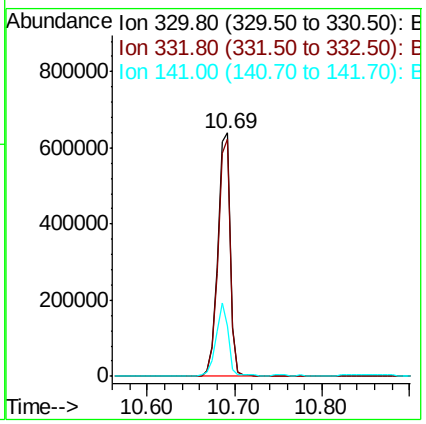


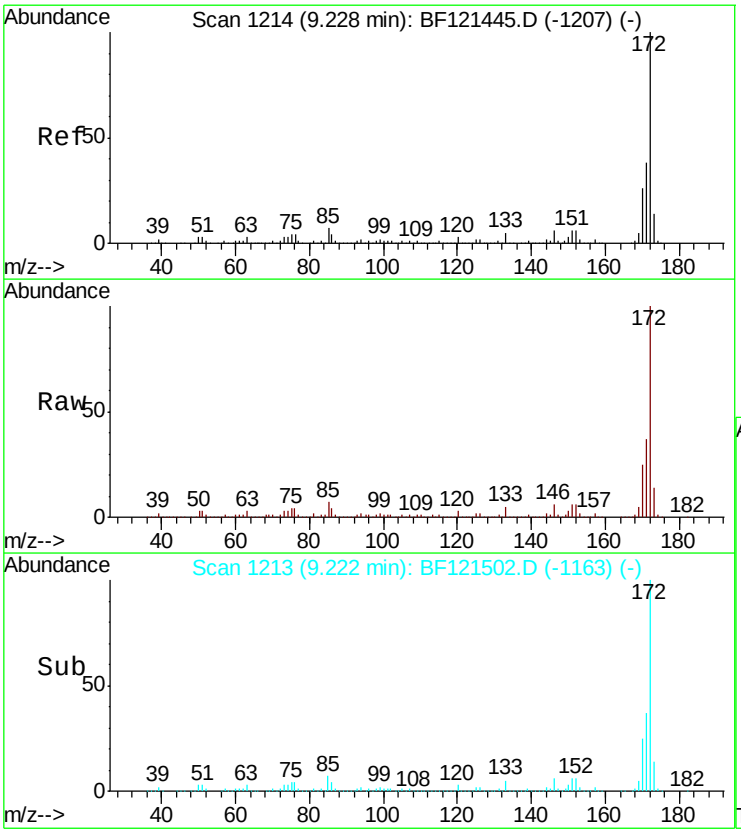
#42
2,4,6-Tribromophenol
Concen: 123.551 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:330 Resp: 636173

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.2
141	28.3	24.6	36.8

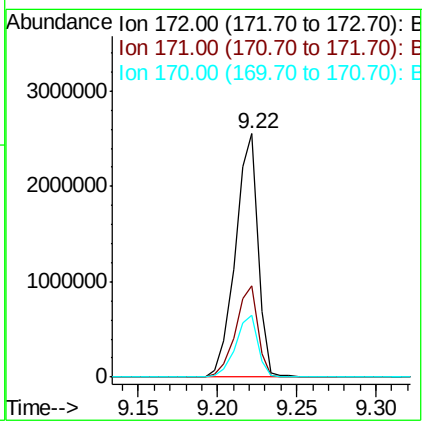


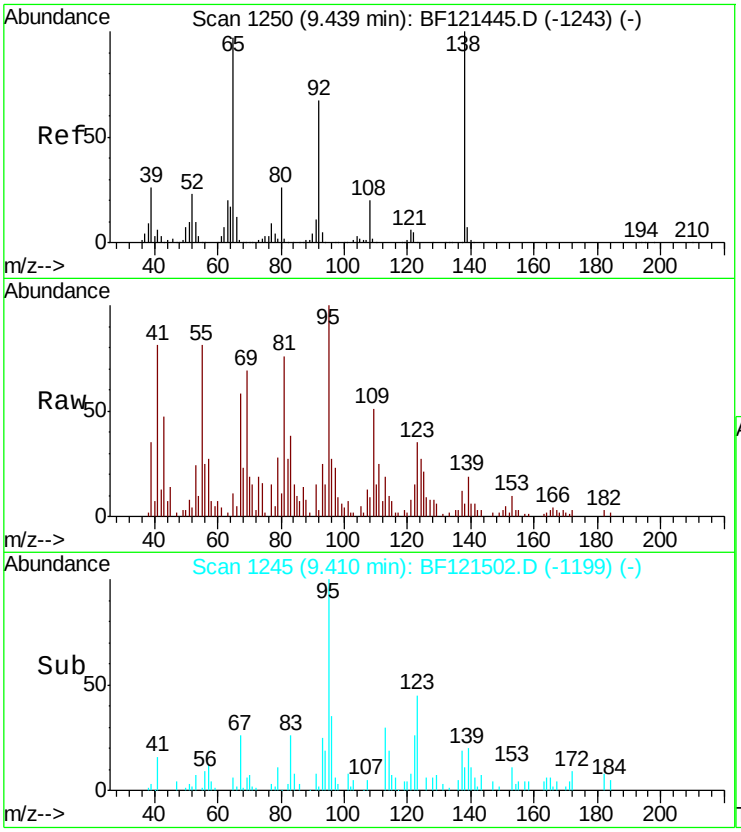


#45
2-Fluorobiphenyl
Concen: 79.903 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:172 Resp: 2524470

