

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000857.D
 Acq On : 18 Oct 2019 00:15
 Operator : JU
 Sample : K5393-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-13-V1-(0-24)

Quant Time: Oct 18 06:14:25 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

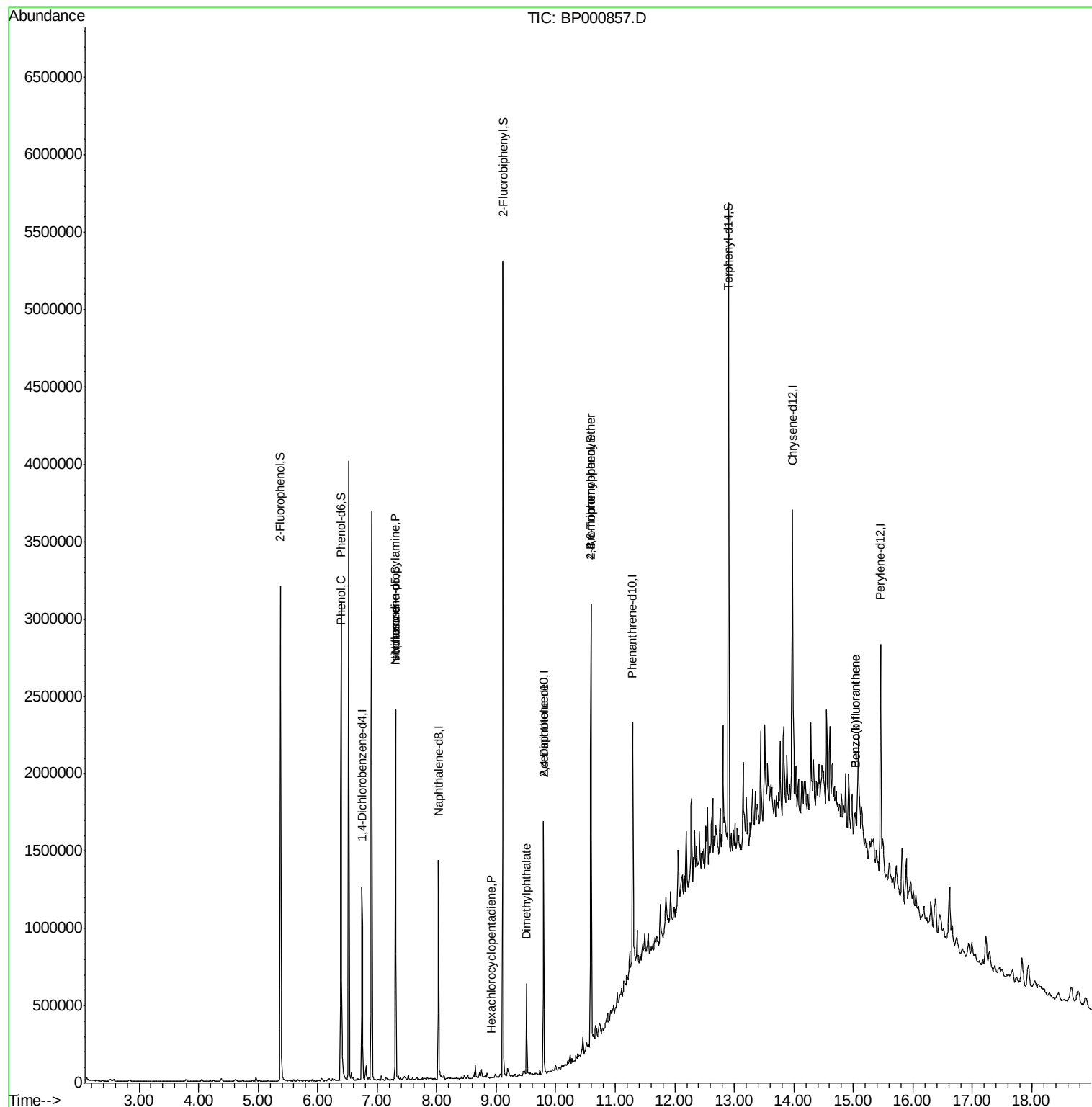
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	195471	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	682759	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	357811	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	588018	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	466901	20.00	ng	0.00
87) Perylene-d12	15.46	264	549875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1074681	88.38	ng	-0.02
7) Phenol-d6	6.39	99	1347448	91.95	ng	-0.02
23) Nitrobenzene-d5	7.31	82	738921	66.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	384620	100.87	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1645392	74.40	ng	-0.02
79) Terphenyl-d14	12.90	244	1636917	70.99	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	54278	3.618	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	91885	13.604	ng	# 74
25) Isophorone	7.31	82	738596	37.227	ng	# 61
41) Hexachlorocyclopentadiene	8.92	237	14	7.300	ng	94
50) Dimethylphthalate	9.51	163	239702	9.641	ng	100
57) 2,4-Dinitrotoluene	9.79	165	47279	6.577	ng	# 32
67) 4-Bromophenyl-phenylether	10.59	248	25970	3.923	ng	# 1
88) Benzo(b)fluoranthene	15.03	252	71256	2.284	ng	# 42
89) Benzo(k)fluoranthene	15.03	252	71256	2.399	ng	# 49

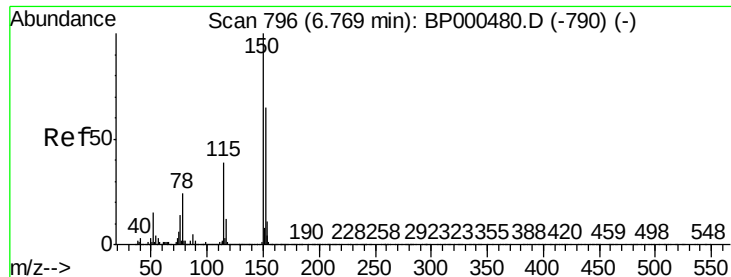
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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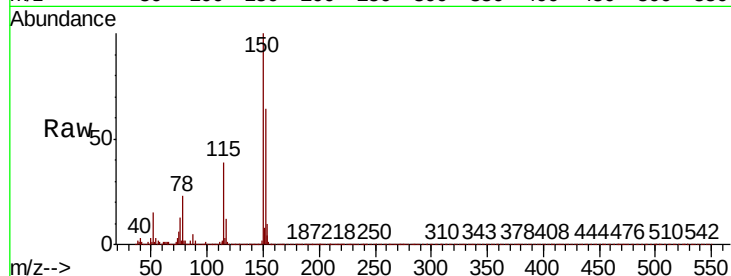


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Instrument :
BNA_P
ClientSampleId :
T-13-V1-(0-24)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	61.2	48.7	73.1

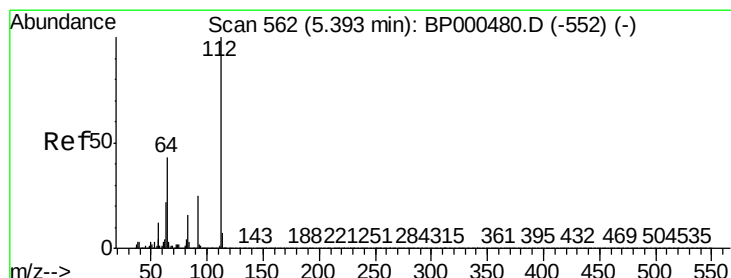
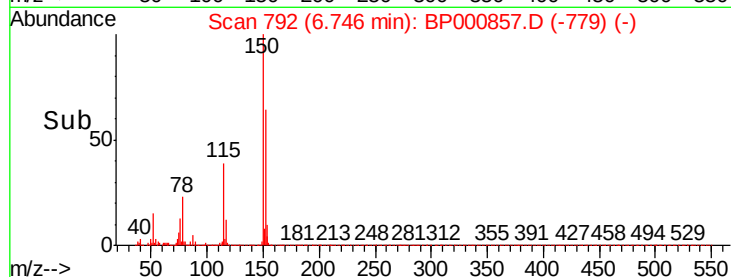
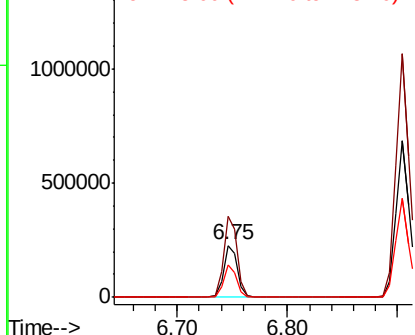


