

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000526.D
 Acq On : 04 Oct 2019 22:49
 Operator : JU
 Sample : K5185-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 04 23:44:40 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	6.77	152	250266	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	735215	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	263486	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	487876	20.00	ng	0.00
76) Chrysene-d12	13.98	240	432858	20.00	ng	0.00
87) Perylene-d12	15.46	264	483776	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1105056	70.98	ng	0.00
7) Phenol-d6	6.40	99	926841	49.40	ng	0.00
23) Nitrobenzene-d5	7.33	82	1040077	86.40	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	413646	147.32	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1854464	113.88	ng	0.00
79) Terphenyl-d14	12.92	244	1760310	82.34	ng	0.00

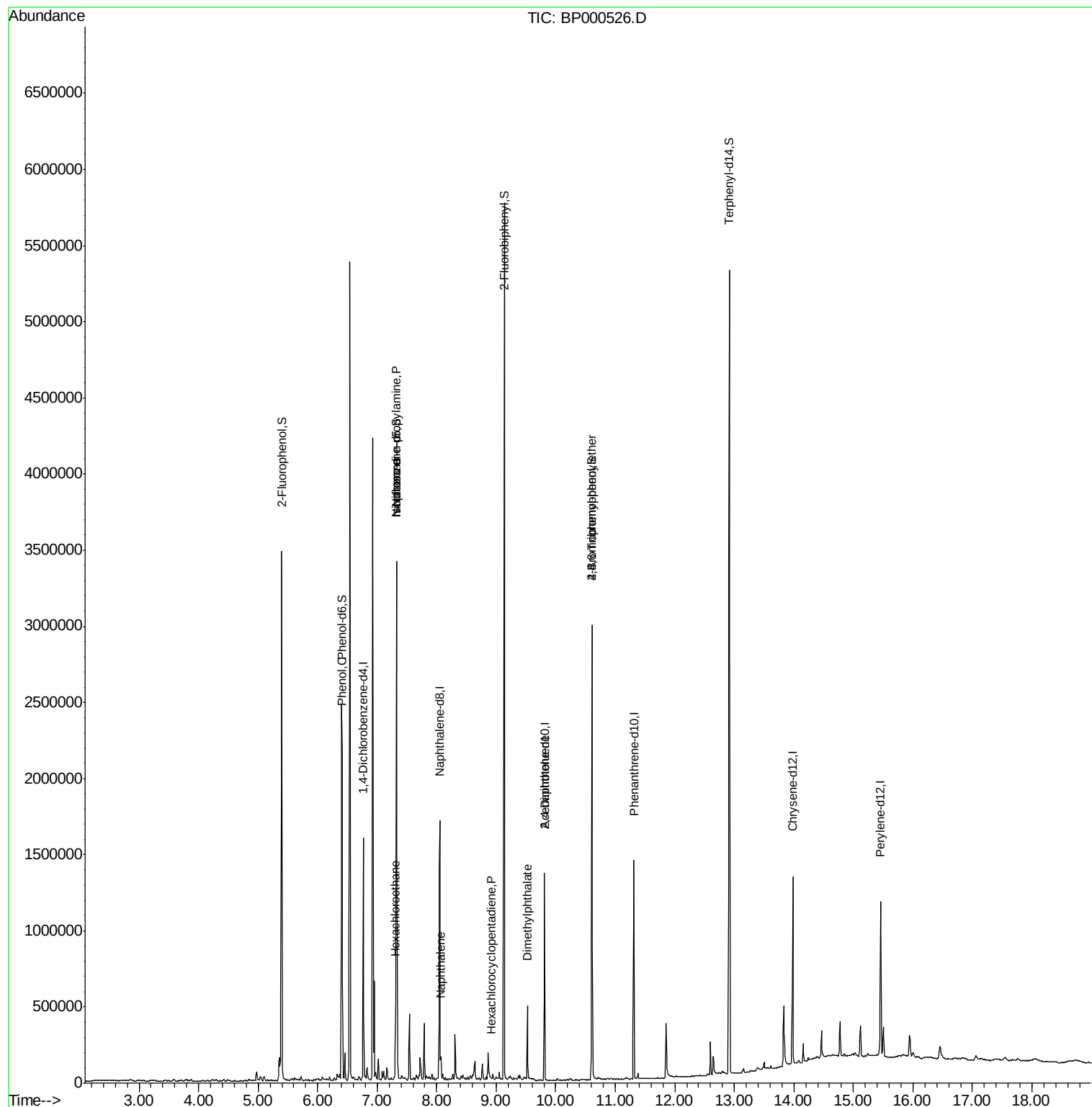
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.42	94	106983	5.569	ng	97
18) Hexachloroethane	7.30	117	21411	3.210	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	129275	14.949	ng	# 74
25) Isophorone	7.33	82	1039126	48.638	ng	# 61
31) Naphthalene	8.07	128	72469	2.111	ng	99
41) Hexachlorocyclopentadiene	8.92	237	51	7.311	ng	92
50) Dimethylphthalate	9.53	163	211736	11.565	ng	99
57) 2,4-Dinitrotoluene	9.81	165	34627	6.541	ng	# 32
67) 4-Bromophenyl-phenylether	10.61	248	27511	5.009	ng	# 1

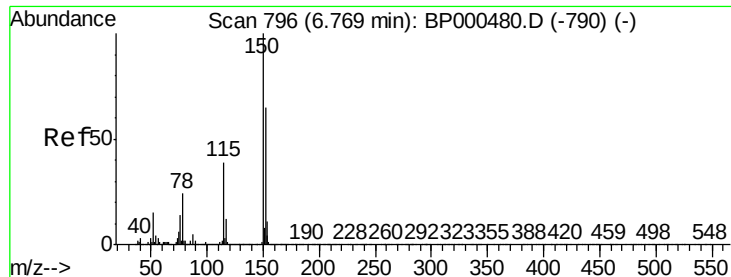
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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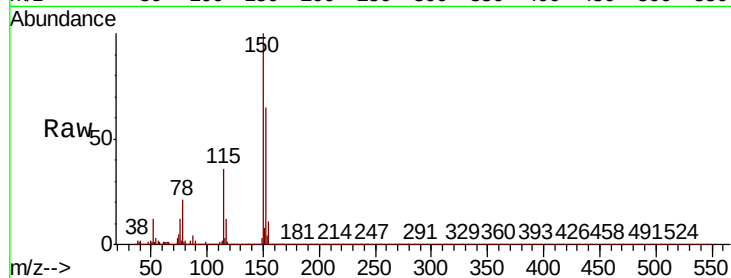


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000526.D
Acq: 04 Oct 2019 22:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.1	186.1
115	56.1	48.7	73.1

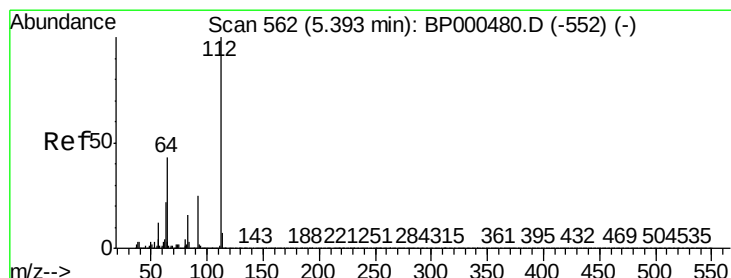
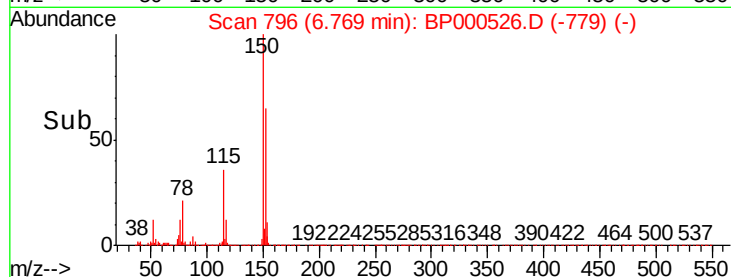
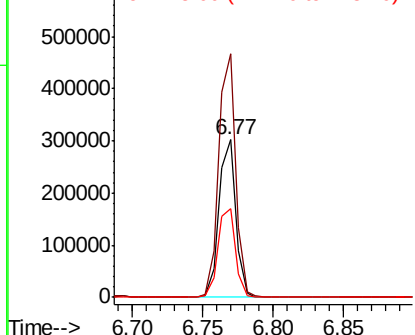


