Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121529.D
Acq On : 8 Sep 2020 18:58
Operator : JU/CG
Sample : L3864-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-090320

Quant Time: Sep 09 02:35:37 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	334552	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1276906	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	664758	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1276843	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1098200	20.00	ng	-0.02
86) Perylene-d12	15.46	264	970949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2007057	100.65	ng	0.01
7) Phenol-d6	6.47	99	2436433	87.43	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1817344	97.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	953630	142.03	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3186084	77.33	ng	-0.01
79) Terphenyl-d14	12.95	244	3557723	68.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.39	77	269	Below Cal	#	51
19) n-Nitroso-di-n-propylamine	7.40	70	241476	15.506	ng	# 78
25) Isophorone	7.40	82	1806619	43.004	ng	# 63
26) 2-Nitrophenol	7.51	139	186	4.778	ng	# 35
32) Benzoic acid	7.90	122	1643	6.854	ng	# 49
48) 2-Nitroaniline	9.20	65	5188	7.034	ng	# 1
51) 2,6-Dinitrotoluene	9.87	165	86662	15.191	ng	# 23
56) 4-Nitrophenol	10.08	139	689	7.927	ng	# 10
57) 2,4-Dinitrotoluene	9.87	165	86662	14.255	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.66	198	1759	6.222	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	54541	3.883	ng	# 1
77) Benzidine	12.95	184	50479	2.108	ng	# 94

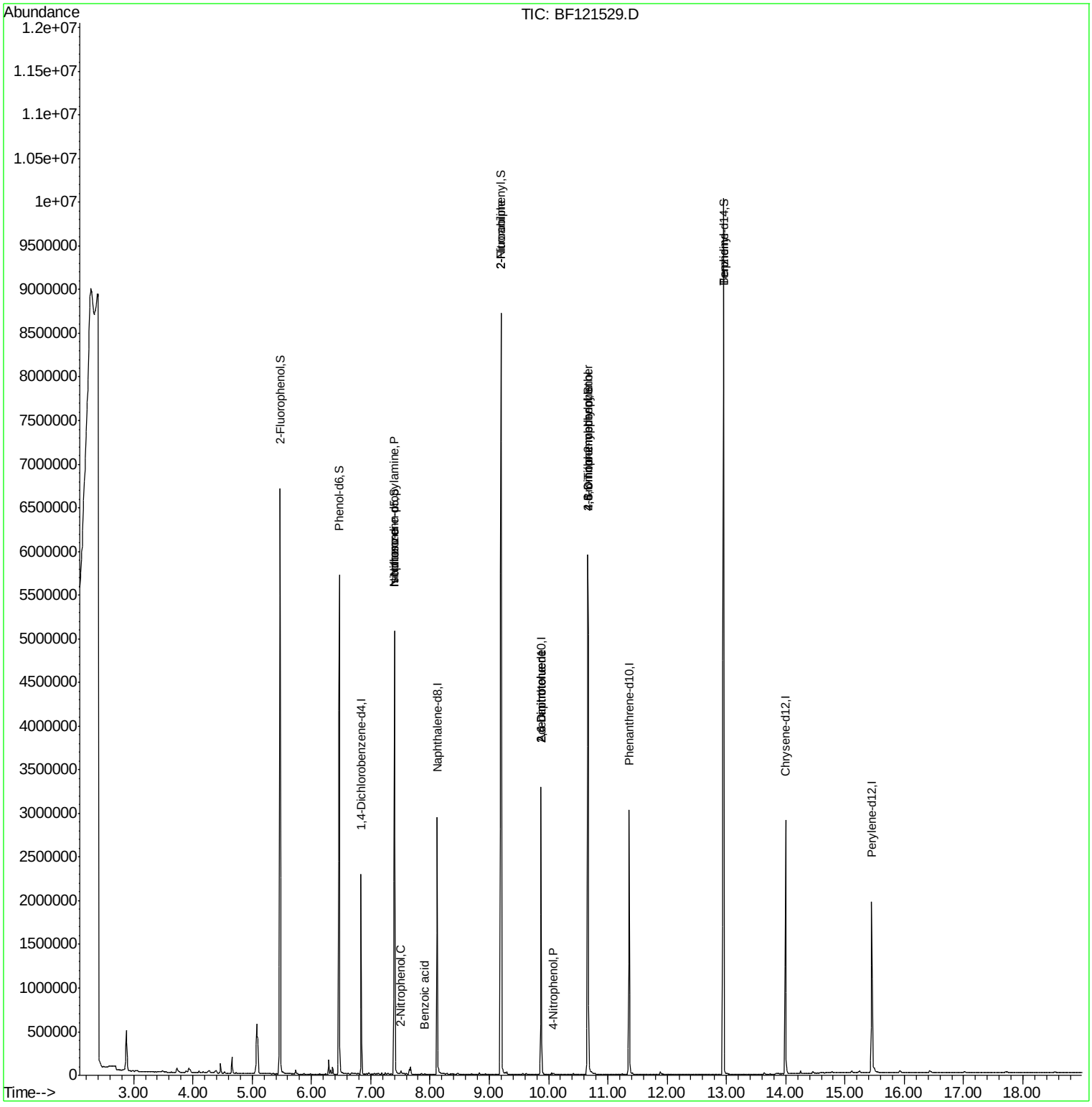
(#) = qualifier out of range (m) = manual integration (+) = signals summed

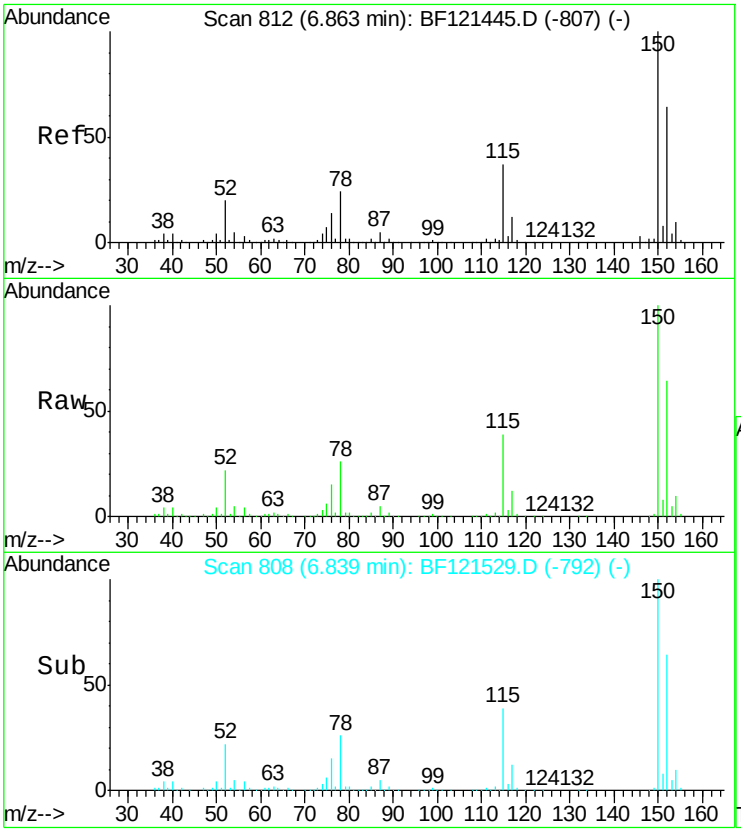
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121529.D
Acq On : 8 Sep 2020 18:58
Operator : JU/CG
Sample : L3864-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Quant Time: Sep 09 02:35:37 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



