Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120768.D
Acq On : 6 Jul 2020 9:59
Operator : JU/CG
Sample : PB129807BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129807BL

Quant Time: Jul 06 11:08:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	175656	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	662335	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	330185	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	611553	20.00	ng	0.00
76) Chrysene-d12	14.00	240	470345	20.00	ng	0.00
86) Perylene-d12	15.47	264	415645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1245722	109.47	ng	0.00
7) Phenol-d6	6.47	99	1538351	105.86	ng	0.00
23) Nitrobenzene-d5	7.41	82	959349	83.92	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	386276	116.45	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1678443	76.91	ng	0.00
79) Terphenyl-d14	12.96	244	1907301	79.39	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	130172	14.877	ng	# 79
25) Isophorone	7.41	82	959328	38.912	ng	# 64
48) 2-Nitroaniline	9.21	65	2671	3.015	ng	# 1
51) 2,6-Dinitrotoluene	9.89	165	43356	10.905	ng	# 17
57) 2,4-Dinitrotoluene	9.89	165	43356	9.880	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.67	198	941	7.320	ng	# 4
67) 4-Bromophenyl-phenylether	10.67	248	22850	3.221	ng	# 1
77) Benzidine	12.96	184	27743	2.090	ng	# 94

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

Quantitation Report (Not Reviewed)

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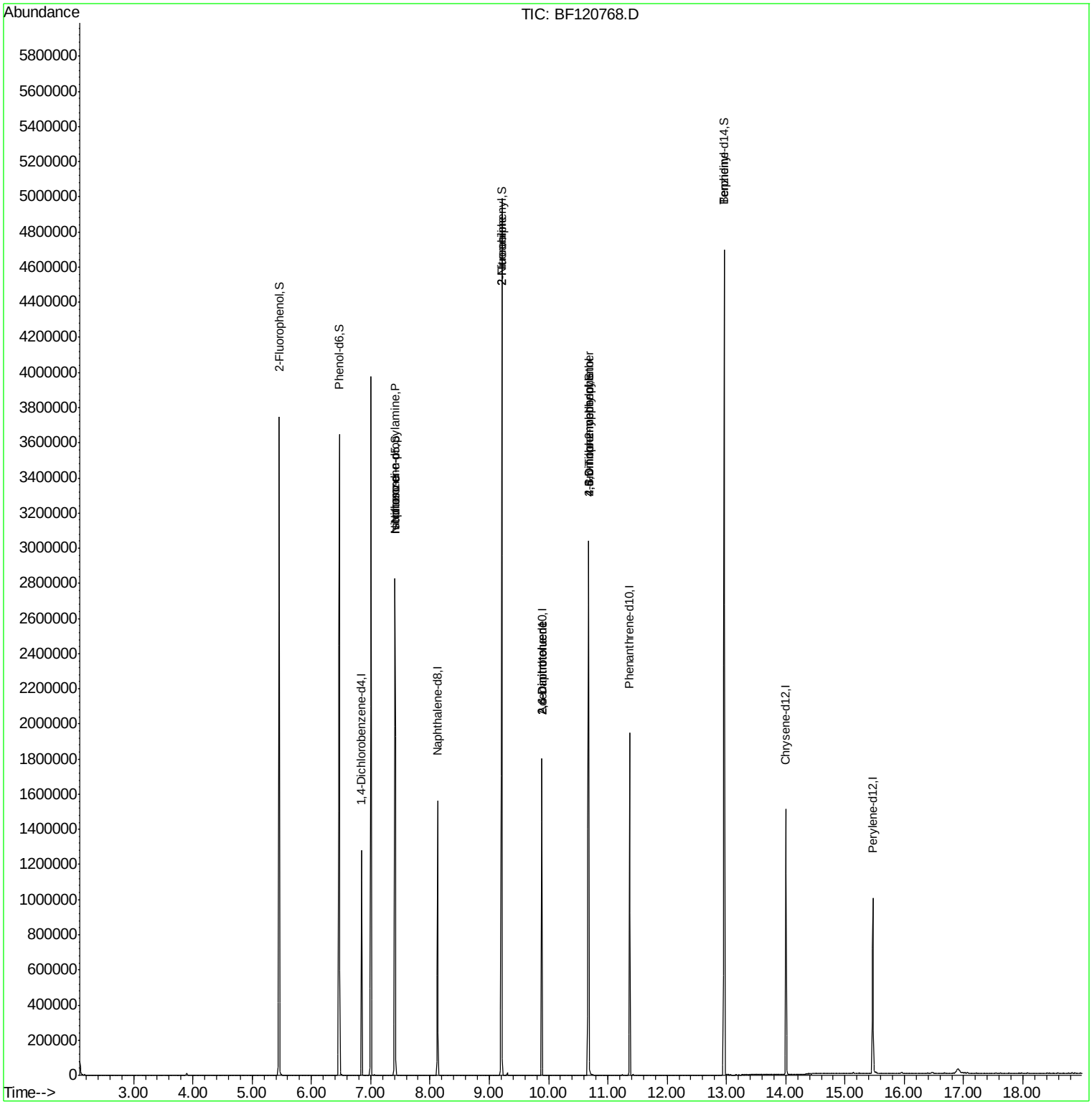
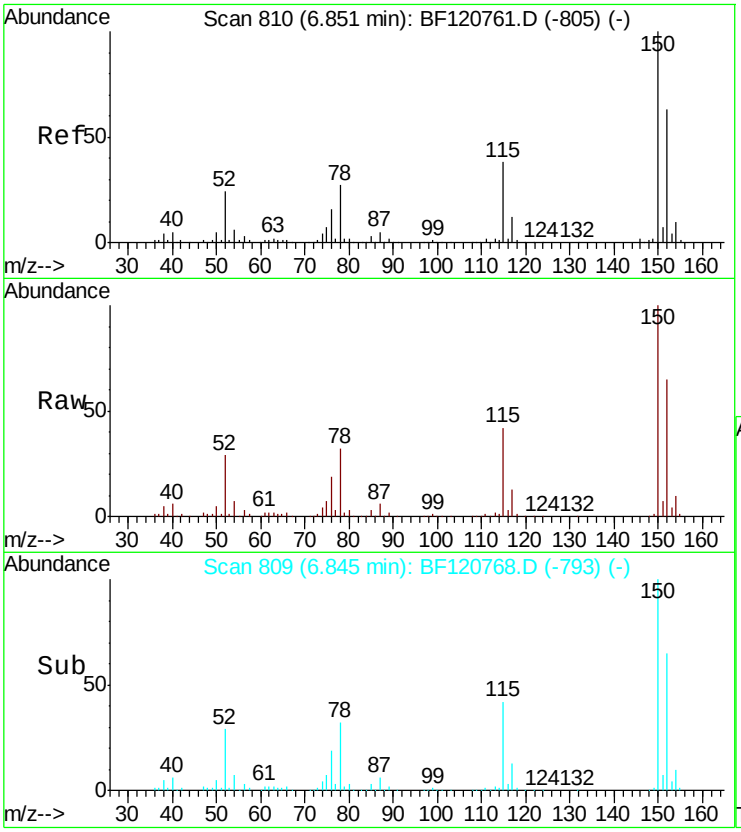
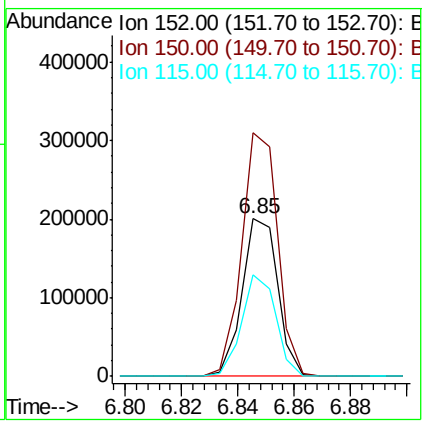




