

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000851.D
 Acq On : 17 Oct 2019 21:50
 Operator : JU
 Sample : PB123970BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123970BL

Quant Time: Oct 18 06:10:11 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

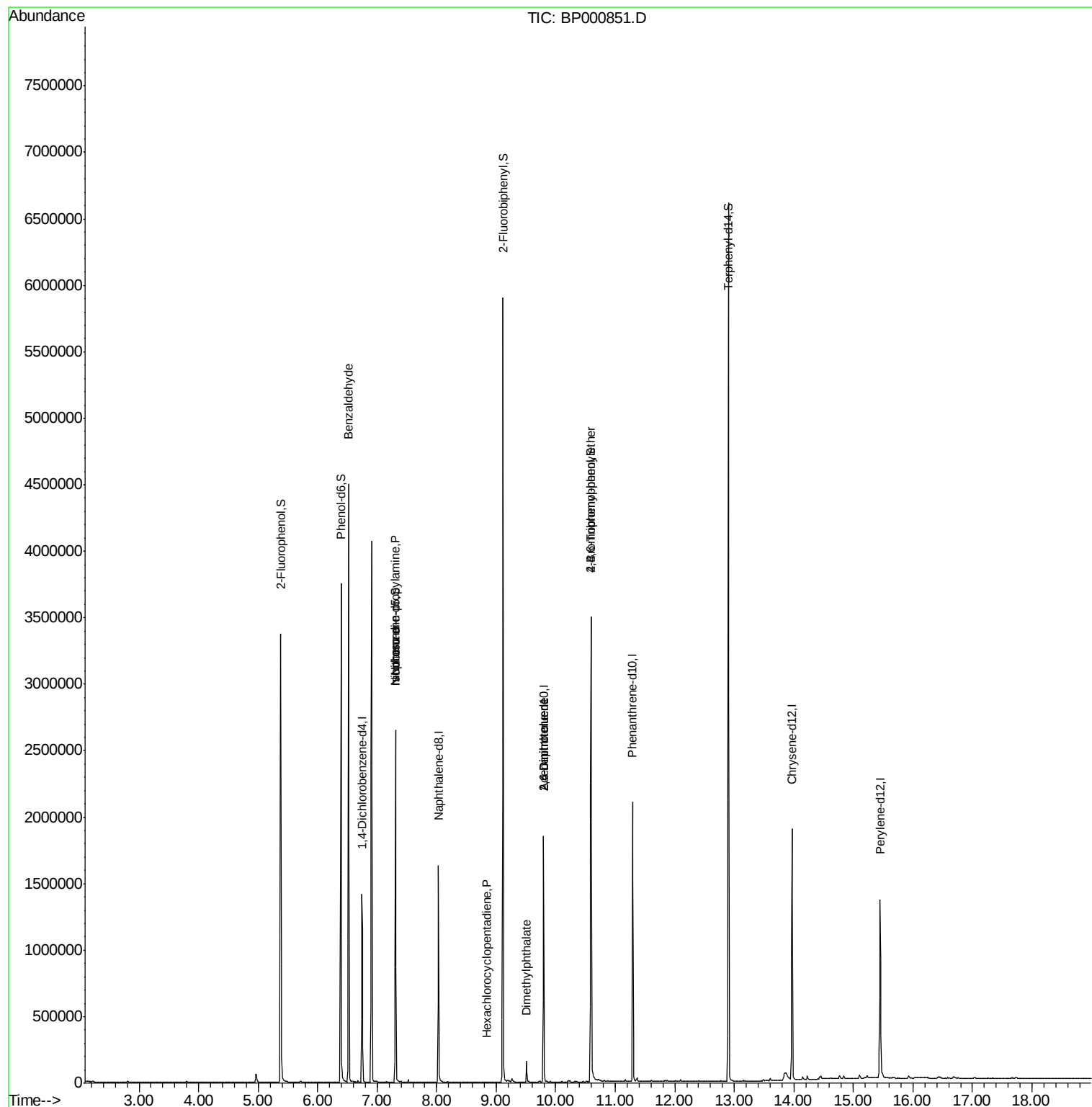
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	223161	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	791274	20.00	ng	-0.03
39) Acenaphthene-d10	9.79	164	418965	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	723927	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	594516	20.00	ng	-0.01
87) Perylene-d12	15.45	264	631630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1217225	87.68	ng	-0.01
7) Phenol-d6	6.39	99	1510026	90.26	ng	-0.02
23) Nitrobenzene-d5	7.31	82	864901	66.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	469484	105.16	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1956933	75.57	ng	-0.02
79) Terphenyl-d14	12.90	244	2340005	79.69	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	25164	2.888	ng	85
19) n-Nitroso-di-n-propylamine	7.31	70	107108	13.890	ng	# 72
25) Isophorone	7.31	82	864760	37.609	ng	# 61
41) Hexachlorocyclopentadiene	8.84	237	9	7.299	ng	94
50) Dimethylphthalate	9.51	163	66893	2.298	ng	99
51) 2,6-Dinitrotoluene	9.79	165	54438	8.575	ng	# 35
57) 2,4-Dinitrotoluene	9.79	165	54545	6.480	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	32405	3.977	ng	# 1

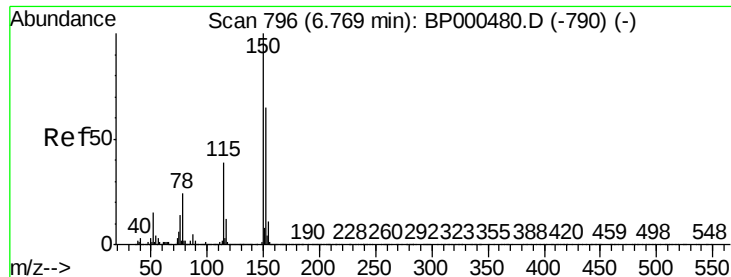
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 01 18:03:42 2019
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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: BP000851.D

Acq: 17 Oct 2019 21:50

Instrument :

BNA_P

ClientSampleId :