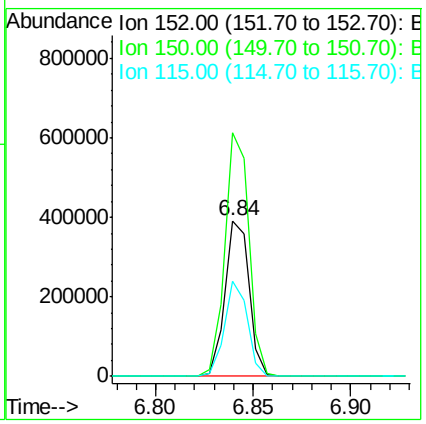


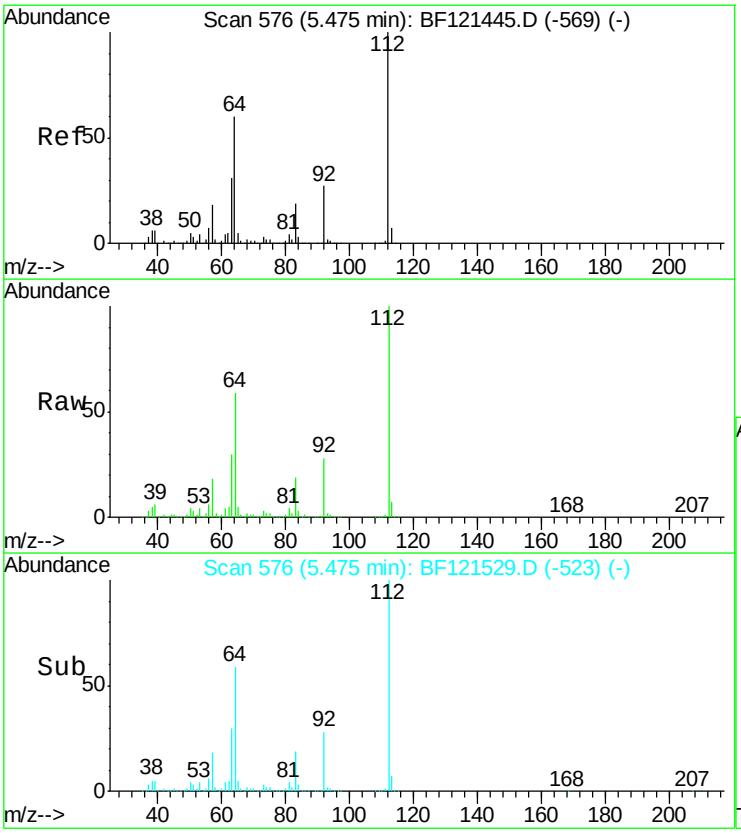
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:152 Resp: 334552

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.1	189.1
115	61.0	48.4	72.6

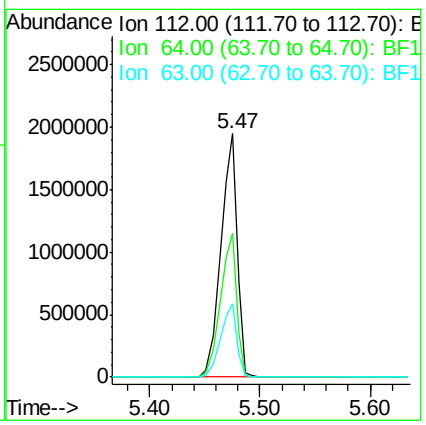


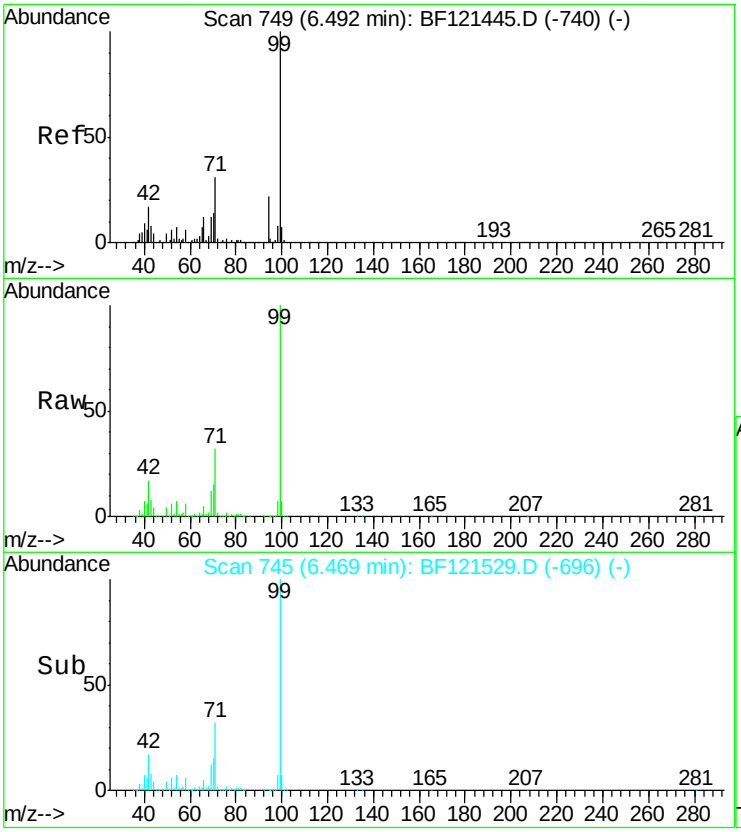


#5
2-Fluorophenol
Concen: 100.652 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:112 Resp: 2007057

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.0	69.0
63	30.1	23.4	35.2



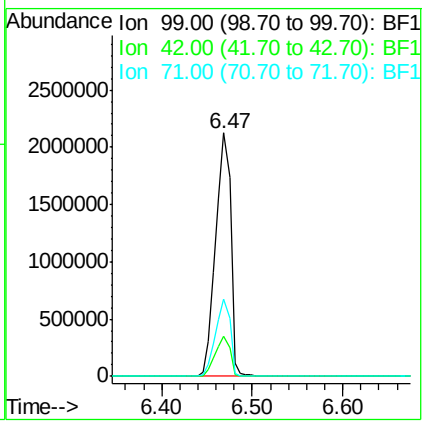


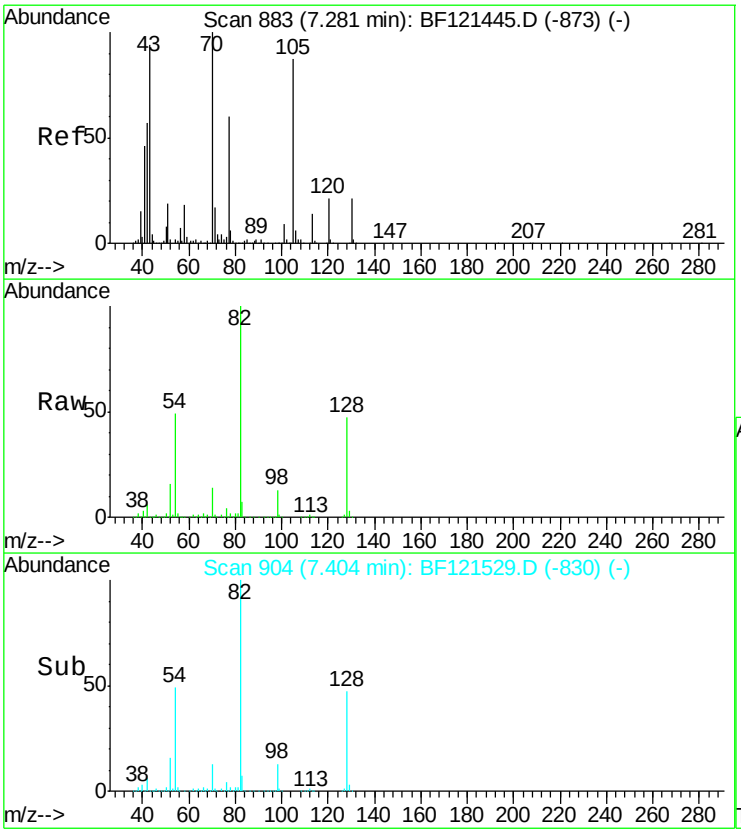
#7
Phenol-d6
Concen: 87.433 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion: 99 Resp: 2436433

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.4
71	31.7	24.8	37.2

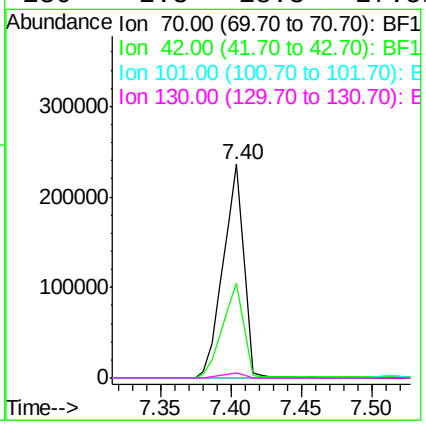


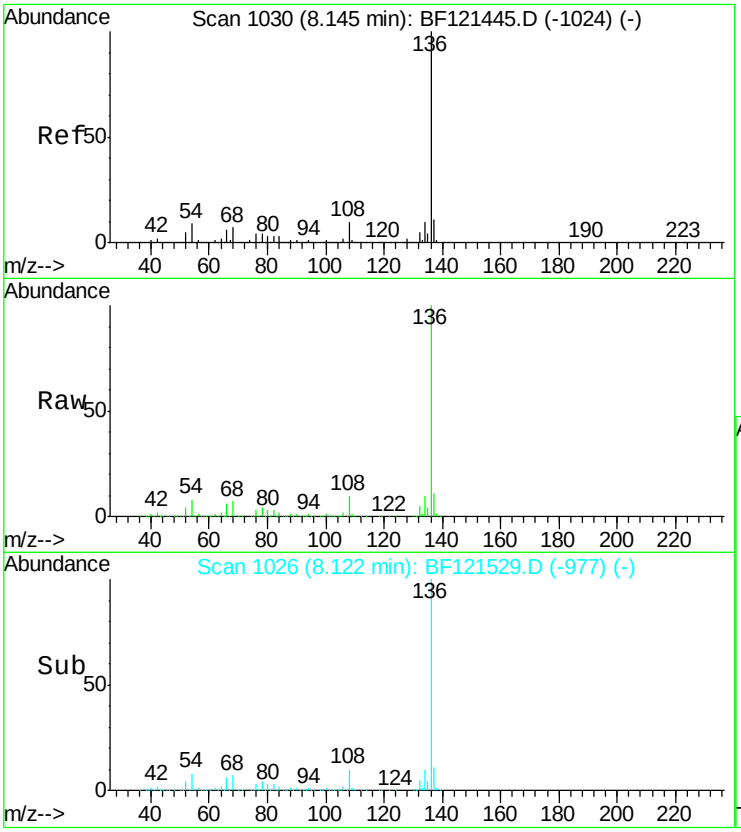


#19
n-Nitroso-di-n-propylamine
Concen: 15.506 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion: 70 Resp: 241476