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

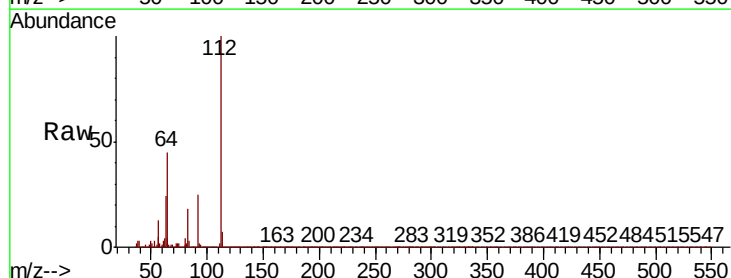
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.977 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BP000526.D
Acq: 04 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.4	34.2	51.4
63	23.5	17.9	26.9

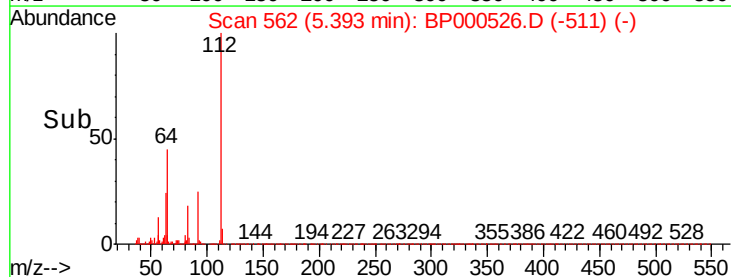
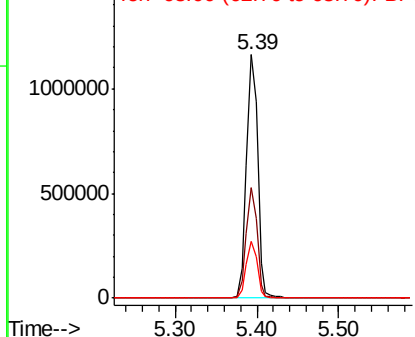


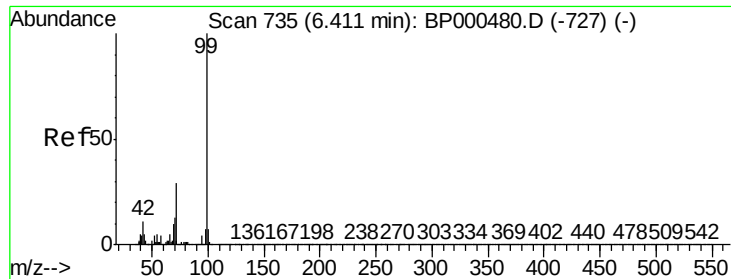
Abundance

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: 49.401 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

Instrument :

BNA_P

ClientSampled :

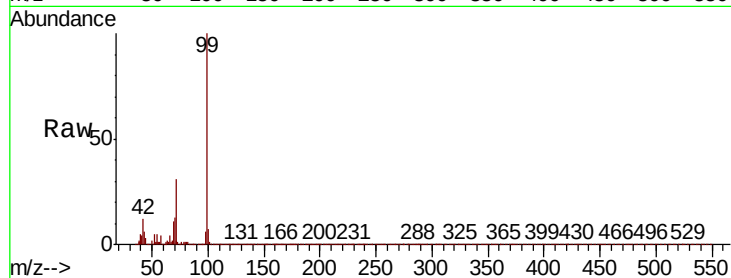
Tot Ion: 99 Resp: 926841

Ion Ratio Lower Upper

99 100

42 11.6 8.6 12.8

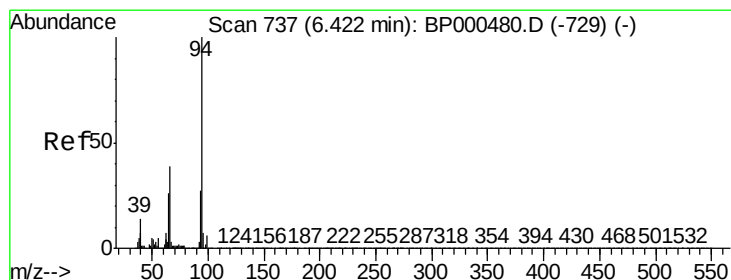
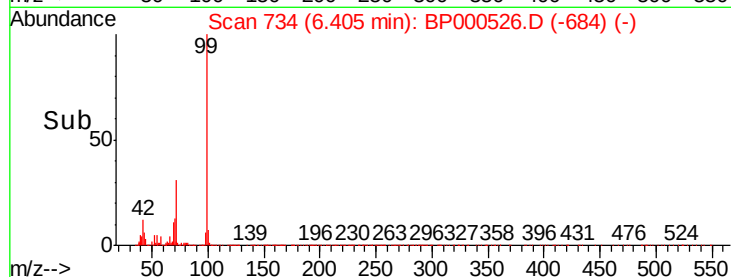
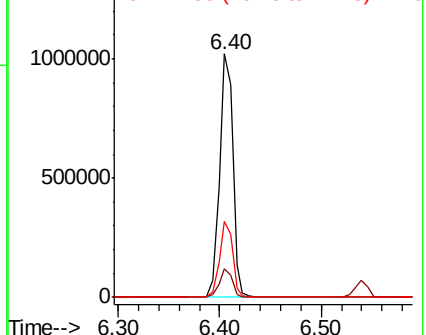
71 31.2 23.0 34.4



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



#10

Phenol

Concen: 5.569 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

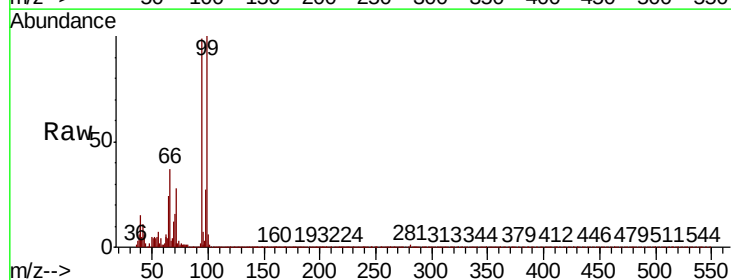
Tgt Ion: 94 Resp: 106983

Ion Ratio Lower Upper

94 100

65 24.4 5.9 45.9

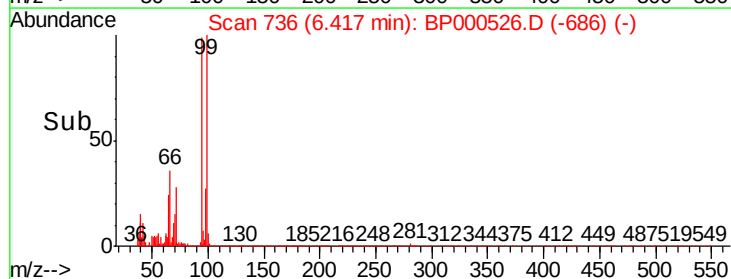
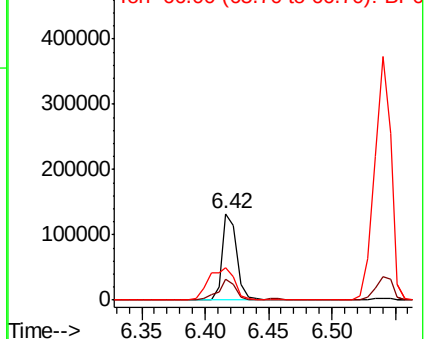
66 36.9 18.8 58.8