PB123970BL

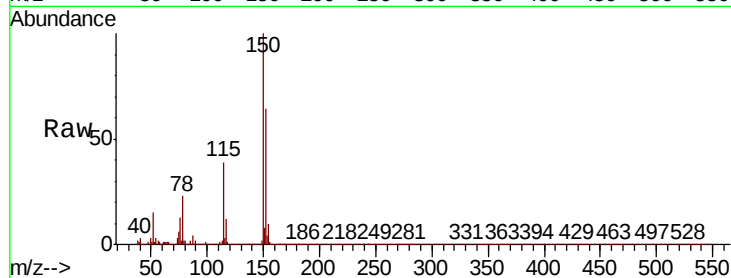
Tot Ion:152 Resp: 223161

Ion Ratio Lower Upper

152 100

150 157.4 124.1 186.1

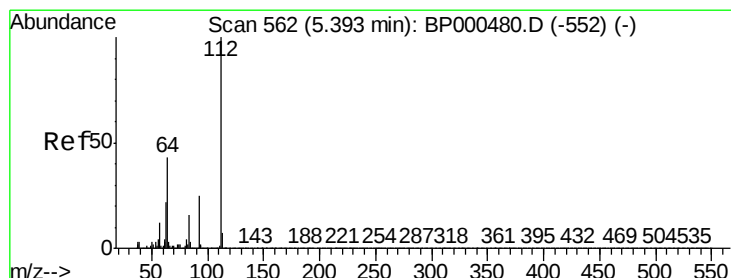
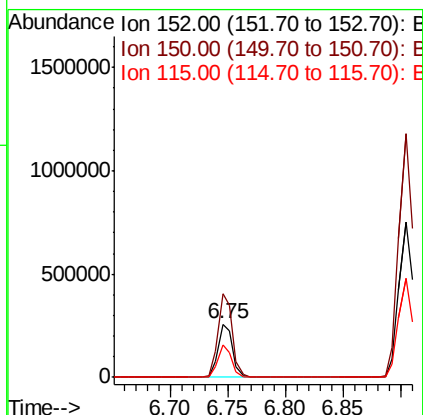
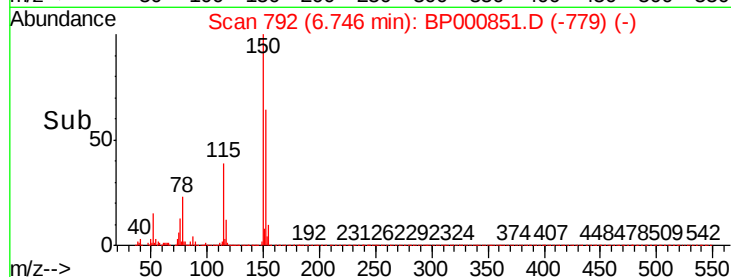
115 60.7 48.7 73.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 87.678 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000851.D

Acq: 17 Oct 2019 21:50

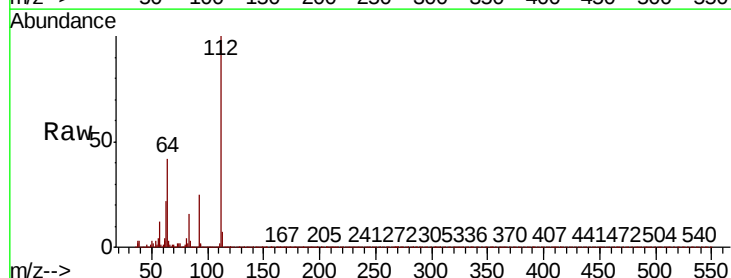
Tgt Ion:112 Resp: 1217225

Ion Ratio Lower Upper

112 100

64 41.7 34.2 51.4

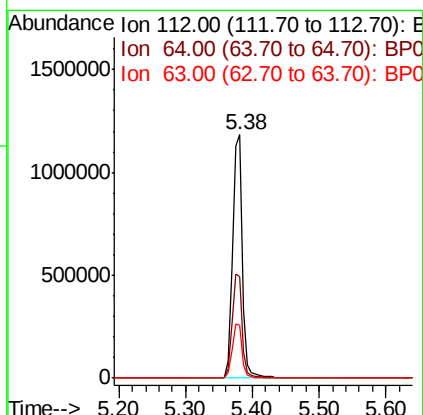
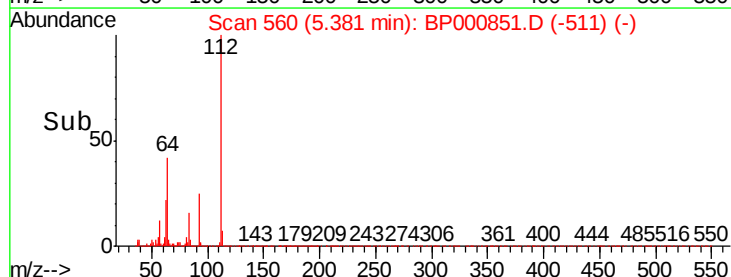
63 21.7 17.9 26.9

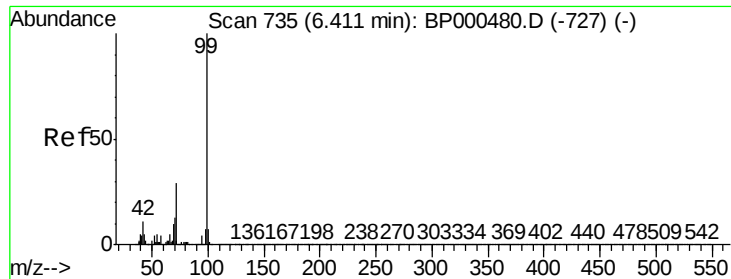


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 90.261 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000851.D

Acq: 17 Oct 2019 21:50

Instrument :

BNA_P

ClientSampleId :

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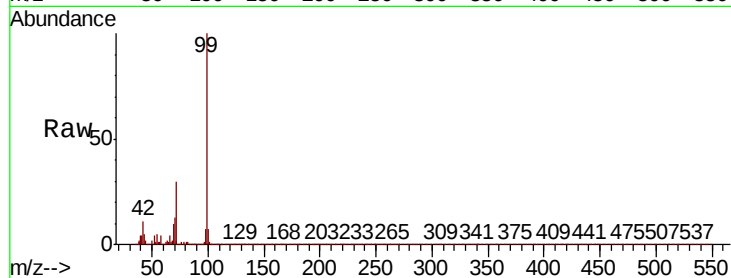
Tot Ion: 99 Resp: 1510026

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

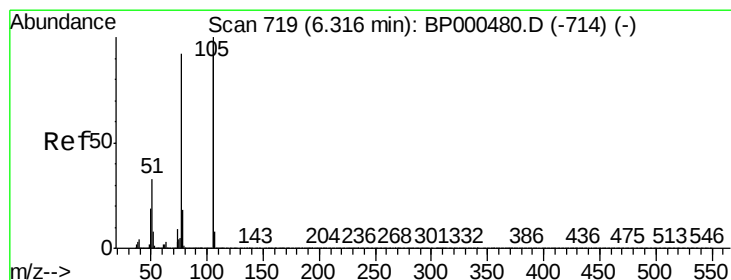
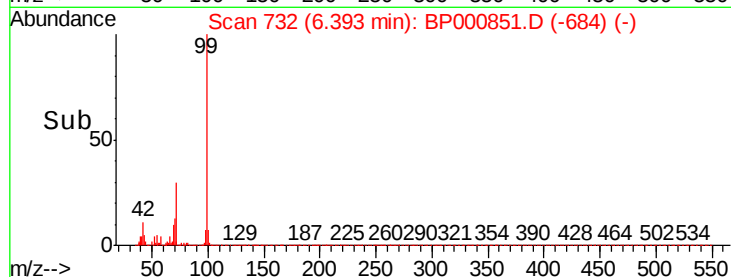
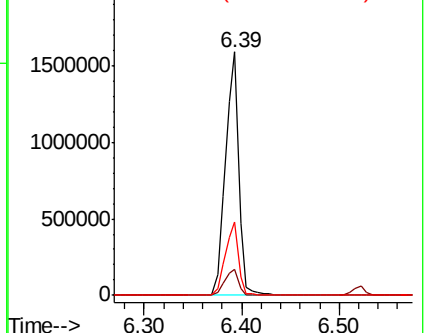
71 30.2 23.0 34.4



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: 2.888 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.21 min