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

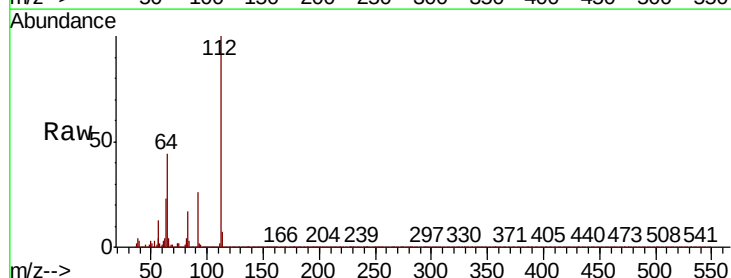
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.376 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	34.2	51.4
63	23.2	17.9	26.9

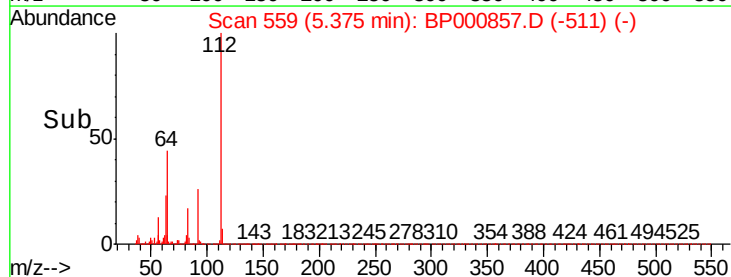
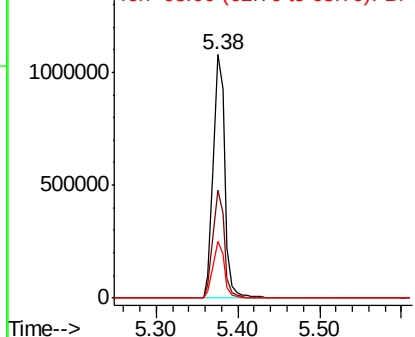


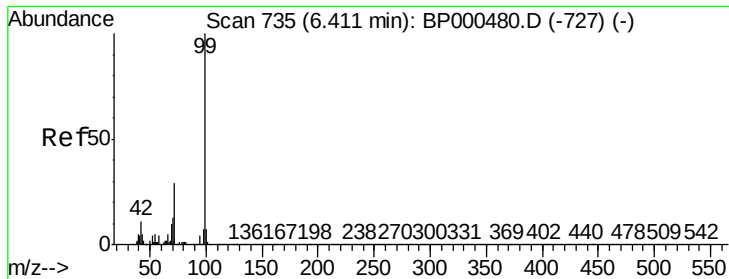
Abundance

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: 91.952 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

Instrument :

BNA_P

ClientSampleId :

T-13-V1-(0-24)

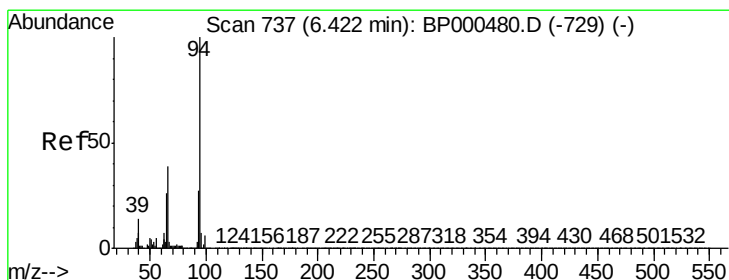
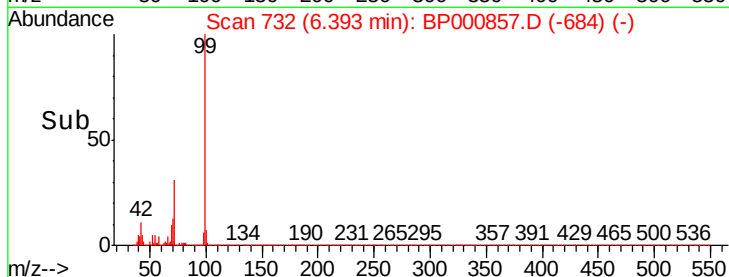
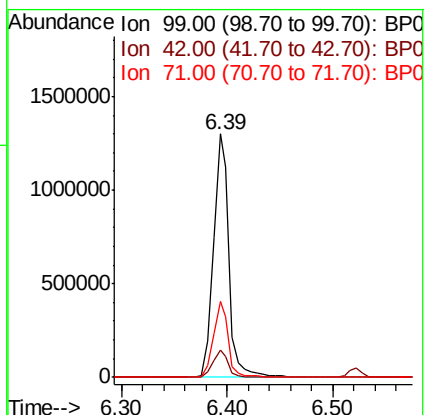
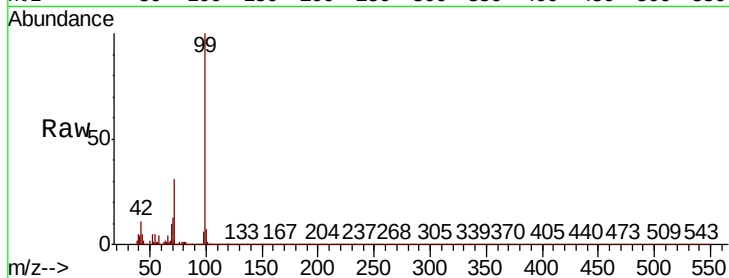
Tot Ion: 99 Resp: 1347448

Ion Ratio Lower Upper

99 100

42 11.3 8.6 12.8

71 31.1 23.0 34.4



#10

Phenol

Concen: 3.618 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

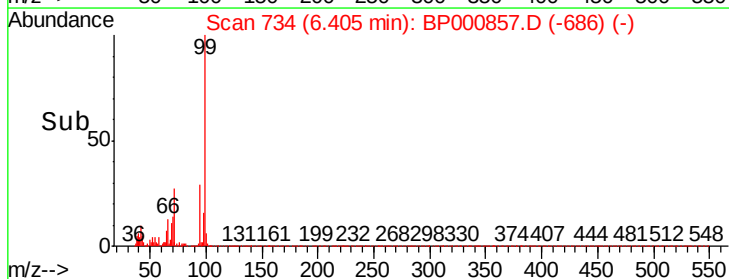
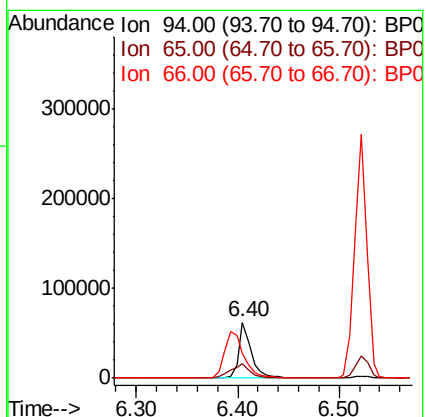
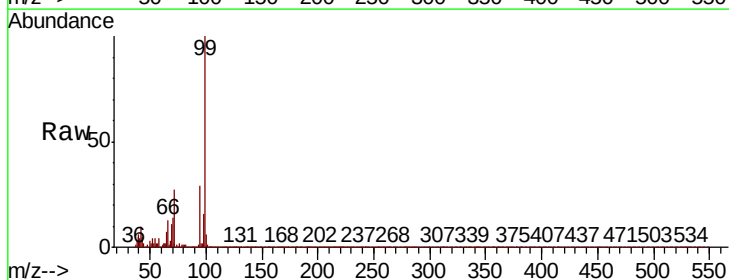
Tgt Ion: 94 Resp: 54278