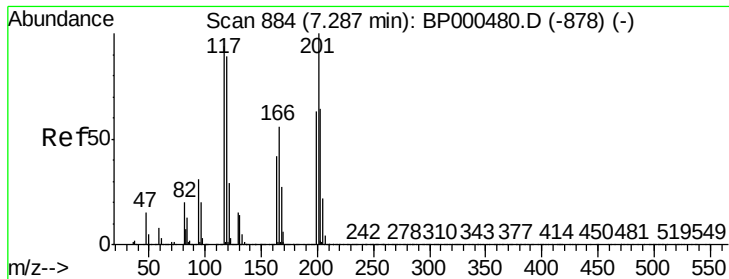


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

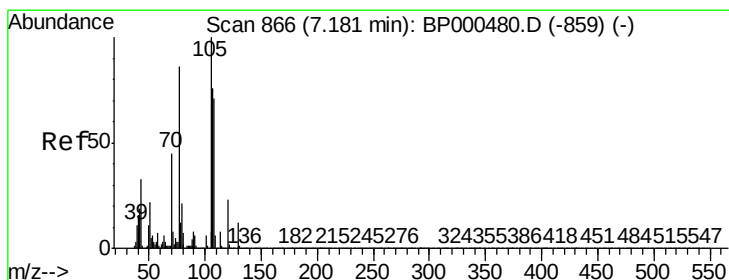
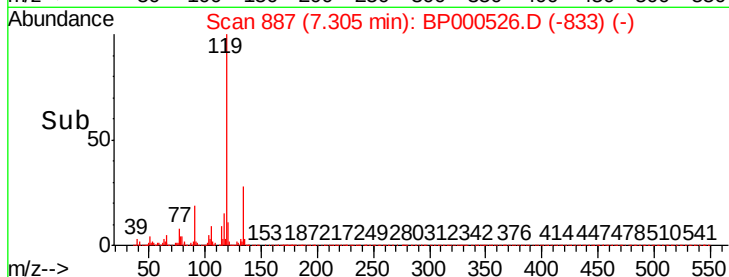
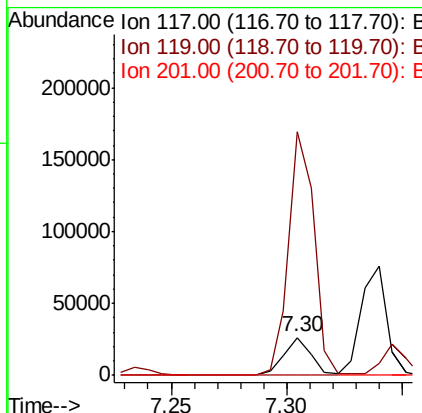
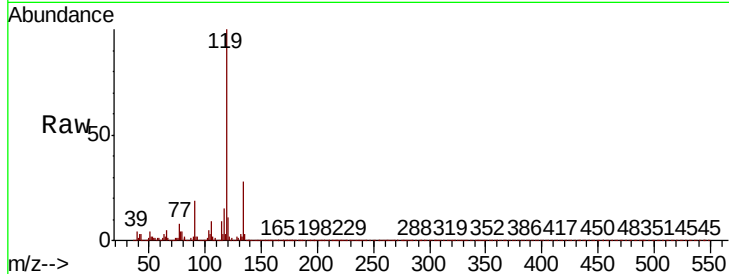




#18
Hexachloroethane
Concen: 3.210 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.02 min
Lab File: BP000526.D
Acq: 04 Oct 2019 22:49

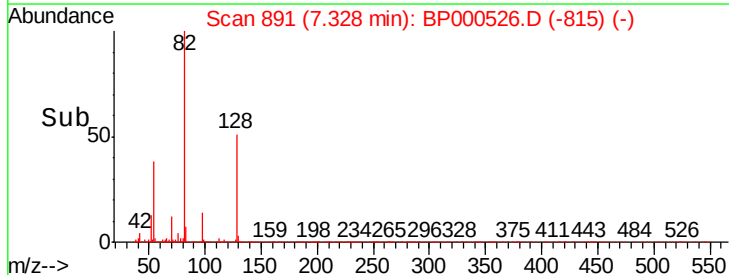
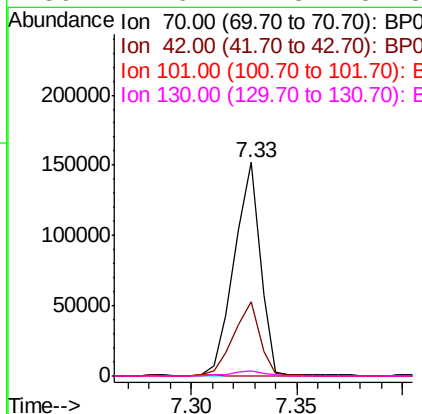
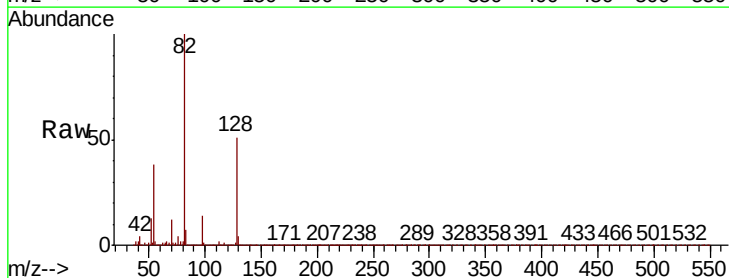
Instrument :
BNA_P
ClientSampleId :

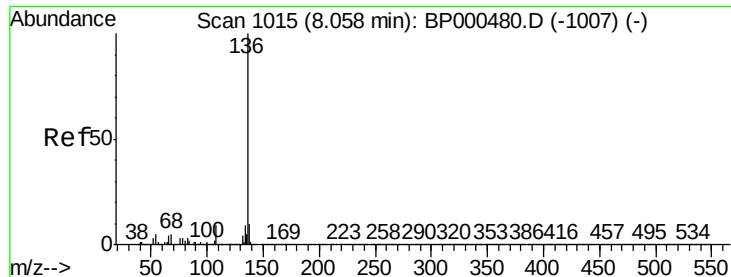
Tot Ion: 117 Resp: 21411
Ion Ratio Lower Upper
117 100
119 646.9 76.3 114.5#
201 0.0 85.4 128.0#



#19
n-Nitroso-di-n-propylamine
Concen: 14.949 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000526.D
Acq: 04 Oct 2019 22:49

Tgt Ion: 70 Resp: 129275
Ion Ratio Lower Upper
70 100
42 34.6 33.2 49.8
101 0.2 9.9 14.9#
130 2.6 21.8 32.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 735215

