Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121527.D
Acq On : 8 Sep 2020 17:56
Operator : JU/CG
Sample : L3808-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B44-090320-10-20

Quant Time: Sep 08 19:01:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	319296	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1216222	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	646943	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	1191439	20.00	ng		0.00
76) Chrysene-d12	13.99	240	1014645	20.00	ng		-0.02
86) Perylene-d12	15.45	264	887006	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1851810	97.30	ng		0.00
7) Phenol-d6	6.47	99	2171347	81.64	ng		-0.01
23) Nitrobenzene-d5	7.40	82	1766988	99.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	867402	132.74	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	3047415	76.01	ng		-0.01
79) Terphenyl-d14	12.95	244	3344872	69.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	6979	Below Cal			93
19) n-Nitroso-di-n-propylamine	7.40	70	233918	15.739	ng	#	79
25) Isophorone	7.40	82	1753445	43.821	ng	#	63
32) Benzoic acid	7.82	122	2595	6.982	ng		96
48) 2-Nitroaniline	9.20	65	5269	7.051	ng	#	1
51) 2,6-Dinitrotoluene	9.87	165	84216	15.178	ng	#	23
53) 3-Nitroaniline	9.91	138	124	5.462	ng	#	1
56) 4-Nitrophenol	10.08	139	571	7.916	ng	#	10
57) 2,4-Dinitrotoluene	9.87	165	84216	14.245	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.66	198	1565	6.183	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	49968	3.812	ng	#	1
77) Benzidine	12.95	184	46103	2.083	ng	#	91

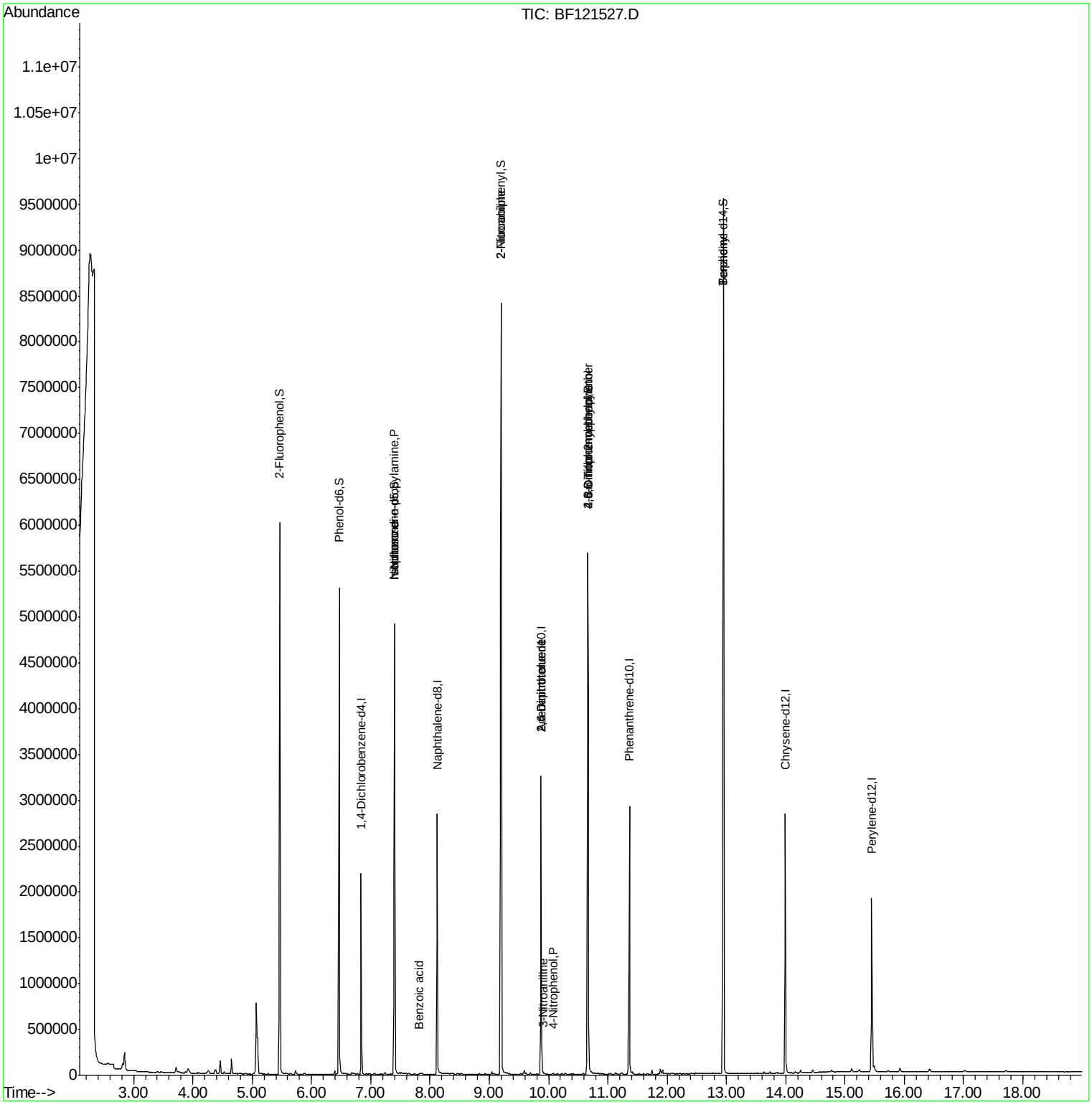
(#) = qualifier out of range (m) = manual integration (+) = signals summed

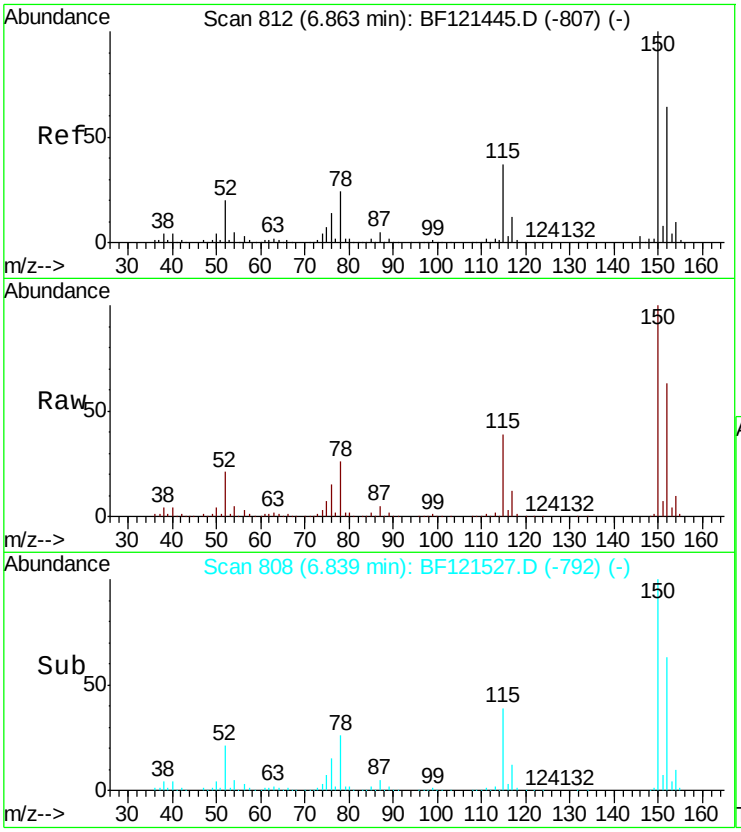
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121527.D
Acq On : 8 Sep 2020 17:56
Operator : JU/CG
Sample : L3808-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Quant Time: Sep 08 19:01:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration