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	45.8
170	25.3	20.6	31.0



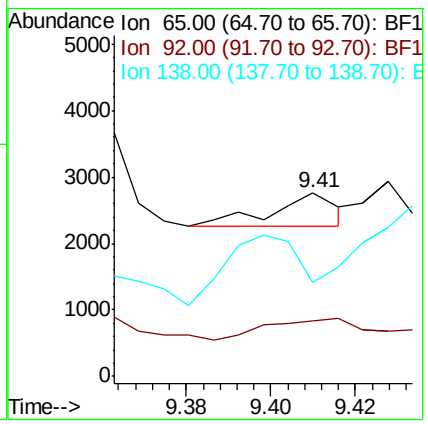


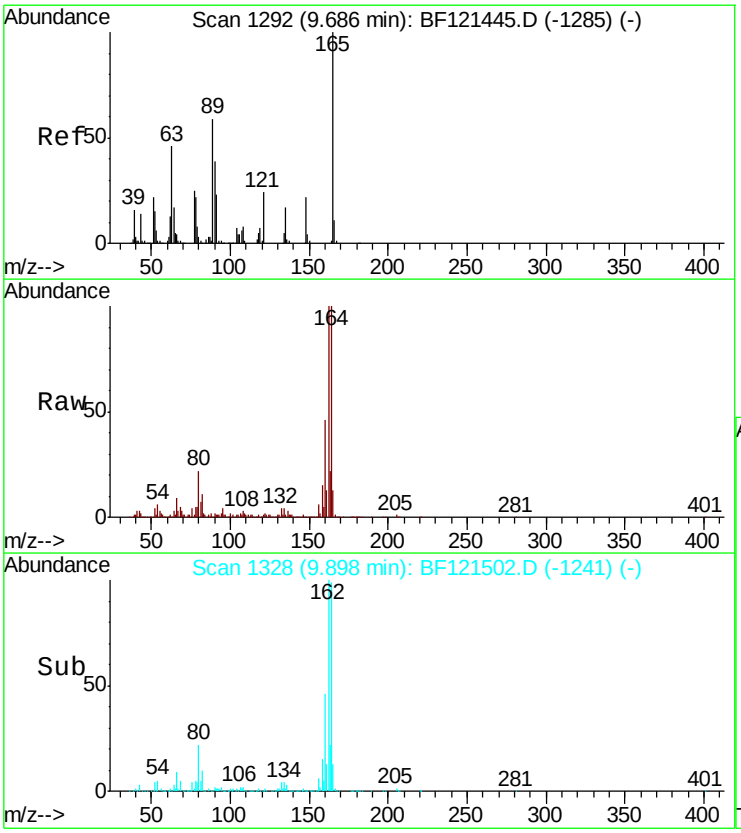
#48
2-Nitroaniline
Concen: 6.700 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.03 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion: 65 Resp: 539

