Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120821.D
Acq On : 10 Jul 2020 9:46
Operator : JU/CG
Sample : PB129999BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129999BL

Quant Time: Jul 10 10:59:38 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	160505	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	599010	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	298690	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	539426	20.00	ng	0.00
76) Chrysene-d12	14.00	240	388531	20.00	ng	0.00
86) Perylene-d12	15.46	264	330015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1246448	119.88	ng	0.00
7) Phenol-d6	6.47	99	1509176	113.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	950196	91.91	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	379387	126.43	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1584340	80.25	ng	0.00
79) Terphenyl-d14	12.96	244	1777538	89.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	128435	16.064	ng	# 75
25) Isophorone	7.41	82	948200	42.527	ng	# 64
48) 2-Nitroaniline	9.21	65	2737	3.067	ng	# 1
51) 2,6-Dinitrotoluene	9.88	165	38790	10.810	ng	# 17
57) 2,4-Dinitrotoluene	9.88	165	38790	9.805	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.67	198	871	7.336	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	22500	3.596	ng	# 1
77) Benzidine	12.96	184	25604	2.335	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
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Acq On : 10 Jul 2020 9:46
Operator : JU/CG
Sample : PB129999BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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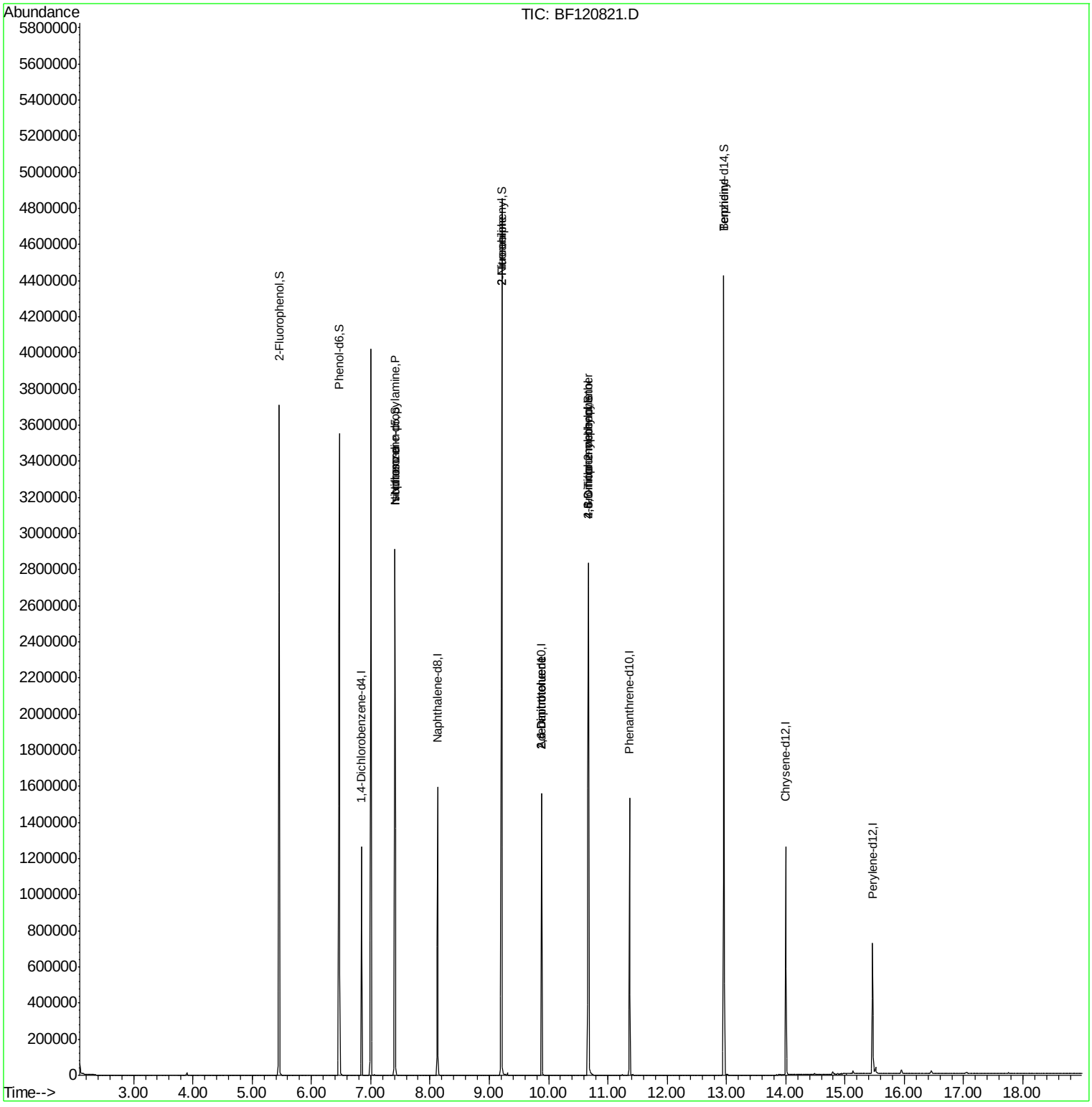
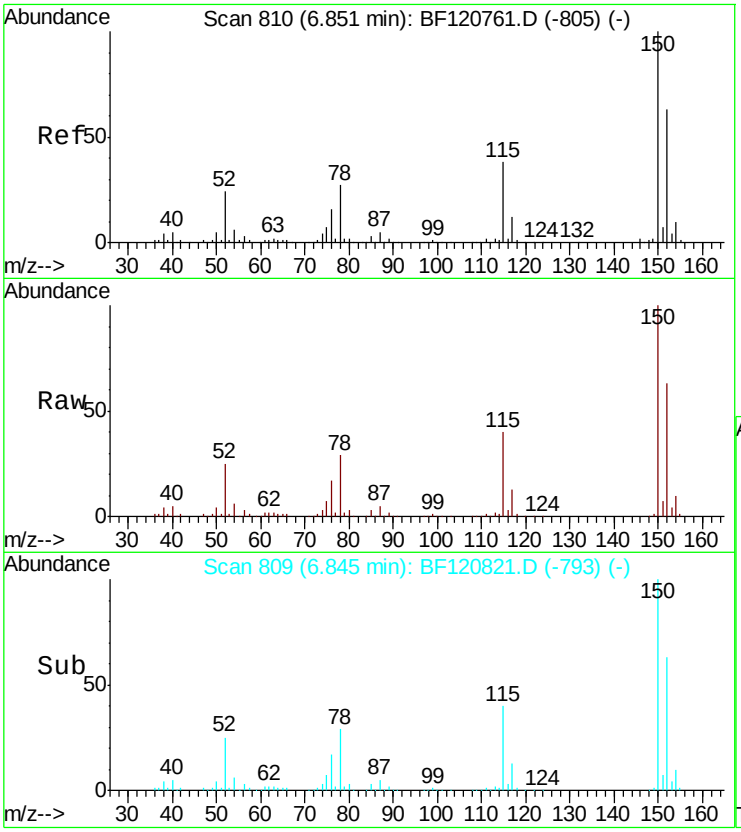