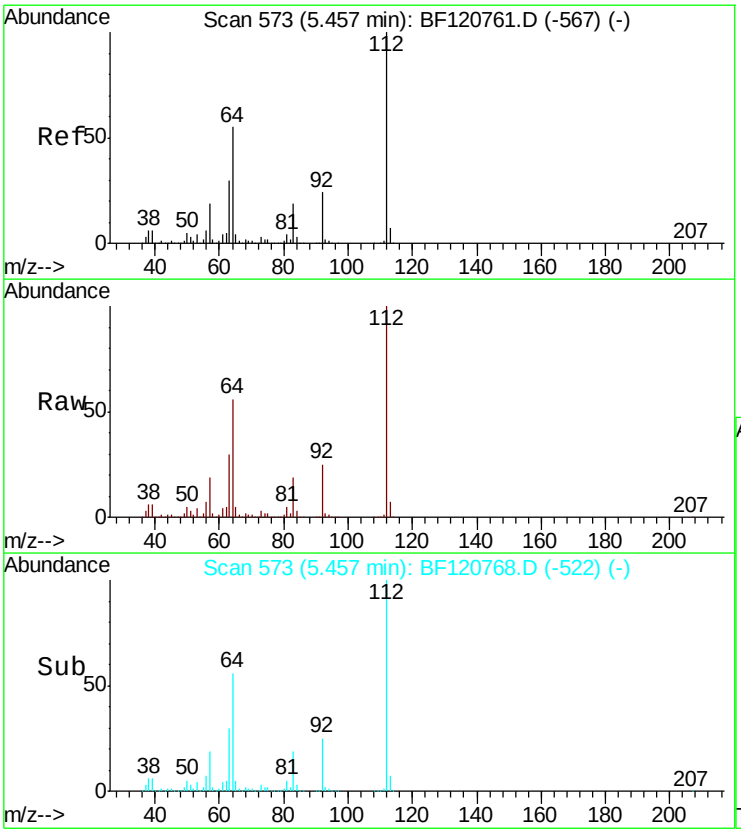
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:152 Resp: 175656

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.1	189.1
115	64.7	48.5	72.7



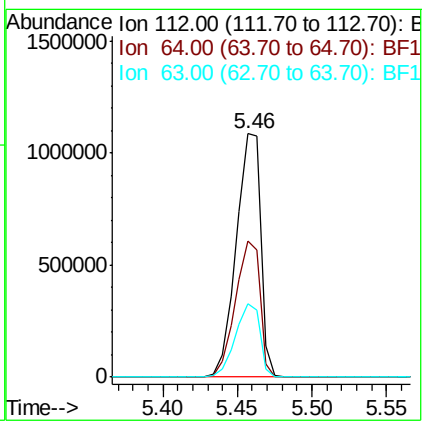
Instrument :
BNA_P
ClientSampleId :
PB129807BL

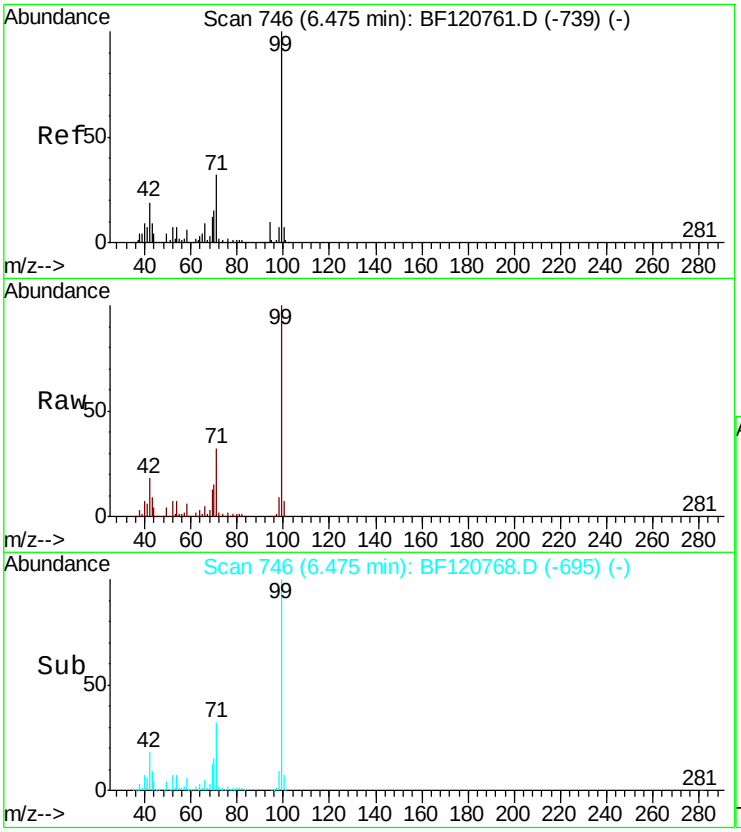


#5
2-Fluorophenol
Concen: 109.473 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:112 Resp: 1245722

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.6
63	30.4	23.6	35.4



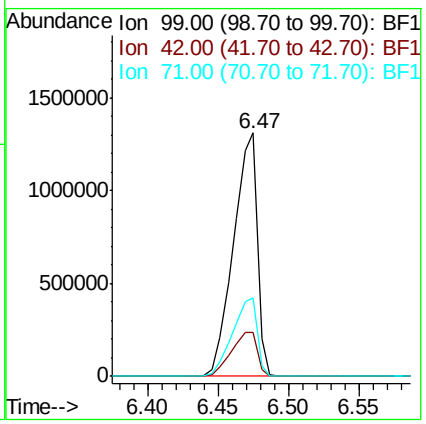


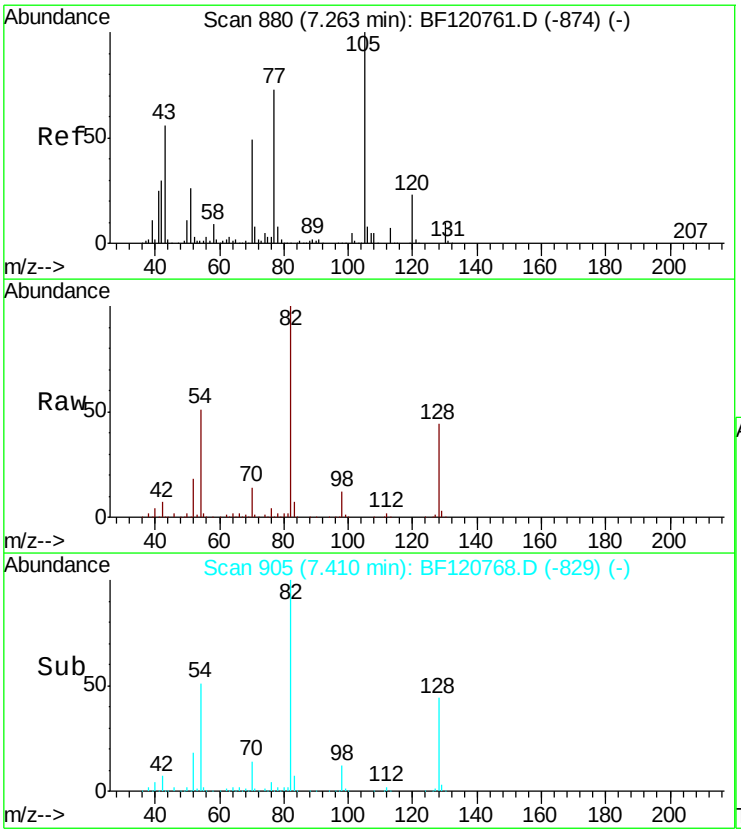
#7
Phenol-d6
Concen: 105.861 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument :
BNA_P
ClientSampleId :
PB129807BL