Ion	Ratio	Lower	Upper
65	100		
92	30.1	55.6	83.4#
138	51.2	82.9	124.3#

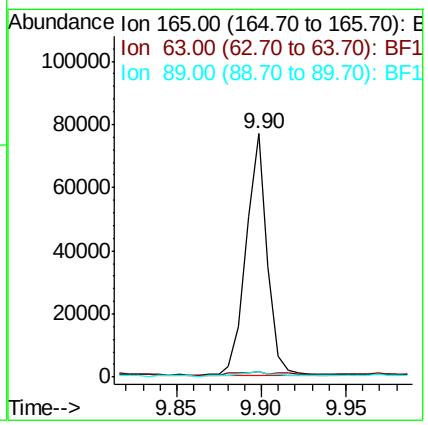


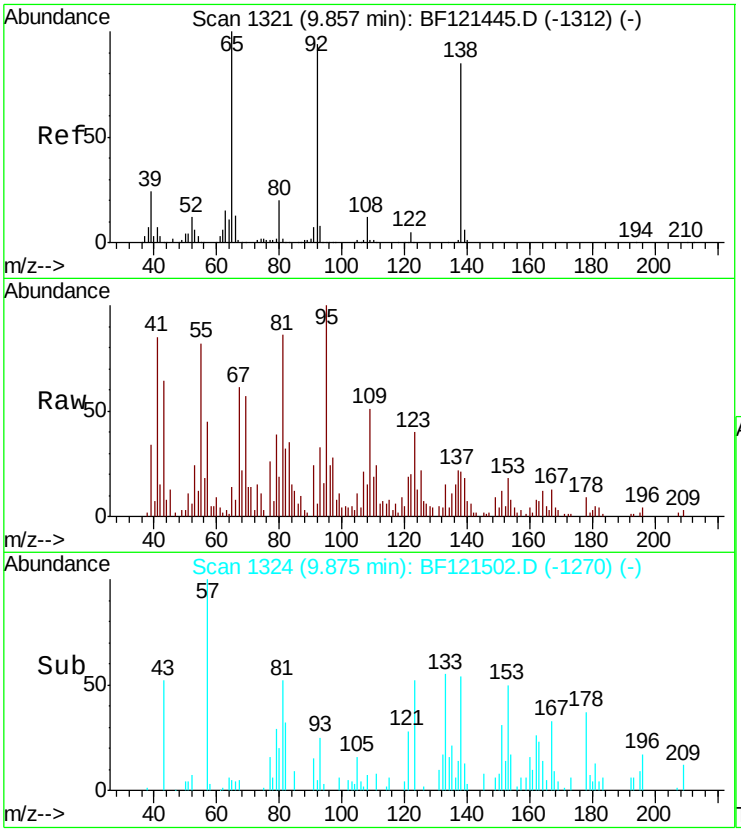


#51
2,6-Dinitrotoluene
Concen: 15.296 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:165 Resp: 67255

Ion	Ratio	Lower	Upper
165	100		
63	2.1	43.6	65.4#
89	2.0	47.4	71.2#



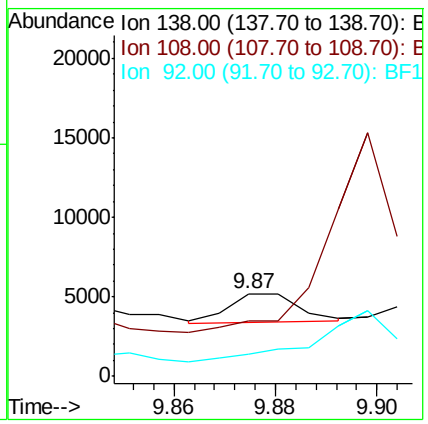


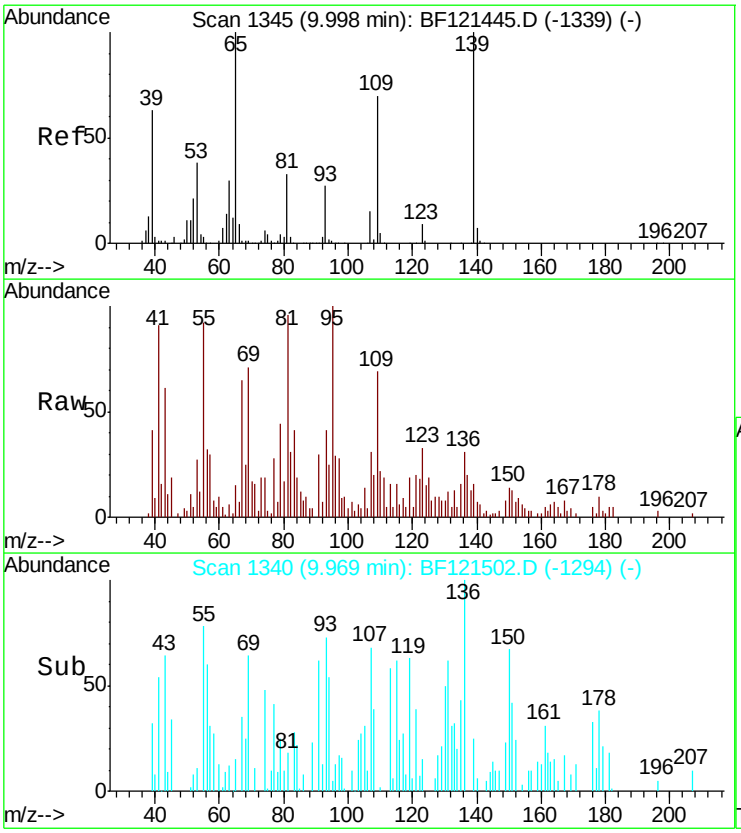
#53
3-Nitroaniline
Concen: 5.637 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:138 Resp: 1743

