Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
Data File : BF121765.D
Acq On : 1 Oct 2020 14:04
Operator : JU/CG
Sample : PB131986BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131986BL

Quant Time: Oct 01 14:36:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	139452	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	548231	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	291914	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	573386	20.00	ng	0.00
76) Chrysene-d12	13.93	240	545703	20.00	ng	0.00
86) Perylene-d12	15.36	264	523979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1047966	111.68	ng	0.01
7) Phenol-d6	6.41	99	1343911	109.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	930693	91.15	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	453459	124.99	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1613137	83.69	ng	0.00
79) Terphenyl-d14	12.88	244	2000031	74.25	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	124397	17.533	ng	# 78
25) Isophorone	7.33	82	924538	44.980	ng	# 67
50) Dimethylphthalate	9.80	163	61169	2.891	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	37182	8.252	ng	# 20
57) 2,4-Dinitrotoluene	9.80	165	37182	6.559	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.60	198	727	7.029	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	25783	3.949	ng	# 1

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

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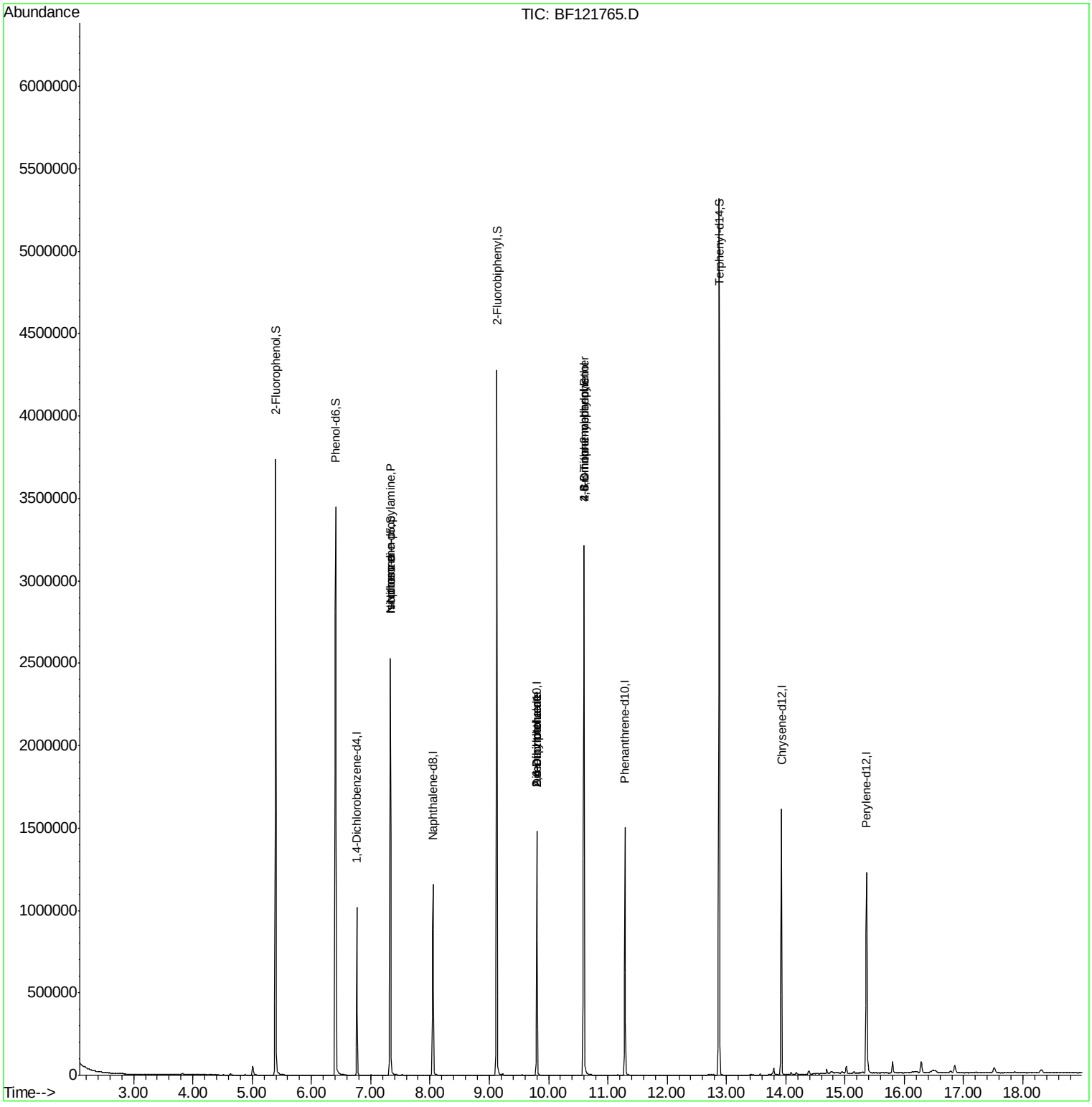
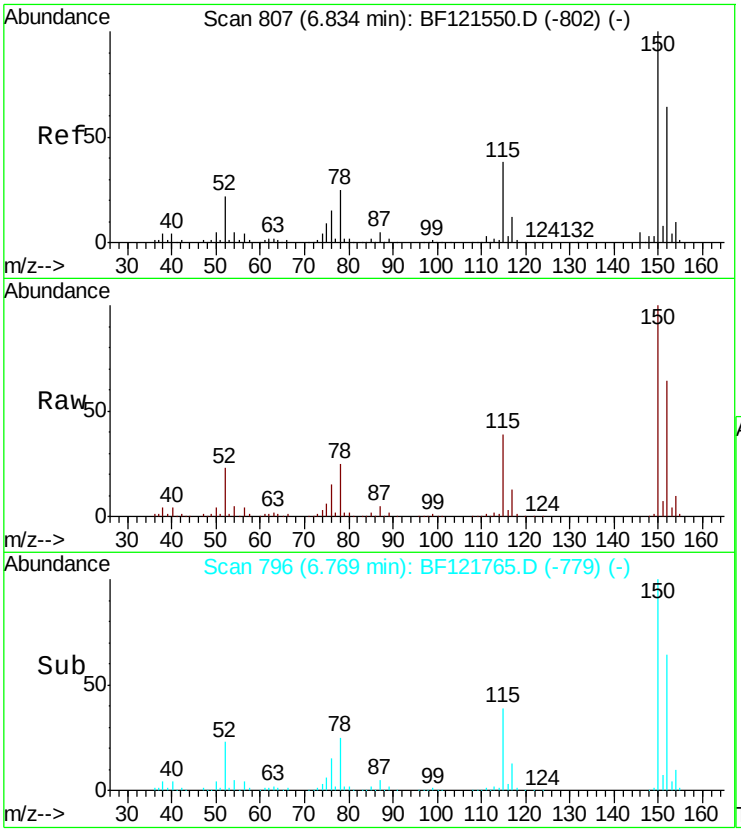


