Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121618.D
Acq On : 18 Sep 2020 17:49
Operator : JU/CG
Sample : L4038-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B36-091620-10-15

Quant Time: Sep 18 18:59:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	137541	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	535770	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	276897	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	509275	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	369479	20.00	ng	-0.02
86) Perylene-d12	15.43	264	343192	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	817209	88.30	ng	0.01
7) Phenol-d6	6.46	99	985951	81.20	ng	0.00
23) Nitrobenzene-d5	7.39	82	749348	75.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	402864	117.06	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1317256	72.05	ng	-0.01
79) Terphenyl-d14	12.93	244	1588794	87.12	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	101660	14.527	ng	# 77
25) Isophorone	7.39	82	744879	37.083	ng	# 66
26) 2-Nitrophenol	7.49	139	158	2.589	ng	# 36
32) Benzoic acid	7.90	122	399	6.987	ng	# 1
51) 2,6-Dinitrotoluene	9.86	165	35200	8.236	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	35200	6.546	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.65	198	710	7.047	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	23174	3.997	ng	# 1

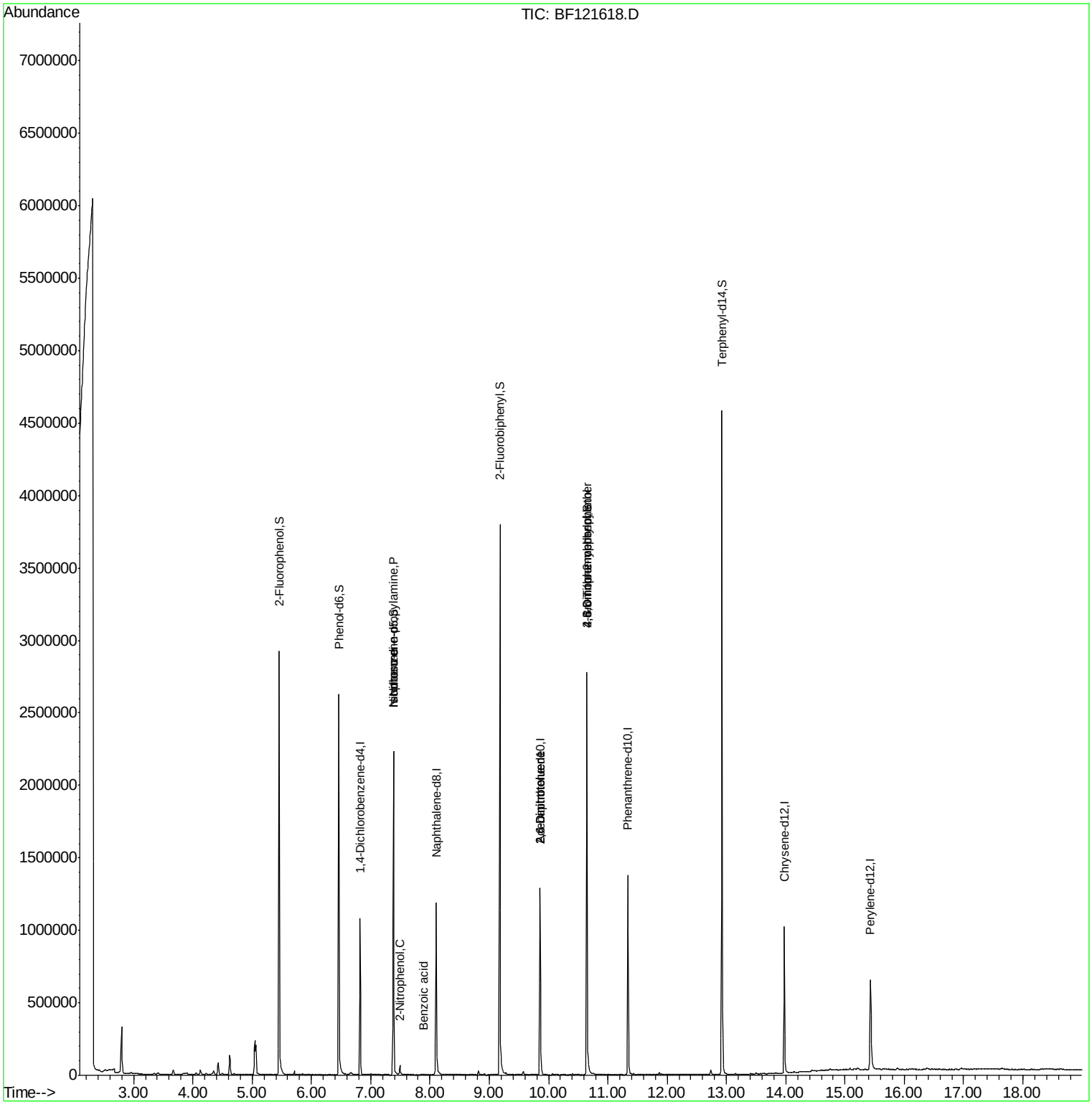
(#) = qualifier out of range (m) = manual integration (+) = signals summed

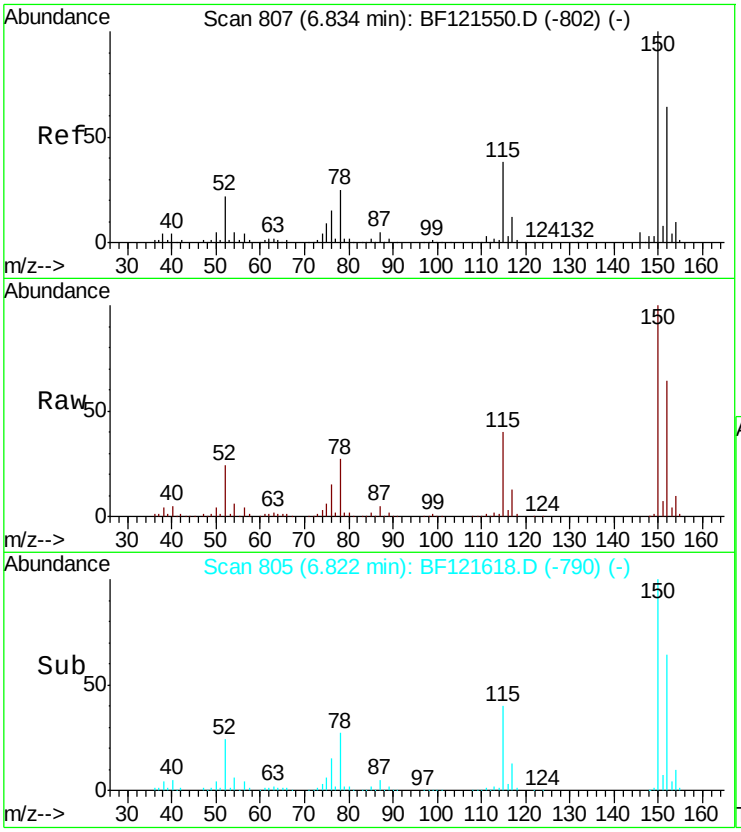
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121618.D
Acq On : 18 Sep 2020 17:49
Operator : JU/CG
Sample : L4038-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Quant Time: Sep 18 18:59:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration