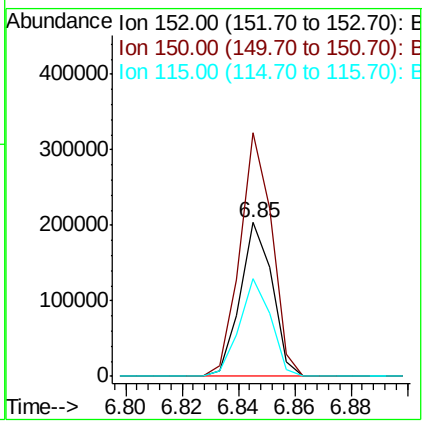


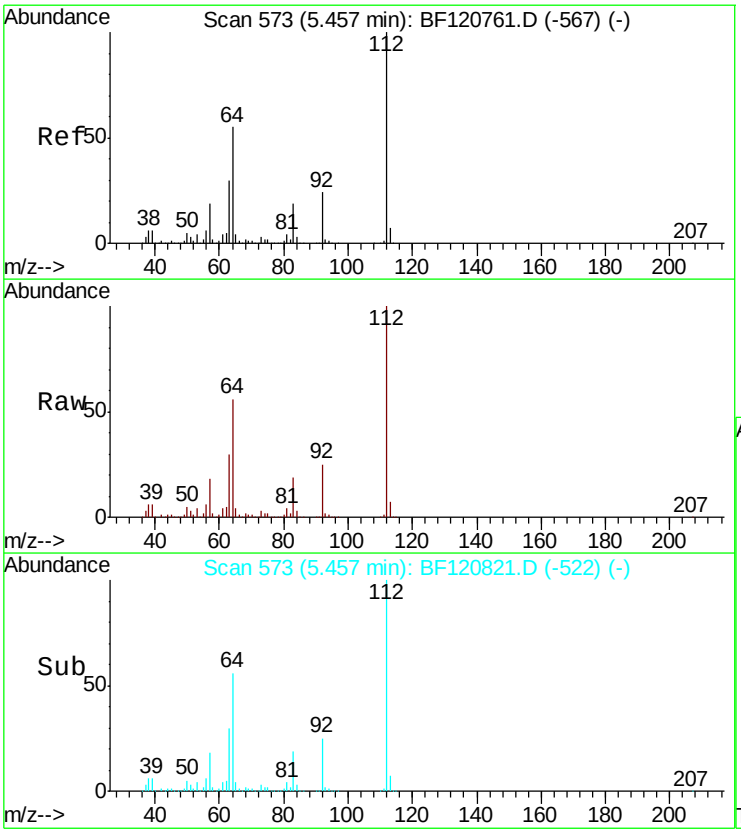
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion:152 Resp: 160505

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.1	189.1
115	63.4	48.5	72.7

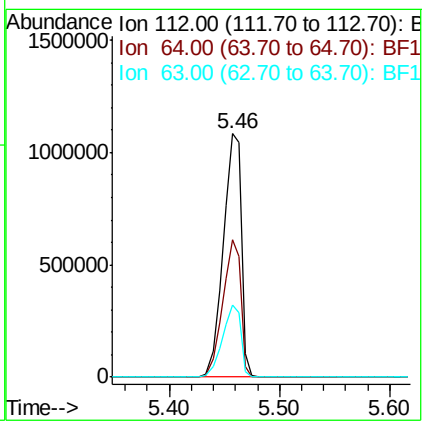


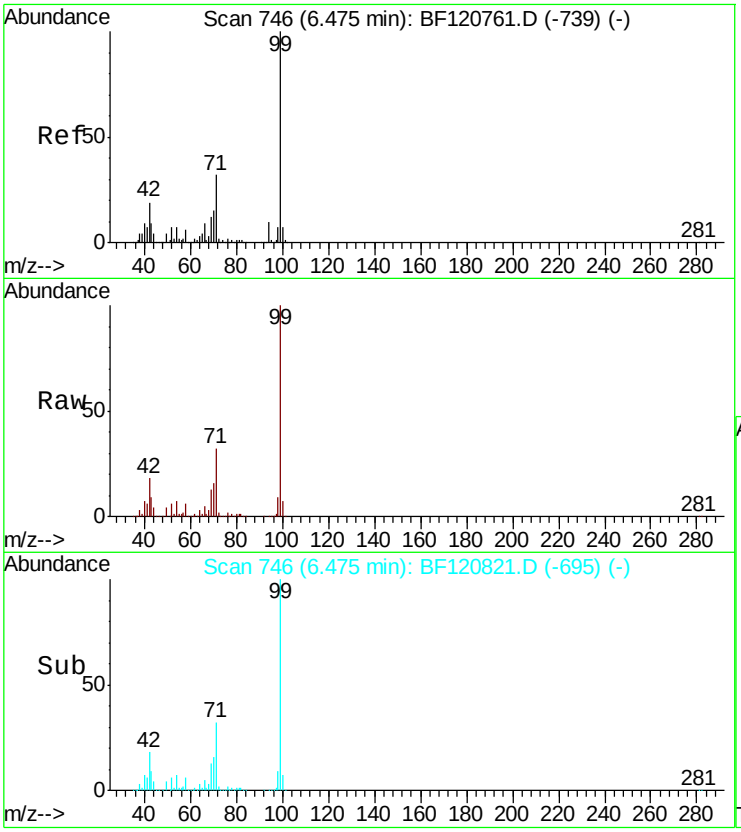


#5
2-Fluorophenol
Concen: 119.877 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:112 Resp: 1246448

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.8	65.6
63	29.7	23.6	35.4



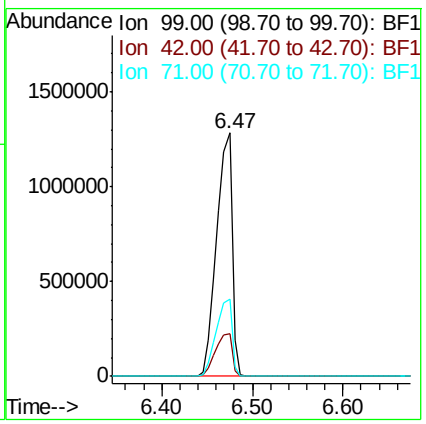


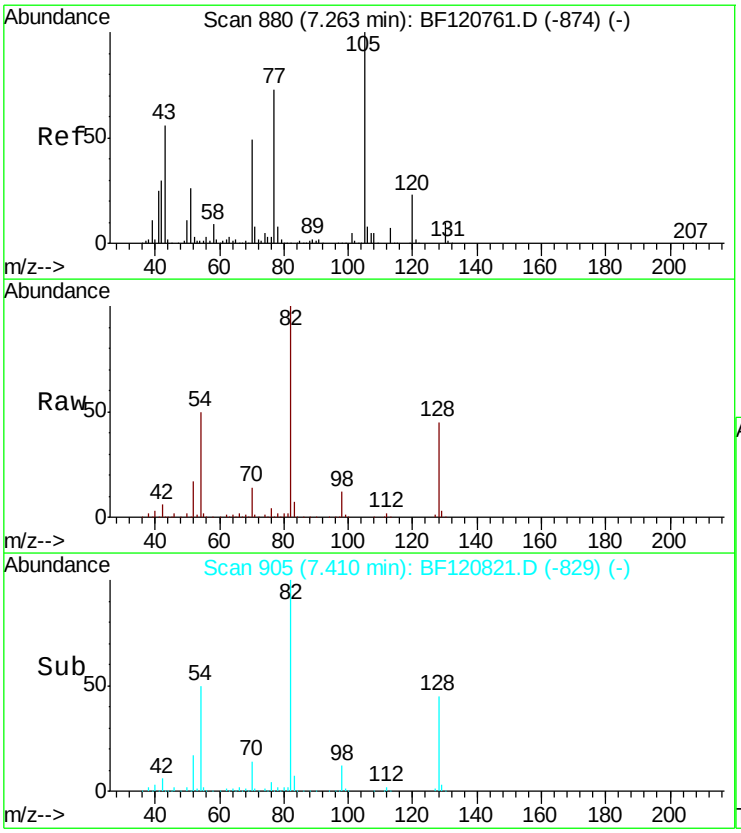
#7
Phenol-d6
Concen: 113.657 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion: 99 Resp: 1509176