Tgt Ion: 99 Resp: 1538351

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	32.0	25.9	38.9

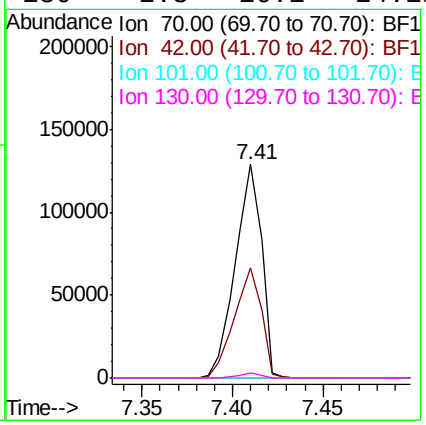


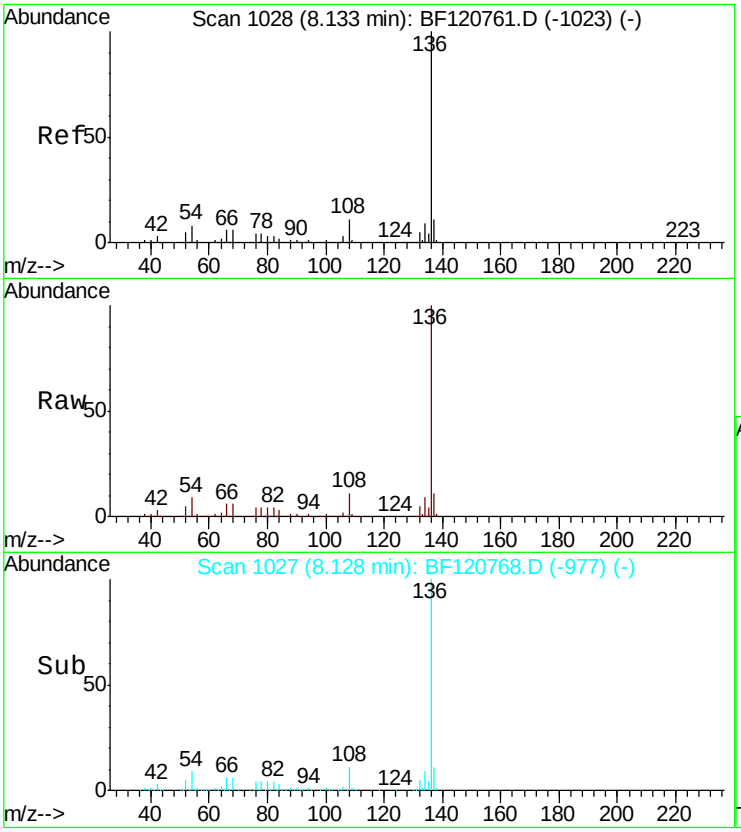


#19
n-Nitroso-di-n-propylamine
Concen: 14.877 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion: 70 Resp: 130172

Ion	Ratio	Lower	Upper
70	100		
42	51.8	50.3	75.5
101	0.0	7.5	11.3#
130	2.3	16.1	24.1#



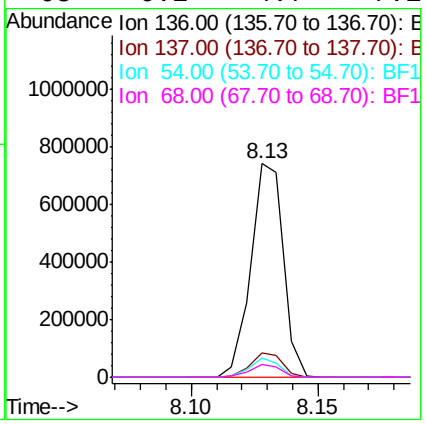


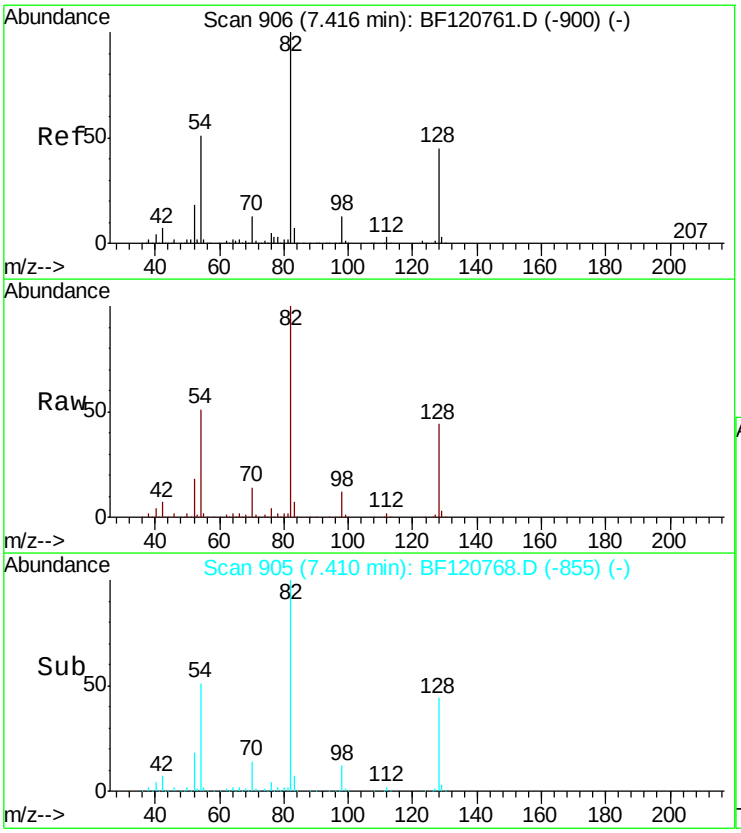
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument :
BNA_P
ClientSampleId :
PB129807BL

Tgt Ion:136 Resp: 662335

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.8	6.2	9.4
68	6.2	4.7	7.1

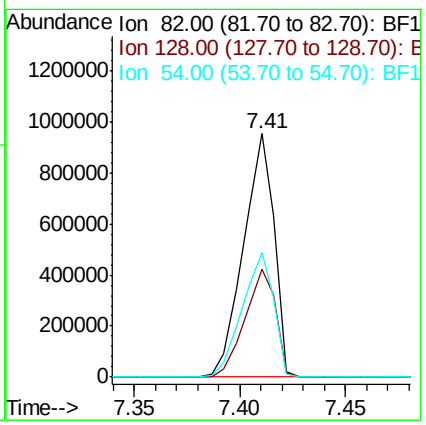


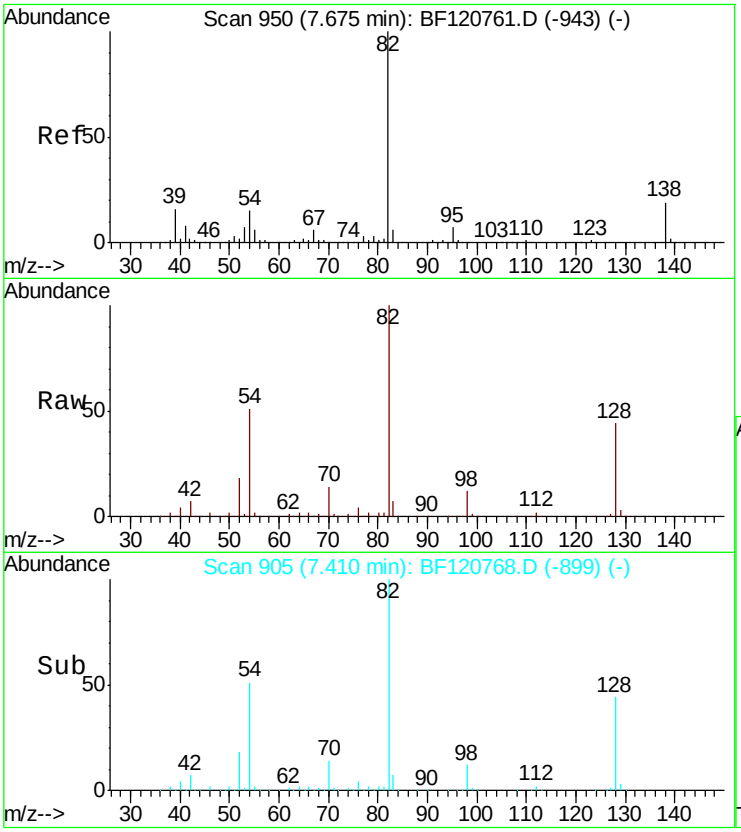


#23
Nitrobenzene-d5
Concen: 83.919 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion: 82 Resp: 959349

