Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121464.D
Acq On : 28 Aug 2020 17:27
Operator : JU/CG
Sample : L3837-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP12-0002-01

Quant Time: Aug 28 18:28:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	300113	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1166539	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	612375	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1163424	20.00	ng	0.00
76) Chrysene-d12	14.02	240	844388	20.00	ng	0.00
86) Perylene-d12	15.49	264	724017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1452979	81.23	ng	0.00
7) Phenol-d6	6.48	99	1908287	76.34	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1209337	70.87	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	559550	90.46	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2247354	59.21	ng	0.00
79) Terphenyl-d14	12.97	244	2312276	57.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	195	Below Cal	#	80
19) n-Nitroso-di-n-propylamine	7.42	70	161381	11.552	ng	# 78
25) Isophorone	7.42	82	1206974	31.449	ng	# 64
32) Benzoic acid	8.15	122	109	6.673	ng	# 1
48) 2-Nitroaniline	9.33	65	471	6.686	ng	# 5
50) Dimethylphthalate	9.61	163	202529	4.815	ng	98
51) 2,6-Dinitrotoluene	9.90	165	80509	15.265	ng	# 24
56) 4-Nitrophenol	10.10	139	503	7.912	ng	# 6
57) 2,4-Dinitrotoluene	9.90	165	80509	14.314	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.68	198	1210	6.018	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	32203	2.516	ng	# 1

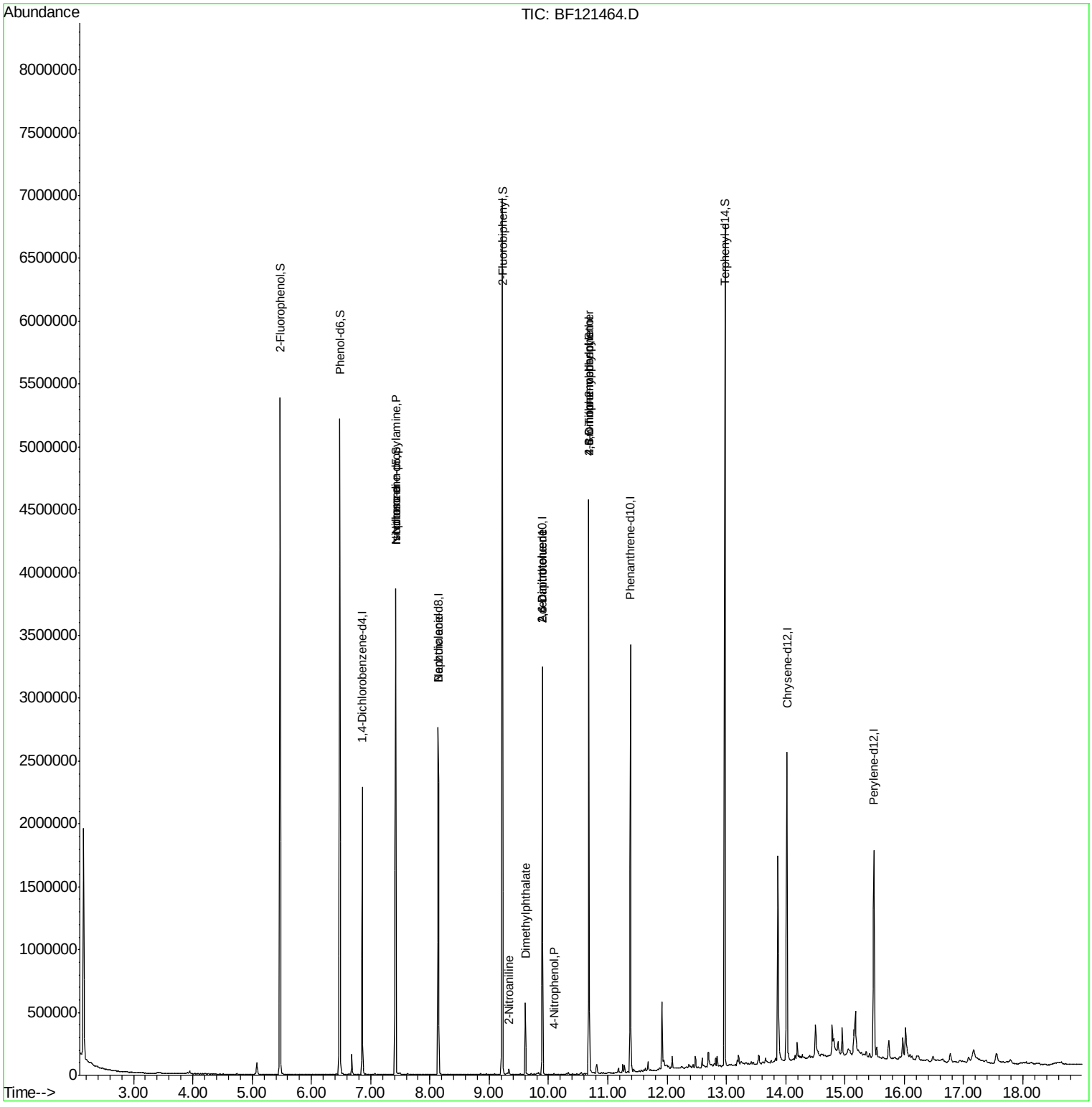
(#) = qualifier out of range (m) = manual integration (+) = signals summed

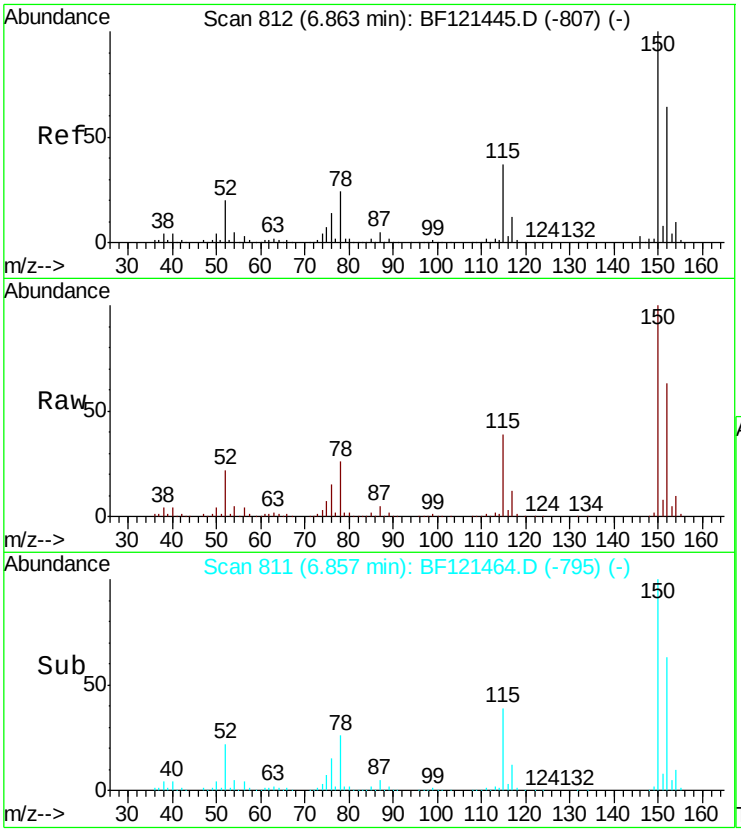
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121464.D
Acq On : 28 Aug 2020 17:27
Operator : JU/CG
Sample : L3837-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 789UMR-TP12-0002-01

Quant Time: Aug 28 18:28:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration



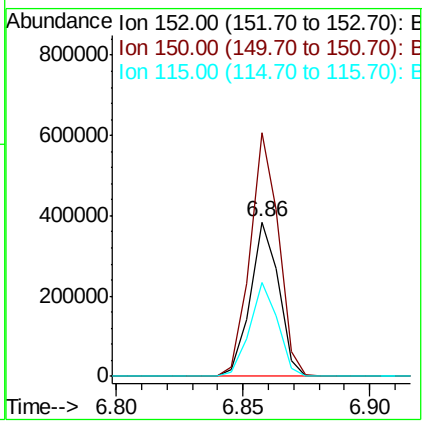


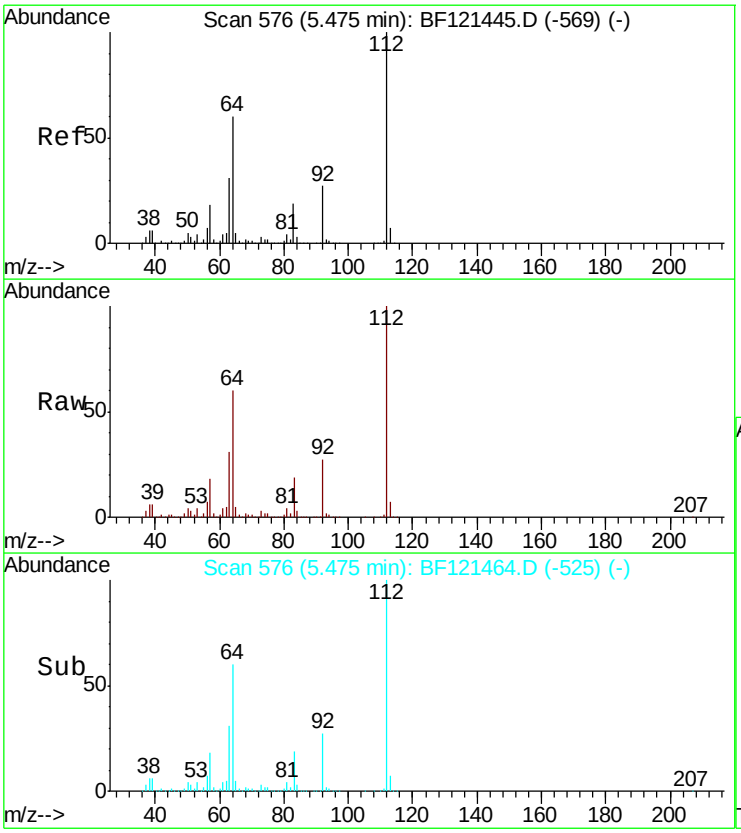
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:152 Resp: 300113

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.8	188.6
115	61.2	46.6	69.8

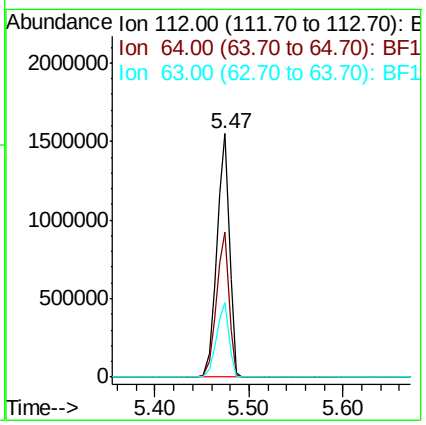


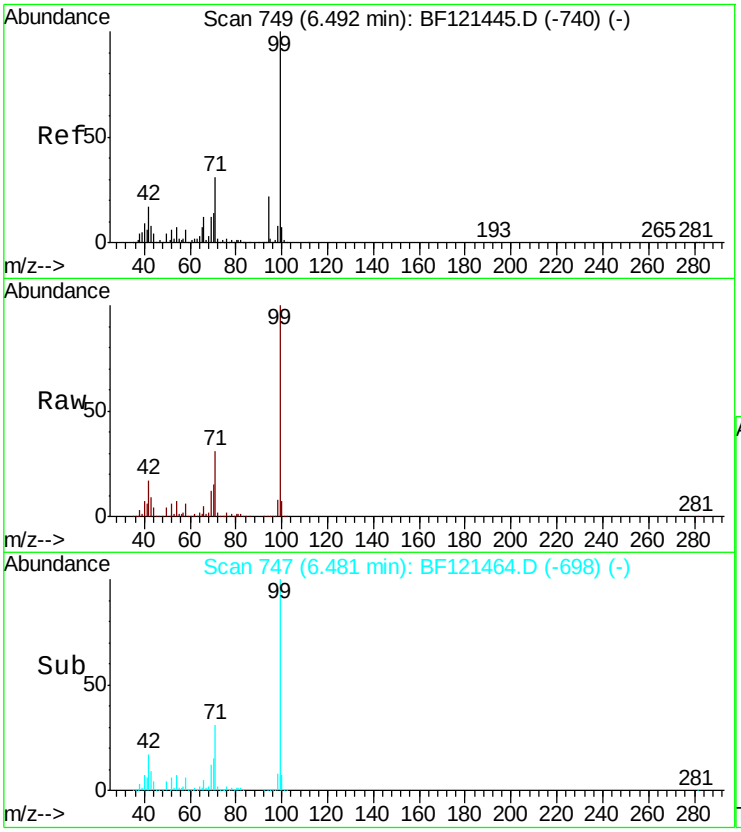


#5
2-Fluorophenol
Concen: 81.227 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion:112 Resp: 1452979

Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.2	72.2
63	30.8	24.8	37.2



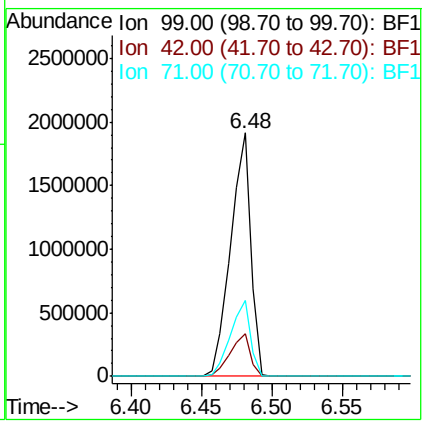


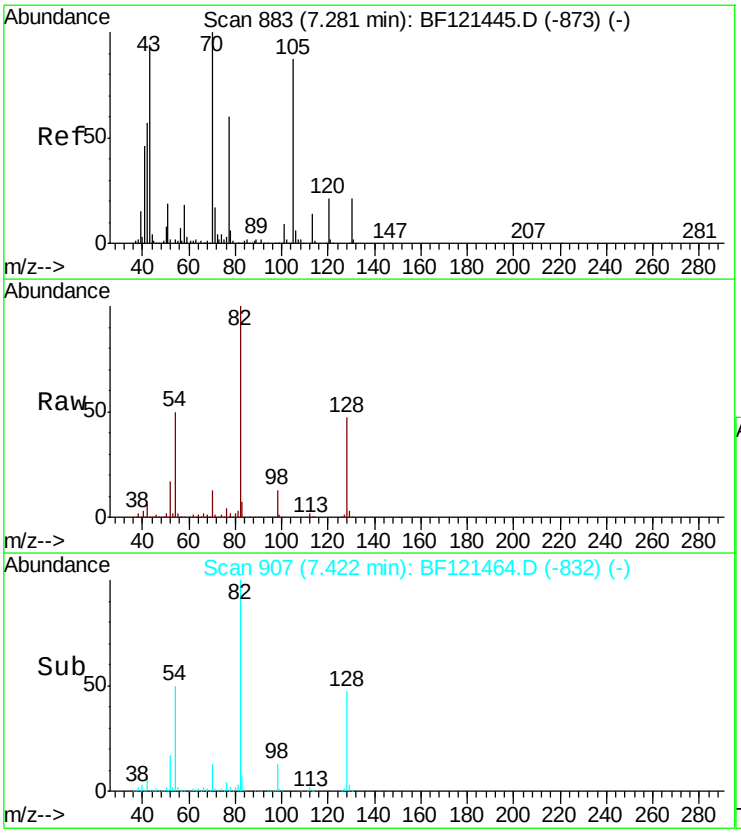
#7
Phenol-d6
Concen: 76.338 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion: 99 Resp: 1908287