Lab File: BP000851.D

Acq: 17 Oct 2019 21:50

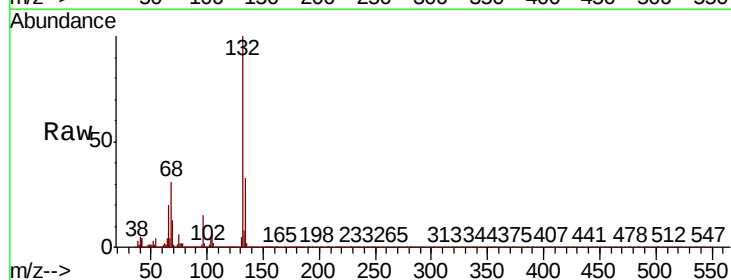
Tgt Ion: 77 Resp: 25164

Ion Ratio Lower Upper

77 100

105 94.7 88.3 128.3

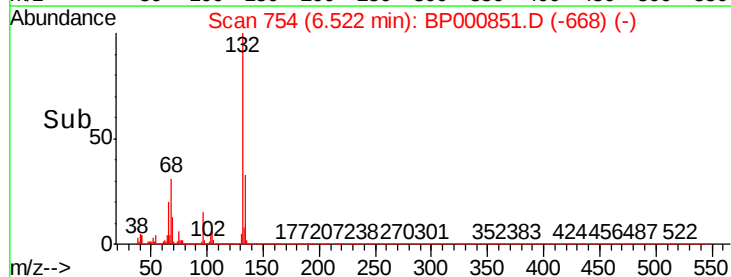
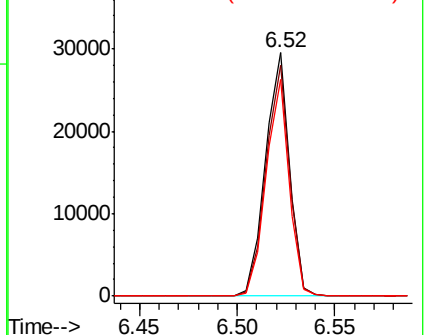
106 89.0 85.7 125.7

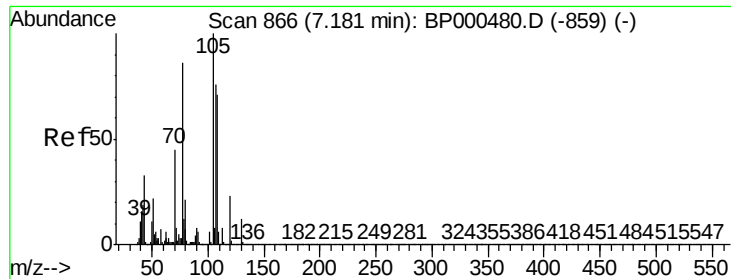


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

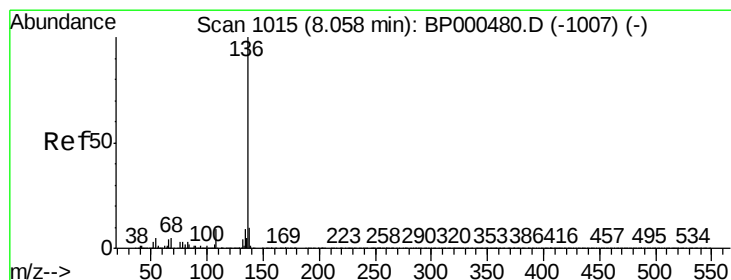
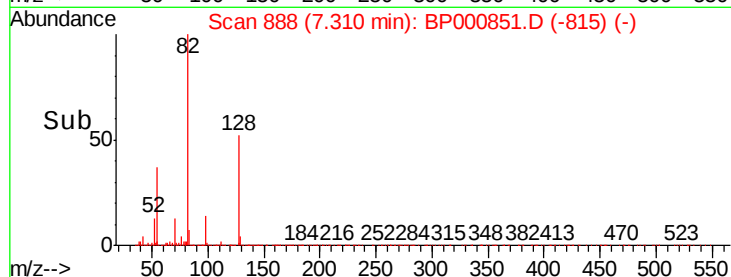
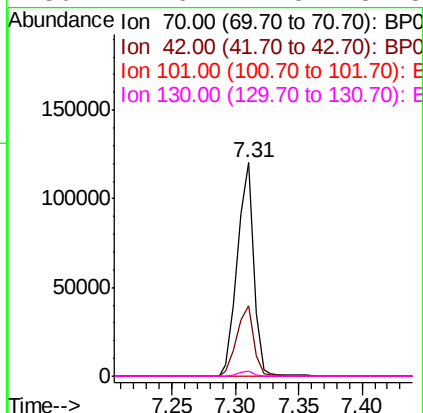
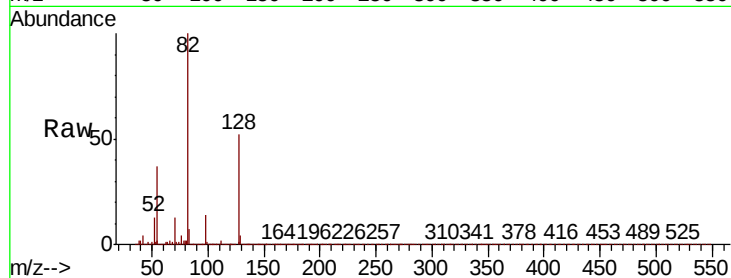




#19
n-Nitroso-di-n-propylamine
Concen: 13.890 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

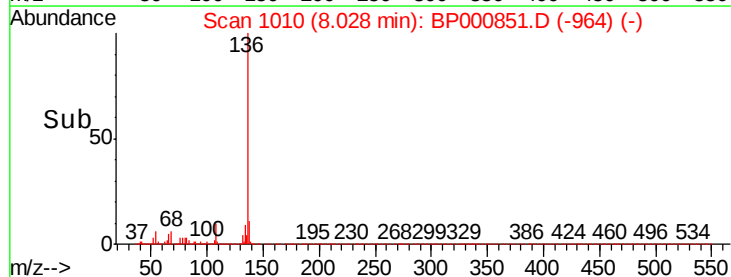
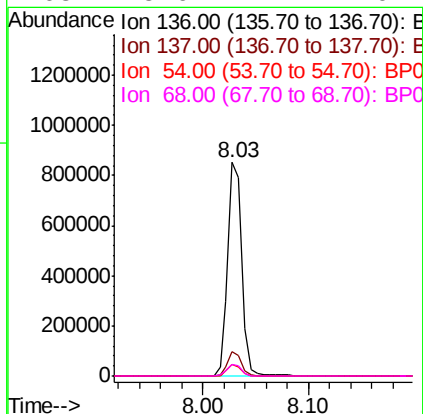
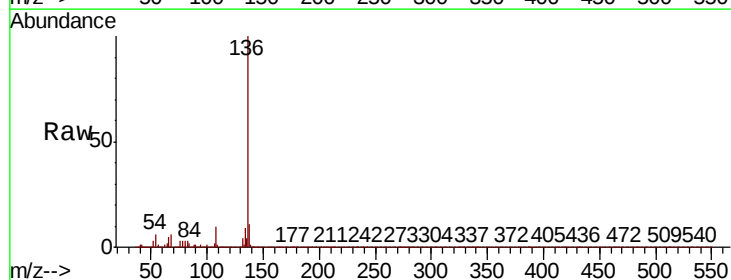
Instrument :
BNA_P
ClientSampleId :
PB123970BL