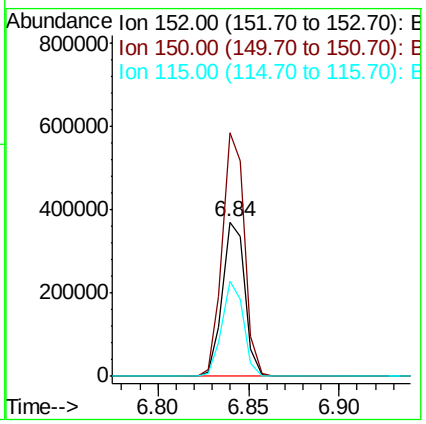


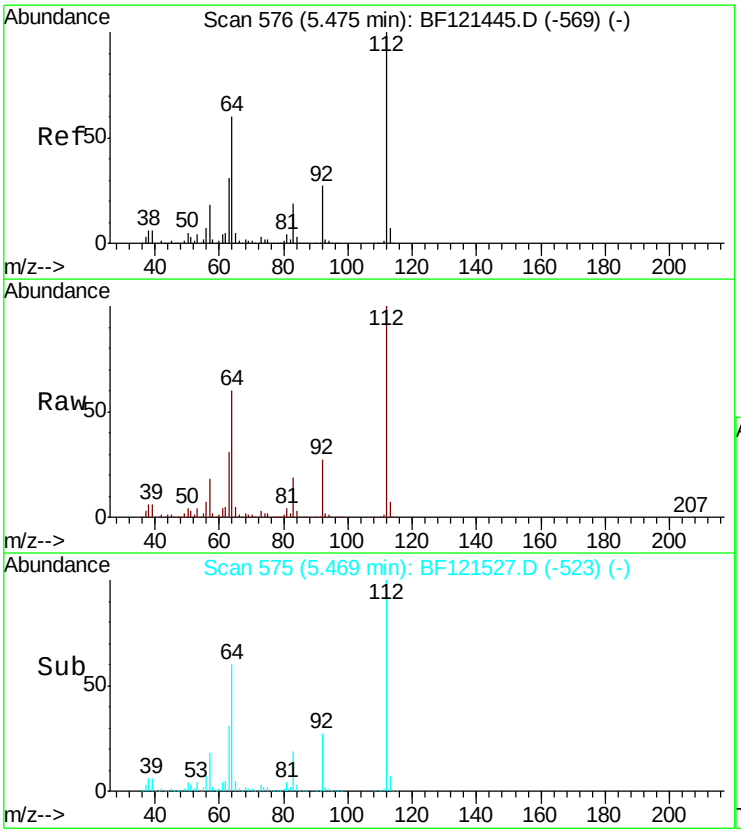
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:152 Resp: 319296

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.1	189.1
115	62.1	48.4	72.6

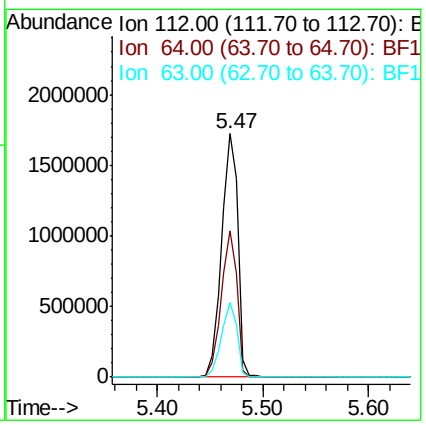


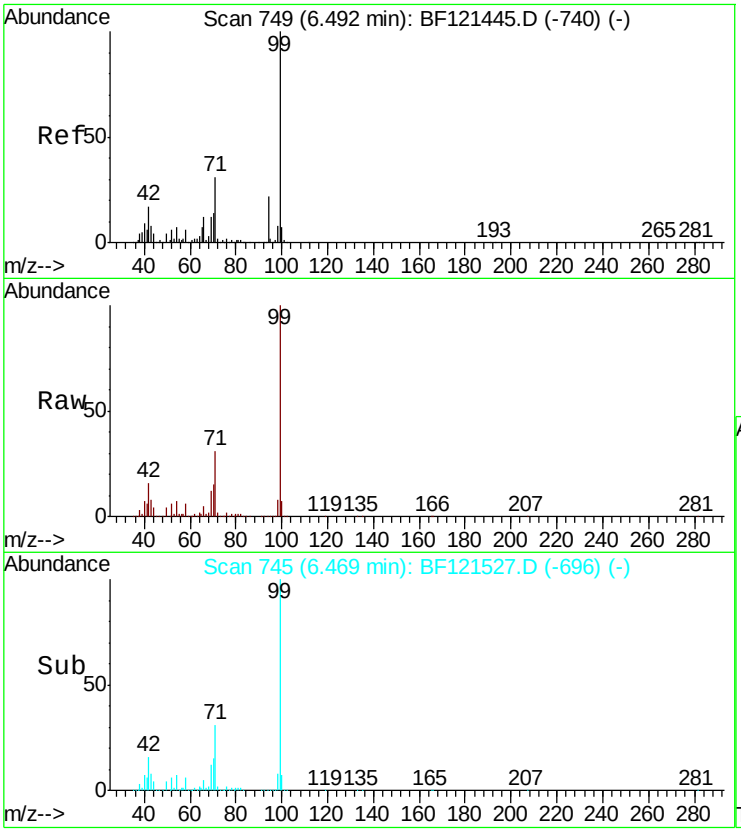


#5
2-Fluorophenol
Concen: 97.304 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:112 Resp: 1851810

Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.0	69.0
63	30.9	23.4	35.2



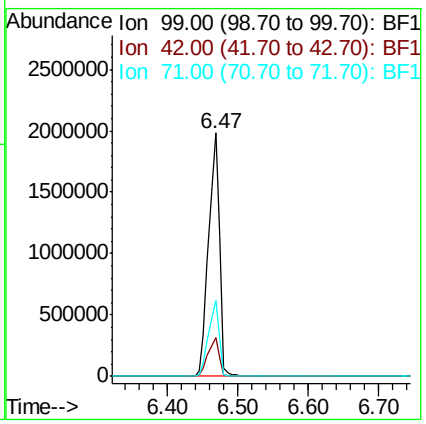


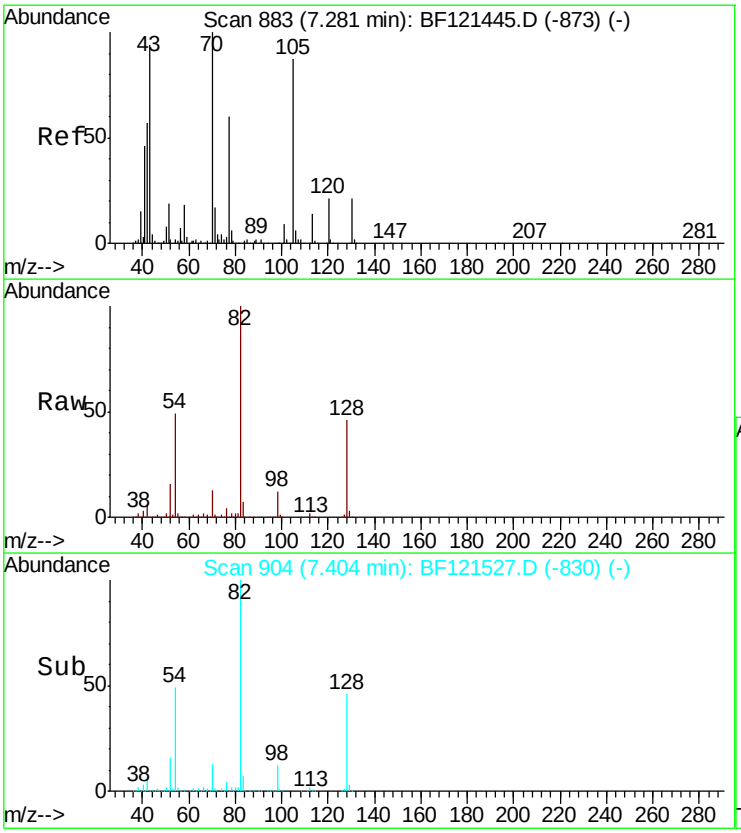
#7
Phenol-d6
Concen: 81.643 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion: 99 Resp: 2171347