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	31.2	24.6	37.0

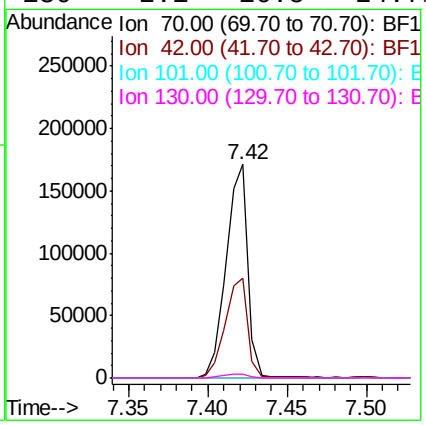


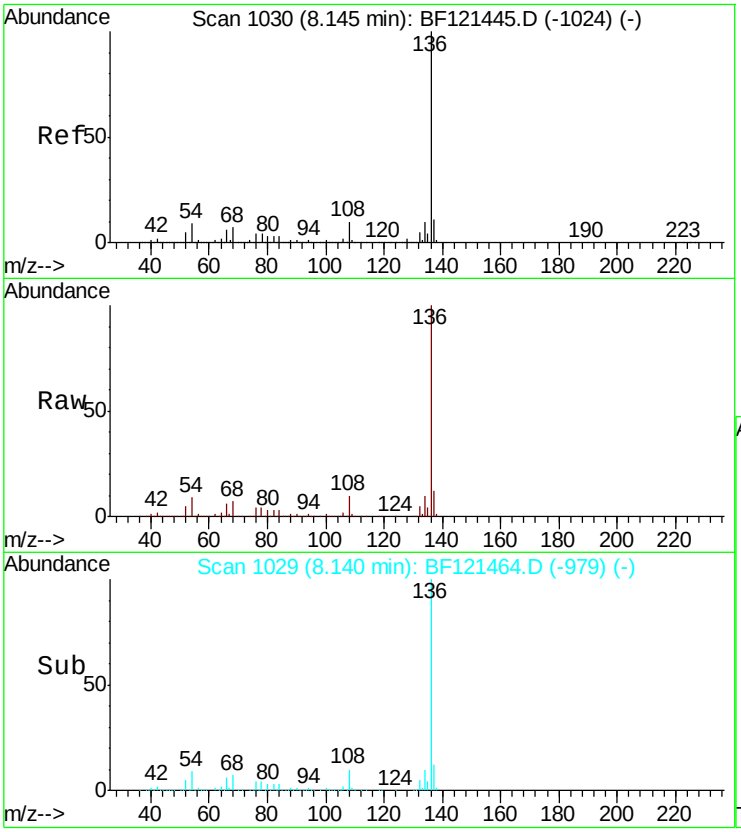


#19
n-Nitroso-di-n-propylamine
Concen: 11.552 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion: 70 Resp: 161381

Ion	Ratio	Lower	Upper
70	100		
42	46.5	45.8	68.6
101	0.0	7.5	11.3#
130	2.1	16.5	24.7#



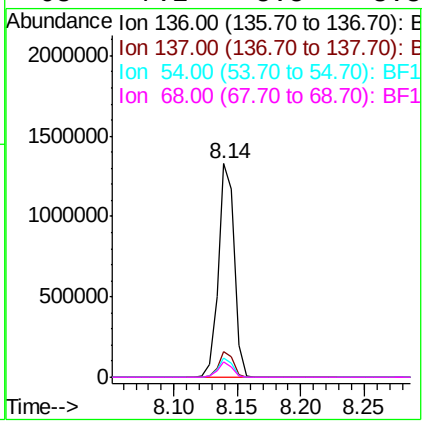


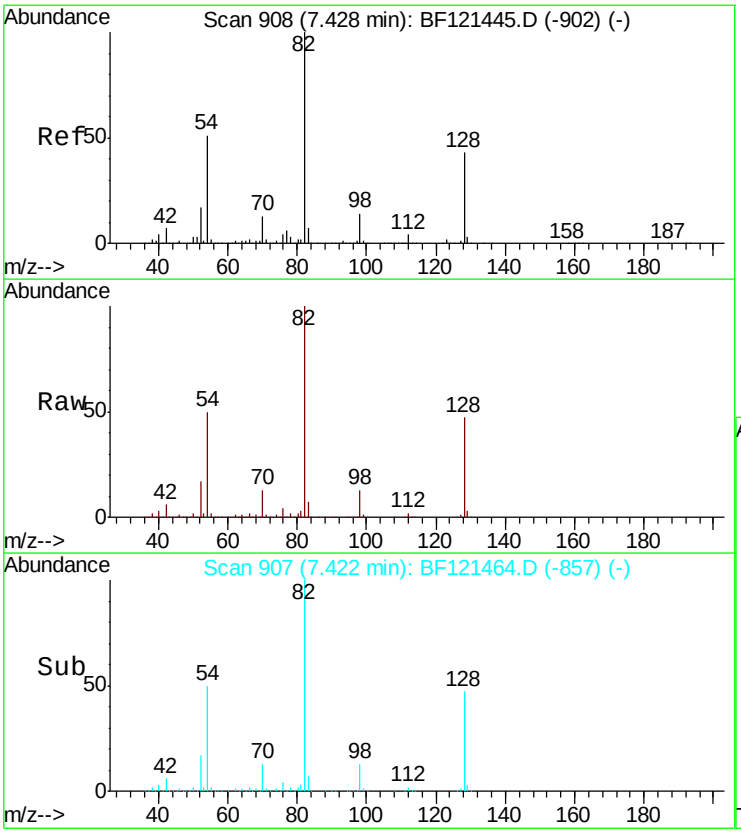
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:136 Resp: 1166539

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	9.0	7.0	10.4
68	7.2	5.5	8.3

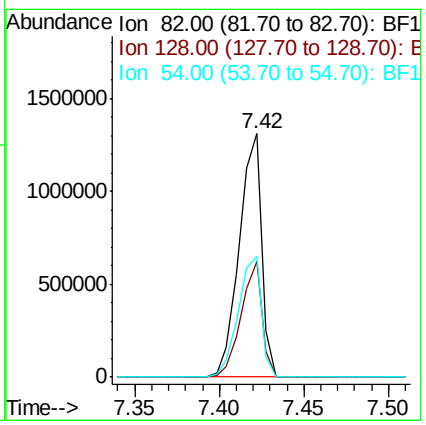


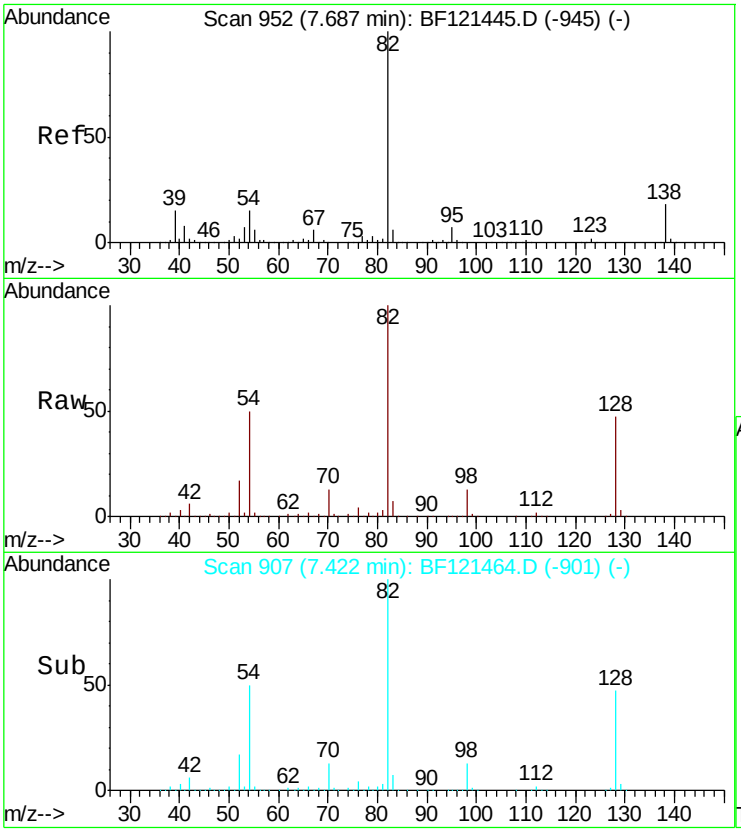


#23
Nitrobenzene-d5
Concen: 70.874 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion: 82 Resp: 1209337

