Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121528.D
Acq On : 8 Sep 2020 18:27
Operator : JU/CG
Sample : L3808-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B44-090320-DP

Quant Time: Sep 08 19:08:50 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	311053	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1188405	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	620418	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	1209488	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	1004282	20.00	ng		-0.02
86) Perylene-d12	15.46	264	880453	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1801931	97.19	ng		0.00
7) Phenol-d6	6.47	99	2101469	81.11	ng		-0.01
23) Nitrobenzene-d5	7.40	82	1681245	96.72	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	906688	144.69	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	2978544	77.46	ng		-0.01
79) Terphenyl-d14	12.95	244	3458795	72.50	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	6878	Below Cal			91
19) n-Nitroso-di-n-propylamine	7.40	70	223027	15.404	ng	#	79
25) Isophorone	7.40	82	1669235	42.693	ng	#	63
32) Benzoic acid	7.85	122	3470	7.101	ng		98
48) 2-Nitroaniline	9.20	65	4515	7.008	ng	#	1
51) 2,6-Dinitrotoluene	9.87	165	81278	15.234	ng	#	22
53) 3-Nitroaniline	9.97	138	126	5.463	ng	#	1
56) 4-Nitrophenol	10.08	139	407	7.901	ng	#	10
57) 2,4-Dinitrotoluene	9.87	165	81278	14.289	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.66	198	1694	6.235	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	51348	3.859	ng	#	1
77) Benzidine	12.95	184	48779	2.227	ng	#	93

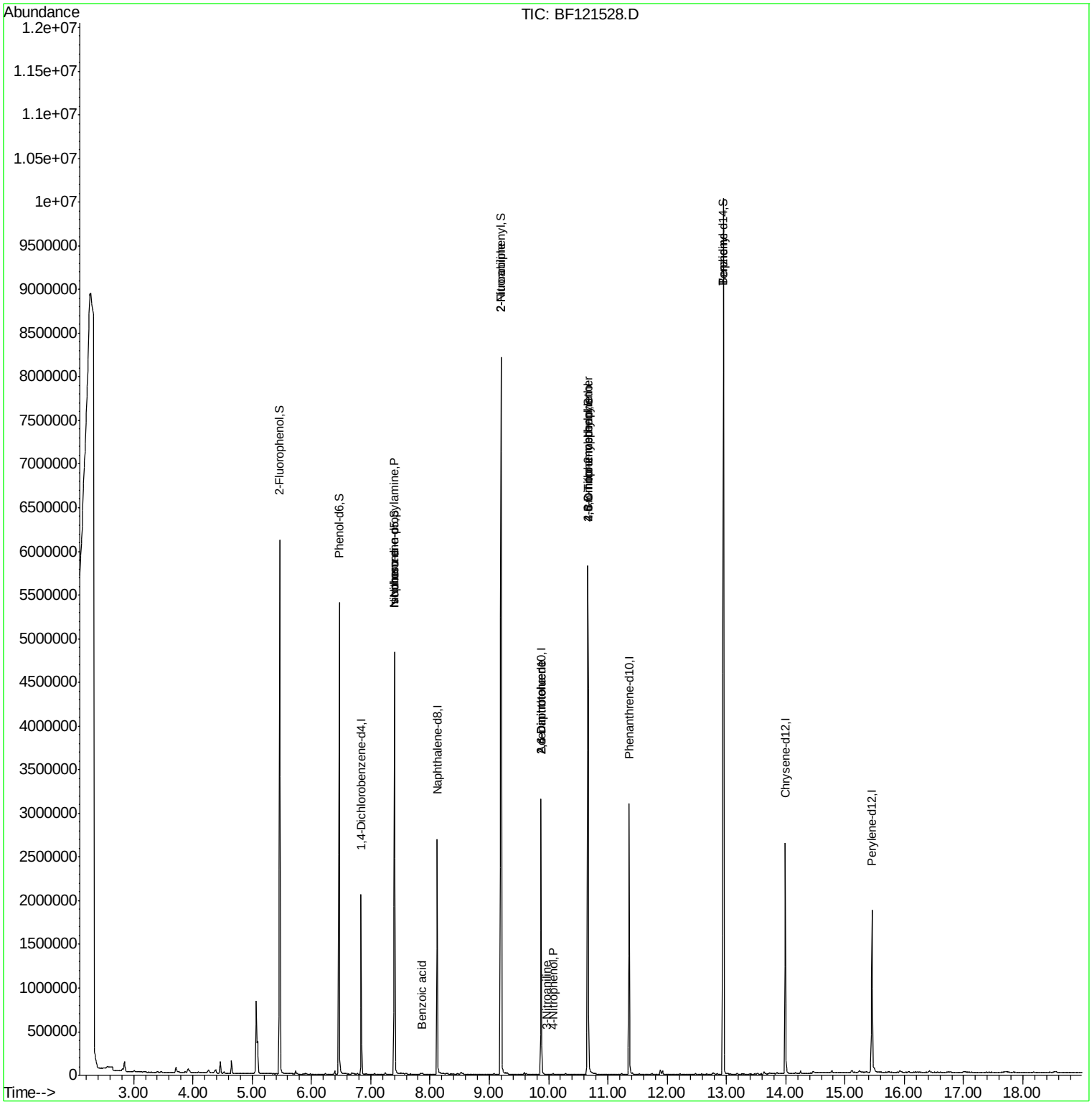
(#) = qualifier out of range (m) = manual integration (+) = signals summed

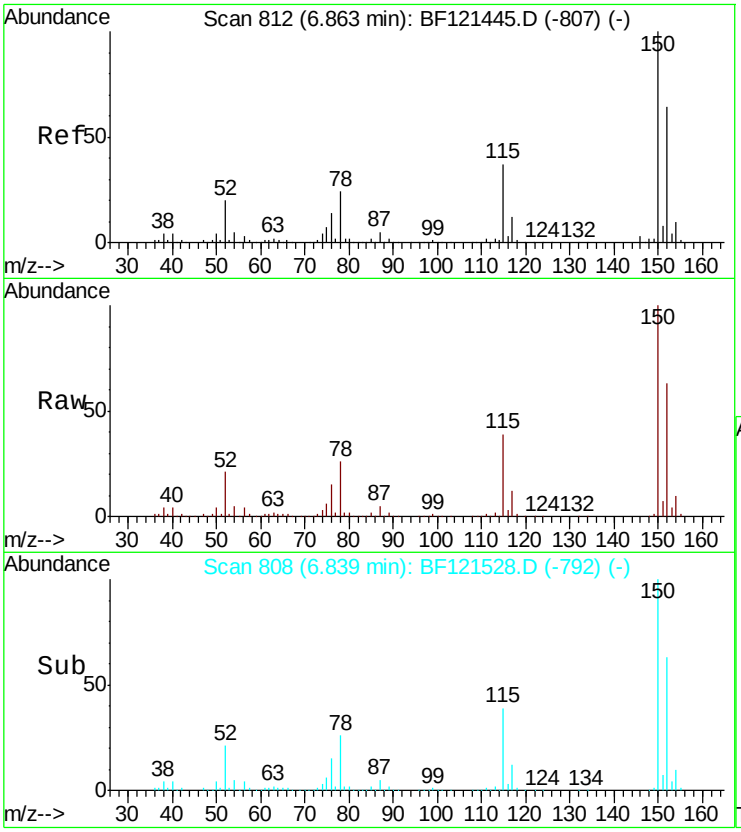
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121528.D
Acq On : 8 Sep 2020 18:27
Operator : JU/CG
Sample : L3808-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Quant Time: Sep 08 19:08:50 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