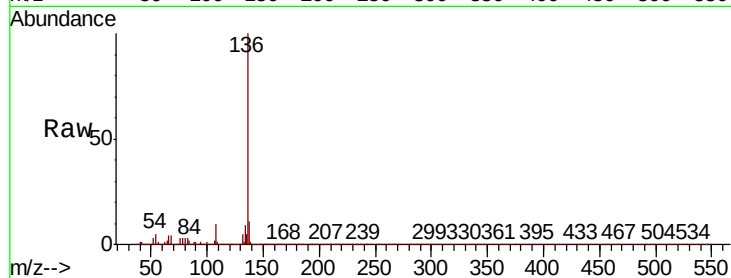
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 5.0 4.1 6.1

68 4.4 4.1 6.1

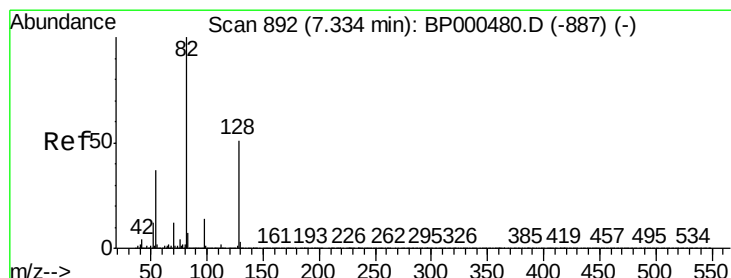
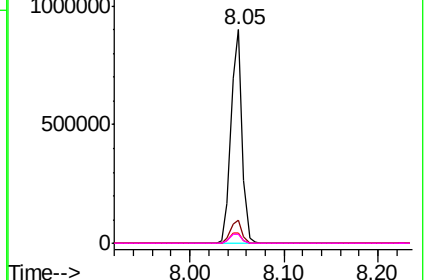
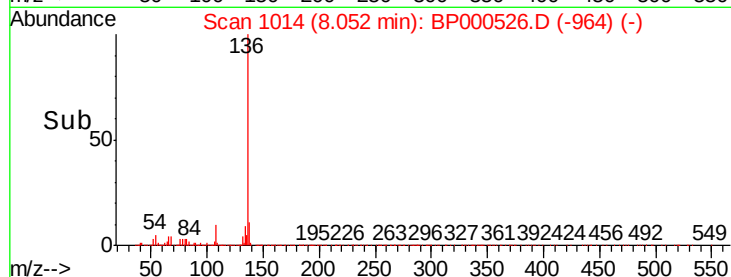


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 86.401 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

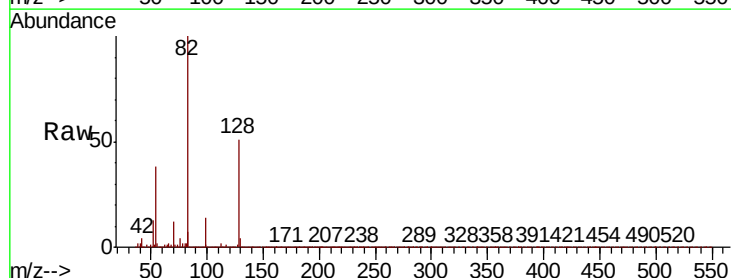
Tgt Ion: 82 Resp: 1040077

Ion Ratio Lower Upper

82 100

128 50.5 40.9 61.3

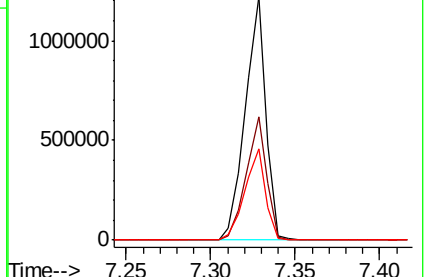
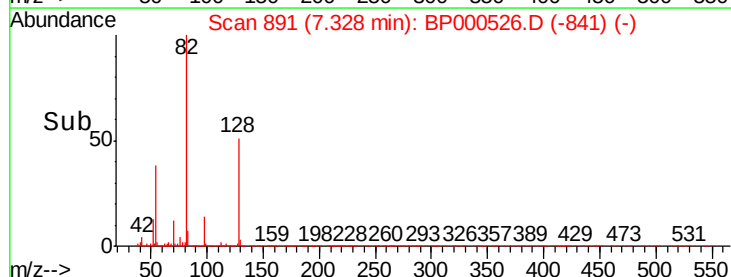
54 37.7 29.4 44.2

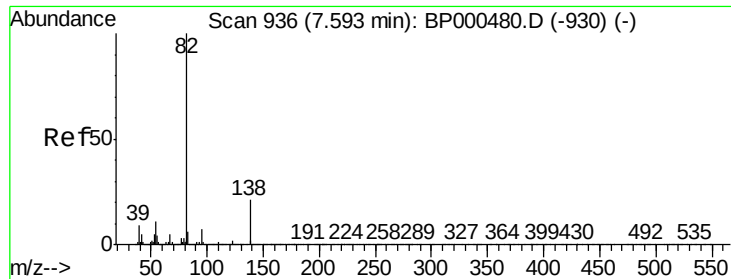


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 48.638 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

Instrument :

BNA_P

ClientSampleId :

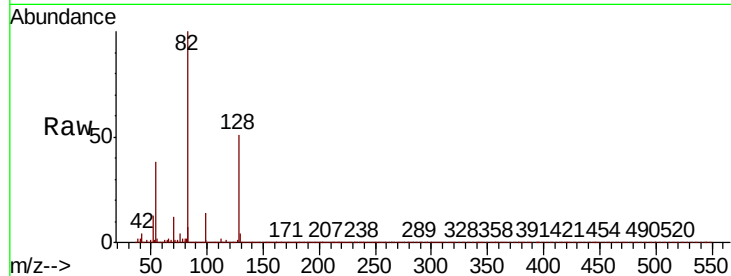
Tot Ion: 82 Resp: 1039126

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

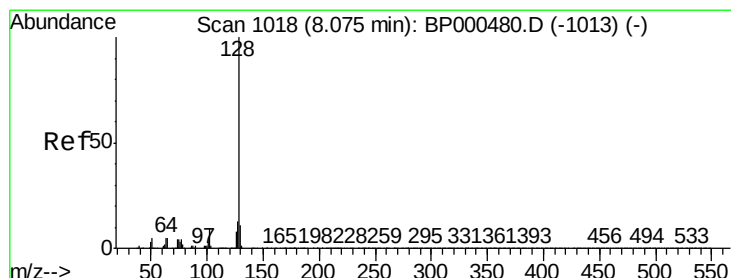
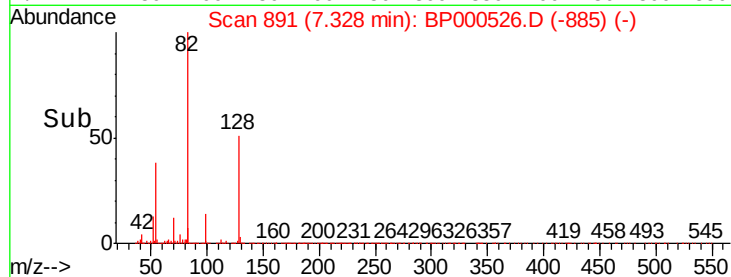
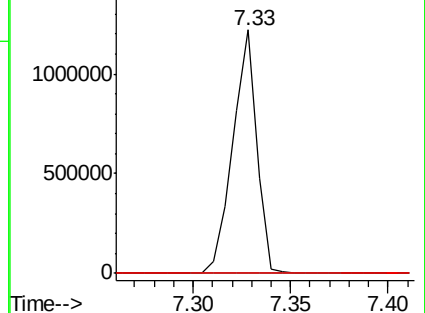
138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 2.111 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

