Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121850.D
Acq On : 6 Oct 2020 13:53
Operator : JU/CG
Sample : L4241-03MSD 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-18(0-1)MSD

Quant Time: Oct 06 14:48:54 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	6.76	152	103084	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	399859	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	196568	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	333421	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	216248	20.00	ng	-0.01
86) Perylene-d12	15.36	264	235138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	16333	2.35	ng	0.00
7) Phenol-d6	6.41	99	23125	2.54	ng	0.00
23) Nitrobenzene-d5	7.33	82	16332	2.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	3421	1.40	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	32015	2.47	ng	-0.02
79) Terphenyl-d14	12.86	244	26339	2.47	ng	-0.02
Target Compounds						Qvalue
22) Acetophenone	7.16	105	21873	2.156	ng	# 47
26) 2-Nitrophenol	7.67	139	3408	3.410	ng	# 76
32) Benzoic acid	7.71	122	6038	7.970	ng	# 35
35) Caprolactam	8.47	113	7086	3.491	ng	# 32
37) 2-Methylnaphthalene	8.76	142	37823	2.734	ng	97
38) 1-Methylnaphthalene	8.76	142	37823	2.938	ng	91
54) 2,4-Dinitrophenol	10.09	184	261	9.180	ng	# 39
65) 4,6-Dinitro-2-methylphenol	10.53	198	108	6.897	ng	# 1
66) n-Nitrosodiphenylamine	10.46	169	23243	2.032	ng	# 81

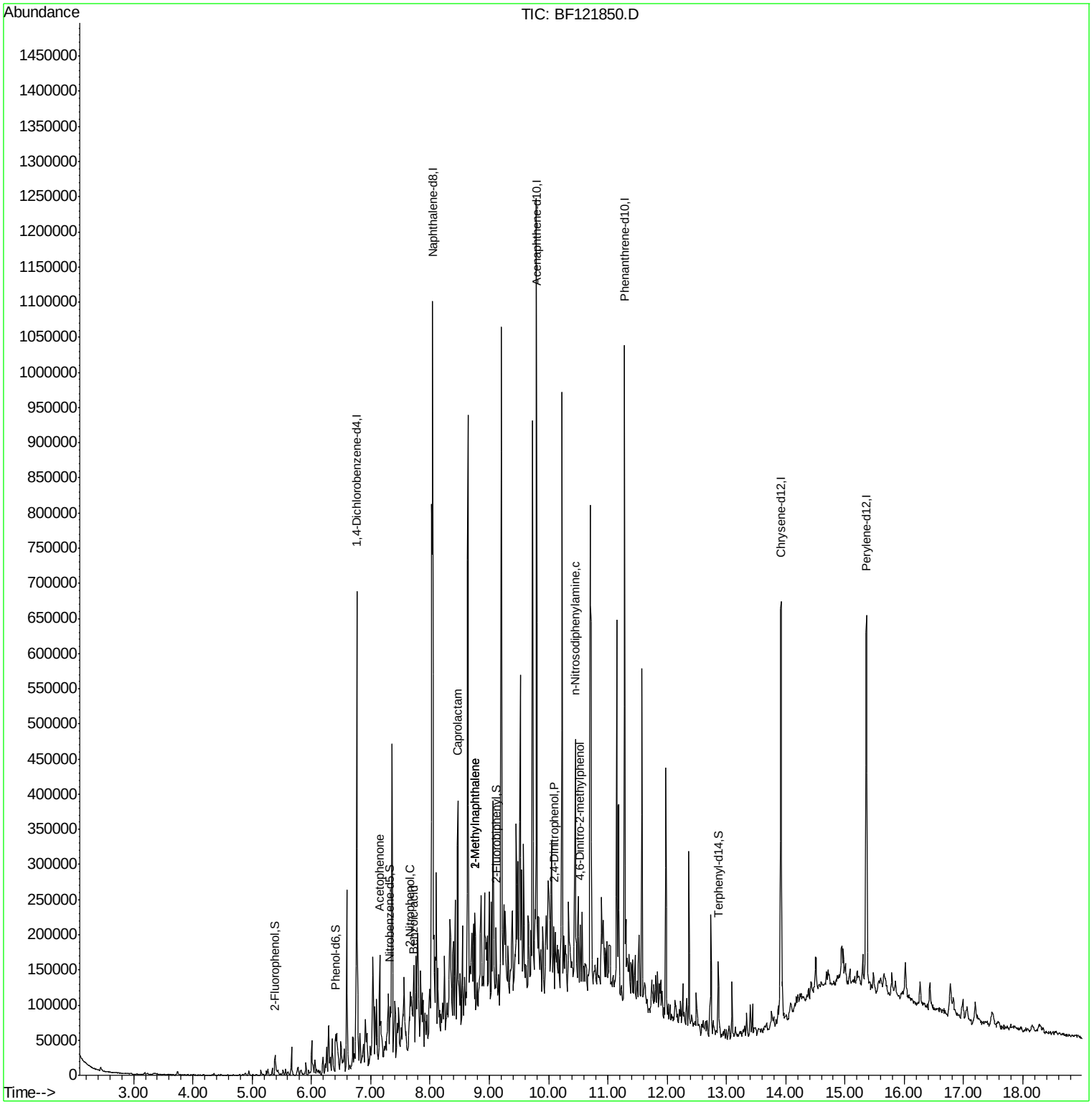
(#) = qualifier out of range (m) = manual integration (+) = signals summed

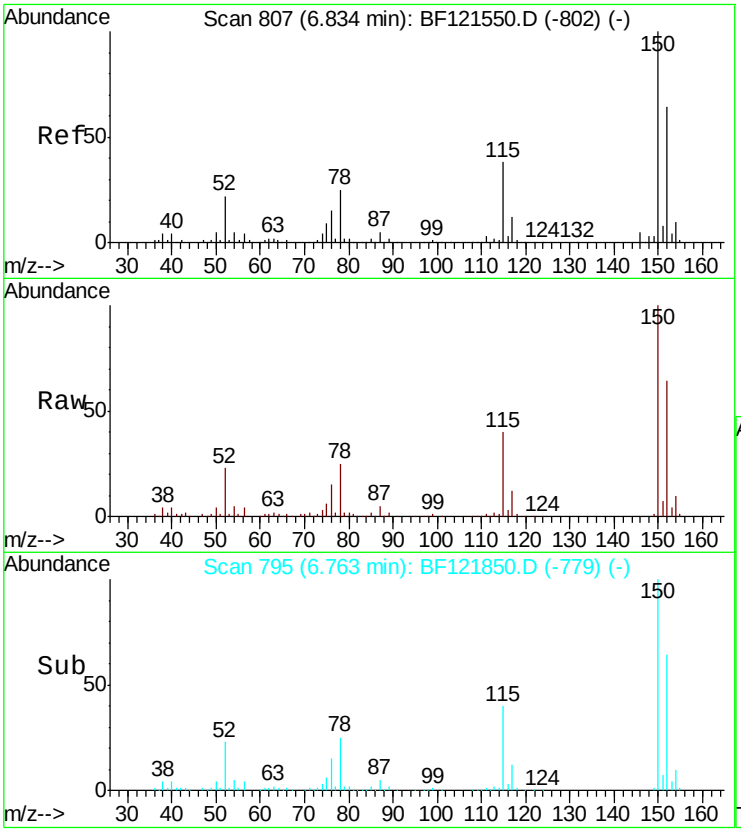
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121850.D
Acq On : 6 Oct 2020 13:53
Operator : JU/CG
Sample : L4241-03MSD 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Quant Time: Oct 06 14:48:54 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