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.1	51.1
54	49.6	41.0	61.6



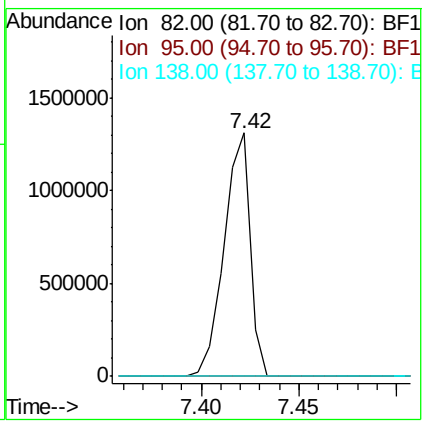


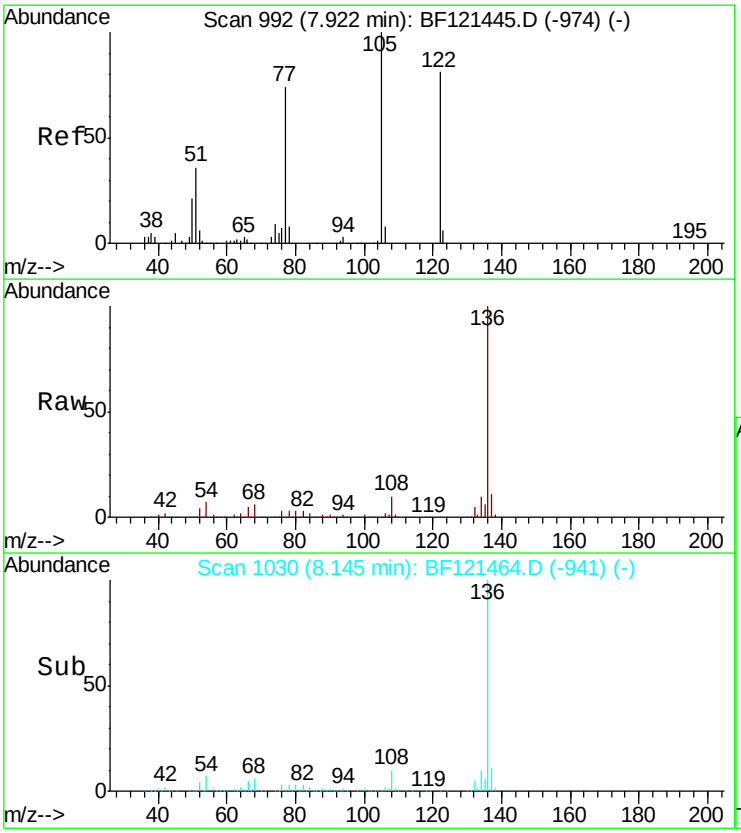
#25
Isophorone
Concen: 31.449 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion: 82 Resp: 1206974

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

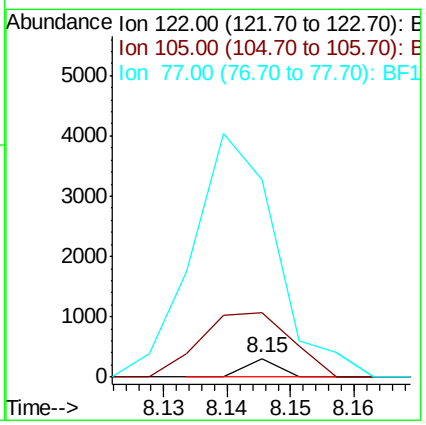


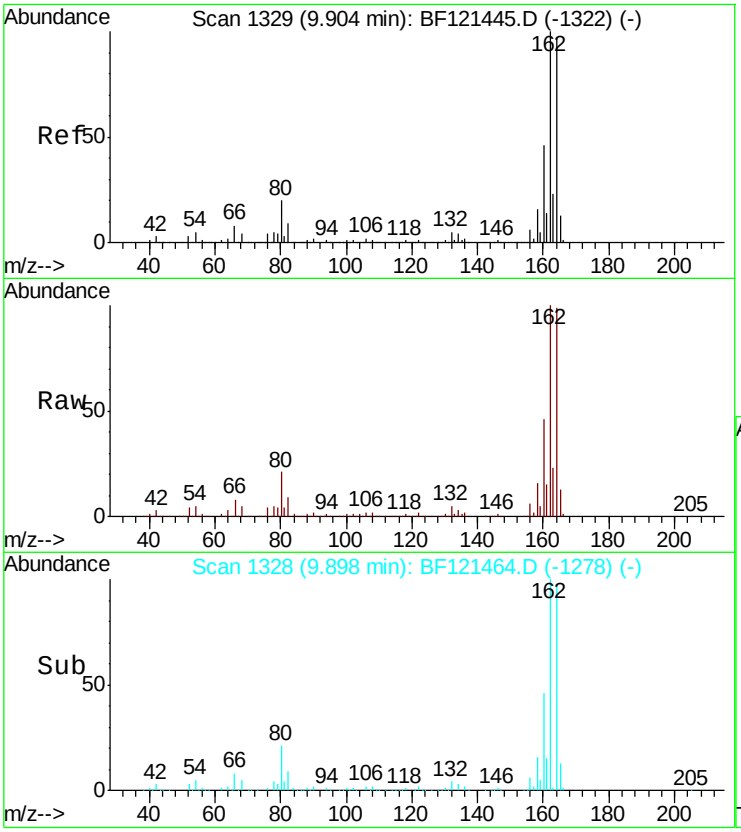


#32
Benzoic acid
Concen: 6.673 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.22 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	345.0	100.8	140.8#
77	1059.5	71.5	111.5#



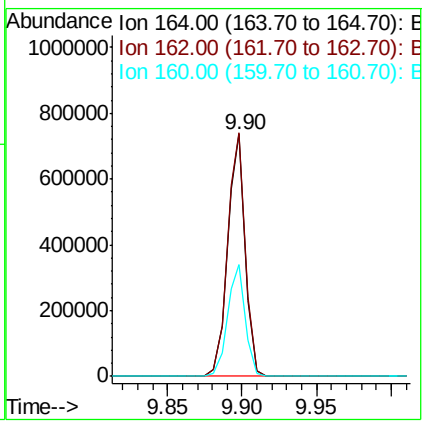


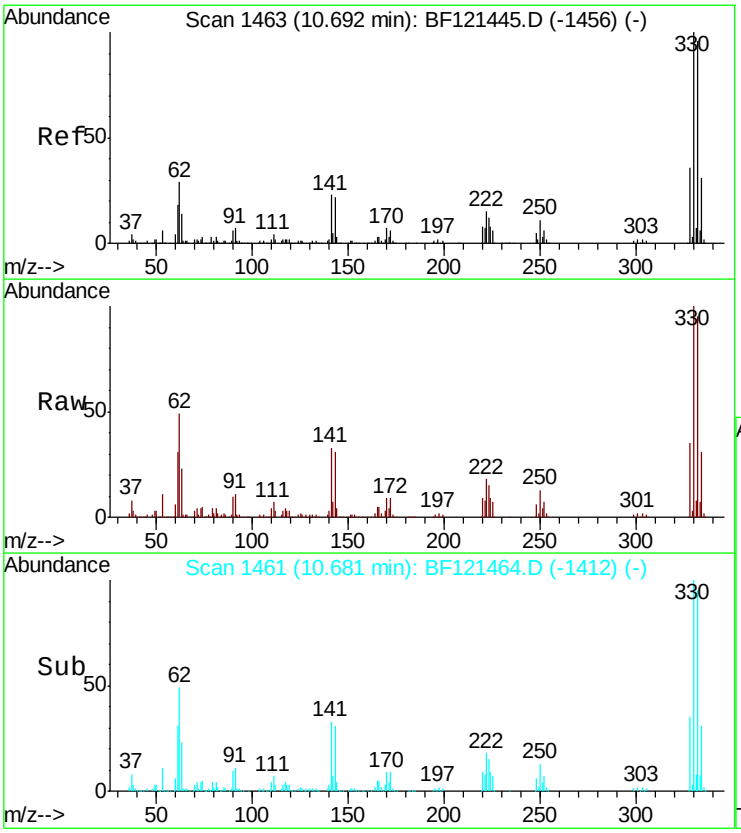
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:164 Resp: 612375

