

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000850.D
 Acq On : 17 Oct 2019 21:25
 Operator : JU
 Sample : PB124051BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB124051BL

Quant Time: Oct 18 06:09:42 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

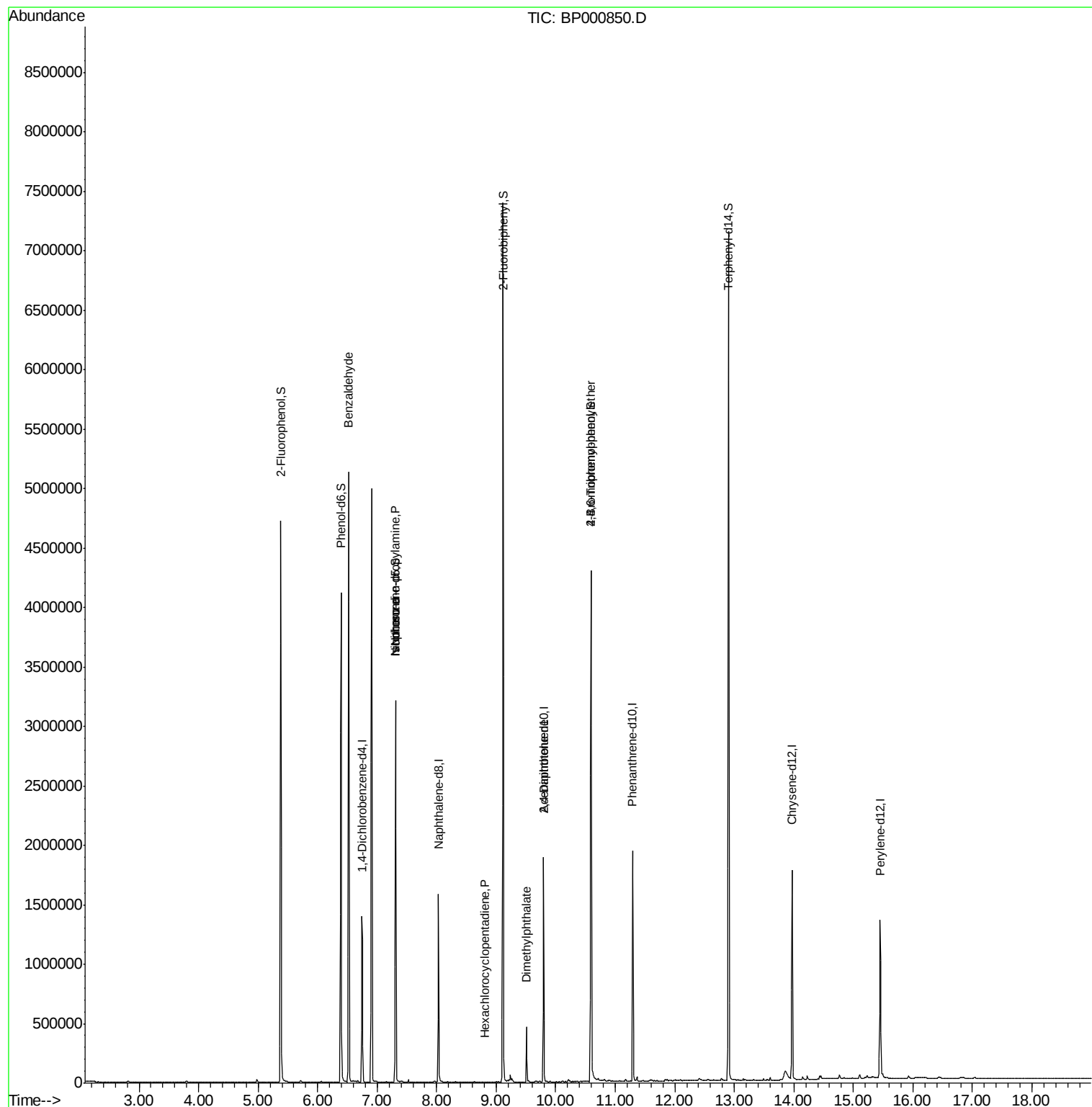
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	225668	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	780894	20.00	ng	-0.03
39) Acenaphthene-d10	9.80	164	414781	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	714205	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	587065	20.00	ng	-0.01
87) Perylene-d12	15.45	264	635023	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1573335	112.07	ng	-0.01
7) Phenol-d6	6.39	99	1984899	117.33	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1138476	89.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	611356	138.32	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2461665	96.03	ng	-0.02
79) Terphenyl-d14	12.90	244	2752970	94.95	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	33387	3.789	ng	85
19) n-Nitroso-di-n-propylamine	7.31	70	141490	18.145	ng	# 73
25) Isophorone	7.31	82	1138027	50.151	ng	# 61
41) Hexachlorocyclopentadiene	8.82	237	12	7.299	ng	87
50) Dimethylphthalate	9.51	163	182137	6.320	ng	100
57) 2,4-Dinitrotoluene	9.79	165	53871	6.465	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	41556	5.169	ng	# 1

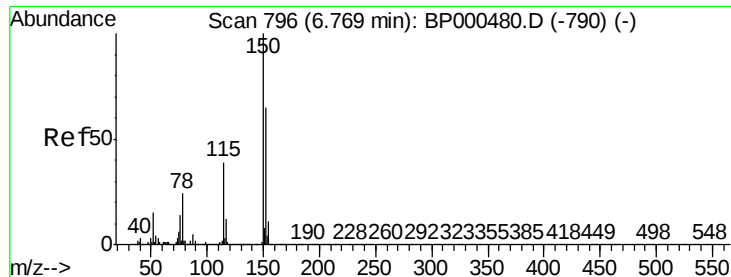
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000850.D
Acq On : 17 Oct 2019 21:25
Operator : JU
Sample : PB124051BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB124051BL

Quant Time: Oct 18 06:09:42 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