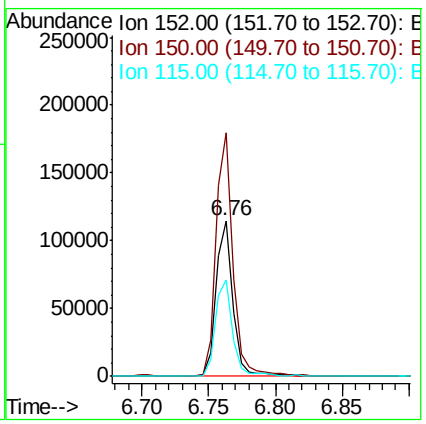


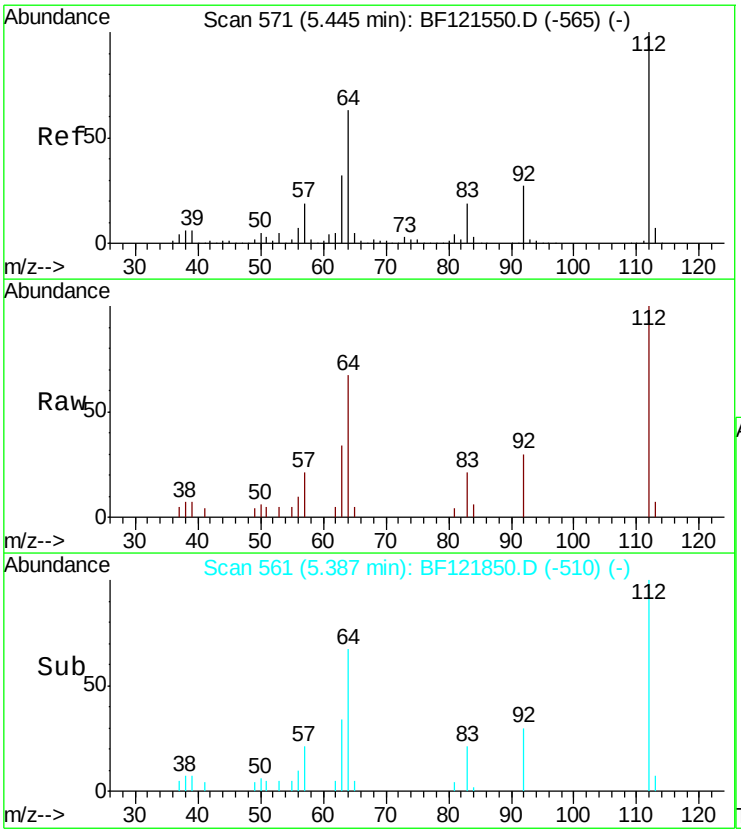
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:152 Resp: 103084

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.3	187.9
115	62.0	51.9	77.9

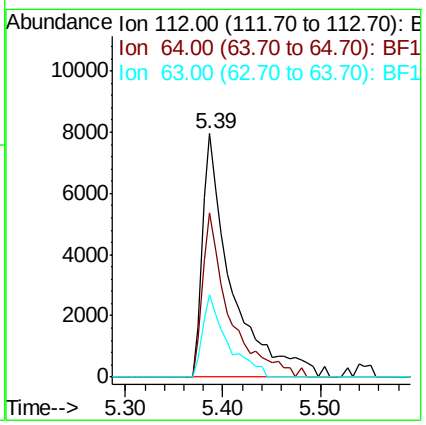


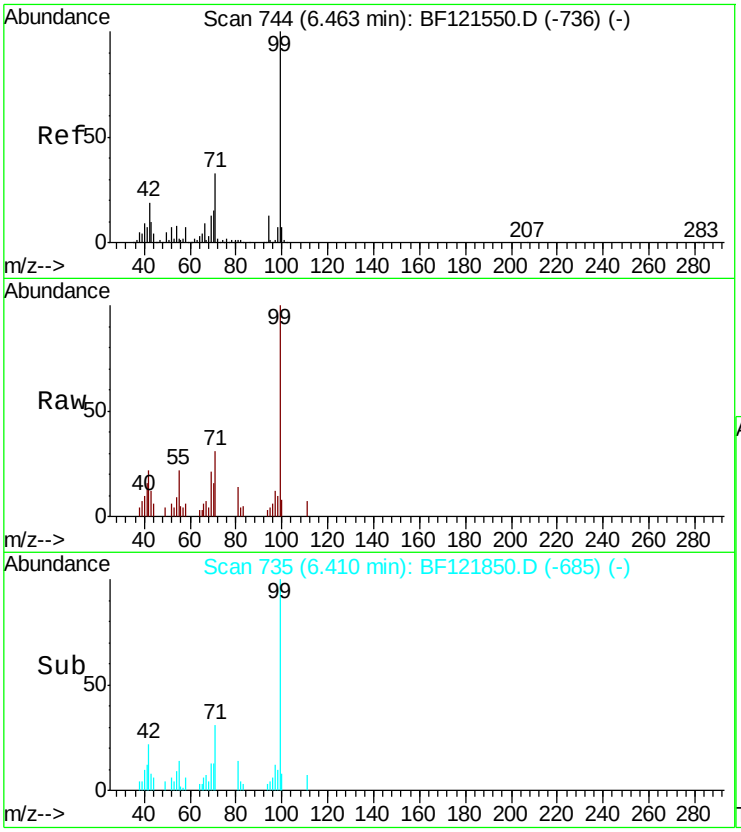


#5
2-Fluorophenol
Concen: 2.355 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:112 Resp: 16333

Ion	Ratio	Lower	Upper
112	100		
64	67.4	50.4	75.6
63	34.0	25.8	38.6



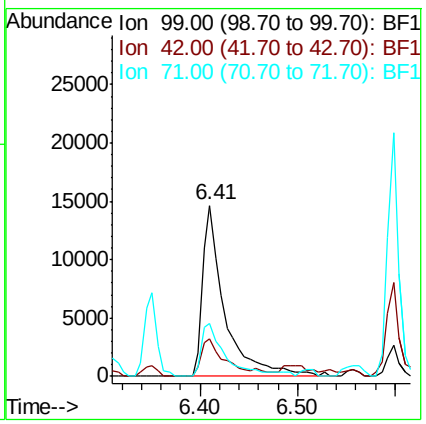


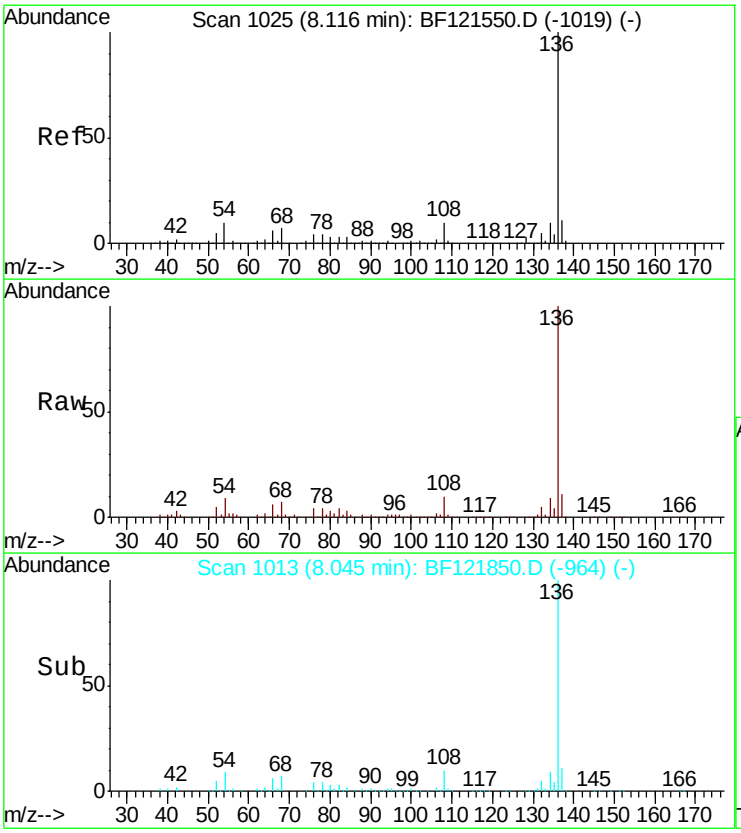
#7
Phenol-d6
Concen: 2.541 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion: 99 Resp: 23125

