

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000852.D
 Acq On : 17 Oct 2019 22:14
 Operator : JU
 Sample : PB124013BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB124013BL

Quant Time: Oct 18 06:10:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

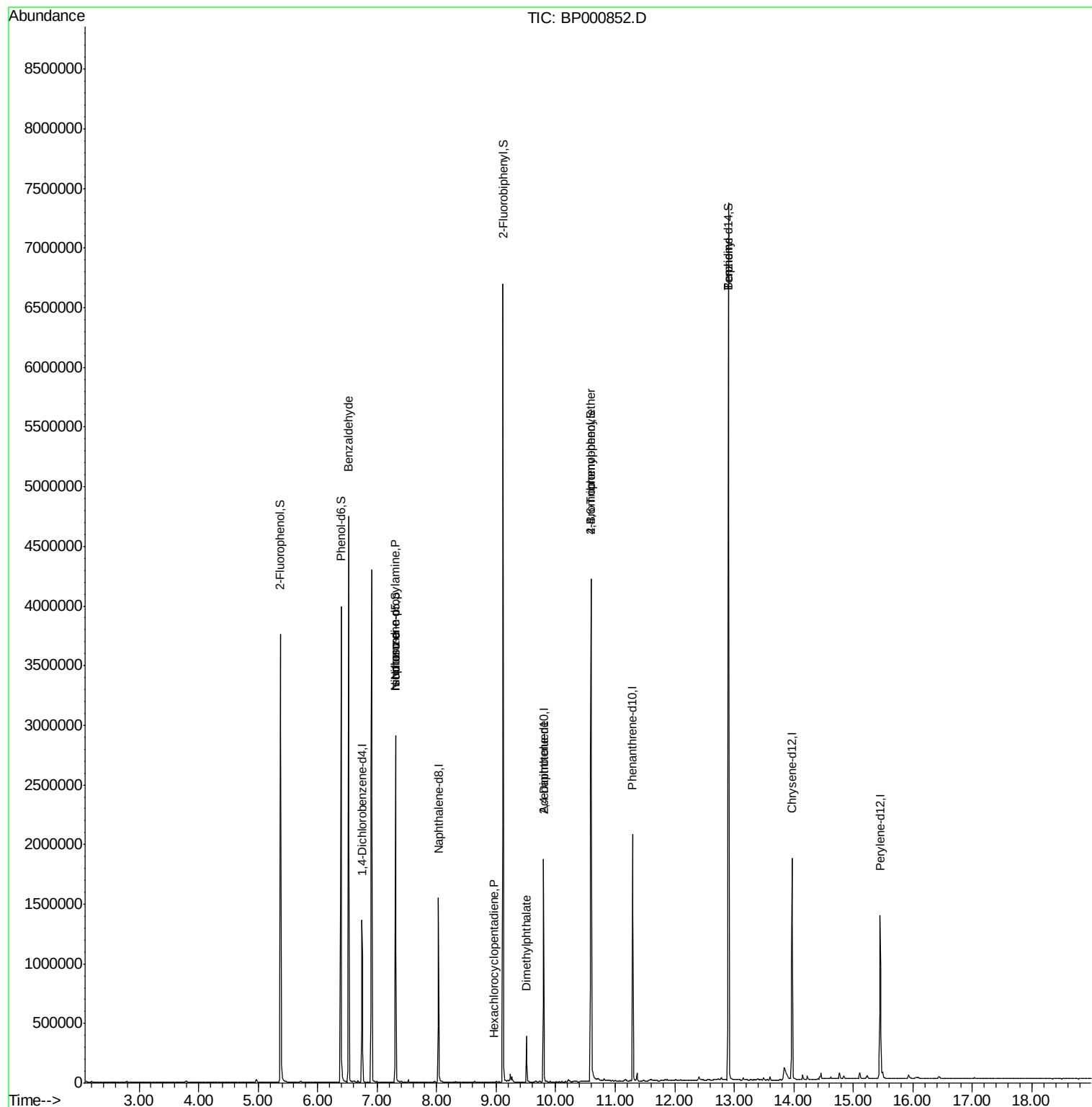
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	211660	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	741131	20.00	ng	-0.03
39) Acenaphthene-d10	9.79	164	401492	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	713998	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	585799	20.00	ng	-0.01
87) Perylene-d12	15.45	264	633672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1288657	97.87	ng	-0.02
7) Phenol-d6	6.39	99	1620851	102.15	ng	-0.02
23) Nitrobenzene-d5	7.31	82	920664	75.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	592350	138.45	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2143249	86.37	ng	-0.02
79) Terphenyl-d14	12.90	244	2795509	96.62	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	26657	3.225	ng	83
19) n-Nitroso-di-n-propylamine	7.31	70	112904	15.437	ng	# 73
25) Isophorone	7.31	82	920491	42.741	ng	# 61
41) Hexachlorocyclopentadiene	8.96	237	27	7.302	ng	94
50) Dimethylphthalate	9.51	163	154565	5.540	ng	99
57) 2,4-Dinitrotoluene	9.79	165	52279	6.481	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	40558	5.046	ng	# 1
77) Benzidine	12.90	184	37476	2.209	ng	# 95

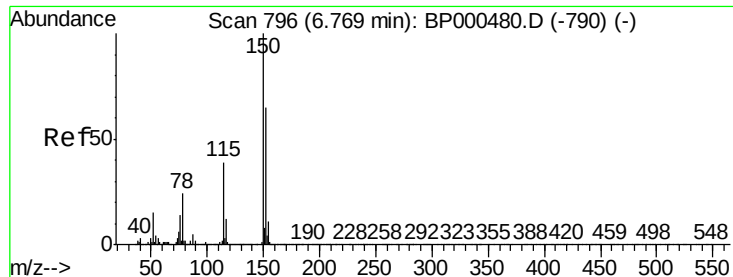
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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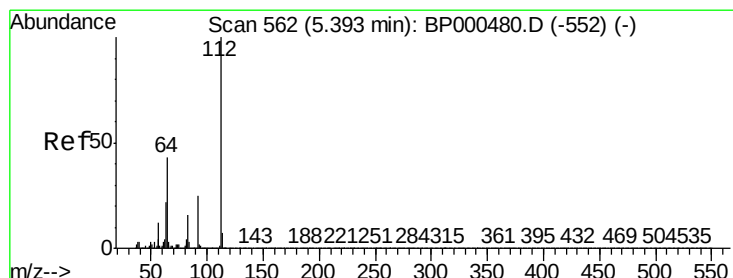
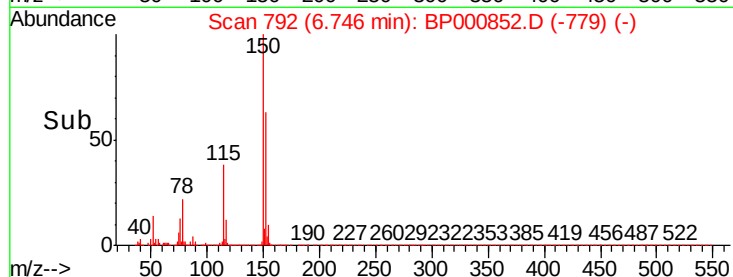
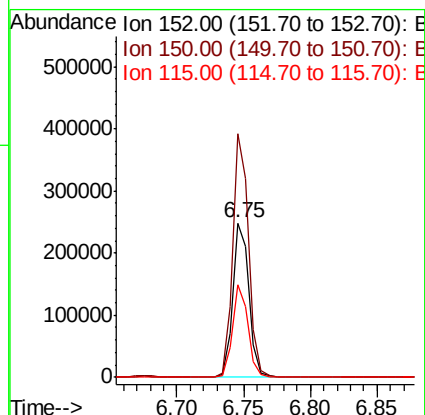
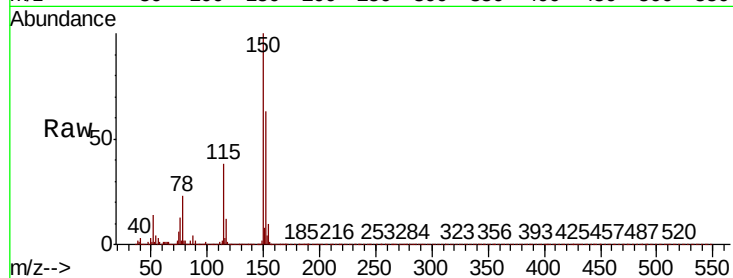