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.0	19.4
71	31.4	24.8	37.2

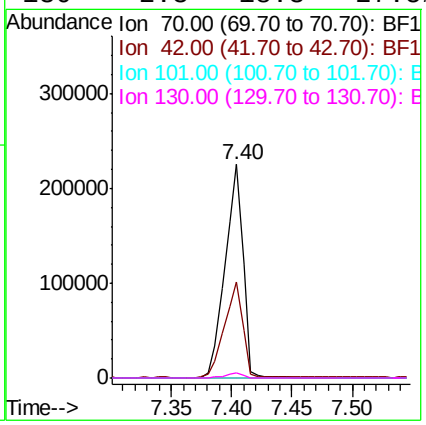


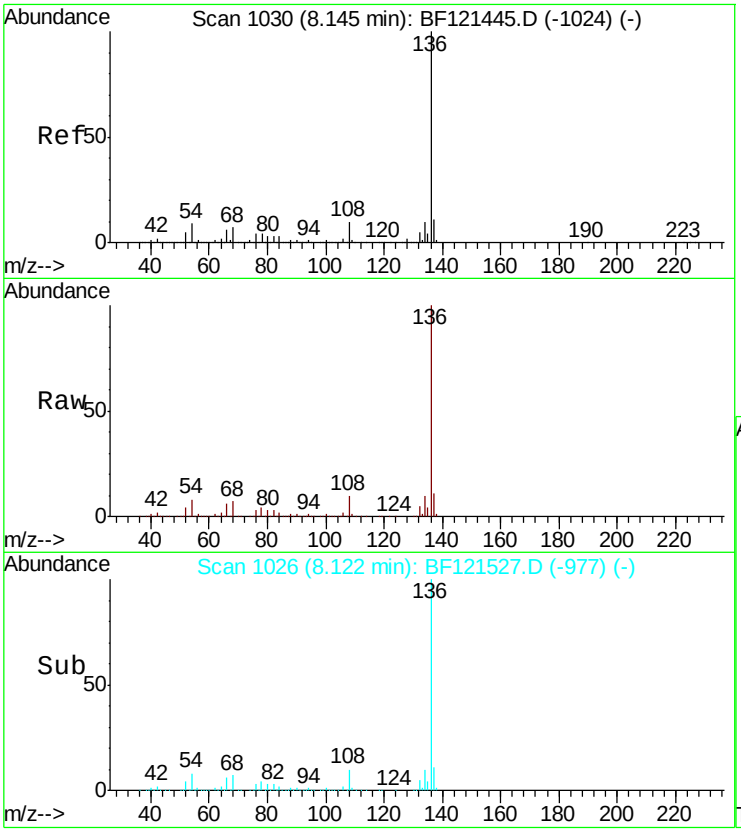


#19
n-Nitroso-di-n-propylamine
Concen: 15.739 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion: 70 Resp: 233918

Ion	Ratio	Lower	Upper
70	100		
42	45.0	42.0	63.0
101	0.0	8.1	12.1#
130	2.3	18.3	27.5#



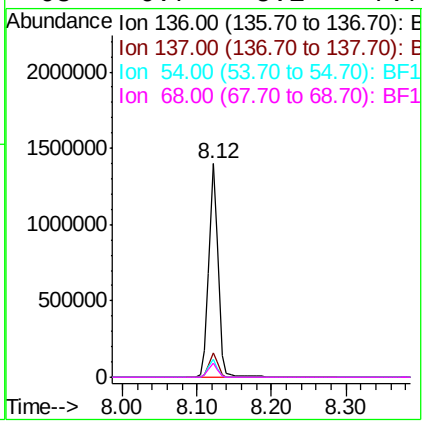


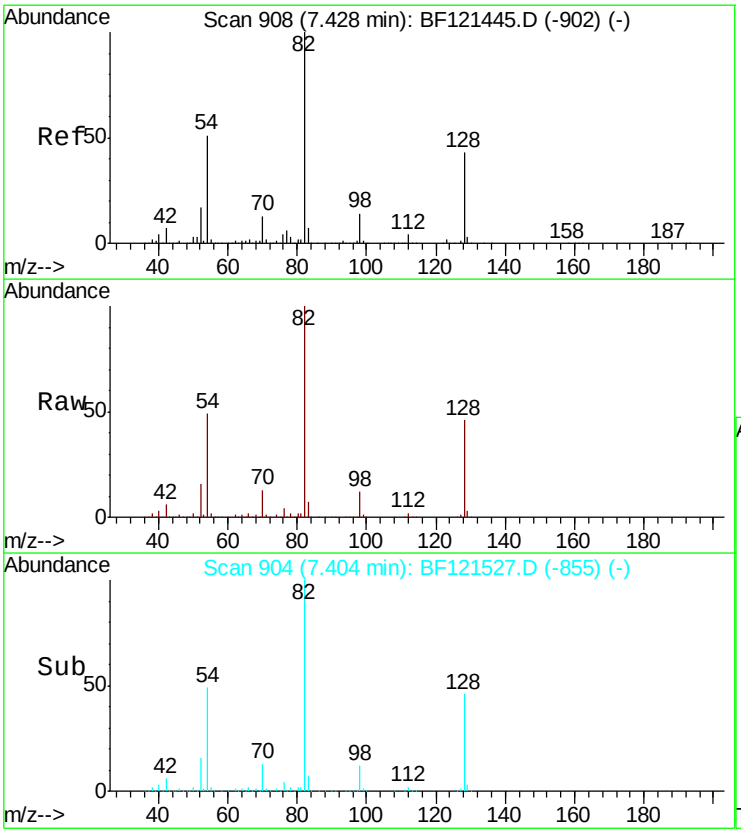
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:136 Resp: 1216222

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.4	6.2	9.4
68	6.7	5.1	7.7

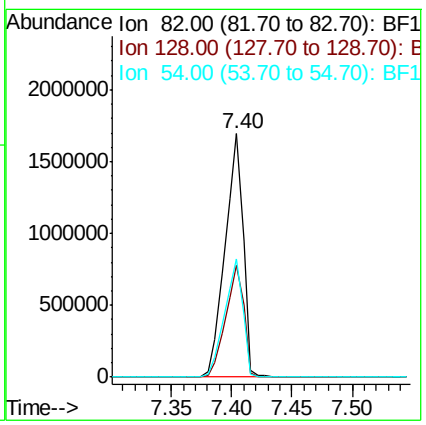


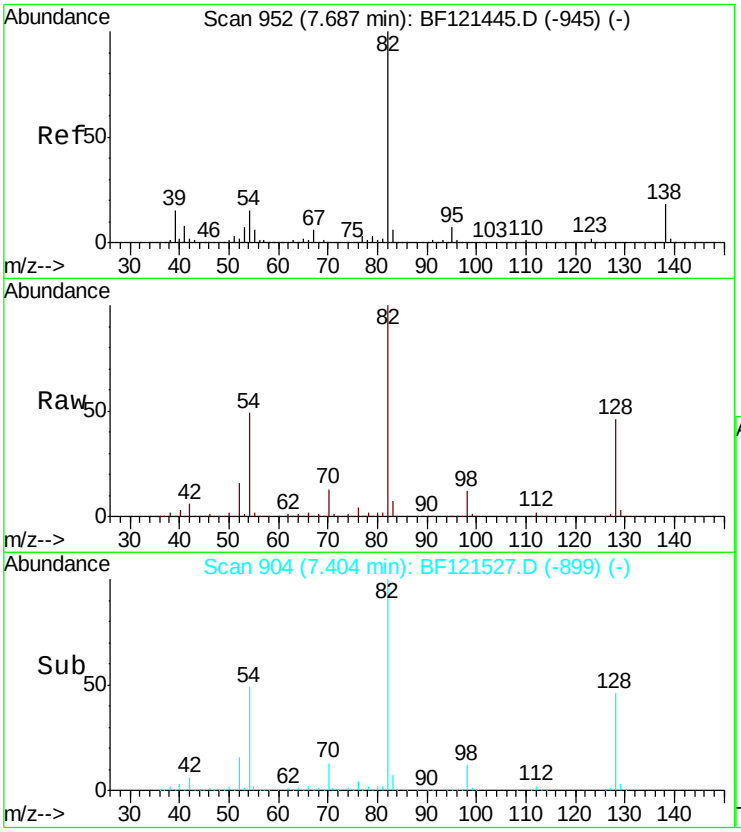


#23
Nitrobenzene-d5
Concen: 99.325 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion: 82 Resp: 1766988

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.3	55.9
54	48.7	39.0	58.6



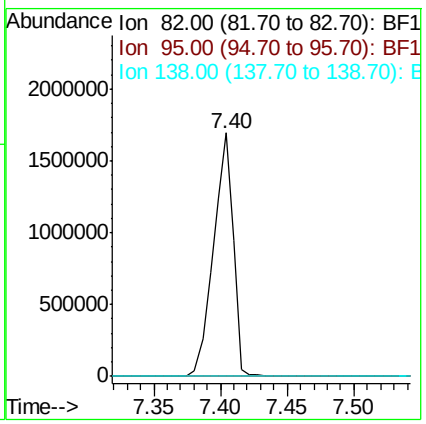


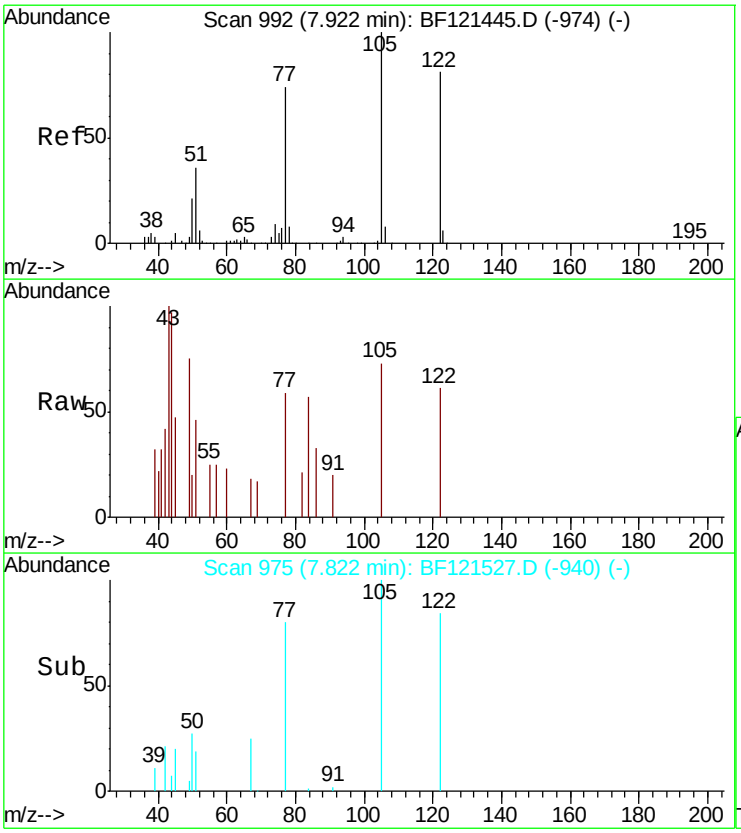
#25
Isophorone
Concen: 43.821 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion: 82 Resp: 1753445