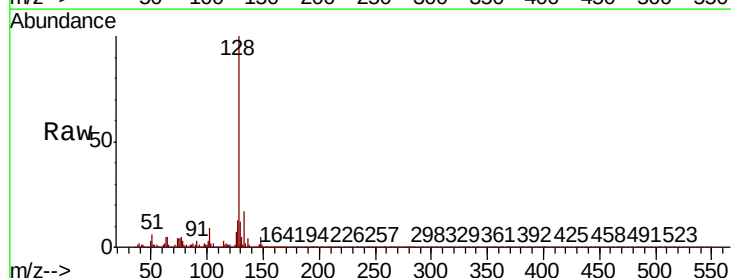
Tgt Ion: 128 Resp: 72469

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.6

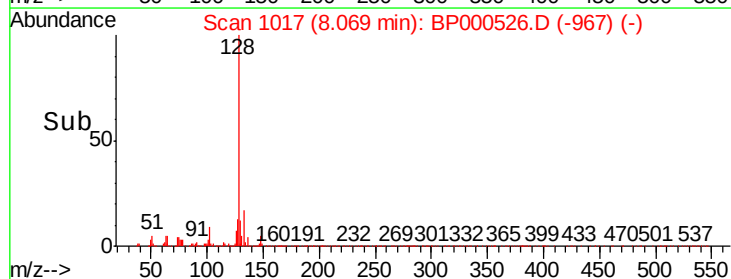
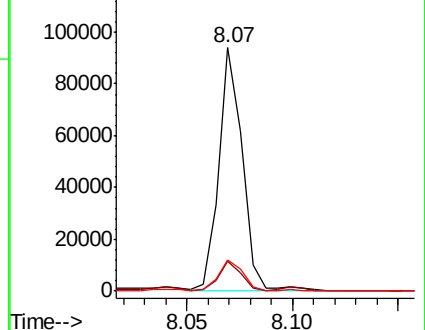
127 13.0 10.5 15.7

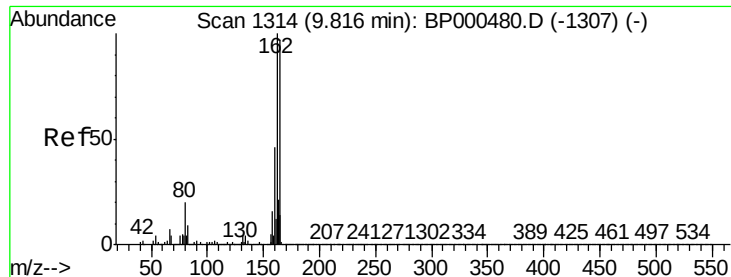


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

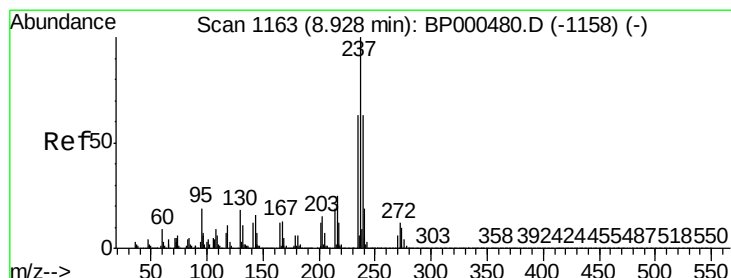
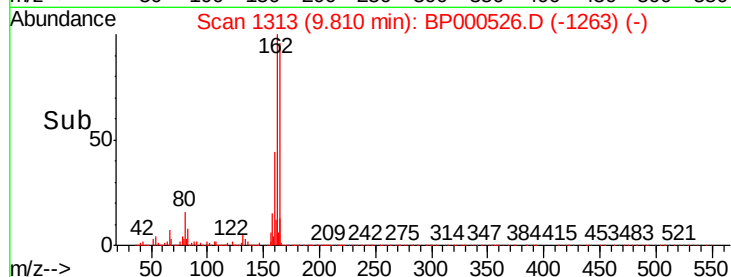
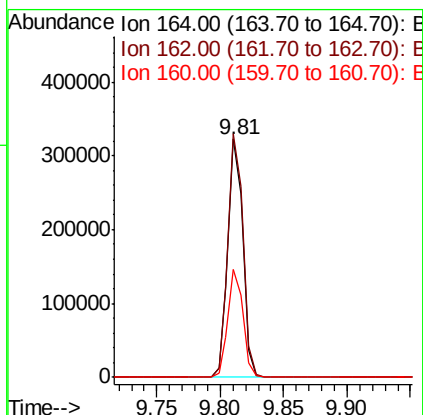
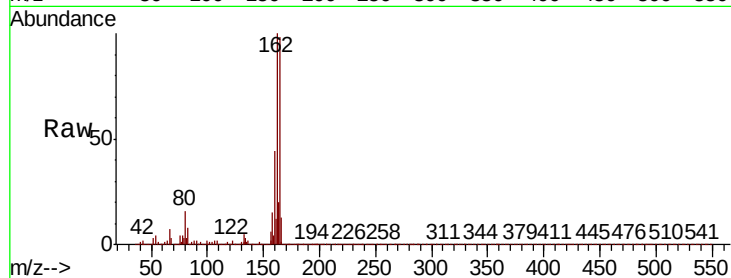




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000526.D
Acq: 04 Oct 2019 22:49

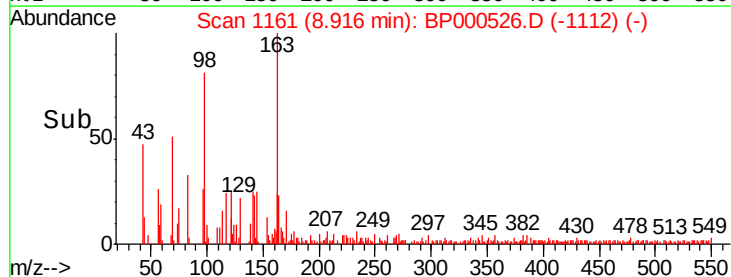
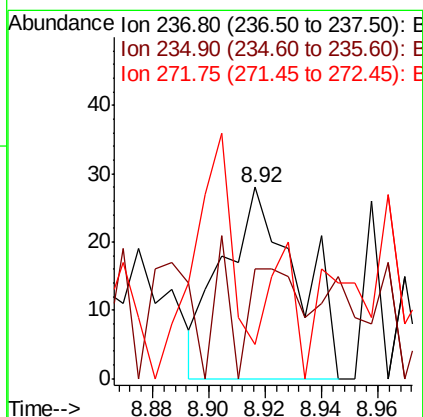
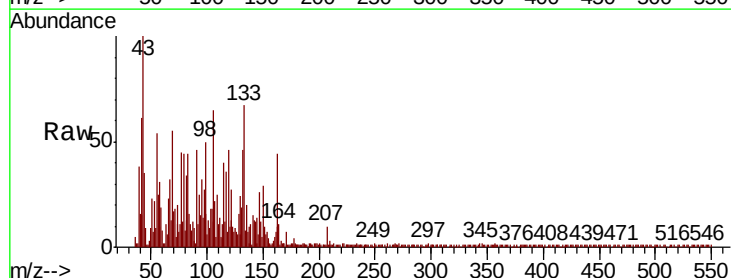
Instrument :
BNA_P
ClientSampleId :