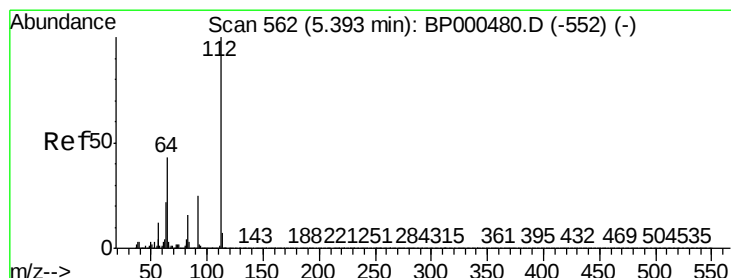
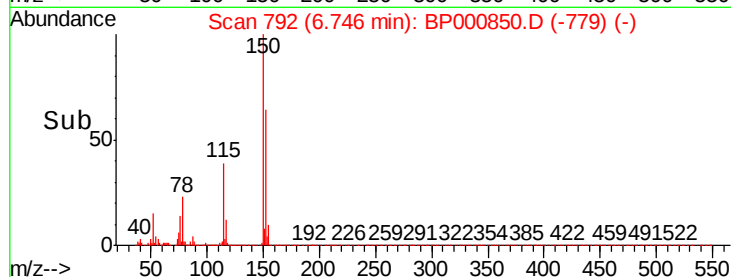
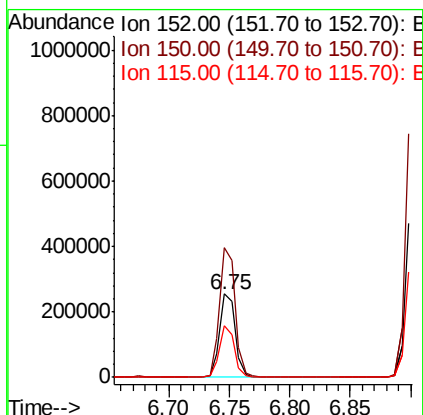
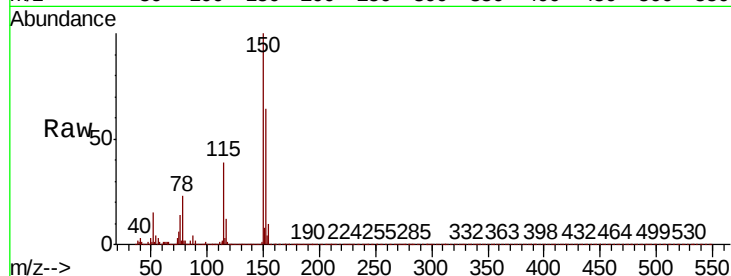


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Instrument :
BNA_P
ClientSampleId :
PB124051BL

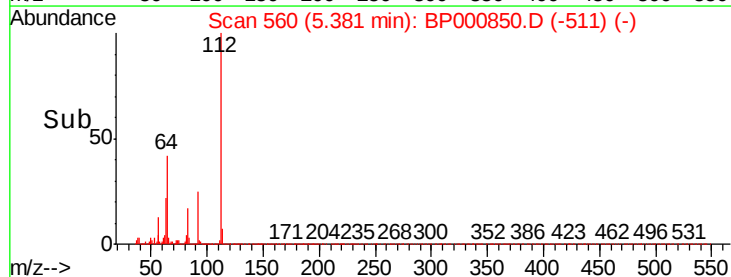
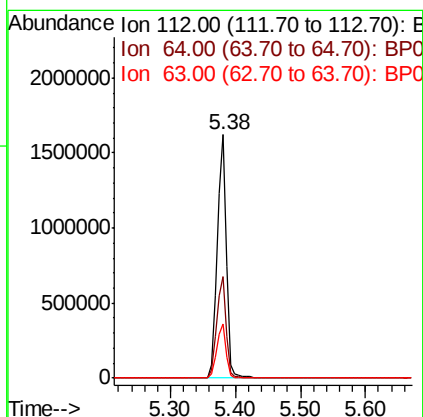
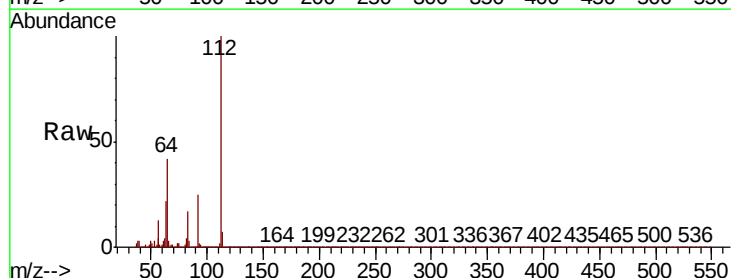
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	61.1	48.7	73.1

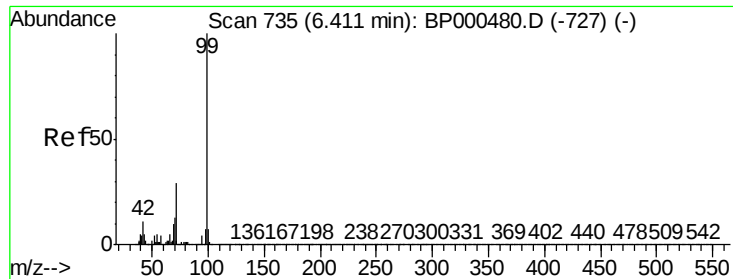


#5

2-Fluorophenol
Concen: 112.069 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.9	34.2	51.4
63	22.3	17.9	26.9





#7

Phenol-d6

Concen: 117.328 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000850.D

Acq: 17 Oct 2019 21:25

Instrument :

BNA_P

ClientSampleId :

PB124051BL

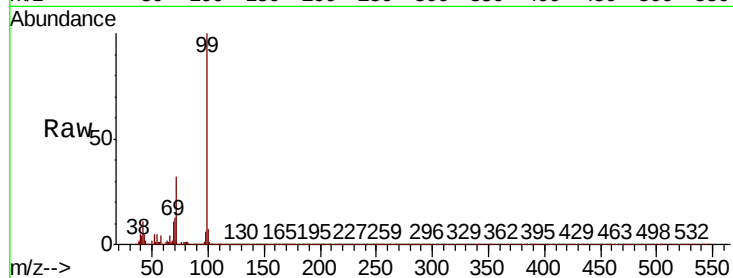
Tot Ion: 99 Resp: 1984899

Ion Ratio Lower Upper

99 100

42 11.4 8.6 12.8

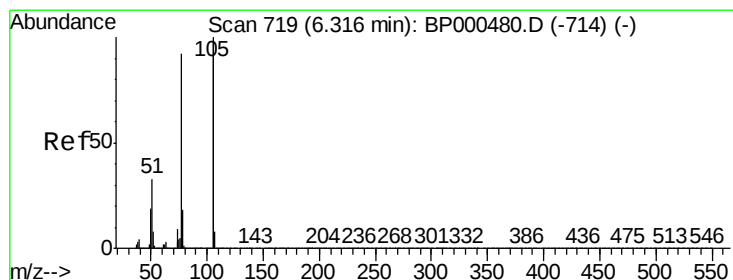
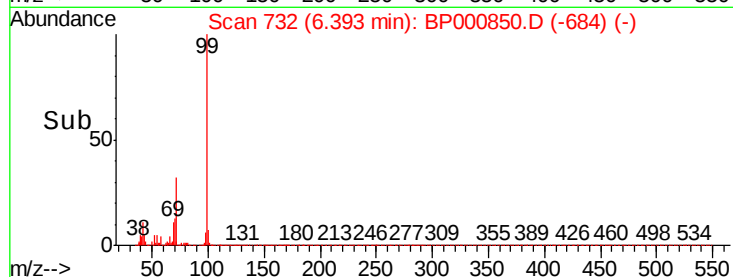
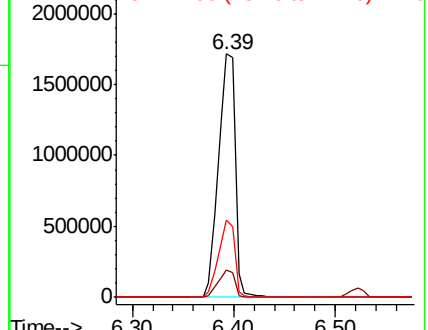
71 31.7 23.0 34.4



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: 3.789 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.21 min