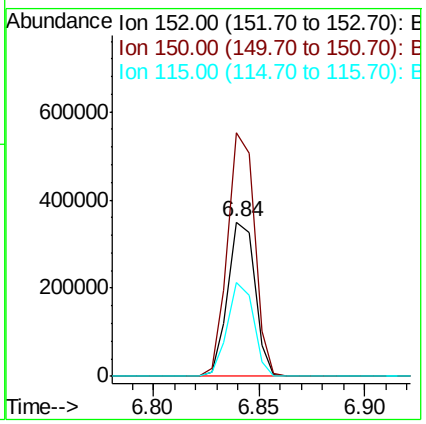


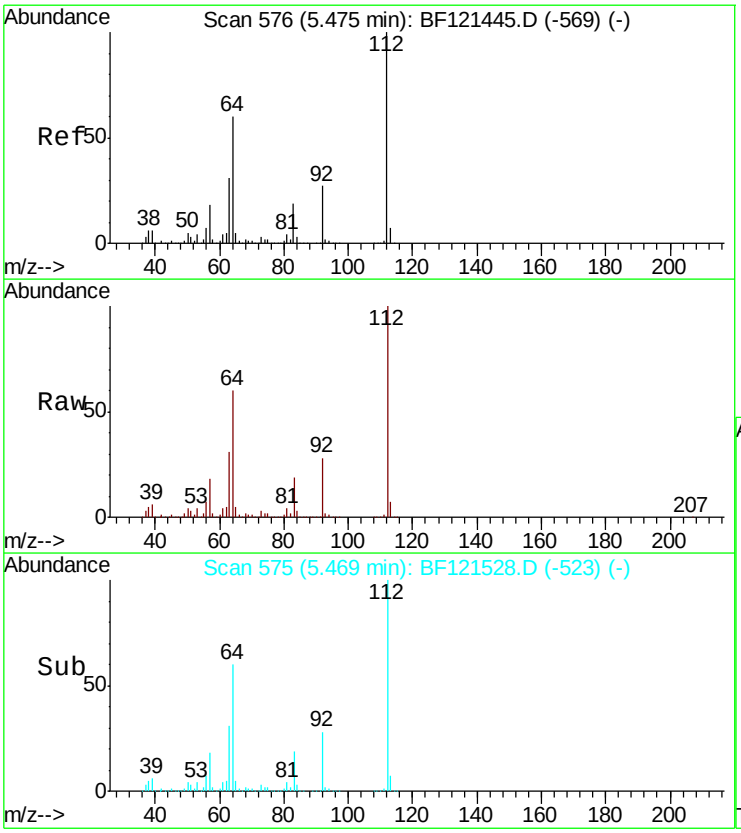
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:152 Resp: 311053

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.1	189.1
115	61.0	48.4	72.6

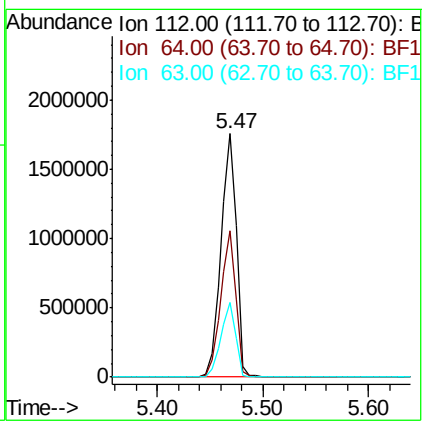


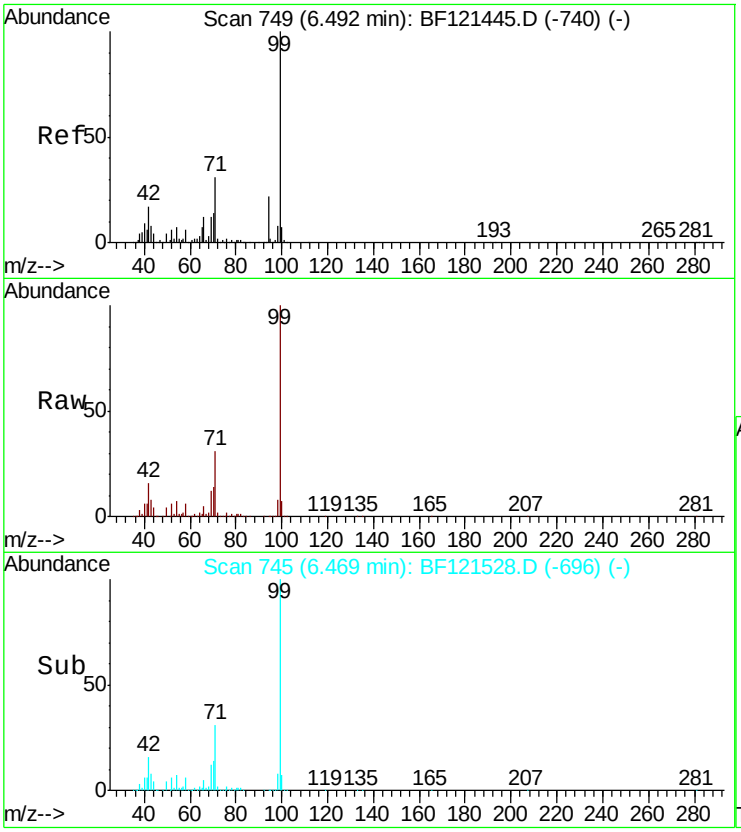


#5
2-Fluorophenol
Concen: 97.192 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:112 Resp: 1801931

Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.0	69.0
63	30.5	23.4	35.2



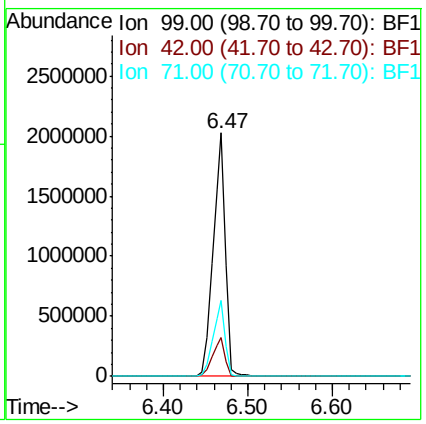


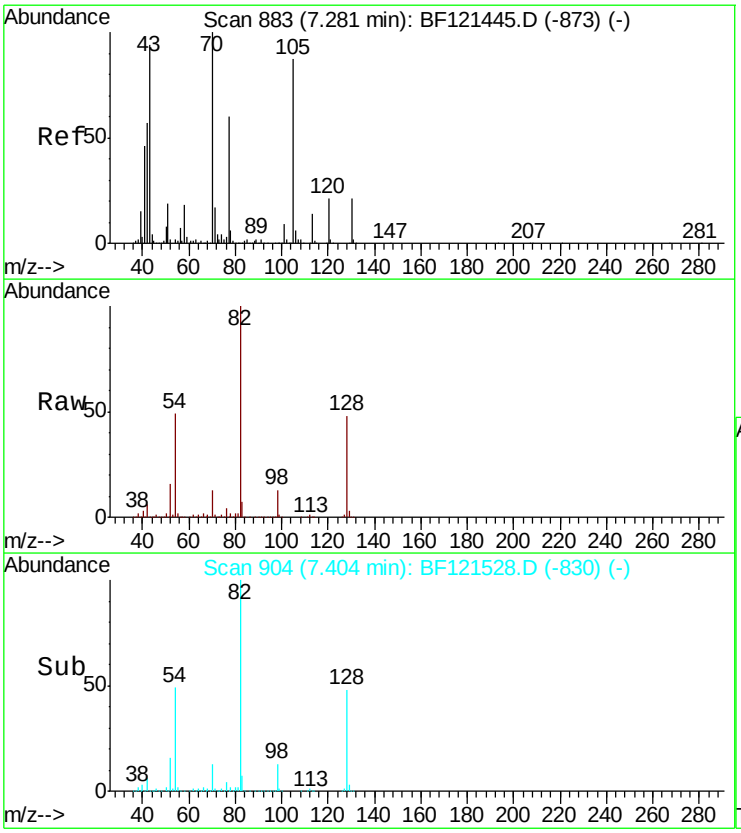
#7
Phenol-d6
Concen: 81.110 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion: 99 Resp: 2101469