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.7	53.5
54	51.4	40.9	61.3



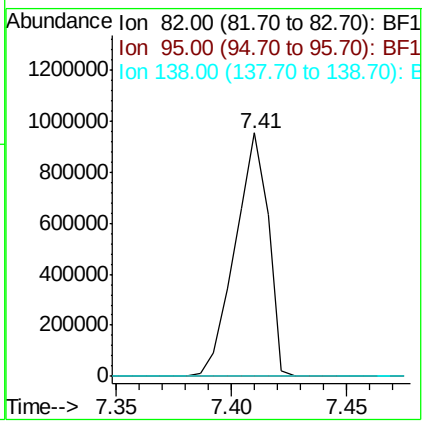


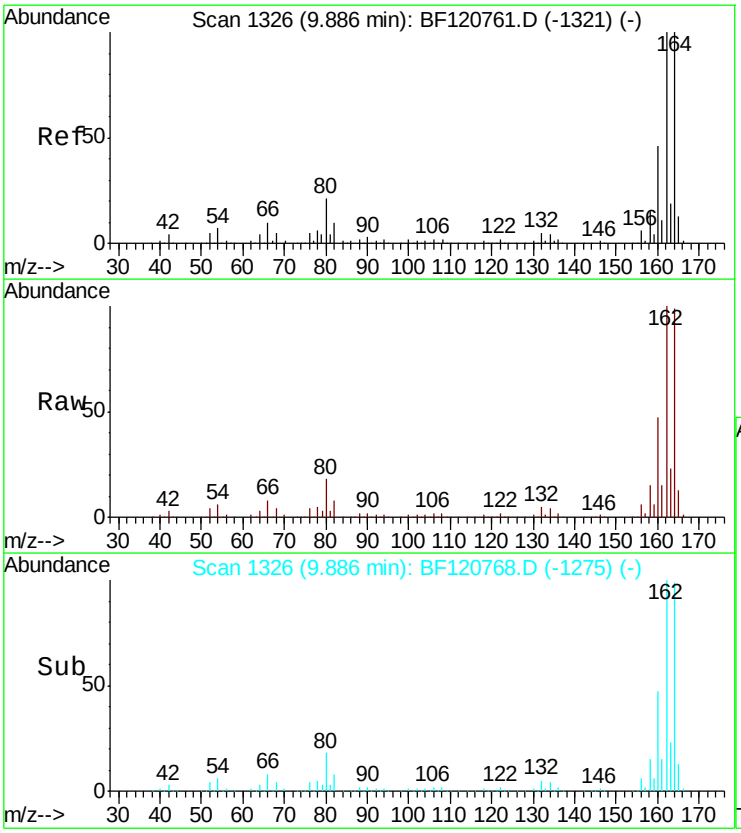
#25
Isophorone
Concen: 38.912 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument :
BNA_P
ClientSampleId :
PB129807BL