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.4	123.6
160	46.1	37.6	56.4

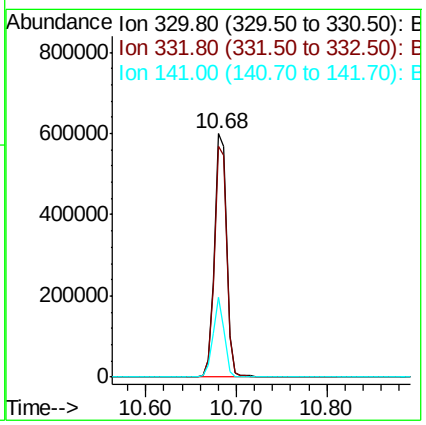


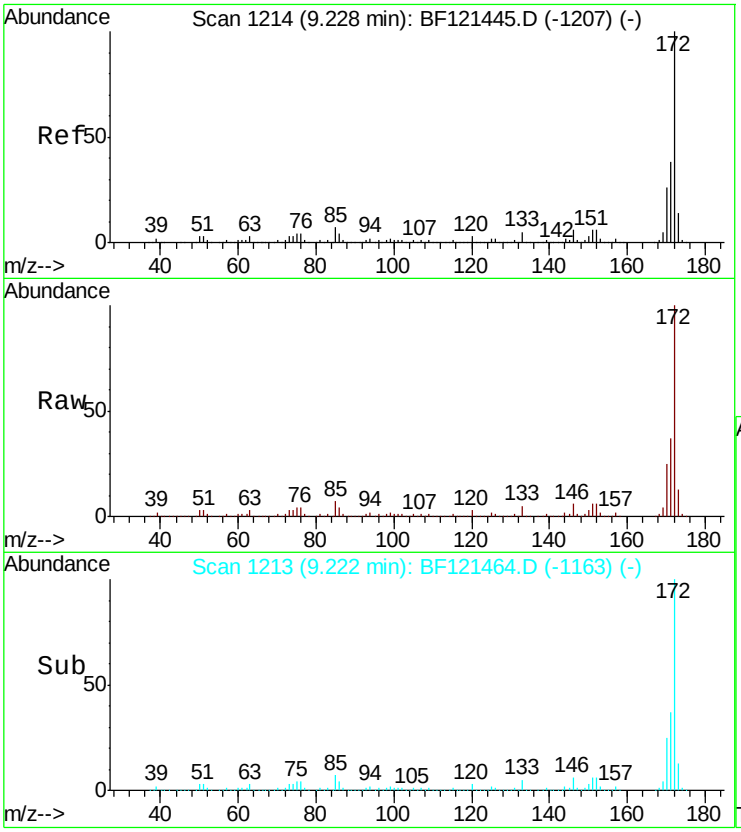


#42
2,4,6-Tribromophenol
Concen: 90.464 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion:330 Resp: 559550

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.2
141	30.5	24.6	36.8



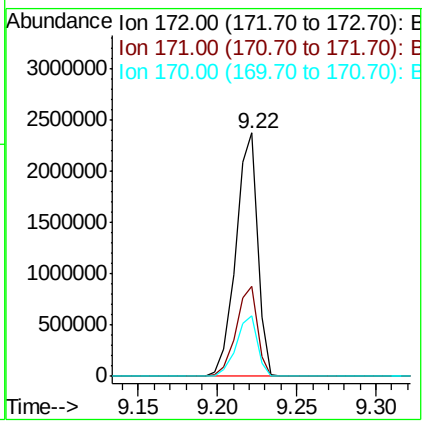


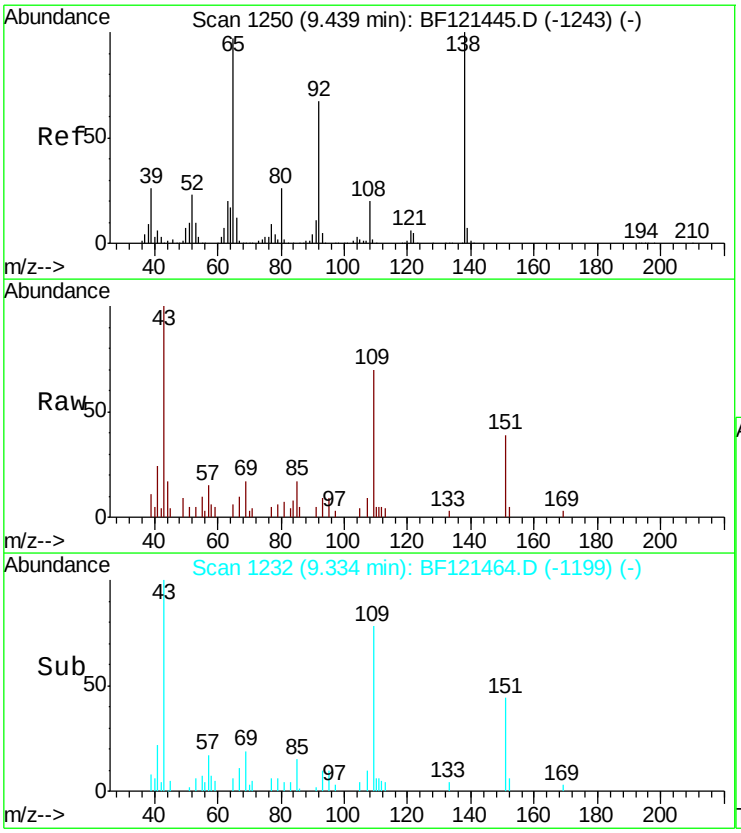
#45
2-Fluorobiphenyl
Concen: 59.215 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:172 Resp: 2247354

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	25.0	20.6	31.0

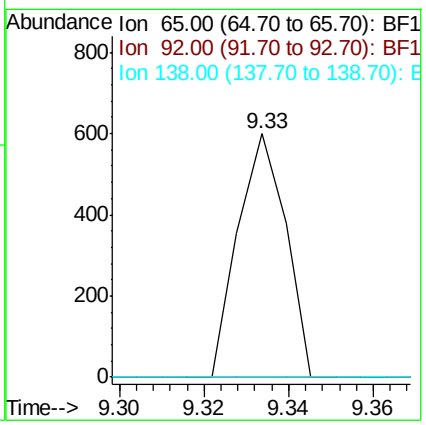


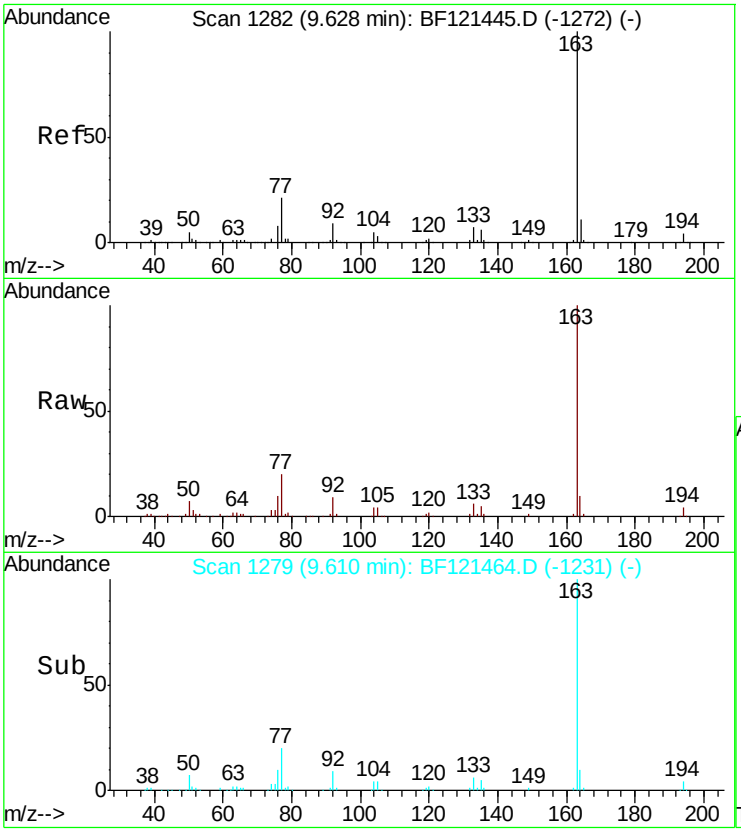


#48
2-Nitroaniline
Concen: 6.686 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.11 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion: 65 Resp: 471

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.6	83.4#
138	0.0	82.9	124.3#