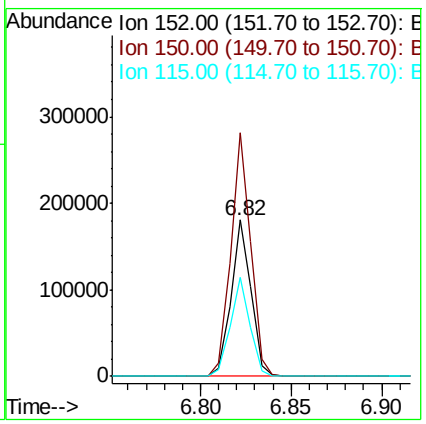


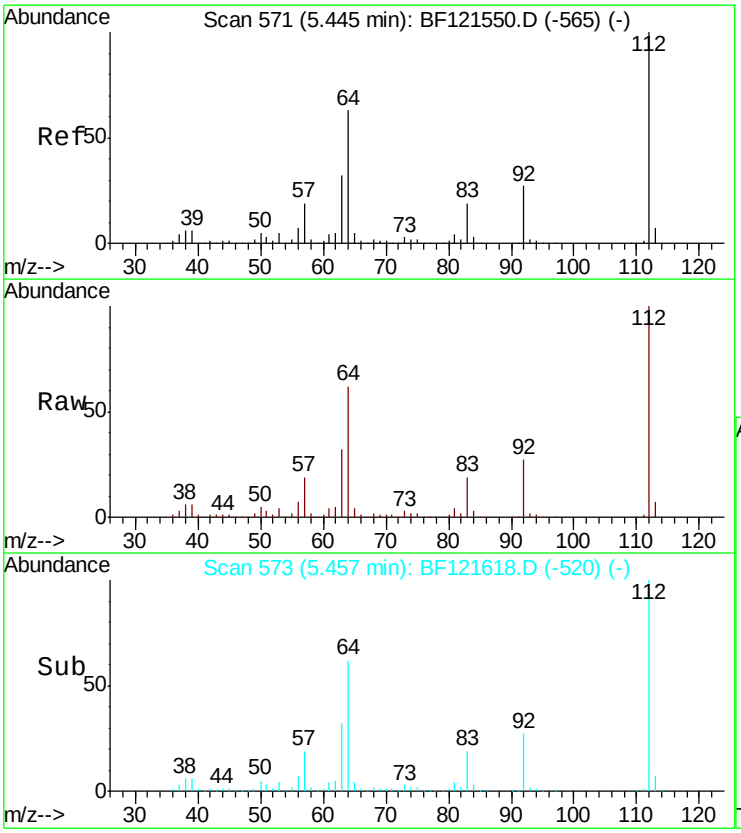
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion:152 Resp: 137541

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.6
115	63.1	47.8	71.8

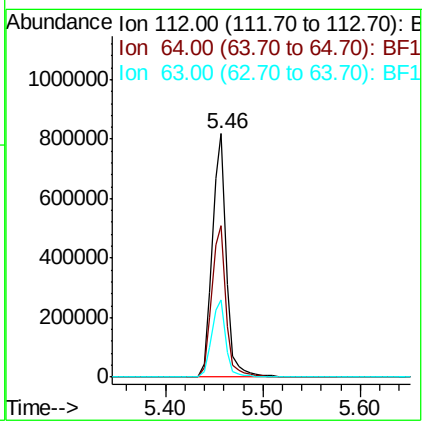


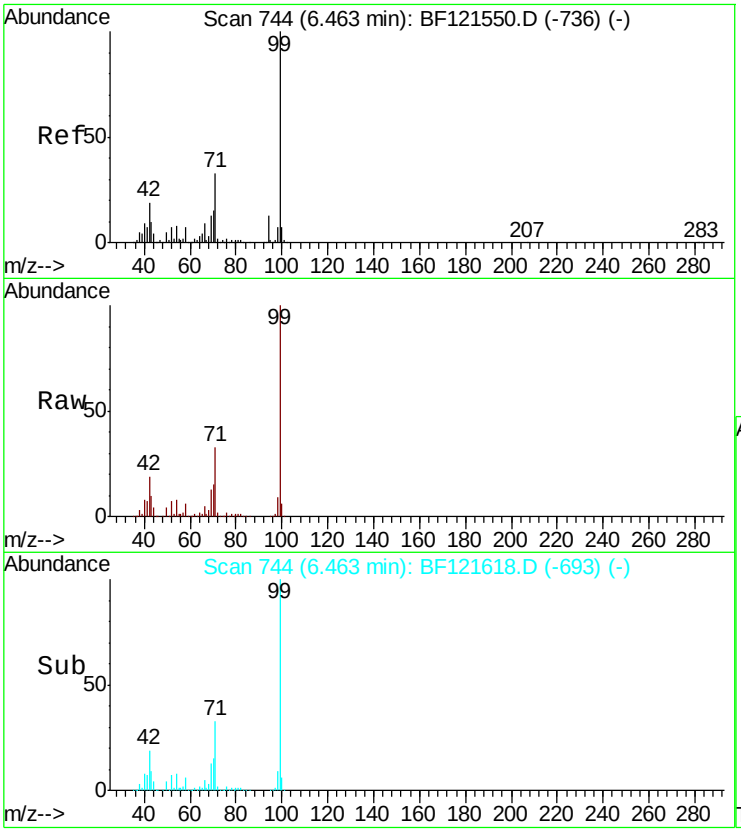


#5
2-Fluorophenol
Concen: 88.299 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:112 Resp: 817209

Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.3	75.5
63	31.8	25.6	38.4



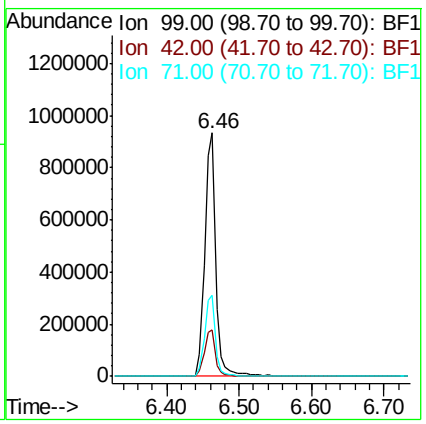


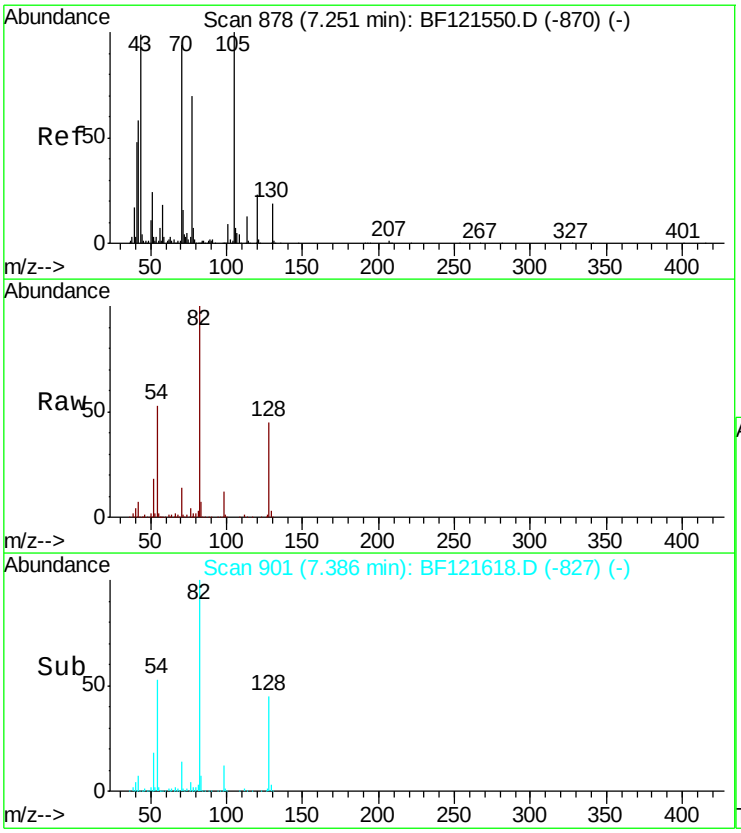
#7
Phenol-d6
Concen: 81.202 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion: 99 Resp: 985951