Tgt Ion: 82 Resp: 959328

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.0	22.4#

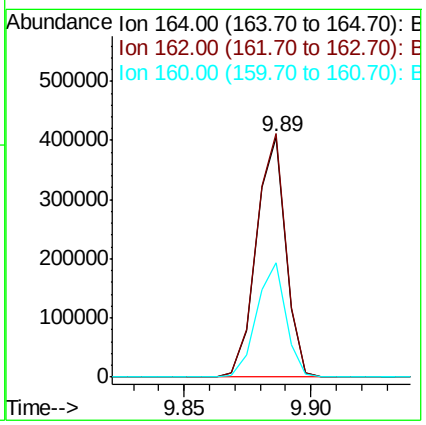


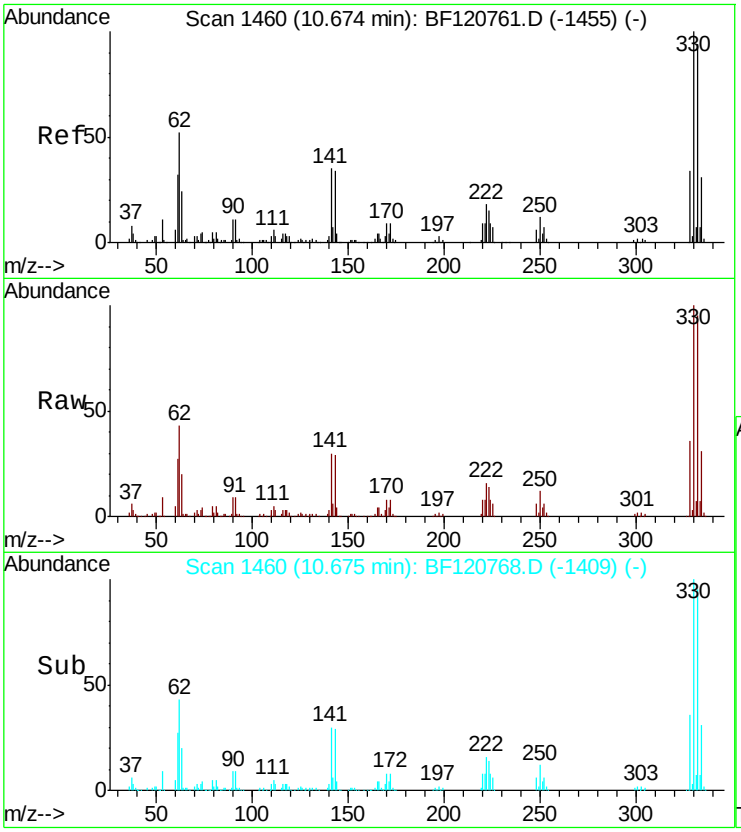


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:164 Resp: 330185

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	47.4	36.9	55.3



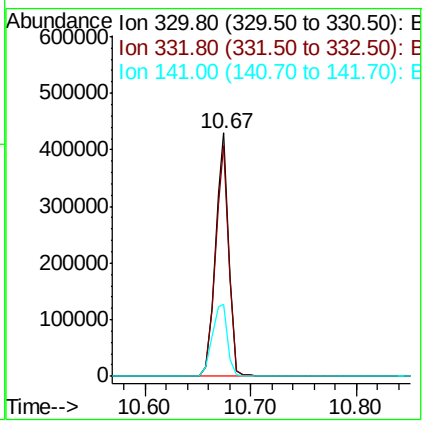


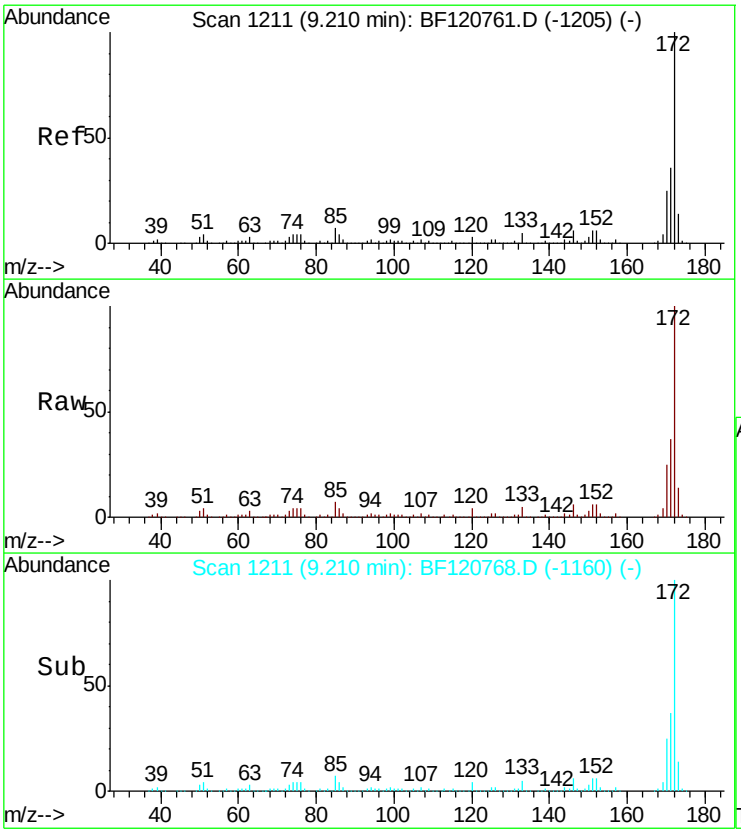
#42
2,4,6-Tribromophenol
Concen: 116.447 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument :
BNA_P
ClientSampleId :
PB129807BL

Tgt Ion:330 Resp: 386276

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.6
141	34.5	29.7	44.5

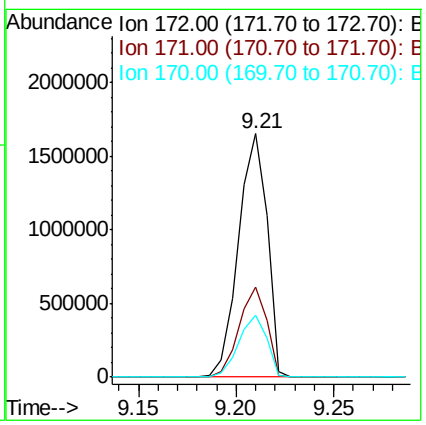


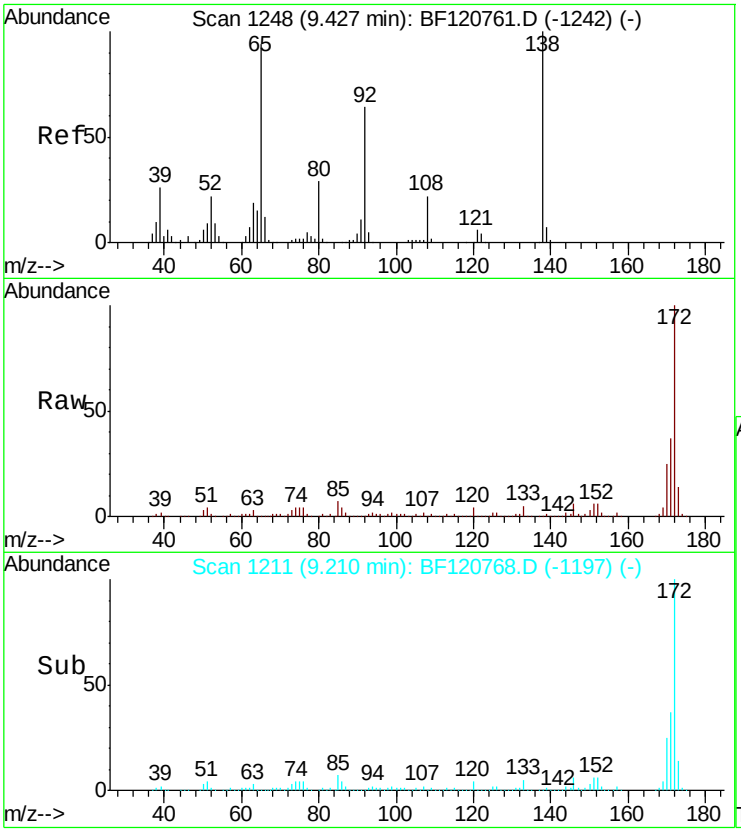


#45
2-Fluorobiphenyl
Concen: 76.908 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:172 Resp: 1678443

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.5	19.8	29.6



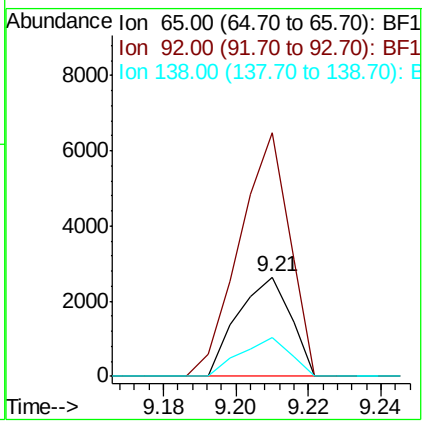


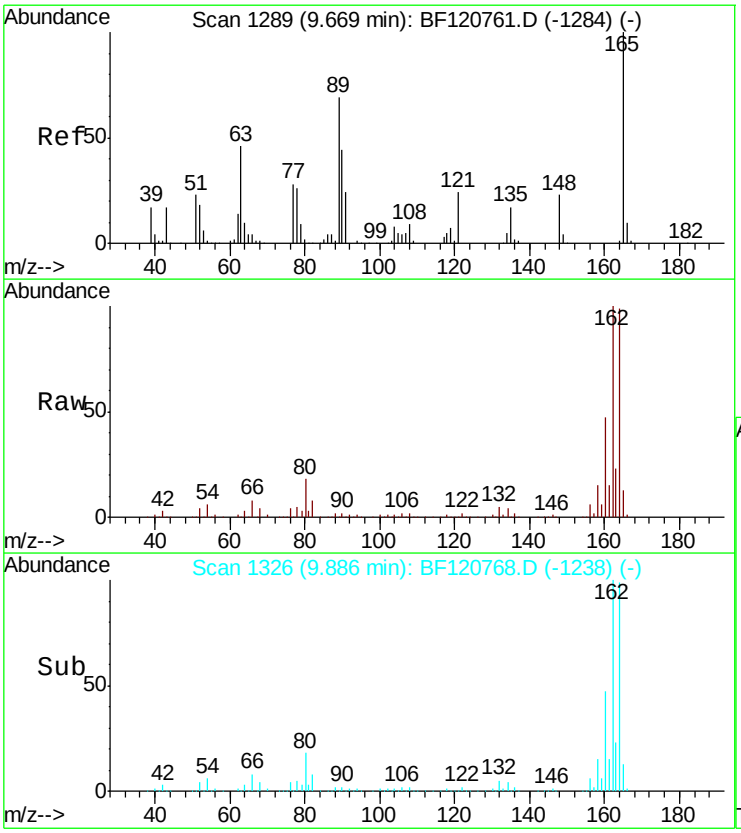
#48
2-Nitroaniline
Concen: 3.015 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.22 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument : BNA_P
ClientSampleId : PB129807BL