Ion	Ratio	Lower	Upper
70	100		
42	44.4	42.0	63.0
101	0.0	8.1	12.1#
130	2.3	18.3	27.5#



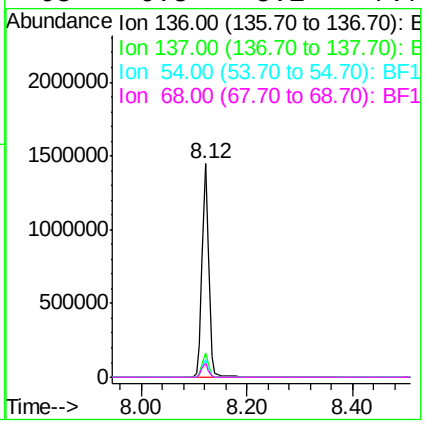


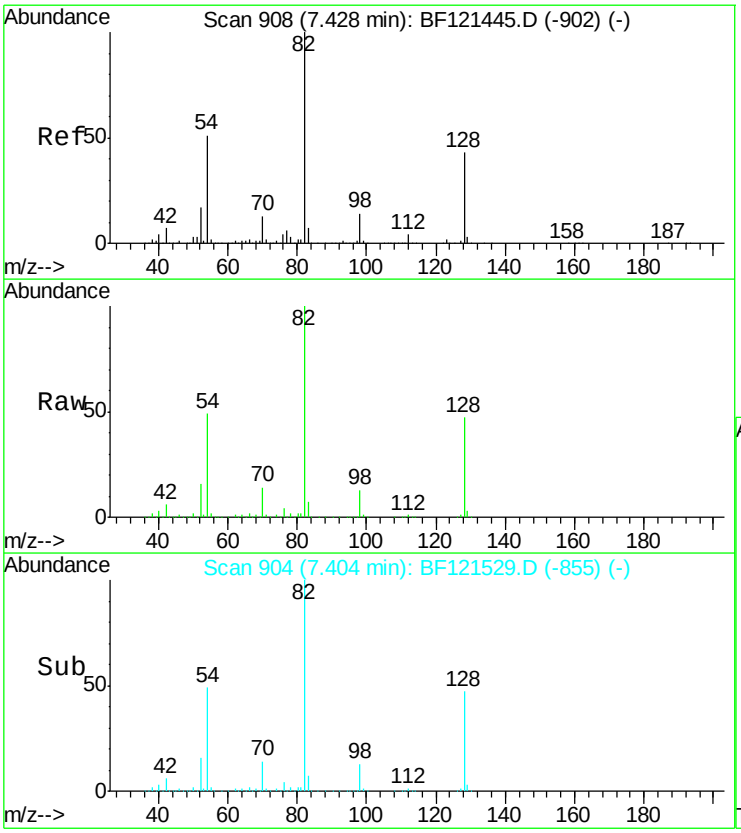
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:136 Resp: 1276906

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	6.2	9.4
68	6.8	5.1	7.7

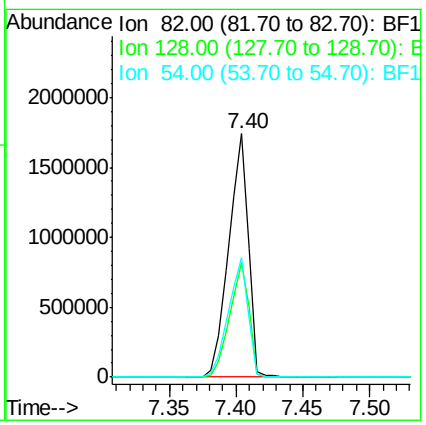


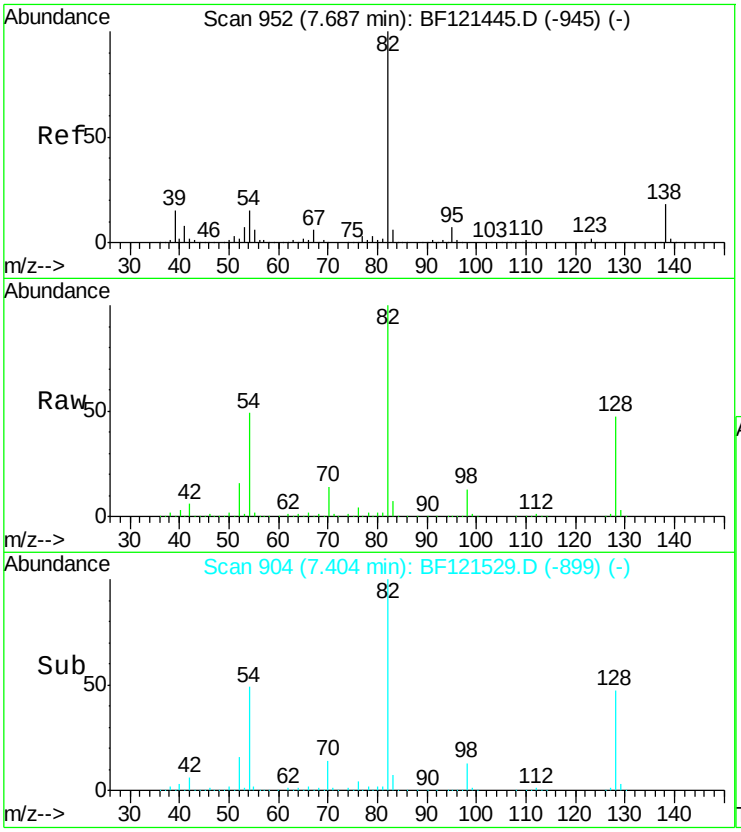


#23
Nitrobenzene-d5
Concen: 97.301 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion: 82 Resp: 1817344

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.3	55.9
54	49.0	39.0	58.6



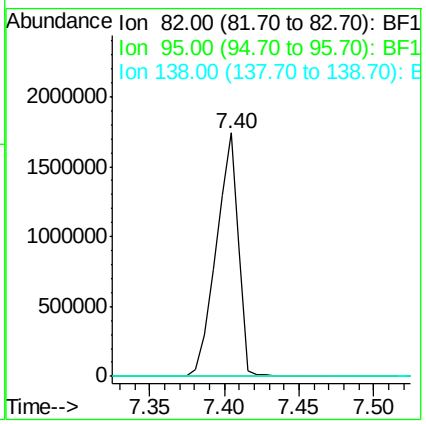


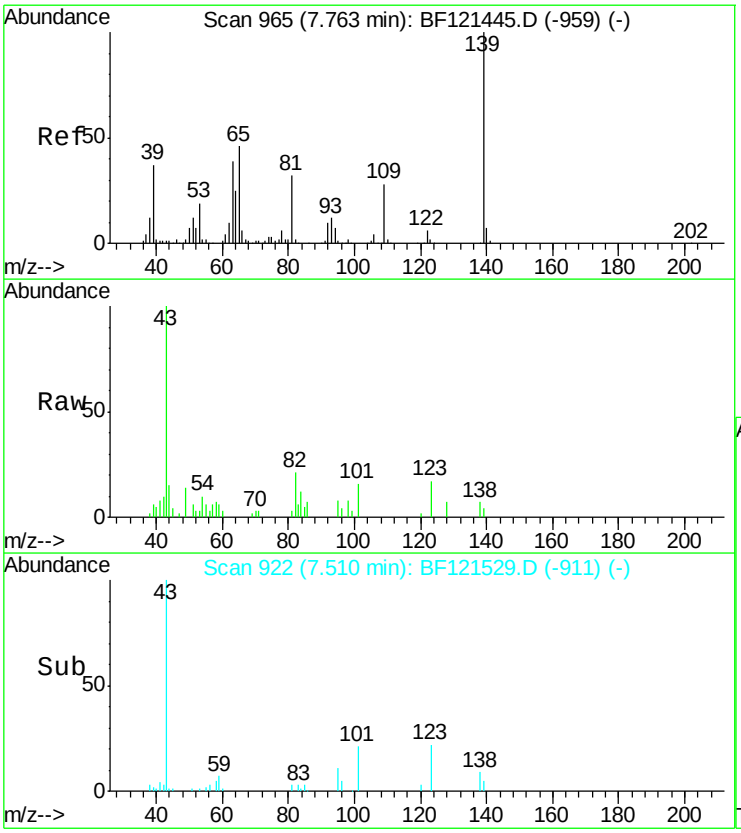
#25
Isophorone
Concen: 43.004 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion: 82 Resp: 1806619