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.5	23.3
71	33.2	26.1	39.1

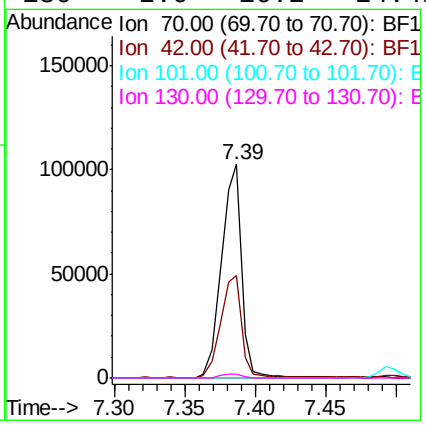


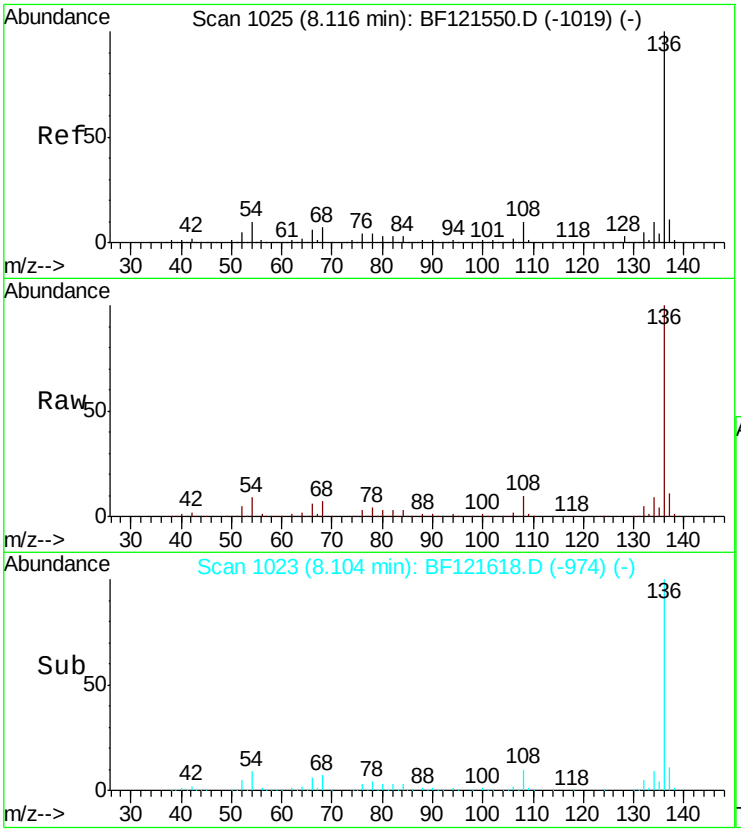


#19
n-Nitroso-di-n-propylamine
Concen: 14.527 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion: 70 Resp: 101660

Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.4	74.2#
101	0.0	7.6	11.4#
130	2.0	16.2	24.4#



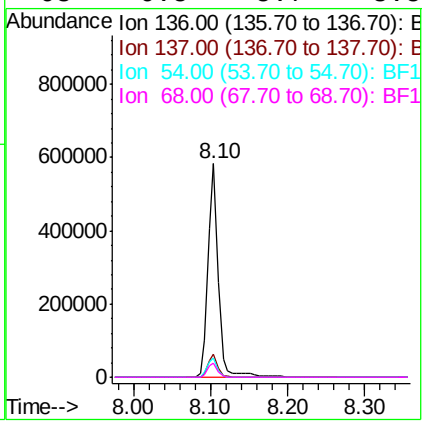


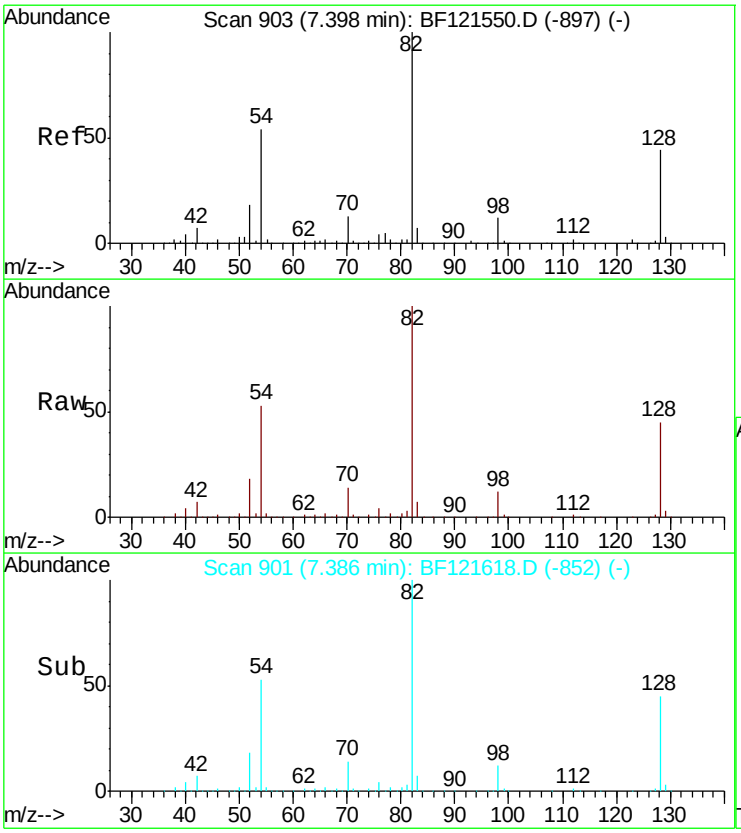
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion:136 Resp: 535770

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	8.9	7.6	11.4
68	6.5	5.7	8.5