Ion	Ratio	Lower	Upper
138	100		
108	67.9	11.6	17.4#
92	26.1	88.6	132.8#

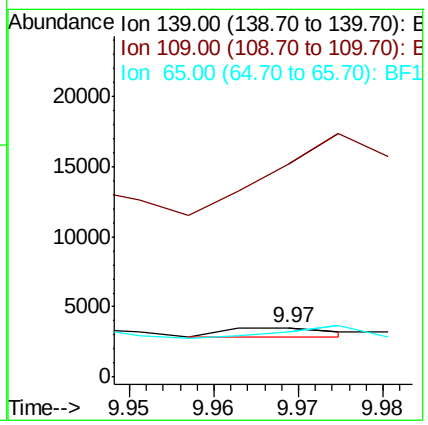


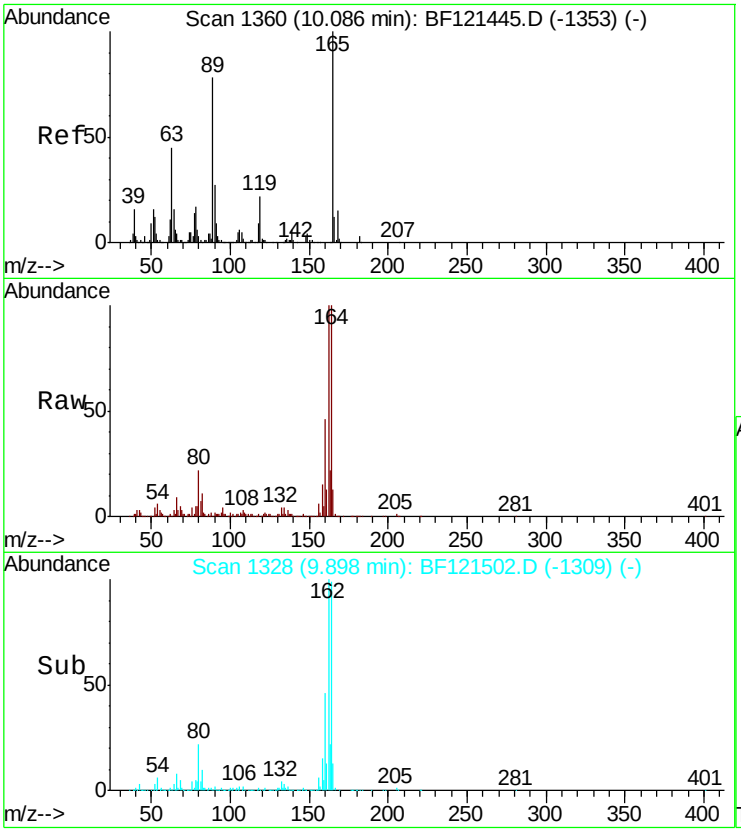


#56
4-Nitrophenol
Concen: 7.935 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:139 Resp: 586

Ion	Ratio	Lower	Upper
139	100		
109	431.6	50.5	90.5#
65	91.2	80.2	120.2



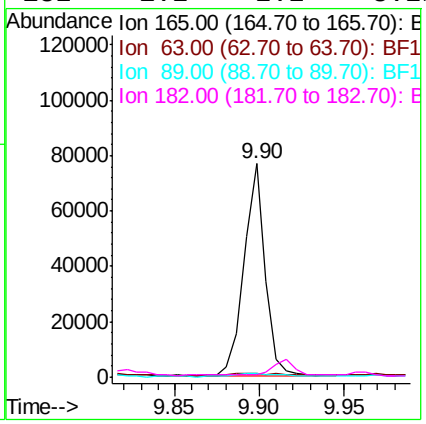


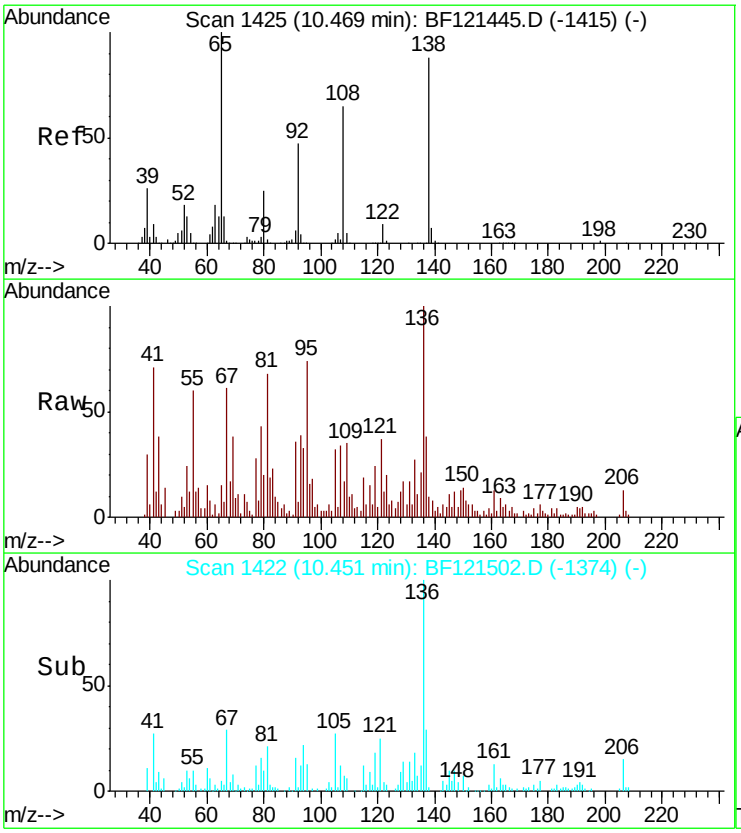
#57
2,4-Dinitrotoluene
Concen: 14.339 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:165 Resp: 67255

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.0	54.0#
89	2.0	62.6	93.8#
182	1.2	2.2	3.2#