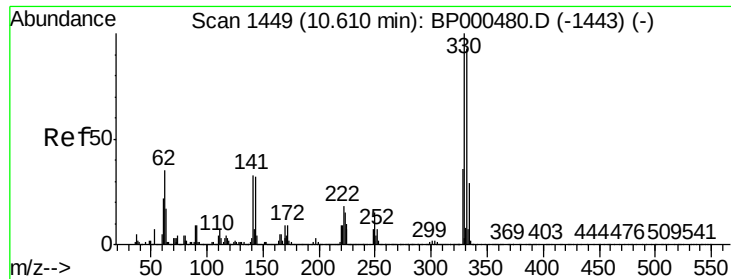
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	45.4	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.311 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BP000526.D
Acq: 04 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
237	100		
235	57.1	42.9	82.9
272	17.9	0.0	32.4





#42

2,4,6-Tribromophenol

Concen: 147.323 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

Instrument :

BNA_P

ClientSampleId :

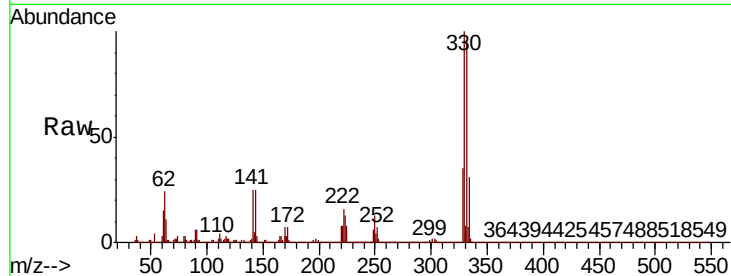
Tot Ion:330 Resp: 413646

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

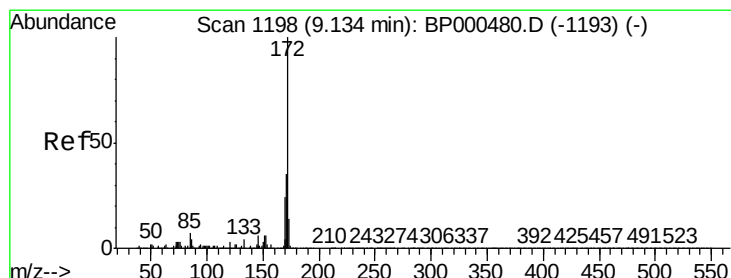
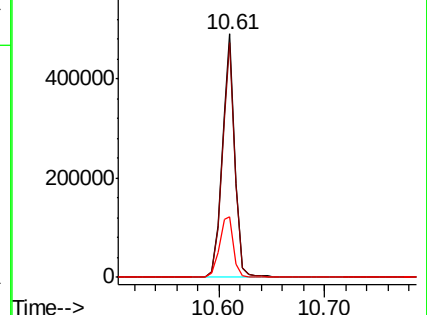
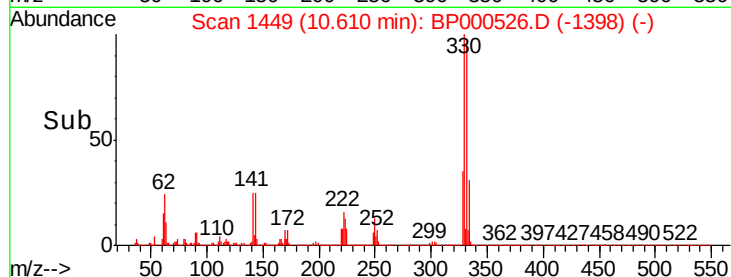
141 28.5 26.0 39.0



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: 113.878 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

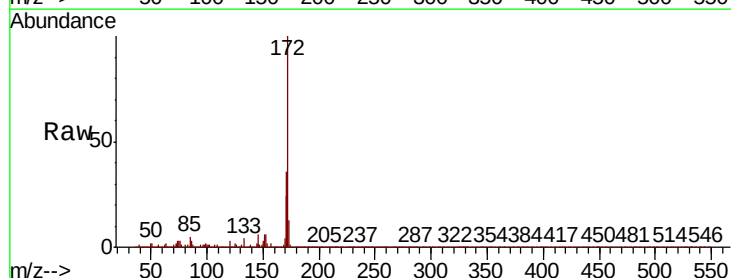
Tgt Ion:172 Resp: 1854464

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

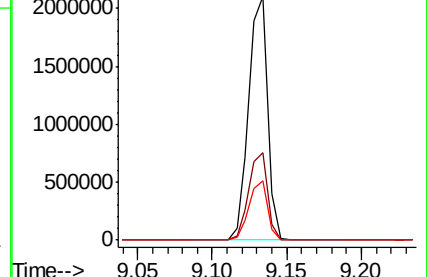
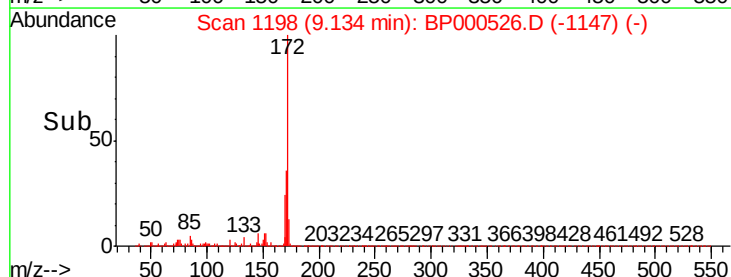
170 24.2 19.1 28.7

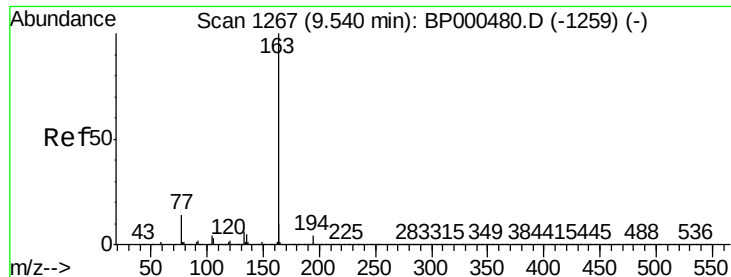


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.565 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

Instrument :

BNA_P

ClientSampleId :

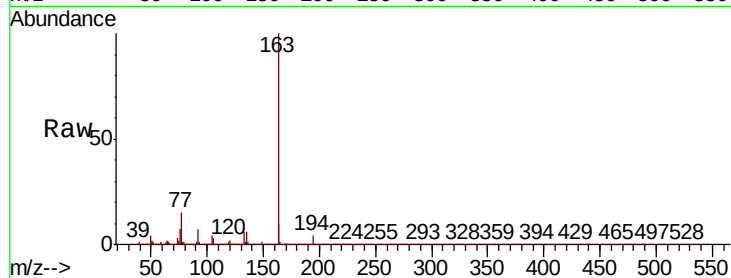
Tot Ion:163 Resp: 211736

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

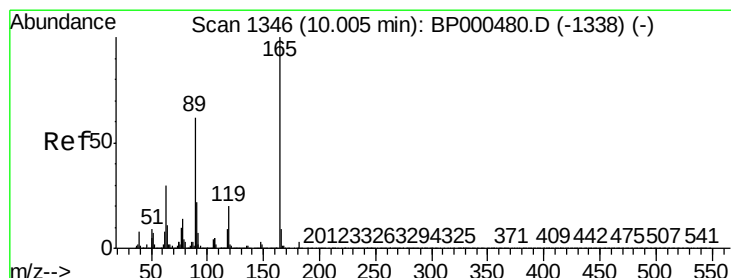
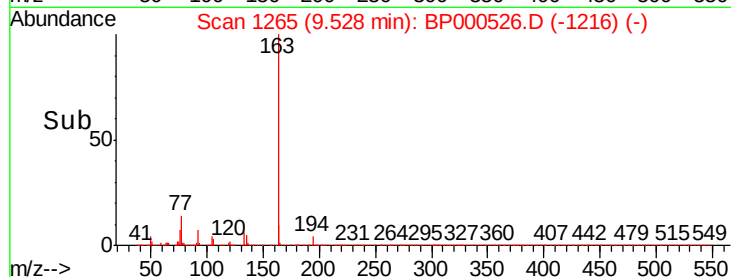
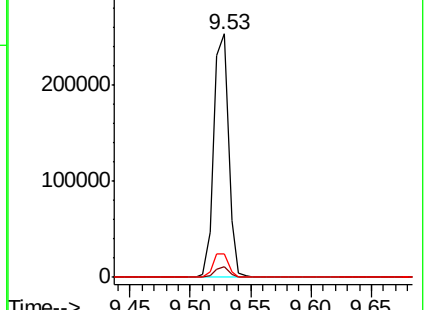
164 9.8 8.0 12.0