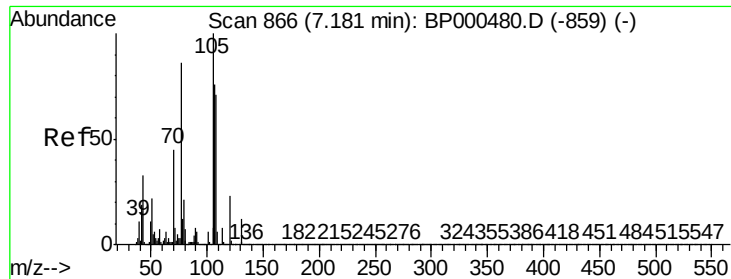
Ion Ratio Lower Upper

94 100

65 25.5 5.9 45.9

66 44.7 18.8 58.8

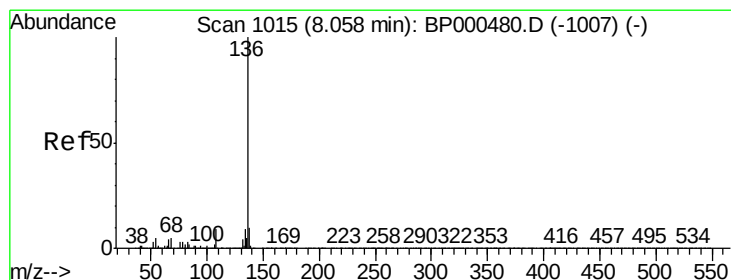
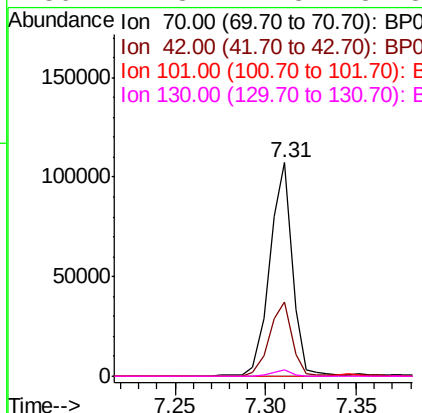
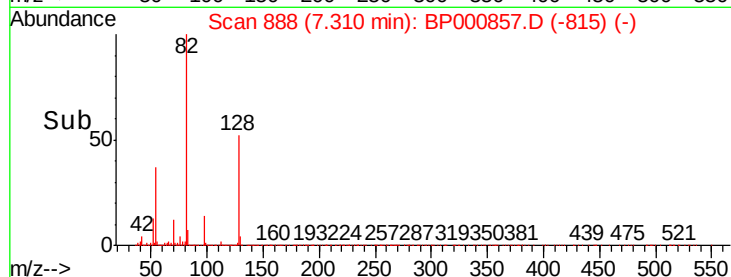
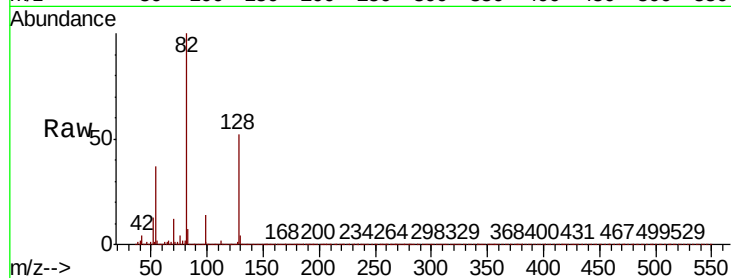




#19
n-Nitroso-di-n-propylamine
Concen: 13.604 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

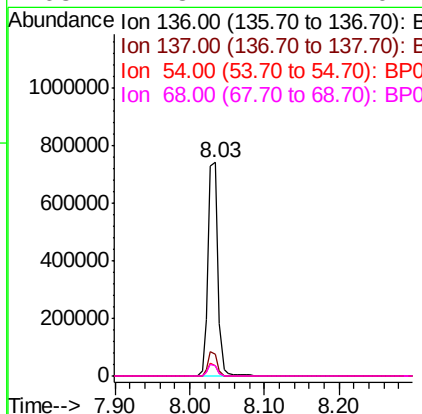
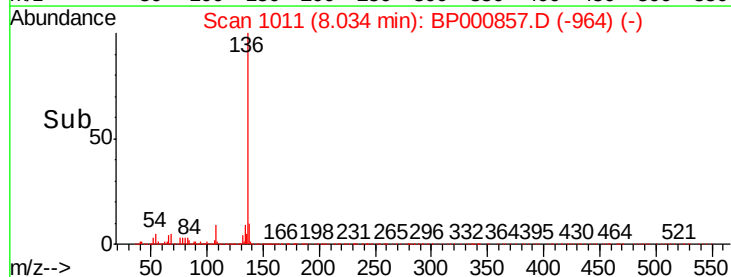
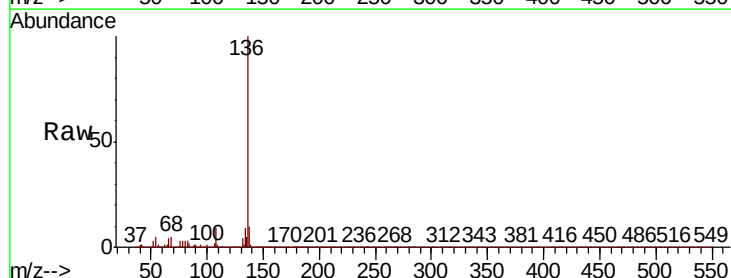
Instrument :
BNA_P
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T-13-V1-(0-24)

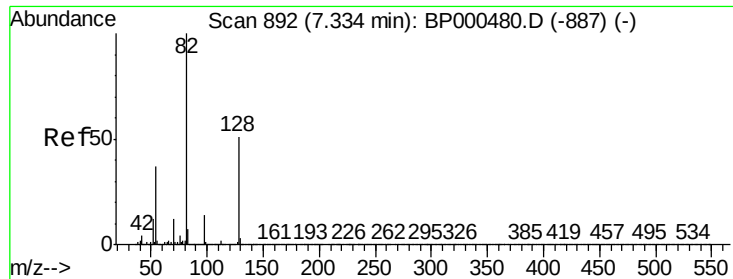
Tot Ion:	70	Resp:	91885
Ion Ratio	Lower	Upper	
70	100		
42	34.6	33.2	49.8
101	0.0	9.9	14.9#
130	2.8	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion:	136	Resp:	682759
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.4
54	4.9	4.1	6.1
68	4.8	4.1	6.1