Lab File: BP000850.D

Acq: 17 Oct 2019 21:25

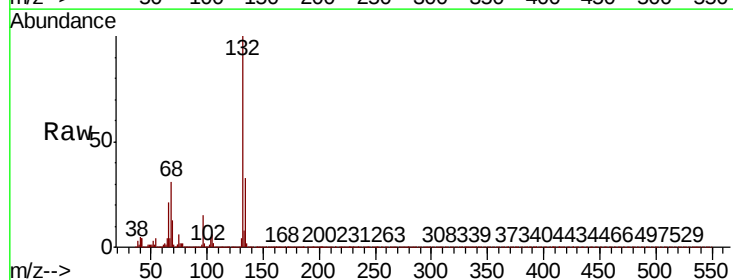
Tgt Ion: 77 Resp: 33387

Ion Ratio Lower Upper

77 100

105 95.7 88.3 128.3

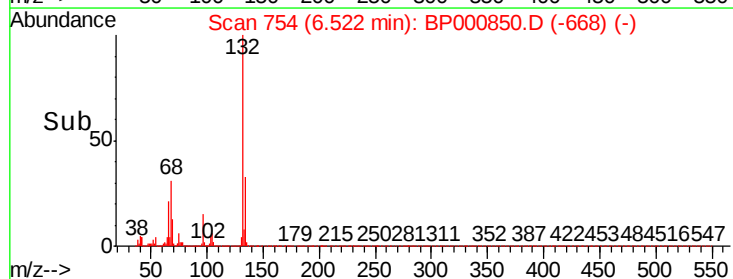
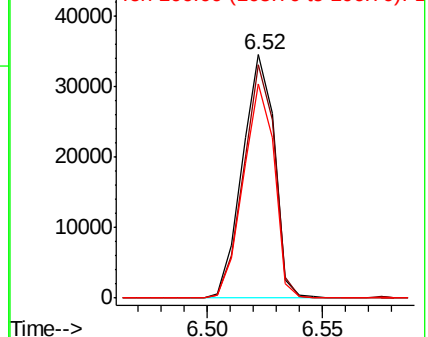
106 87.8 85.7 125.7

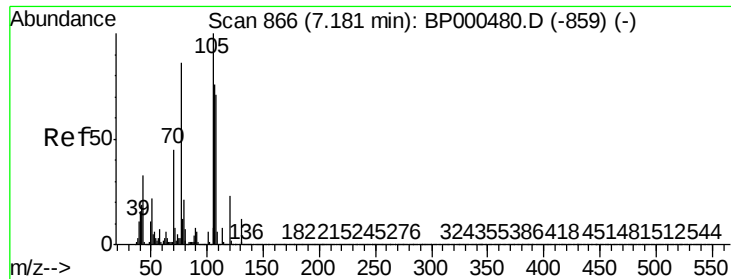


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

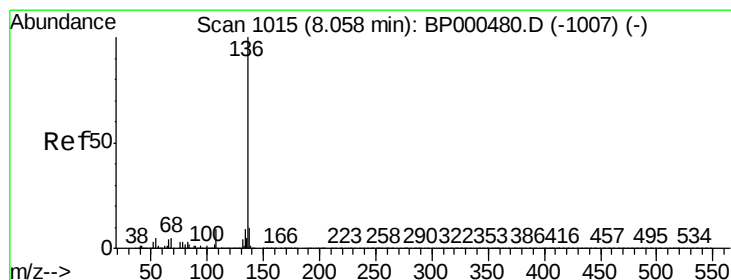
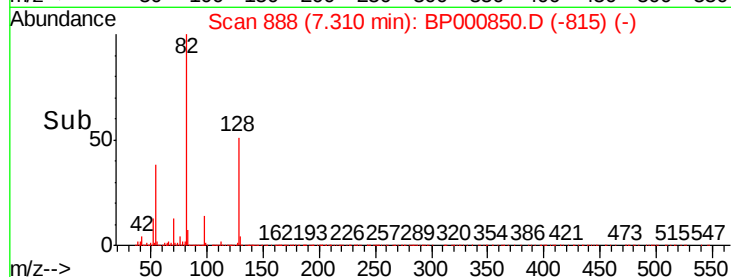
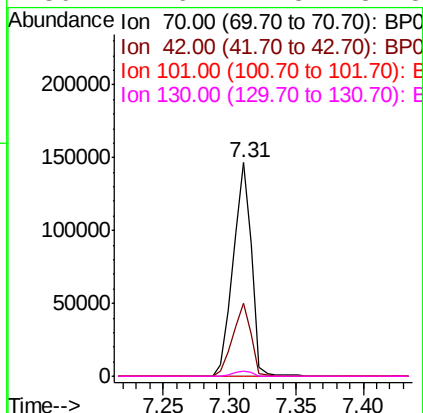
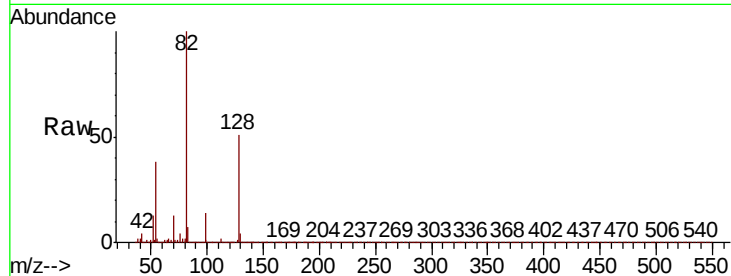




#19
n-Nitroso-di-n-propylamine
Concen: 18.145 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

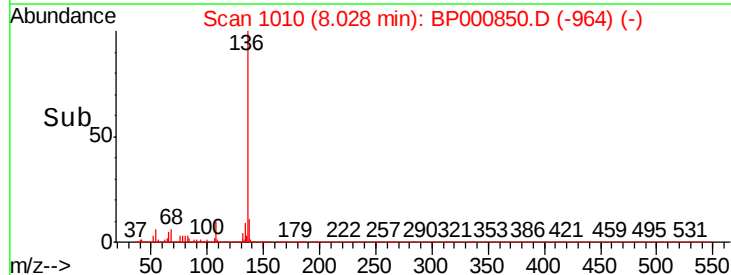
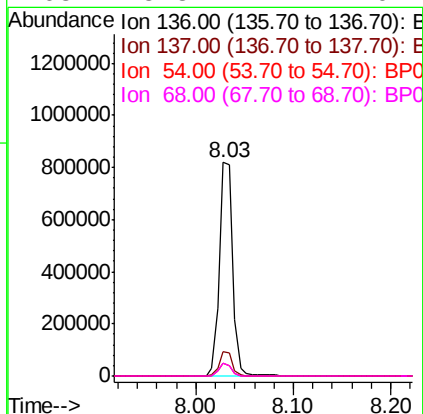
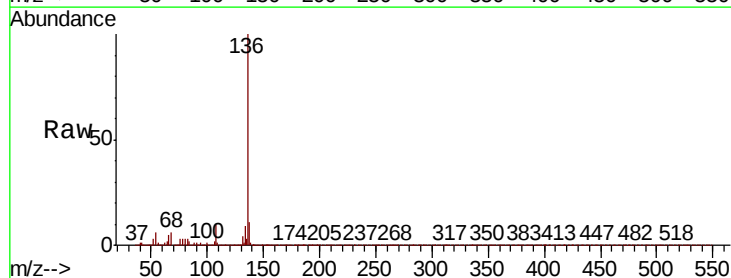
Instrument :
BNA_P
ClientSampleId :
PB124051BL