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.0	19.4
71	31.2	24.8	37.2

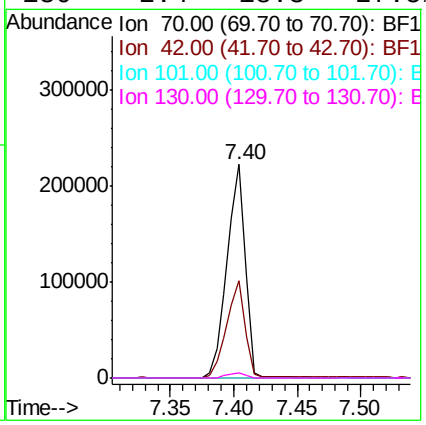


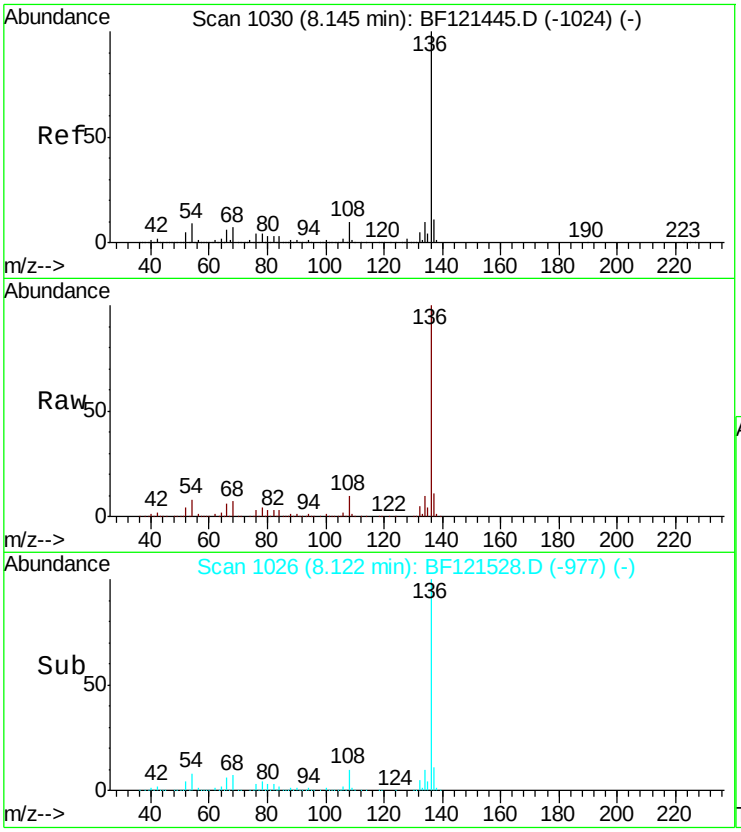


#19
n-Nitroso-di-n-propylamine
Concen: 15.404 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion: 70 Resp: 223027

Ion	Ratio	Lower	Upper
70	100		
42	45.5	42.0	63.0
101	0.0	8.1	12.1#
130	2.4	18.3	27.5#



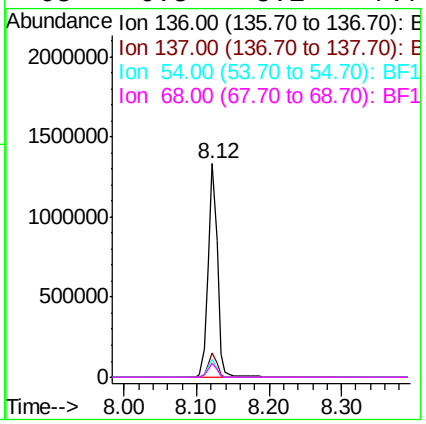


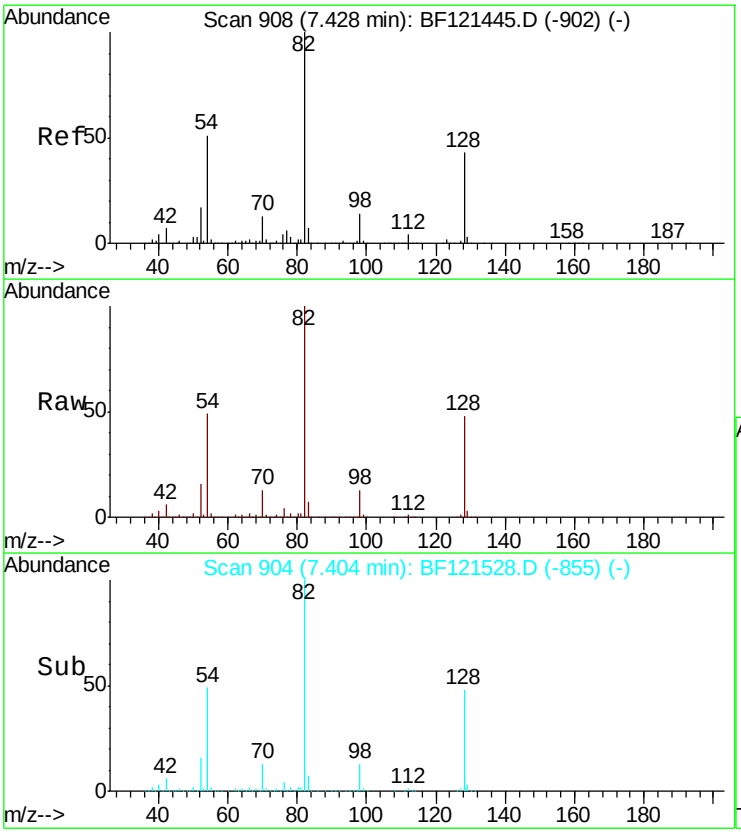
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:136 Resp: 1188405

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.2	9.4
68	6.8	5.1	7.7

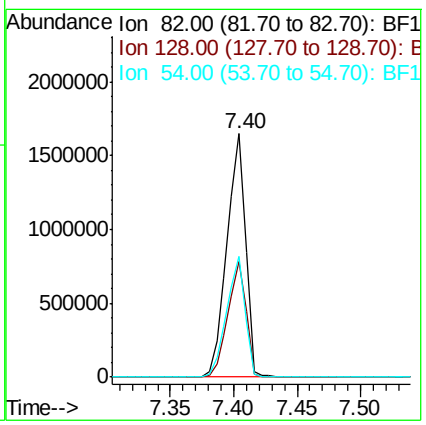


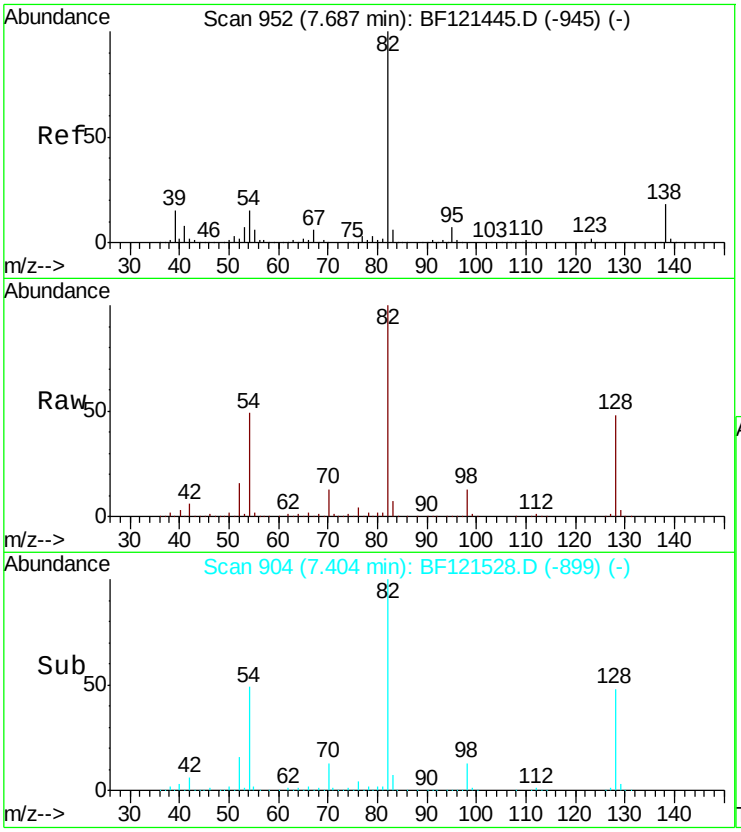


#23
Nitrobenzene-d5
Concen: 96.717 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion: 82 Resp: 1681245

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.3	55.9
54	49.4	39.0	58.6



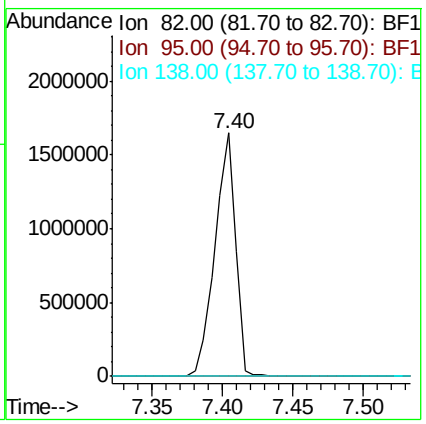


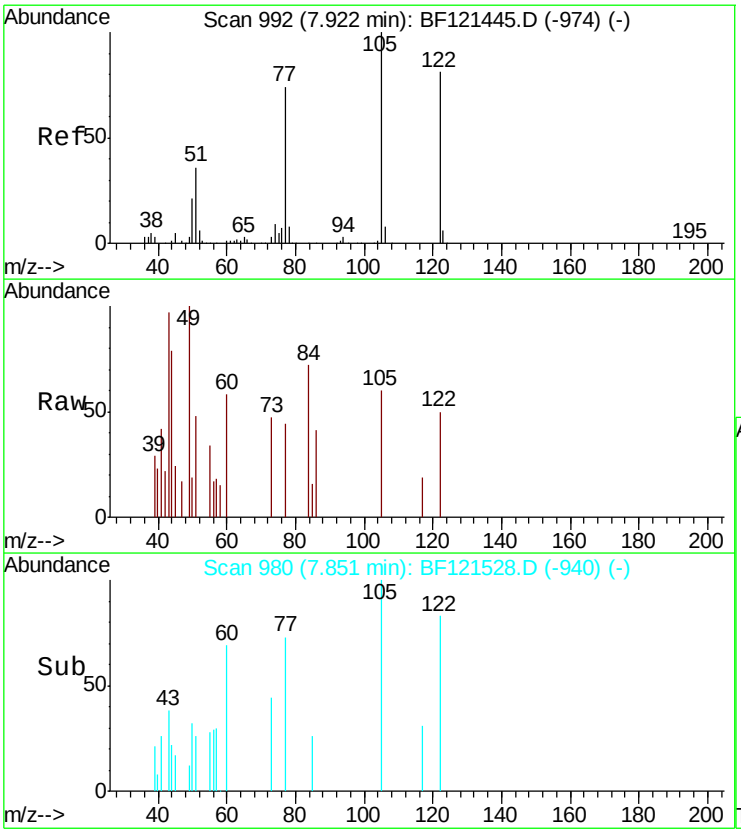
#25
Isophorone
Concen: 42.693 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion: 82 Resp: 1669235