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.6	23.4#

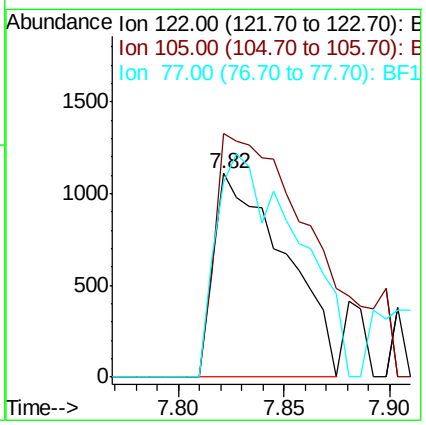


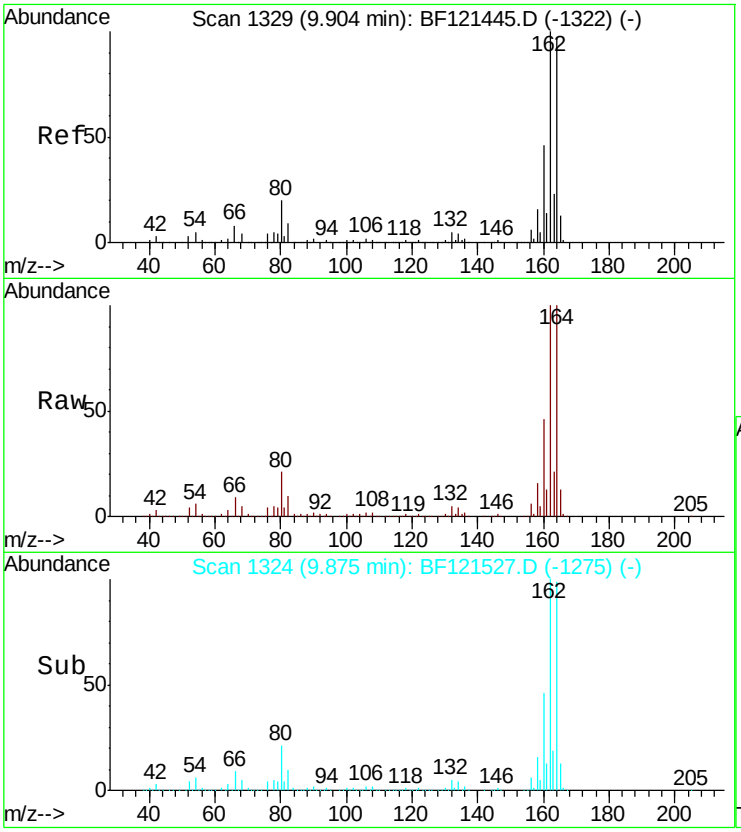


#32
Benzoic acid
Concen: 6.982 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.09 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:122 Resp: 2595

Ion	Ratio	Lower	Upper
122	100		
105	119.7	102.2	142.2
77	95.9	69.8	109.8



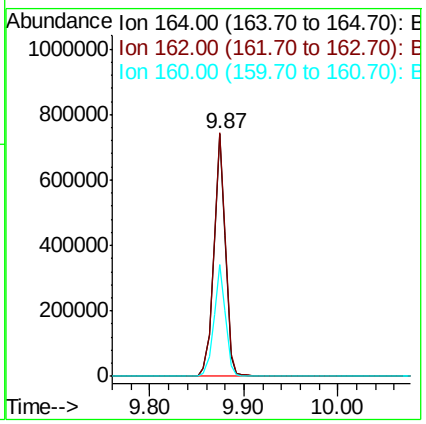


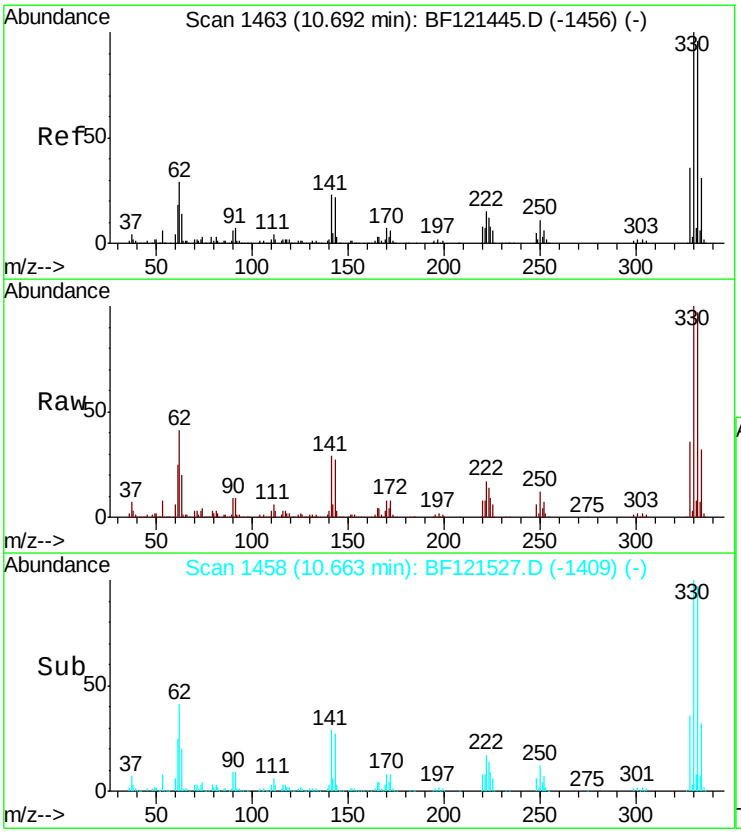
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:164 Resp: 646943

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.5	120.7
160	45.8	36.2	54.4

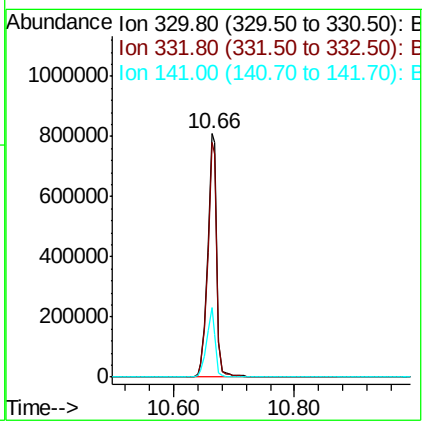


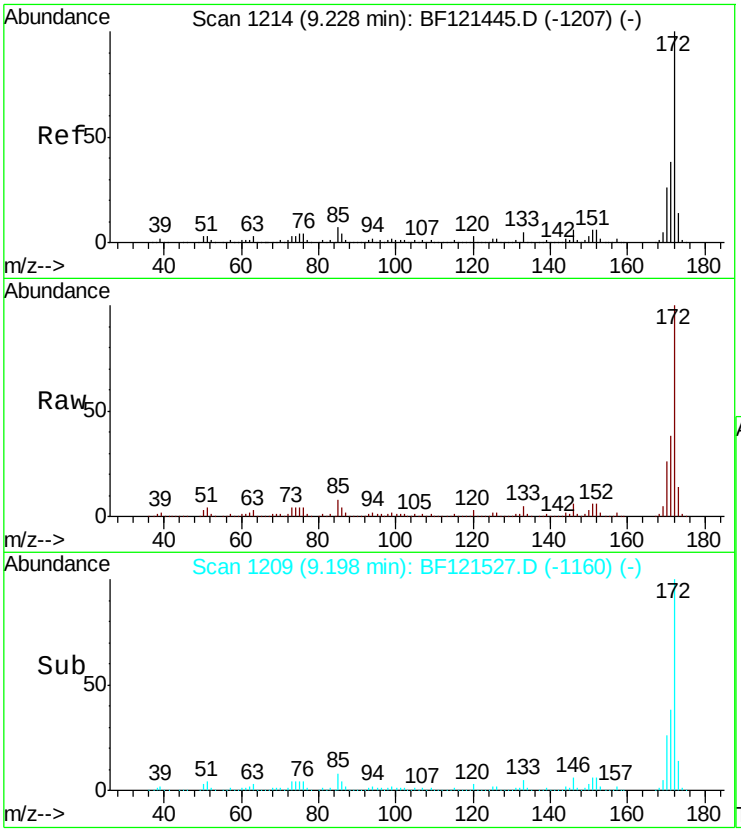


#42
2,4,6-Tribromophenol
Concen: 132.743 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:330 Resp: 867402