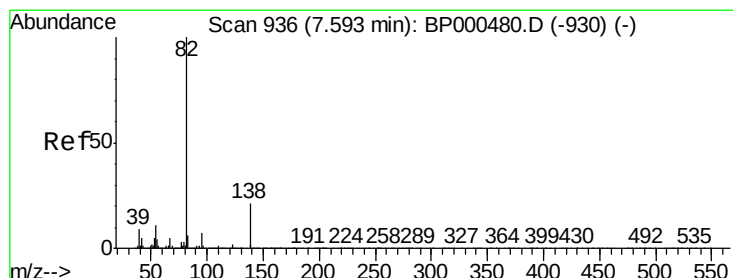
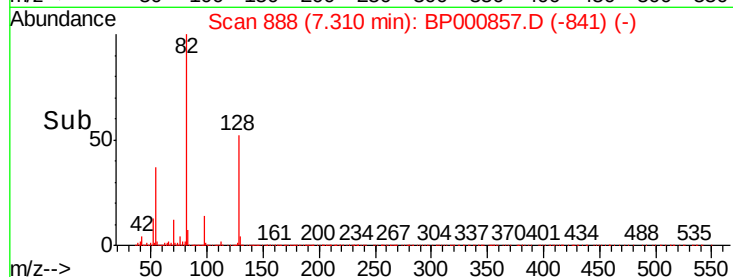
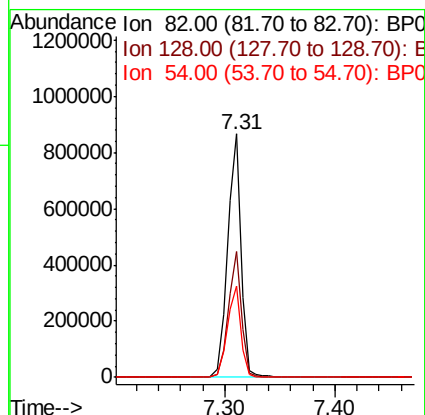
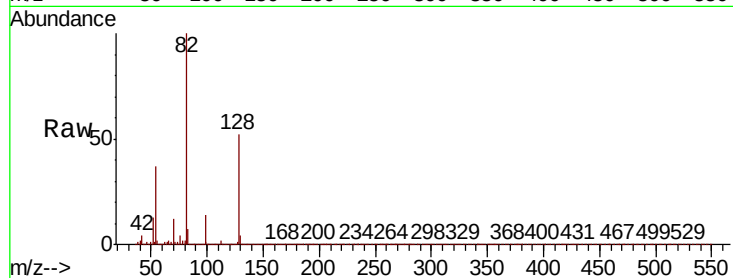




#23
Nitrobenzene-d5
Concen: 66.099 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

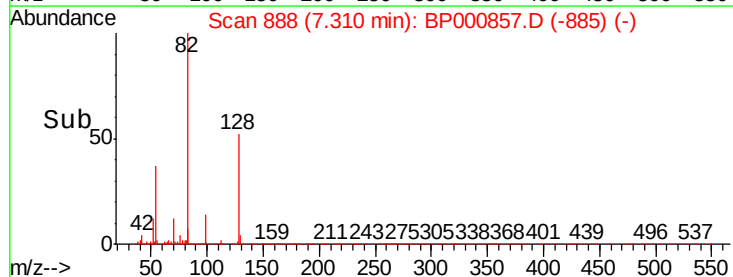
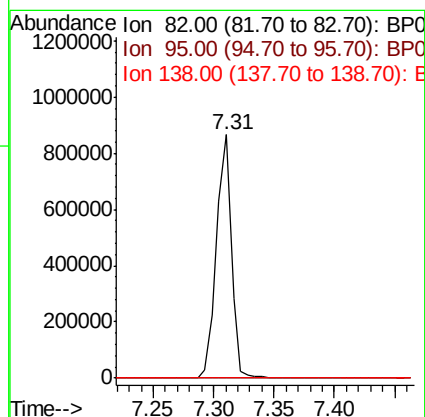
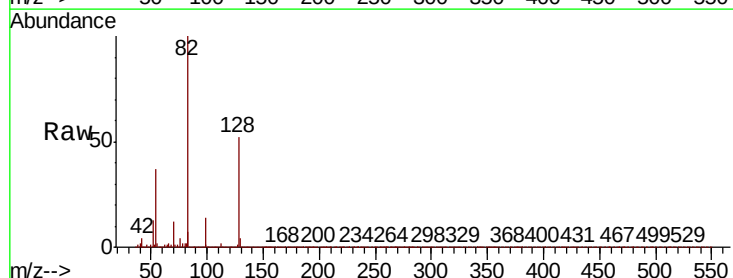
Instrument :
BNA_P
ClientSampleId :
T-13-V1-(0-24)

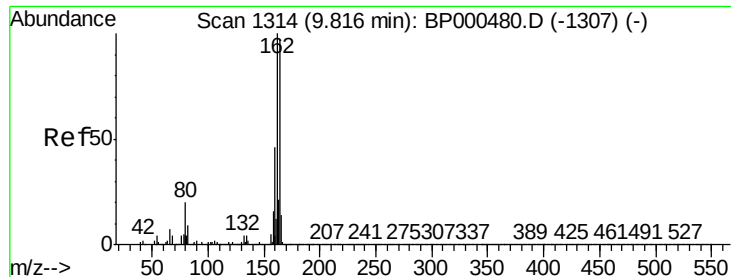
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.9	61.3
54	37.3	29.4	44.2



#25
Isophorone
Concen: 37.227 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	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: BP000857.D

Acq: 18 Oct 2019 00:15

Instrument :

BNA_P

ClientSampleId :

T-13-V1-(0-24)

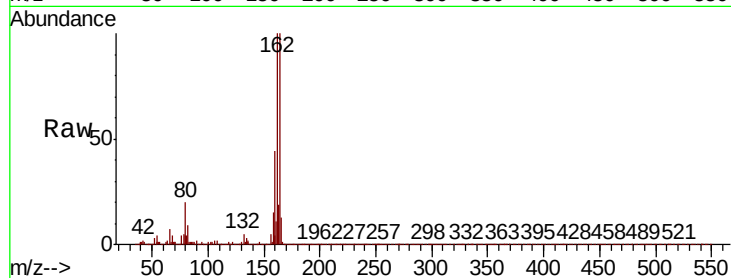
Tot Ion:164 Resp: 357811

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

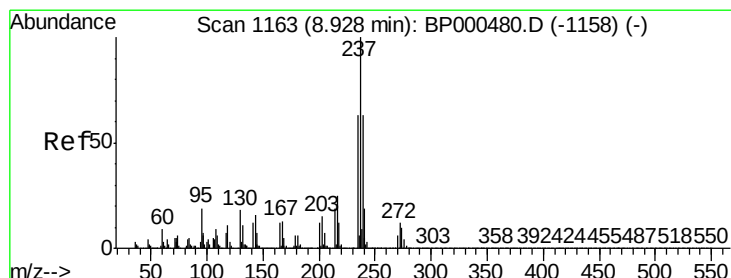
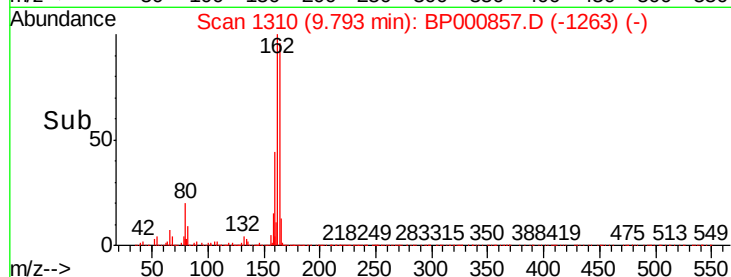
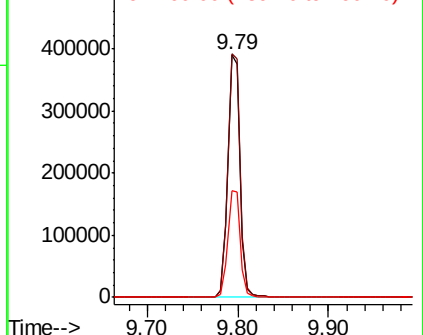
160 43.8 37.6 56.4