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

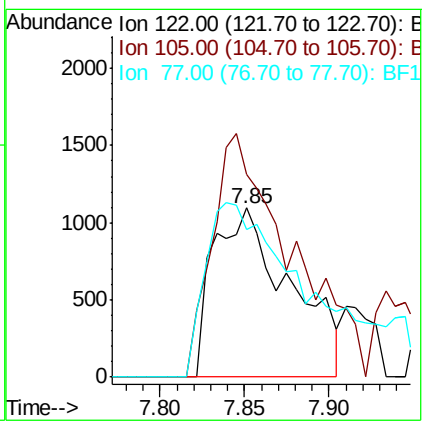


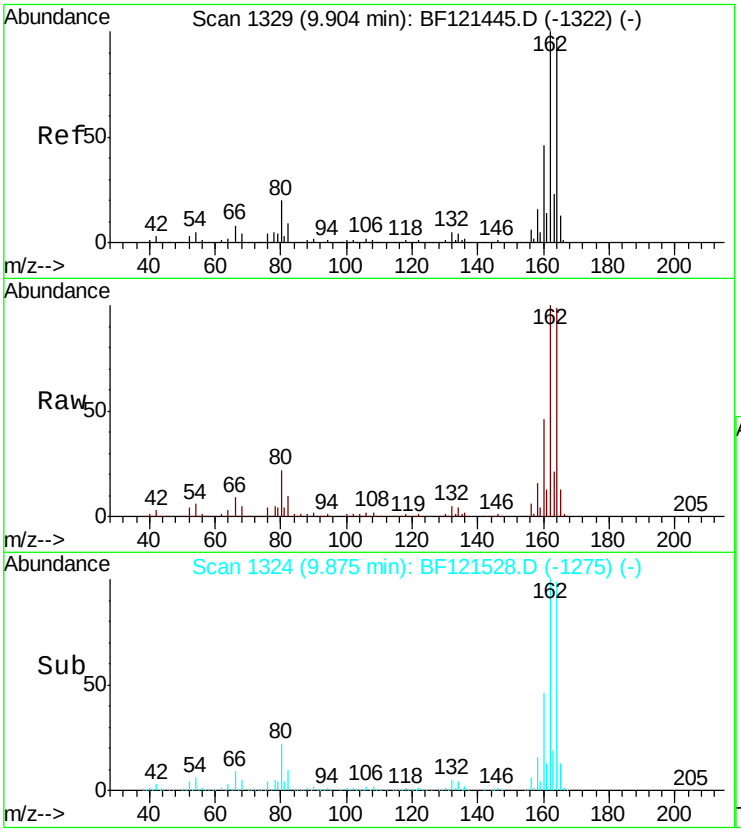


#32
Benzoic acid
Concen: 7.101 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.06 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:122 Resp: 3470

Ion	Ratio	Lower	Upper
122	100		
105	119.8	102.2	142.2
77	87.8	69.8	109.8



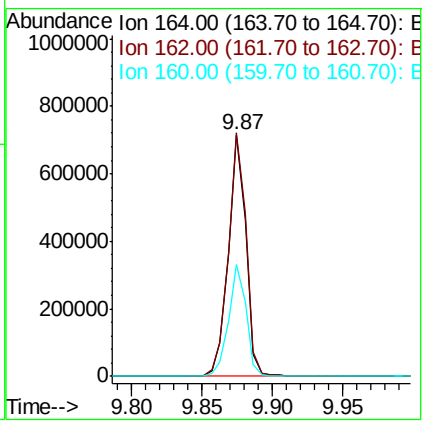


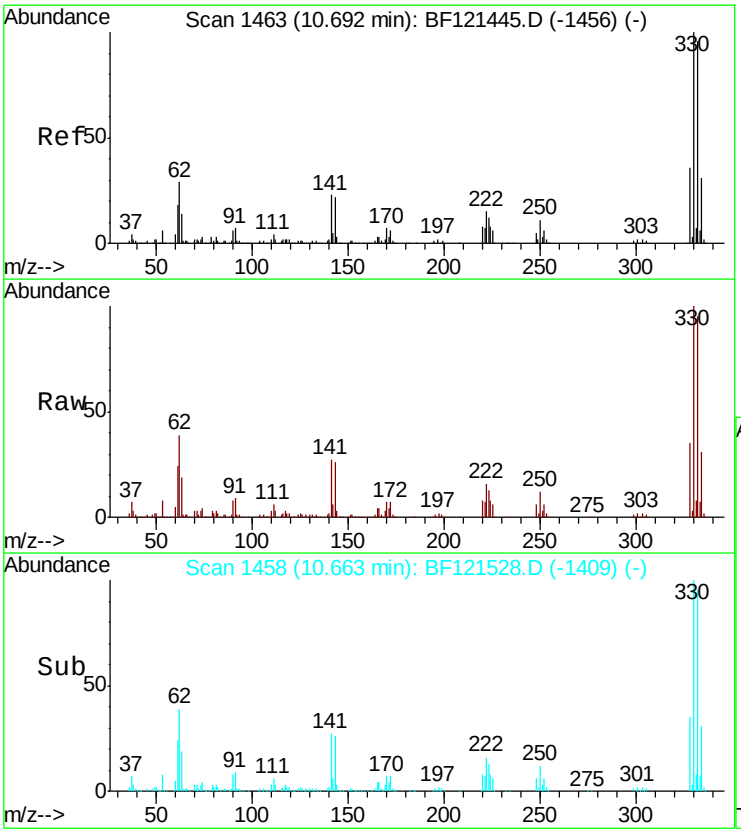
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:164 Resp: 620418

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.5	120.7
160	46.1	36.2	54.4

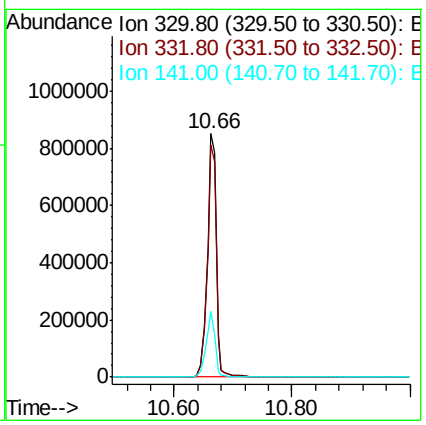


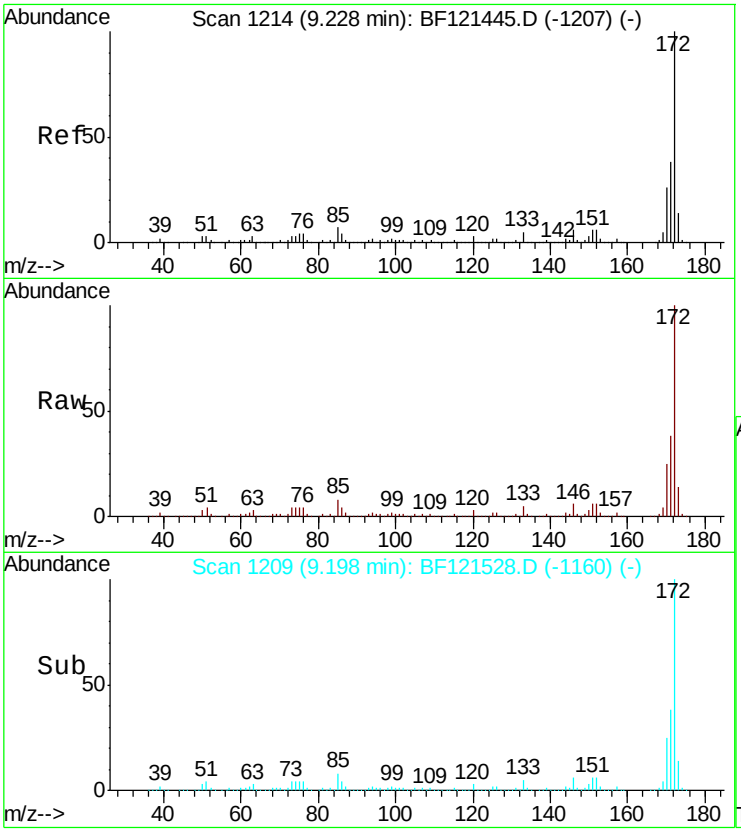


#42
2,4,6-Tribromophenol
Concen: 144.687 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:330 Resp: 906688