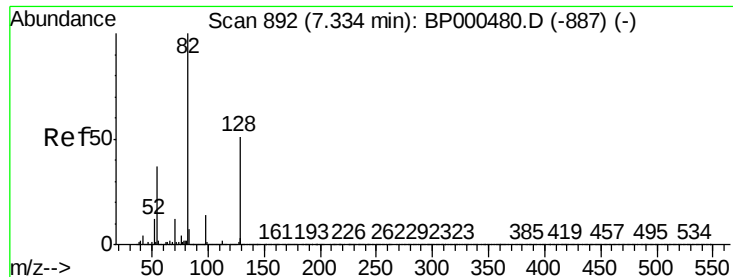
Tot Ion:	70	Resp:	107108
Ion	Ratio	Lower	Upper
70	100		
42	33.1	33.2	49.8#
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

Tgt Ion:	136	Resp:	791274
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.7	4.1	6.1
68	5.6	4.1	6.1

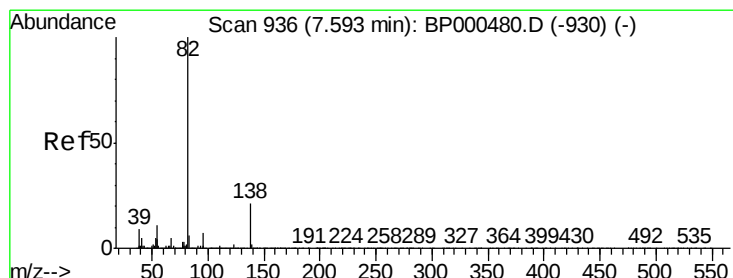
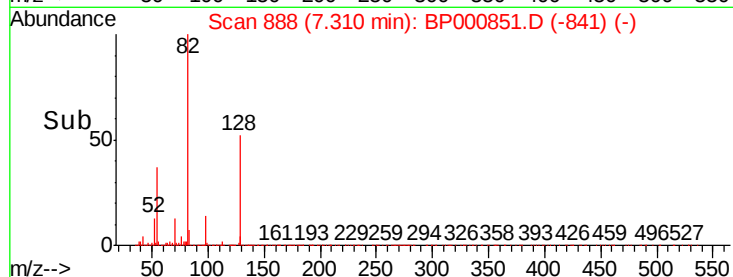
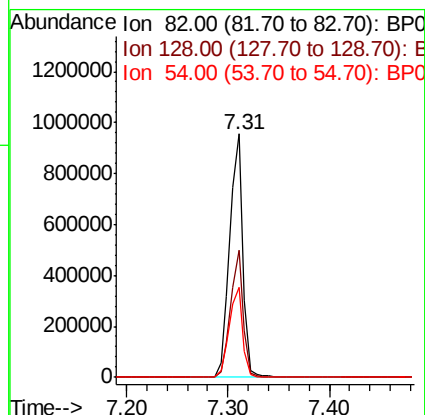
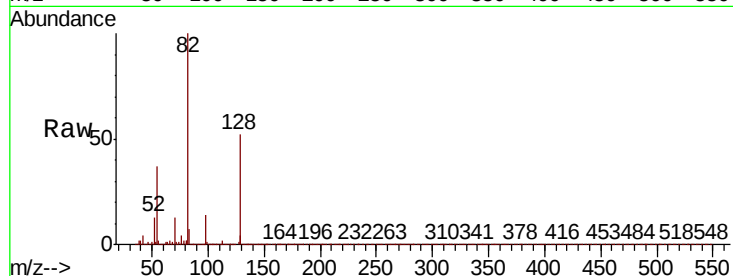




#23
Nitrobenzene-d5
Concen: 66.758 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

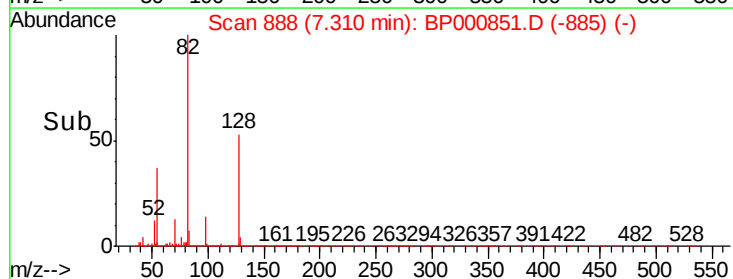
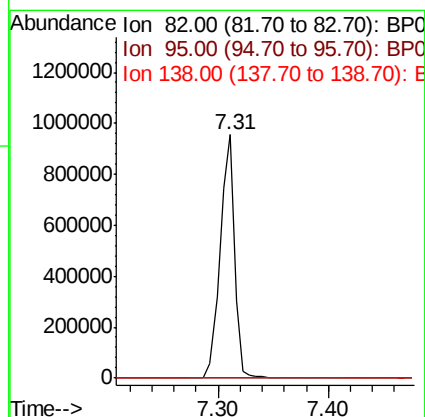
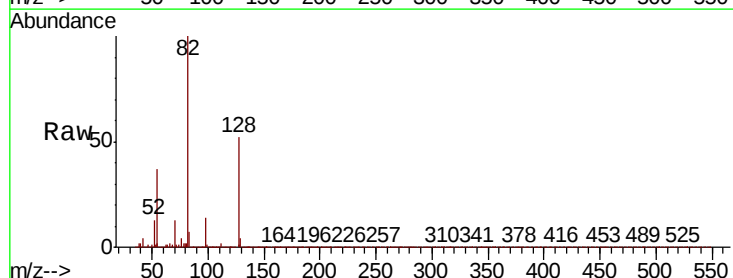
Instrument :
BNA_P
ClientSampleId :
PB123970BL

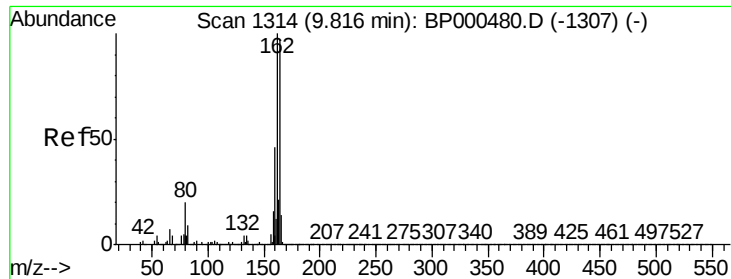
Tot Ion	82	Resp	864901
Ion Ratio	Lower	Upper	
82	100		
128	52.0	40.9	61.3
54	37.0	29.4	44.2



#25
Isophorone
Concen: 37.609 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

Tgt Ion	82	Resp	864760
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: BP000851.D

Acq: 17 Oct 2019 21:50

Instrument :

BNA_P

ClientSampleId :