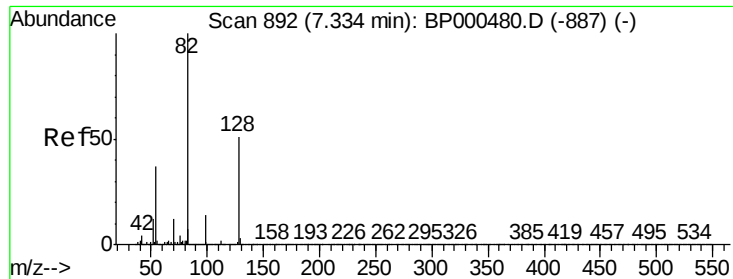
Tot Ion:	70	Resp:	141490
Ion	Ratio	Lower	Upper
70	100		
42	34.3	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Tgt Ion:	136	Resp:	780894
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.0	4.1	6.1
68	5.8	4.1	6.1

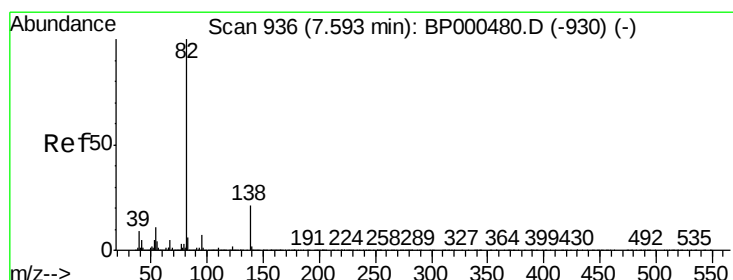
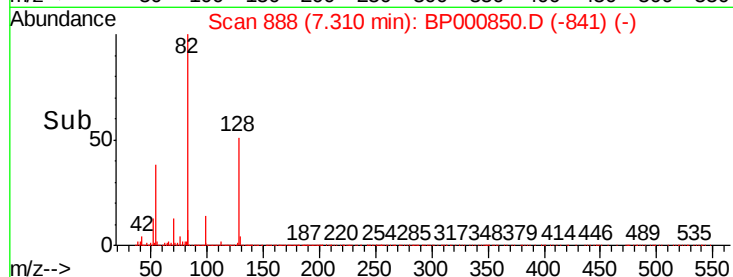
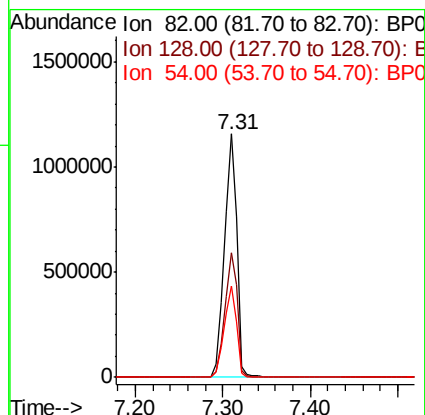
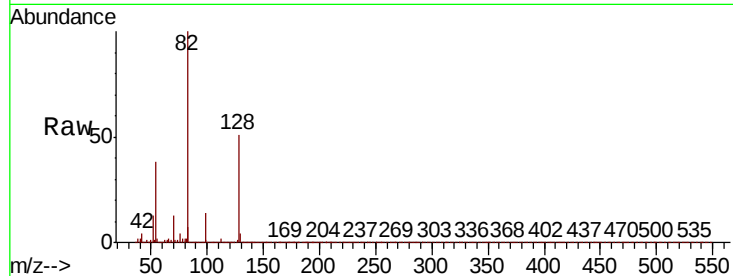




#23
Nitrobenzene-d5
Concen: 89.043 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

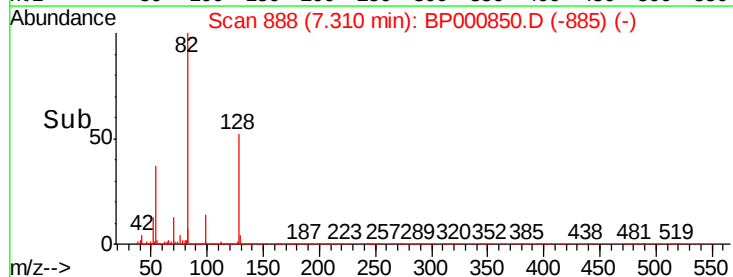
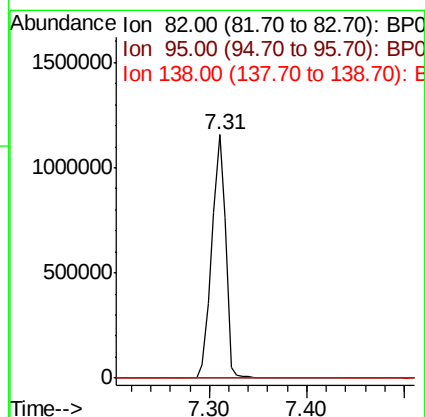
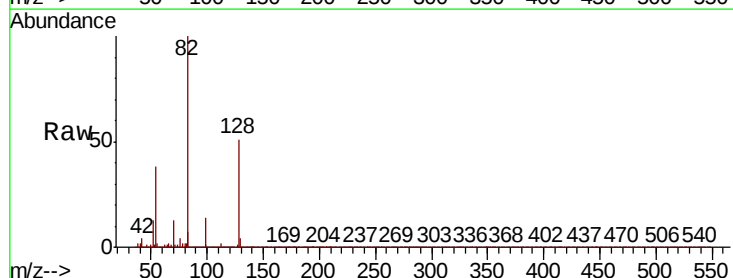
Instrument :
BNA_P
ClientSampleId :
PB124051BL

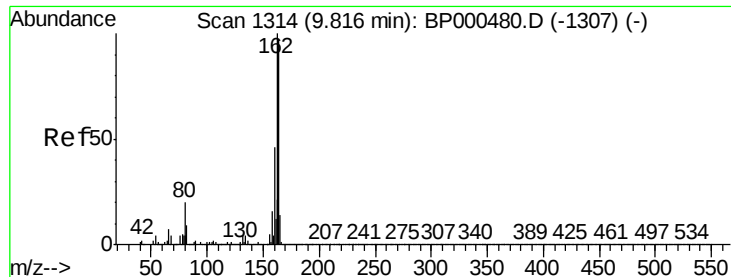
Tot Ion: 82 Resp: 1138476
Ion Ratio Lower Upper
82 100
128 51.3 40.9 61.3
54 37.6 29.4 44.2



#25
Isophorone
Concen: 50.151 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Tgt Ion: 82 Resp: 1138027
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