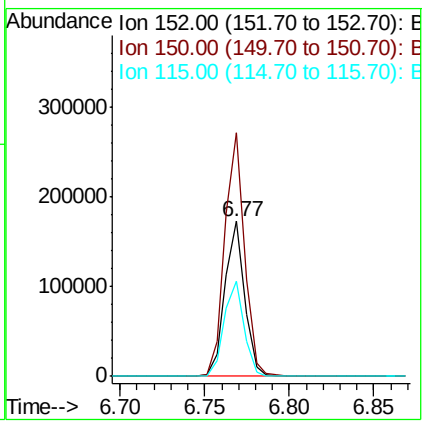


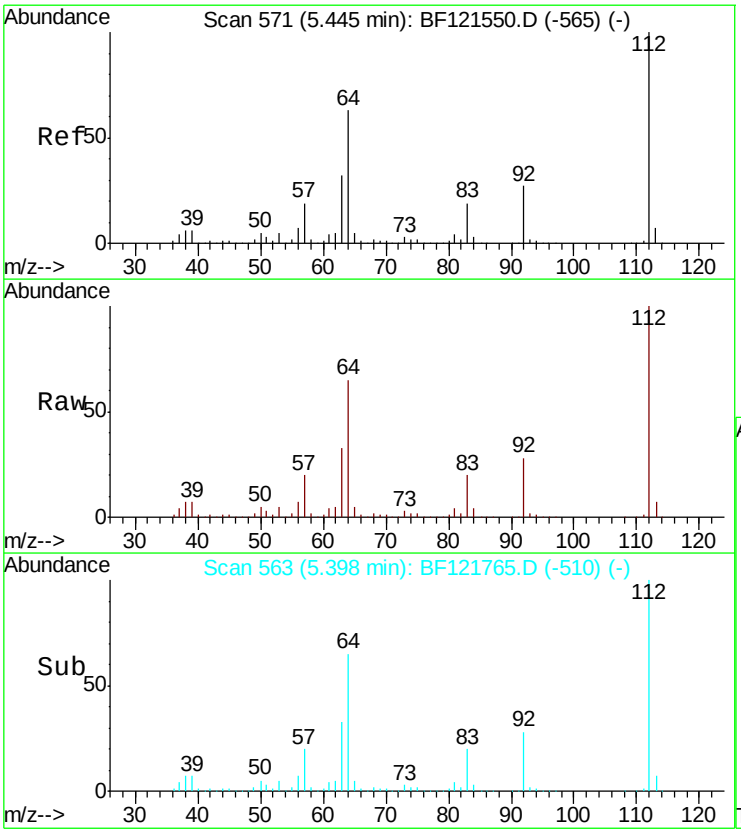
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion:152 Resp: 139452

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	61.7	51.9	77.9

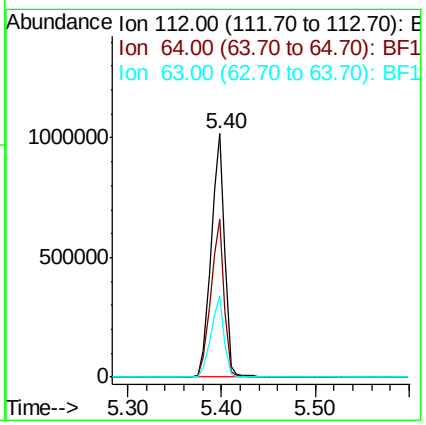


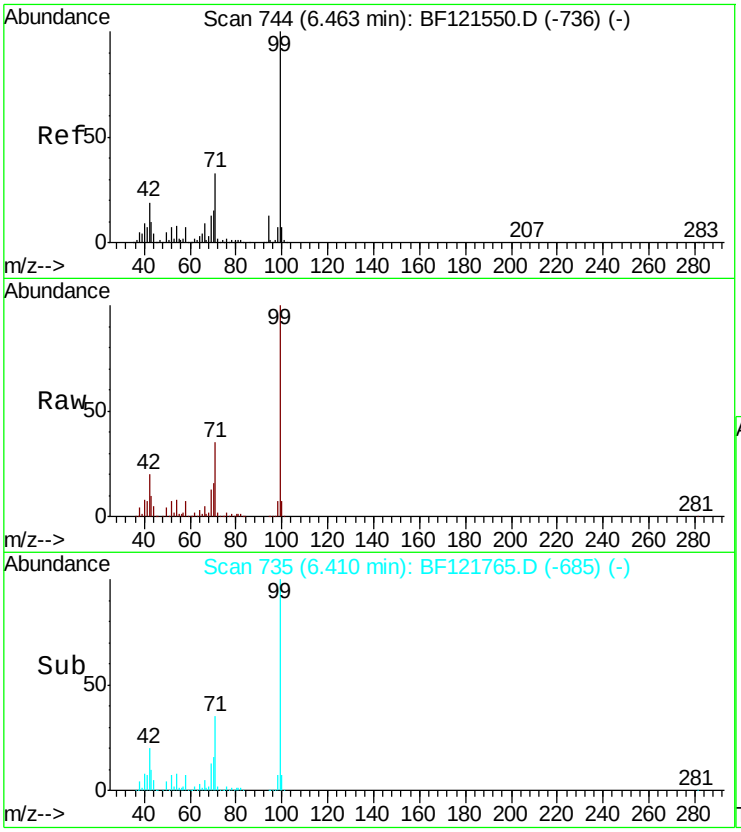


#5
2-Fluorophenol
Concen: 111.681 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion:112 Resp: 1047966

Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.4	75.6
63	33.1	25.8	38.6



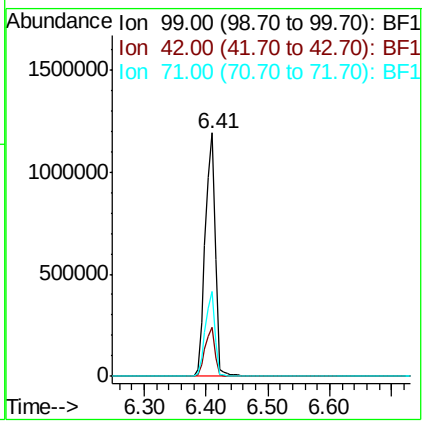


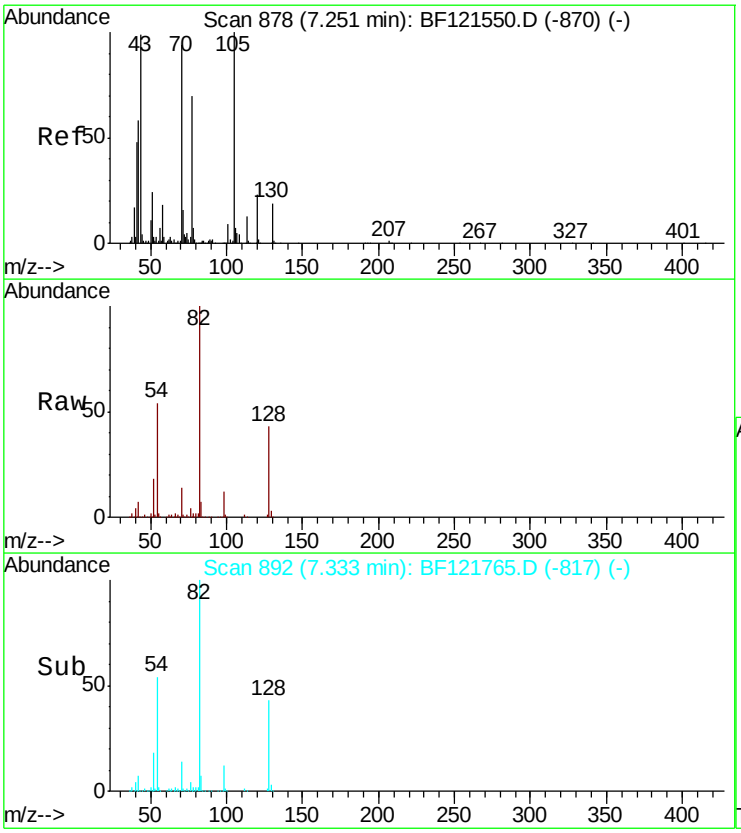
#7
Phenol-d6
Concen: 109.166 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion: 99 Resp: 1343911