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000852.D
Acq: 17 Oct 2019 22:14

Instrument :
BNA_P
ClientSampleId :
PB124013BL

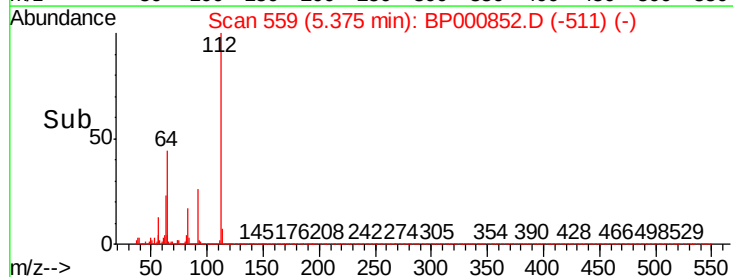
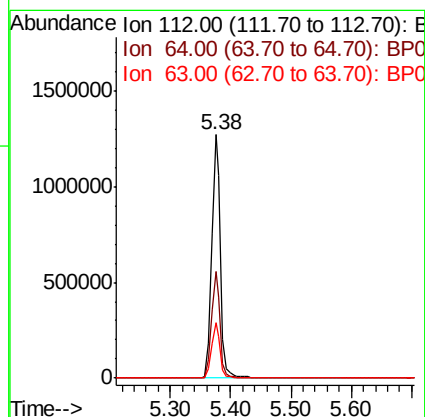
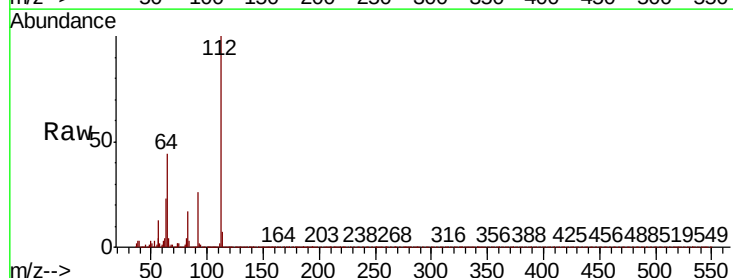
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.1	186.1
115	59.9	48.7	73.1

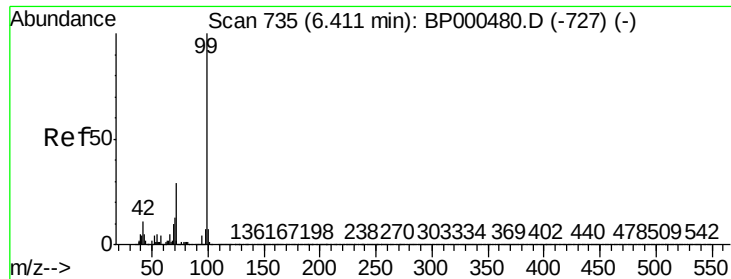


#5

2-Fluorophenol
Concen: 97.867 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000852.D
Acq: 17 Oct 2019 22:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.8	34.2	51.4
63	22.7	17.9	26.9





#7

Phenol-d6

Concen: 102.150 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000852.D

Acq: 17 Oct 2019 22:14

Instrument :

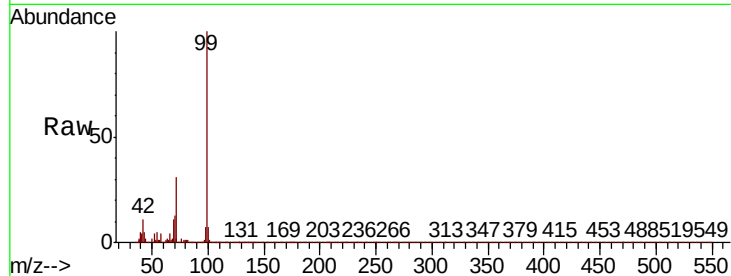
BNA_P

ClientSampleId :

PB124013BL

Tot Ion: 99 Resp: 1620851

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.6	12.8
71	30.9	23.0	34.4

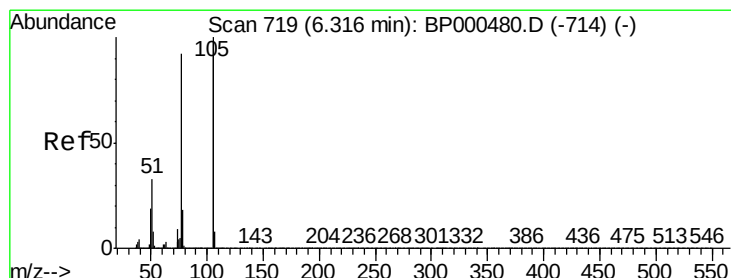
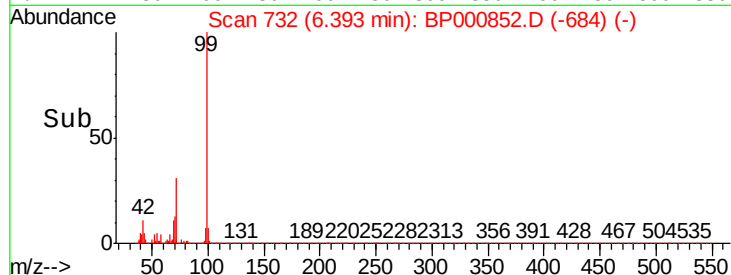
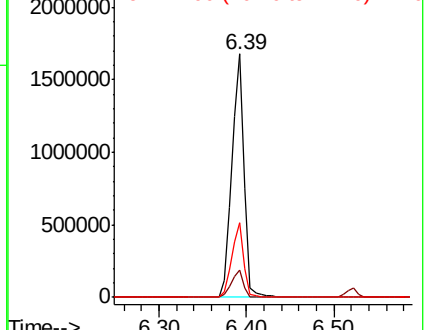