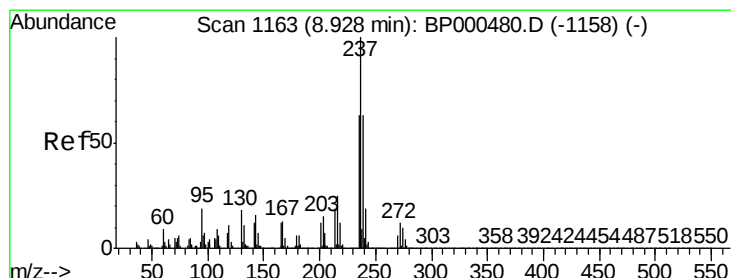
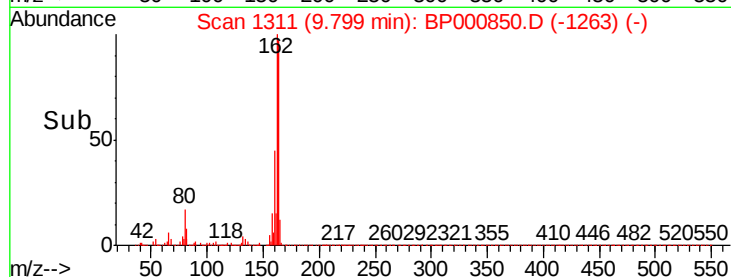
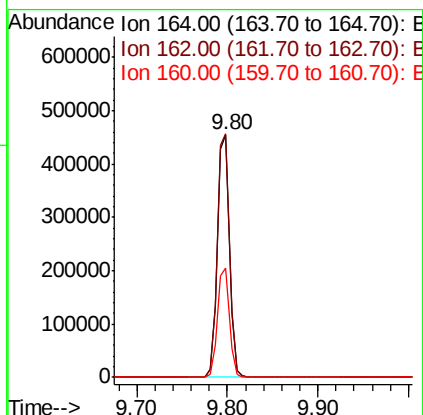
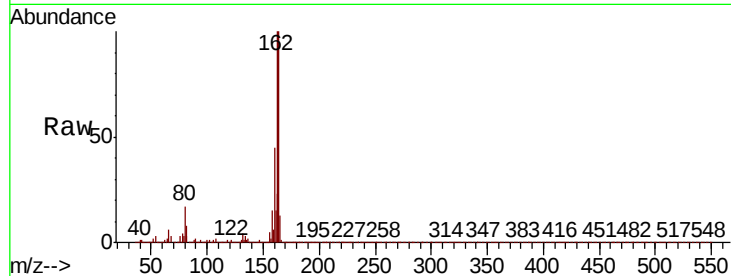




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

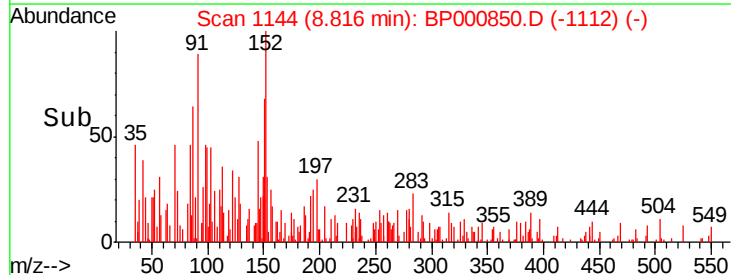
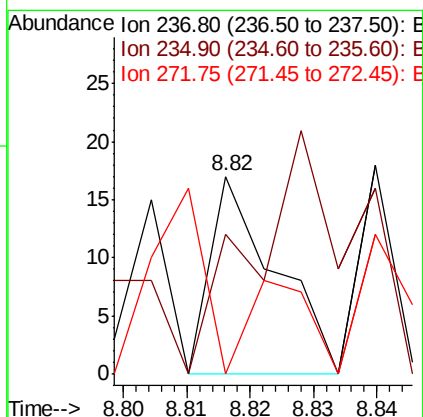
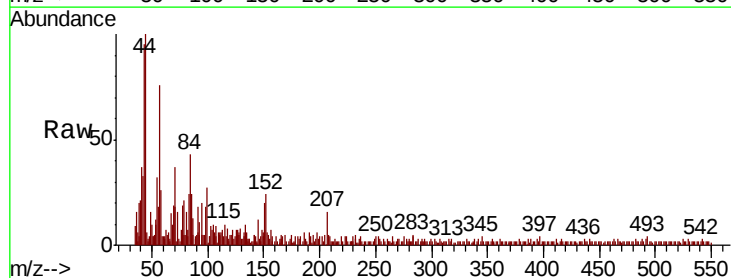
Instrument :
BNA_P
ClientSampleId :
PB124051BL

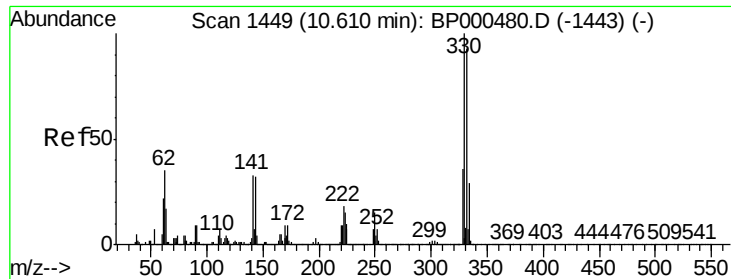
Tot Ion:164 Resp: 414781
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 44.9 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.11 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 70.6 42.9 82.9
272 0.0 0.0 32.4

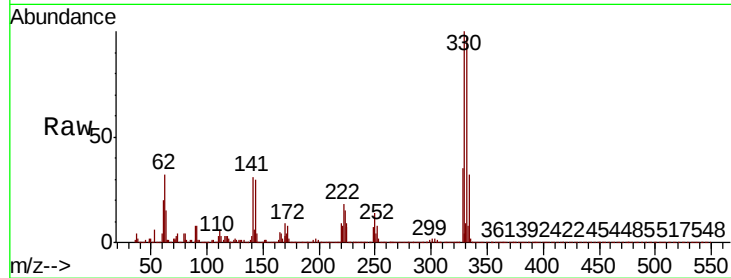




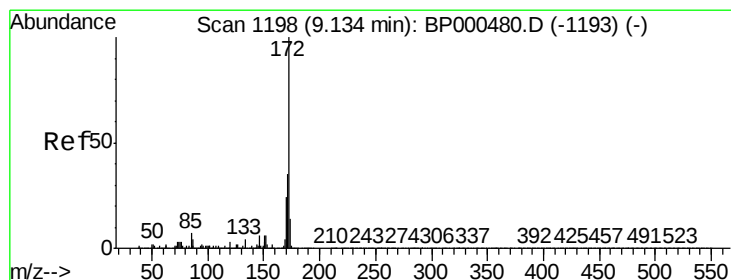
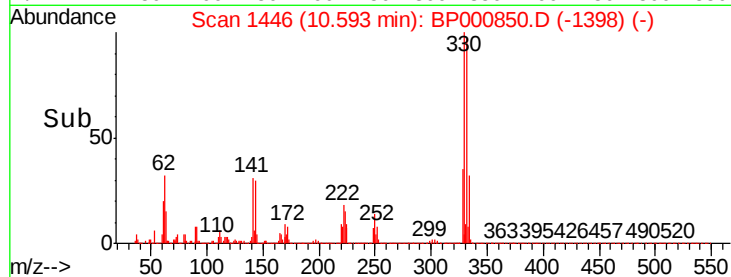
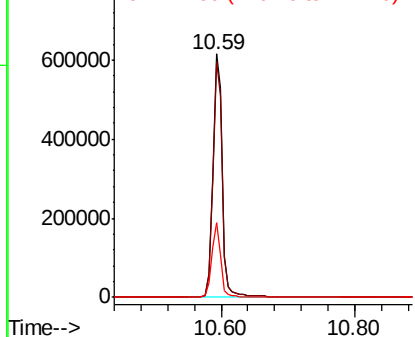
#42
2,4,6-Tribromophenol
Concen: 138.316 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Instrument :
BNA_P
ClientSampleId :
PB124051BL