Ion	Ratio	Lower	Upper
99	100		
42	21.9	15.9	23.9
71	30.7	27.1	40.7

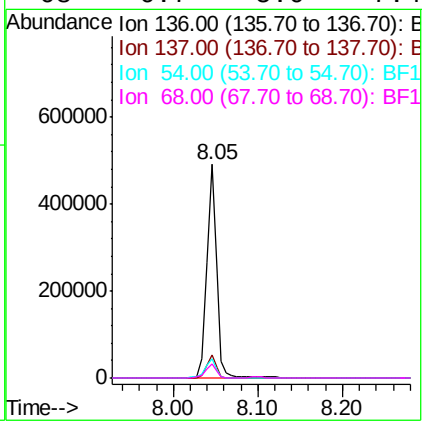


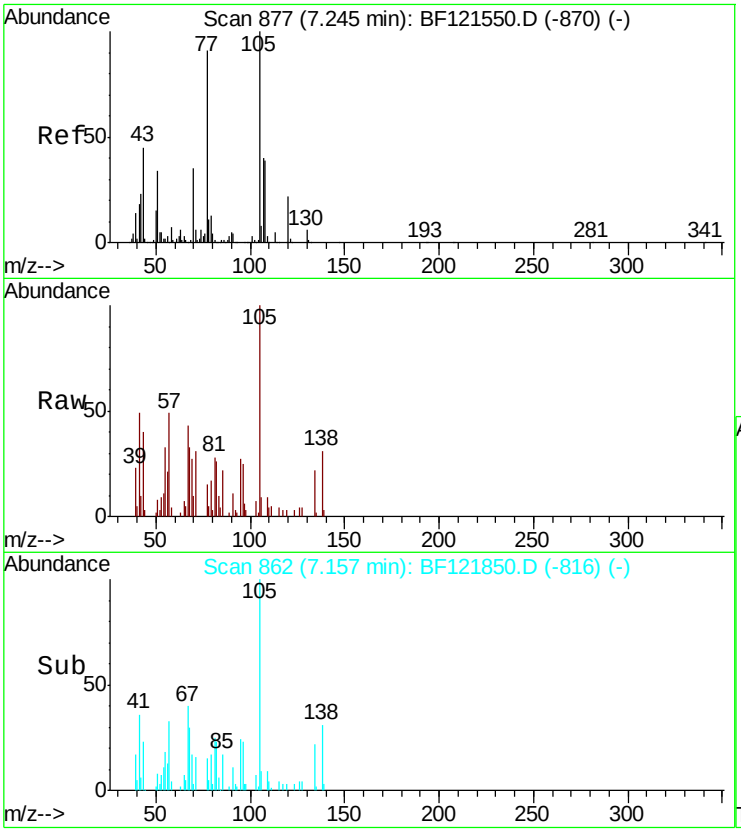


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:136 Resp: 399859

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.1	7.1	10.7
68	6.7	5.0	7.4



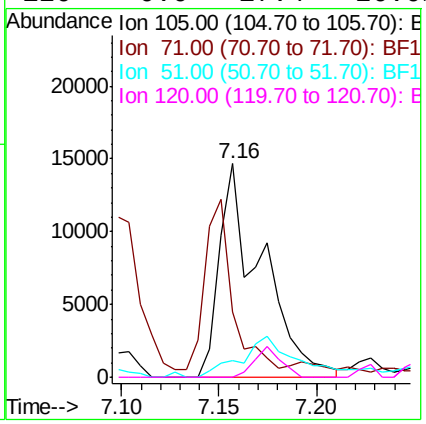


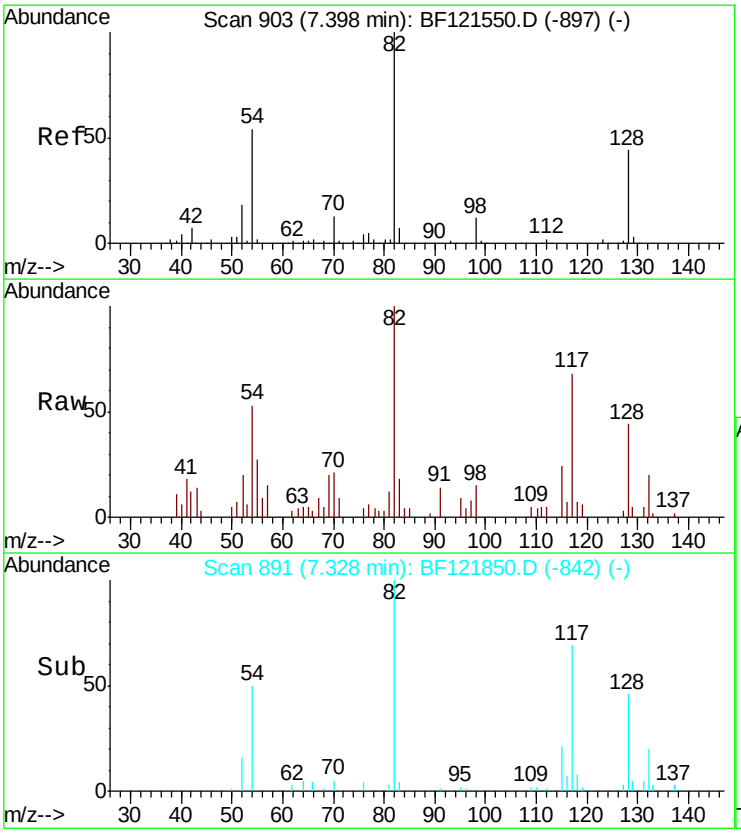
#22
Acetophenone
Concen: 2.156 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:105 Resp: 21873

Ion	Ratio	Lower	Upper
105	100		
71	30.7	5.3	7.9#
51	7.6	33.2	49.8#
120	0.0	17.4	26.0#

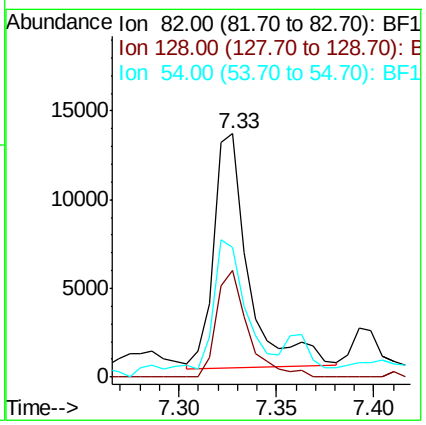


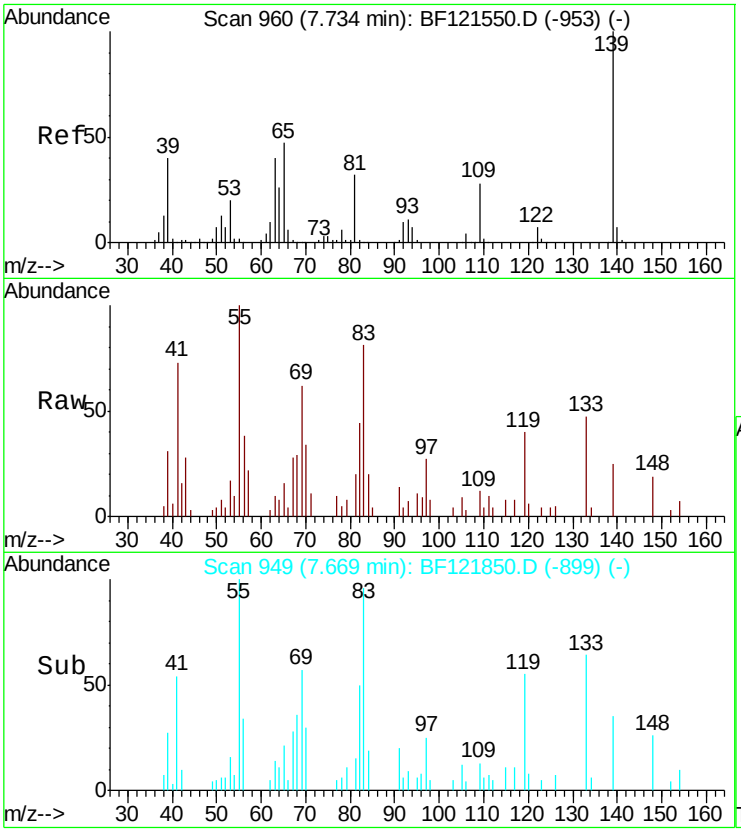


#23
Nitrobenzene-d5
Concen: 2.193 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion: 82 Resp: 16332