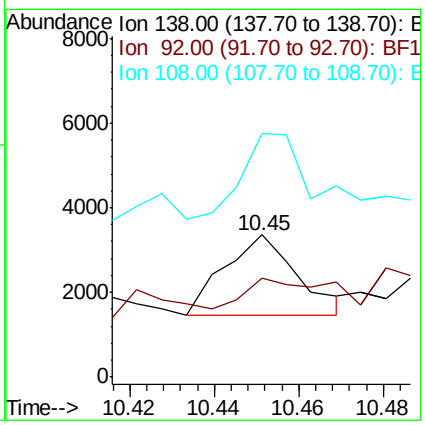


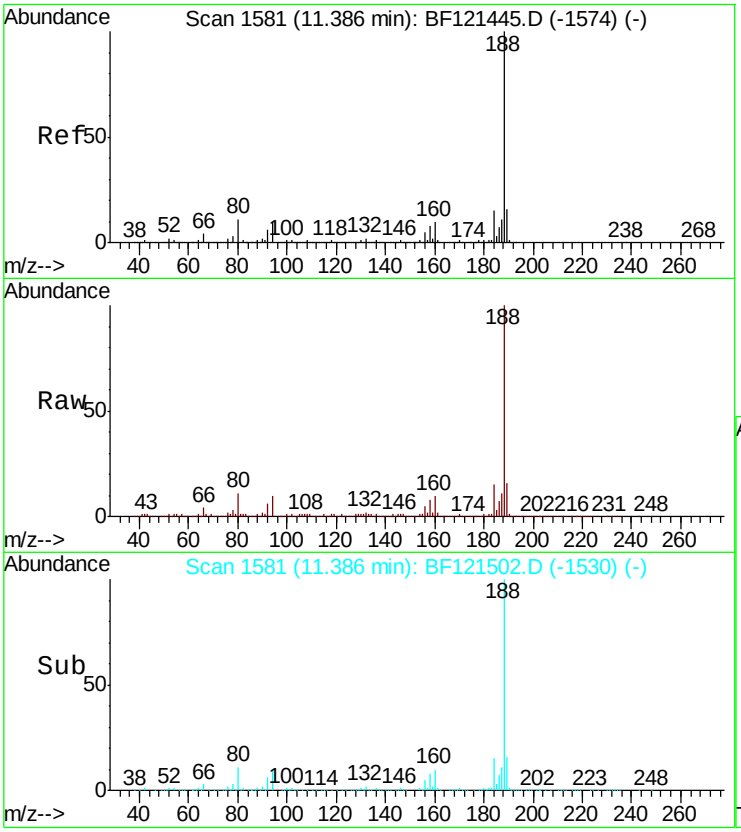


#62
4-Nitroaniline
Concen: 4.774 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:138 Resp: 2259

Ion	Ratio	Lower	Upper
138	100		
92	70.0	33.2	73.2
108	171.5	53.6	93.6#



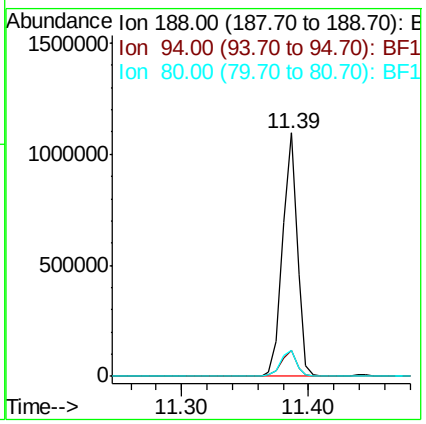


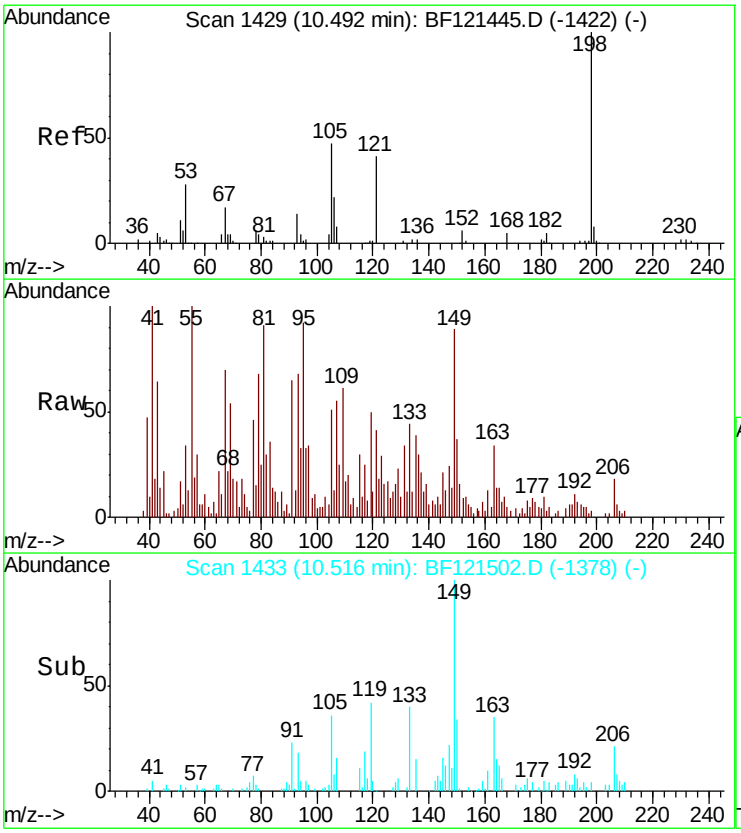
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:188 Resp: 877133