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.9	23.9
71	34.9	27.1	40.7

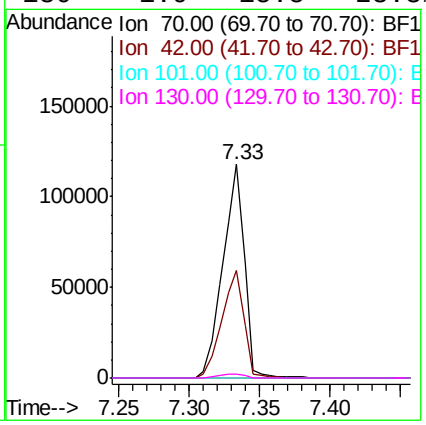


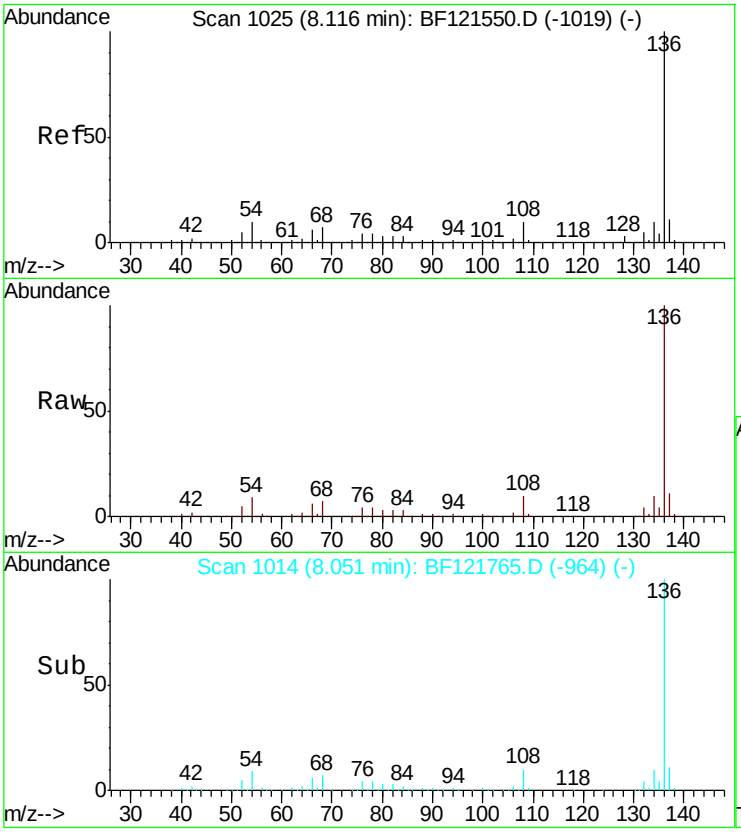


#19
n-Nitroso-di-n-propylamine
Concen: 17.533 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion: 70 Resp: 124397

Ion	Ratio	Lower	Upper
70	100		
42	50.2	50.2	75.4#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



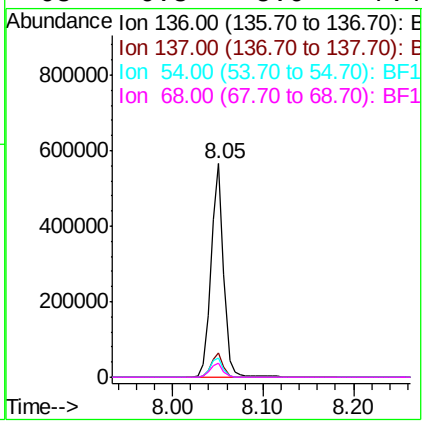


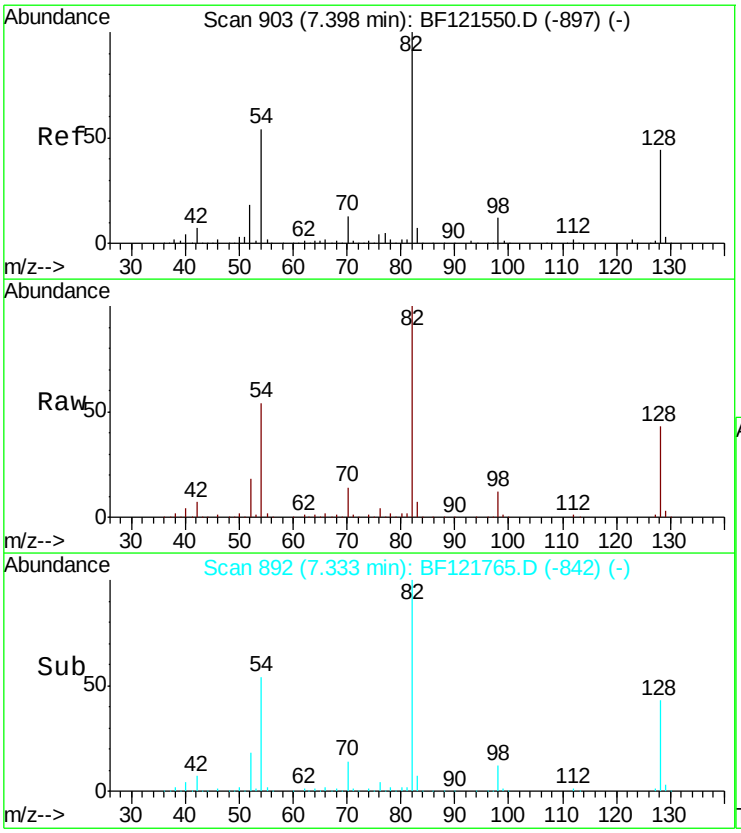
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion:136 Resp: 548231