Tot Ion:330 Resp: 611356
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.6 26.0 39.0

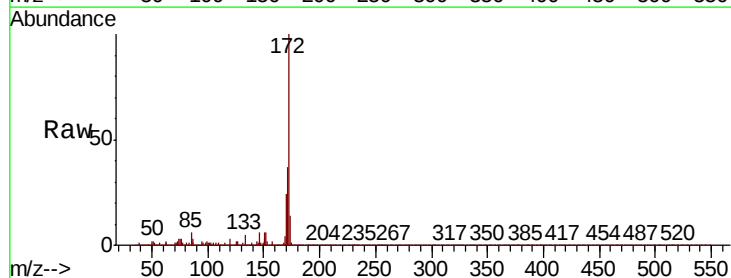


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

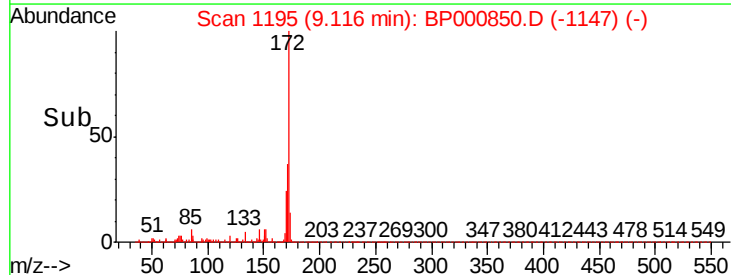
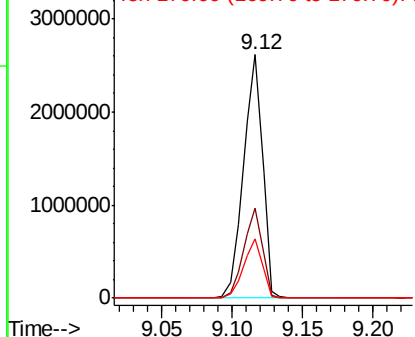


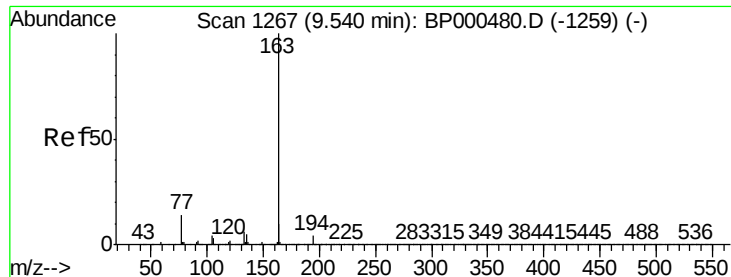
#45
2-Fluorobiphenyl
Concen: 96.026 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Tgt Ion:172 Resp: 2461665
Ion Ratio Lower Upper
172 100
171 37.0 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

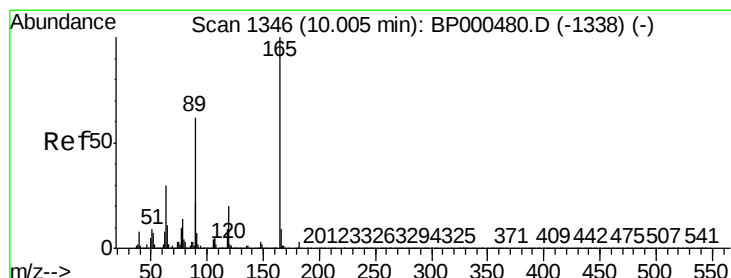
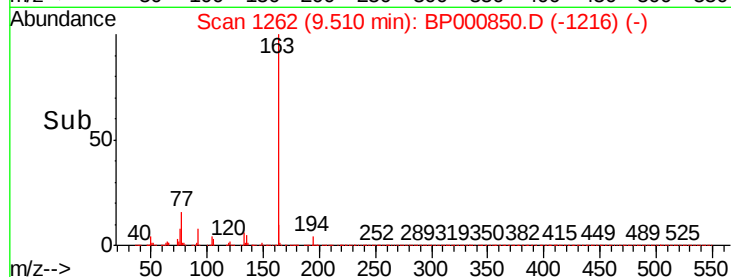
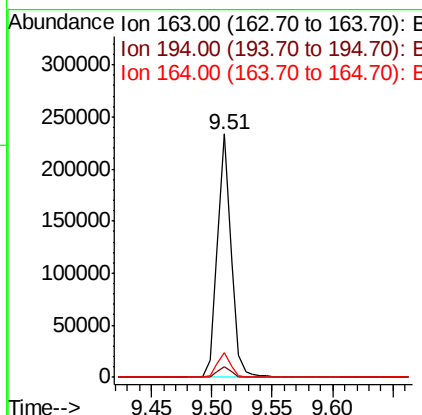
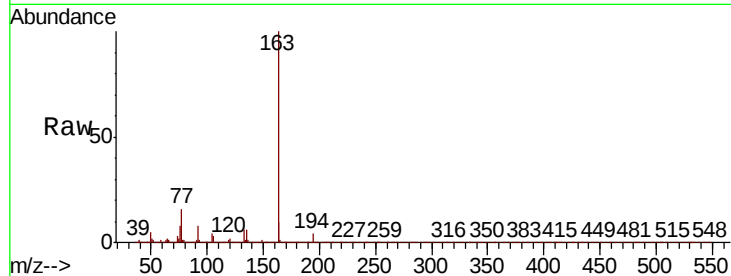




#50
Dimethylphthalate
Concen: 6.320 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