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: 6.541 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

Tgt Ion:165 Resp: 34627

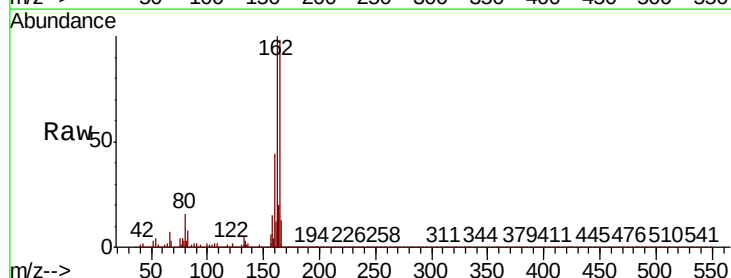
Ion Ratio Lower Upper

165 100

63 1.2 24.2 36.4#

89 1.6 49.4 74.0#

182 0.2 2.5 3.7#

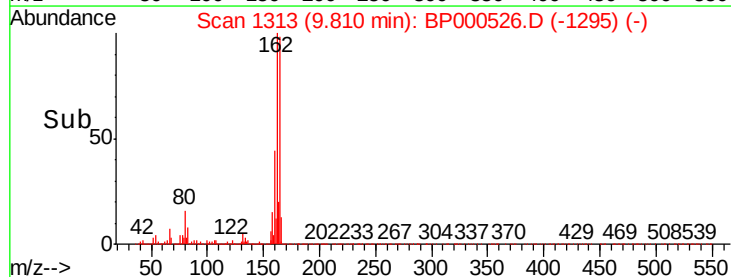
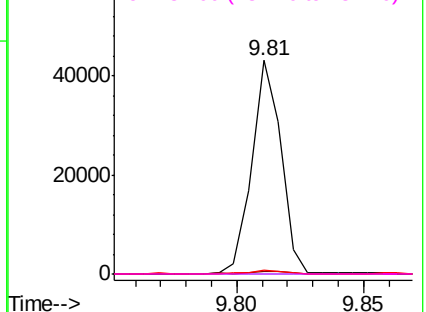


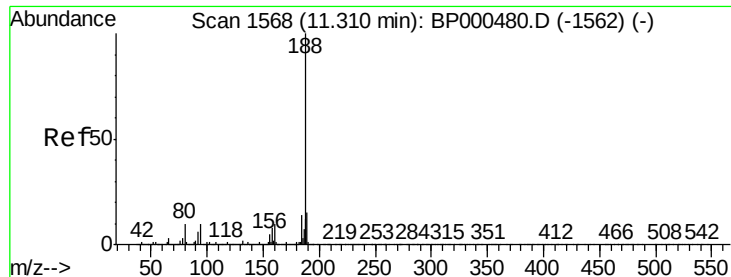
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

Instrument :

BNA_P

ClientSampleId :

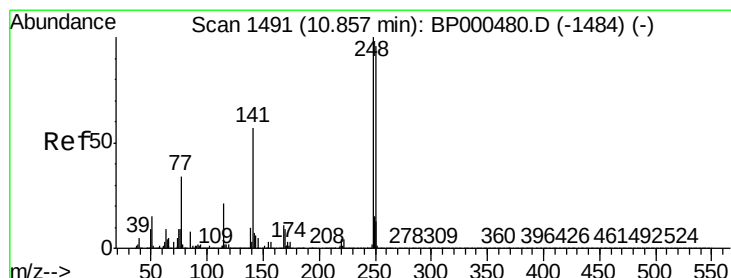
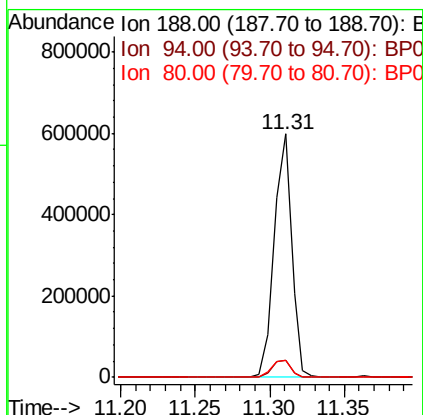
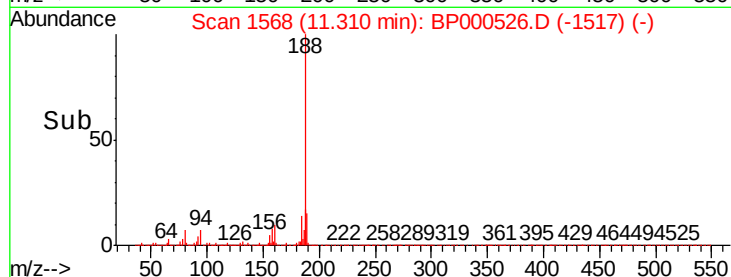
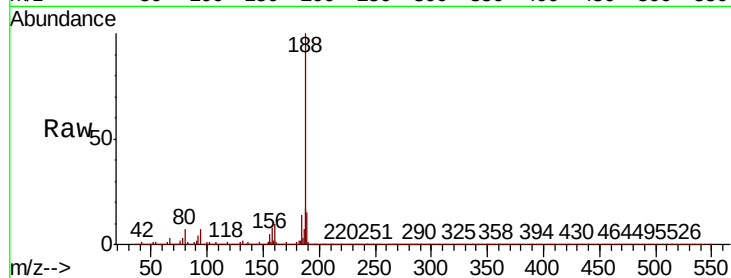
Tot Ion:188 Resp: 487876

Ion Ratio Lower Upper

188 100

94 6.8 8.2 12.2#

80 7.2 8.3 12.5#



#67

4-Bromophenyl-phenylether

Concen: 5.009 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000526.D

Acq: 04 Oct 2019 22:49

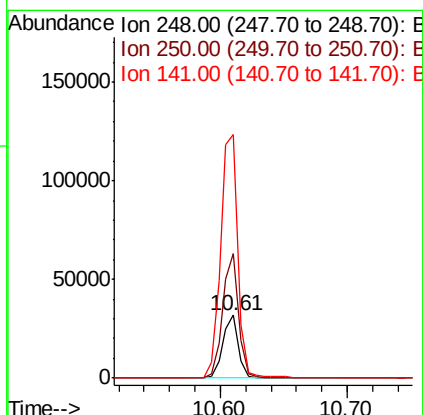
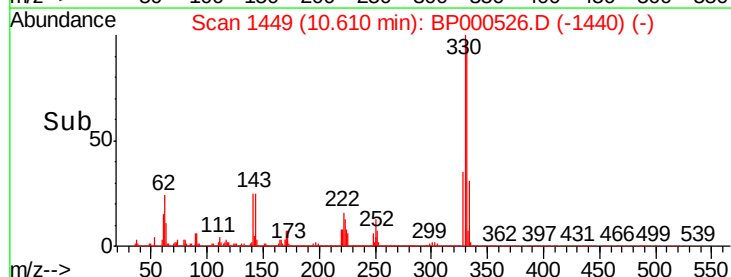
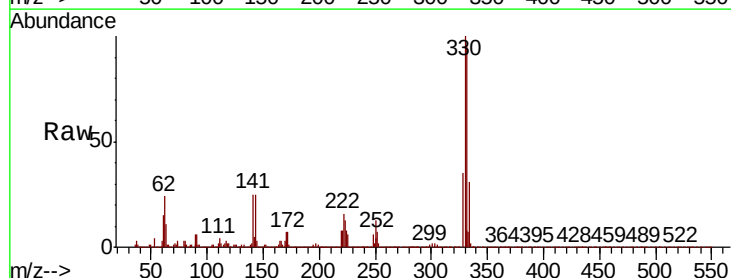
Tgt Ion:248 Resp: 27511