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.4	23.0
71	31.9	25.9	38.9

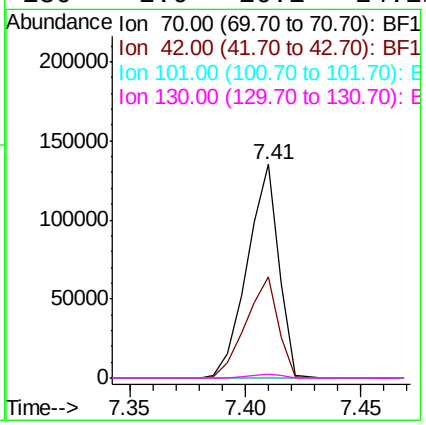


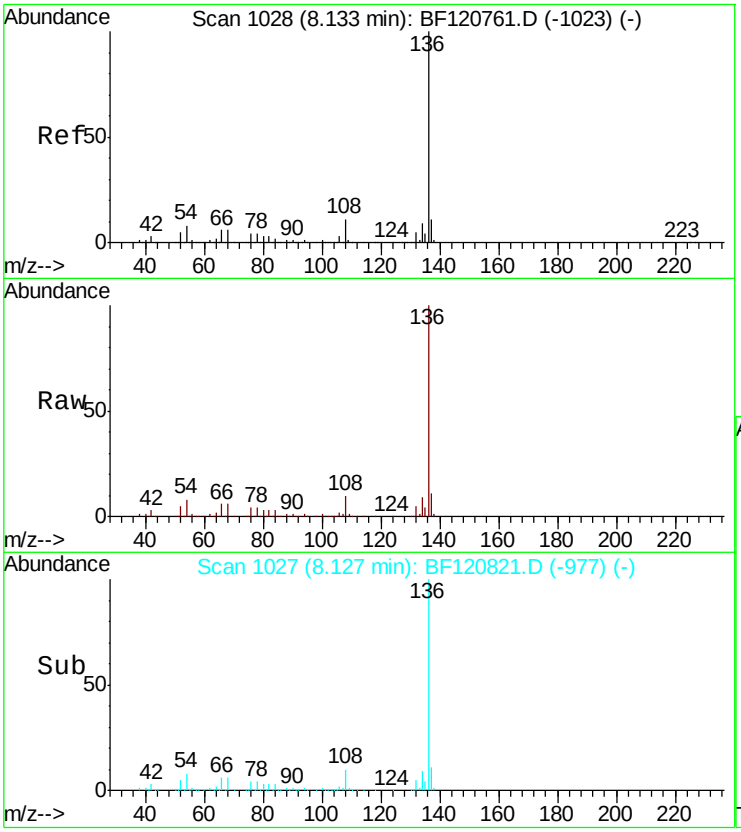


#19
n-Nitroso-di-n-propylamine
Concen: 16.064 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion: 70 Resp: 128435

Ion	Ratio	Lower	Upper
70	100		
42	47.4	50.3	75.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



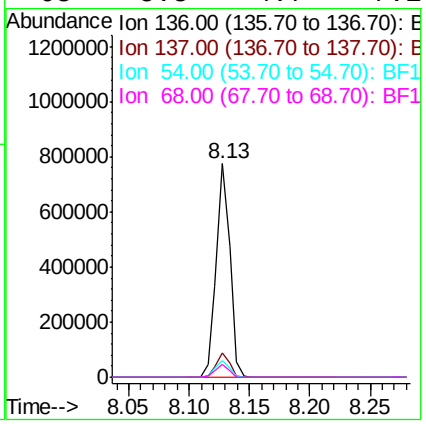


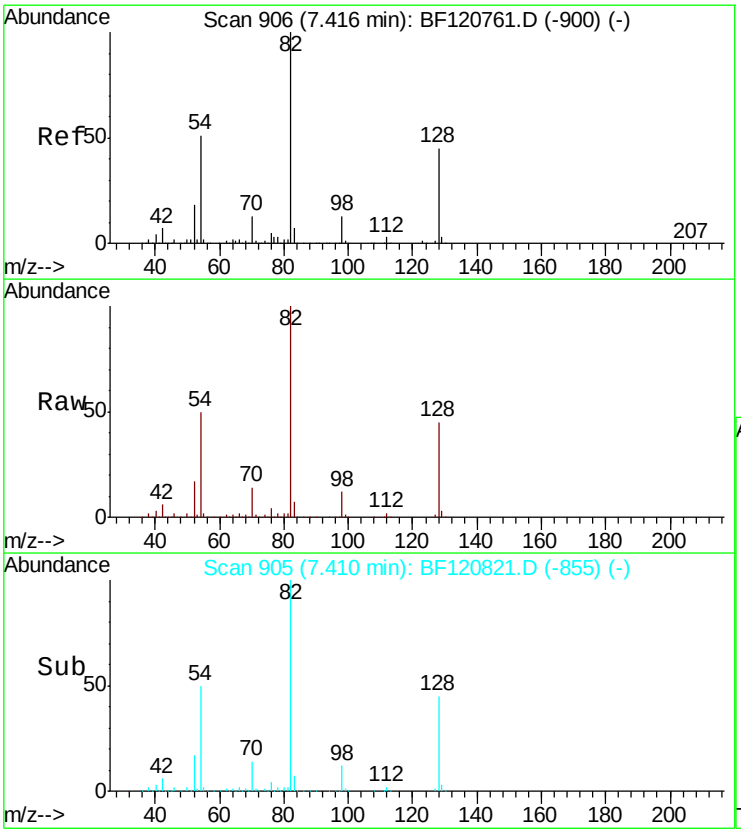
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion:136 Resp: 599010