PB123970BL

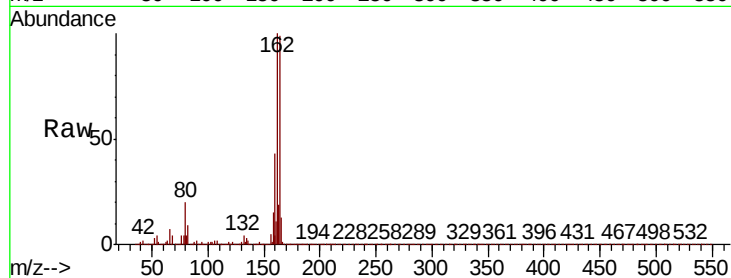
Tot Ion:164 Resp: 418965

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

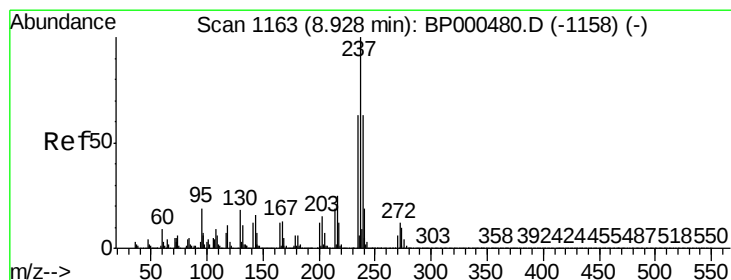
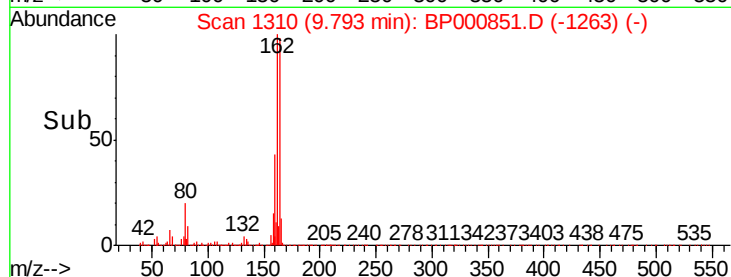
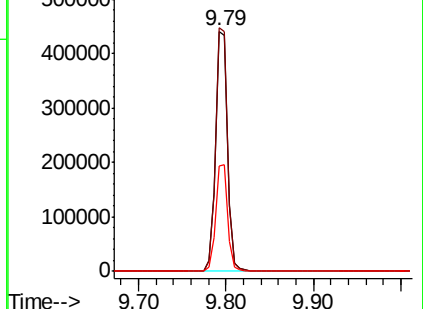
160 44.0 37.6 56.4



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: 7.299 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.09 min

Lab File: BP000851.D

Acq: 17 Oct 2019 21:50

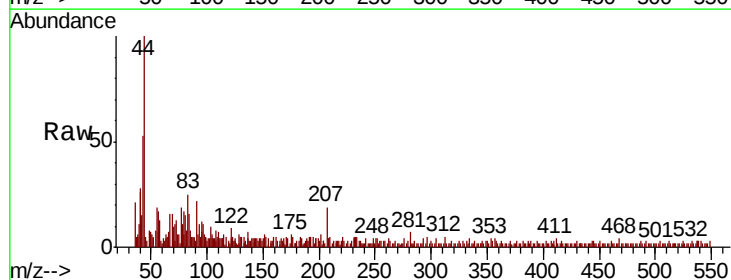
Tgt Ion:237 Resp: 9

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

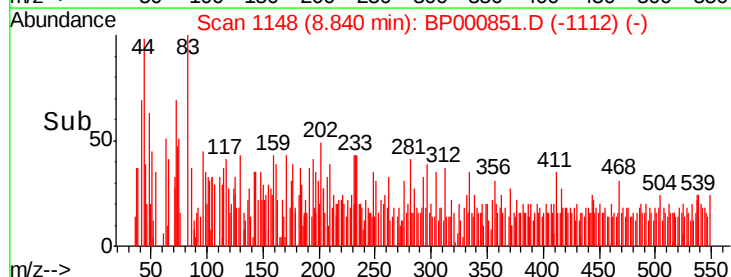
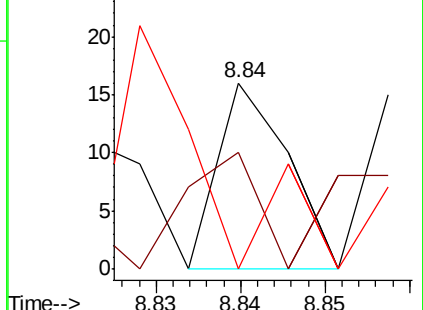
272 0.0 0.0 32.4

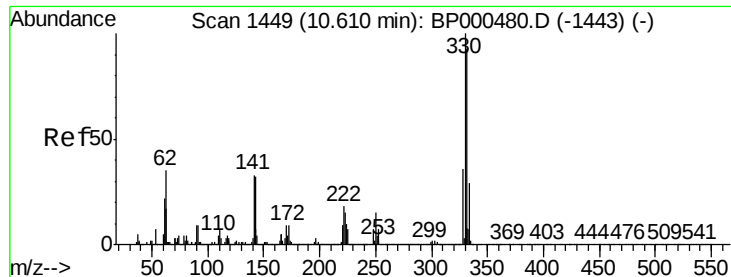


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

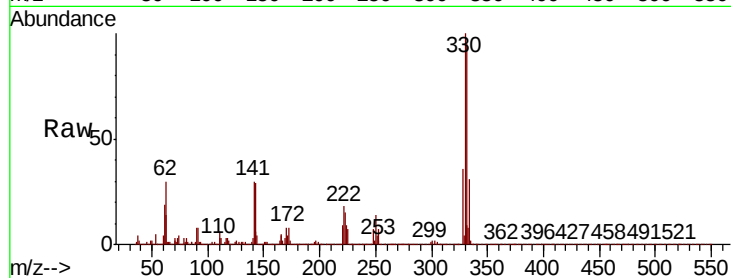




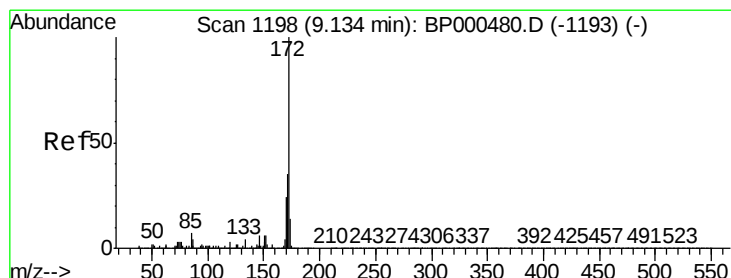
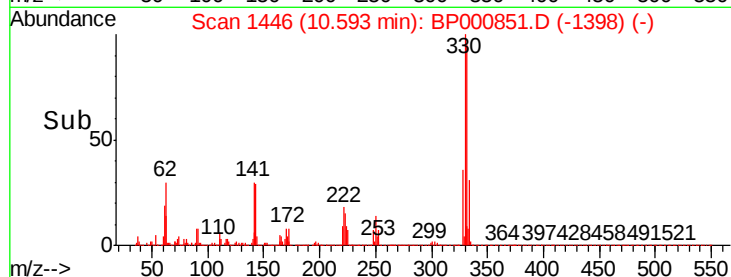
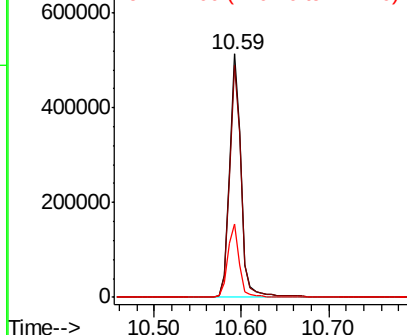
#42
2,4,6-Tribromophenol
Concen: 105.158 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

Instrument :
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Tot Ion:330 Resp: 469484
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 30.6 26.0 39.0