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

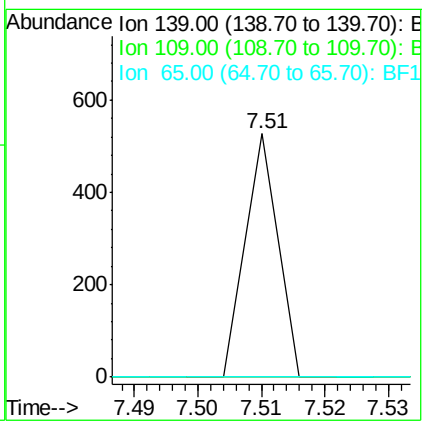


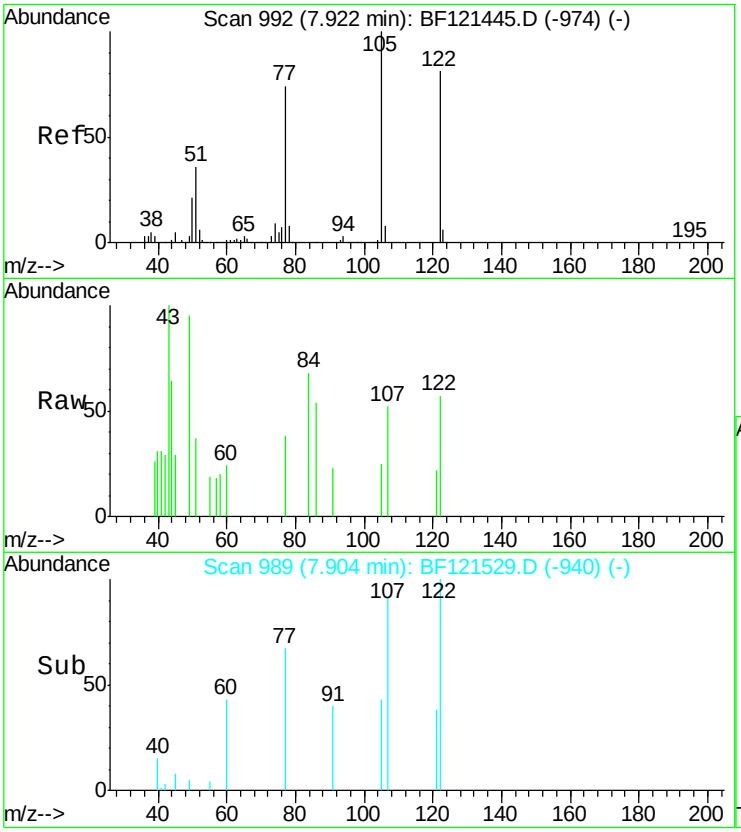


#26
2-Nitrophenol
Concen: 4.778 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.24 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:139 Resp: 186

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.0	33.0#
65	0.0	39.3	58.9#



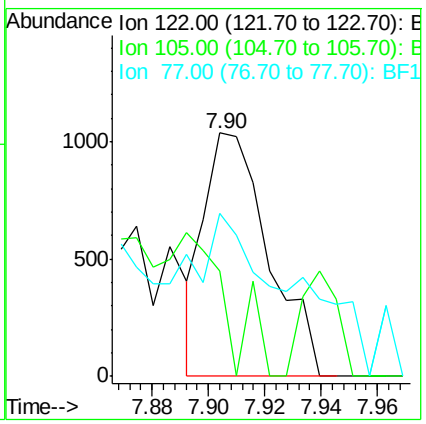


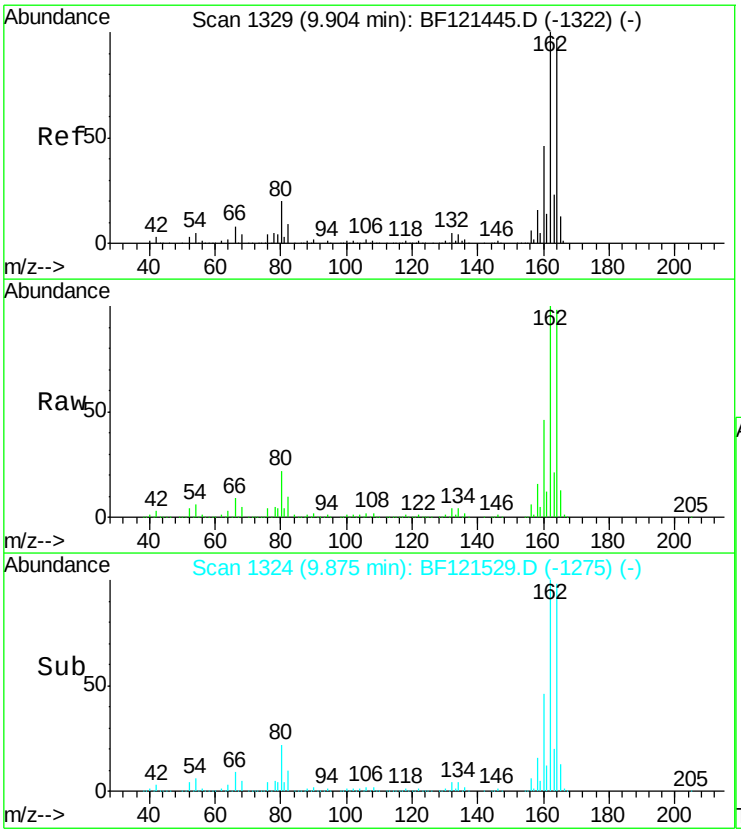
#32
Benzoic acid
Concen: 6.854 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:122 Resp: 1643