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.0	52.4
54	53.3	43.9	65.9



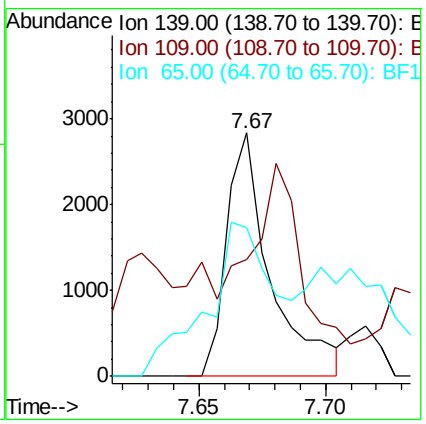


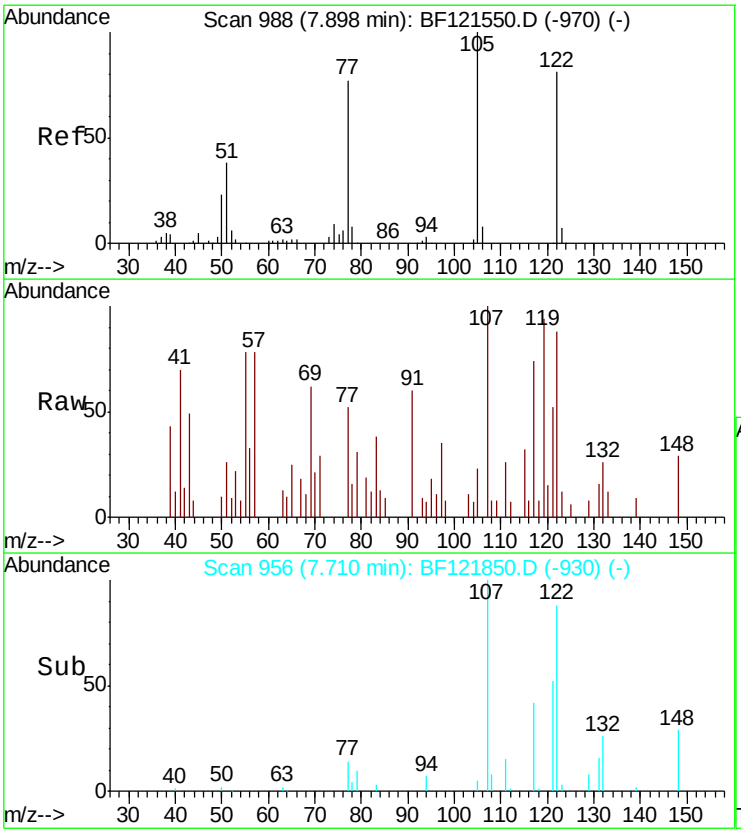
#26
2-Nitrophenol
Concen: 3.410 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:139 Resp: 3408

Ion	Ratio	Lower	Upper
139	100		
109	48.2	23.0	34.4#
65	61.1	39.9	59.9#

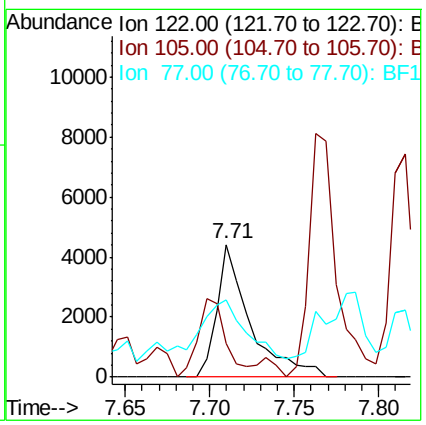


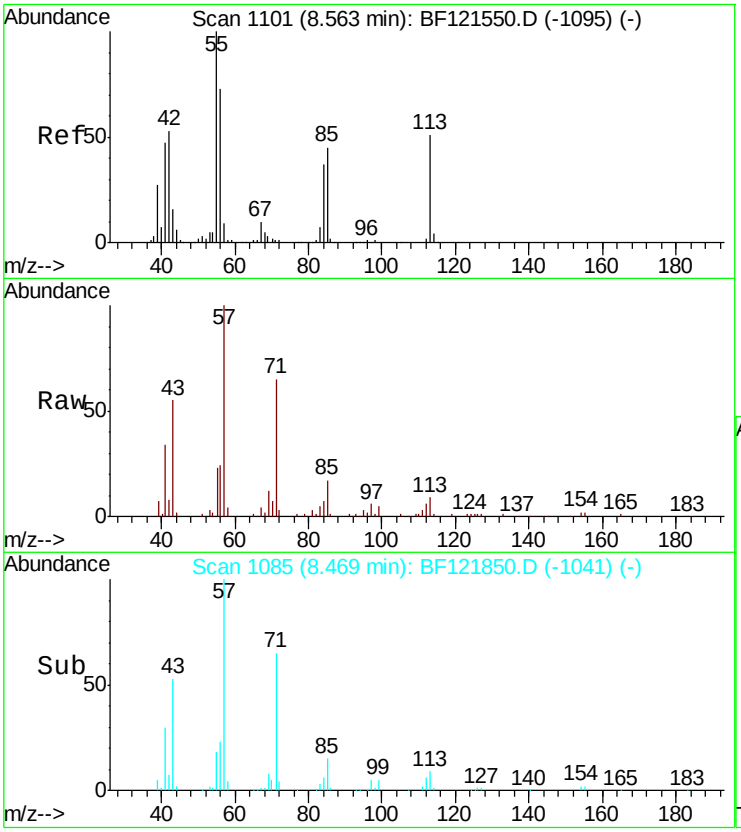


#32
Benzoic acid
Concen: 7.970 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.15 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:122 Resp: 6038

Ion	Ratio	Lower	Upper
122	100		
105	25.4	103.3	143.3#
77	58.5	73.9	113.9#



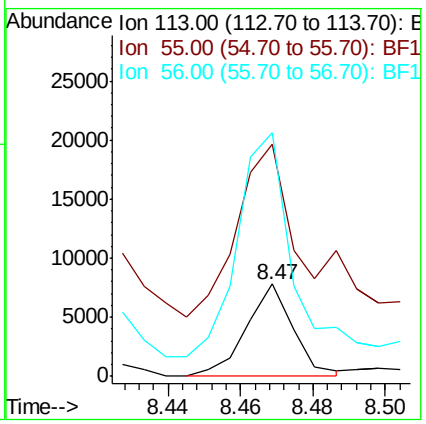


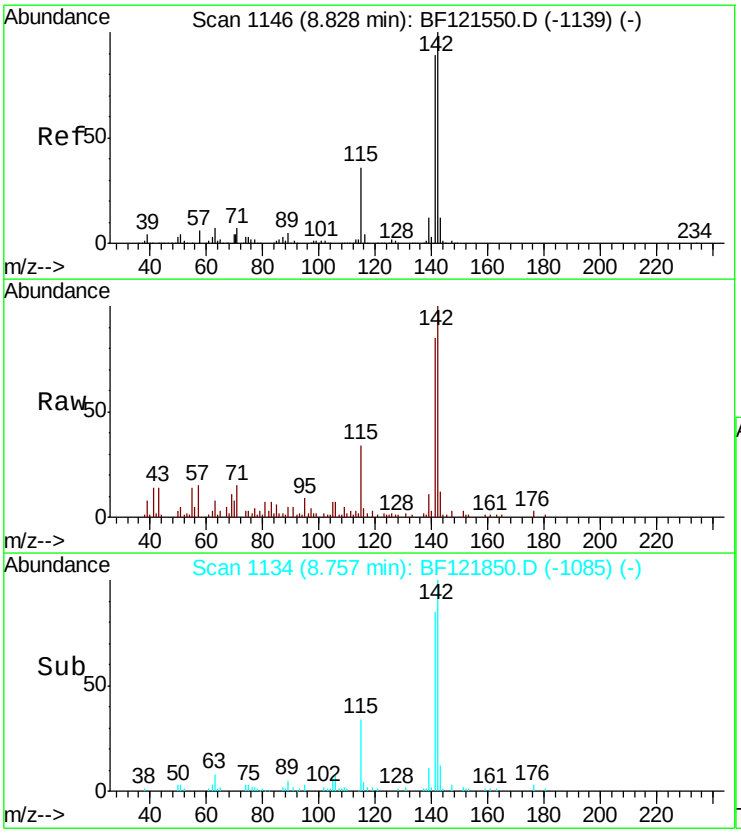
#35
Caprolactam
Concen: 3.491 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:113 Resp: 7086