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	10.8	8.6	13.0

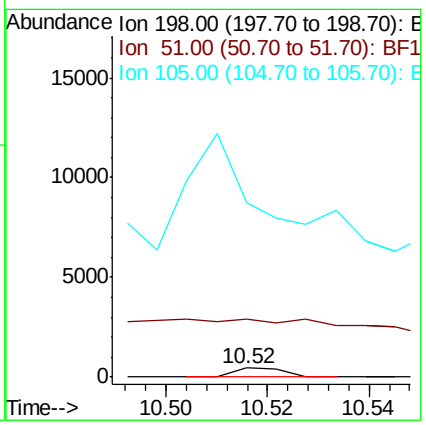


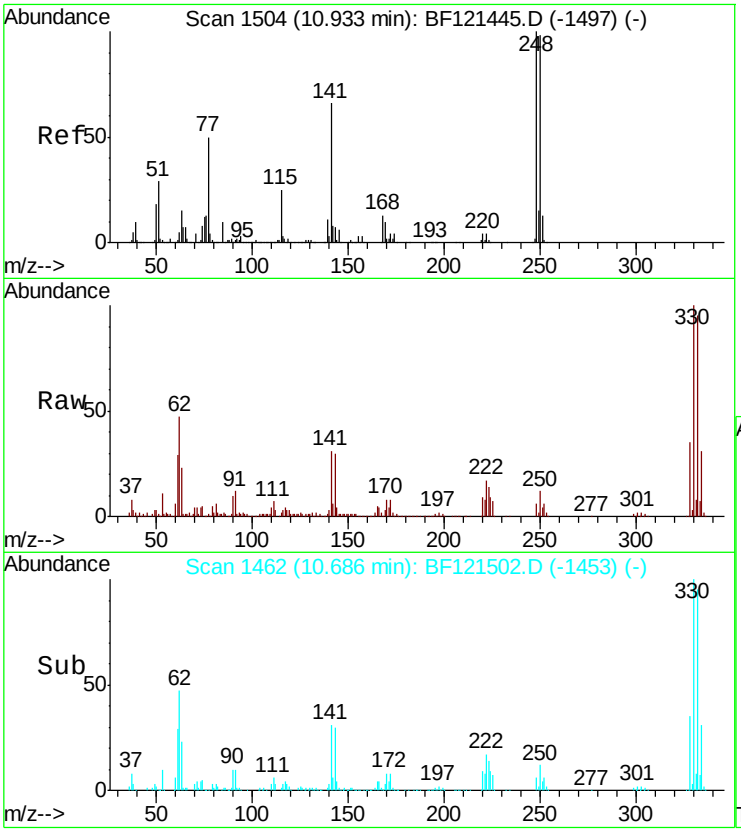


#65
4,6-Dinitro-2-methylphenol
Concen: 5.599 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.02 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:198 Resp: 313