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.2
141	27.1	22.6	34.0



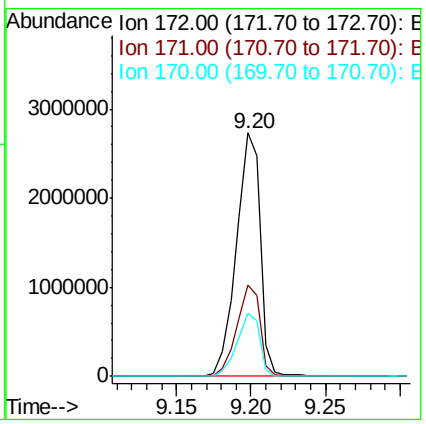


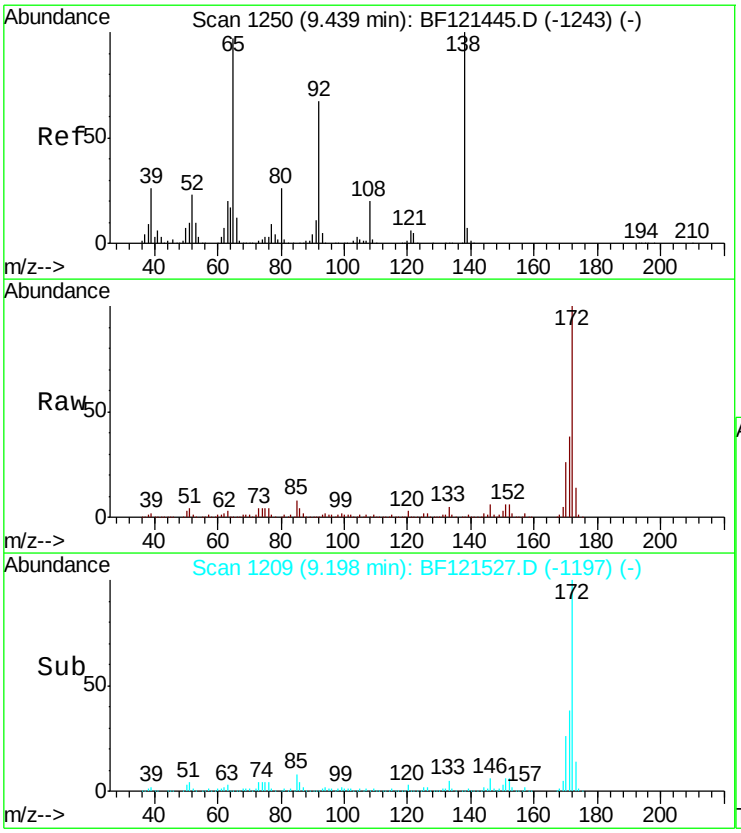
#45
2-Fluorobiphenyl
Concen: 76.005 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:172 Resp: 3047415

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.4	45.6
170	25.7	20.7	31.1

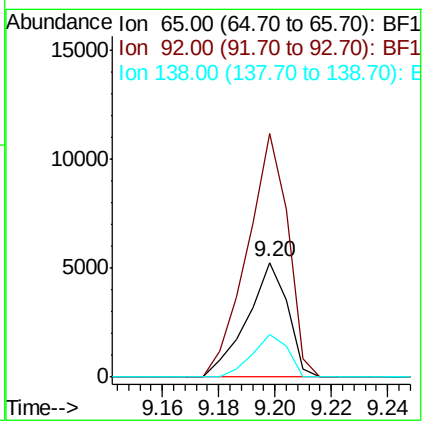


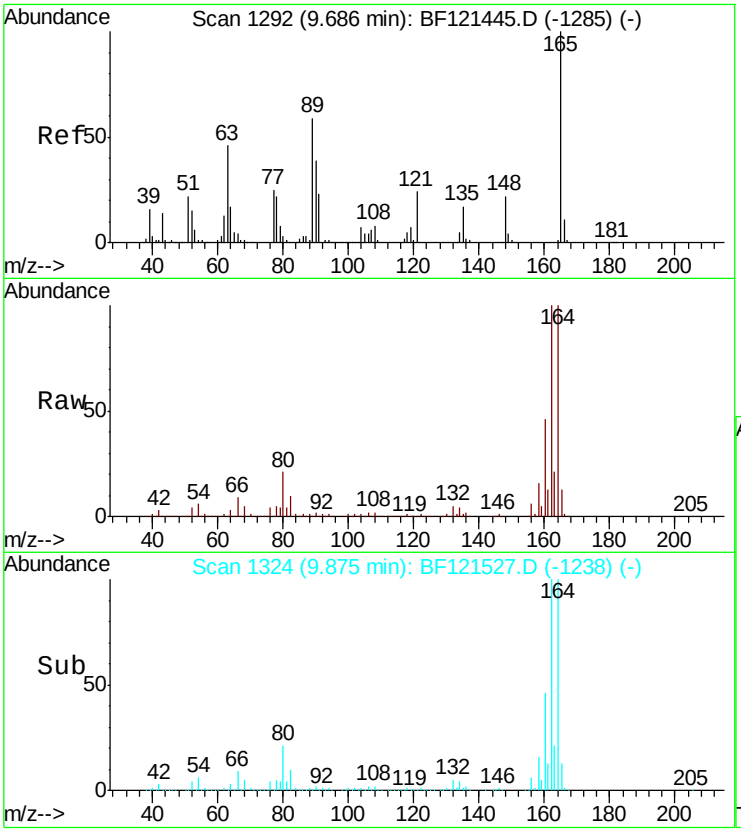


#48
2-Nitroaniline
Concen: 7.051 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.23 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion: 65 Resp: 5269

Ion	Ratio	Lower	Upper
65	100		
92	212.1	58.6	87.8#
138	36.8	88.6	133.0#



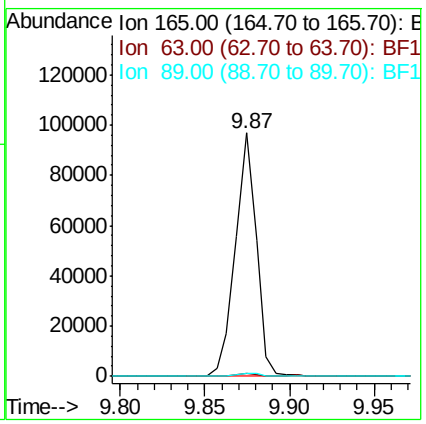


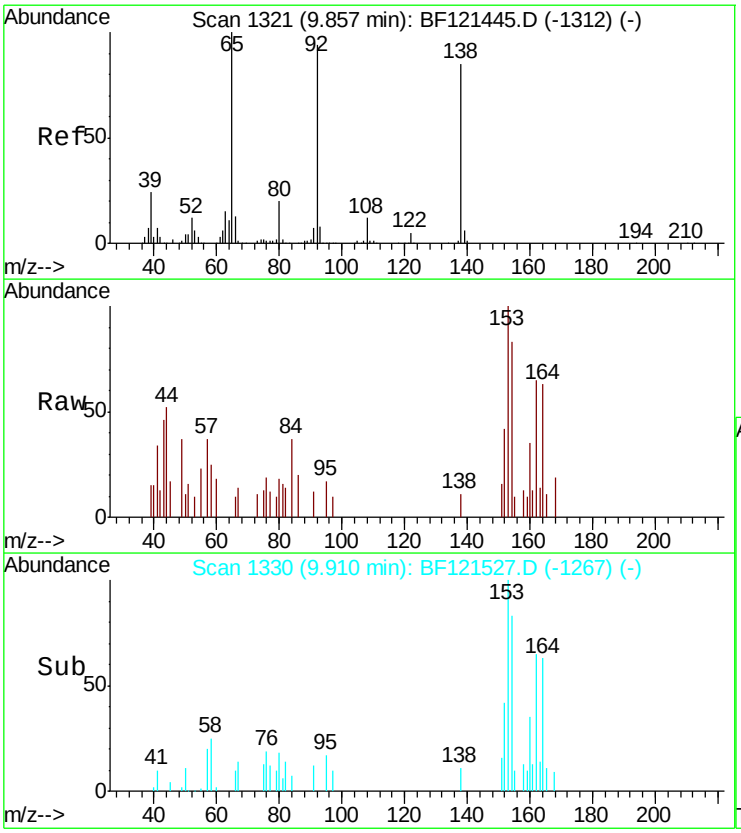
#51
2,6-Dinitrotoluene
Concen: 15.178 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:165 Resp: 84216