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.2
141	27.0	22.6	34.0



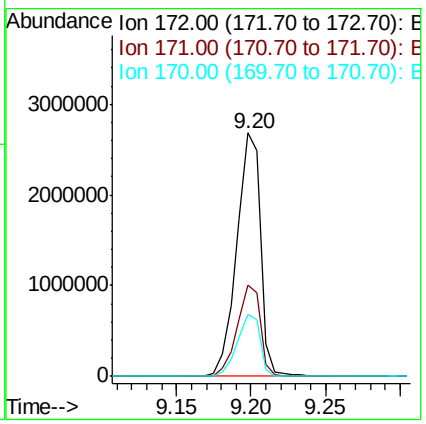


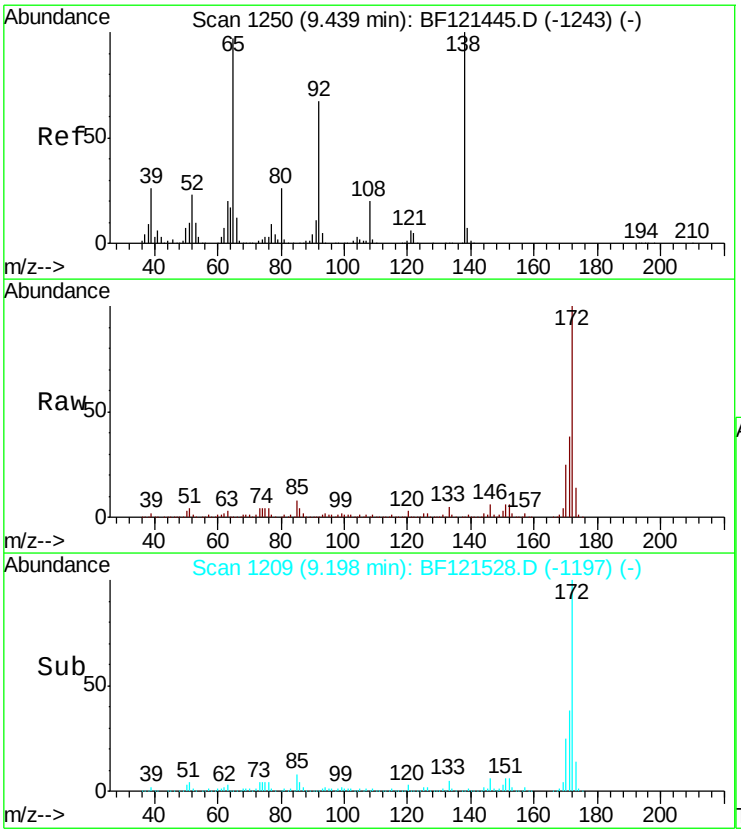
#45
2-Fluorobiphenyl
Concen: 77.463 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:172 Resp: 2978544

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.4	45.6
170	25.5	20.7	31.1

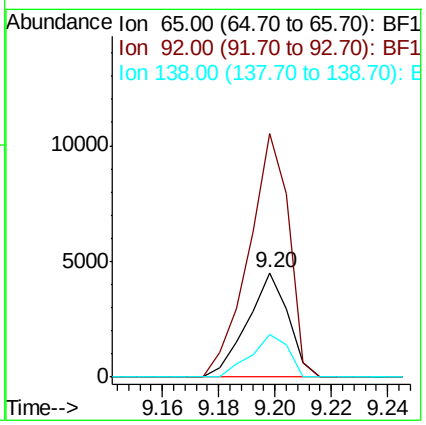


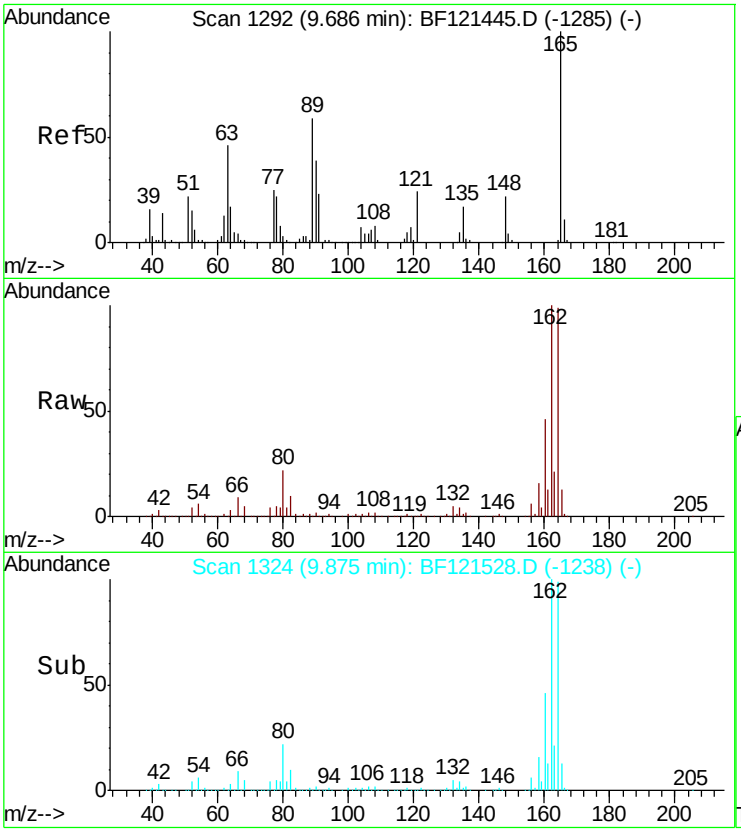


#48
2-Nitroaniline
Concen: 7.008 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.23 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion: 65 Resp: 4515

Ion	Ratio	Lower	Upper
65	100		
92	233.5	58.6	87.8#
138	40.4	88.6	133.0#



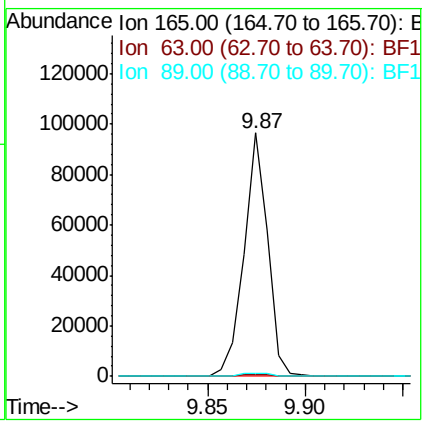


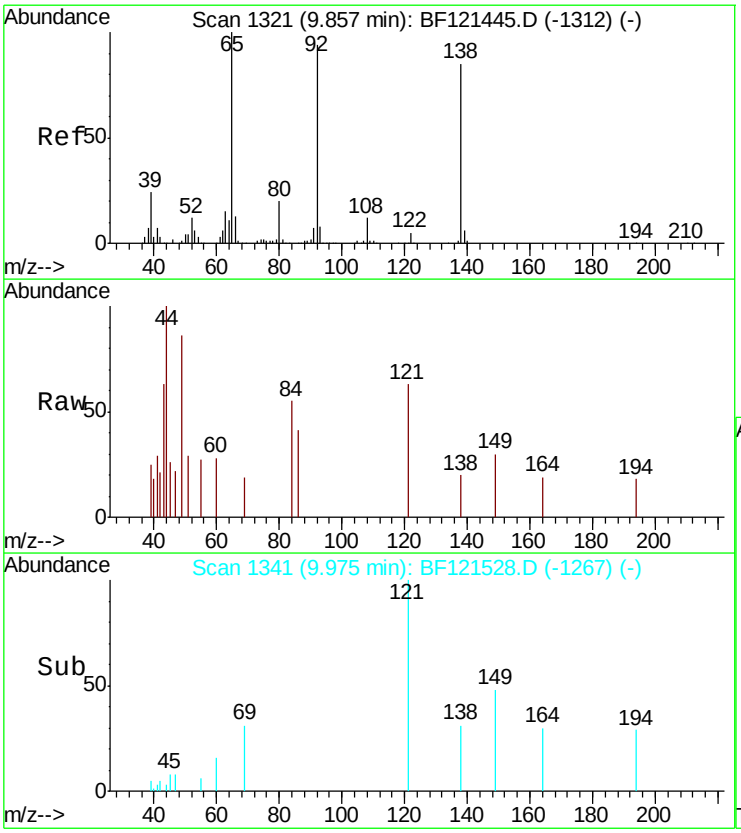
#51
2,6-Dinitrotoluene
Concen: 15.234 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:165 Resp: 81278