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.2	7.1	10.7
68	6.8	5.0	7.4

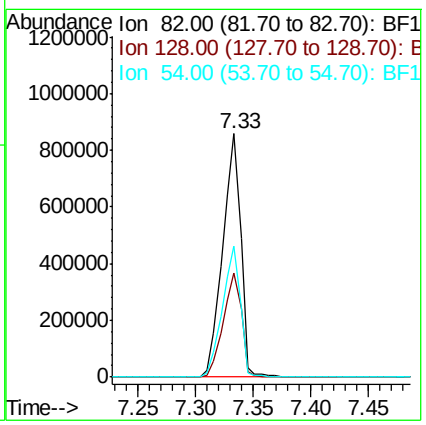


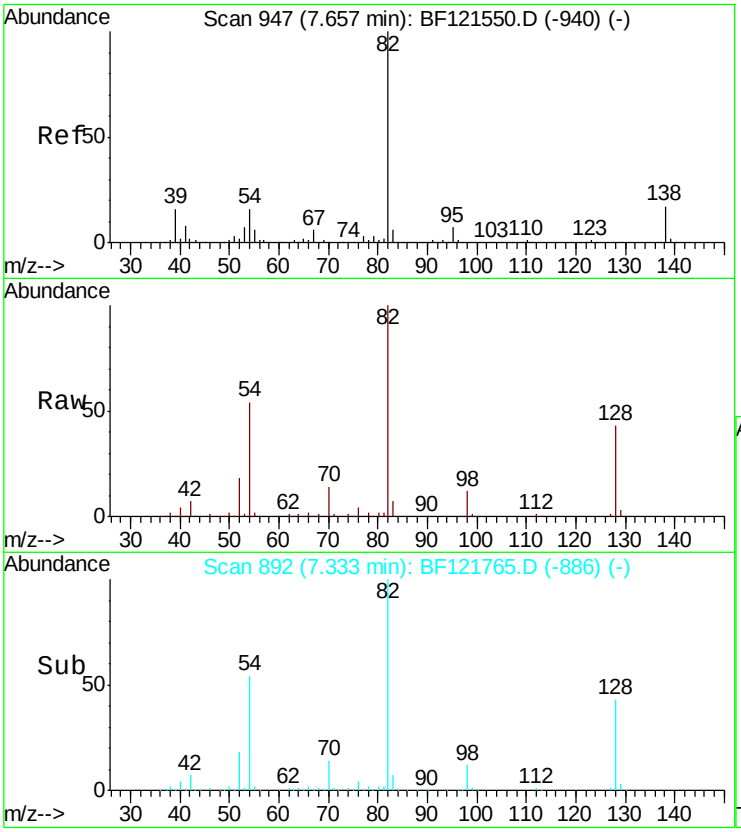


#23
Nitrobenzene-d5
Concen: 91.149 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion: 82 Resp: 930693

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.0	52.4
54	53.8	43.9	65.9



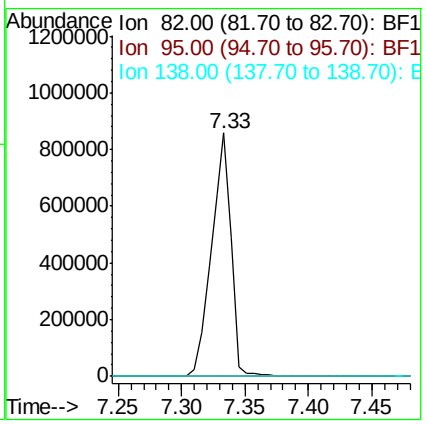


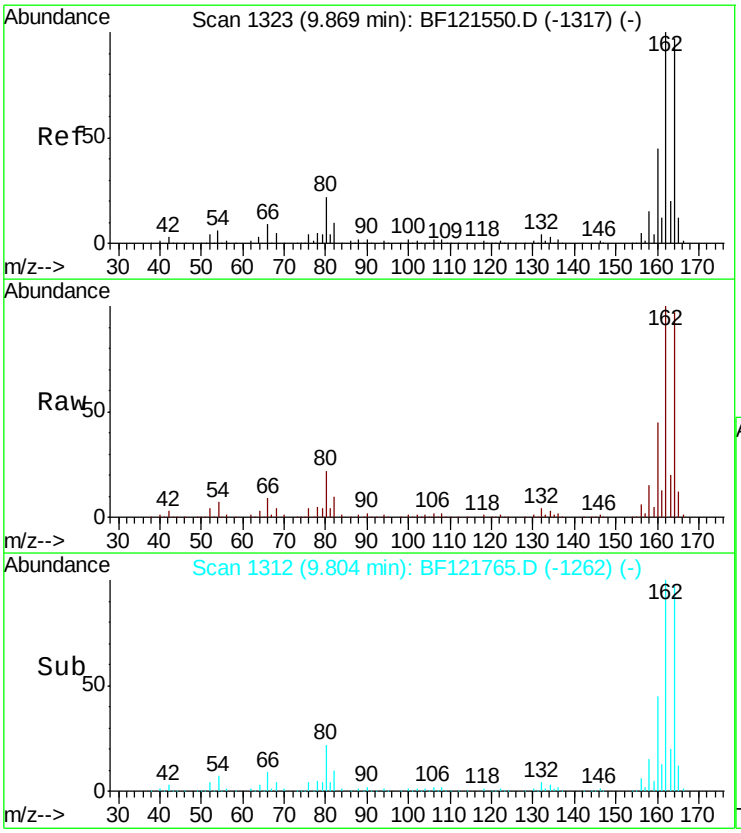
#25
Isophorone
Concen: 44.980 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion: 82 Resp: 924538