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: 3.225 ng

RT: 6.52 min Scan# 754

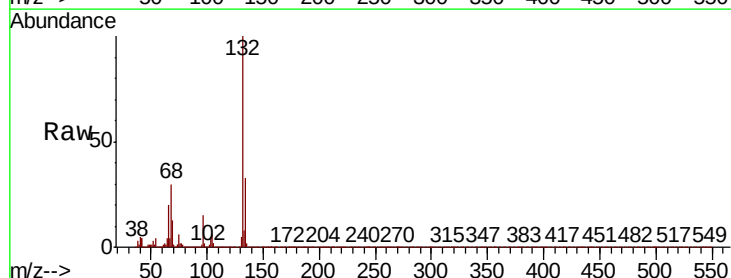
Delta R.T. 0.21 min

Lab File: BP000852.D

Acq: 17 Oct 2019 22:14

Tgt Ion: 77 Resp: 26657

Ion	Ratio	Lower	Upper
77	100		
105	92.2	88.3	128.3
106	86.0	85.7	125.7

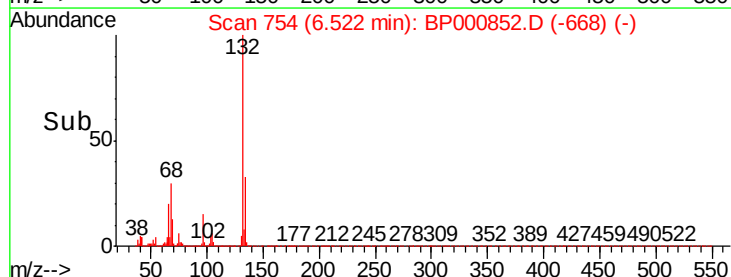
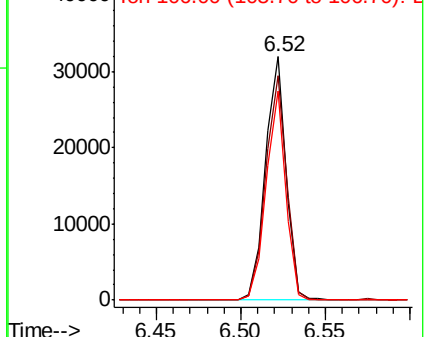


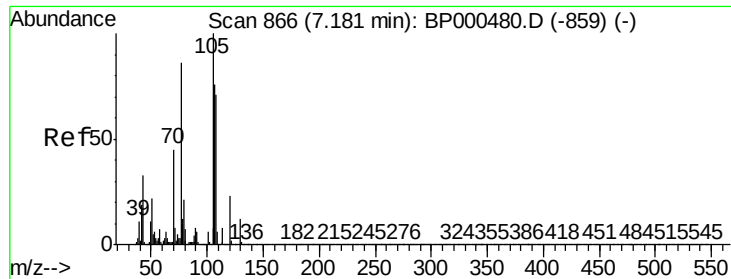
Abundance

Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

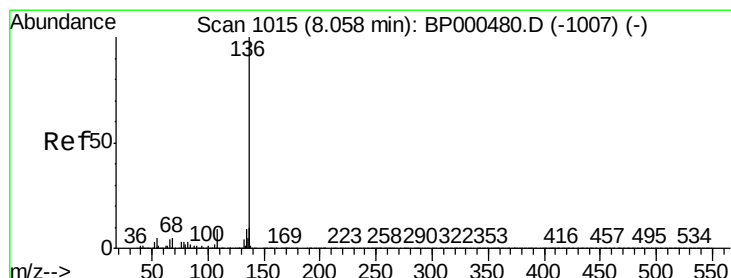
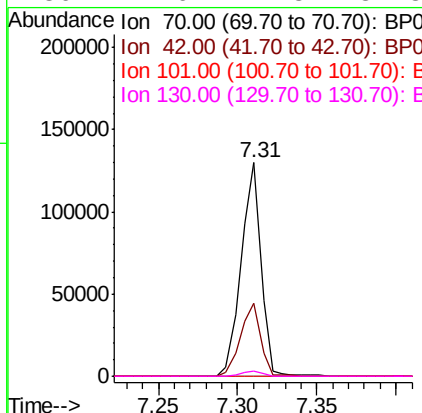
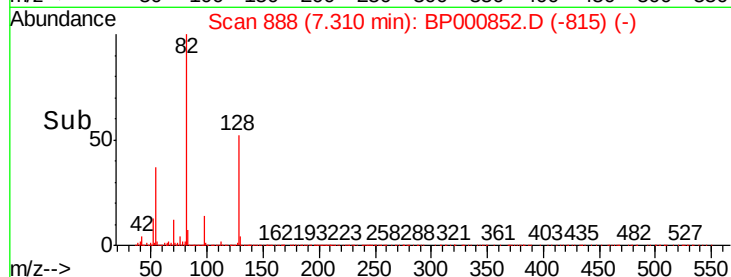
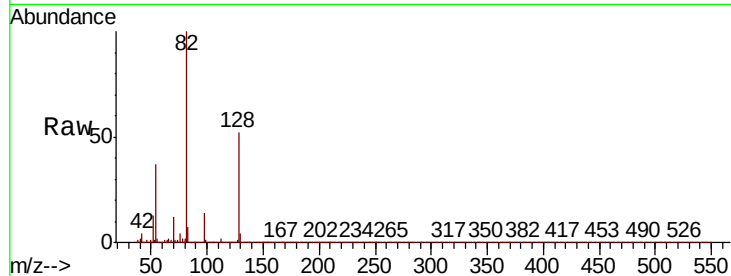




#19
n-Nitroso-di-n-propylamine
Concen: 15.437 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000852.D
Acq: 17 Oct 2019 22:14

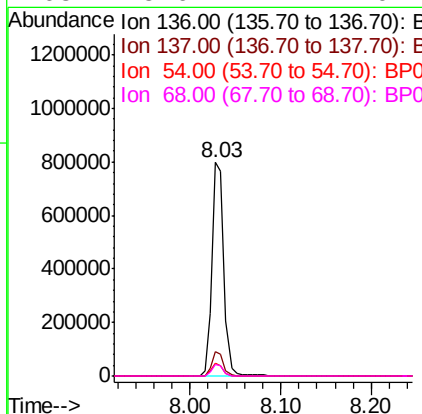
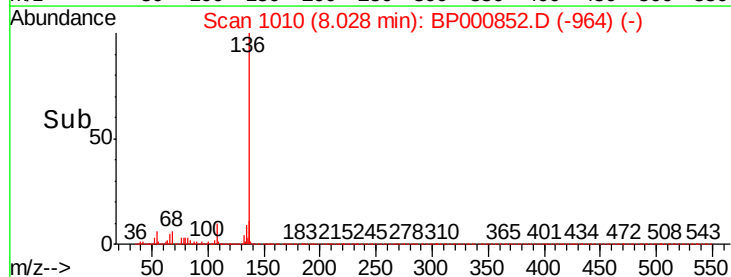
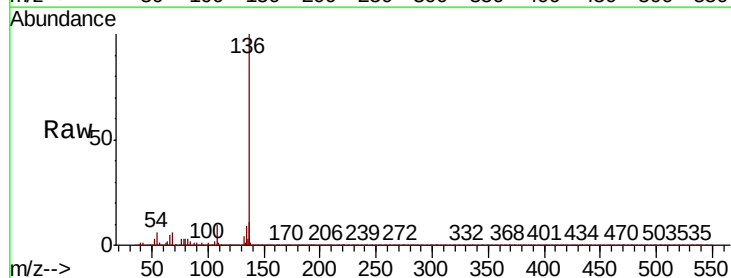
Instrument :
BNA_P
ClientSampleId :
PB124013BL

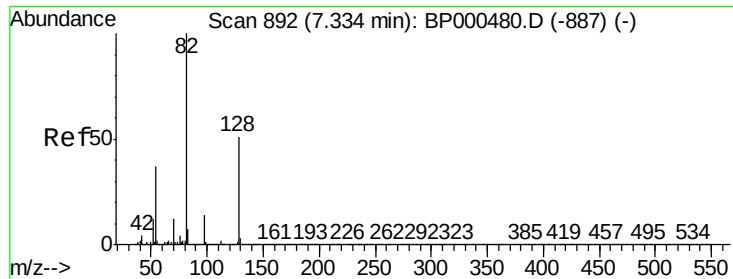
Tot Ion:	70	Resp:	112904
Ion	Ratio	Lower	Upper
70	100		
42	34.4	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BP000852.D
Acq: 17 Oct 2019 22:14