Tgt Ion: 65 Resp: 2671

Ion	Ratio	Lower	Upper
65	100		
92	245.5	54.4	81.6#
138	39.3	84.7	127.1#

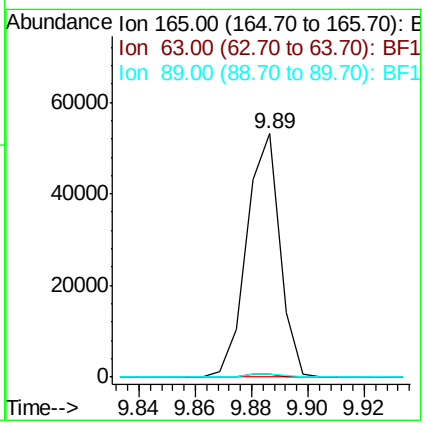


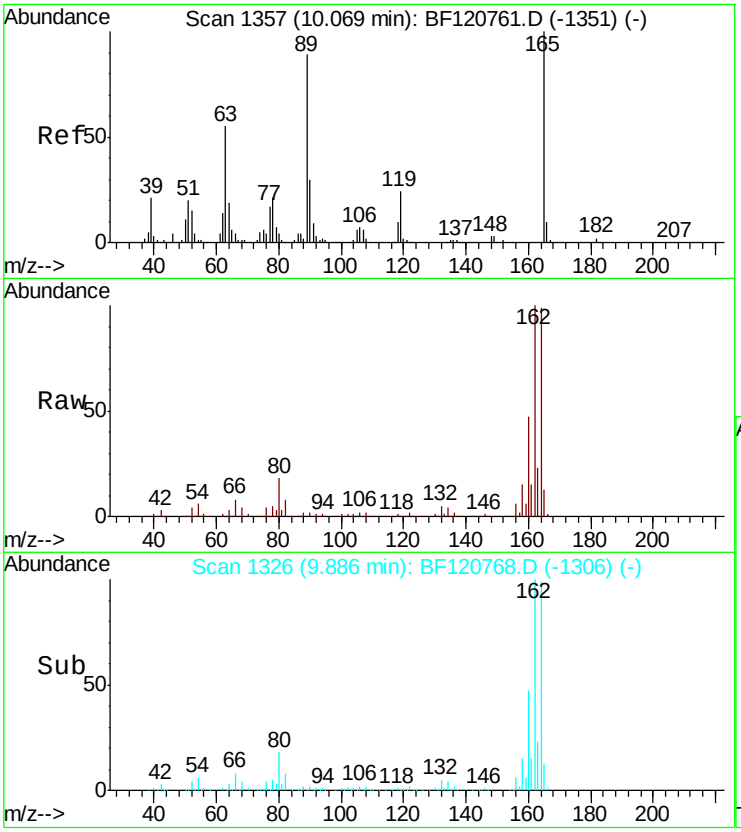


#51
2,6-Dinitrotoluene
Concen: 10.905 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.22 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:165 Resp: 43356

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.0	81.0#
89	1.4	55.4	83.2#



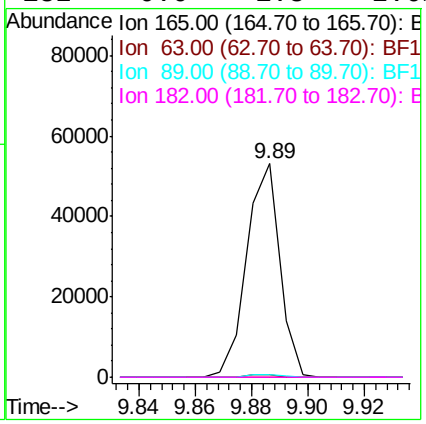


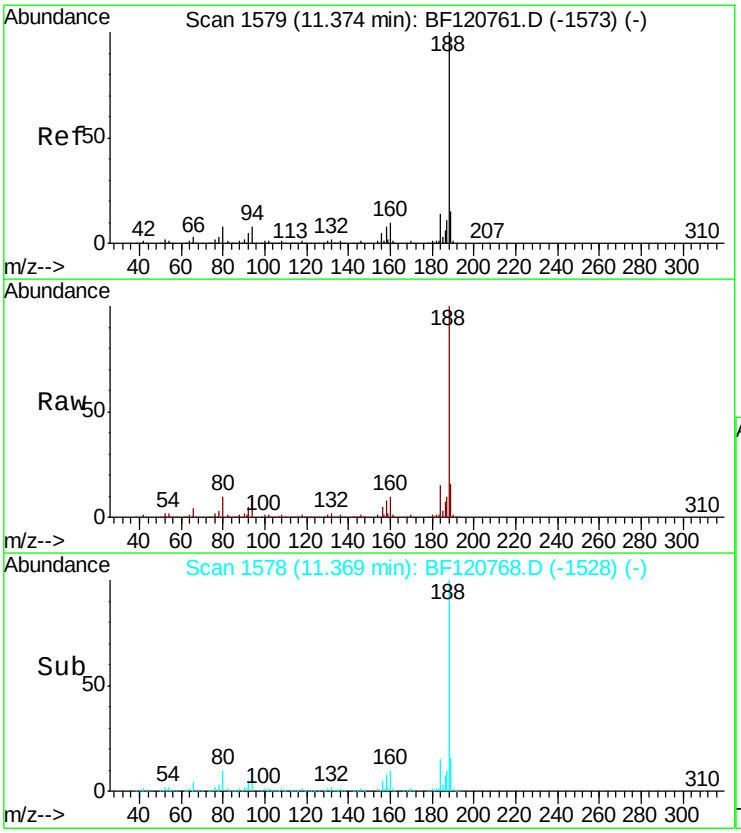
#57
2,4-Dinitrotoluene
Concen: 9.880 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.18 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument :
BNA_P
ClientSampleId :
PB129807BL

Tgt Ion:165 Resp: 43356

Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.8	65.8#
89	1.4	71.4	107.2#
182	0.0	1.8	2.6#