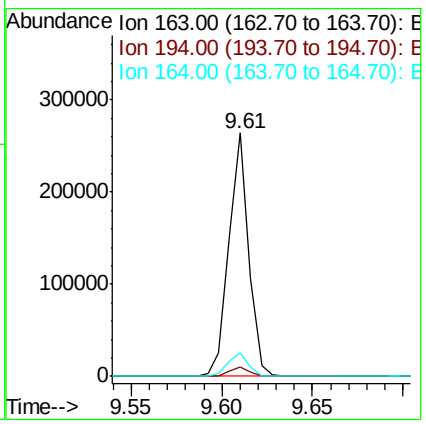


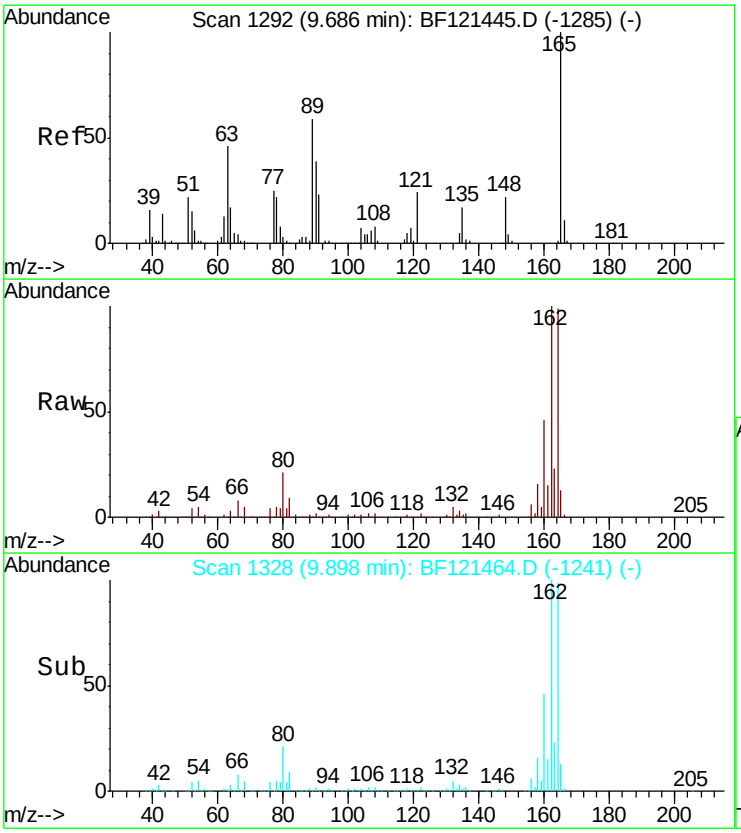
#50
Dimethylphthalate
Concen: 4.815 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:163 Resp: 202529

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.8	8.6	12.8

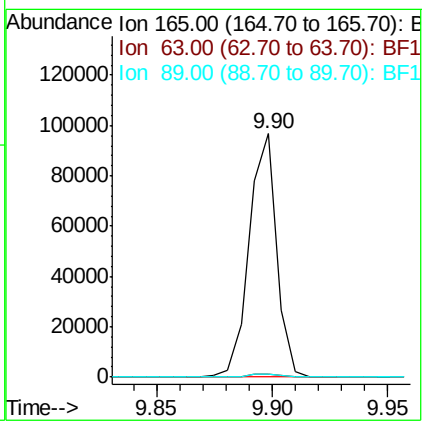


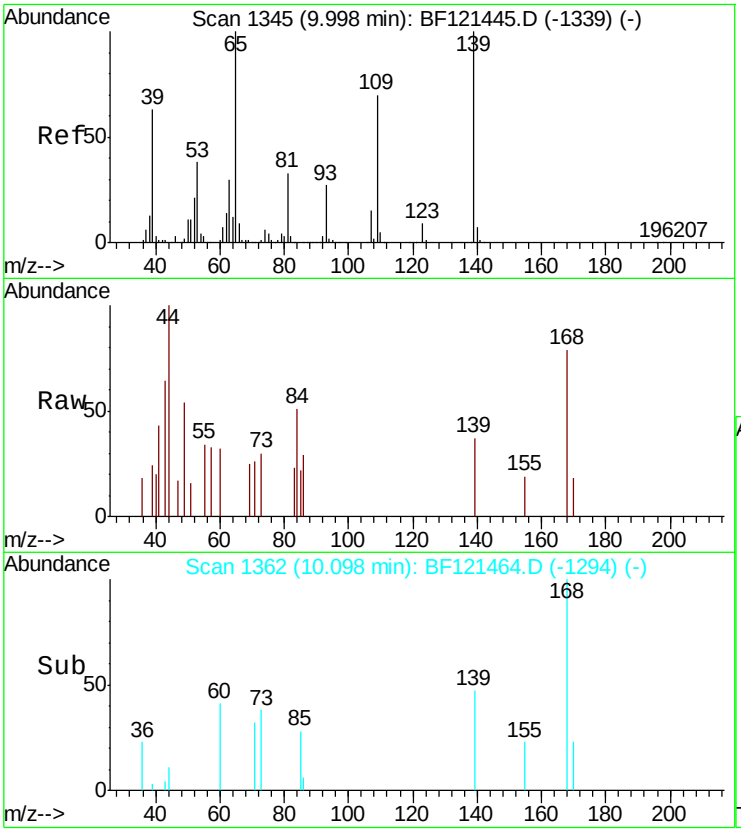


#51
2,6-Dinitrotoluene
Concen: 15.265 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion:165 Resp: 80509

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.6	65.4#
89	1.5	47.4	71.2#



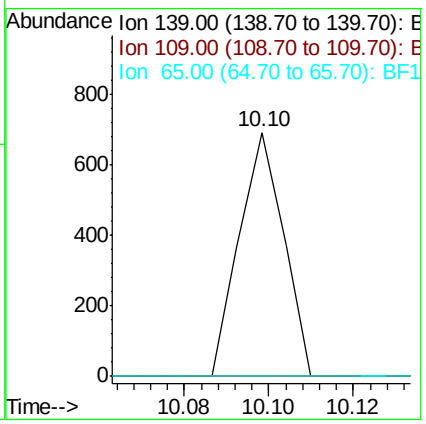


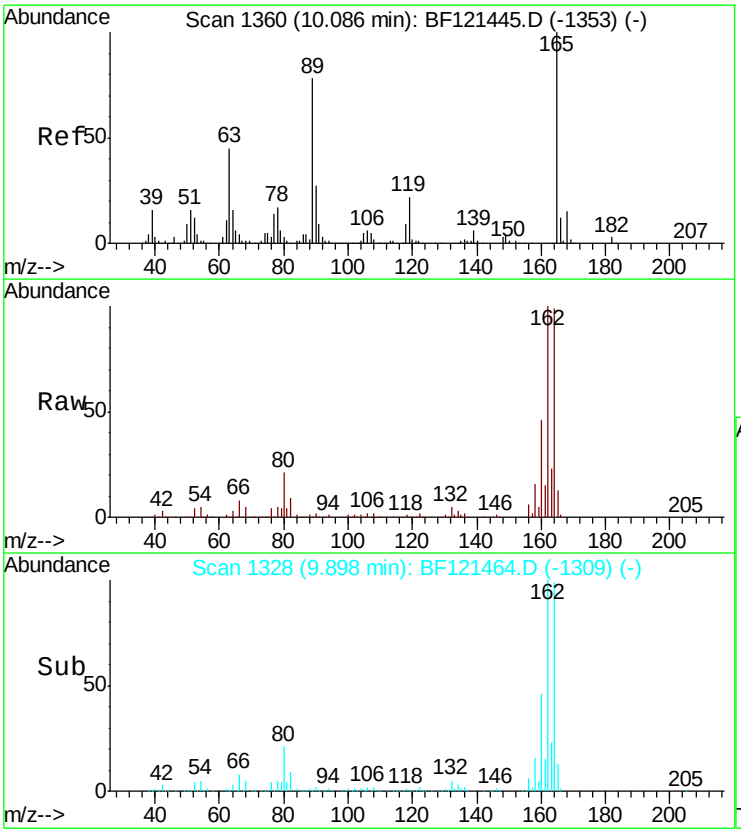
#56
4-Nitrophenol
Concen: 7.912 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.10 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:139 Resp: 503