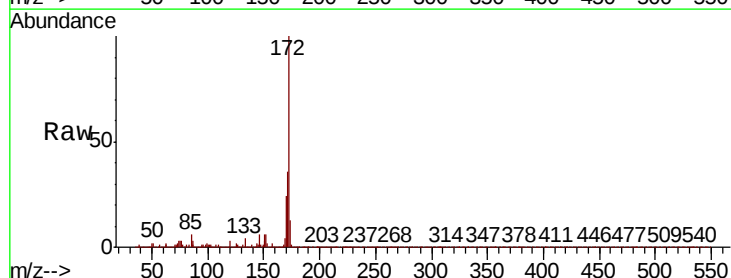


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

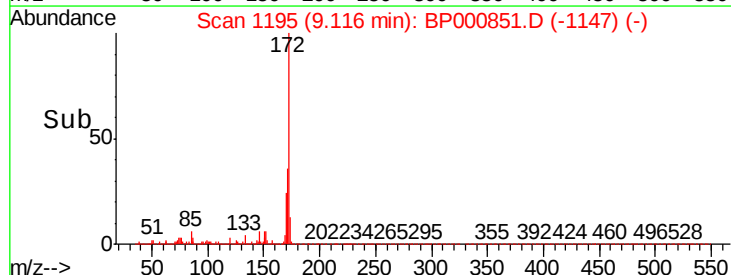
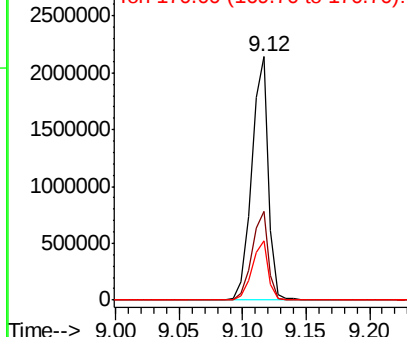


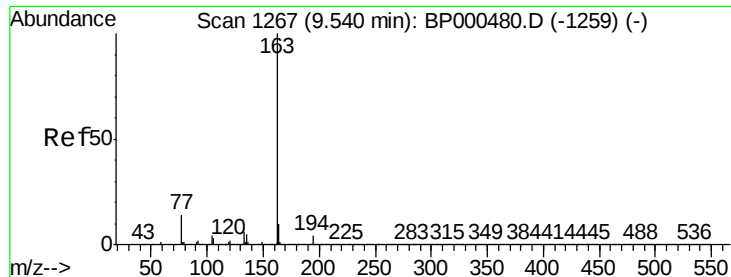
#45
2-Fluorobiphenyl
Concen: 75.575 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

Tgt Ion:172 Resp: 1956933
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.1 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

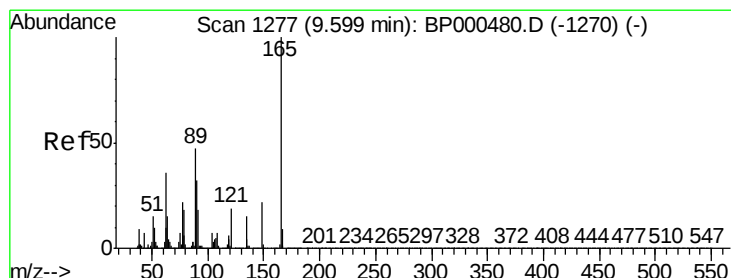
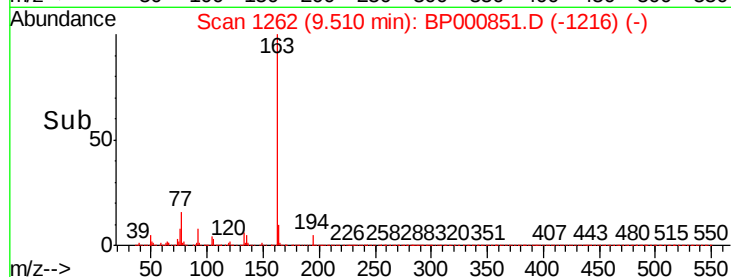
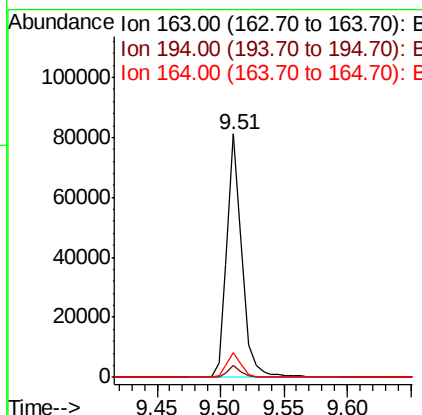
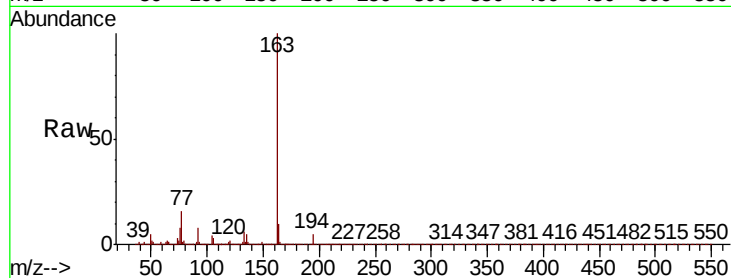




#50
Dimethylphthalate
Concen: 2.298 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

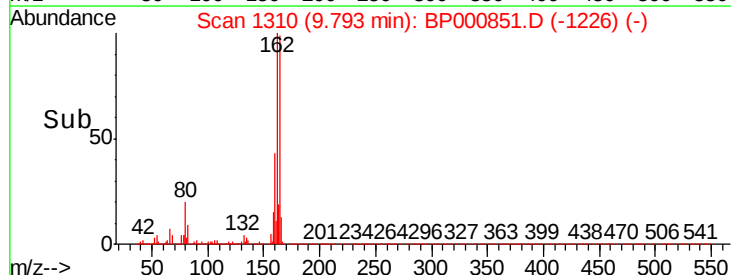
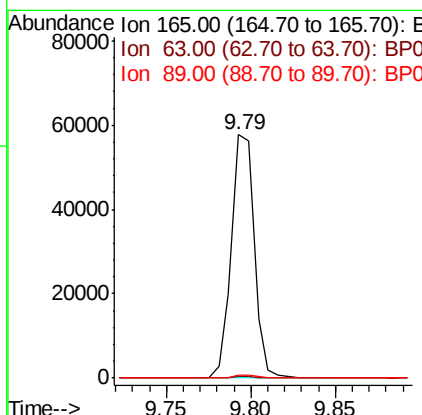
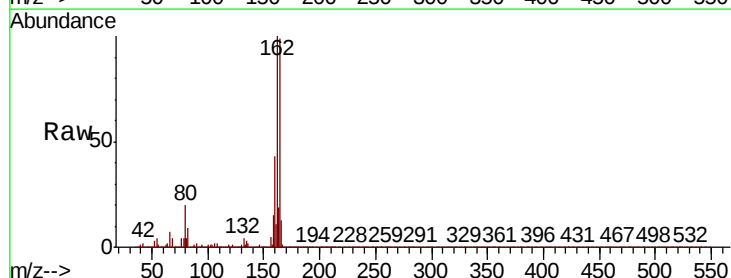
Instrument :
BNA_P
ClientSampleID :
PB123970BL

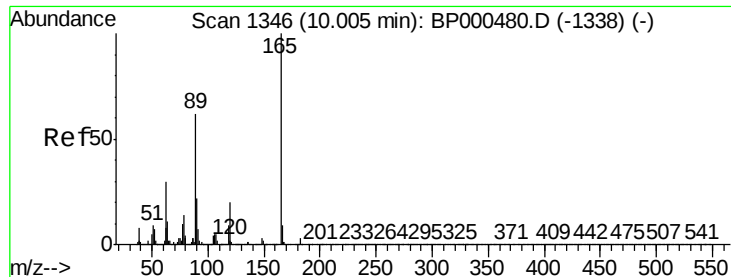
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.2	8.0	12.0