Tgt Ion:	136	Resp:	741131
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.0	4.1	6.1
68	5.6	4.1	6.1

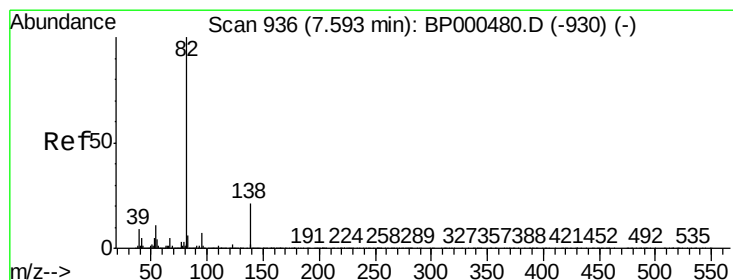
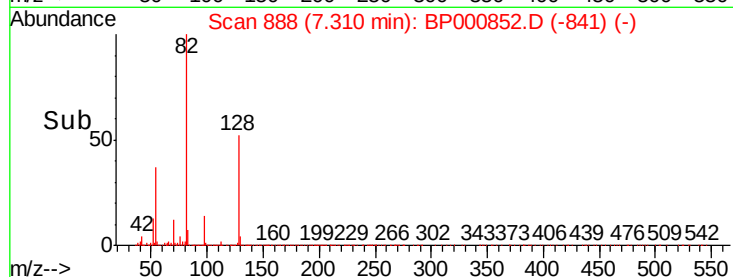
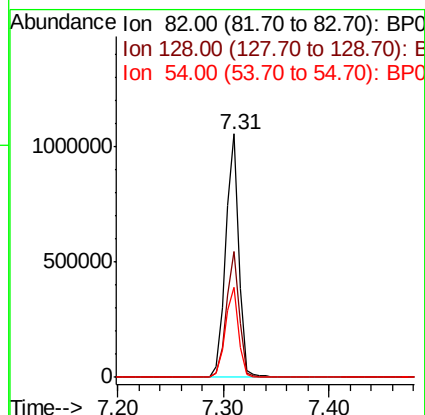
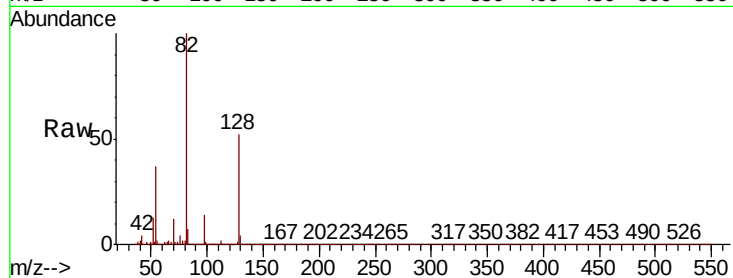




#23
 Nitrobenzene-d5
 Concen: 75.870 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000852.D
 Acq: 17 Oct 2019 22:14

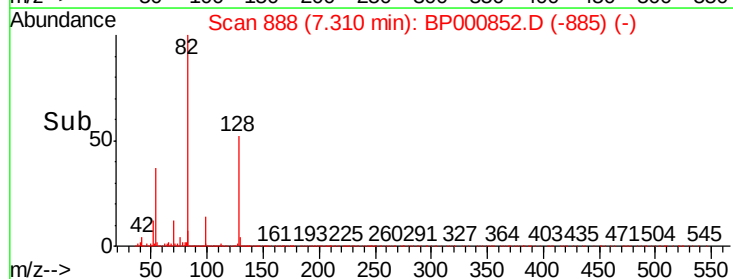
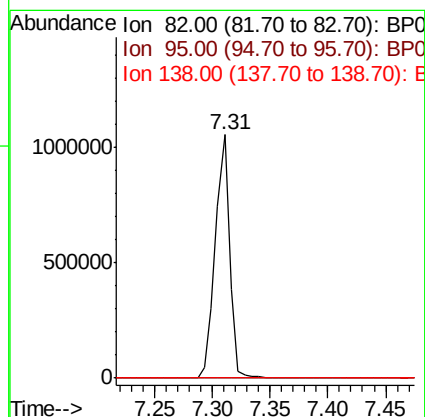
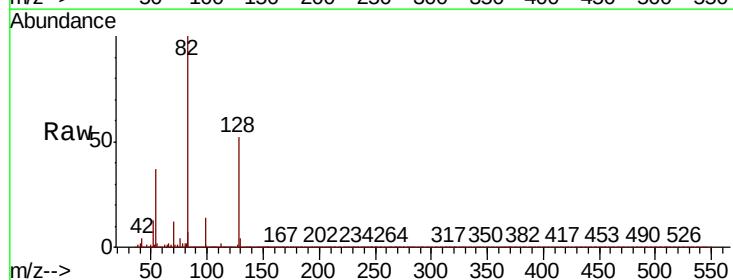
Instrument :
 BNA_P
 ClientSampleId :
 PB124013BL

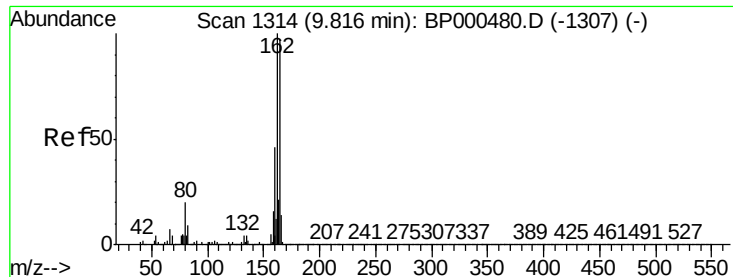
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.9	61.3
54	36.8	29.4	44.2



#25
 Isophorone
 Concen: 42.741 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000852.D
 Acq: 17 Oct 2019 22:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BP000852.D

Acq: 17 Oct 2019 22:14

Instrument :

BNA_P

ClientSampleId :

PB124013BL

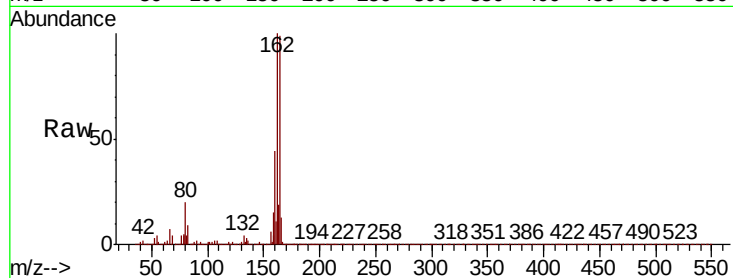
Tot Ion:164 Resp: 401492

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

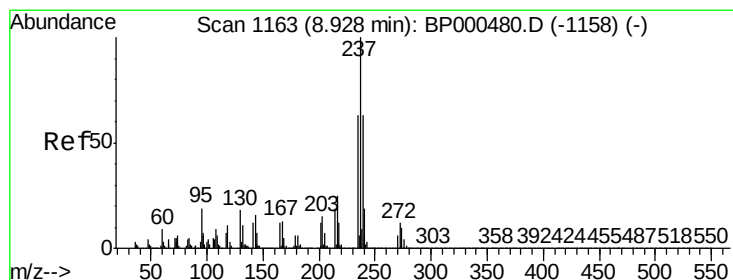
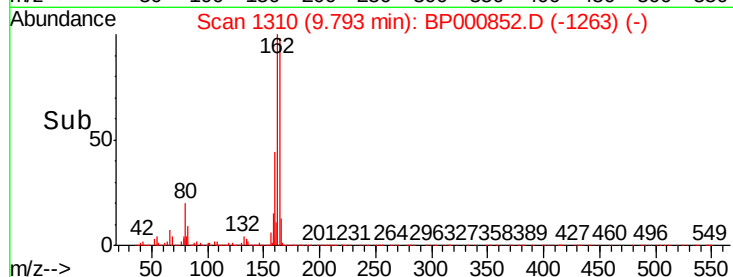
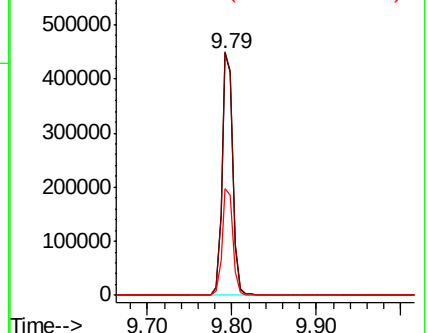
160 44.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