Ion	Ratio	Lower	Upper
165	100		
63	1.2	47.4	71.0#
89	1.3	47.9	71.9#

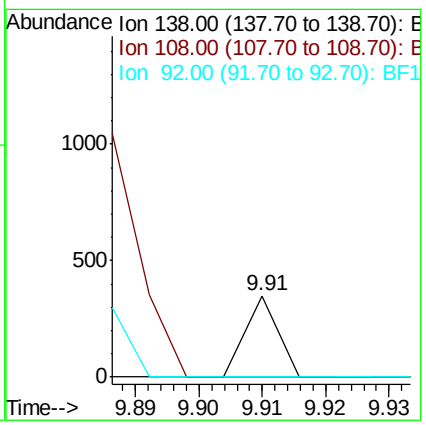


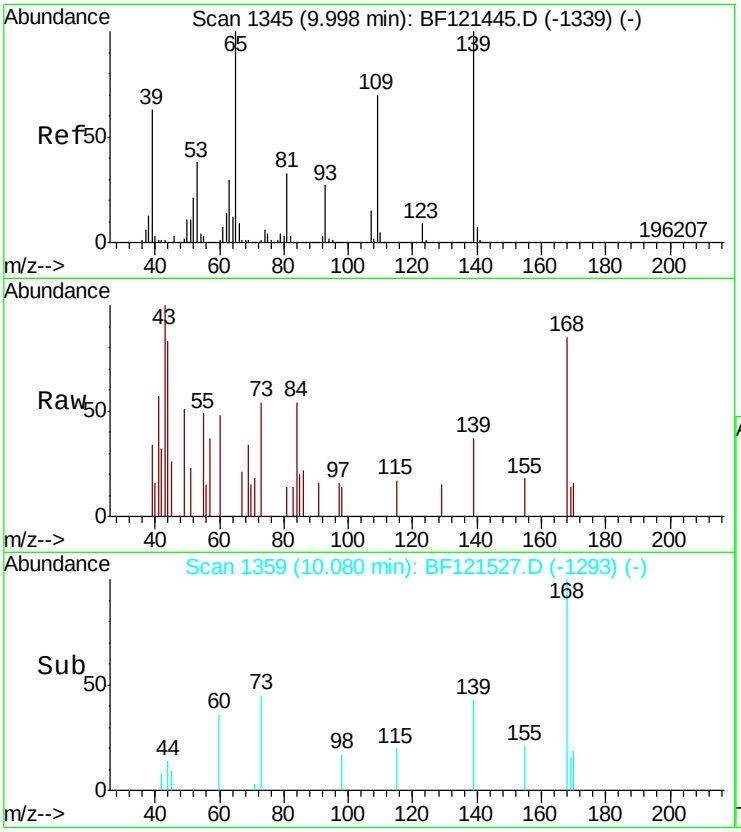


#53
3-Nitroaniline
Concen: 5.462 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.07 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:138 Resp: 124

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.7	13.1#
92	0.0	91.1	136.7#



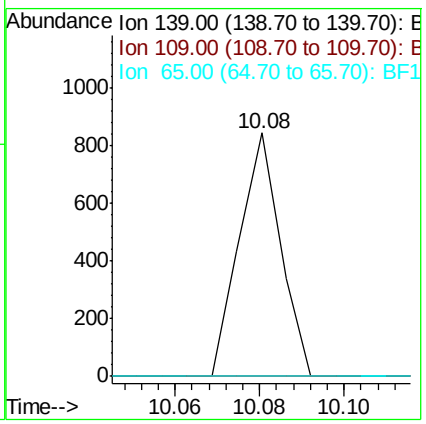


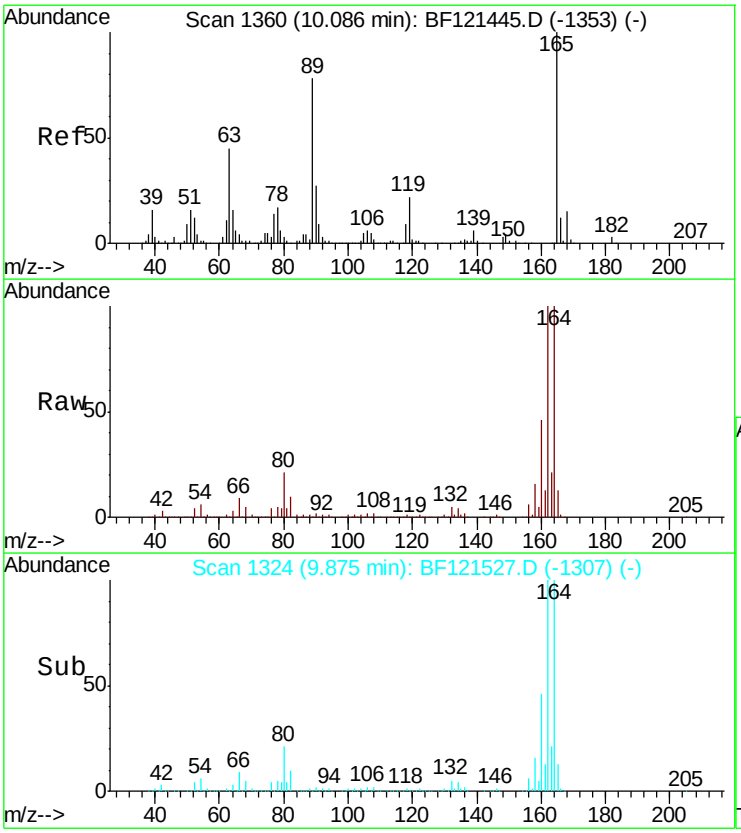
#56
4-Nitrophenol
Concen: 7.916 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:139 Resp: 571

Ion	Ratio	Lower	Upper
139	100		
109	0.0	44.3	84.3#
65	0.0	70.2	110.2#

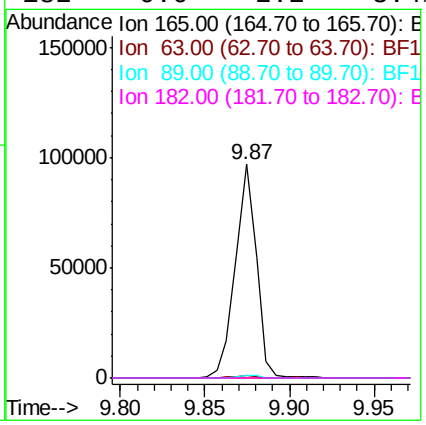


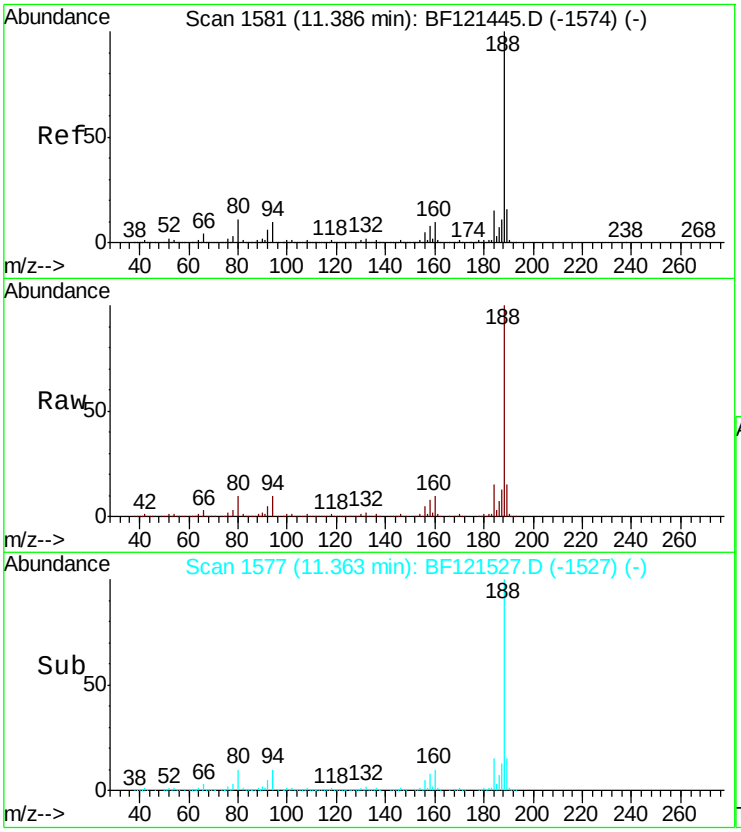


#57
2,4-Dinitrotoluene
Concen: 14.245 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.20 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:165 Resp: 84216