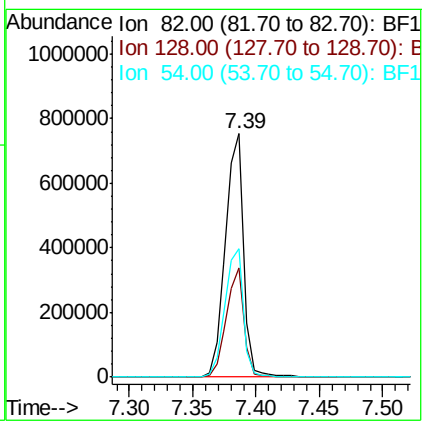


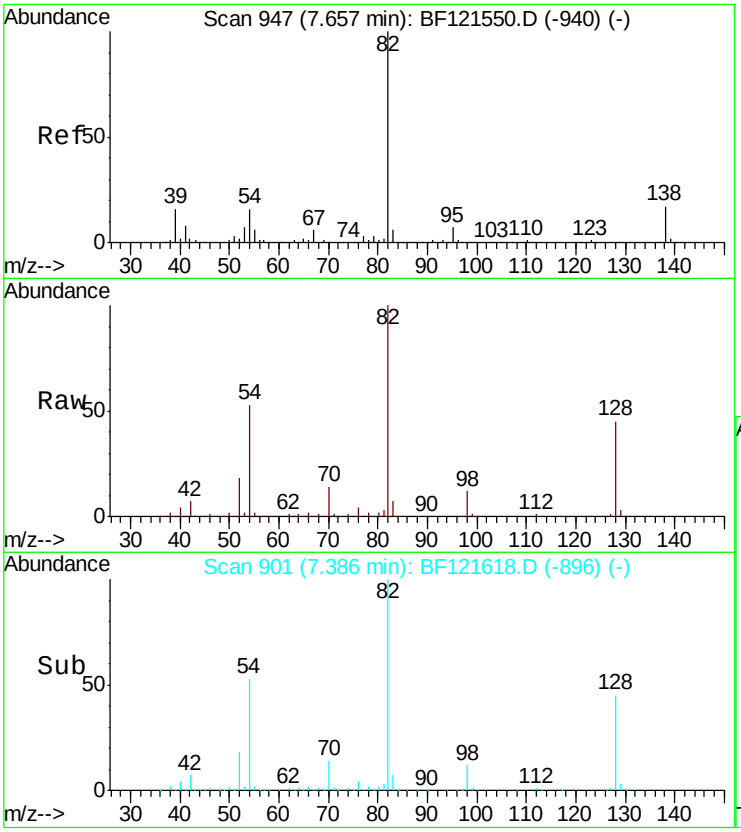


#23
Nitrobenzene-d5
Concen: 75.095 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion: 82 Resp: 749348

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.1	52.7
54	52.7	43.0	64.6



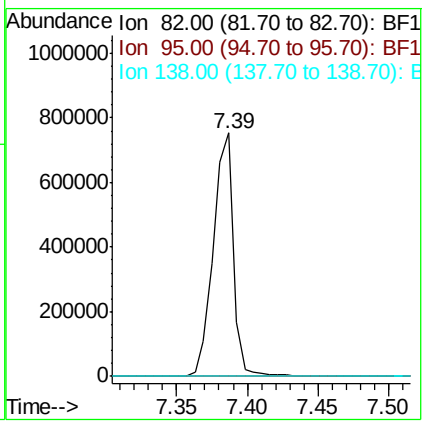


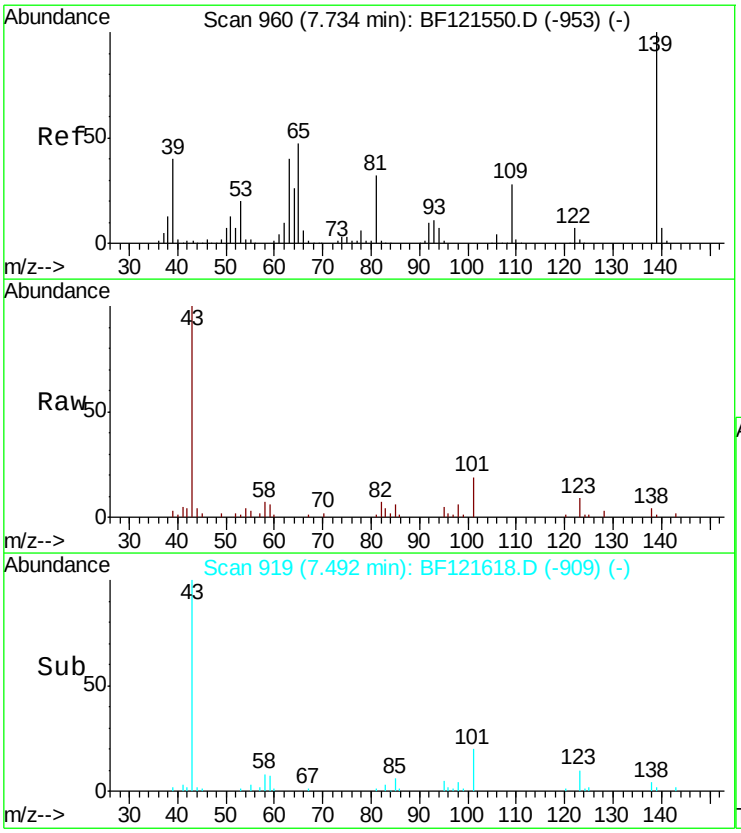
#25
Isophorone
Concen: 37.083 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.27 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion: 82 Resp: 744879

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.7	20.5#

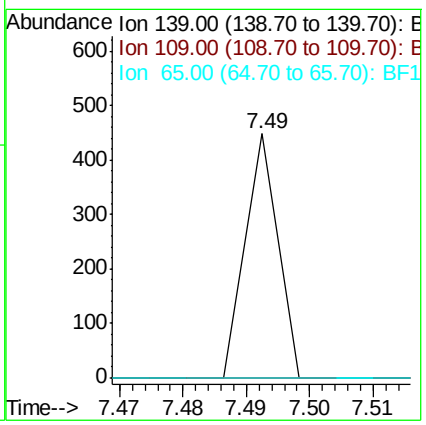


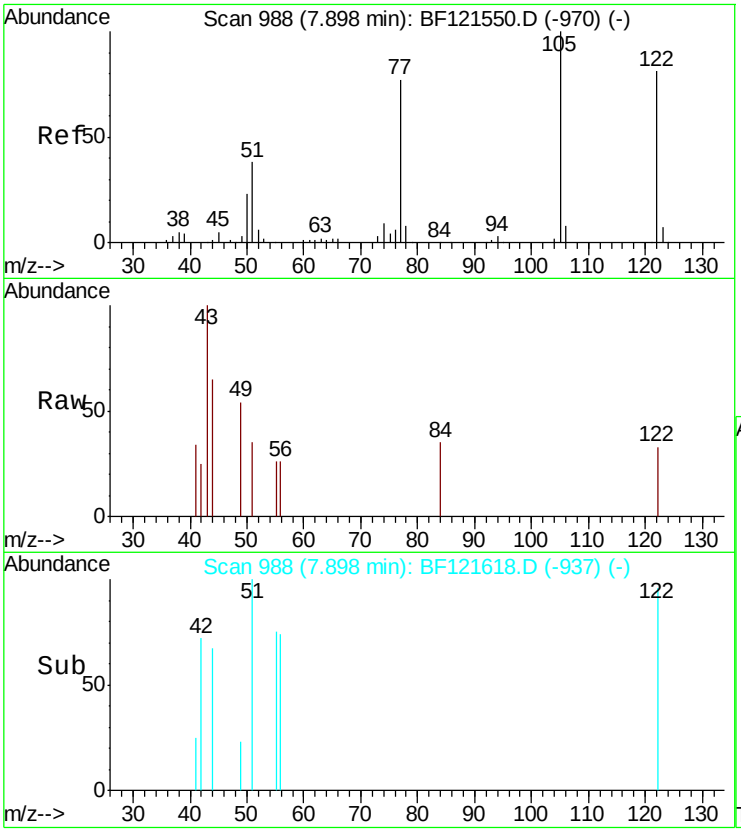


#26
2-Nitrophenol
Concen: 2.589 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.24 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:139 Resp: 158