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: 7.300 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

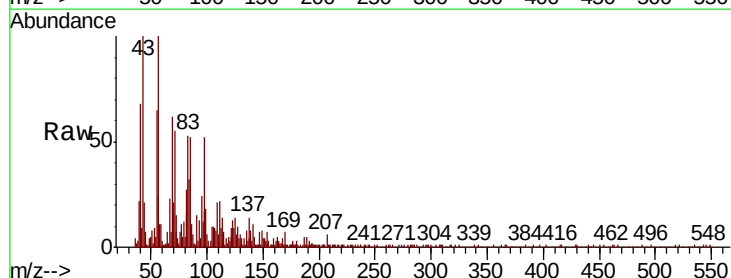
Tgt Ion:237 Resp: 14

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

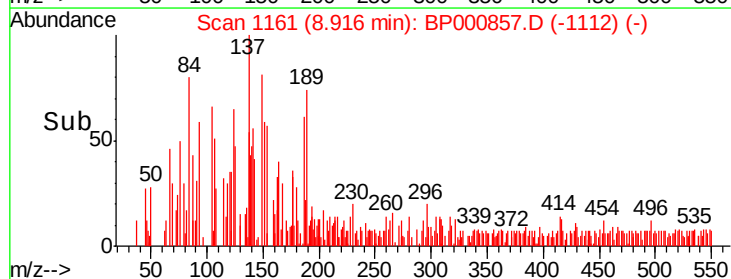
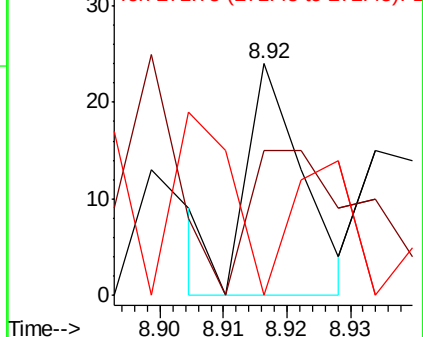
272 0.0 0.0 32.4

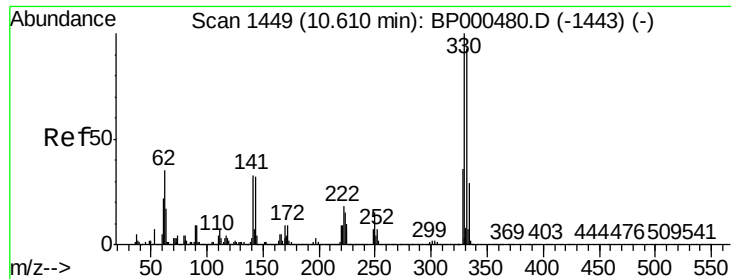


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

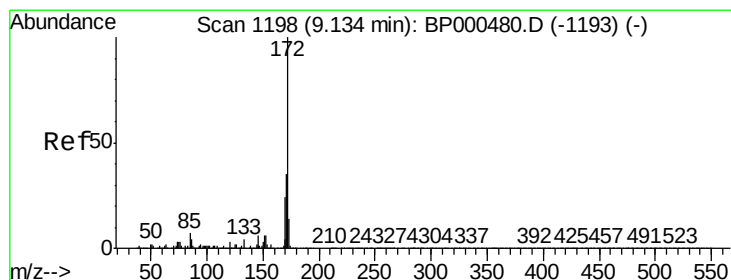
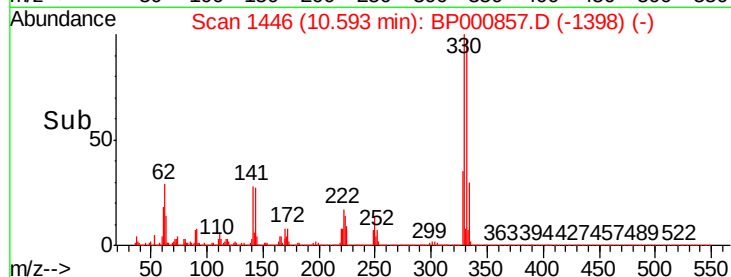
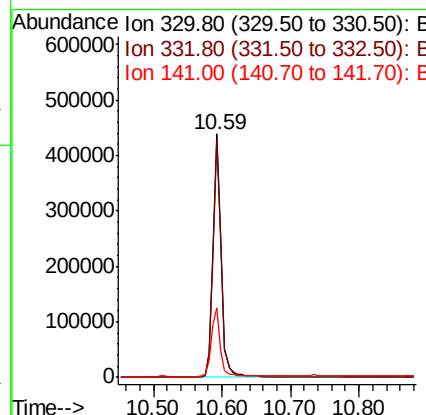
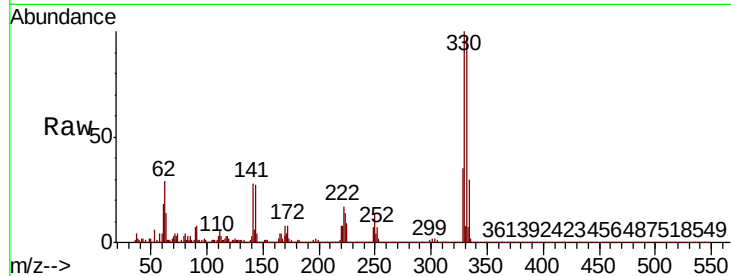




#42
2,4,6-Tribromophenol
Concen: 100.873 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

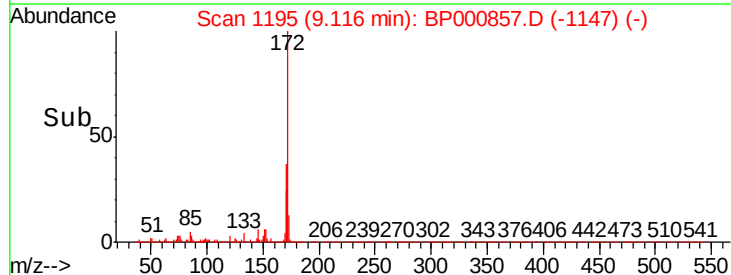
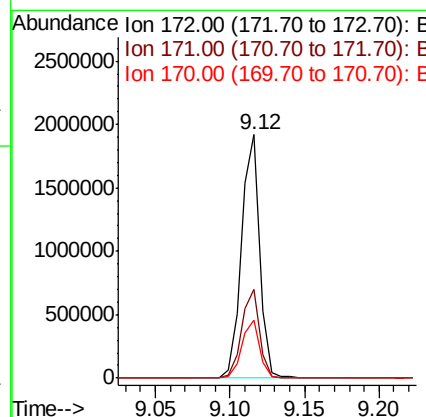
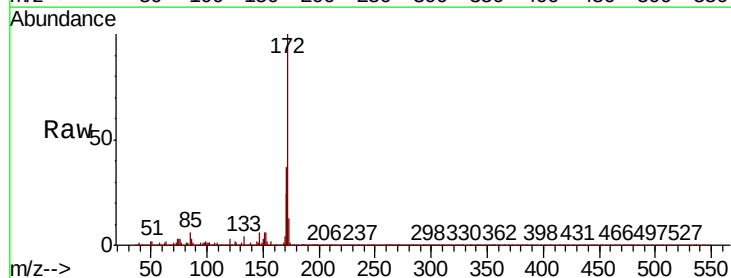
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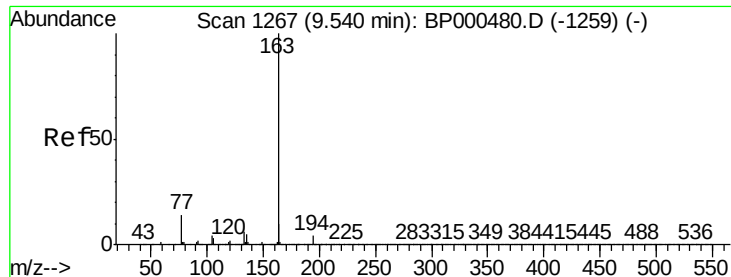
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	29.5	26.0	39.0