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.6	50.4#
89	1.3	56.4	84.6#
182	0.0	2.2	3.4#



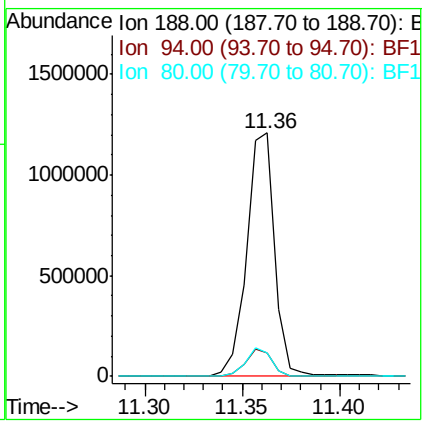


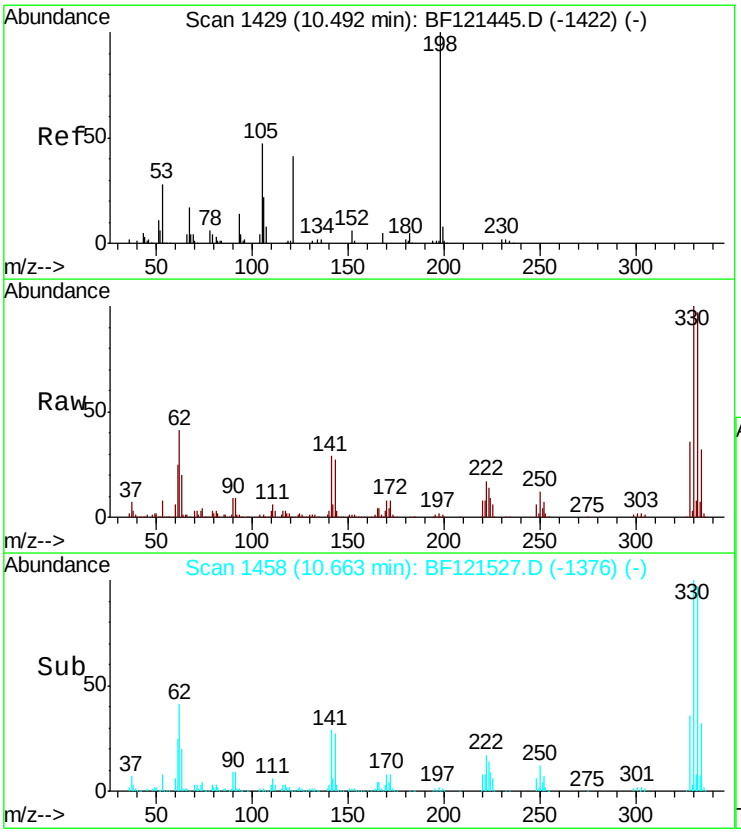
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:188 Resp: 1191439

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.8	13.2
80	9.9	9.1	13.7

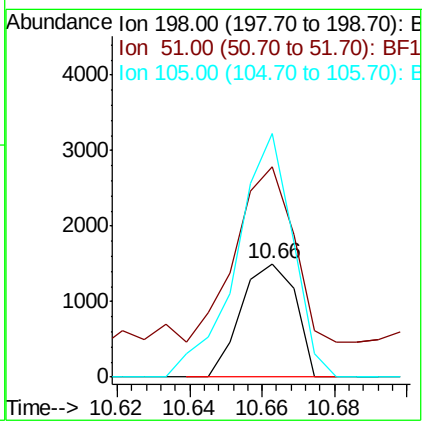


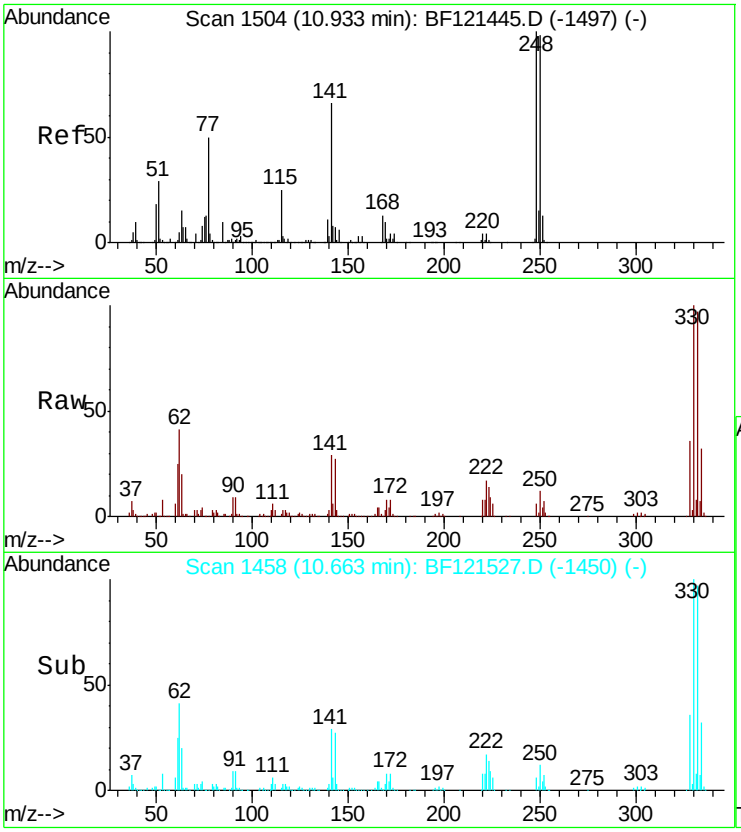


#65
4,6-Dinitro-2-methylphenol
Concen: 6.183 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.18 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:198 Resp: 1565

Ion	Ratio	Lower	Upper
198	100		
51	185.5	24.9	64.9#
105	215.1	25.8	65.8#



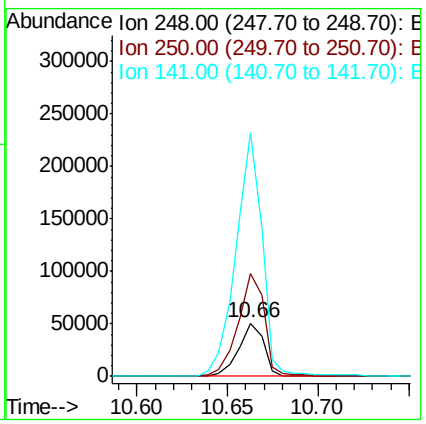


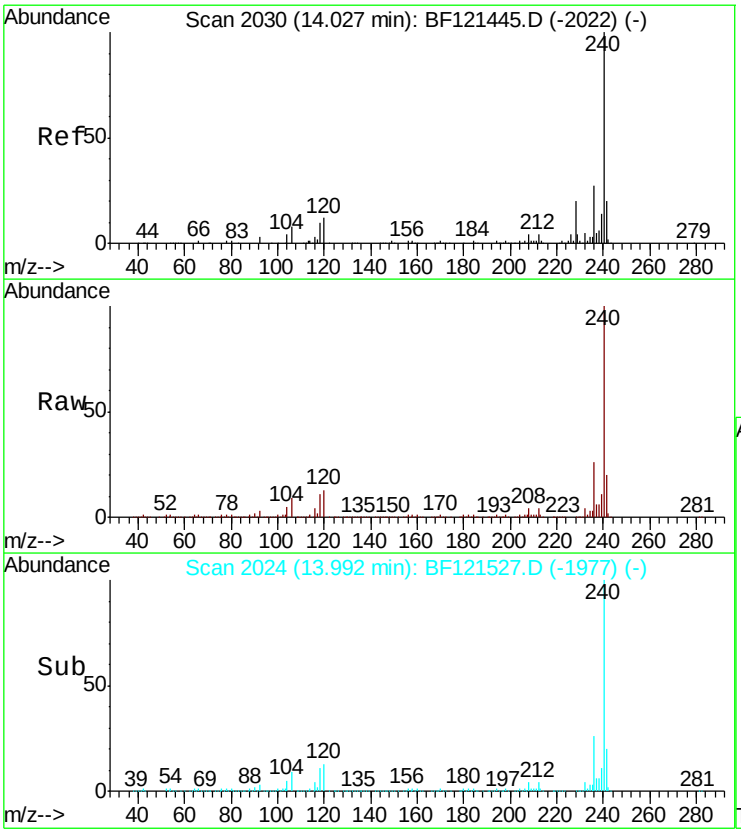
#67
4-Bromophenyl-phenylether
Concen: 3.812 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:248 Resp: 49968