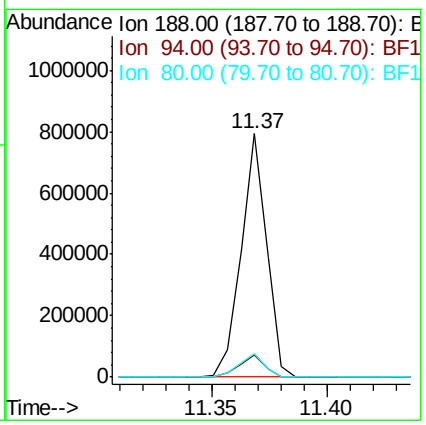


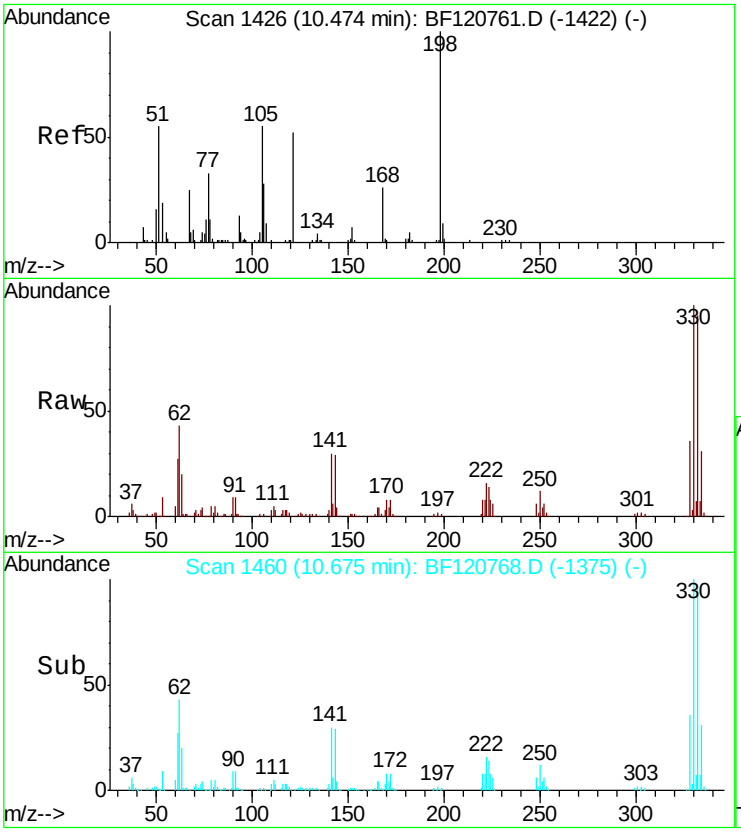


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:188 Resp: 611553

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	9.8
80	9.8	6.6	10.0



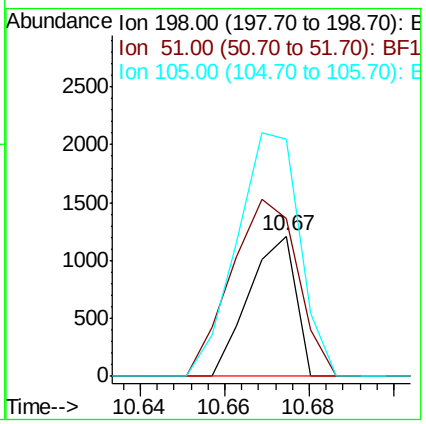


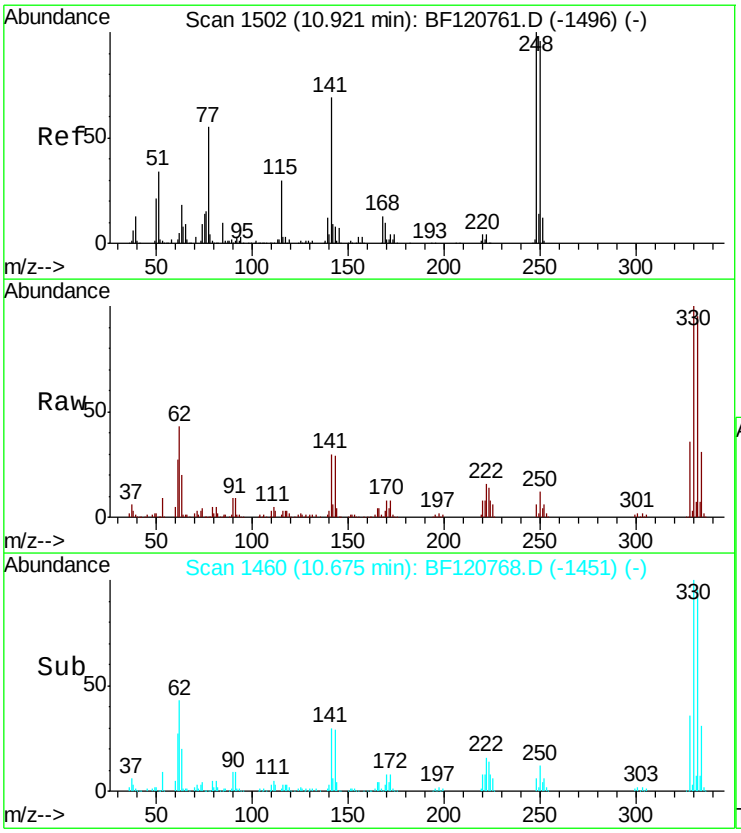
#65
4,6-Dinitro-2-methylphenol
Concen: 7.320 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.20 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument :
BNA_P
ClientSampleId :
PB129807BL

Tgt Ion:198 Resp: 941

Ion	Ratio	Lower	Upper
198	100		
51	112.5	50.0	90.0#
105	168.7	38.3	78.3#

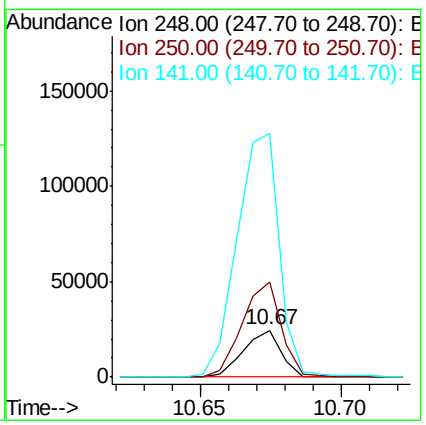


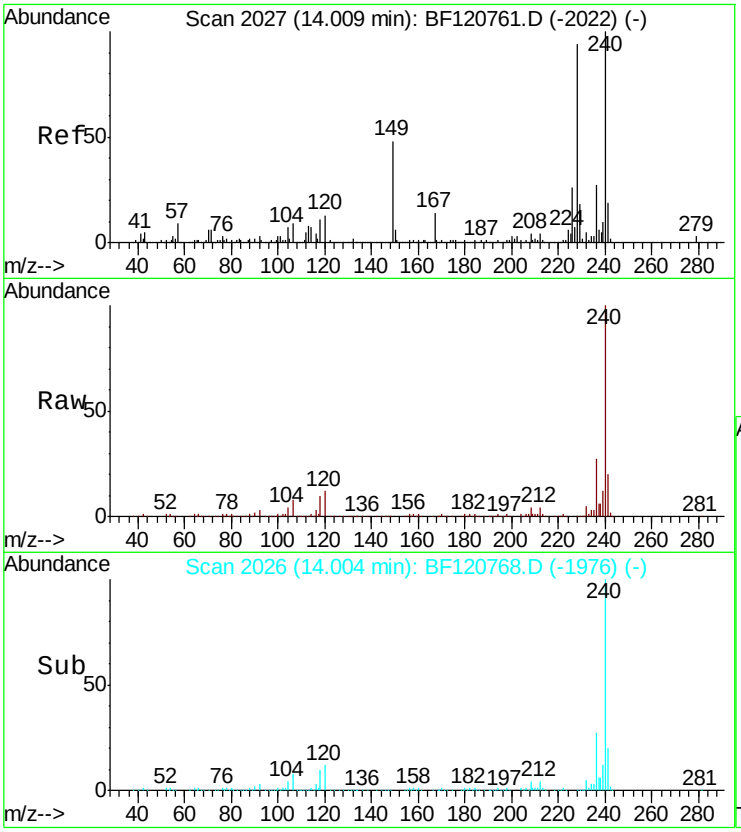


#67
4-Bromophenyl-phenylether
Concen: 3.221 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.25 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:248 Resp: 22850