Hexachlorocyclopentadiene

Concen: 7.302 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.04 min

Lab File: BP000852.D

Acq: 17 Oct 2019 22:14

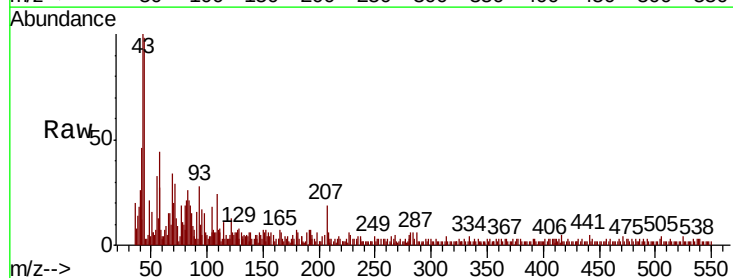
Tgt Ion:237 Resp: 27

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

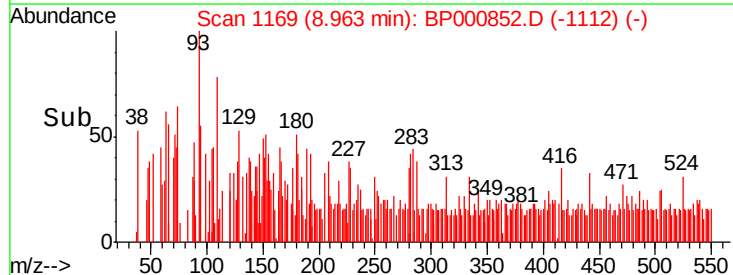
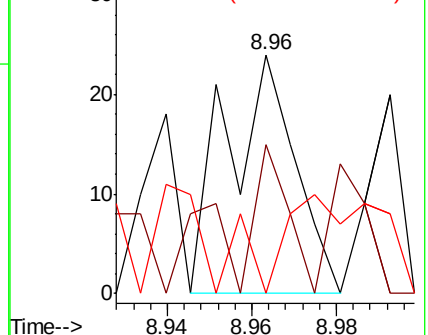
272 0.0 0.0 32.4

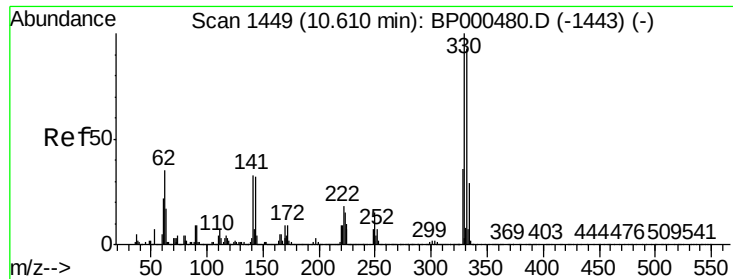


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

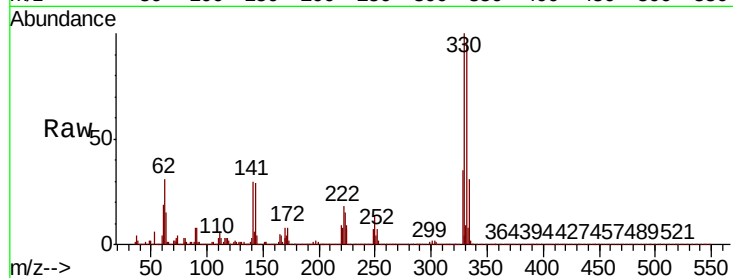




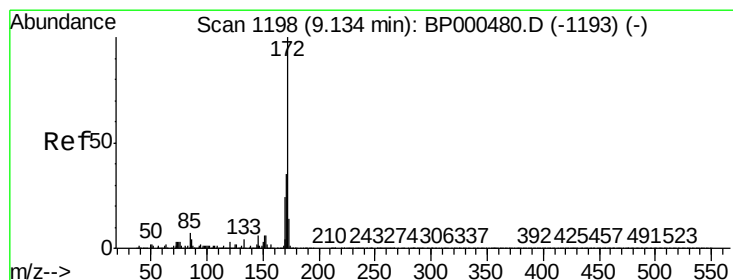
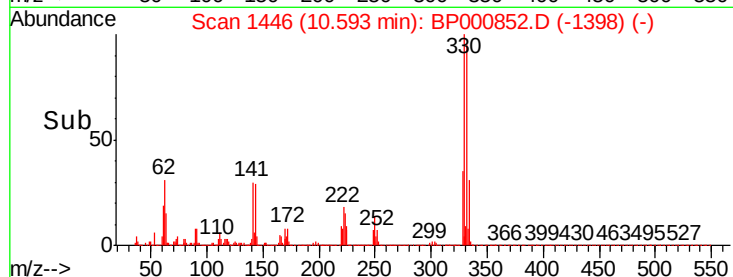
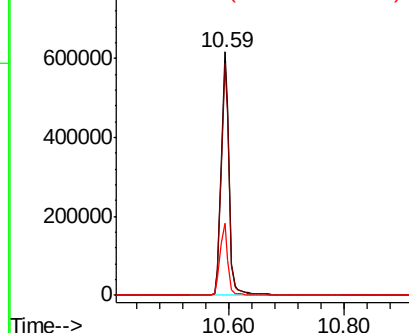
#42
2,4,6-Tribromophenol
Concen: 138.452 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000852.D
Acq: 17 Oct 2019 22:14

Instrument :
BNA_P
ClientSampleId :
PB124013BL

Tot Ion:330 Resp: 592350
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 29.1 26.0 39.0

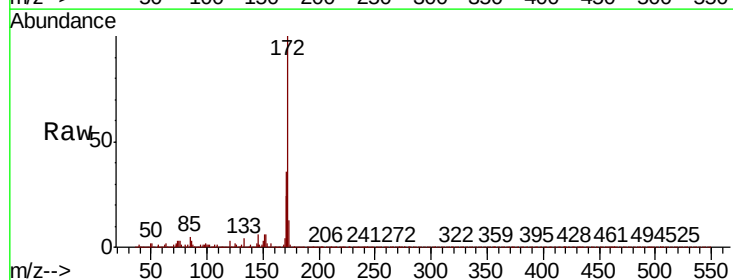


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

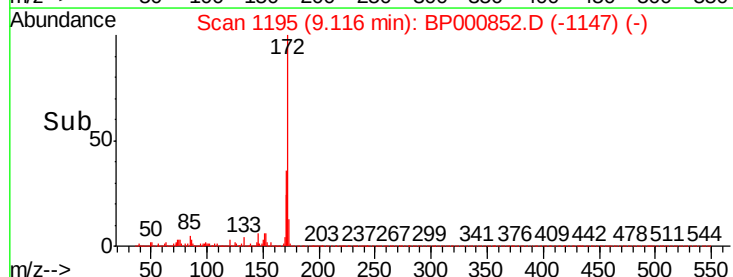
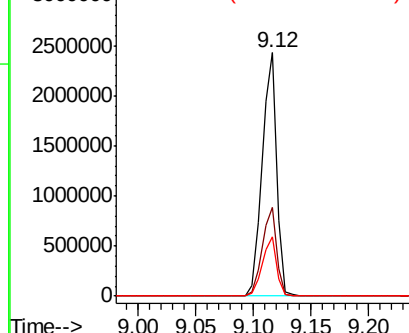