Ion	Ratio	Lower	Upper
165	100		
63	0.9	47.4	71.0#
89	1.3	47.9	71.9#

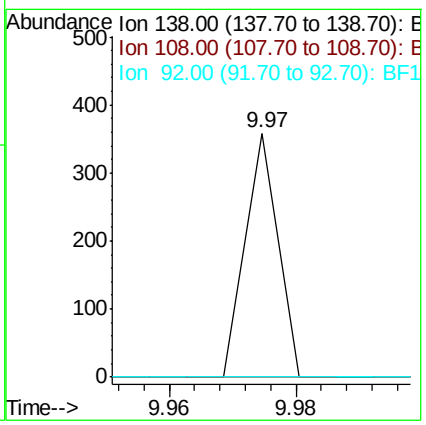


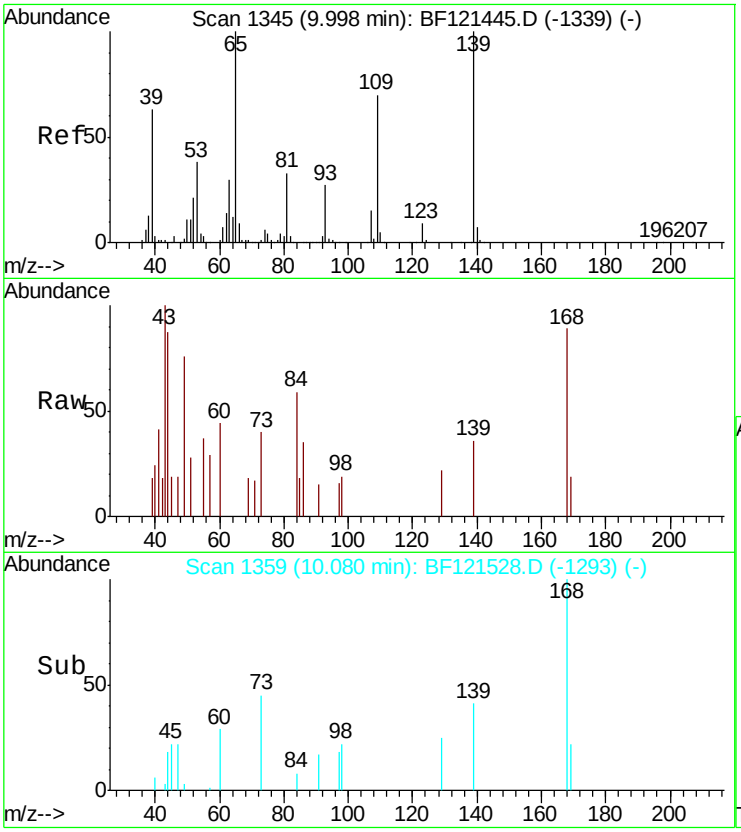


#53
3-Nitroaniline
Concen: 5.463 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.14 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:138 Resp: 126

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



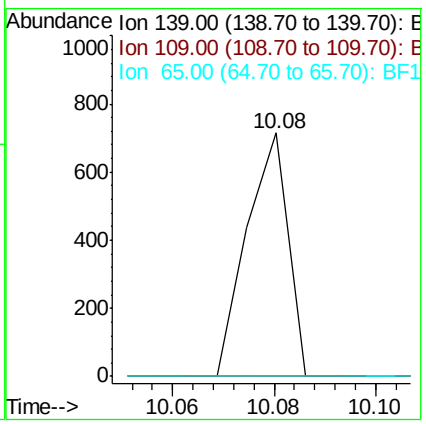


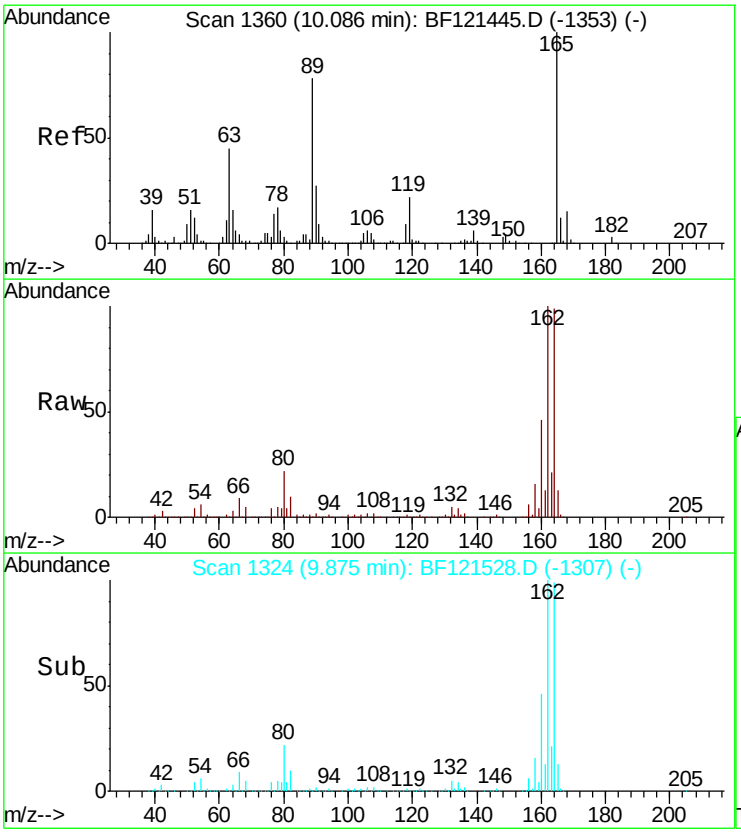
#56
4-Nitrophenol
Concen: 7.901 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:139 Resp: 407

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

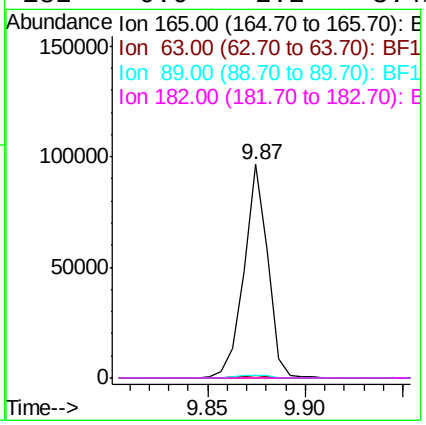


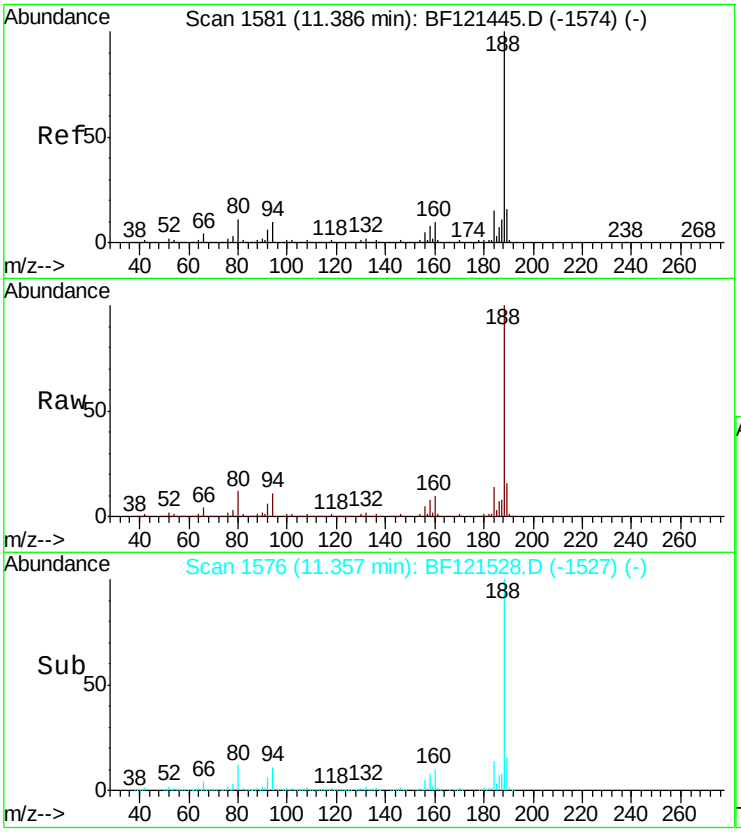


#57
2,4-Dinitrotoluene
Concen: 14.289 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.20 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:165 Resp: 81278