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

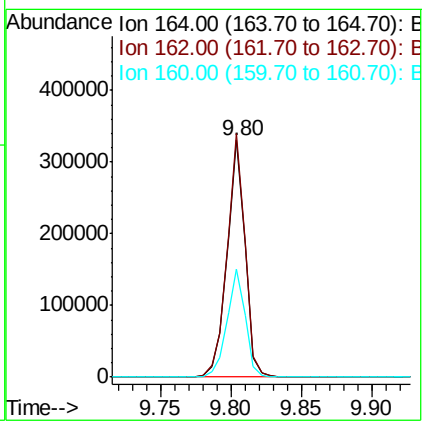


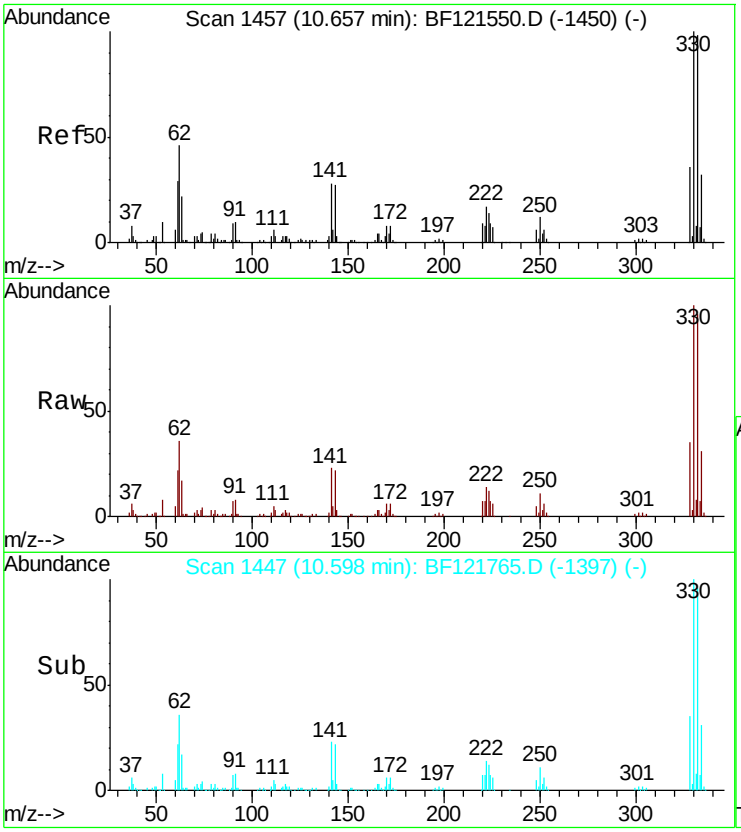


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion:164 Resp: 291914

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.2	124.8
160	45.8	37.5	56.3



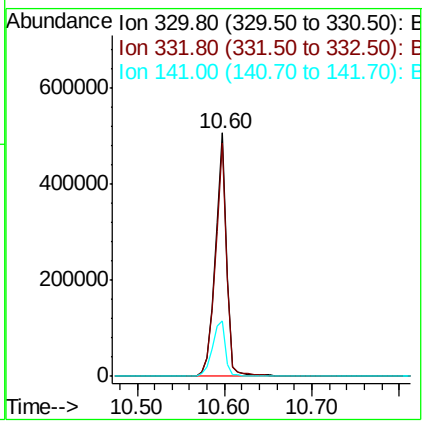


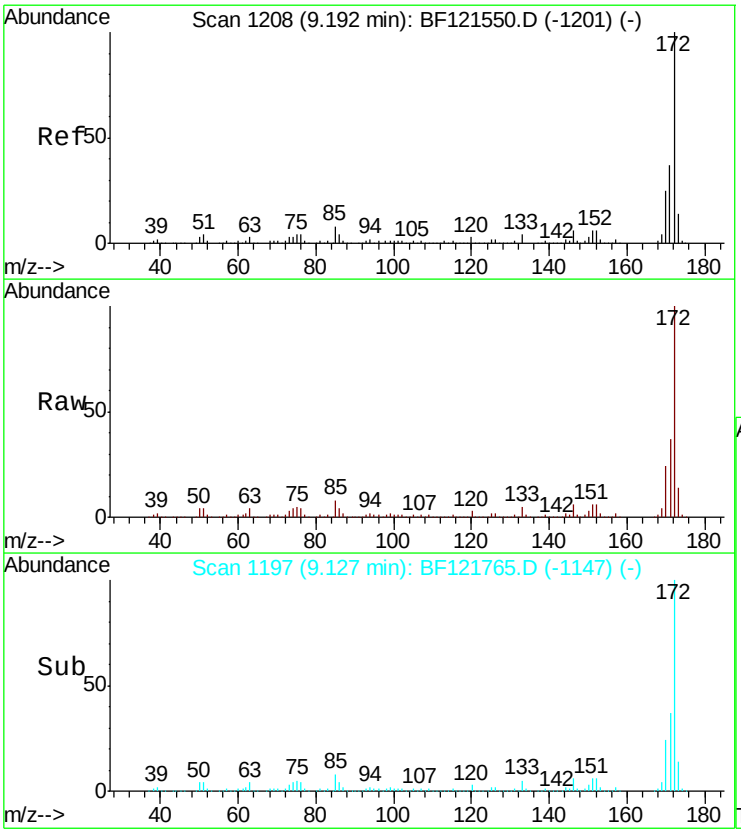
#42
2,4,6-Tribromophenol
Concen: 124.985 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument : BNA_F
ClientSampleId : PB131986BL

Tgt Ion:330 Resp: 453459

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	26.8	22.3	33.5

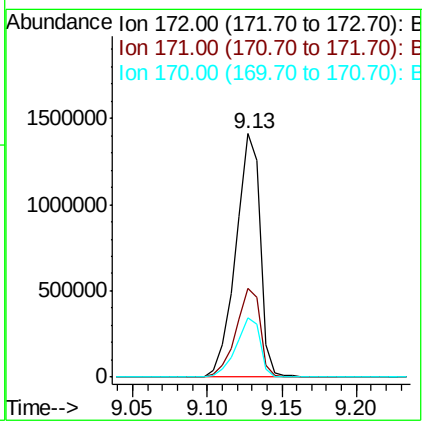


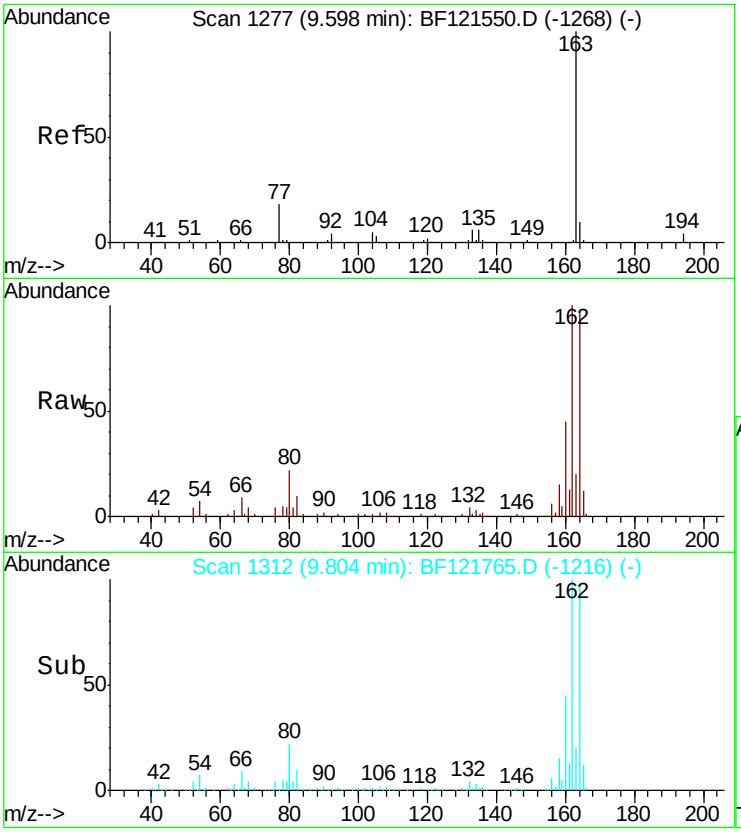


#45
2-Fluorobiphenyl
Concen: 83.694 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion:172 Resp: 1613137