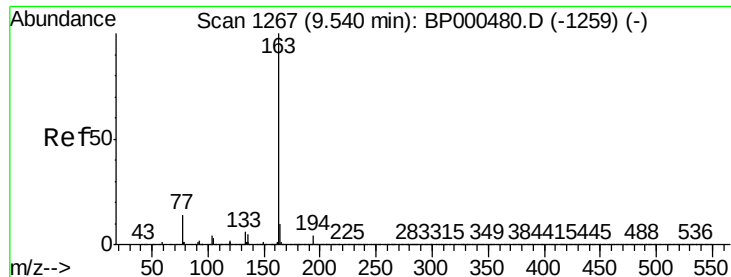
#45
2-Fluorobiphenyl
Concen: 86.372 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000852.D
Acq: 17 Oct 2019 22:14

Tgt Ion:172 Resp: 2143249
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.3 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.540 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BP000852.D

Acq: 17 Oct 2019 22:14

Instrument :

BNA_P

ClientSampleId :

PB124013BL

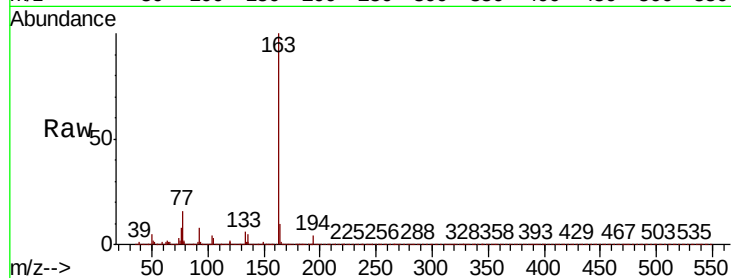
Tot Ion:163 Resp: 154565

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.3 8.0 12.0

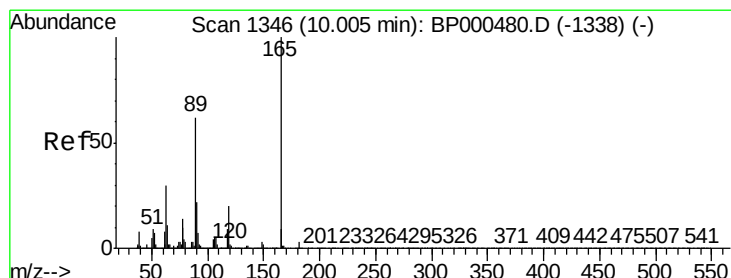
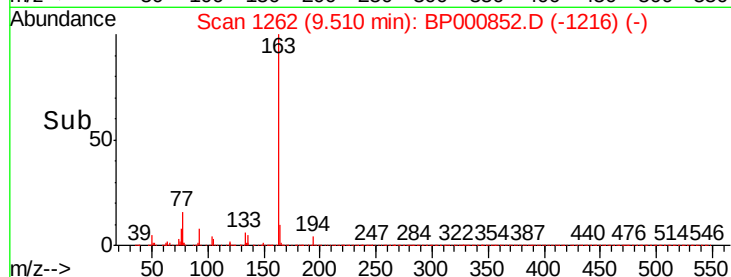
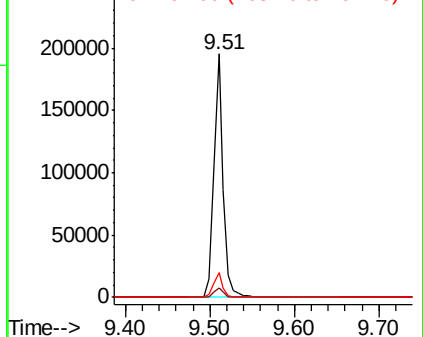


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.481 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.21 min

Lab File: BP000852.D

Acq: 17 Oct 2019 22:14

Tgt Ion:165 Resp: 52279

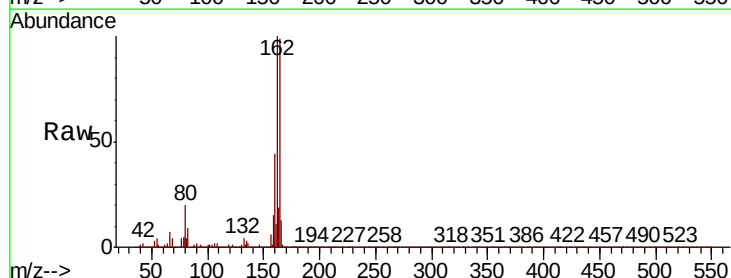
Ion Ratio Lower Upper

165 100

63 0.8 24.2 36.4#

89 1.0 49.4 74.0#

182 0.0 2.5 3.7#



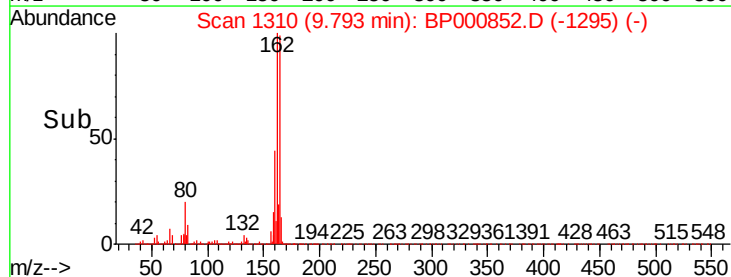
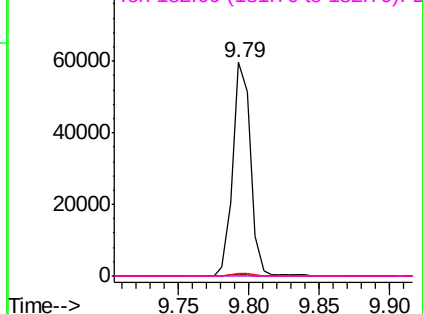
Abundance

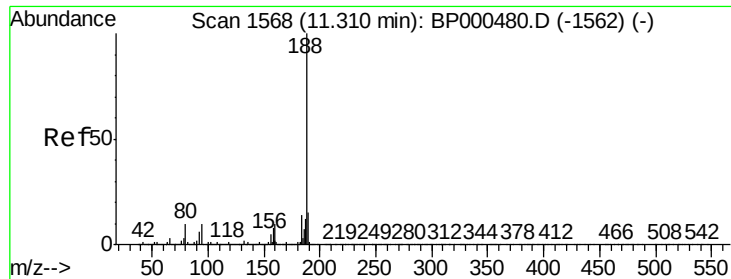
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E