Ion	Ratio	Lower	Upper
122	100		
105	43.4	102.2	142.2#
77	66.8	69.8	109.8#

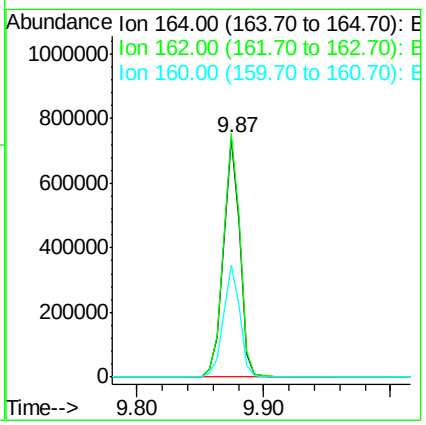


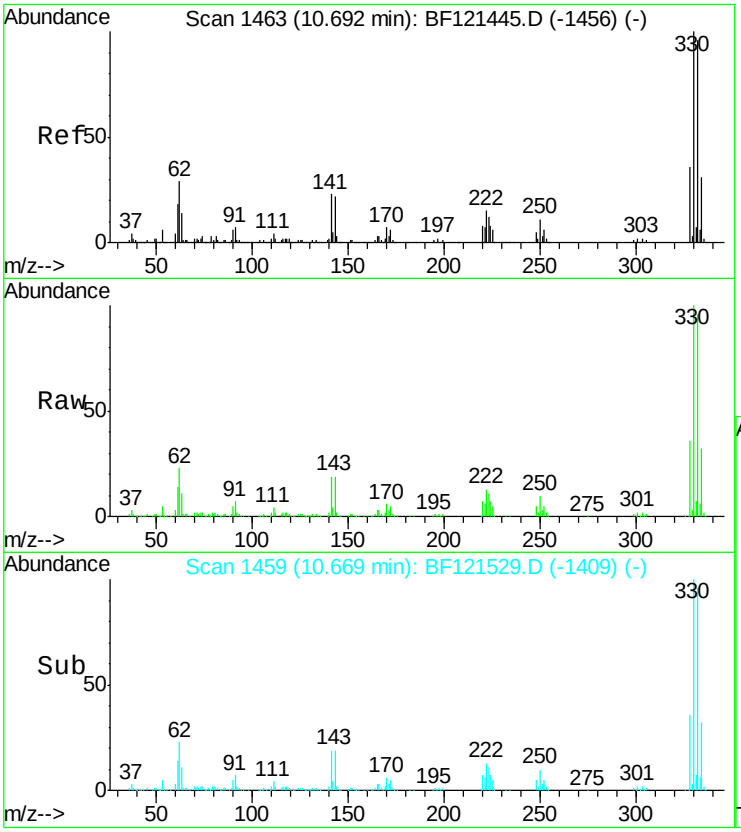


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:164 Resp: 664758

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.5	120.7
160	46.7	36.2	54.4



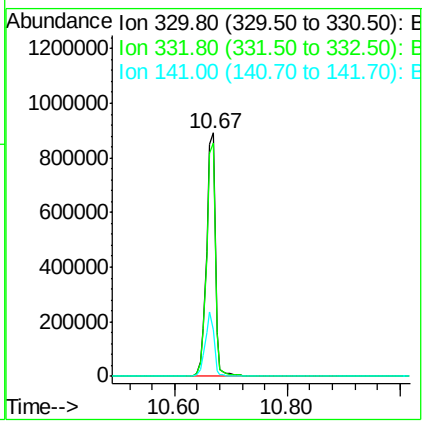


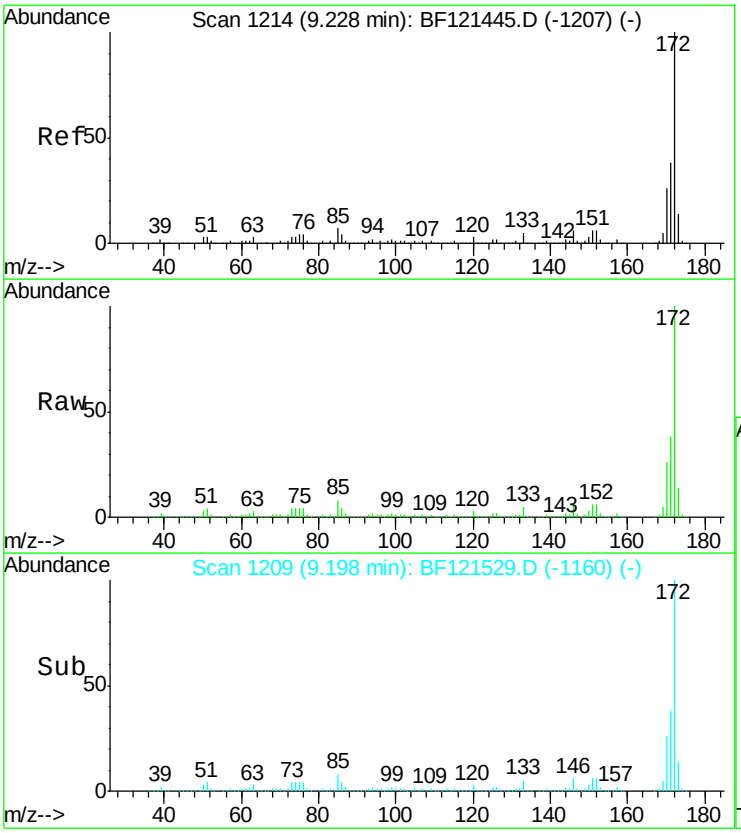
#42
2,4,6-Tribromophenol
Concen: 142.028 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:330 Resp: 953630

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.2
141	26.7	22.6	34.0

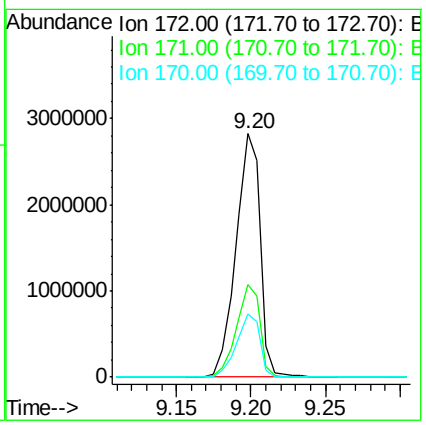


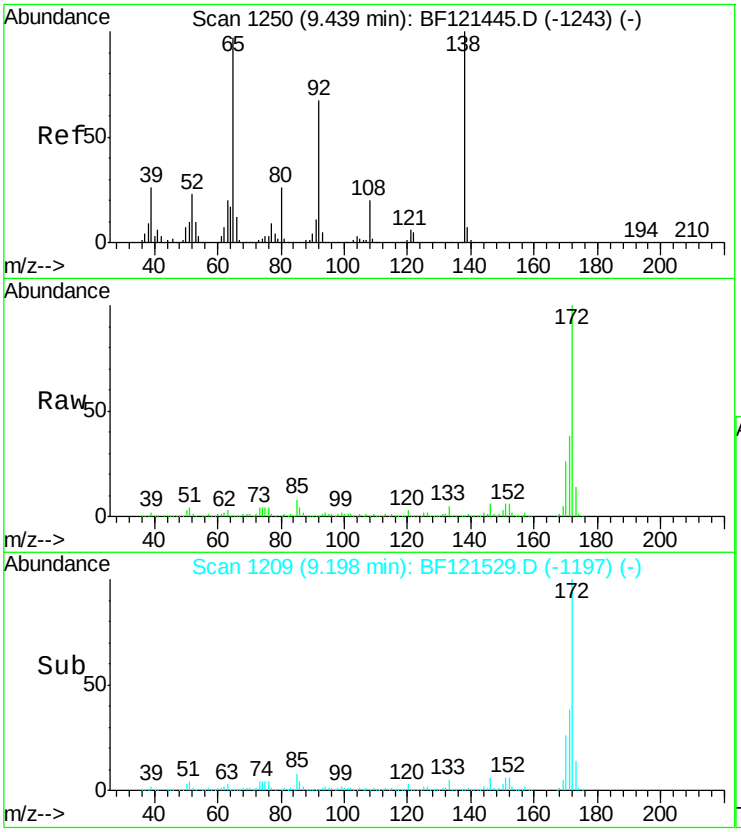


#45
2-Fluorobiphenyl
Concen: 77.334 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:172 Resp: 3186084

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.4	45.6
170	25.9	20.7	31.1



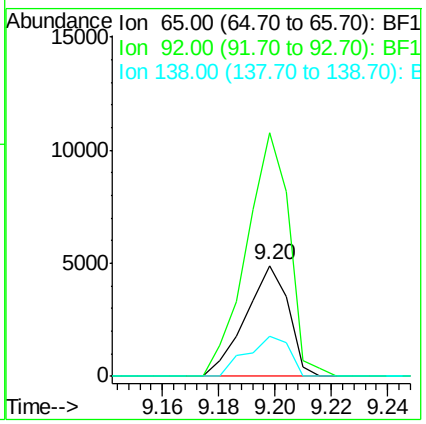


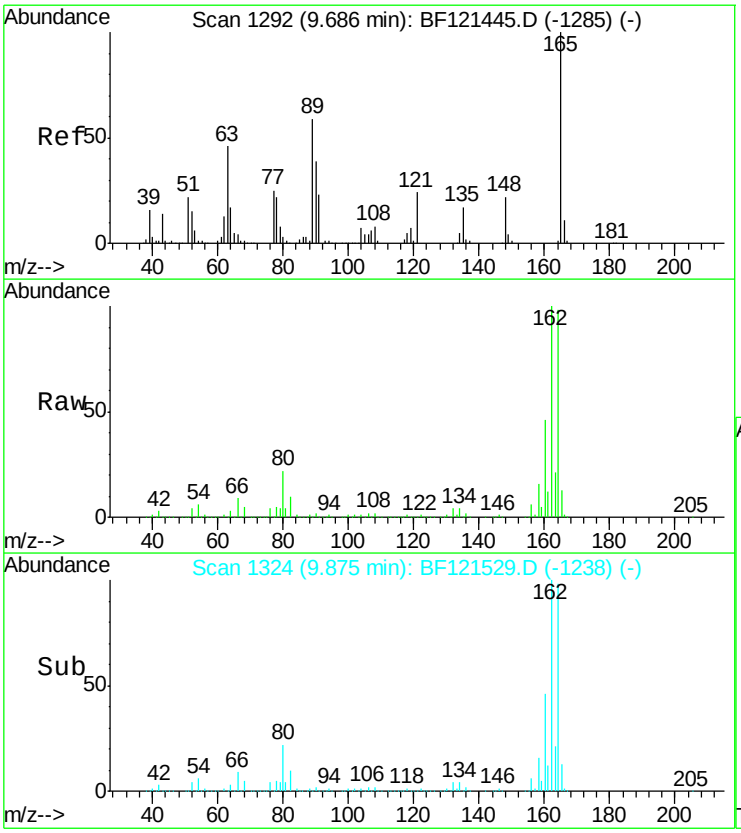
#48
2-Nitroaniline
Concen: 7.034 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.23 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion: 65 Resp: 5188