#45
2-Fluorobiphenyl
Concen: 74.403 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.4	42.6
170	24.1	19.1	28.7





#50

Dimethylphthalate

Concen: 9.641 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

Instrument :

BNA_P

ClientSampleId :

T-13-V1-(0-24)

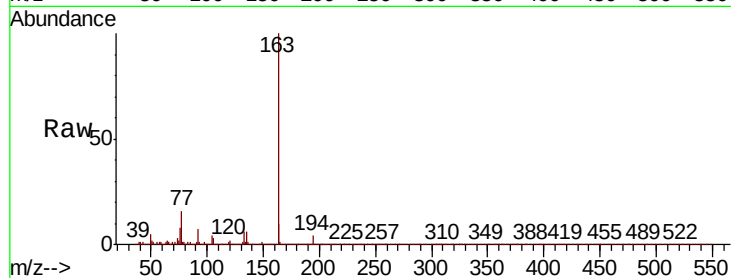
Tot Ion:163 Resp: 239702

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

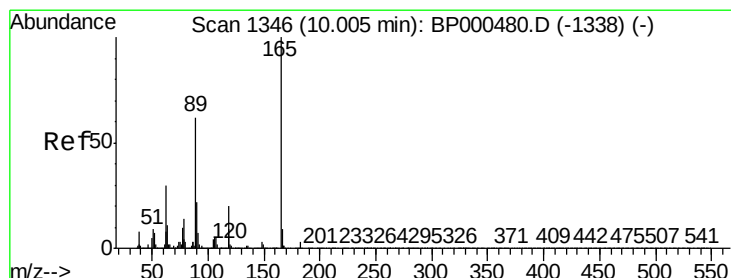
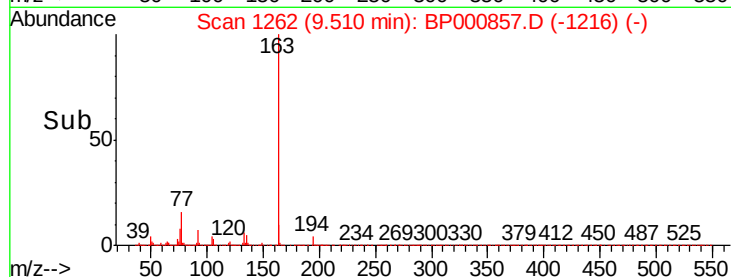
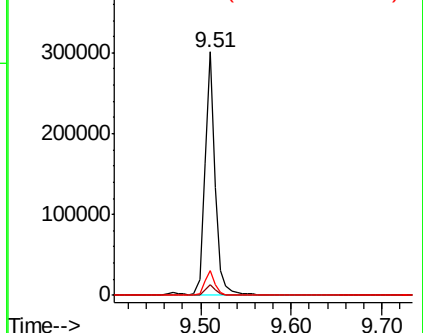
164 10.2 8.0 12.0



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: 6.577 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.21 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

Tgt Ion:165 Resp: 47279

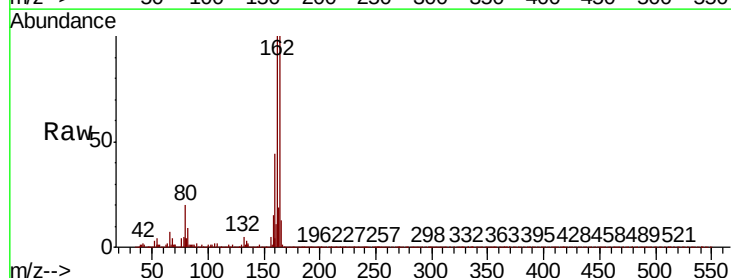
Ion Ratio Lower Upper

165 100

63 1.2 24.2 36.4#

89 1.4 49.4 74.0#

182 0.2 2.5 3.7#

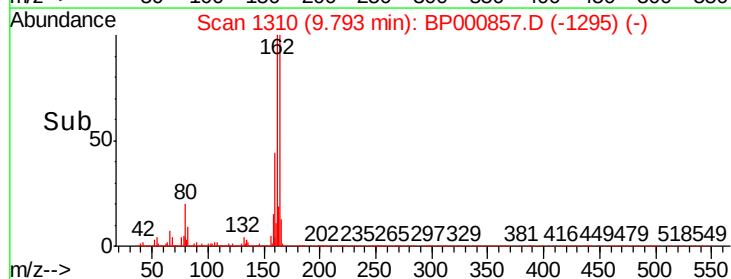
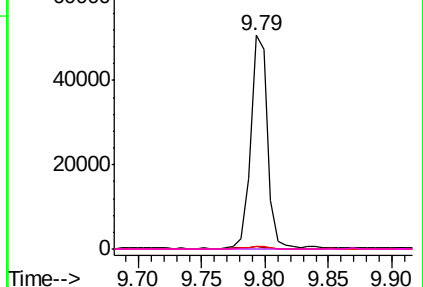


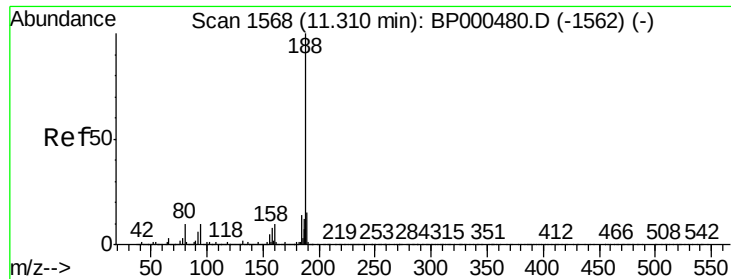
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000857.D

Acq: 18 Oct 2019 00:15

Instrument :

BNA_P

ClientSampleId :

T-13-V1-(0-24)

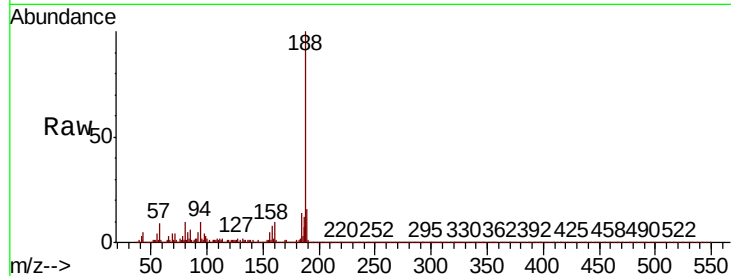
Tot Ion:188 Resp: 588018

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

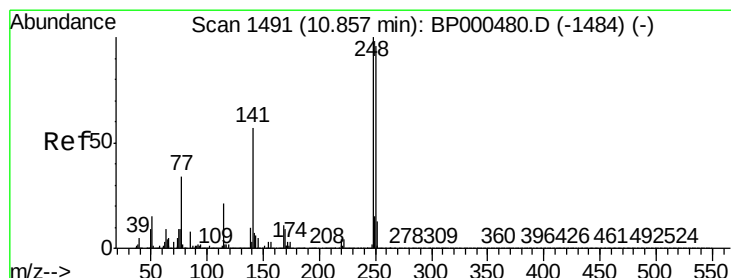
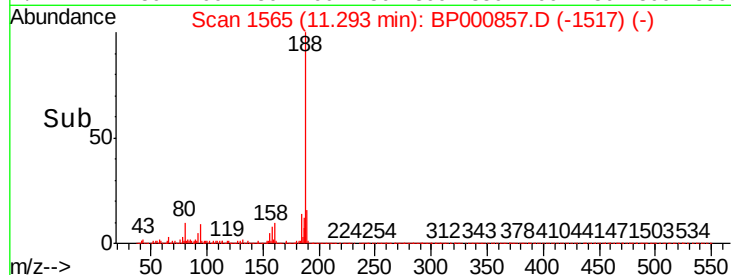
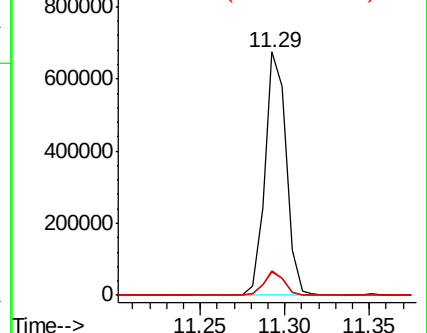
80 10.0 8.3 12.5