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.5	90.5#
65	0.0	80.2	120.2#

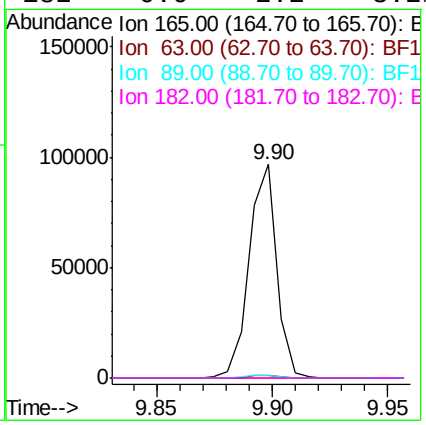


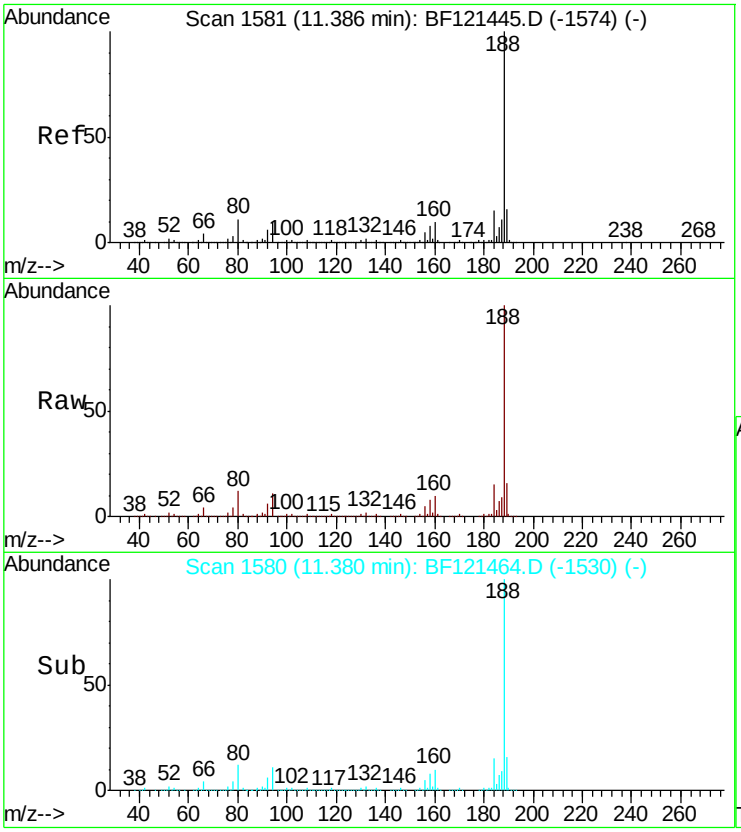


#57
2,4-Dinitrotoluene
Concen: 14.314 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion:165 Resp: 80509

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.0	54.0#
89	1.5	62.6	93.8#
182	0.0	2.2	3.2#



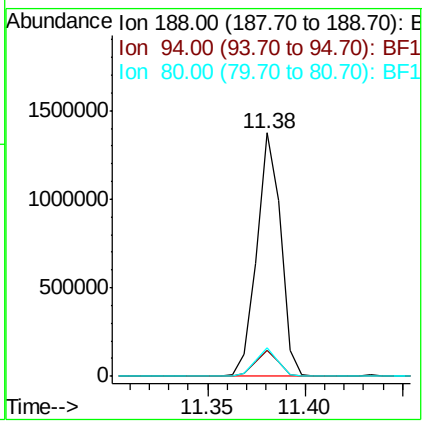


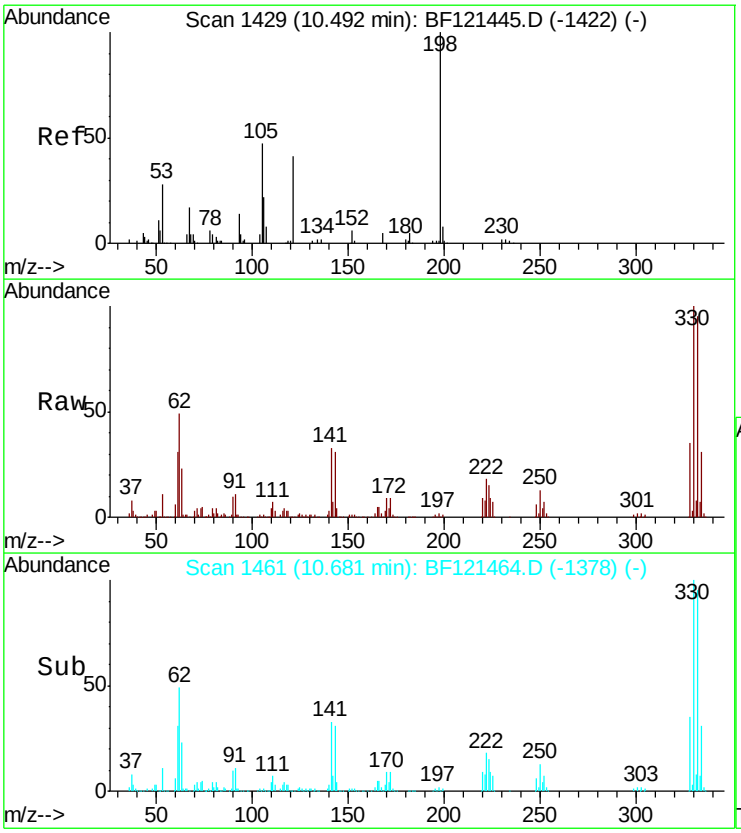
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:188 Resp: 1163424

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.3	12.5
80	11.7	8.6	13.0

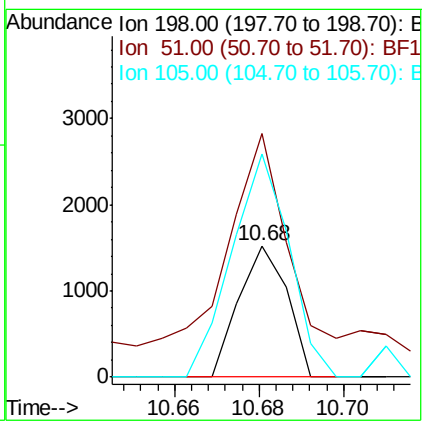


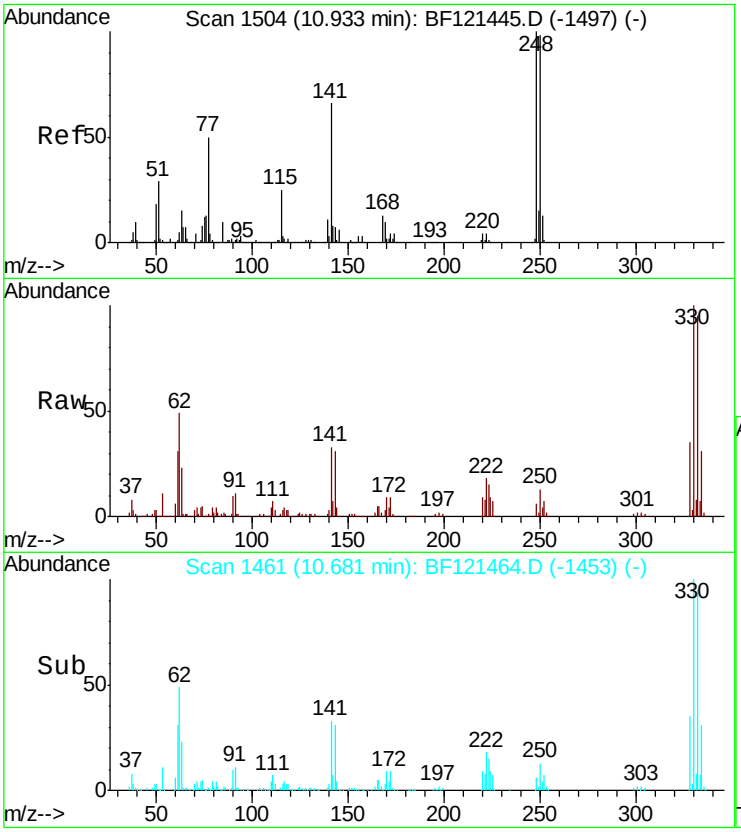


#65
4,6-Dinitro-2-methylphenol
Concen: 6.018 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.19 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion:198 Resp: 1210