Ion	Ratio	Lower	Upper
65	100		
92	220.4	58.6	87.8#
138	36.4	88.6	133.0#

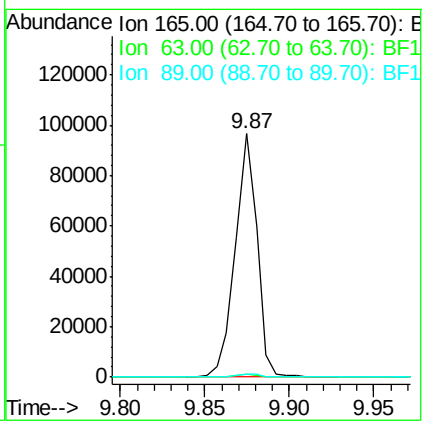


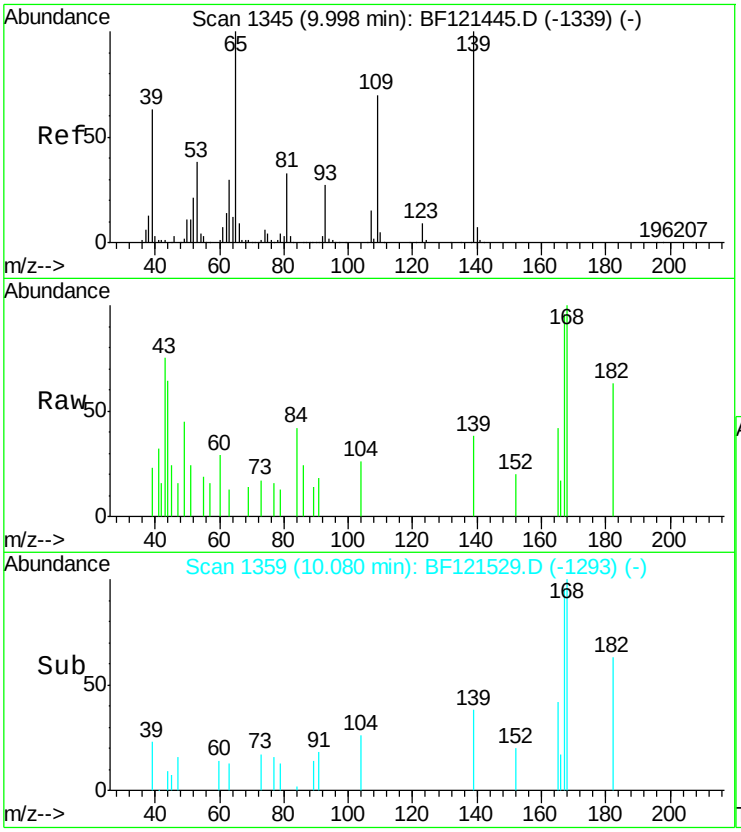


#51
2,6-Dinitrotoluene
Concen: 15.191 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:165 Resp: 86662

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.4	71.0#
89	1.3	47.9	71.9#



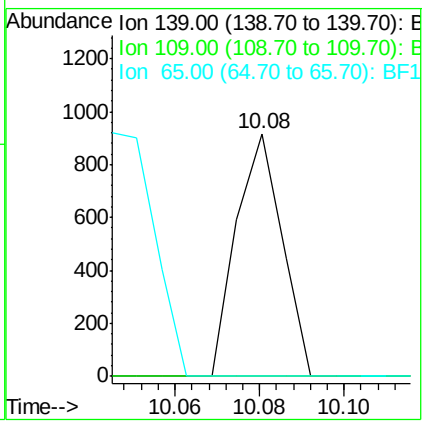


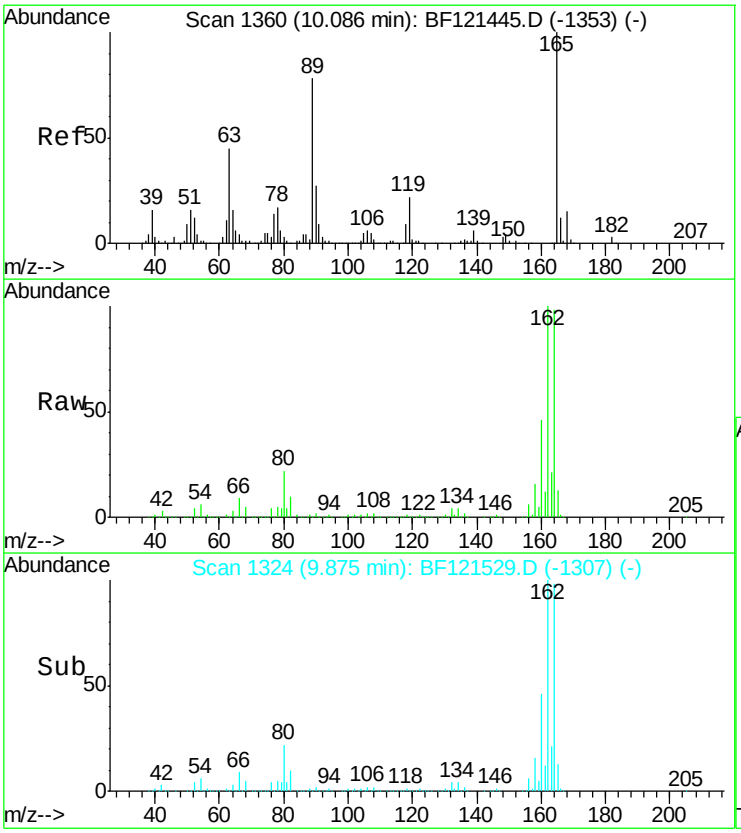
#56
4-Nitrophenol
Concen: 7.927 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:139 Resp: 689

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

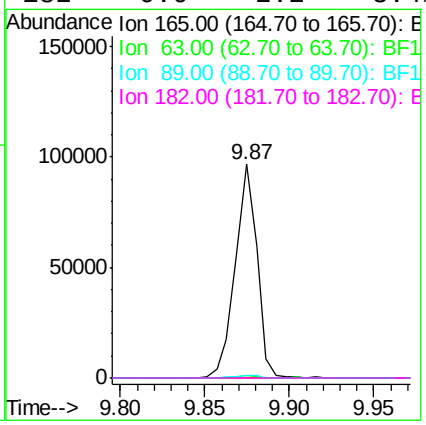


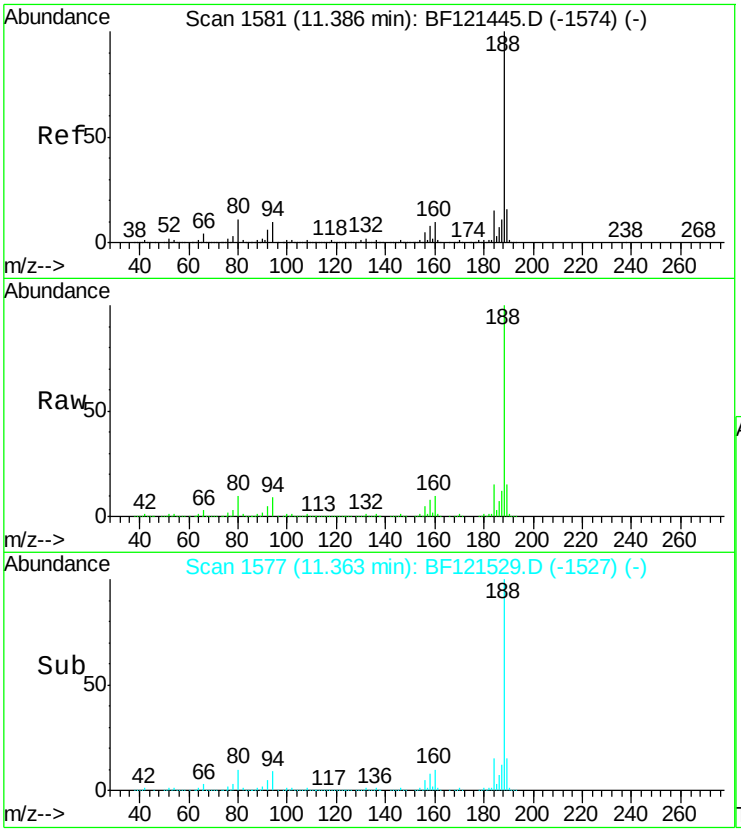


#57
2,4-Dinitrotoluene
Concen: 14.255 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.20 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:165 Resp: 86662