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.6	50.4#
89	1.3	56.4	84.6#
182	0.0	2.2	3.4#



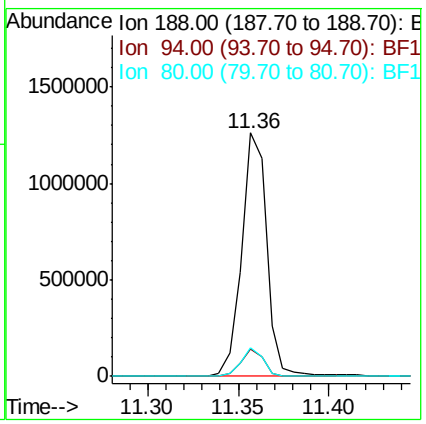


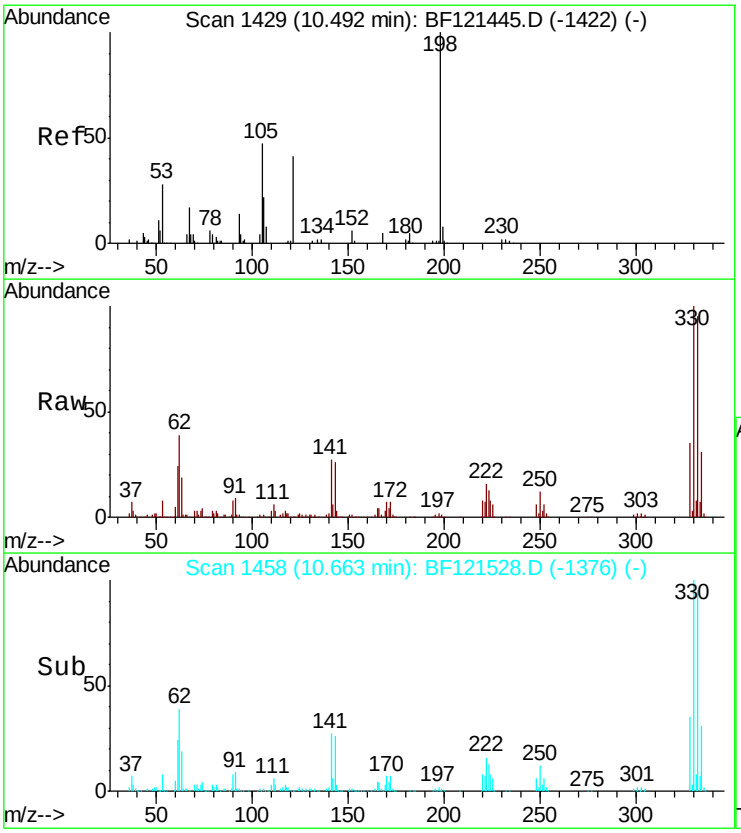
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:188 Resp: 1209488

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.8	13.2
80	11.6	9.1	13.7

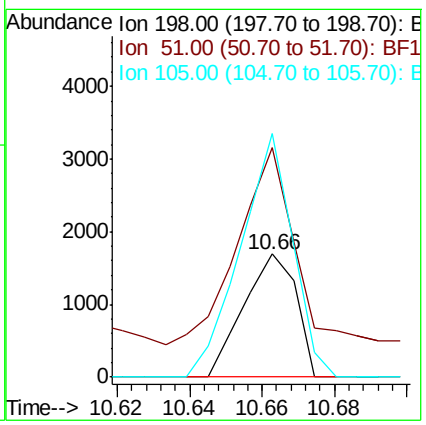


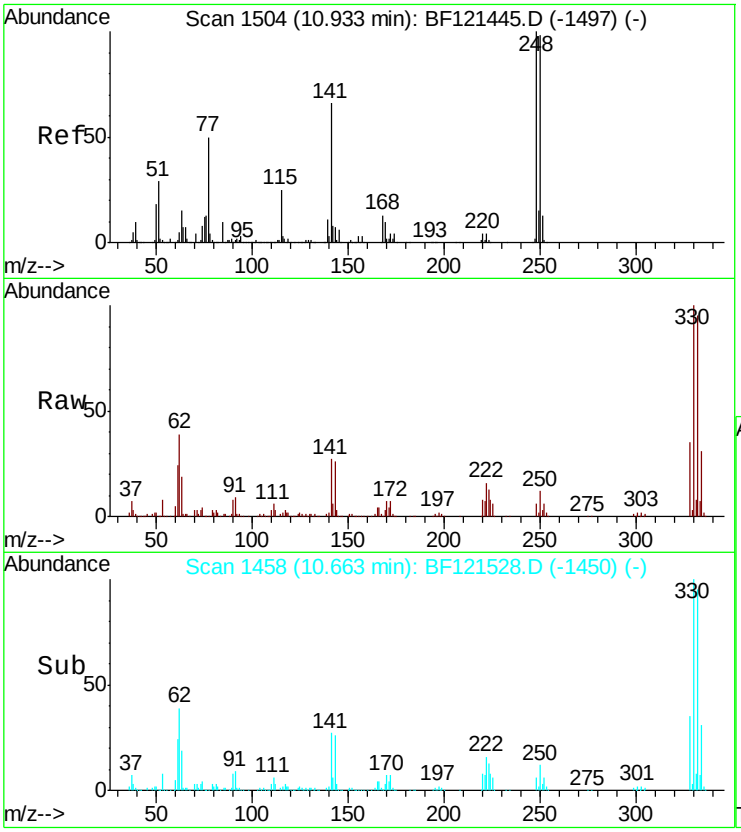


#65
4,6-Dinitro-2-methylphenol
Concen: 6.235 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.18 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:198 Resp: 1694

Ion	Ratio	Lower	Upper
198	100		
51	186.4	24.9	64.9#
105	198.1	25.8	65.8#



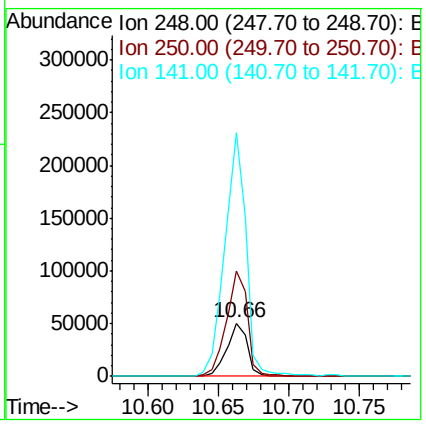


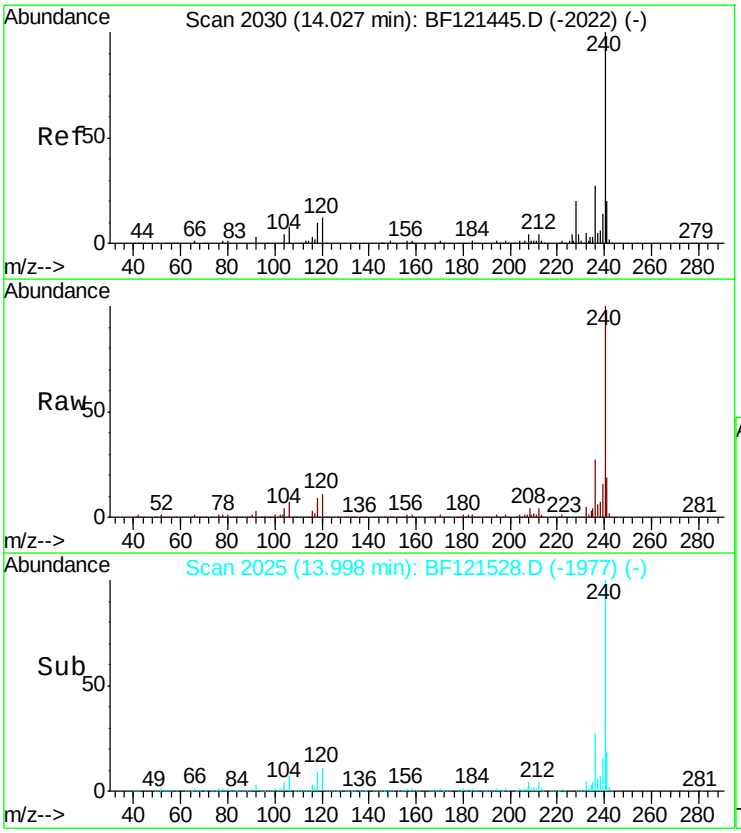
#67
4-Bromophenyl-phenylether
Concen: 3.859 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:248 Resp: 51348