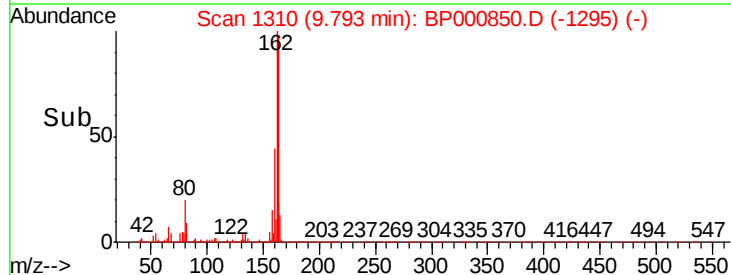
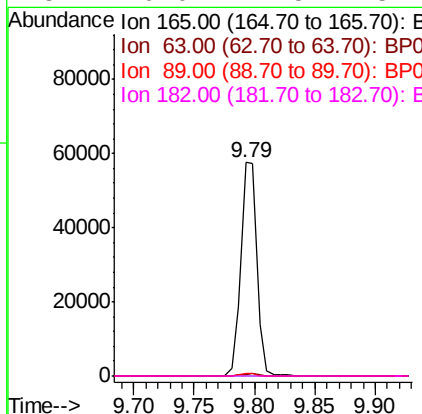
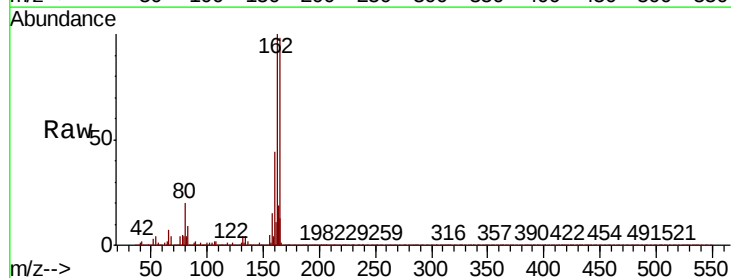
Instrument :
BNA_P
ClientSampleId :
PB124051BL

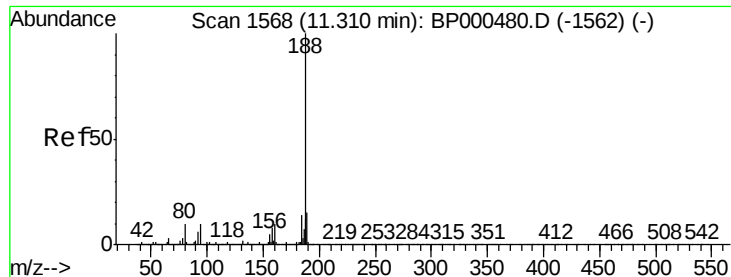
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.465 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	24.2	36.4#
89	1.2	49.4	74.0#
182	0.0	2.5	3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000850.D

Acq: 17 Oct 2019 21:25

Instrument :

BNA_P

ClientSampleId :

PB124051BL

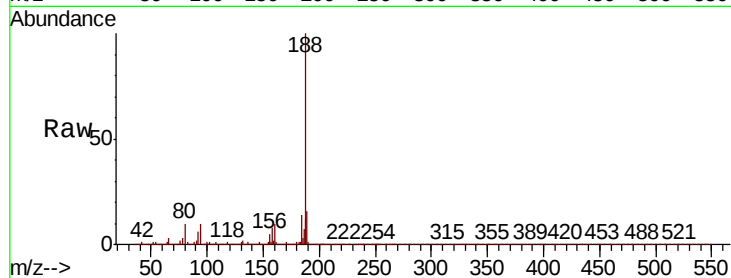
Tot Ion:188 Resp: 714205

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

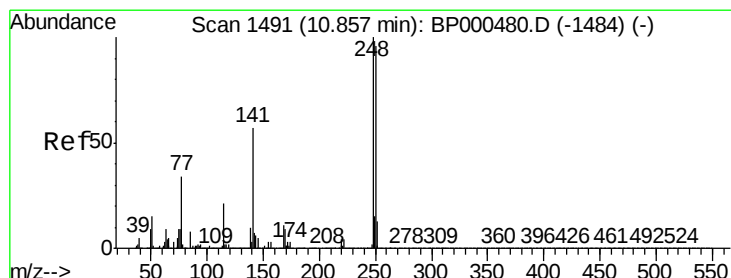
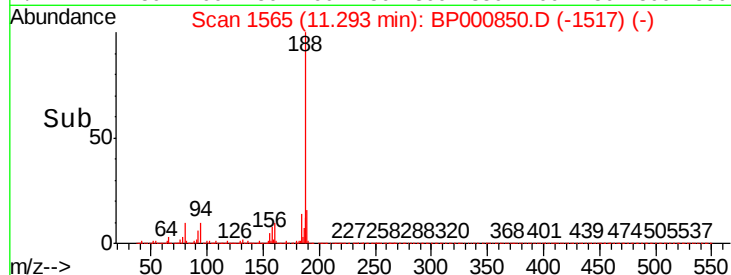
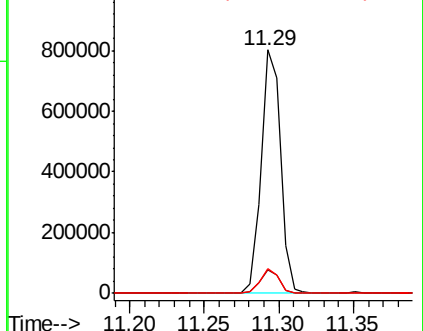
80 10.1 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#67

4-Bromophenyl-phenylether

Concen: 5.169 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000850.D

Acq: 17 Oct 2019 21:25

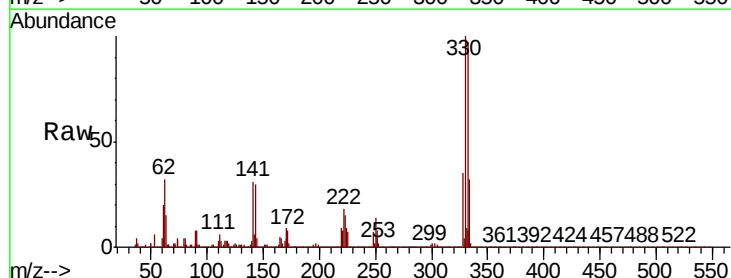
Tgt Ion:248 Resp: 41556

Ion Ratio Lower Upper

248 100

250 200.3 77.2 115.8#

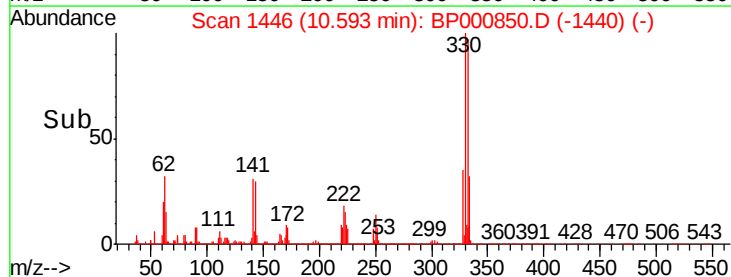
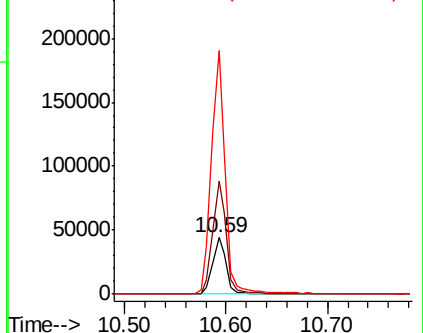
141 431.4 45.3 67.9#