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.6	50.4#
89	1.3	56.4	84.6#
182	0.0	2.2	3.4#



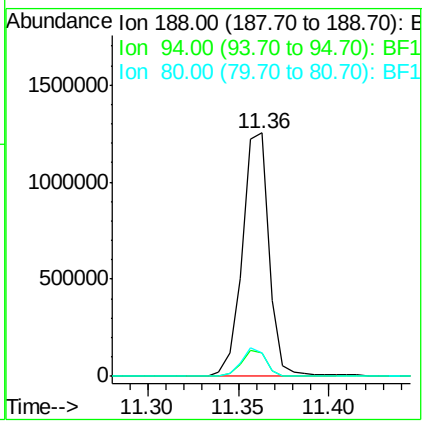


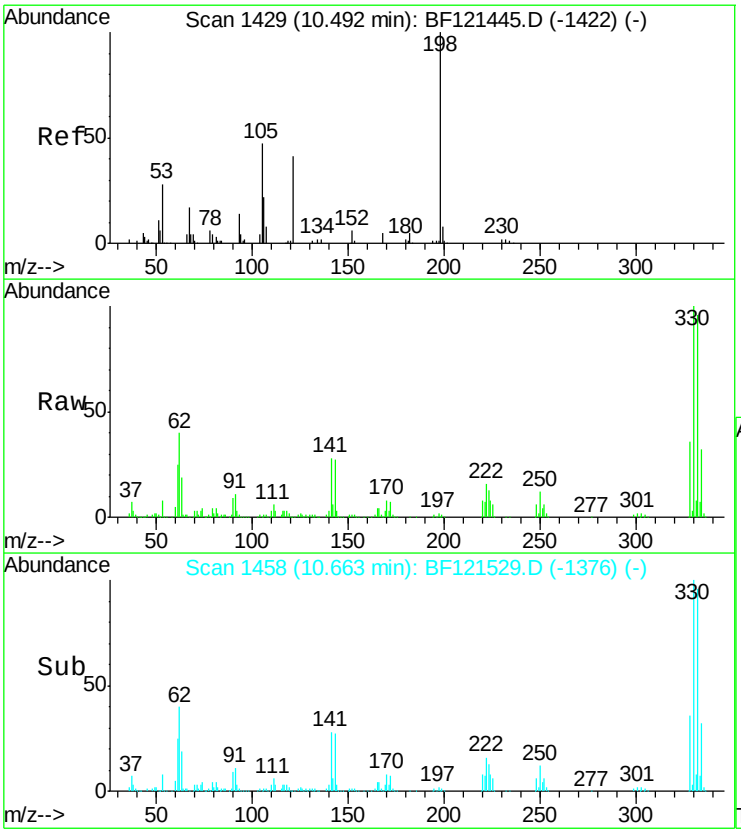
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:188 Resp: 1276843

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.8	13.2
80	9.7	9.1	13.7

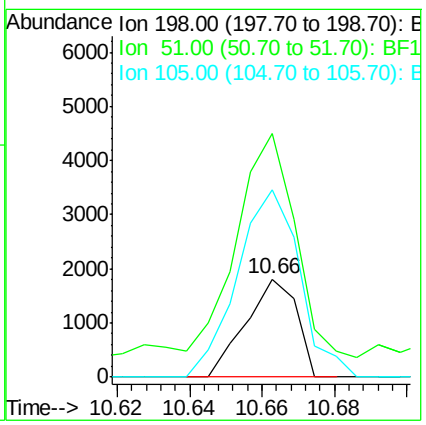


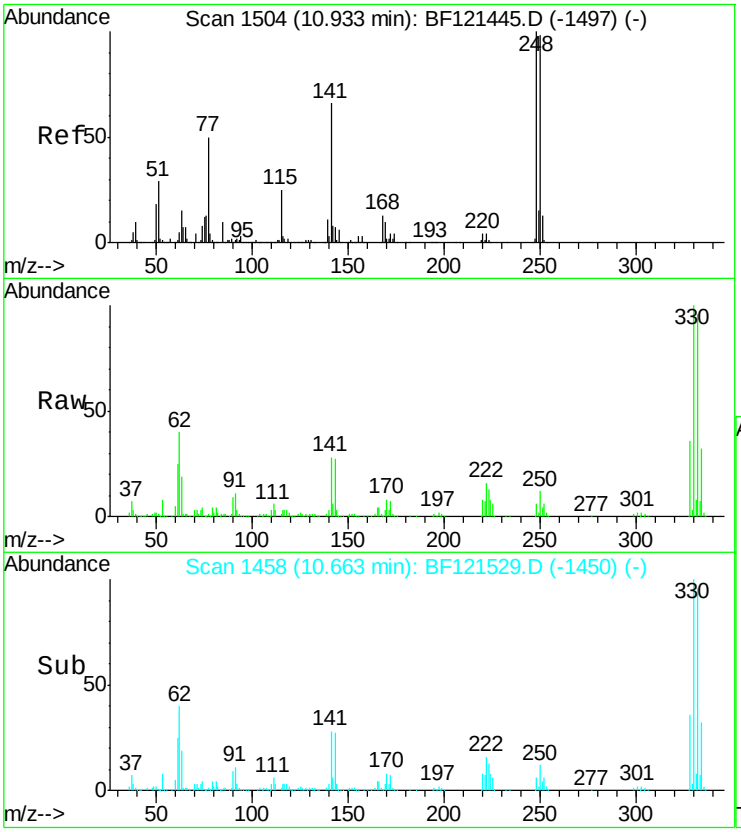


#65
4,6-Dinitro-2-methylphenol
Concen: 6.222 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.18 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:198 Resp: 1759

Ion	Ratio	Lower	Upper
198	100		
51	247.8	24.9	64.9#
105	190.9	25.8	65.8#



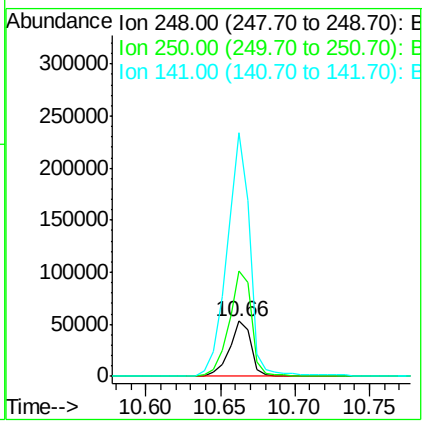


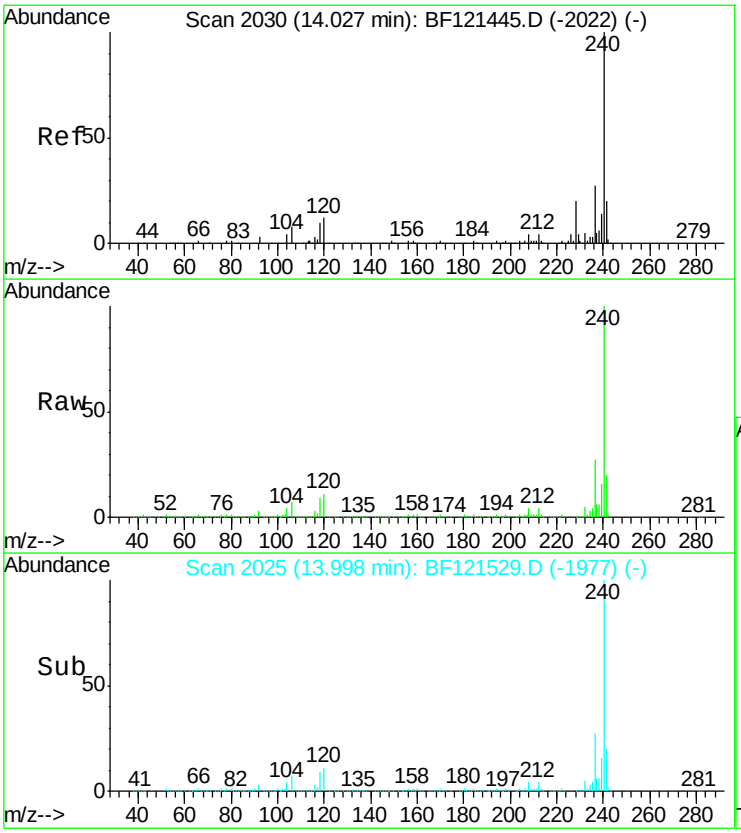
#67
4-Bromophenyl-phenylether
Concen: 3.883 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:248 Resp: 54541