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: 3.923 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

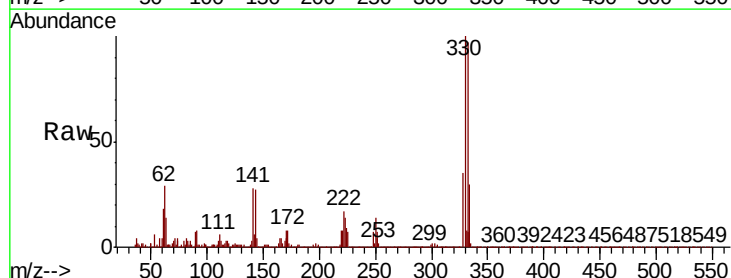
Tgt Ion:248 Resp: 25970

Ion Ratio Lower Upper

248 100

250 204.8 77.2 115.8#

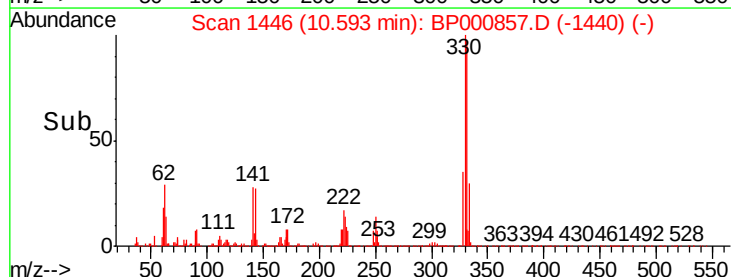
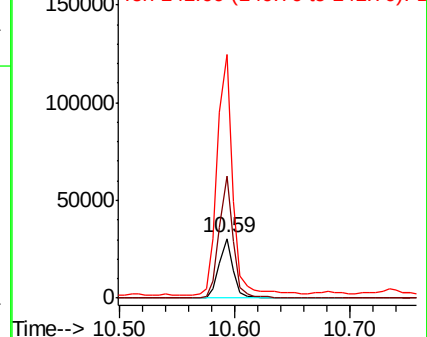
141 409.3 45.3 67.9#

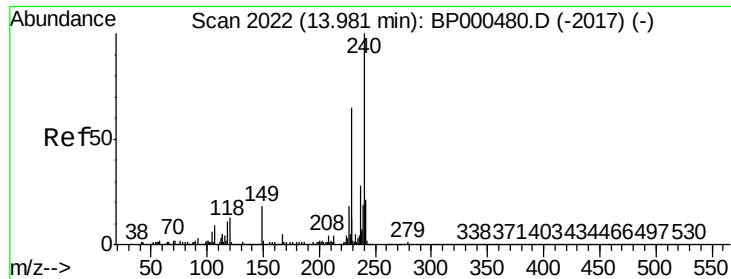


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

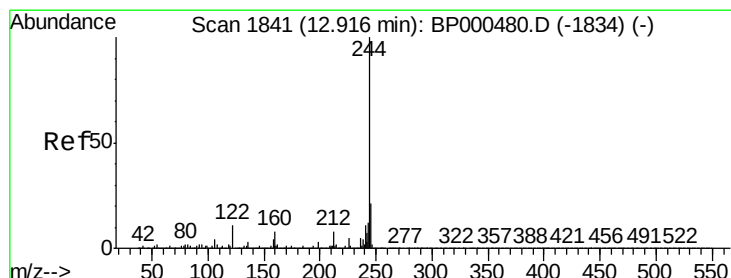
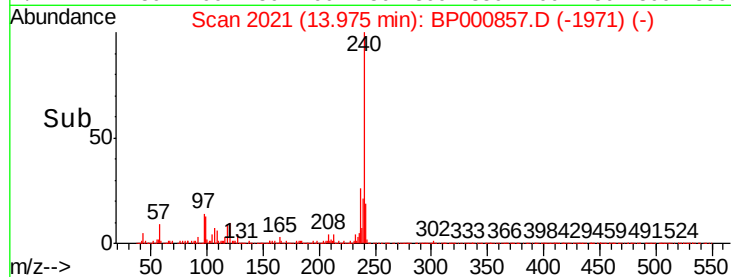
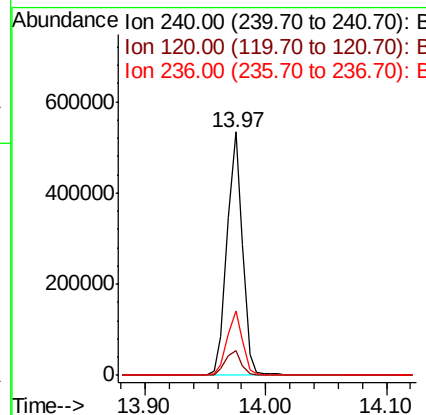
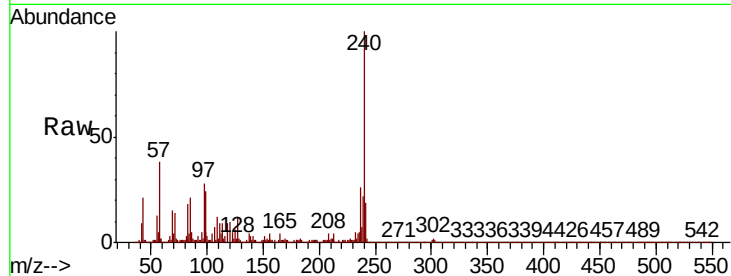




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

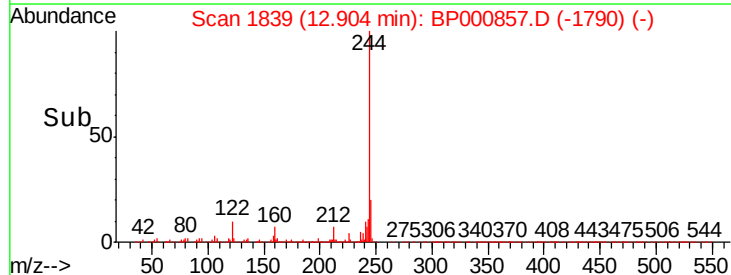
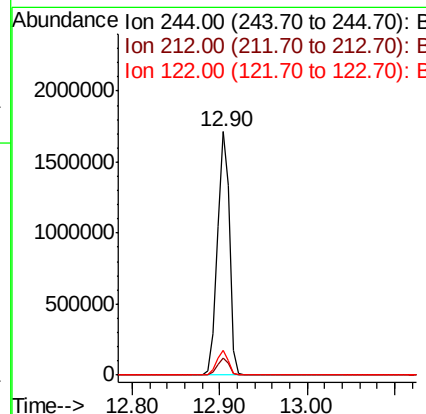
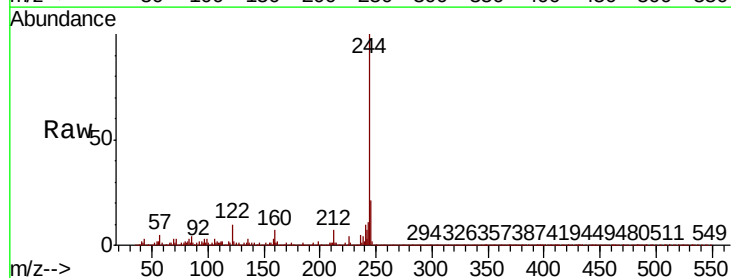
Instrument :
BNA_P
ClientSampleId :
T-13-V1-(0-24)