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.0	6.2	9.4
68	5.8	4.7	7.1

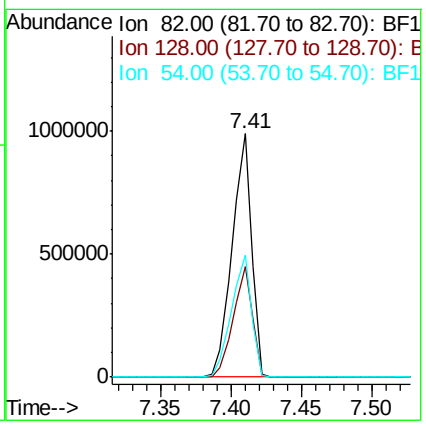


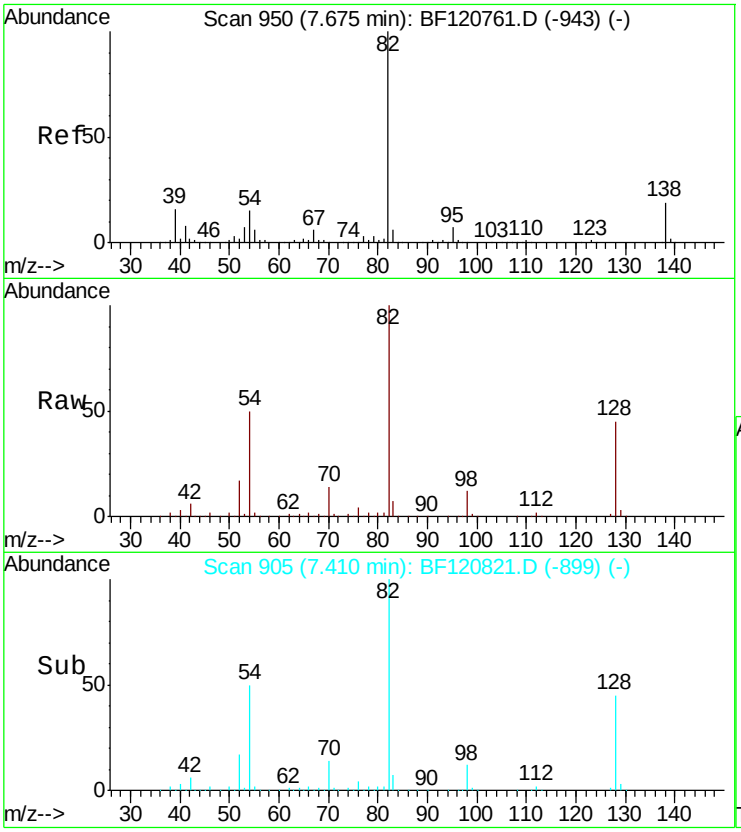


#23
Nitrobenzene-d5
Concen: 91.905 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion: 82 Resp: 950196

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	50.1	40.9	61.3



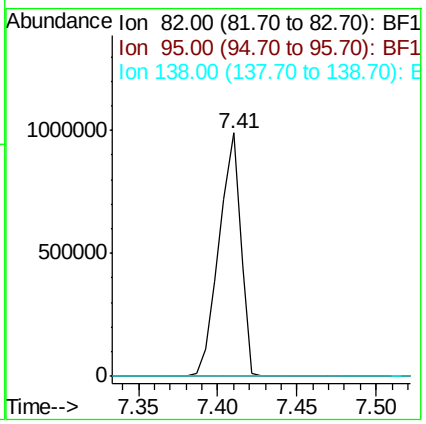


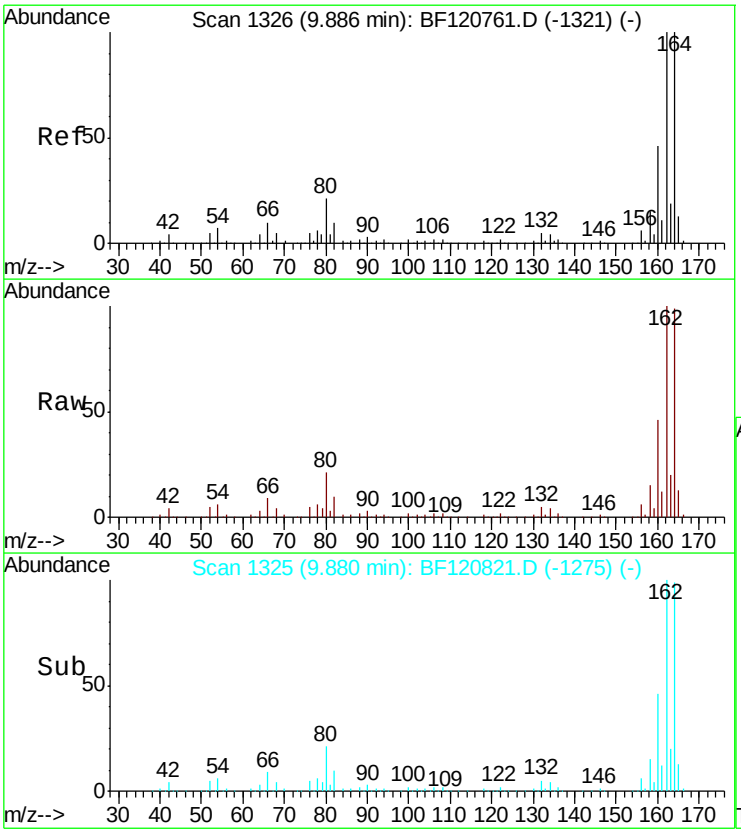
#25
Isophorone
Concen: 42.527 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion: 82 Resp: 948200