Ion	Ratio	Lower	Upper
198	100		
51	185.1	29.0	69.0#
105	170.0	29.1	69.1#



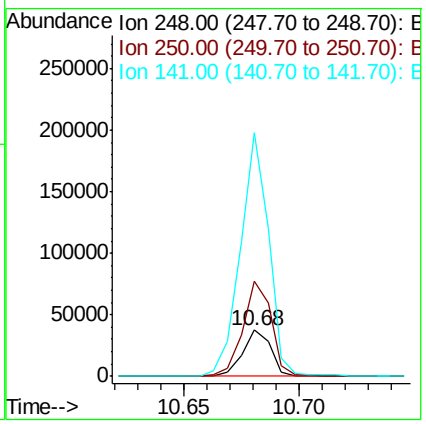


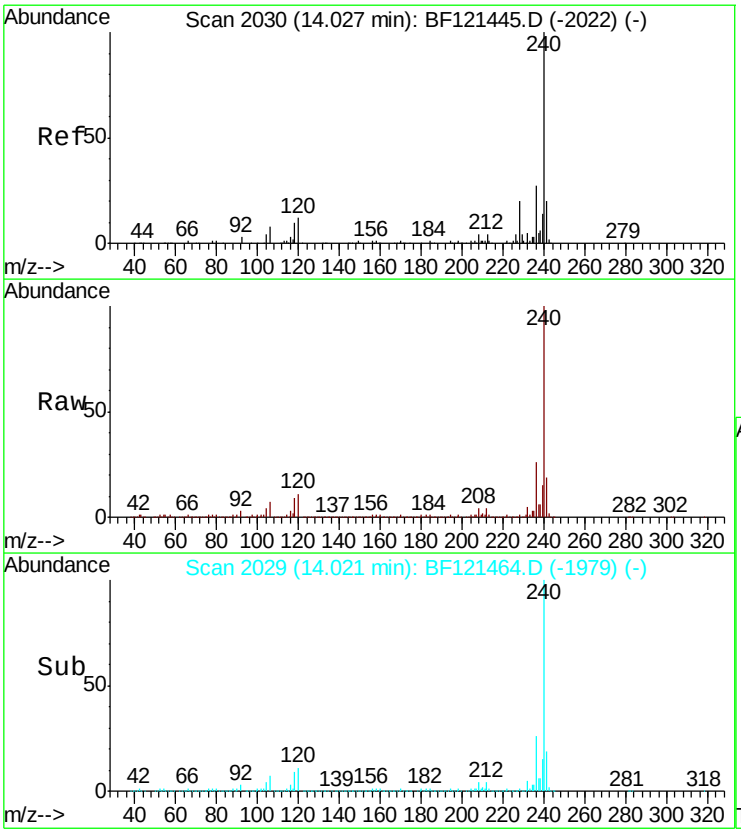
#67
4-Bromophenyl-phenylether
Concen: 2.516 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:248 Resp: 32203

Ion	Ratio	Lower	Upper
248	100		
250	207.6	78.7	118.1#
141	530.0	52.6	78.8#

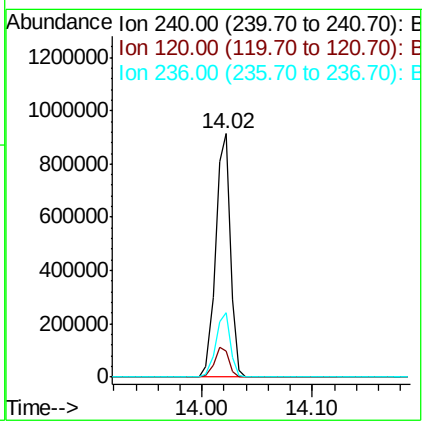


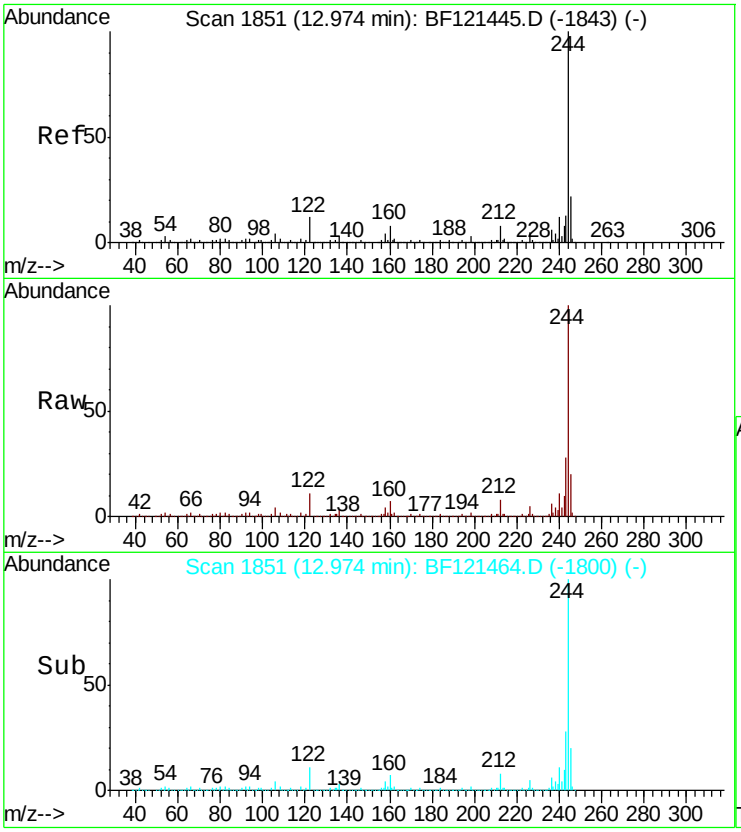


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion:240 Resp: 844388

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.2	21.8	32.6



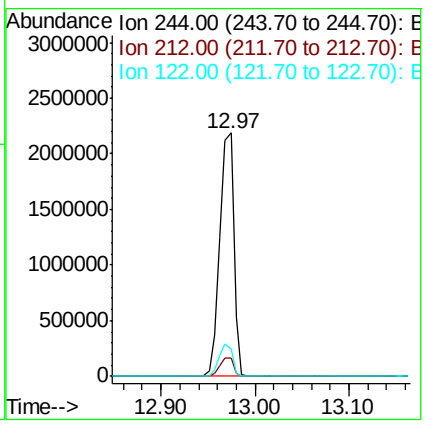


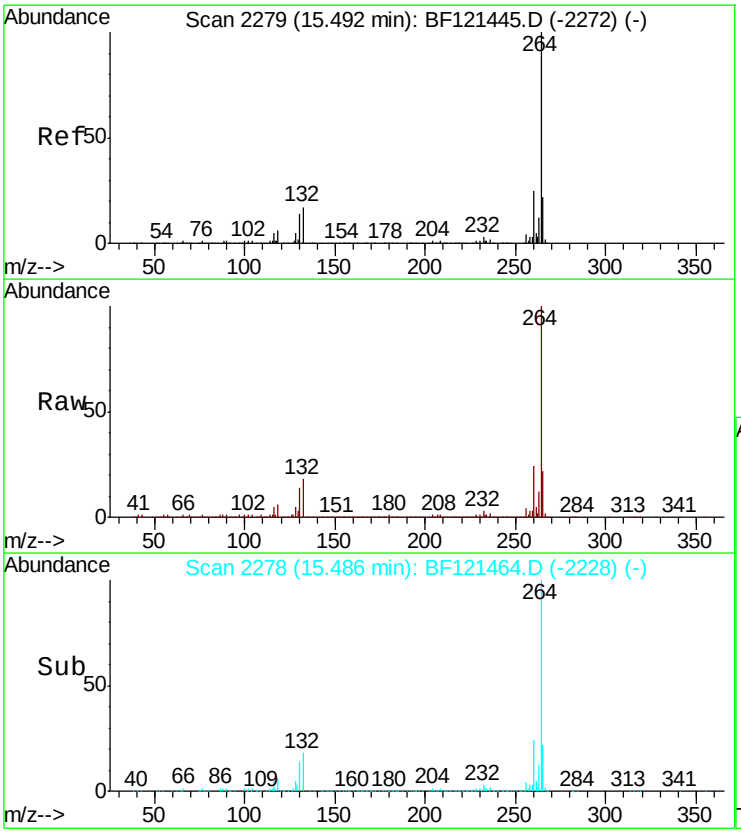
#79
Terphenyl-d14
Concen: 57.642 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Instrument :
BNA_F
ClientSampleId :
789UMR-TP12-0002-01

Tgt Ion:244 Resp: 2312276

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	11.4	9.5	14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF121464.D
Acq: 28 Aug 2020 17:27

Tgt Ion:264 Resp: 724017

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.0	17.8	26.6