Ion	Ratio	Lower	Upper
248	100		
250	192.0	77.8	116.6#
141	441.5	56.4	84.6#

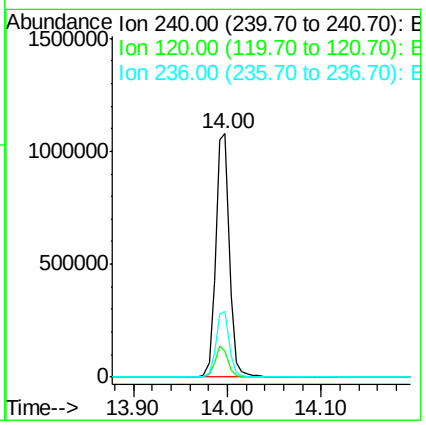


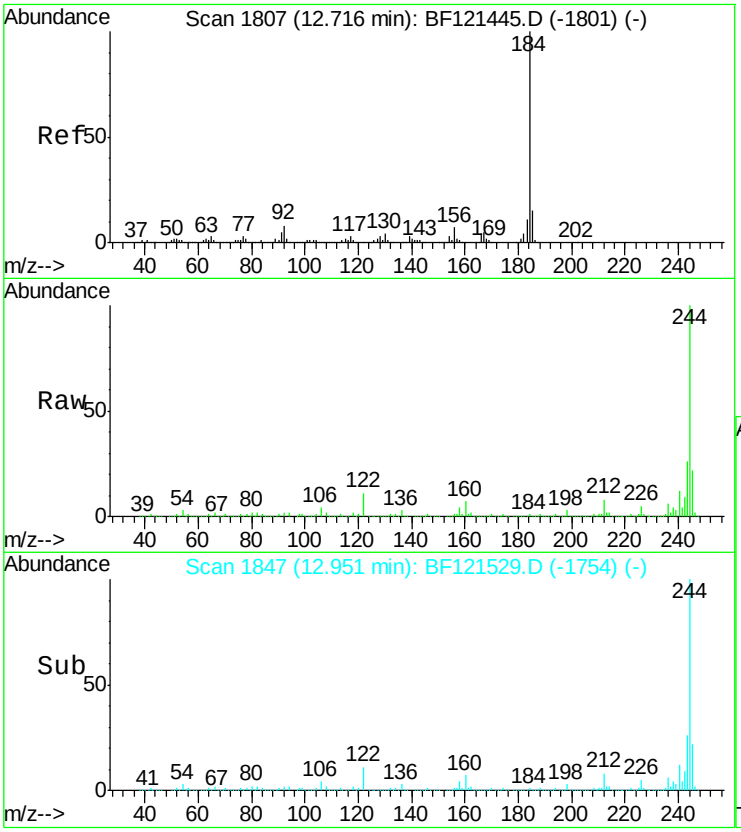


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:240 Resp: 1098200

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.0	12.0
236	26.8	21.4	32.2



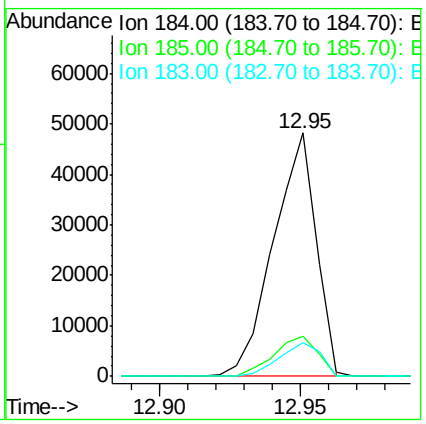


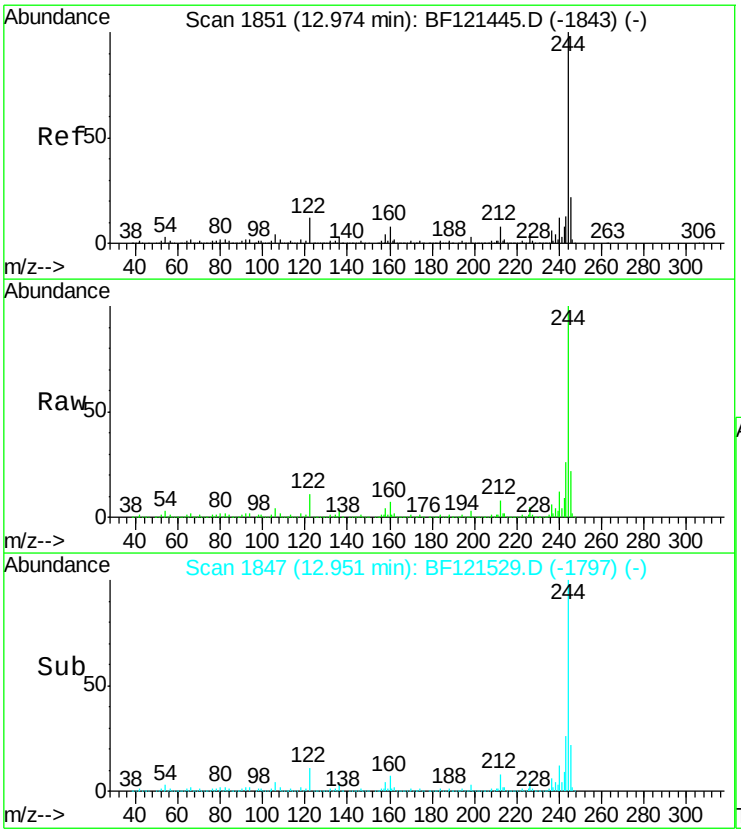
#77
Benzidine
Concen: 2.108 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.25 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:184 Resp: 50479

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.5	17.3
183	14.0	9.0	13.6#

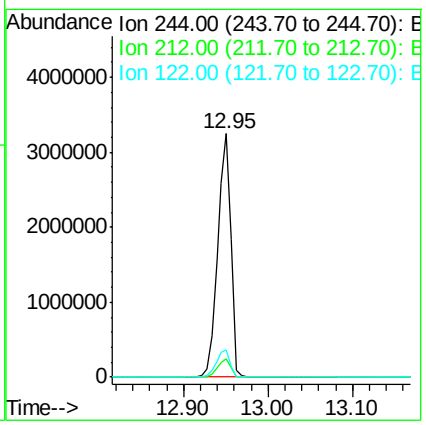


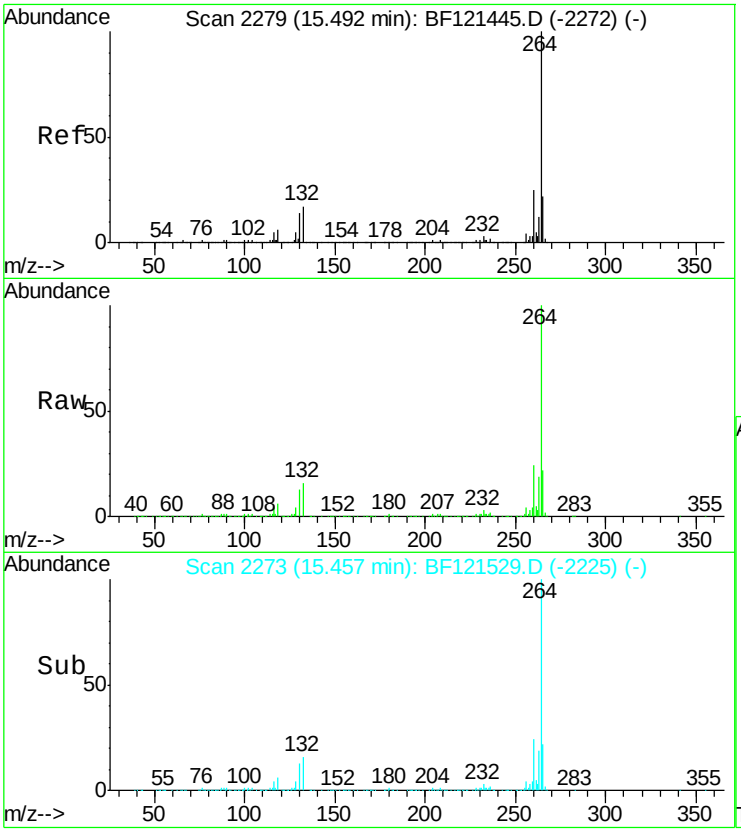


#79
Terphenyl-d14
Concen: 68.192 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF121529.D
Acq: 8 Sep 2020 18:58

Tgt Ion:244 Resp: 3557723

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.1	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: BF121529.D
Acq: 8 Sep 2020 18:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090320

Tgt Ion:264 Resp: 970949

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.7	17.4	26.2