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

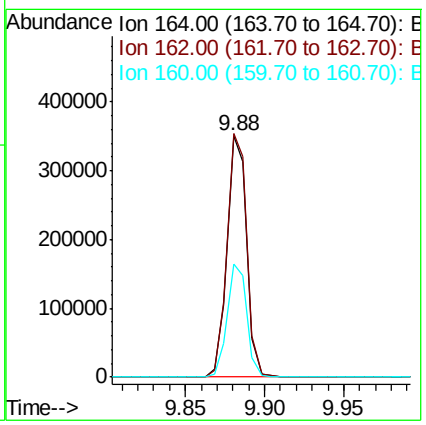


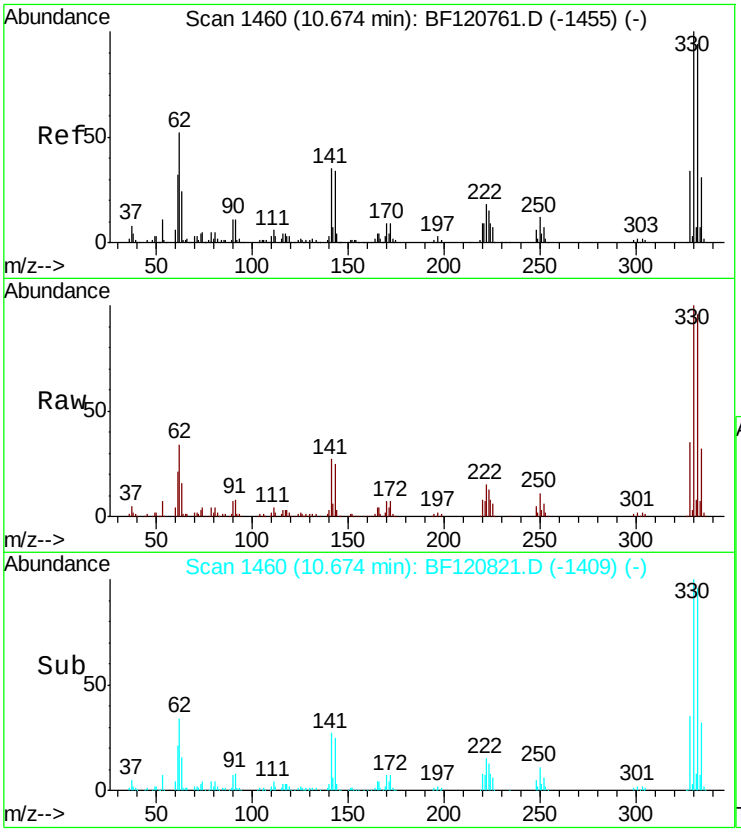


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:164 Resp: 298690

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	46.7	36.9	55.3



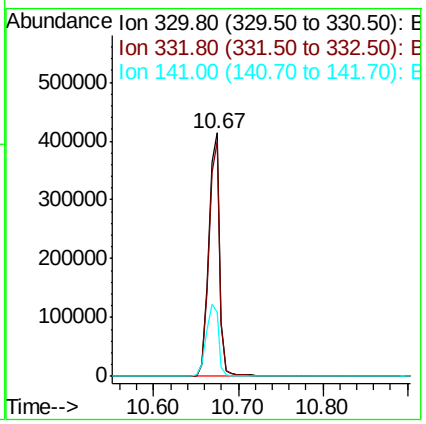


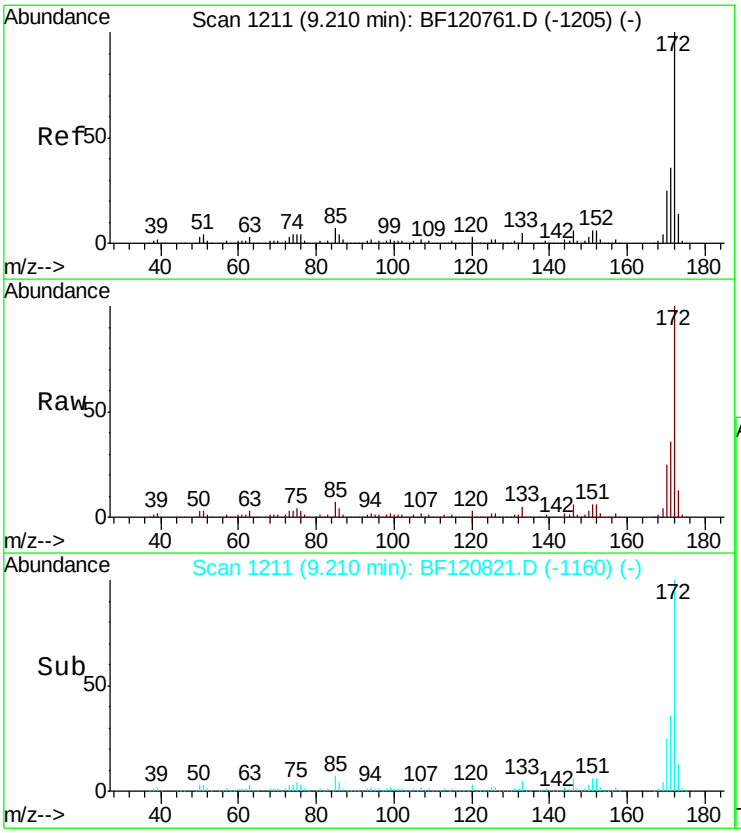
#42
2,4,6-Tribromophenol
Concen: 126.430 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion:330 Resp: 379387

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.6
141	33.8	29.7	44.5

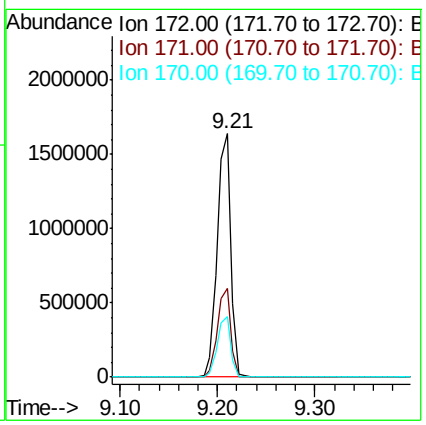


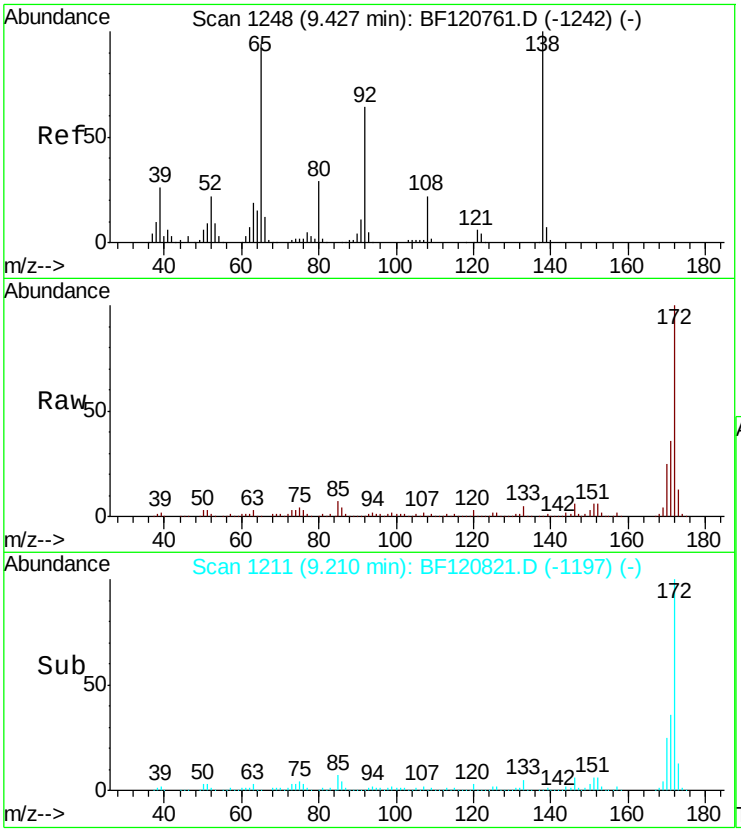


#45
2-Fluorobiphenyl
Concen: 80.251 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:172 Resp: 1584340

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.1	43.7
170	24.9	19.8	29.6



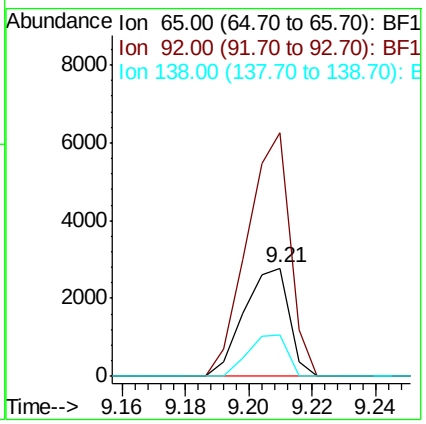


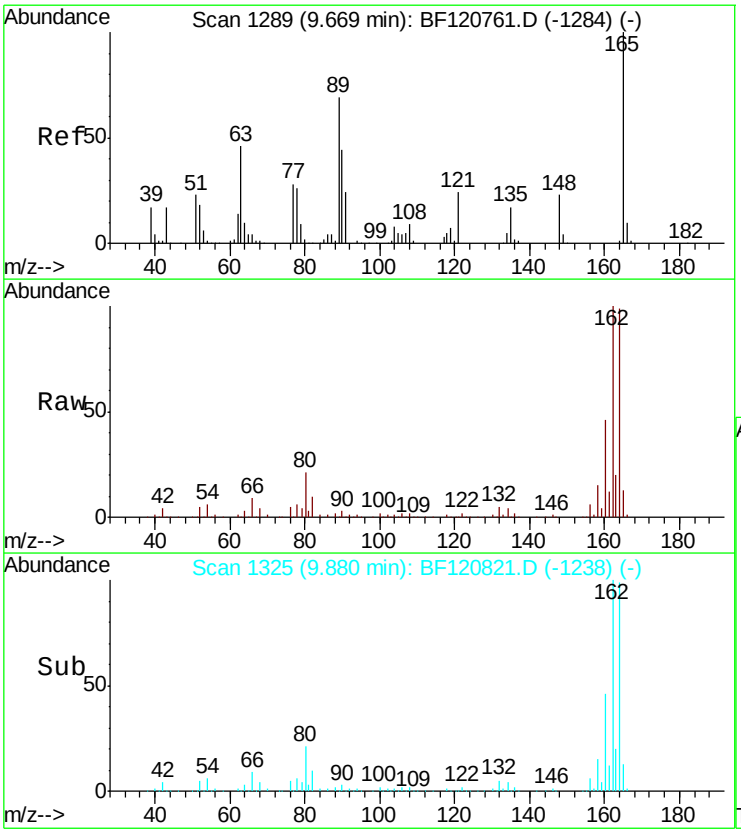
#48
2-Nitroaniline
Concen: 3.067 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.22 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion: 65 Resp: 2737