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.4	33.6#
65	0.0	37.6	56.4#



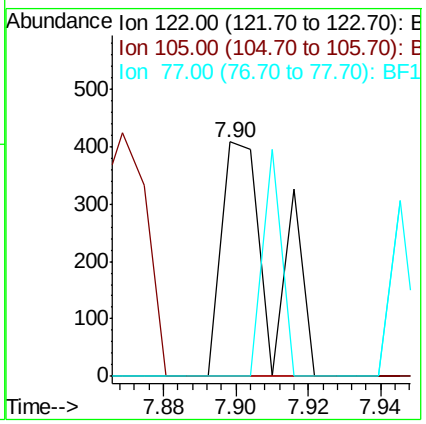


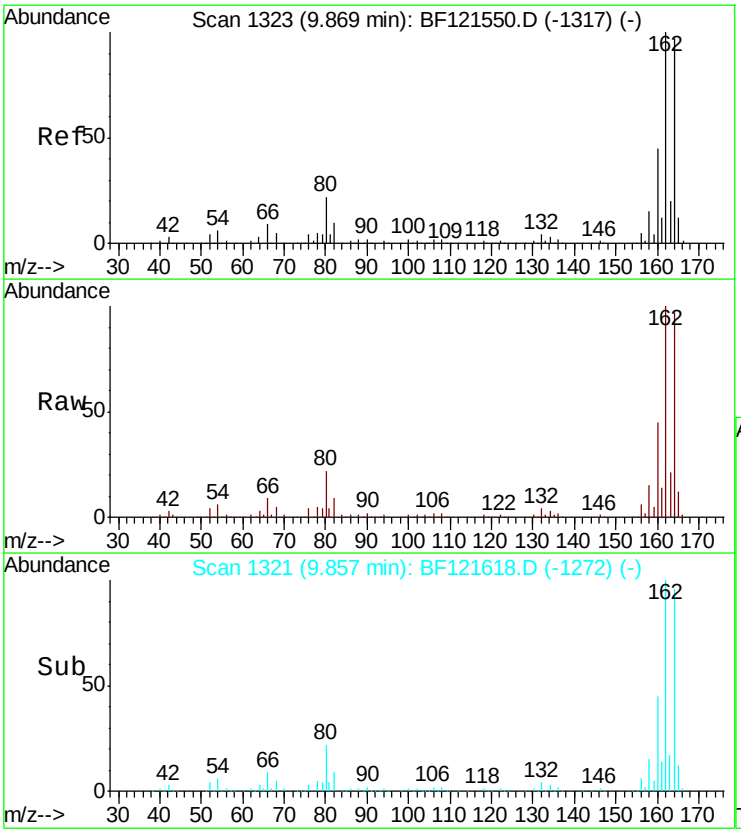
#32
Benzoic acid
Concen: 6.987 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion:122 Resp: 399

Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.5	140.5#
77	0.0	72.6	112.6#

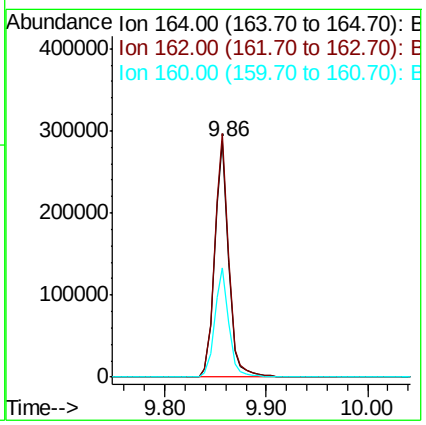


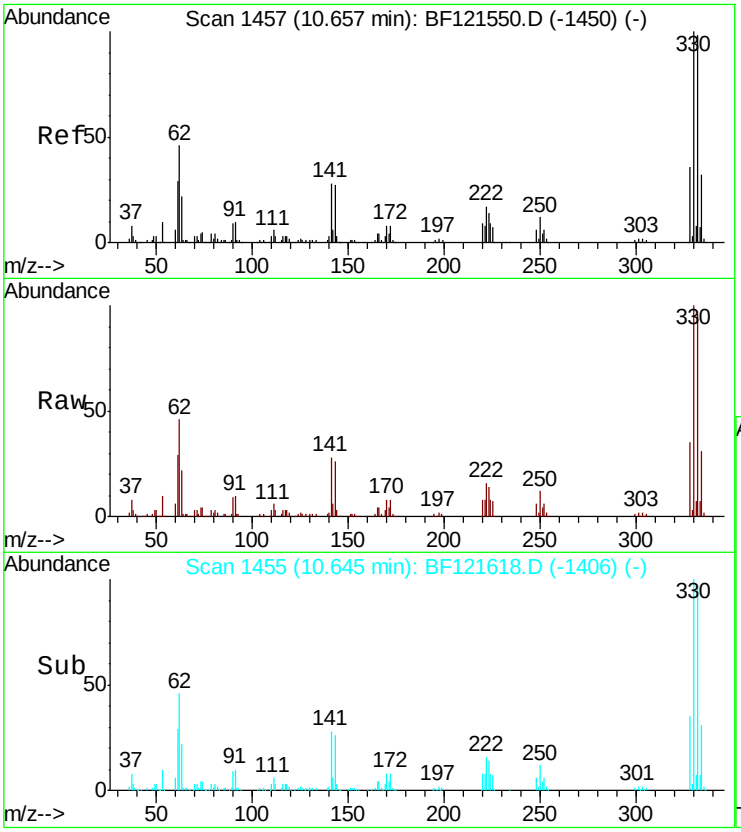


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:164 Resp: 276897

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.3	123.5
160	46.4	37.0	55.4



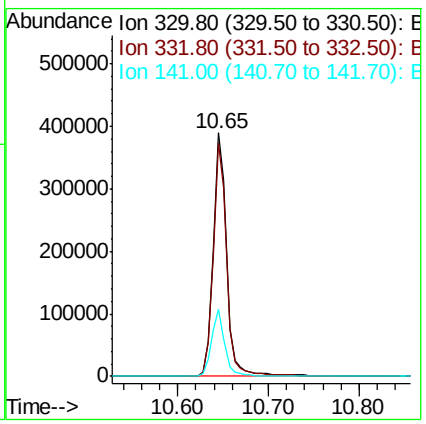


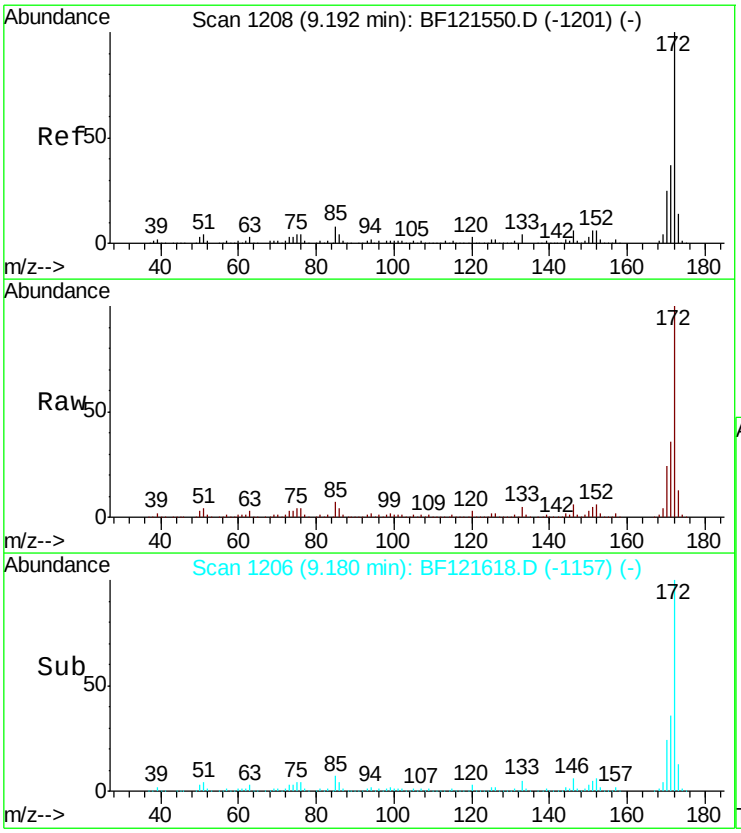
#42
2,4,6-Tribromophenol
Concen: 117.062 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion:330 Resp: 402864