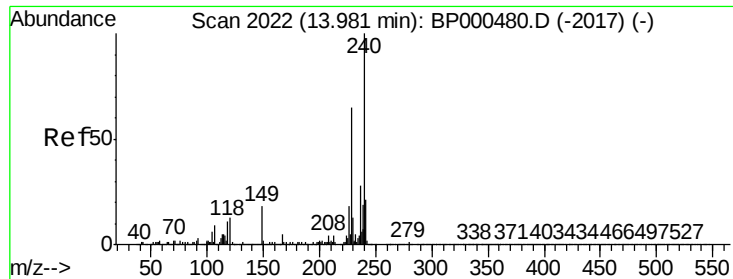


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

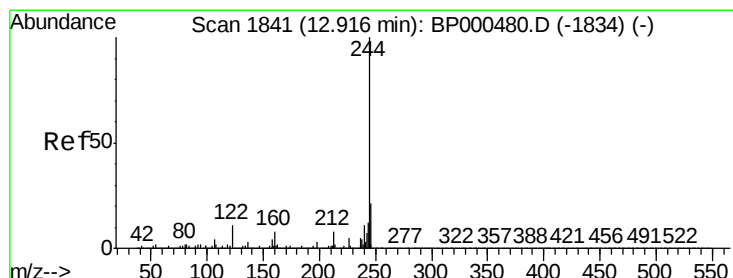
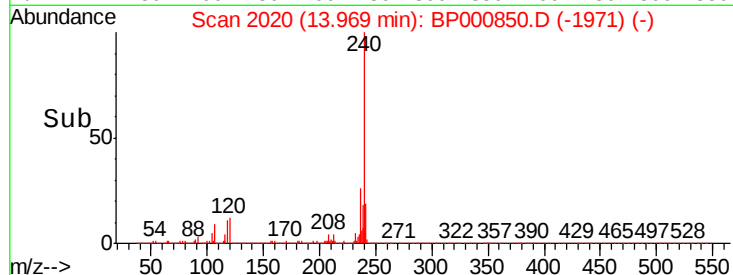
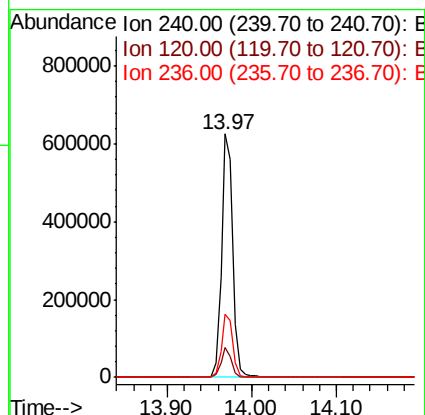
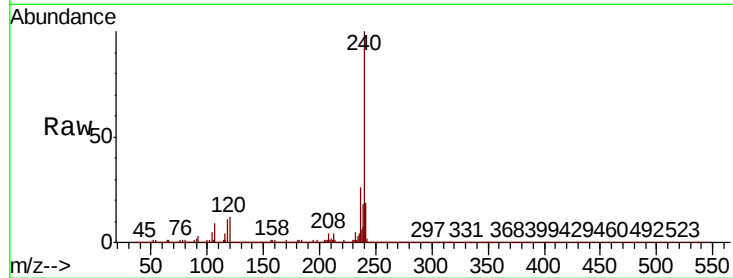




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BP000850.D
 Acq: 17 Oct 2019 21:25

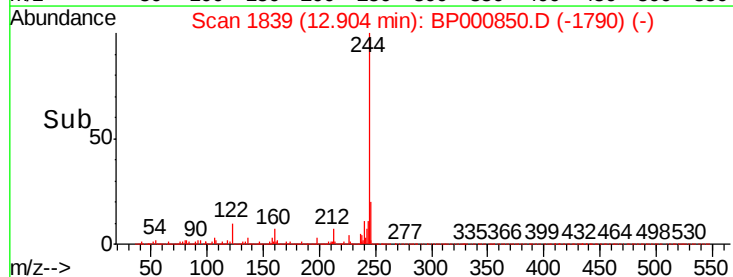
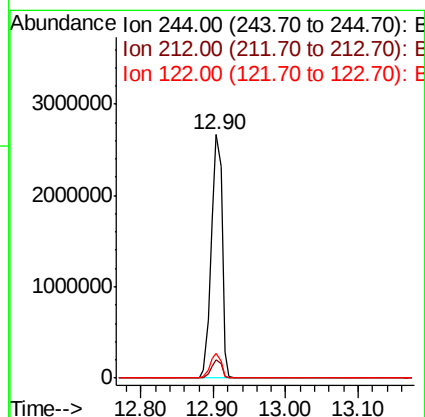
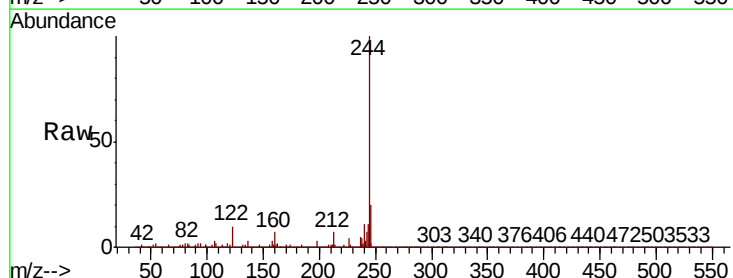
Instrument :
 BNA_P
 ClientSampleId :
 PB124051BL

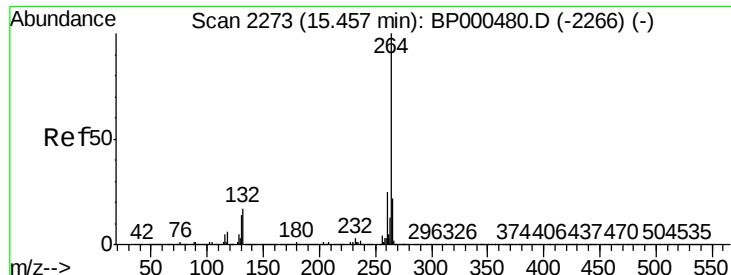
Tot Ion:240 Resp: 587065
 Ion Ratio Lower Upper
 240 100
 120 12.0 10.1 15.1
 236 26.2 22.7 34.1



#79
 Terphenyl-d14
 Concen: 94.947 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000850.D
 Acq: 17 Oct 2019 21:25

Tgt Ion:244 Resp: 2752970
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.3 8.9 13.3

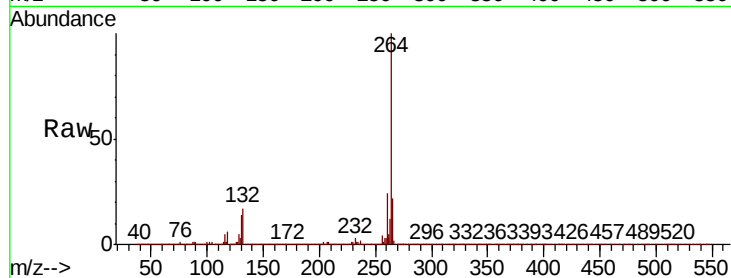




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000850.D
Acq: 17 Oct 2019 21:25

Instrument :
BNA_P
ClientSampleId :
PB124051BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	22.1	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