Ion	Ratio	Lower	Upper
65	100		
92	225.2	54.4	81.6#
138	38.5	84.7	127.1#

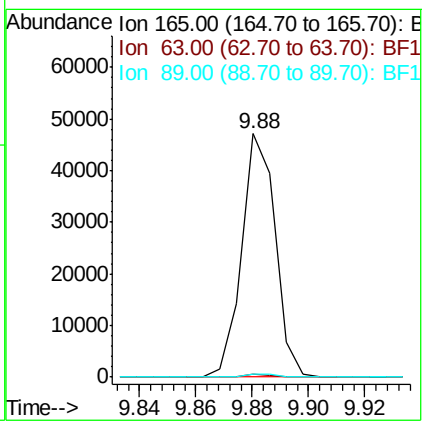


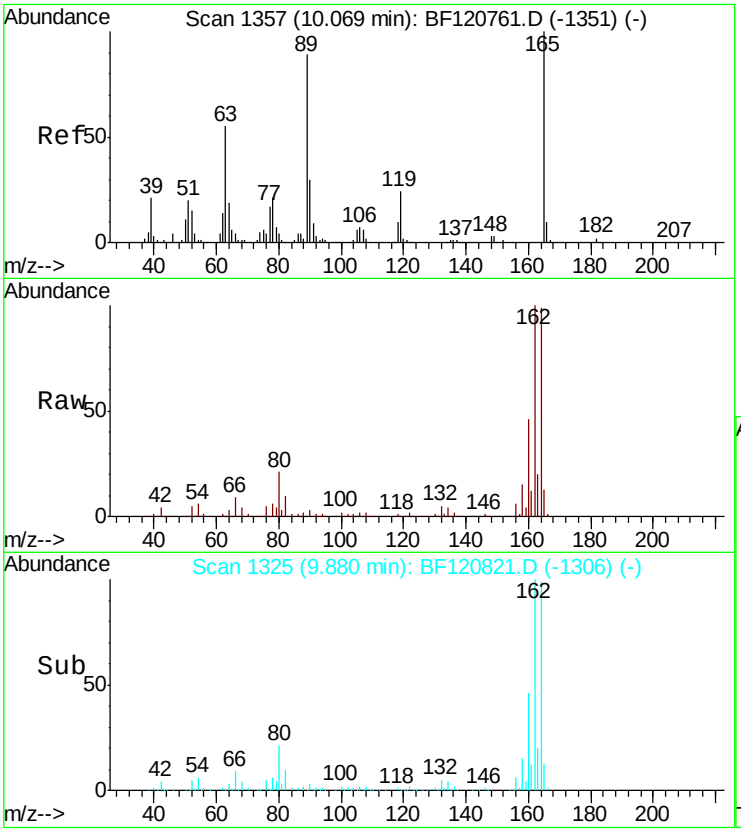


#51
2,6-Dinitrotoluene
Concen: 10.810 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:165 Resp: 38790

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.0	81.0#
89	1.3	55.4	83.2#



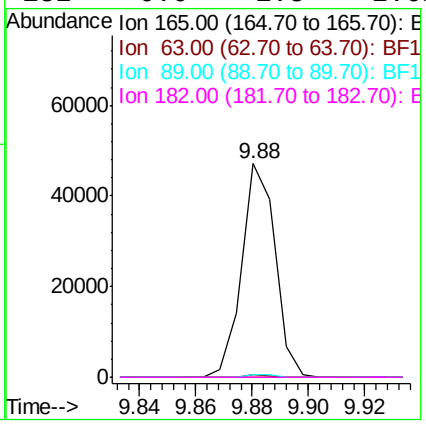


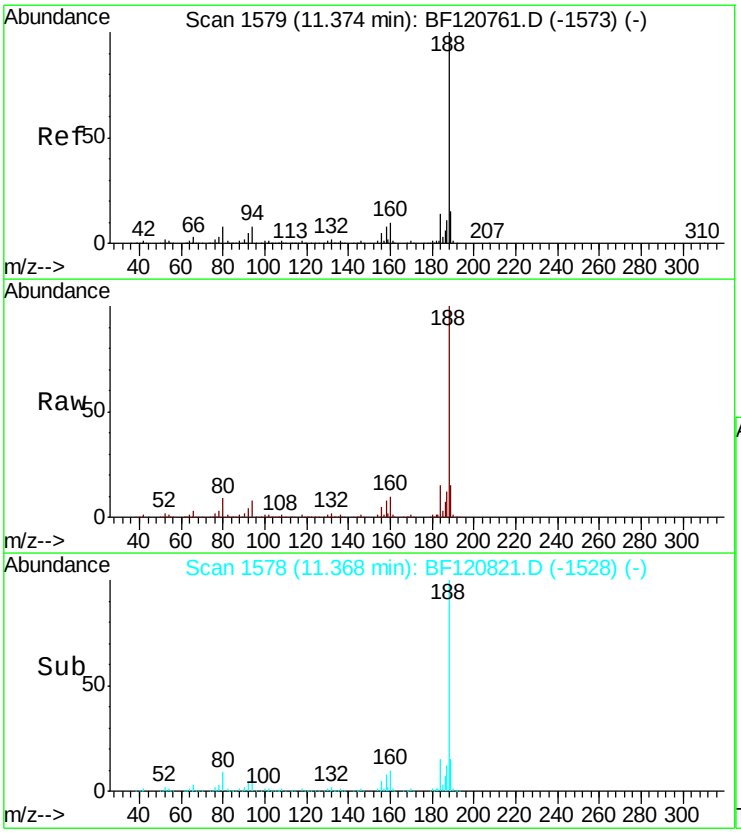
#57
2,4-Dinitrotoluene
Concen: 9.805 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion:165 Resp: 38790

Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.8	65.8#
89	1.3	71.4	107.2#
182	0.0	1.8	2.6#