Ion	Ratio	Lower	Upper
198	100		
51	631.1	29.0	69.0#
105	1910.3	29.1	69.1#



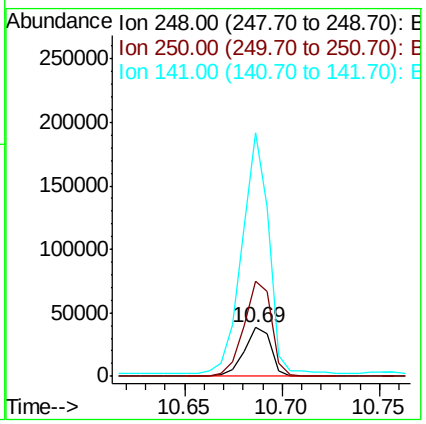


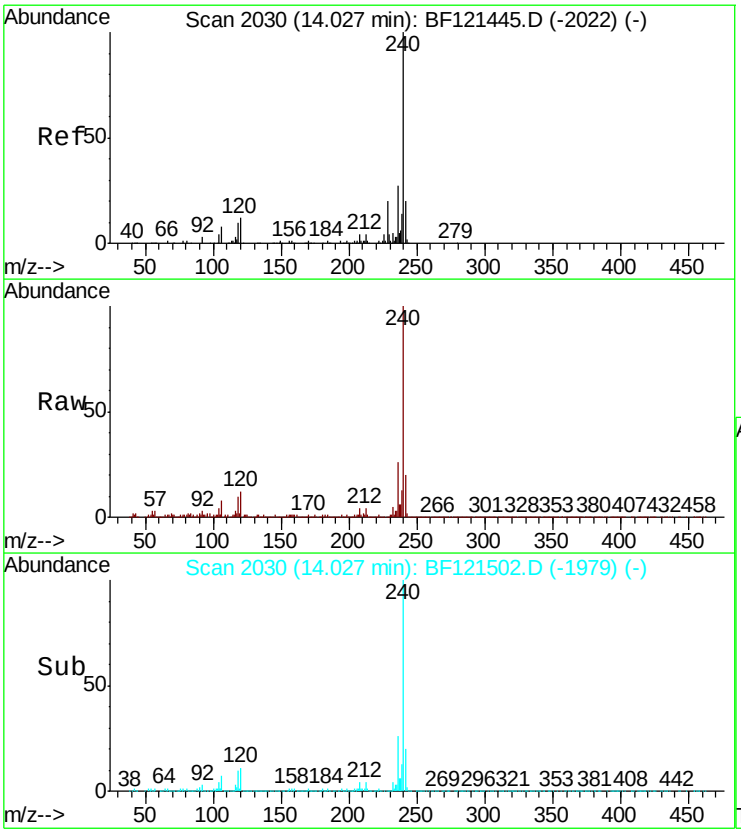
#67
4-Bromophenyl-phenylether
Concen: 3.810 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:248 Resp: 36767