Ion	Ratio	Lower	Upper
248	100		
250	201.5	76.5	114.7#
141	516.6	54.9	82.3#



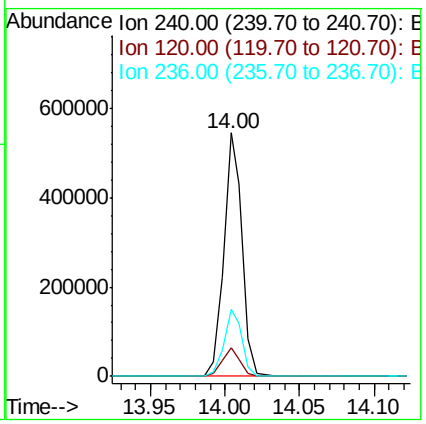


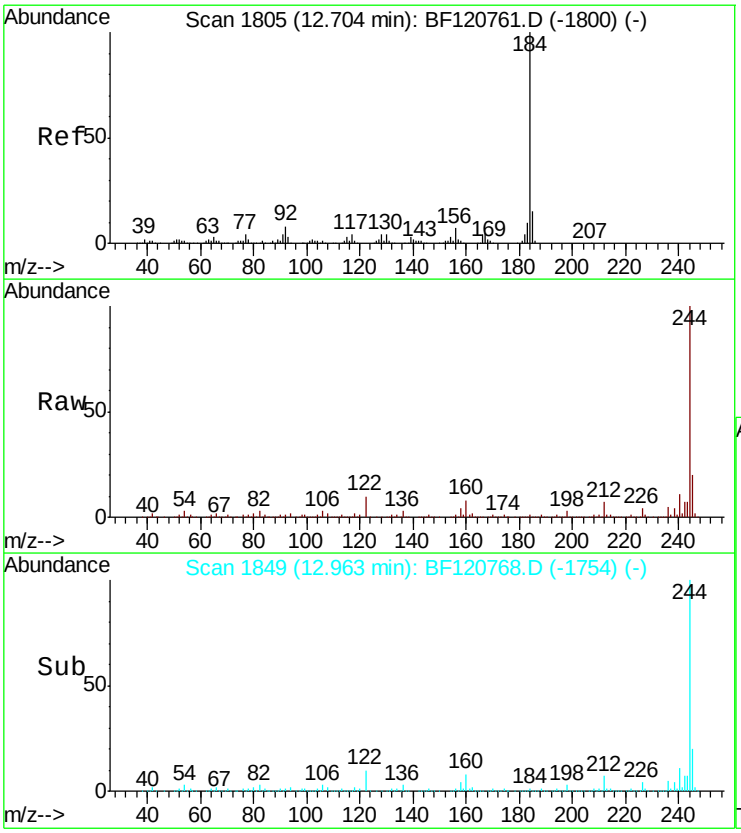
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument :
BNA_P
ClientSampleId :
PB129807BL

Tgt Ion:240 Resp: 470345

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.3	15.5
236	27.3	21.4	32.2

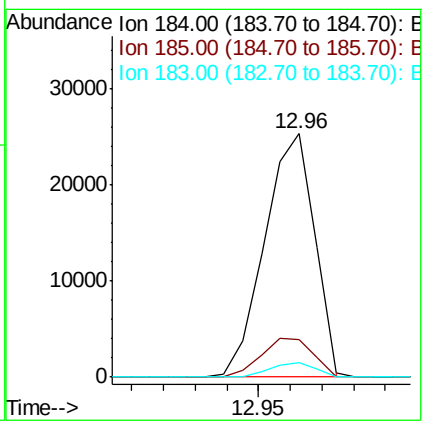


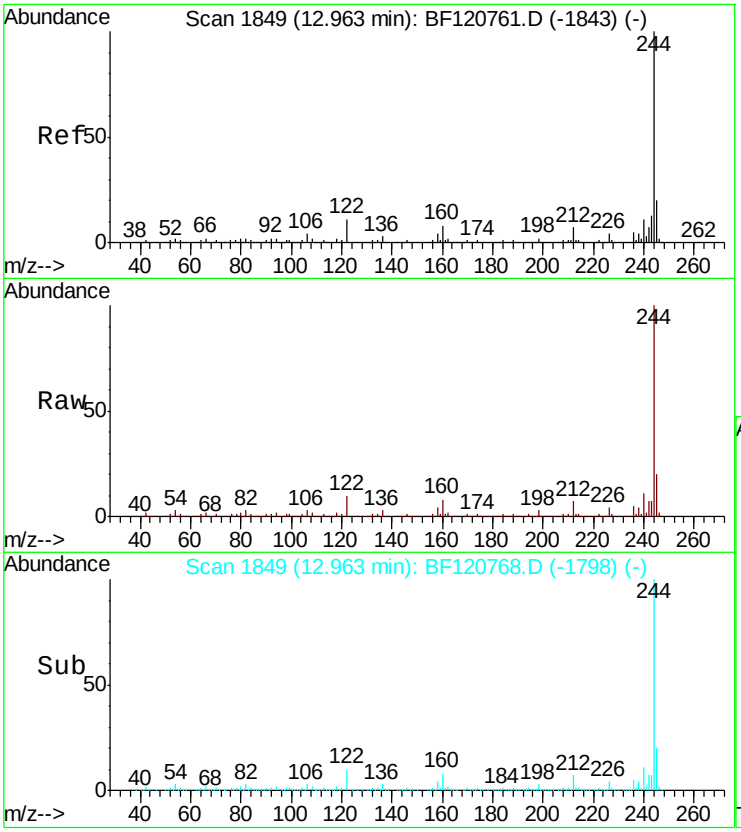


#77
Benzidine
Concen: 2.090 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.26 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:184 Resp: 27743

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	5.7	8.3	12.5#



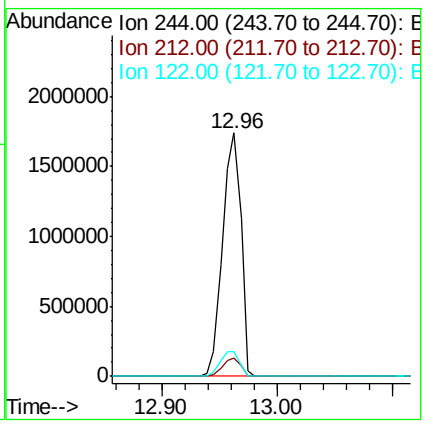


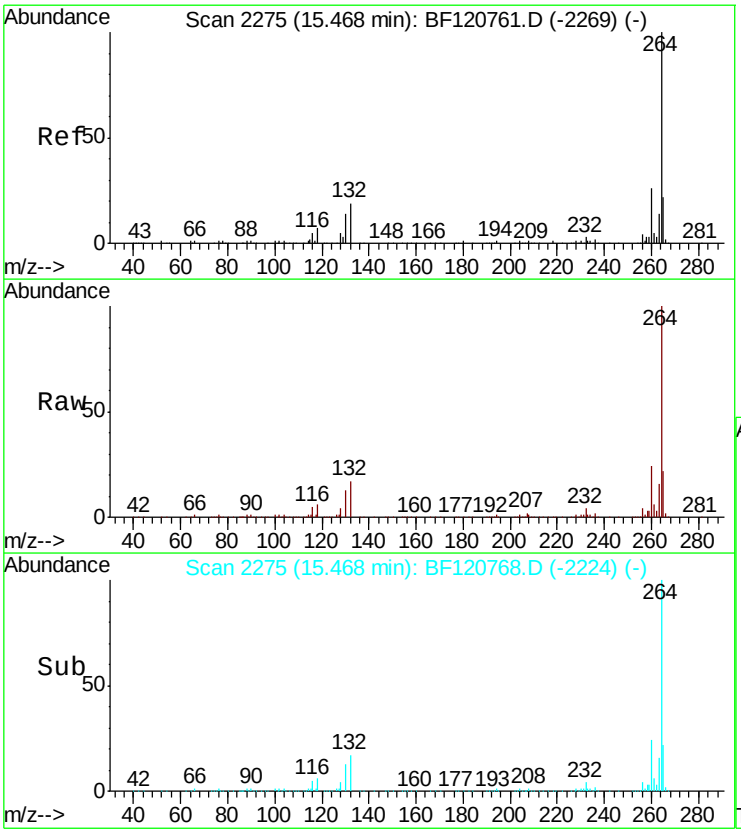
#79
Terphenyl-d14
Concen: 79.394 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Instrument :
BNA_P
ClientSampleId :
PB129807BL

Tgt Ion:244 Resp: 1907301

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.4	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120768.D
Acq: 6 Jul 2020 9:59

Tgt Ion:264 Resp: 415645

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.6	30.8
265	21.7	17.6	26.4