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.3	19.8	29.6



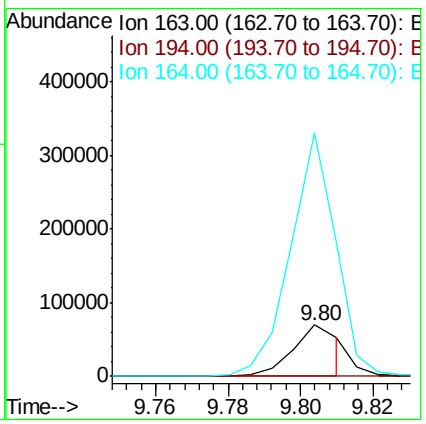


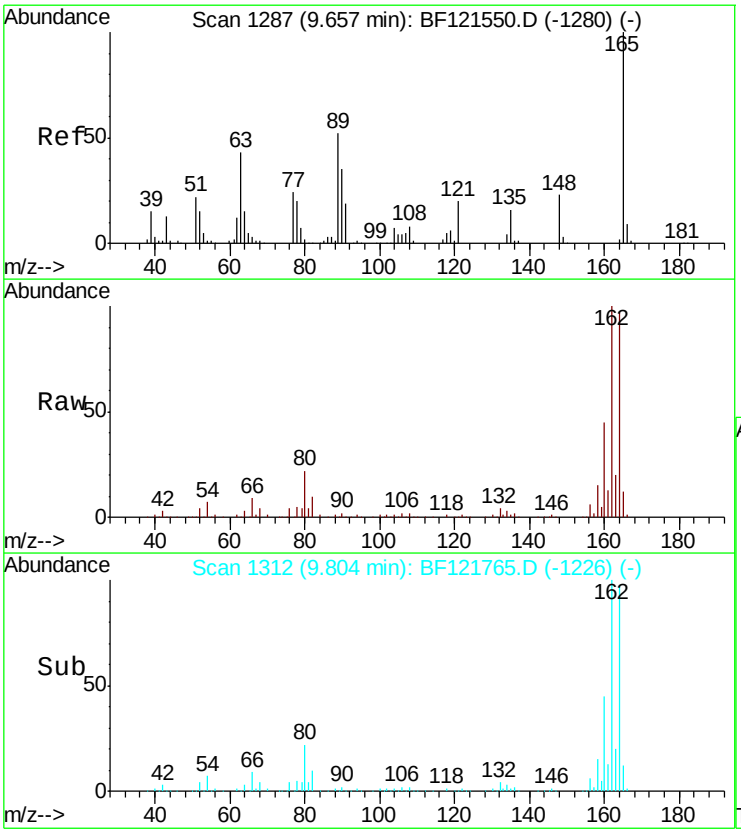
#50
Dimethylphthalate
Concen: 2.891 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.26 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion:163 Resp: 61169

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	476.0	8.2	12.4#

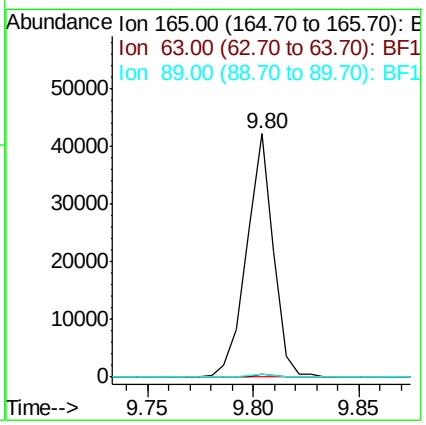


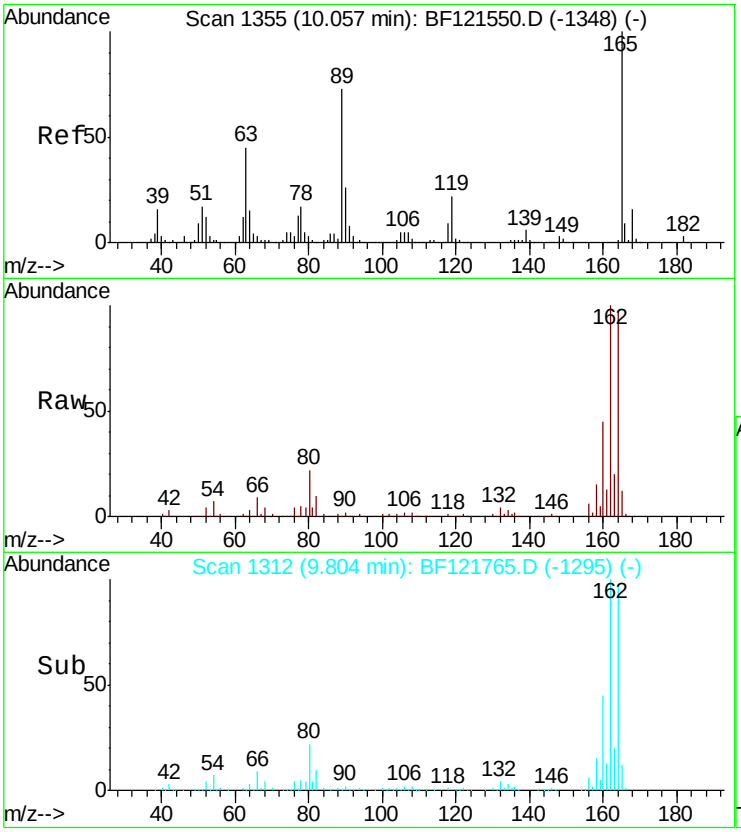


#51
2,6-Dinitrotoluene
Concen: 8.252 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.21 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion:165 Resp: 37182

Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.6#
89	1.2	49.0	73.6#



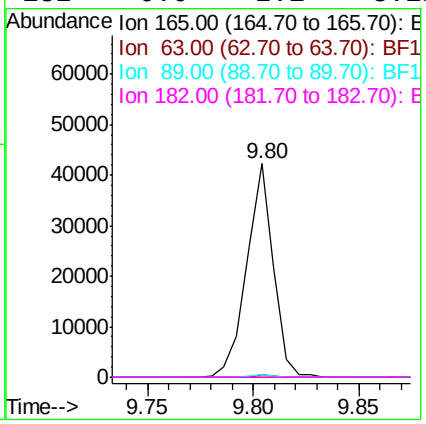


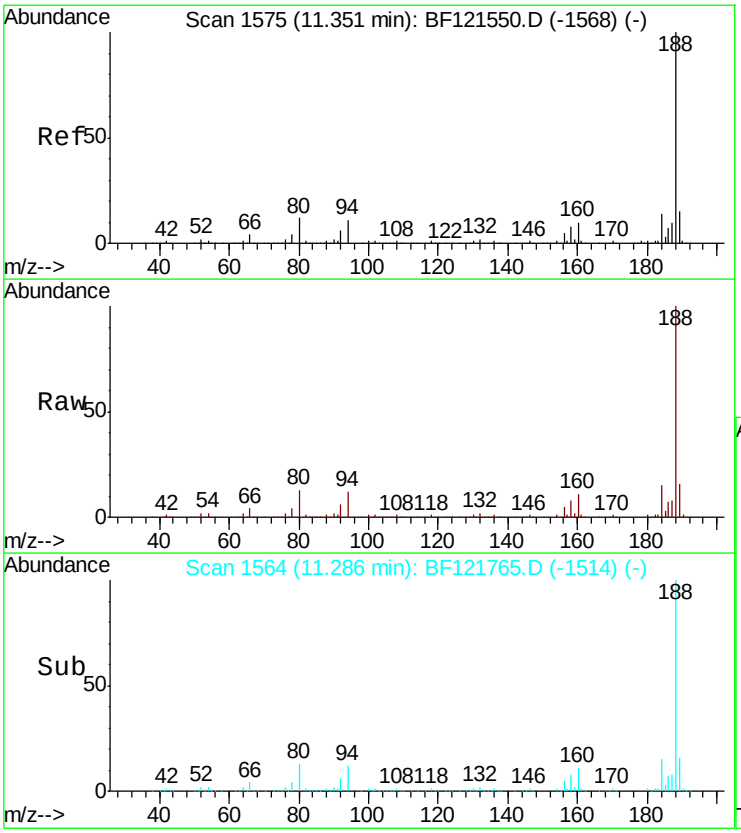
#57
2,4-Dinitrotoluene
Concen: 6.559 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion:165 Resp: 37182