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	27.7	23.6	35.4

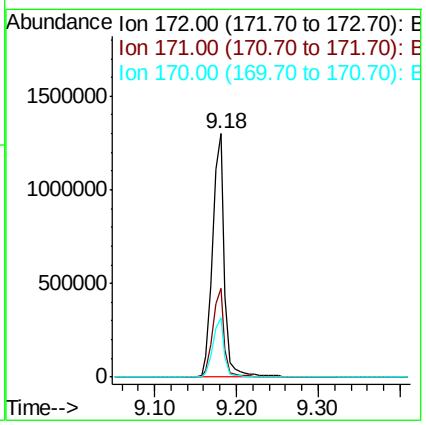


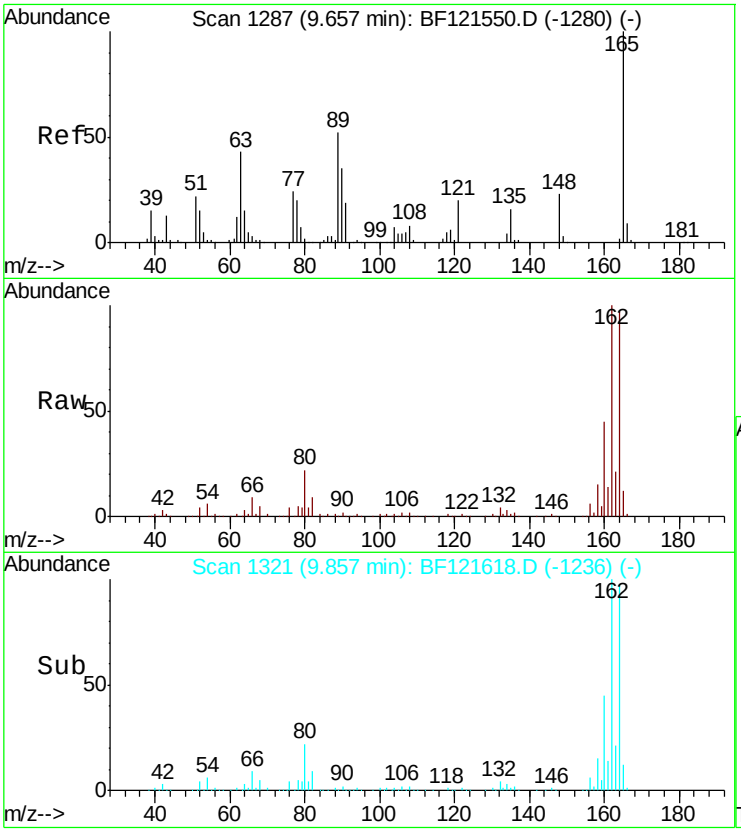


#45
2-Fluorobiphenyl
Concen: 72.049 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:172 Resp: 1317256

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.2	19.8	29.8



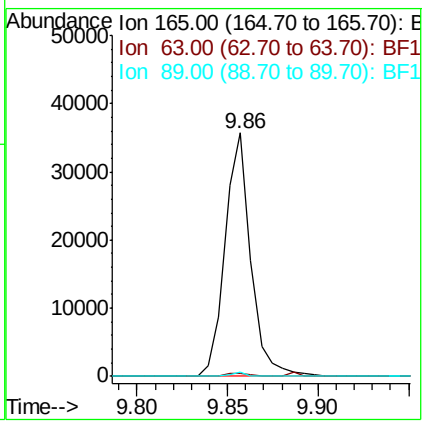


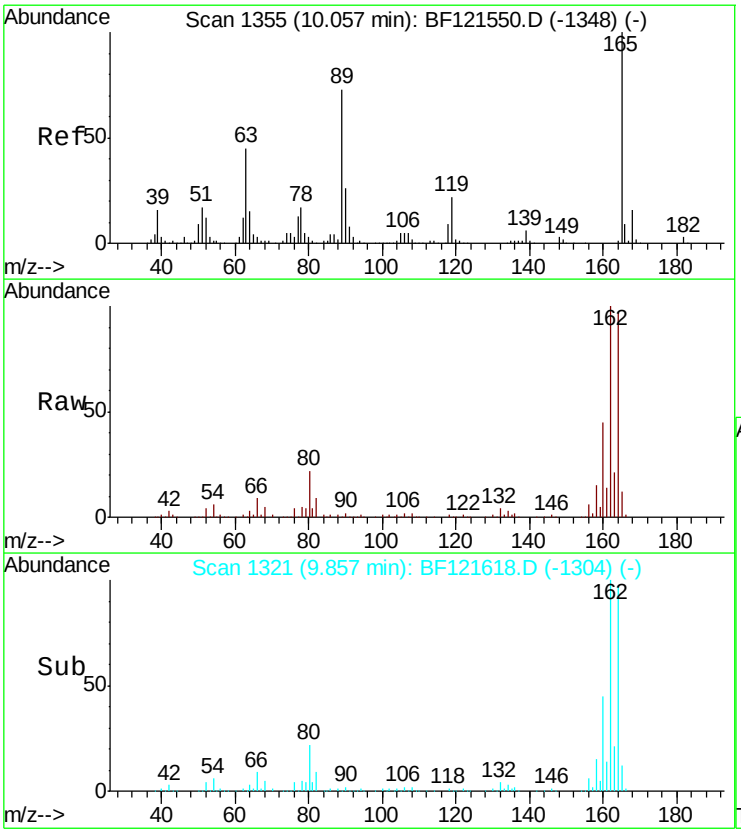
#51
2,6-Dinitrotoluene
Concen: 8.236 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion:165 Resp: 35200

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.6	41.8	62.8#

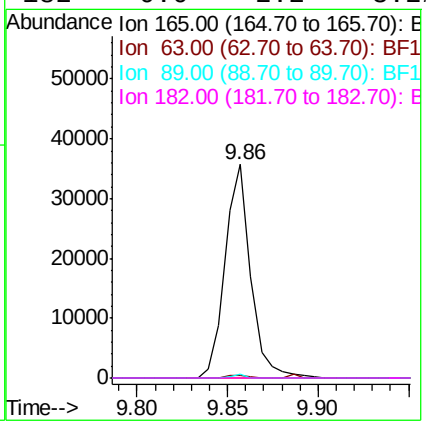


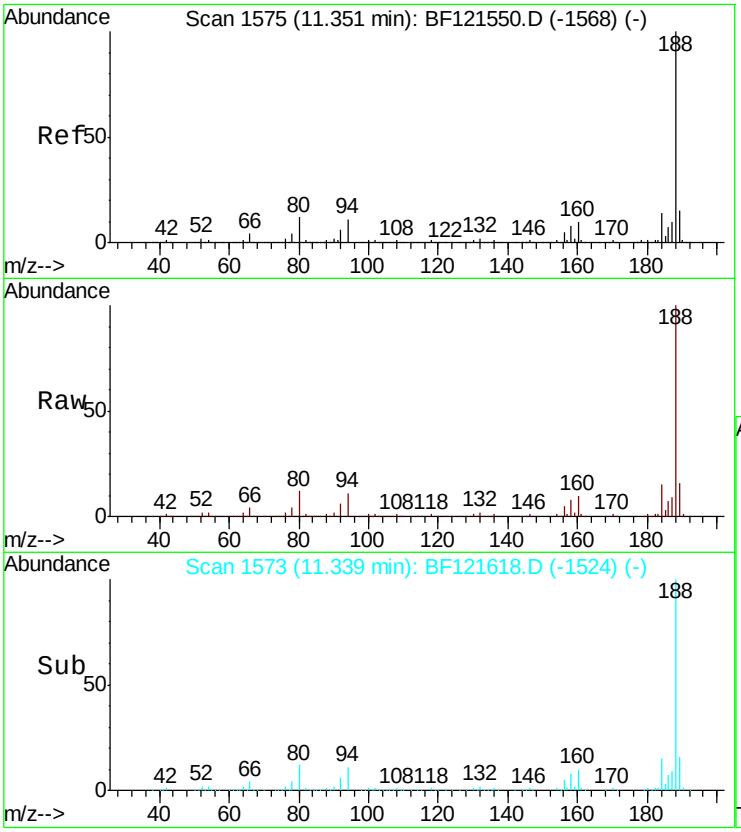


#57
2,4-Dinitrotoluene
Concen: 6.546 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.20 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:165 Resp: 35200