#51
2,6-Dinitrotoluene
Concen: 8.575 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.19 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.9	44.9#
89	1.4	37.3	55.9#

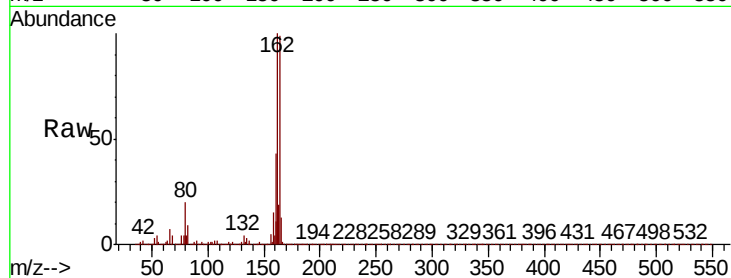




#57
2,4-Dinitrotoluene
Concen: 6.480 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

Instrument :
BNA_P
ClientSampleId :
PB123970BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.4	49.4	74.0#
182	0.0	2.5	3.7#



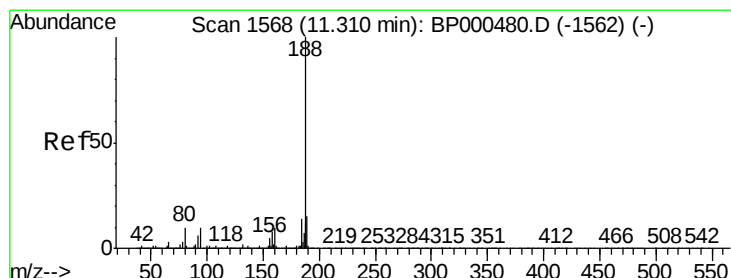
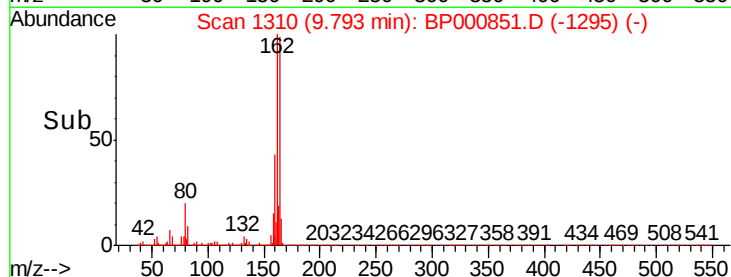
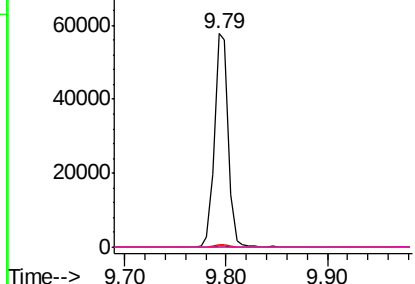
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

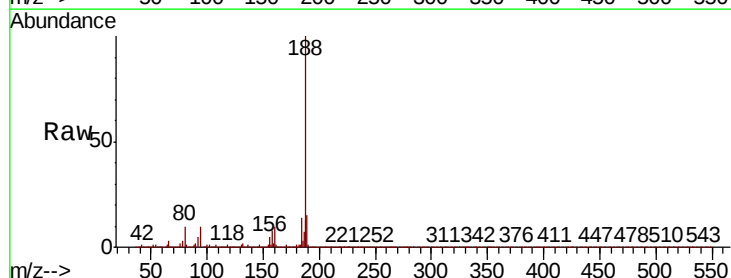
Ion 89.00 (88.70 to 89.70): BP0

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: BP000851.D
Acq: 17 Oct 2019 21:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	9.9	8.3	12.5

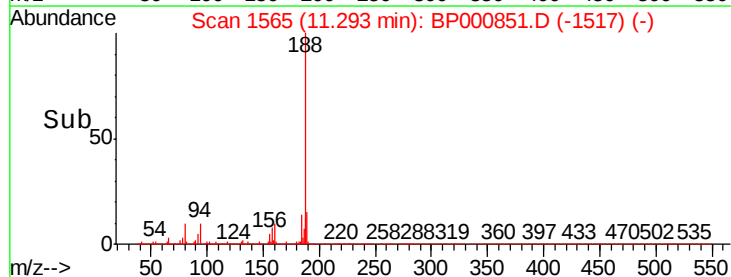
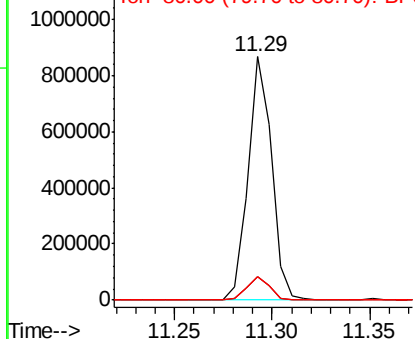


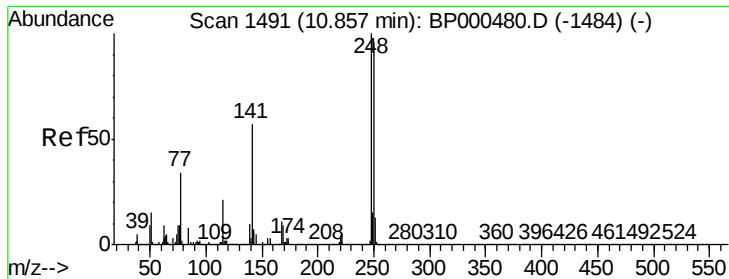
Abundance

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

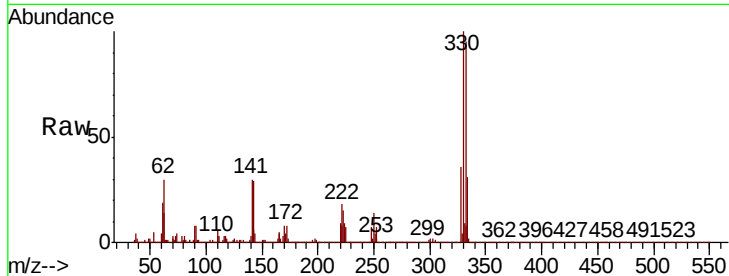




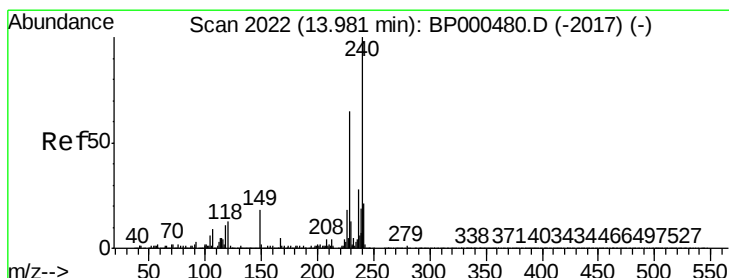
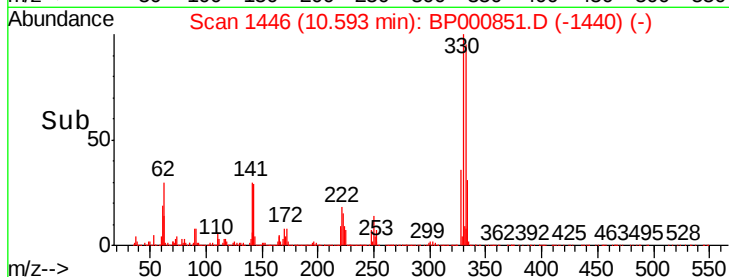
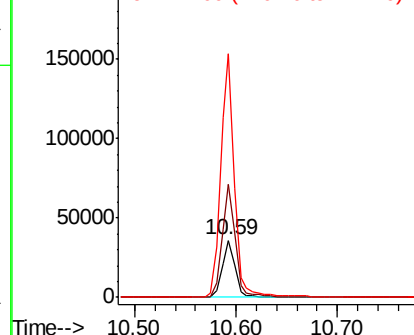
#67
4-Bromophenyl-phenylether
Concen: 3.977 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