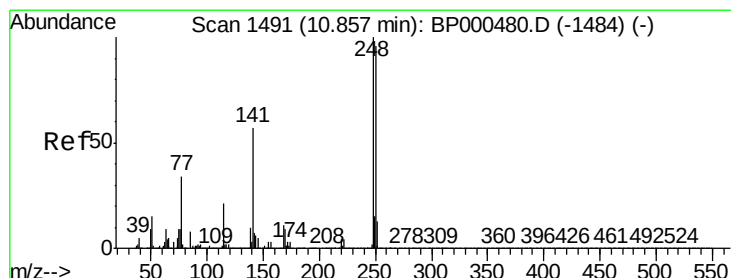
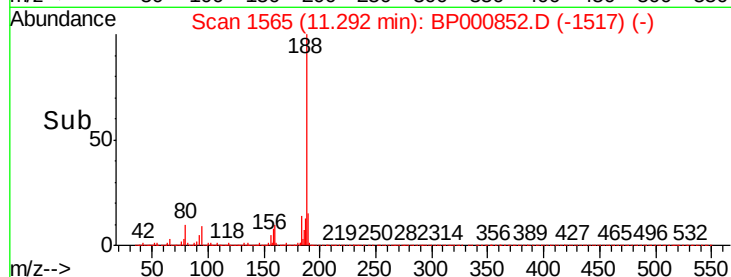
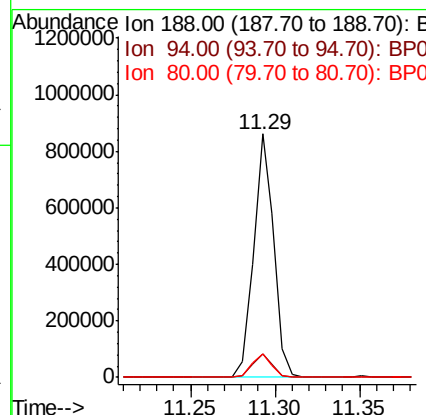
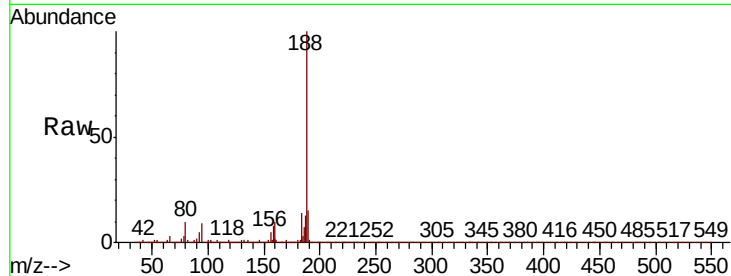




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BP000852.D
 Acq: 17 Oct 2019 22:14

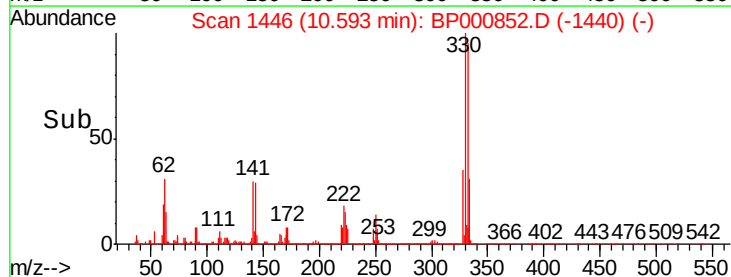
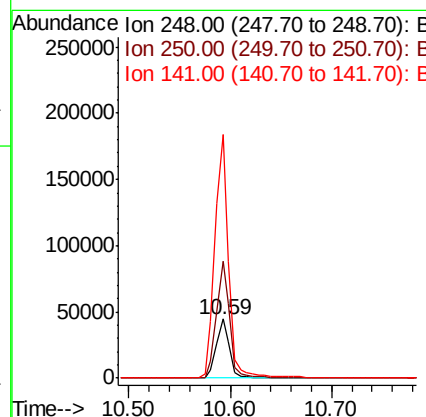
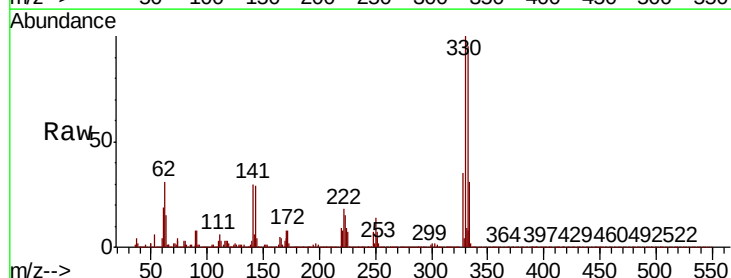
Instrument :
 BNA_P
 ClientSampleId :
 PB124013BL

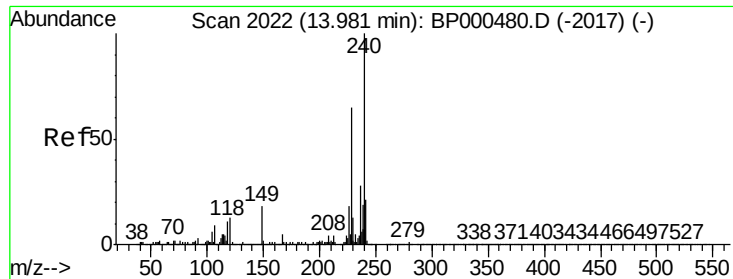
Tot Ion:	188	Resp:	713998
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.7	8.3	12.5



#67
 4-Bromophenyl-phenylether
 Concen: 5.046 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.26 min
 Lab File: BP000852.D
 Acq: 17 Oct 2019 22:14

Tgt Ion:	248	Resp:	40558
Ion	Ratio	Lower	Upper
248	100		
250	196.5	77.2	115.8#
141	410.9	45.3	67.9#

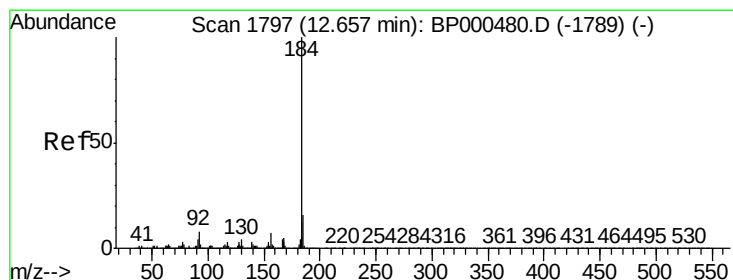
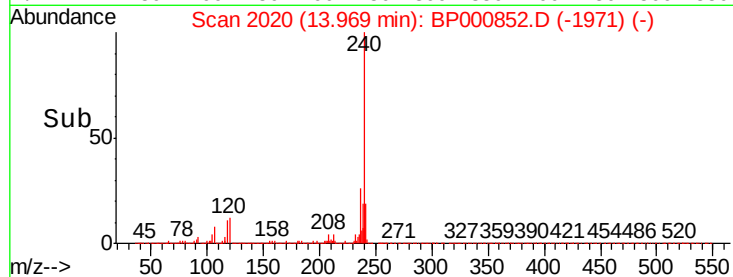
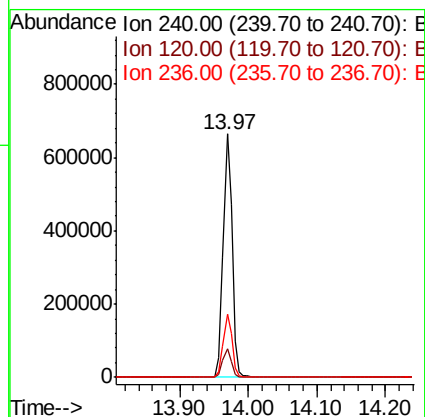
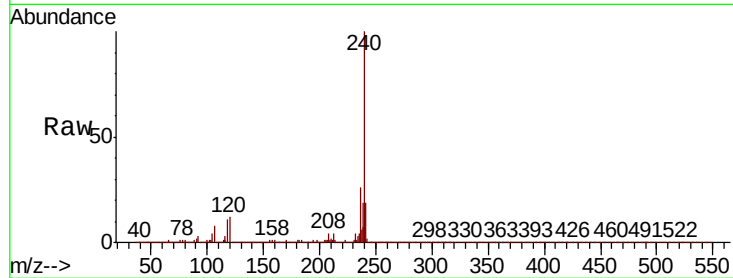