Ion	Ratio	Lower	Upper
113	100		
55	251.4	167.5	207.5#
56	263.3	121.2	161.2#

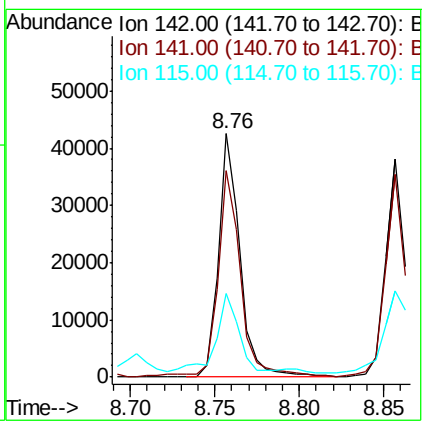


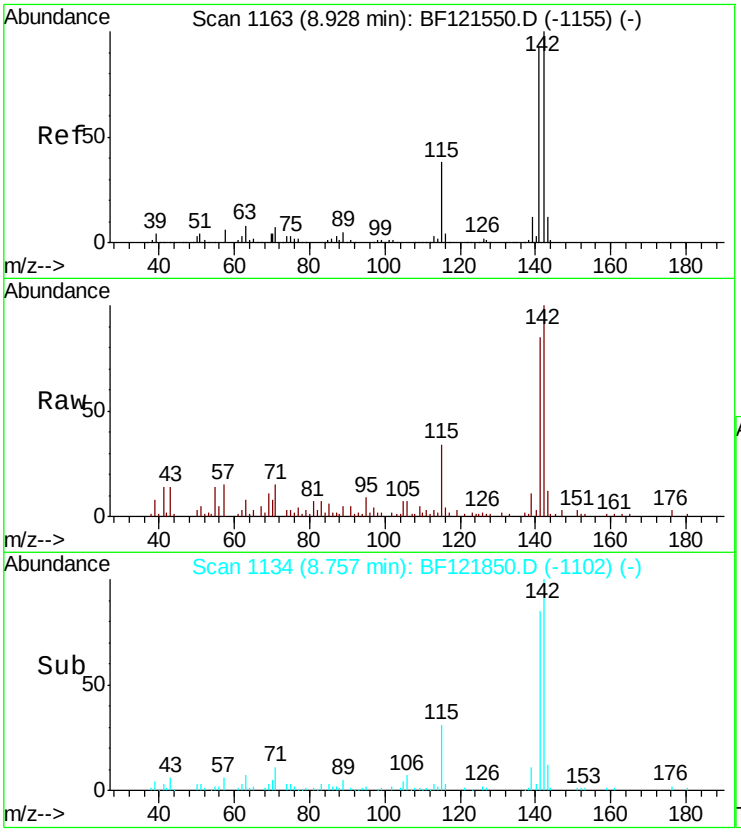


#37
2-Methylnaphthalene
Concen: 2.734 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:142 Resp: 37823

Ion	Ratio	Lower	Upper
142	100		
141	84.6	70.2	105.4
115	34.5	28.6	43.0



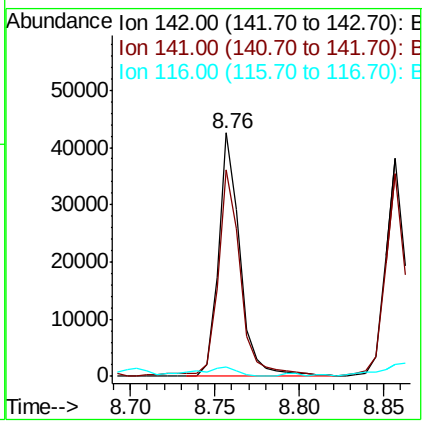


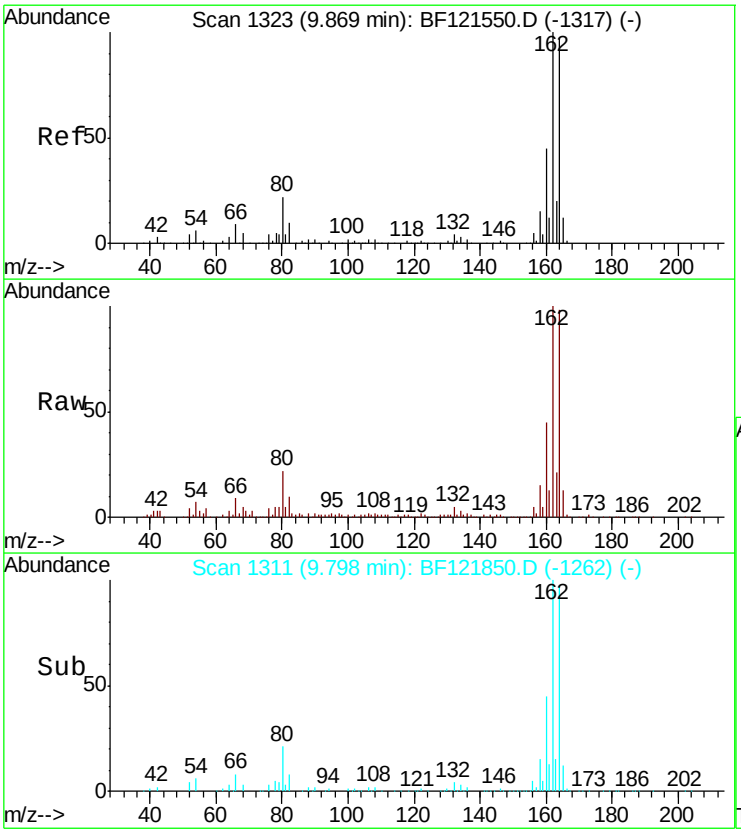
#38
1-Methylnaphthalene
Concen: 2.938 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.11 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:142 Resp: 37823