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.3	61.9#
89	1.2	61.8	92.8#
182	0.0	2.1	3.1#

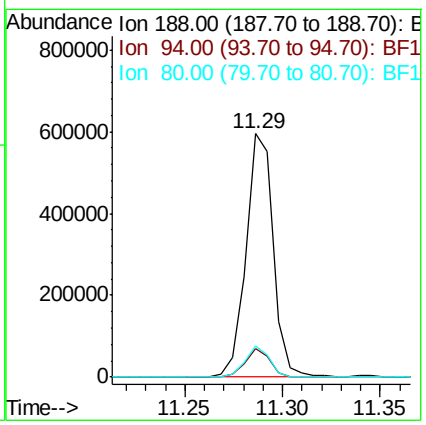


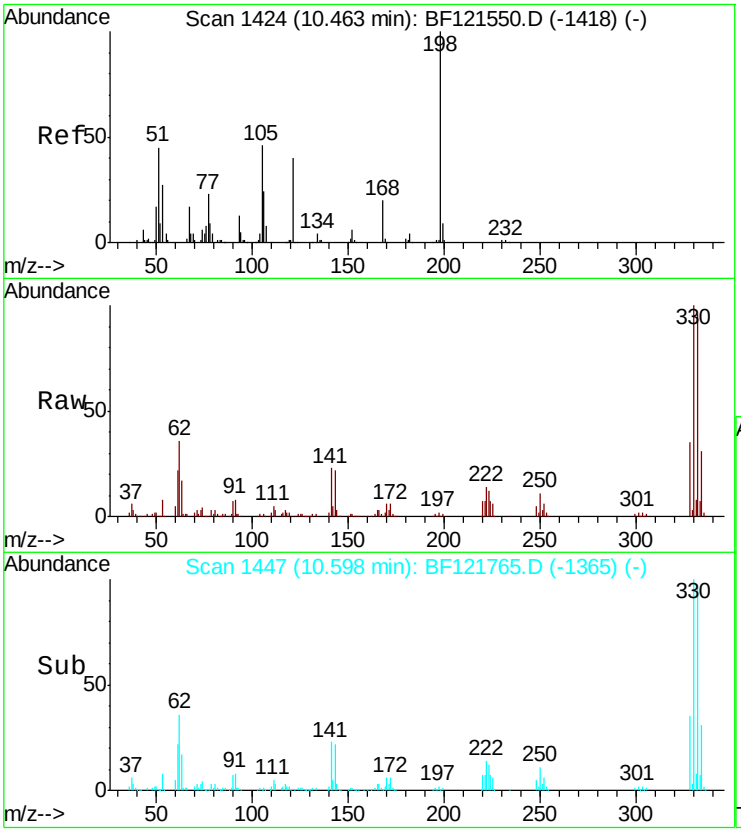


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion:188 Resp: 573386

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.3	12.5
80	12.8	9.1	13.7



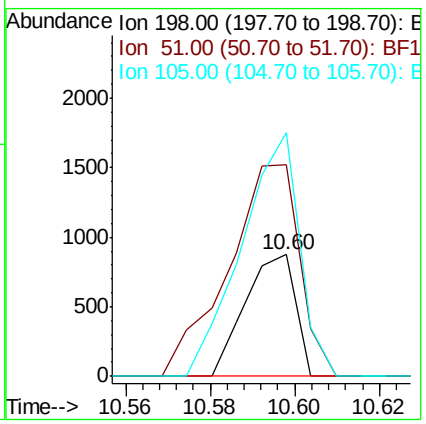


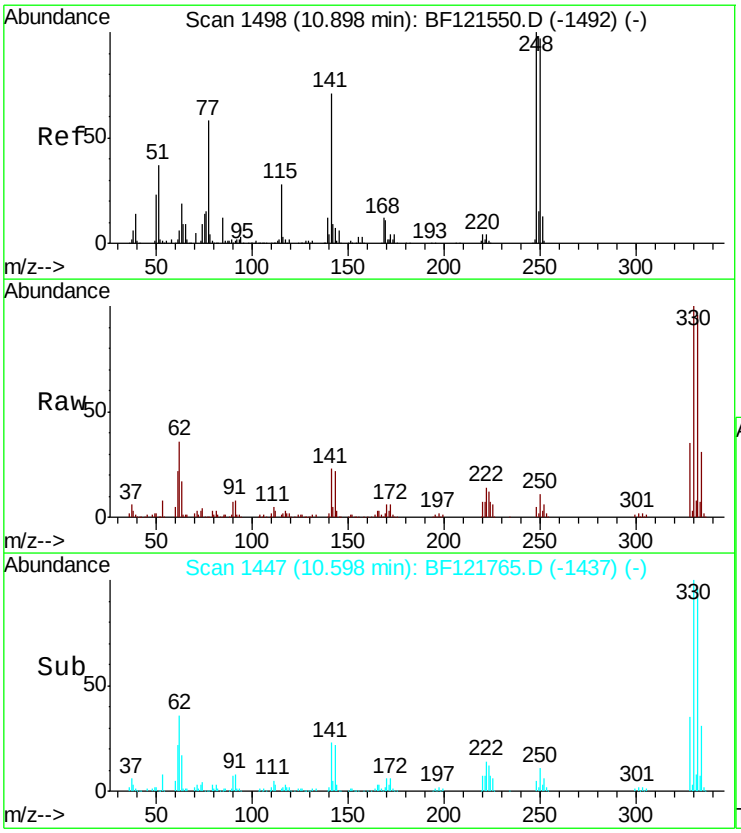
#65
4,6-Dinitro-2-methylphenol
Concen: 7.029 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.18 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion:198 Resp: 727