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000852.D
Acq: 17 Oct 2019 22:14

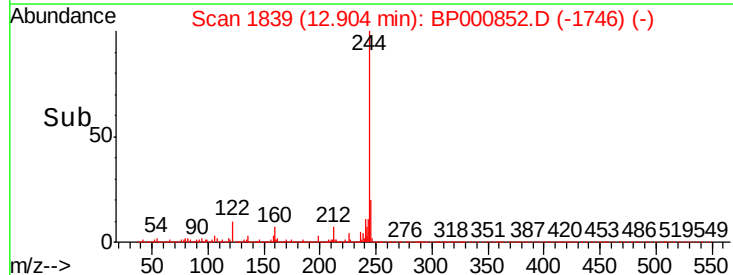
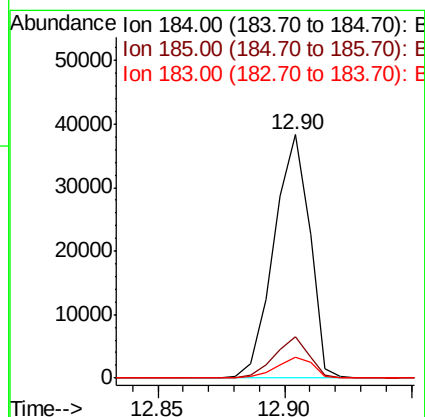
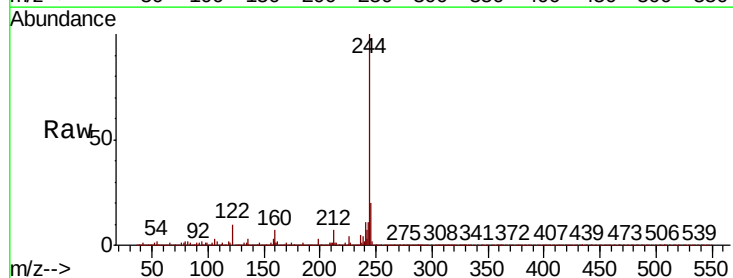
Instrument :
BNA_P
ClientSampleId :
PB124013BL

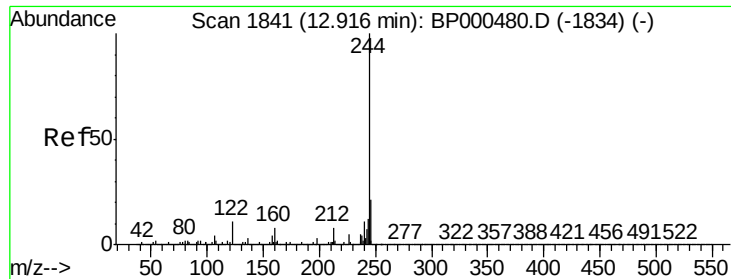
Tot Ion:240 Resp: 585799
Ion Ratio Lower Upper
240 100
120 11.7 10.1 15.1
236 26.1 22.7 34.1



#77
Benzidine
Concen: 2.209 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.25 min
Lab File: BP000852.D
Acq: 17 Oct 2019 22:14

Tgt Ion:184 Resp: 37476
Ion Ratio Lower Upper
184 100
185 17.1 12.7 19.1
183 8.7 9.7 14.5#





#79

Terphenyl-d14

Concen: 96.623 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000852.D

Acq: 17 Oct 2019 22:14

Instrument :

BNA_P

ClientSampleId :

PB124013BL

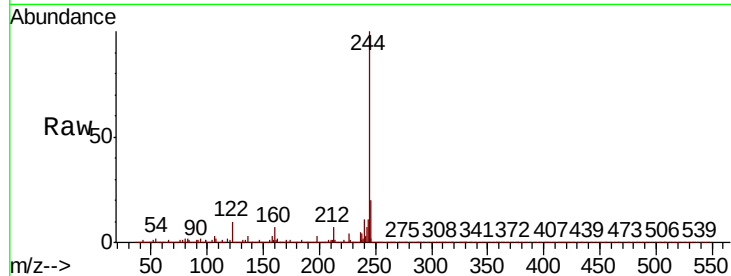
Tot Ion:244 Resp: 2795509

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

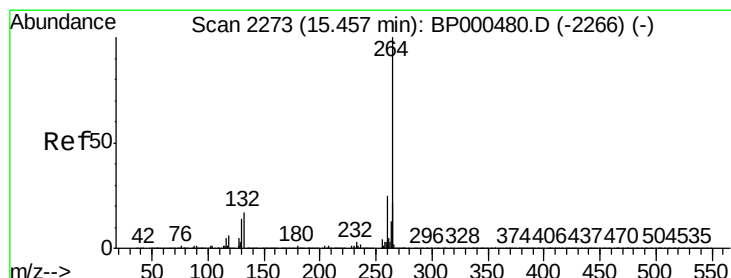
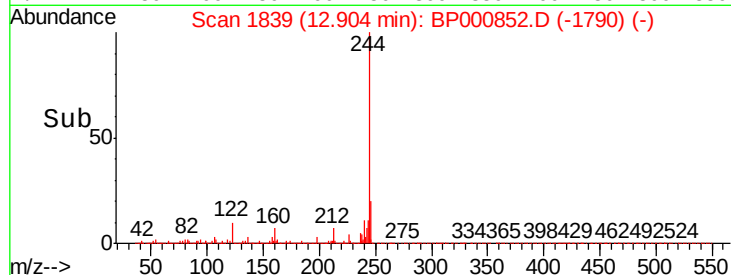
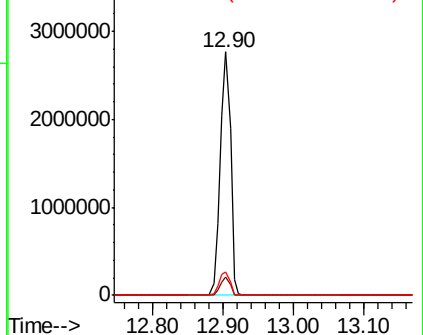
122 9.9 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BP000852.D

Acq: 17 Oct 2019 22:14

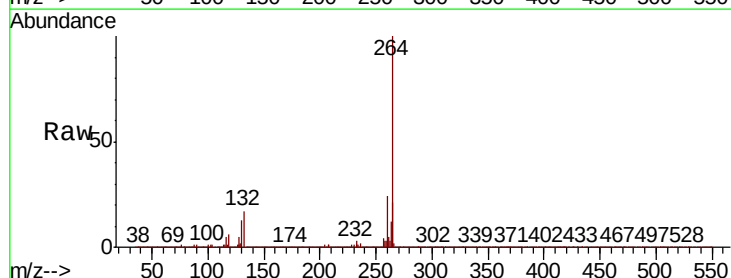
Tgt Ion:264 Resp: 633672

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 20.9 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