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.6	58.2	87.4#
182	0.0	2.2	3.2#



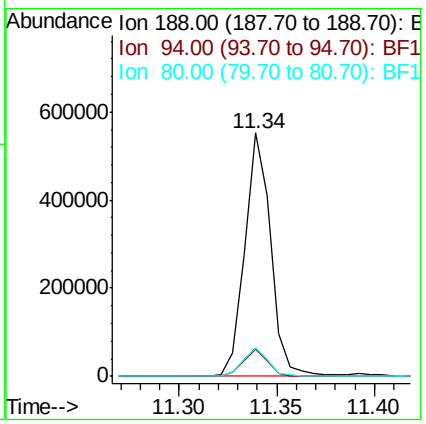


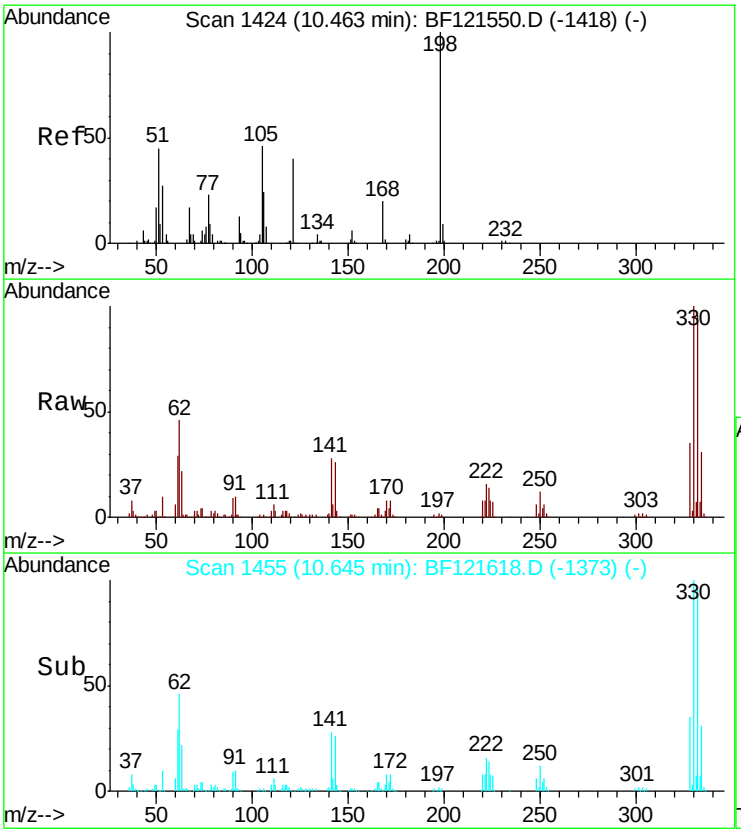
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion:188 Resp: 509275

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.7	13.1
80	12.0	9.3	13.9

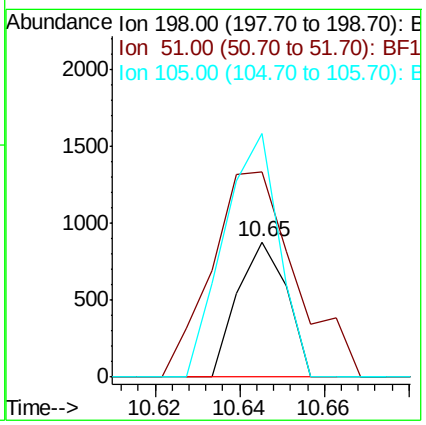


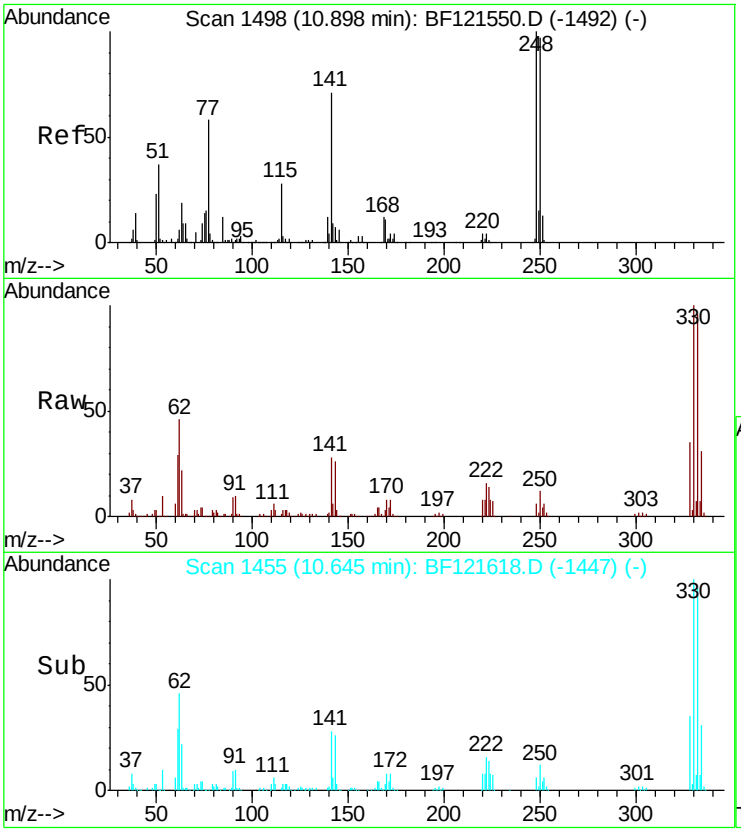


#65
4,6-Dinitro-2-methylphenol
Concen: 7.047 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.18 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:198 Resp: 710