Ion	Ratio	Lower	Upper
142	100		
141	84.6	74.5	111.7
116	3.7	3.2	4.8

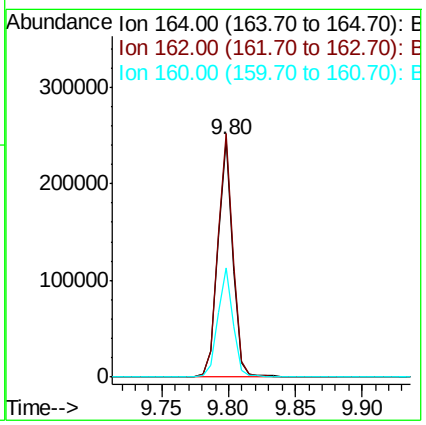


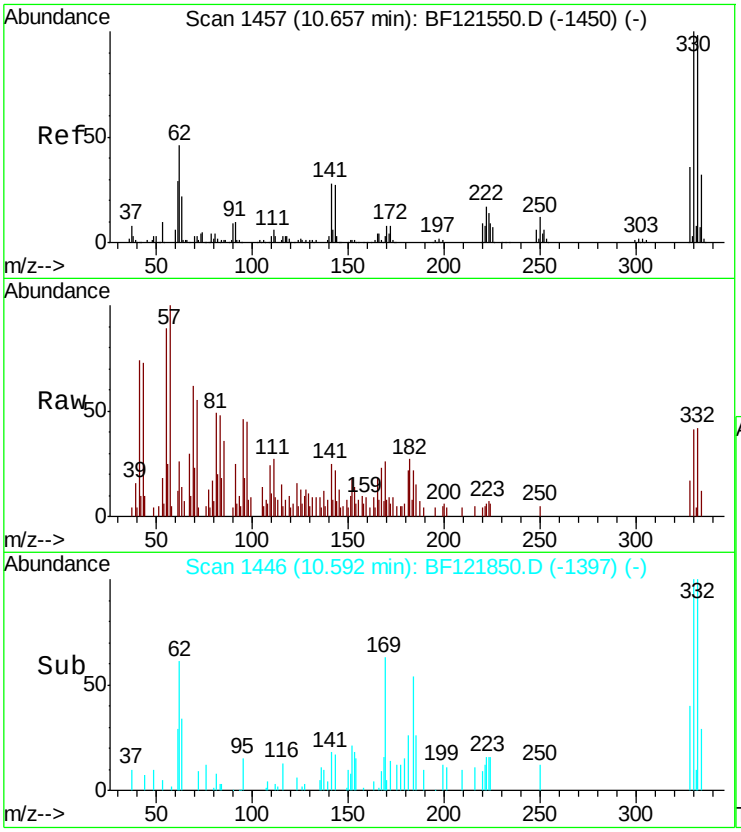


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:164 Resp: 196568

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	46.1	37.5	56.3



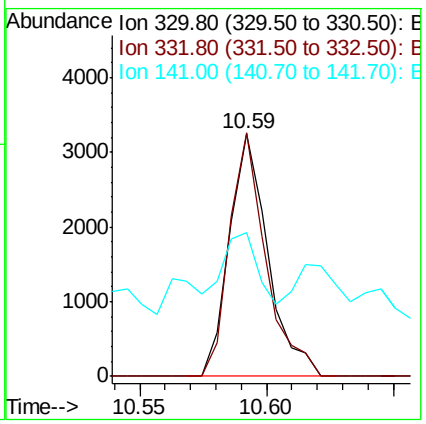


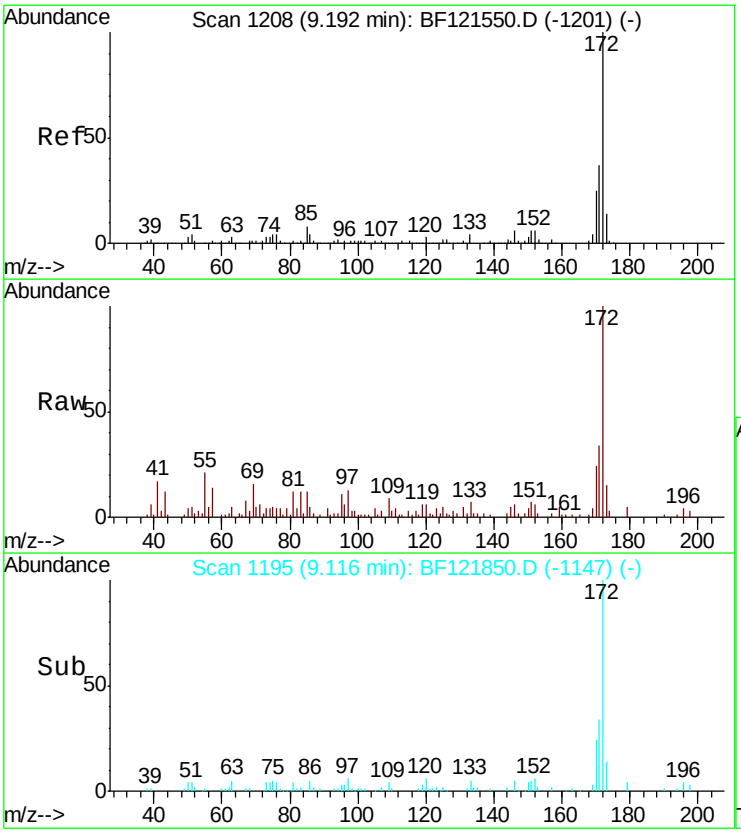
#42
2,4,6-Tribromophenol
Concen: 1.400 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:330 Resp: 3421

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	44.3	22.3	33.5#

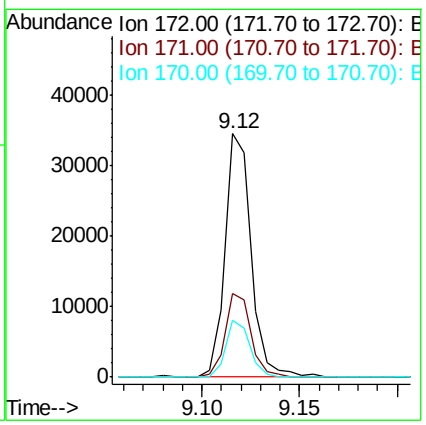


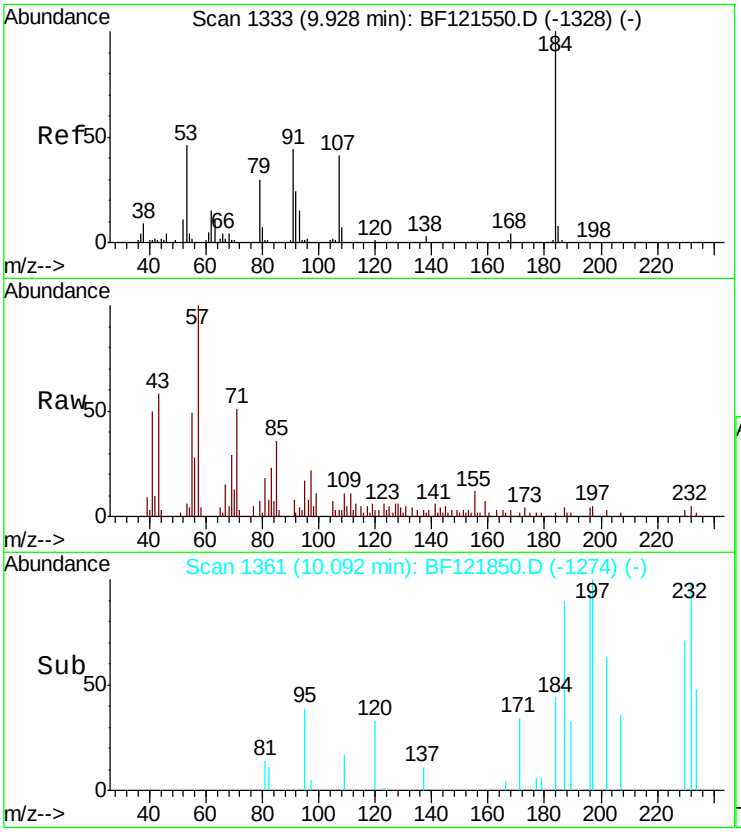


#45
2-Fluorobiphenyl
Concen: 2.467 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:172 Resp: 32015