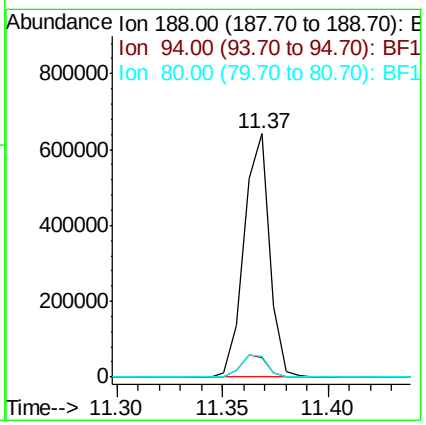


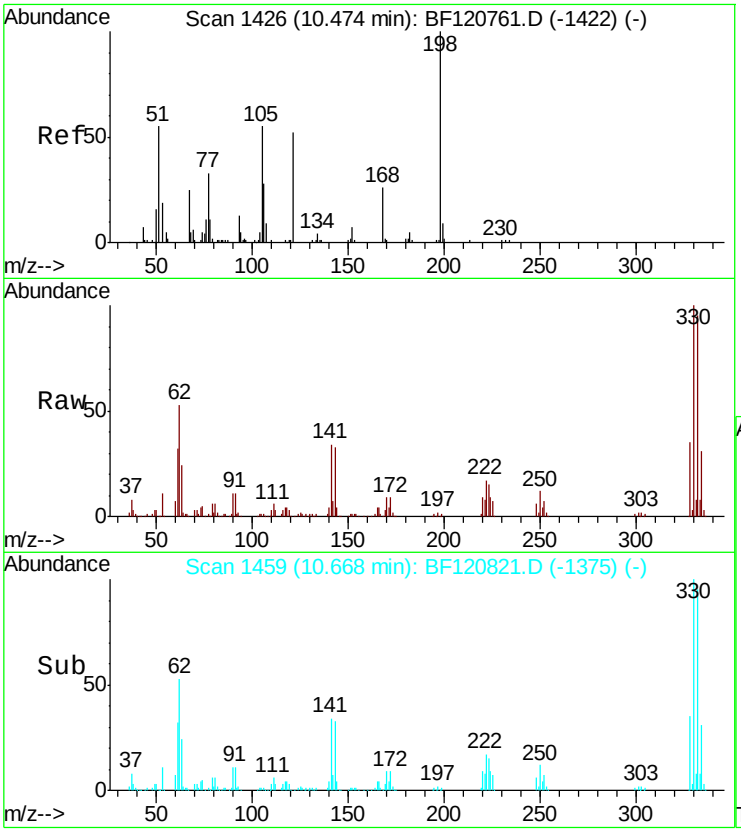


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:188 Resp: 539426

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	9.8
80	8.7	6.6	10.0



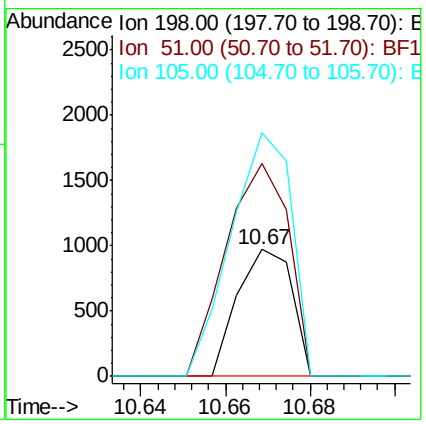


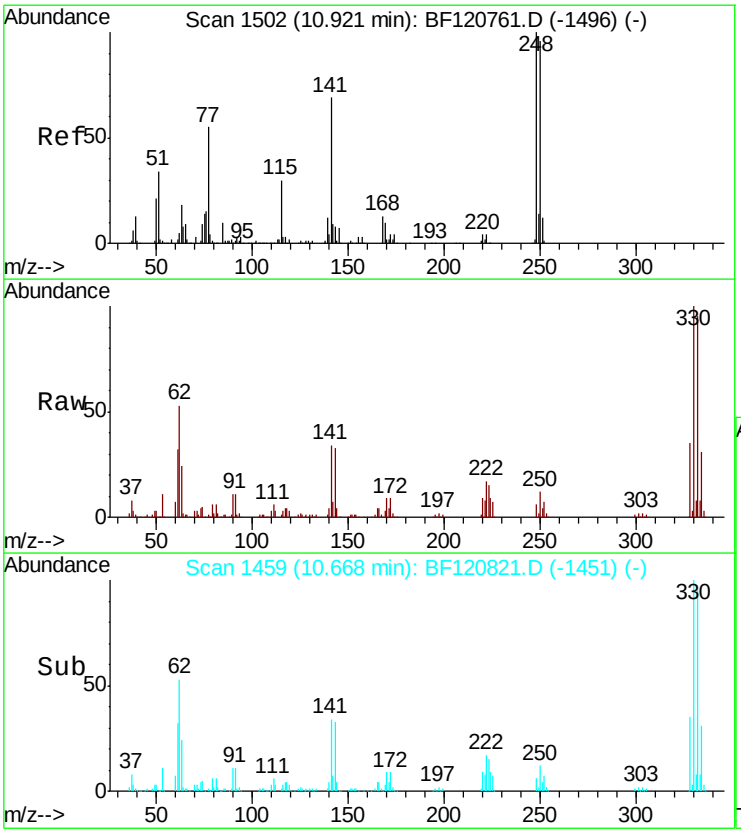
#65
4,6-Dinitro-2-methylphenol
Concen: 7.336 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion:198 Resp: 871

Ion	Ratio	Lower	Upper
198	100		
51	168.2	50.0	90.0#
105	192.5	38.3	78.3#

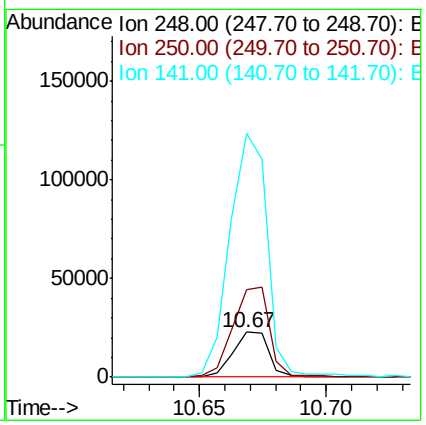


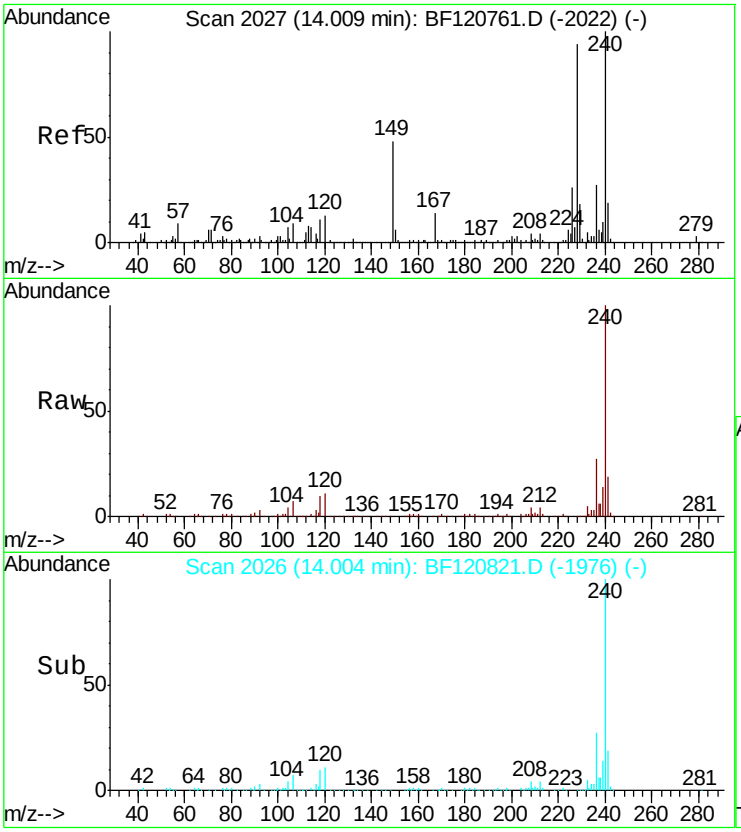


#67
4-Bromophenyl-phenylether
Concen: 3.596 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:248 Resp: 22500