Ion	Ratio	Lower	Upper
248	100		
250	194.2	78.7	118.1#
141	499.2	52.6	78.8#

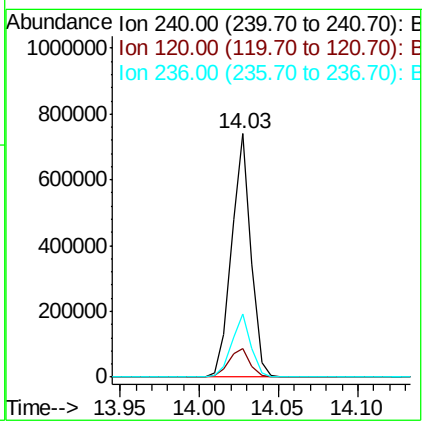


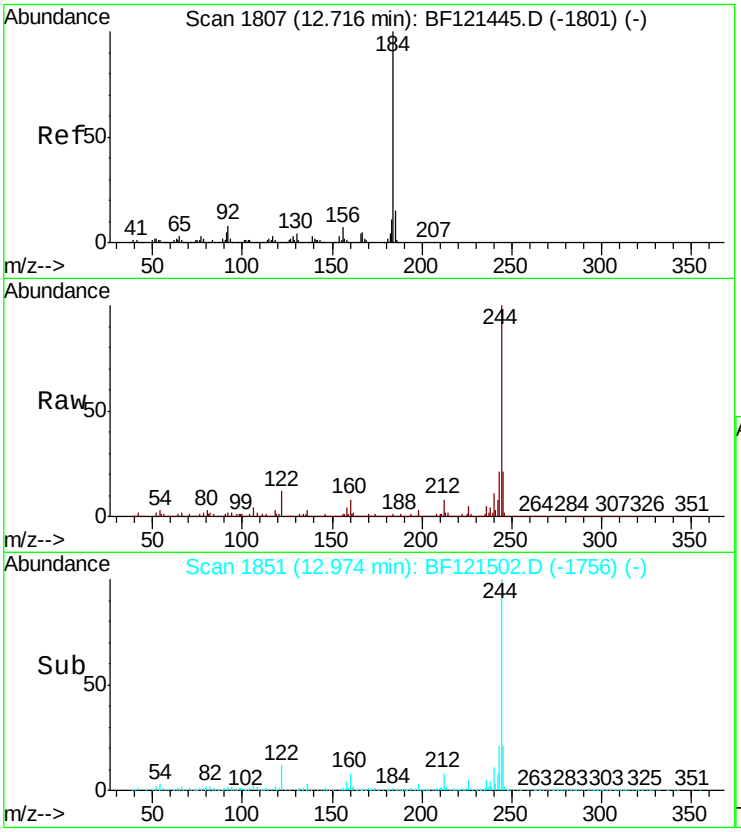


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:240 Resp: 621405

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.1	21.8	32.6



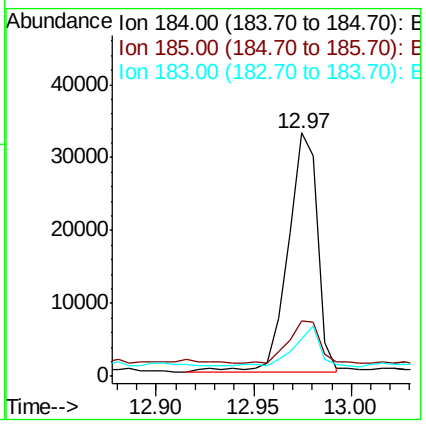


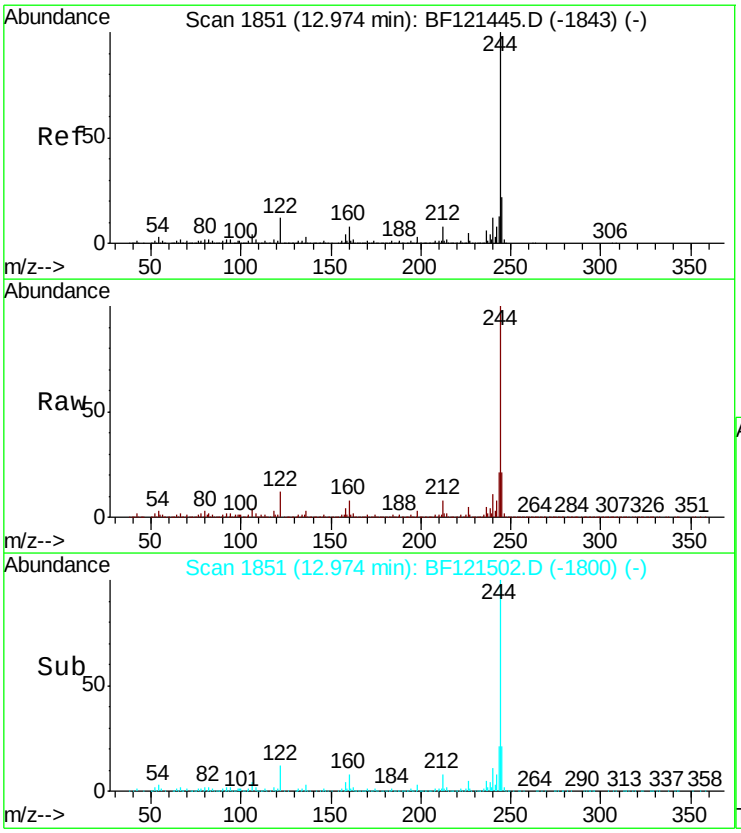
#77
Benzidine
Concen: 2.526 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.26 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:184 Resp: 34232

Ion	Ratio	Lower	Upper
184	100		
185	23.0	12.1	18.1#
183	15.2	8.9	13.3#

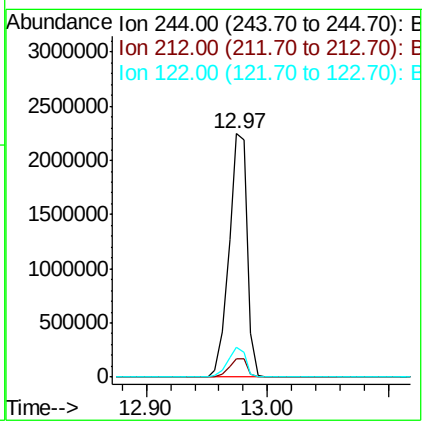


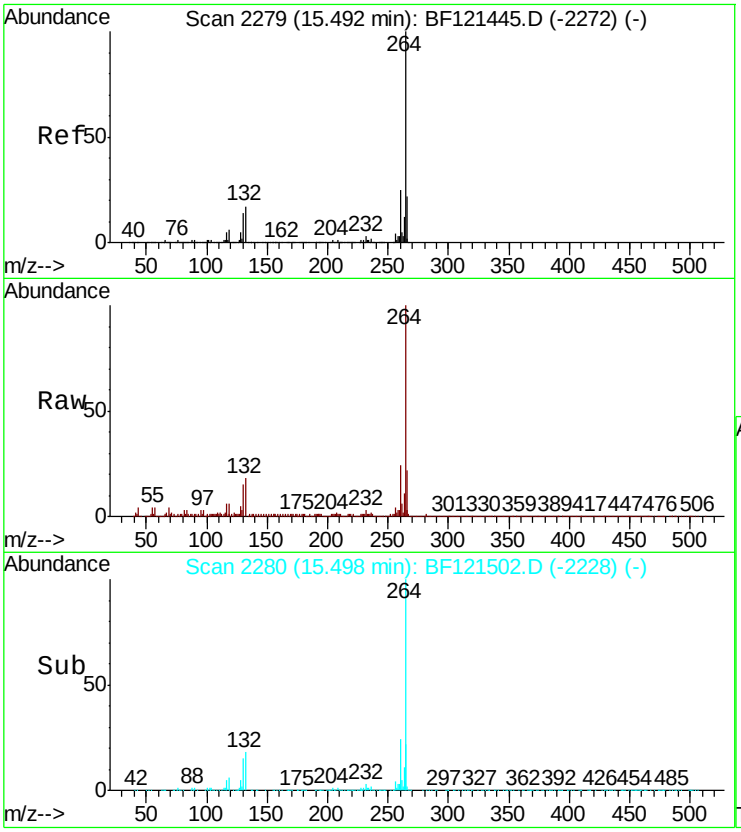


#79
Terphenyl-d14
Concen: 79.346 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF121502.D
Acq: 1 Sep 2020 18:06

Tgt Ion:244 Resp: 2342381

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	12.5	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: BF121502.D
Acq: 1 Sep 2020 18:06

Instrument :
BNA_F
ClientSampleId :
24179

Tgt Ion:264 Resp: 668434

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.3	17.8	26.6