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.1	43.7
170	23.5	19.8	29.6



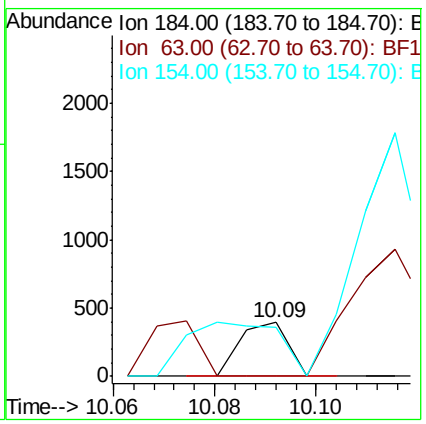


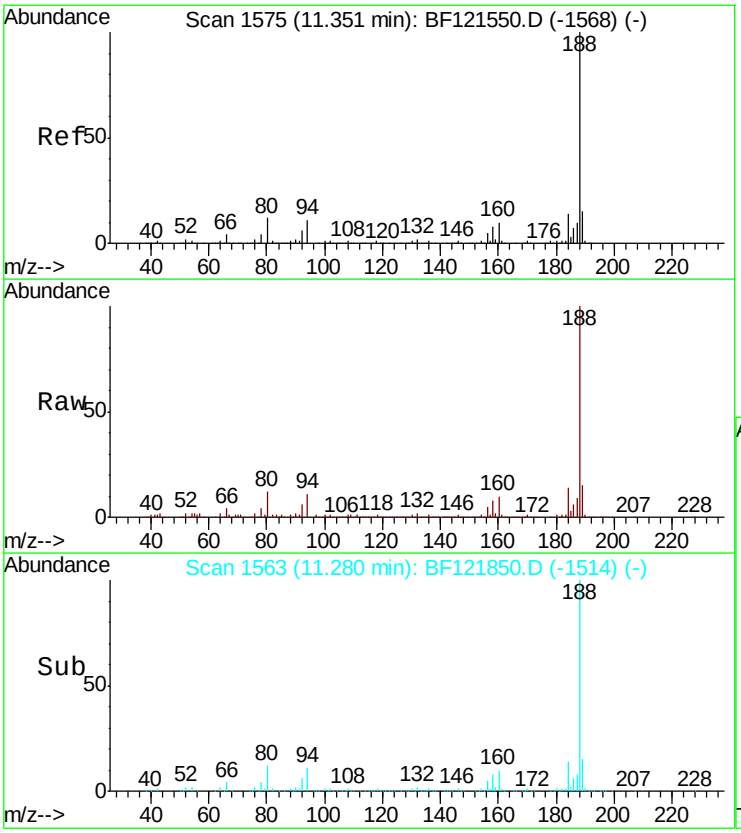
#54
2,4-Dinitrophenol
Concen: 9.180 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.21 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:184 Resp: 261

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.9	68.9#
154	90.1	45.8	68.6#

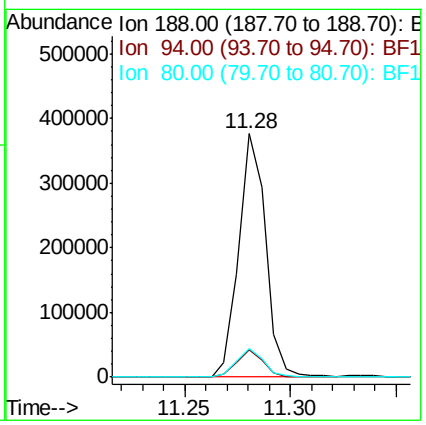


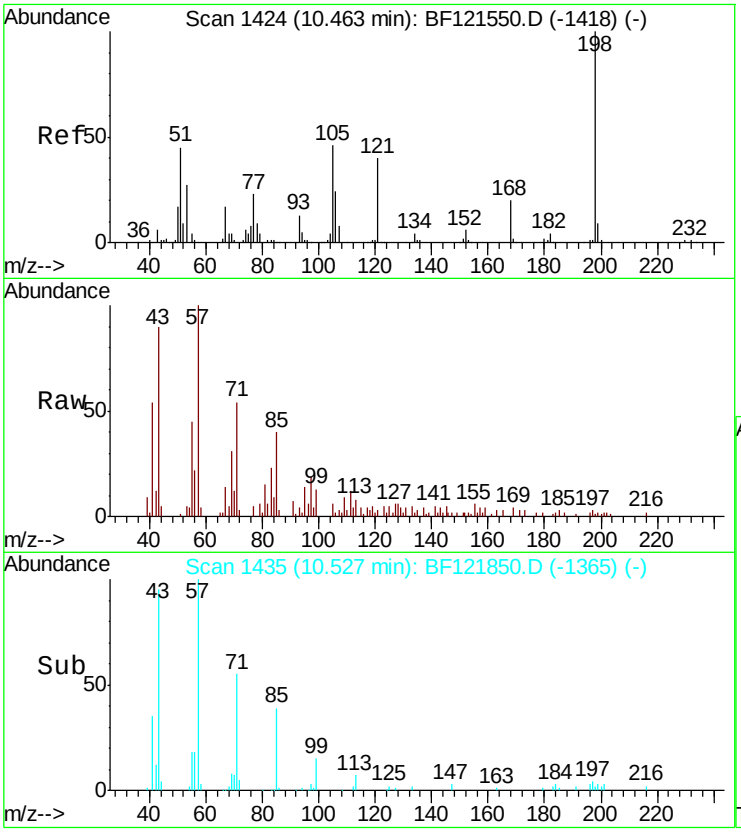


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:188 Resp: 333421

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.3	12.5
80	11.9	9.1	13.7



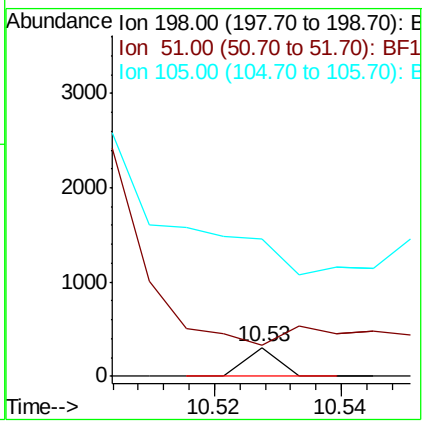


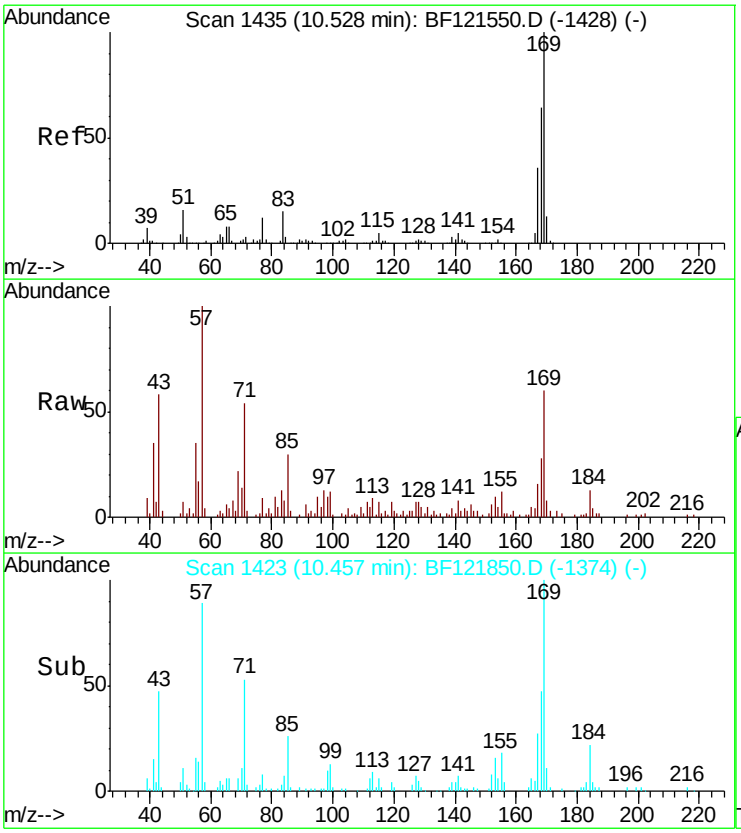
#65
4,6-Dinitro-2-methylphenol
Concen: 6.897 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.11 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	110.2	29.6	69.6#
105	478.4	24.4	64.4#