Ion	Ratio	Lower	Upper
248	100		
250	197.3	77.8	116.6#
141	458.2	56.4	84.6#

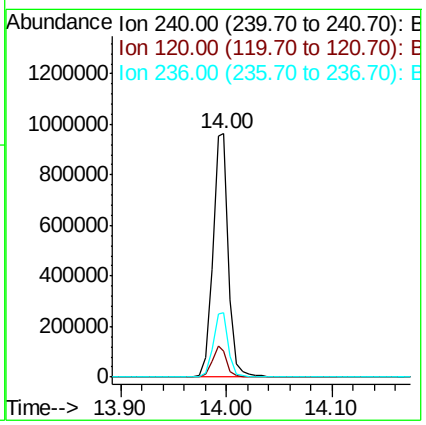


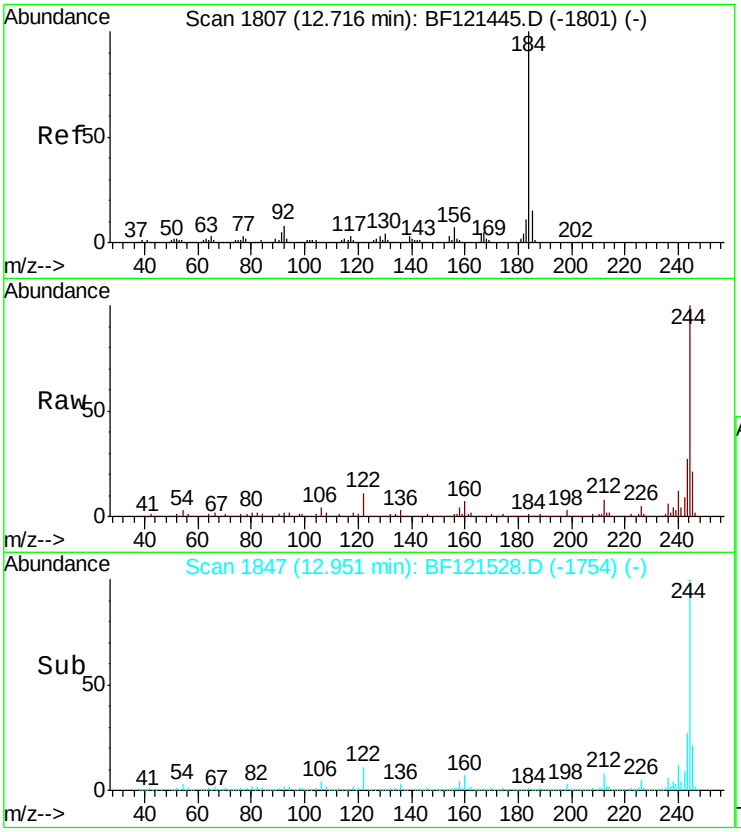


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:240 Resp: 1004282

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.0	12.0
236	26.6	21.4	32.2



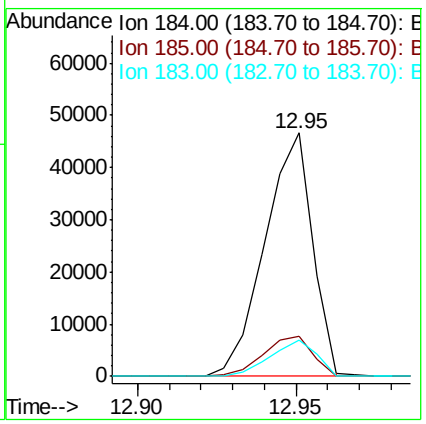


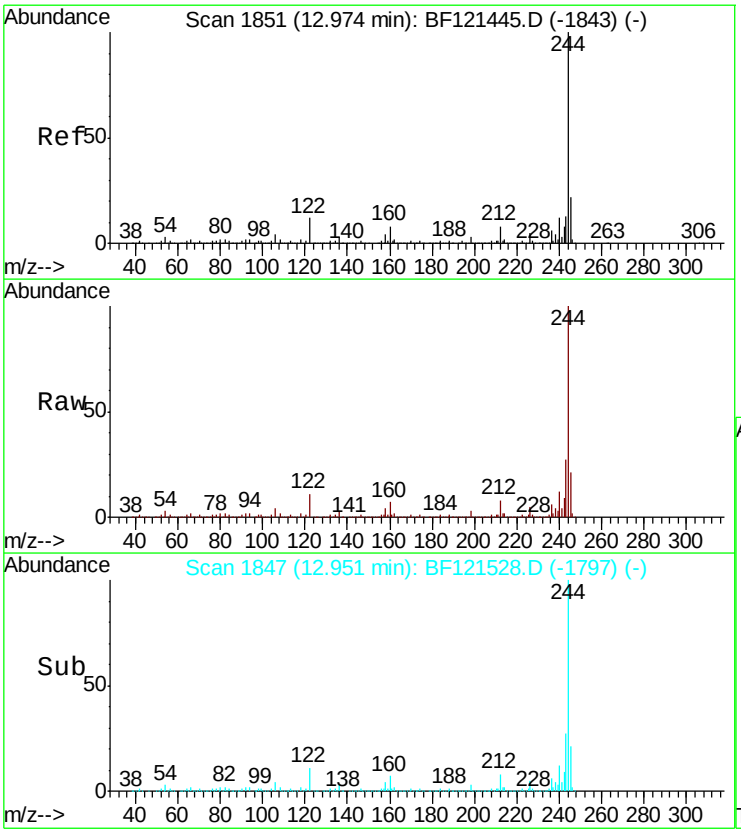
#77
Benzidine
Concen: 2.227 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.25 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:184 Resp: 48779

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.5	17.3
183	15.0	9.0	13.6#

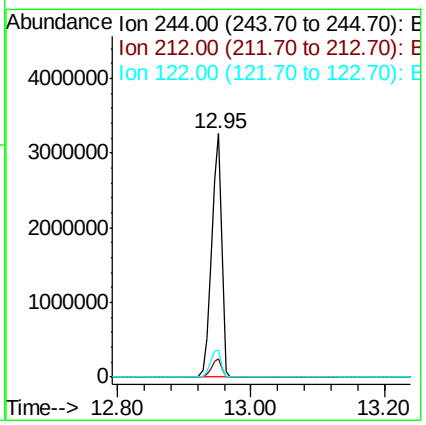


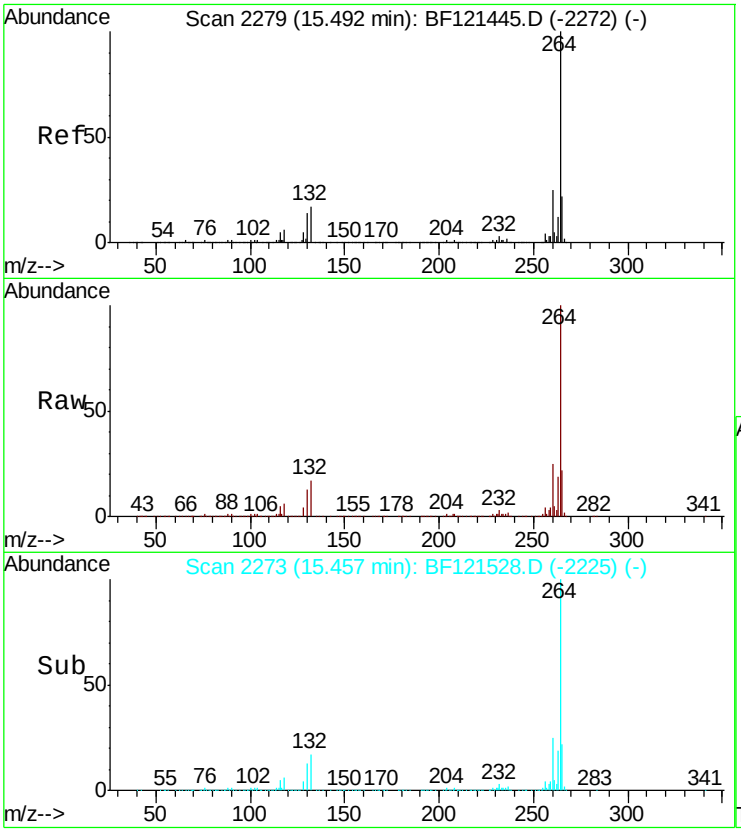


#79
Terphenyl-d14
Concen: 72.496 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion:244 Resp: 3458795

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.0	9.3	13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tgt Ion:264 Resp: 880453

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.6	17.4	26.2