Ion	Ratio	Lower	Upper
198	100		
51	151.8	31.1	71.1#
105	180.5	26.6	66.6#



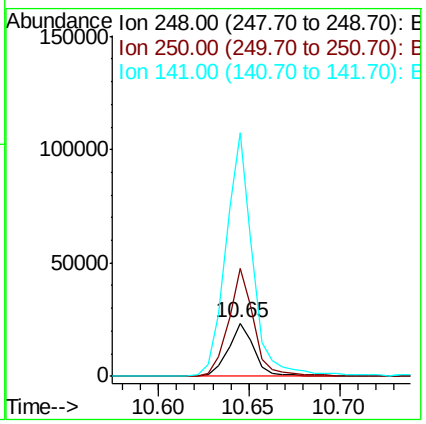


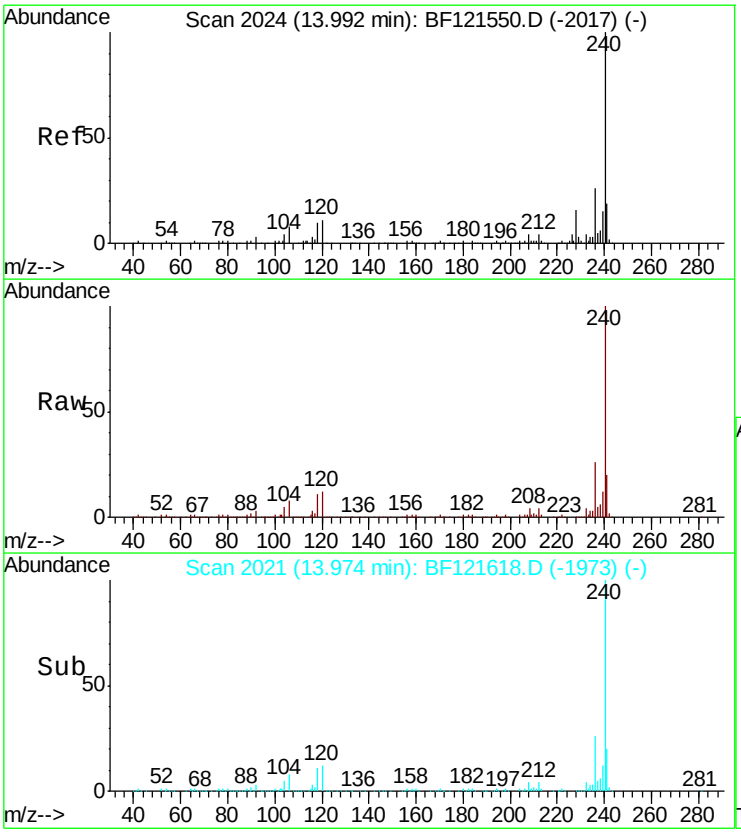
#67
4-Bromophenyl-phenylether
Concen: 3.997 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion:248 Resp: 23174

Ion	Ratio	Lower	Upper
248	100		
250	203.0	77.4	116.0#
141	459.3	56.7	85.1#

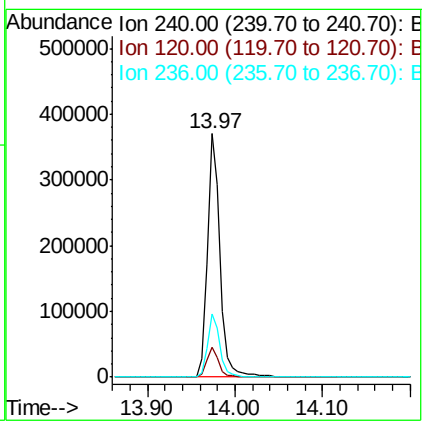


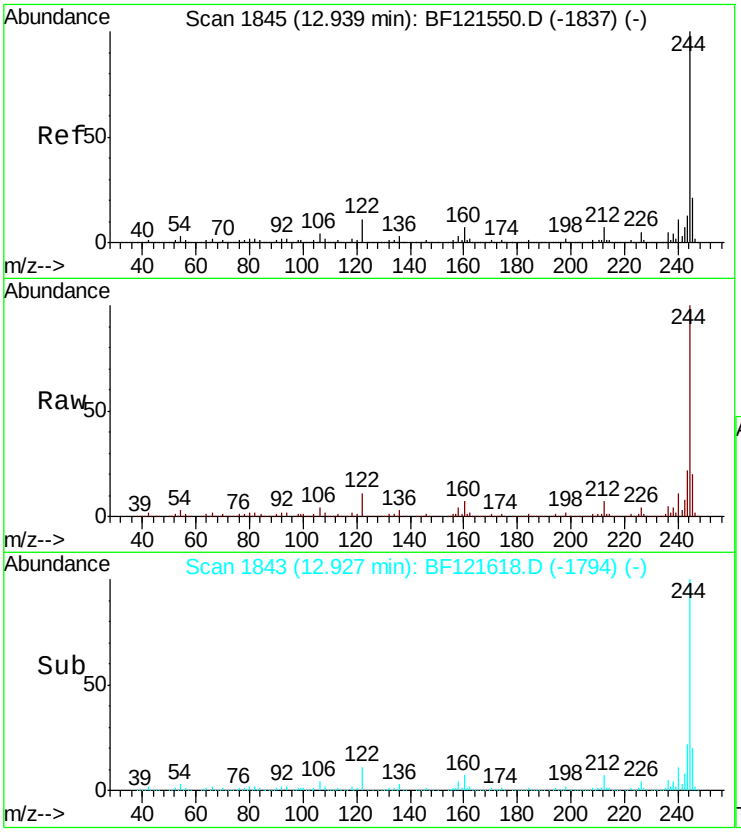


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:240 Resp: 369479

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.8	20.5	30.7



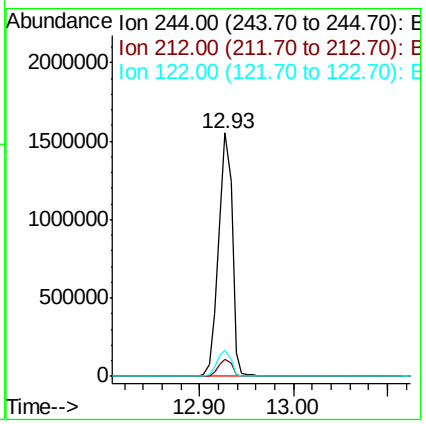


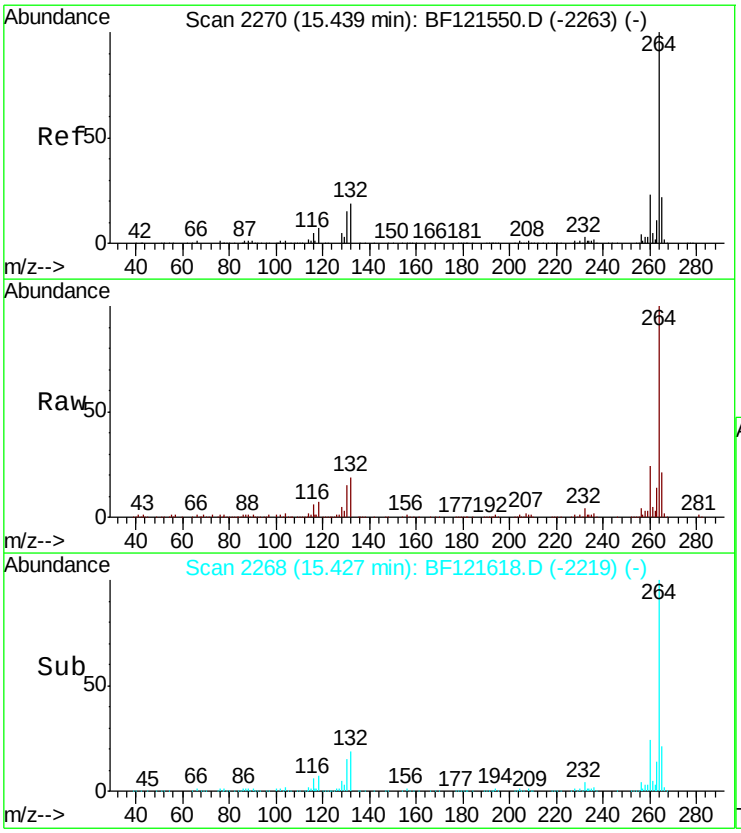
#79
Terphenyl-d14
Concen: 87.116 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tgt Ion:244 Resp: 1588794

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.9	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:264 Resp: 343192

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.4	17.8	26.6