Ion	Ratio	Lower	Upper
198	100		
51	174.0	29.6	69.6#
105	199.9	24.4	64.4#

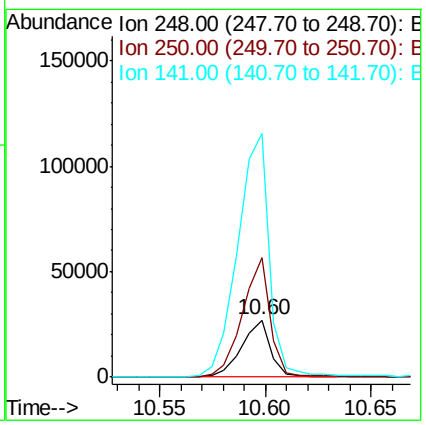


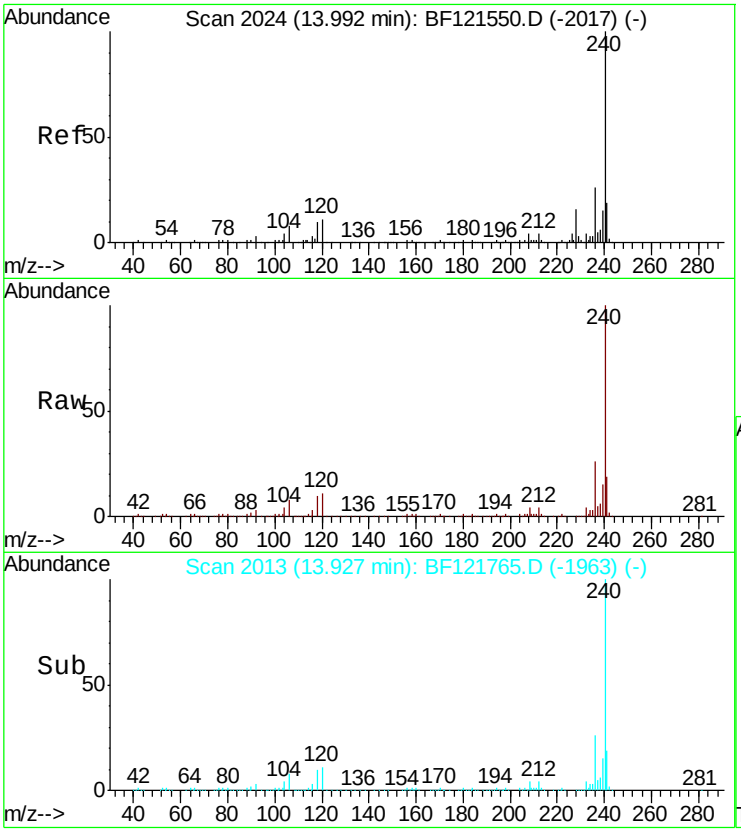


#67
4-Bromophenyl-phenylether
Concen: 3.949 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.24 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion:248 Resp: 25783

Ion	Ratio	Lower	Upper
248	100		
250	208.0	77.0	115.6#
141	424.8	53.7	80.5#



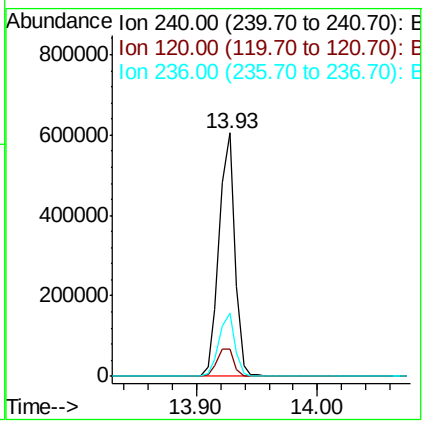


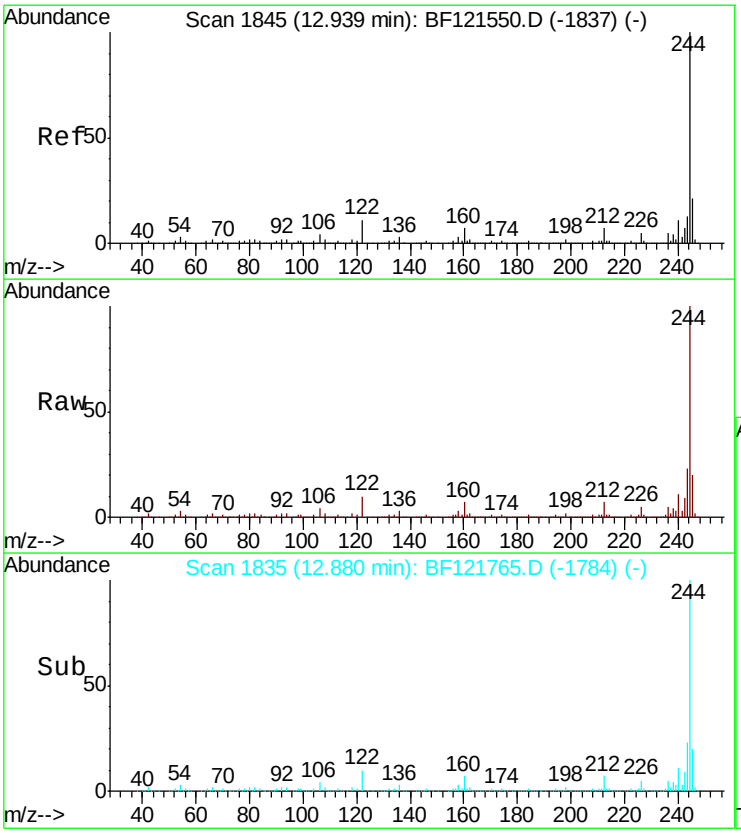
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion:240 Resp: 545703

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.2	13.8
236	25.8	20.9	31.3

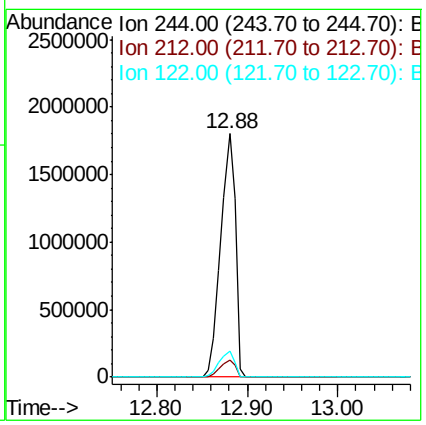


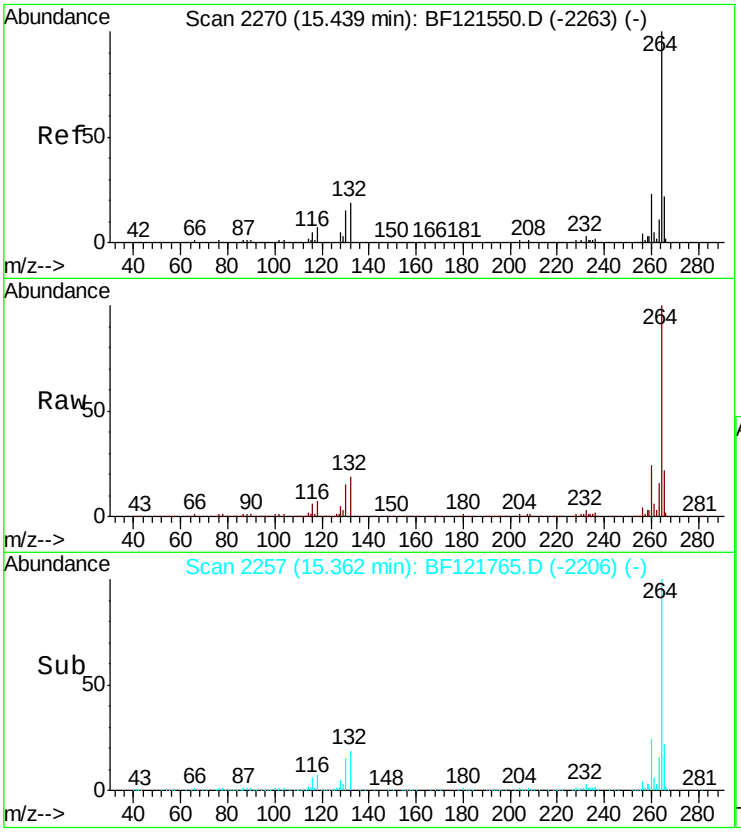


#79
Terphenyl-d14
Concen: 74.250 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion:244 Resp: 2000031

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.5	8.1	12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tgt Ion:264 Resp: 523979

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.8	17.3	25.9