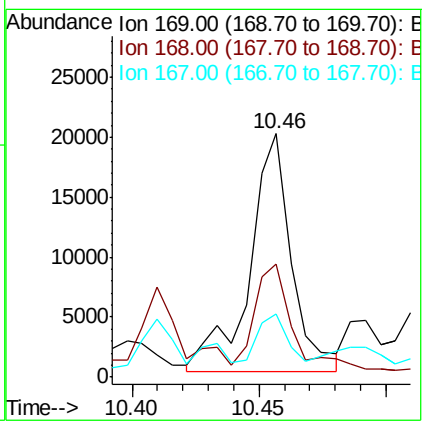


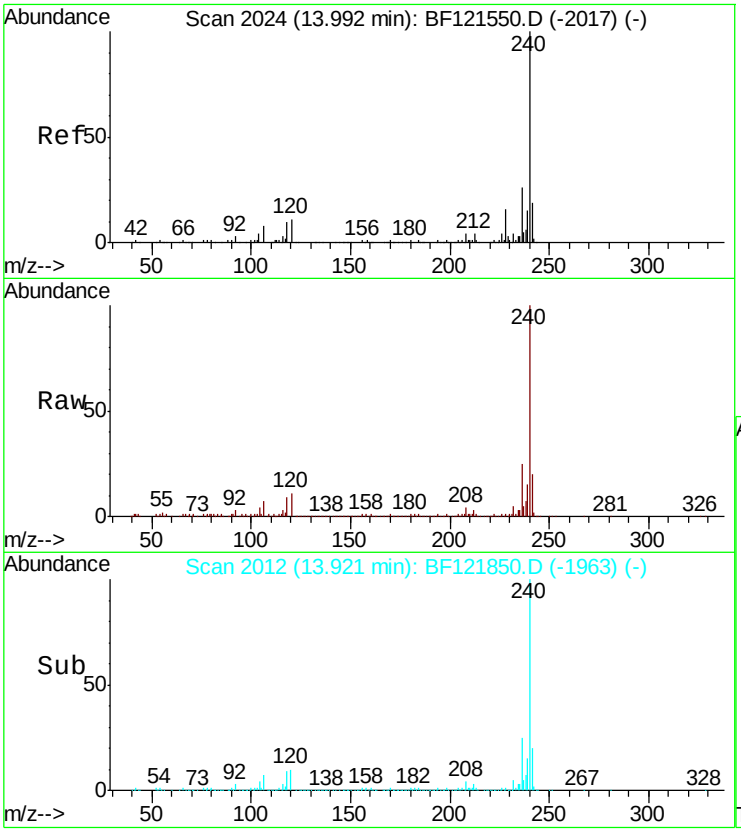


#66
n-Nitrosodiphenylamine
Concen: 2.032 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:169 Resp: 23243

Ion	Ratio	Lower	Upper
169	100		
168	46.7	50.0	75.0#
167	25.7	27.8	41.6#



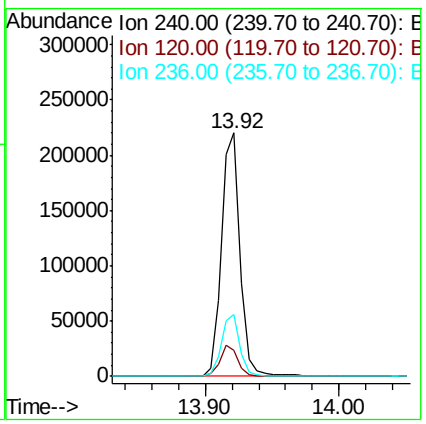


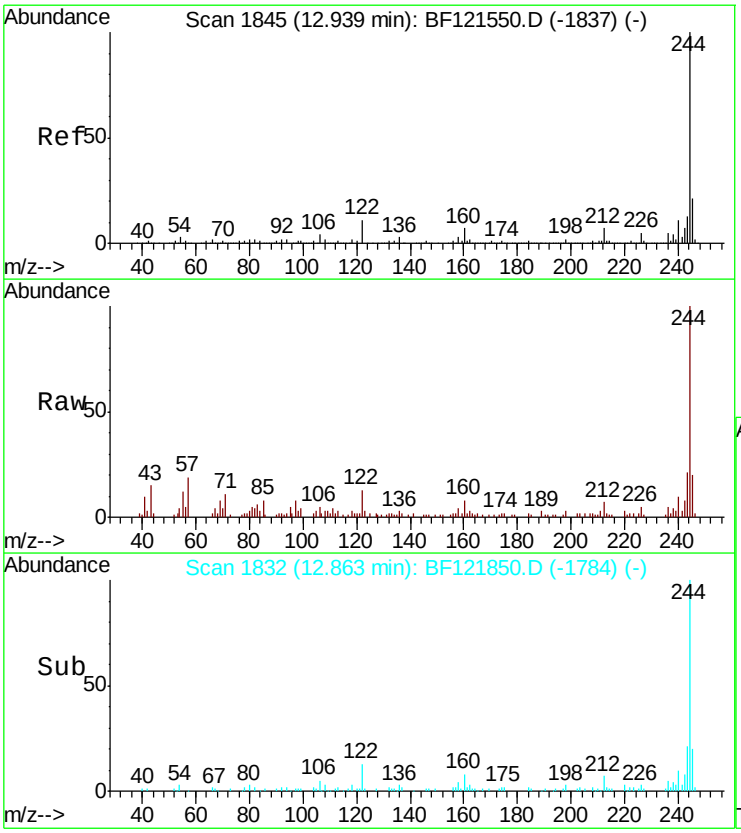
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:240 Resp: 216248

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.2	13.8
236	25.4	20.9	31.3

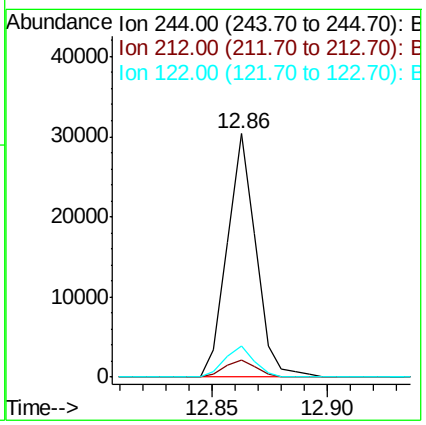


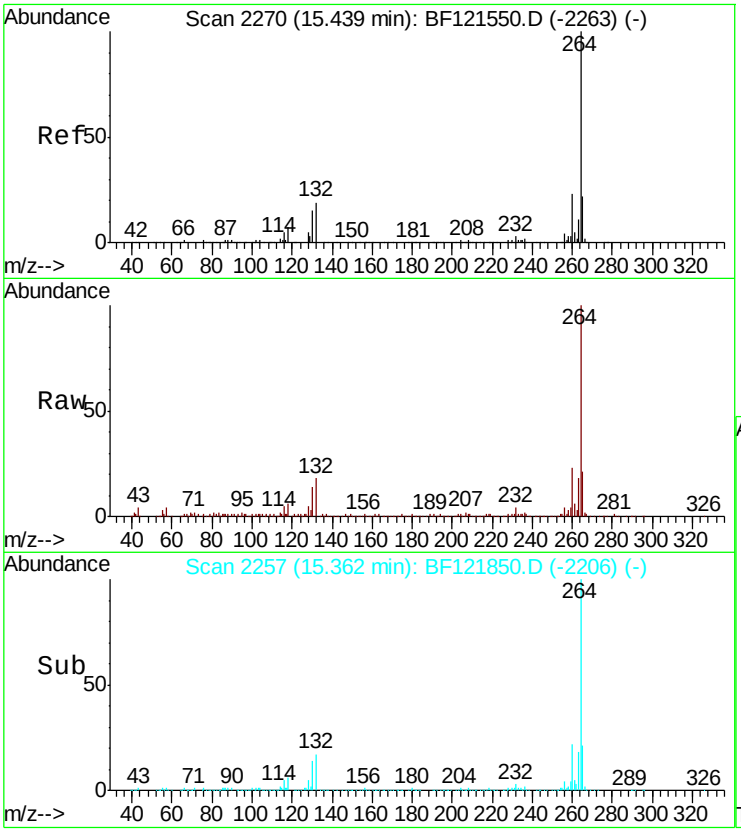


#79
Terphenyl-d14
Concen: 2.468 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121850.D
Acq: 6 Oct 2020 13:53

Tgt Ion:244 Resp: 26339

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	12.6	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: BF121850.D
Acq: 6 Oct 2020 13:53

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Tgt Ion:264 Resp: 235138

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.3	17.3	25.9