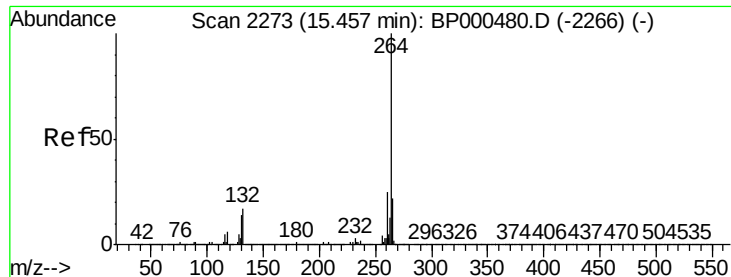
Tot Ion:240 Resp: 466901
Ion Ratio Lower Upper
240 100
120 9.9 10.1 15.1#
236 26.3 22.7 34.1



#79
Terphenyl-d14
Concen: 70.985 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion:244 Resp: 1636917
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.1 8.9 13.3

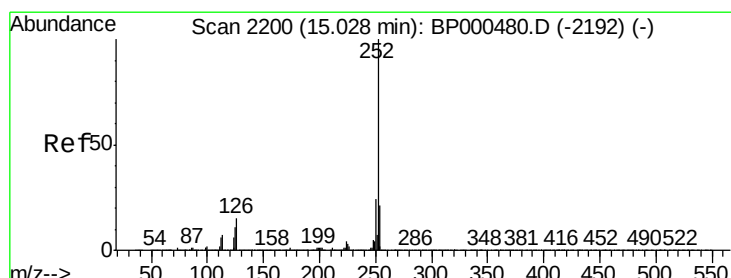
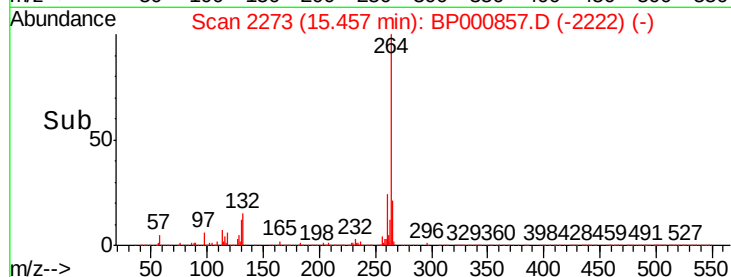
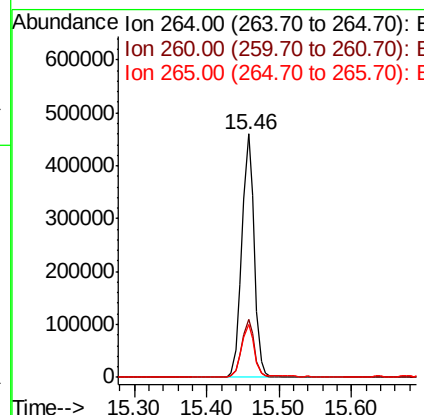
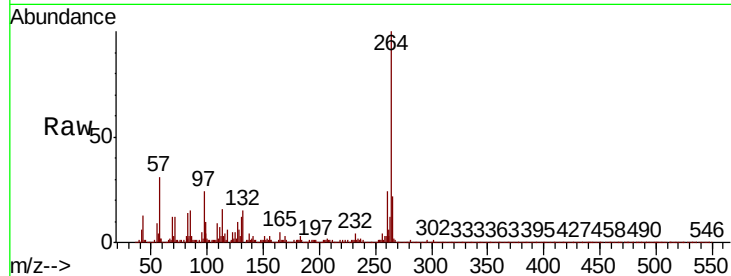




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

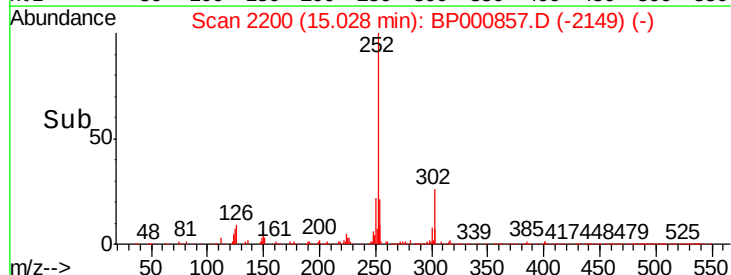
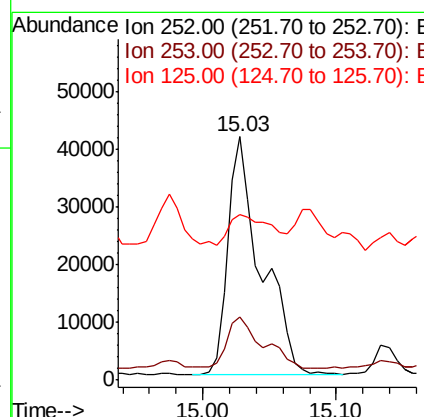
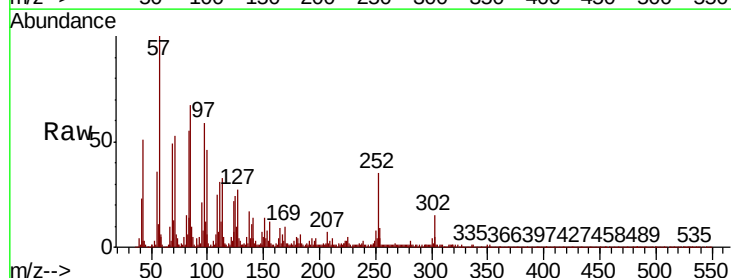
Instrument :
BNA_P
ClientSampleId :
T-13-V1-(0-24)

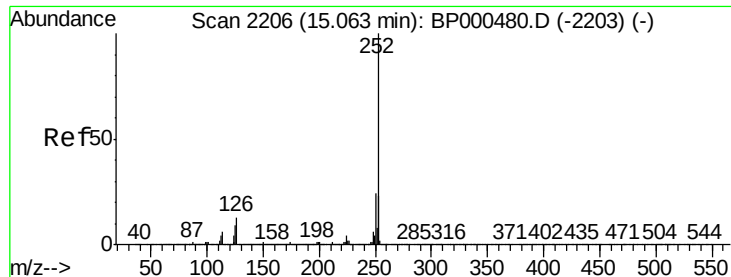
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	21.6	18.0	27.0



#88
Benzo(b)fluoranthene
Concen: 2.284 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000857.D
Acq: 18 Oct 2019 00:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.0	25.4#
125	68.1	8.9	13.3#





#89

Benzo(k)fluoranthene

Concen: 2.399 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.04 min

Lab File: BP000857.D

Acq: 18 Oct 2019 00:15

Instrument :

BNA_P

ClientSampleId :

T-13-V1-(0-24)

Tot Ion: 252 Resp: 71256

Ion Ratio Lower Upper

252 100

253 25.7 18.4 27.6

125 68.1 7.8 11.8#