Ion	Ratio	Lower	Upper
248	100		
250	197.1	76.5	114.7#
141	545.7	54.9	82.3#



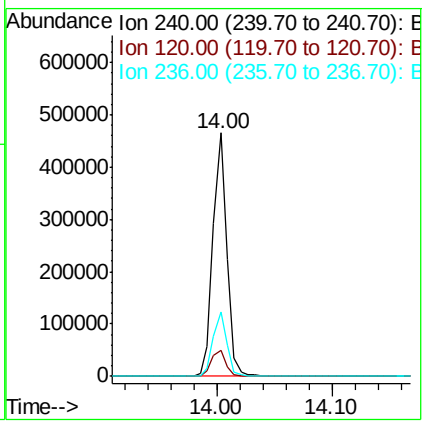


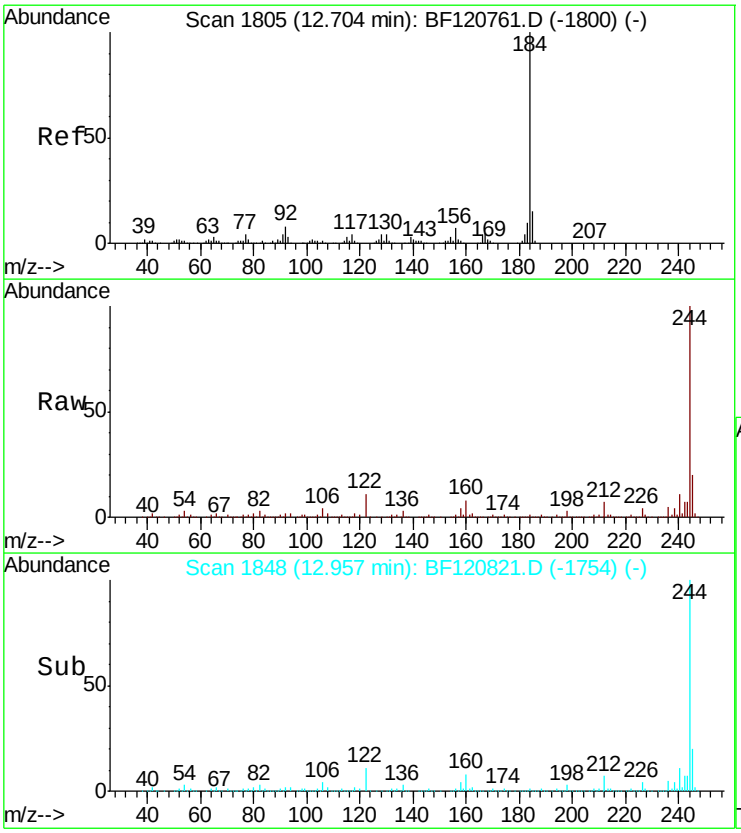
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion:240 Resp: 388531

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.3	15.5
236	26.7	21.4	32.2

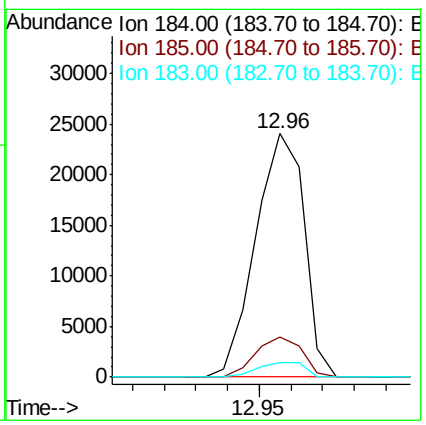


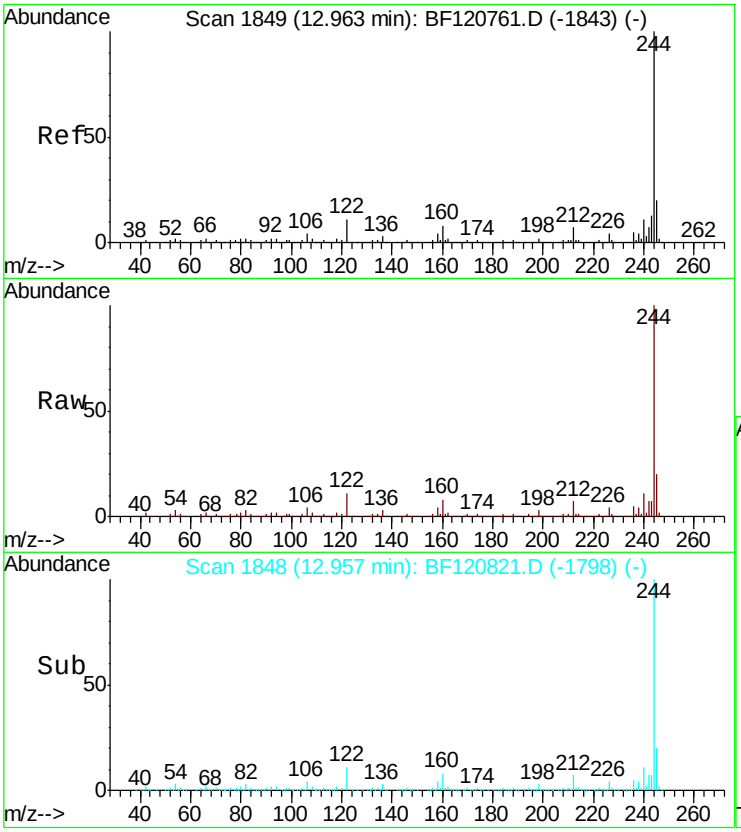


#77
Benzidine
Concen: 2.335 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.25 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:184 Resp: 25604

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.8	17.8
183	5.9	8.3	12.5#



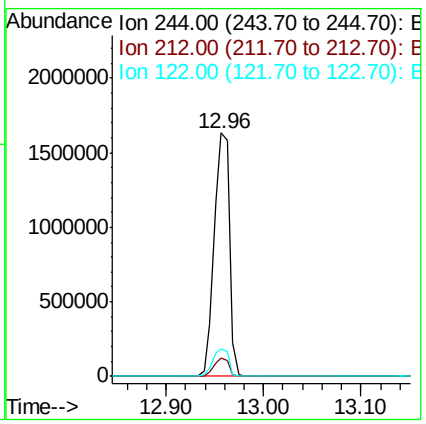


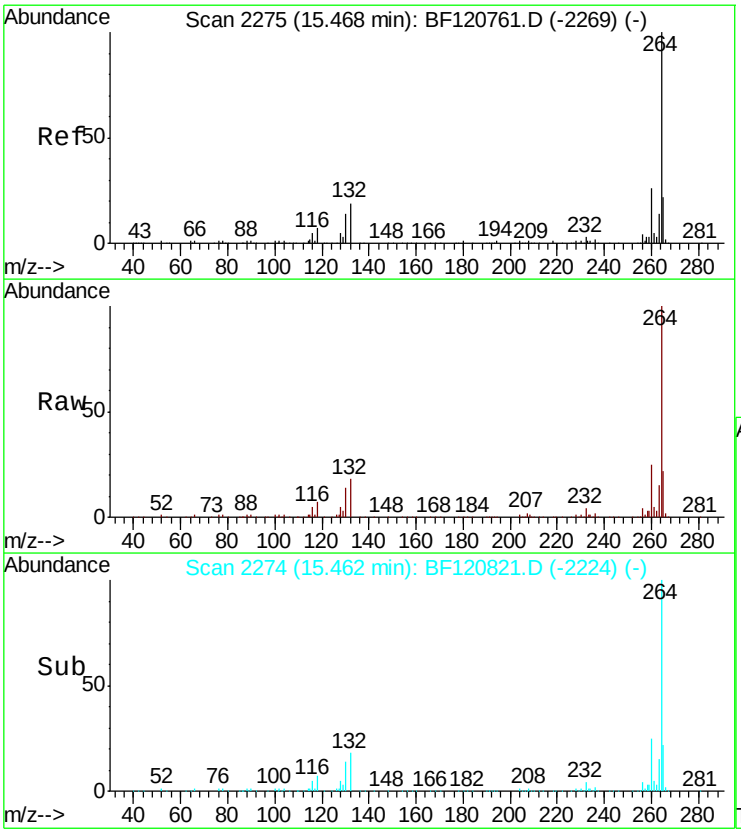
#79
Terphenyl-d14
Concen: 89.574 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Instrument :
BNA_F
ClientSampleId :
PB129999BL

Tgt Ion:244 Resp: 1777538

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.1	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:264 Resp: 330015

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	21.6	17.6	26.4