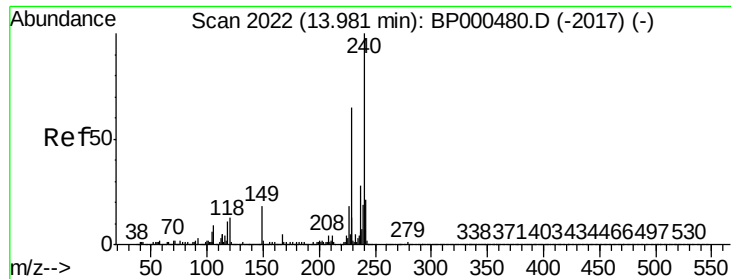
Ion Ratio Lower Upper

248 100

250 198.7 77.2 115.8#

141 386.8 45.3 67.9#

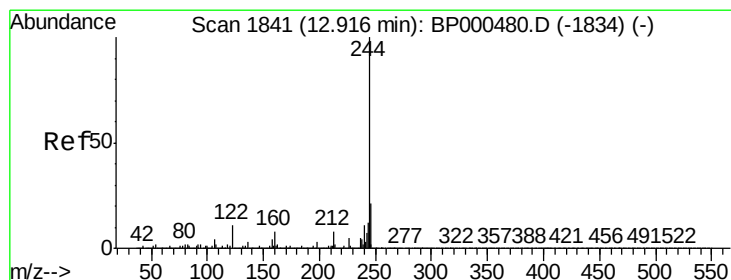
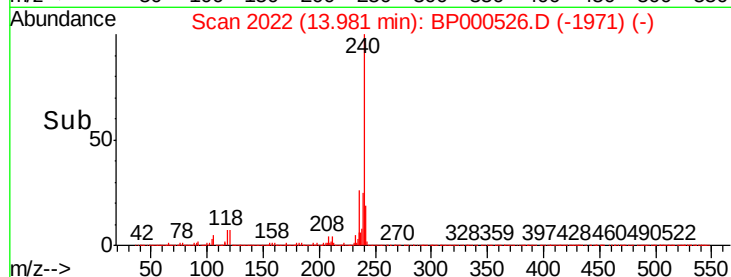
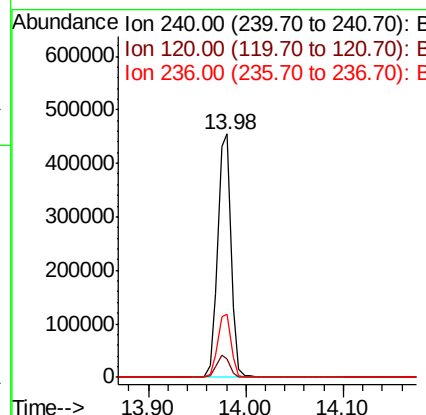
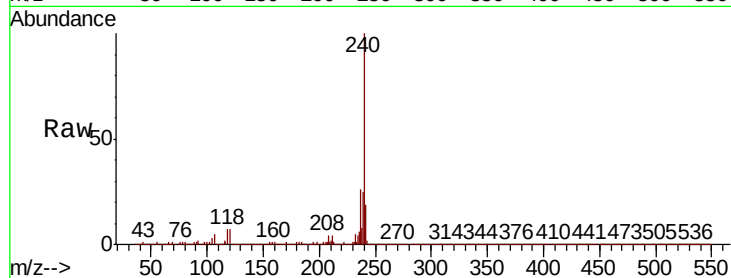




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BP000526.D
 Acq: 04 Oct 2019 22:49

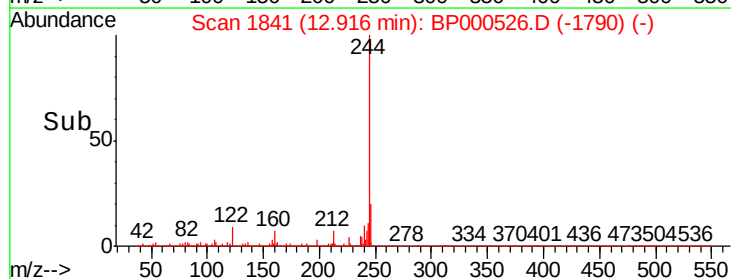
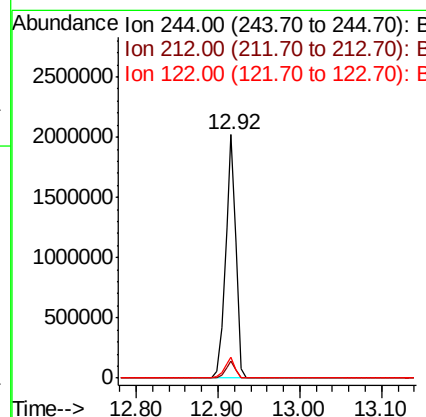
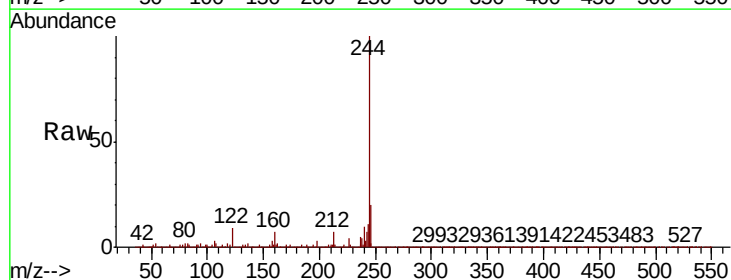
Instrument :
 BNA_P
 ClientSampleId :

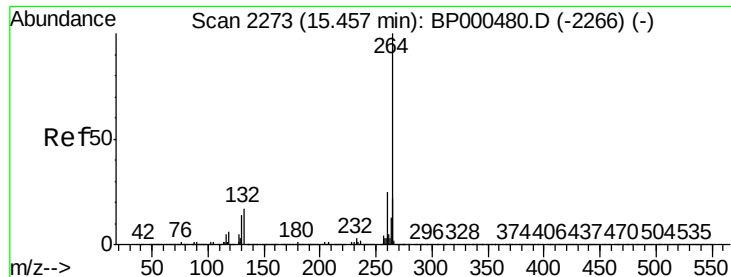
Tot Ion:240 Resp: 432858
 Ion Ratio Lower Upper
 240 100
 120 7.4 10.1 15.1#
 236 26.1 22.7 34.1



#79
 Terphenyl-d14
 Concen: 82.340 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BP000526.D
 Acq: 04 Oct 2019 22:49

Tgt Ion:244 Resp: 1760310
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 8.6 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: BP000526.D
Acq: 04 Oct 2019 22:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	21.4	18.0	27.0