Ion	Ratio	Lower	Upper
248	100		
250	192.7	77.8	116.6#
141	455.2	56.4	84.6#

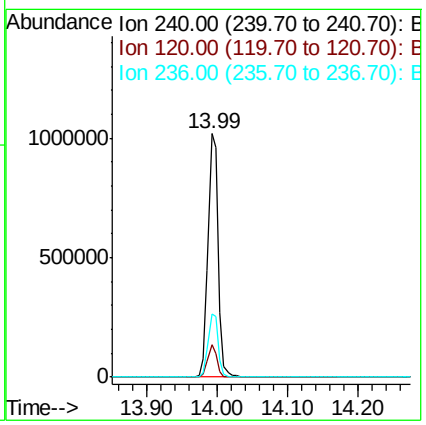


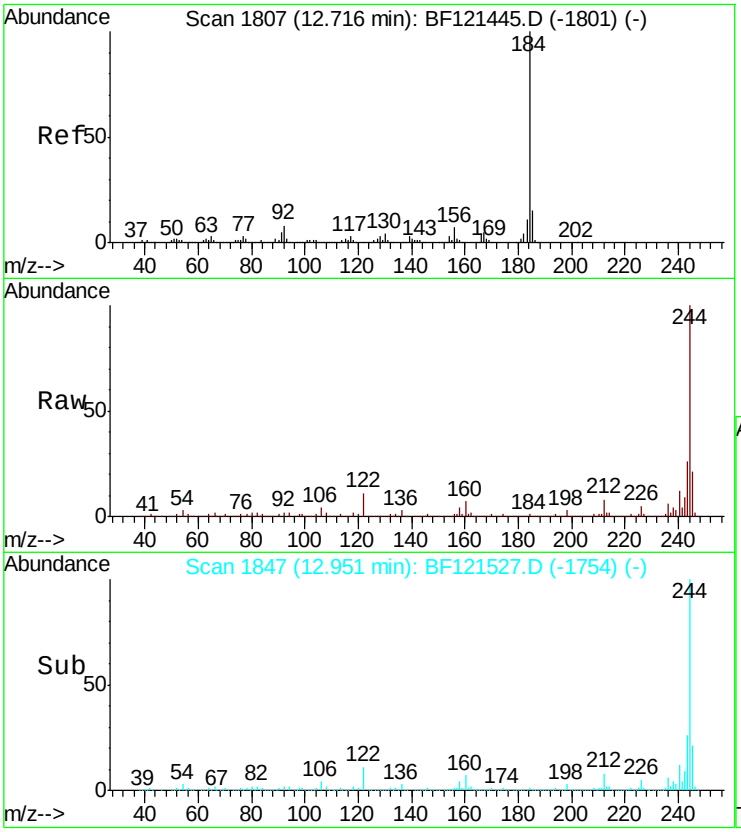


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:240 Resp: 1014645

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.0	12.0#
236	26.2	21.4	32.2



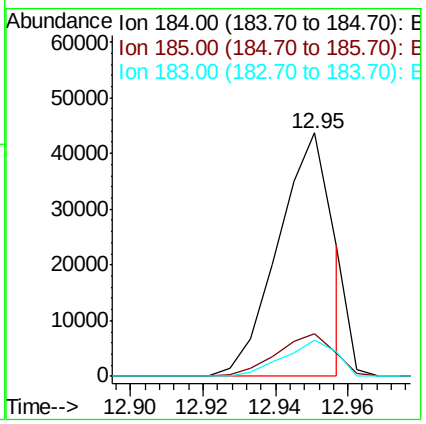


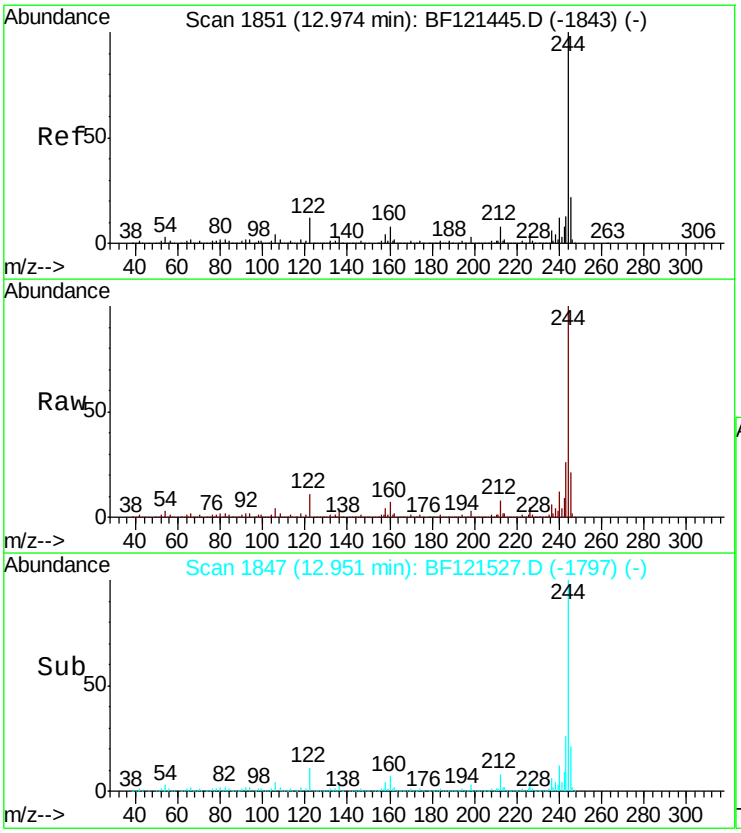
#77
Benzidine
Concen: 2.083 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.25 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:184 Resp: 46103

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.5	17.3#
183	15.1	9.0	13.6#

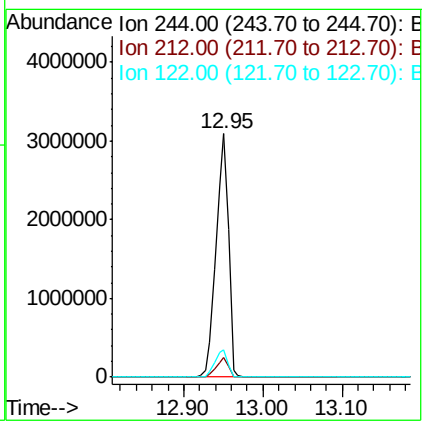


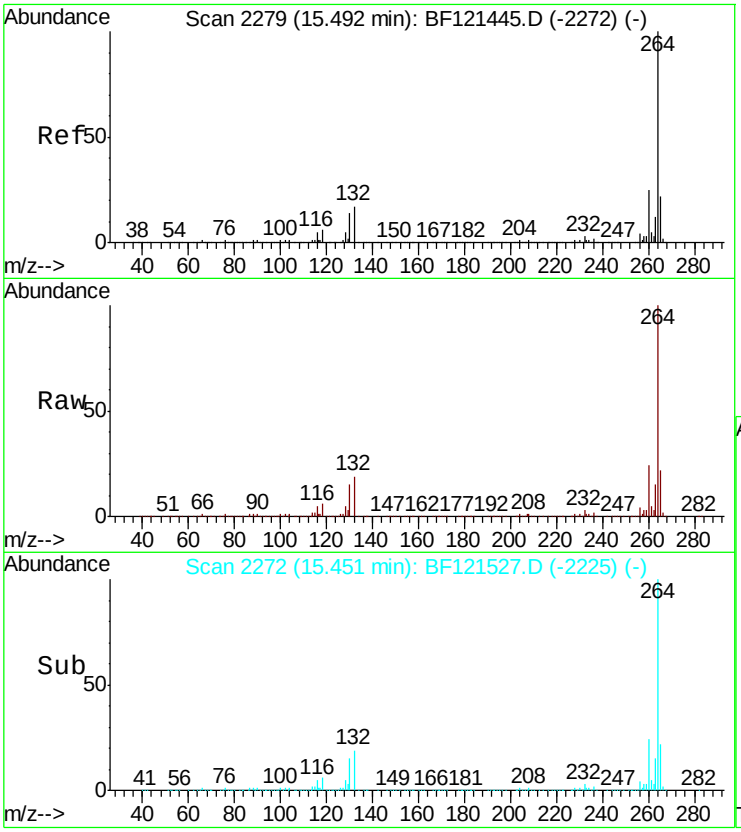


#79
Terphenyl-d14
Concen: 69.392 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:244 Resp: 3344872

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	11.4	9.3	13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tgt Ion:264 Resp: 887006

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.0	17.4	26.2