Instrument :
BNA_P
ClientSampleId :
PB123970BL

Tot Ion:248 Resp: 32405
Ion Ratio Lower Upper
248 100
250 197.7 77.2 115.8#
141 426.2 45.3 67.9#

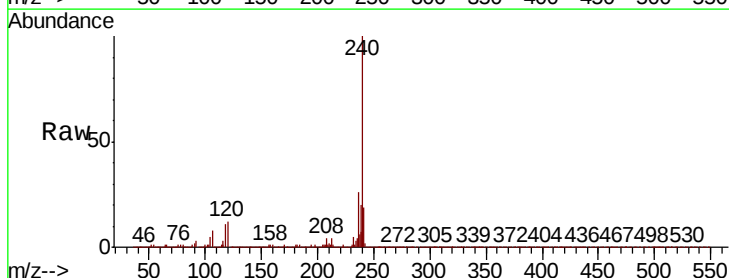


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

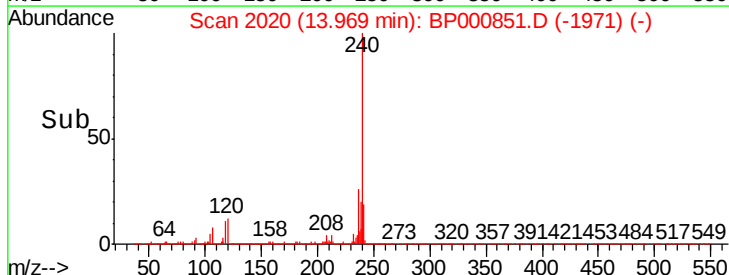
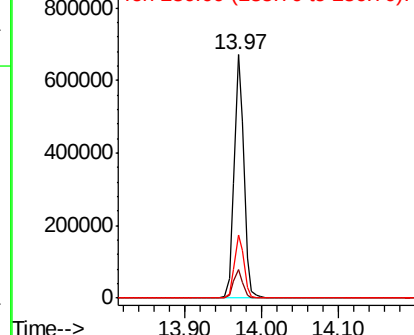


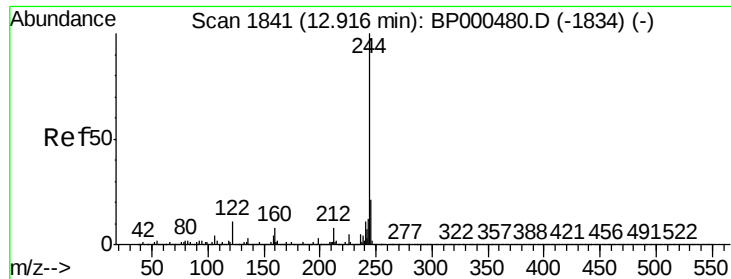
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000851.D
Acq: 17 Oct 2019 21:50

Tgt Ion:240 Resp: 594516
Ion Ratio Lower Upper
240 100
120 11.6 10.1 15.1
236 26.0 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.693 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000851.D

Acq: 17 Oct 2019 21:50

Instrument :

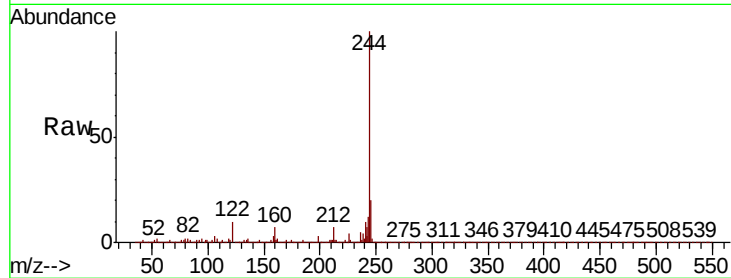
BNA_P

ClientSampleId :

PB123970BL

Tot Ion:244 Resp: 2340005

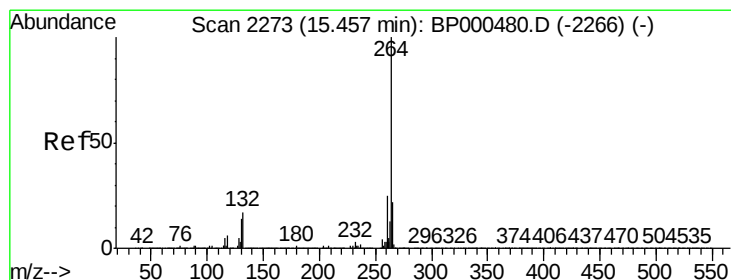
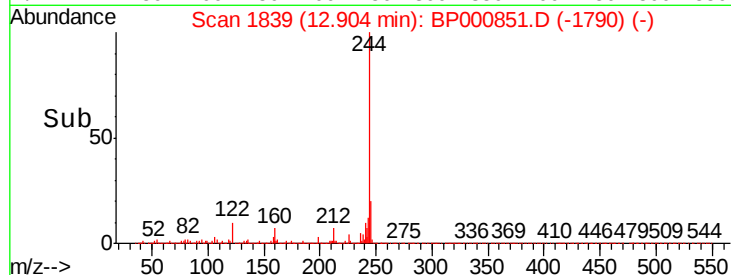
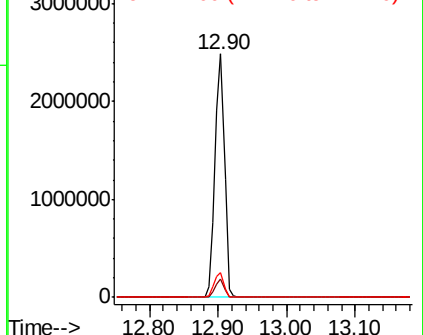
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	9.9	8.9	13.3



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

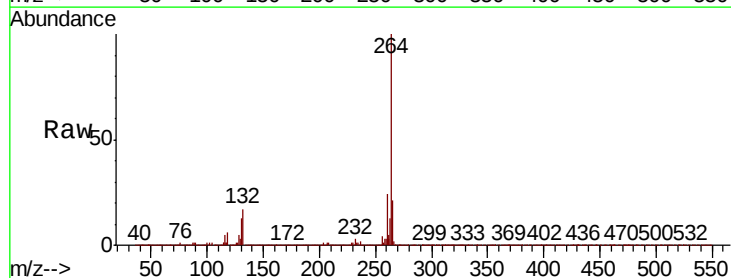
Delta R.T. -0.01 min

Lab File: BP000851.D

Acq: 17 Oct 2019 21:50

Tgt Ion:264 Resp: 631630

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	21.3	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

