

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000503.D
 Acq On : 03 Oct 2019 18:22
 Operator : JU
 Sample : K5131-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190828-COMPOSITE-D

Quant Time: Oct 04 01:30:32 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	287638	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1017964	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	518814	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	566641	20.00	ng	0.00
76) Chrysene-d12	13.98	240	485411	20.00	ng	0.00
87) Perylene-d12	15.46	264	516088	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1821751	101.81	ng	0.02
7) Phenol-d6	6.42	99	2120330	98.33	ng	0.00
23) Nitrobenzene-d5	7.33	82	1434191	86.05	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	576390	104.26	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2887640	90.06	ng	0.00
79) Terphenyl-d14	12.92	244	2257453	94.16	ng	0.00

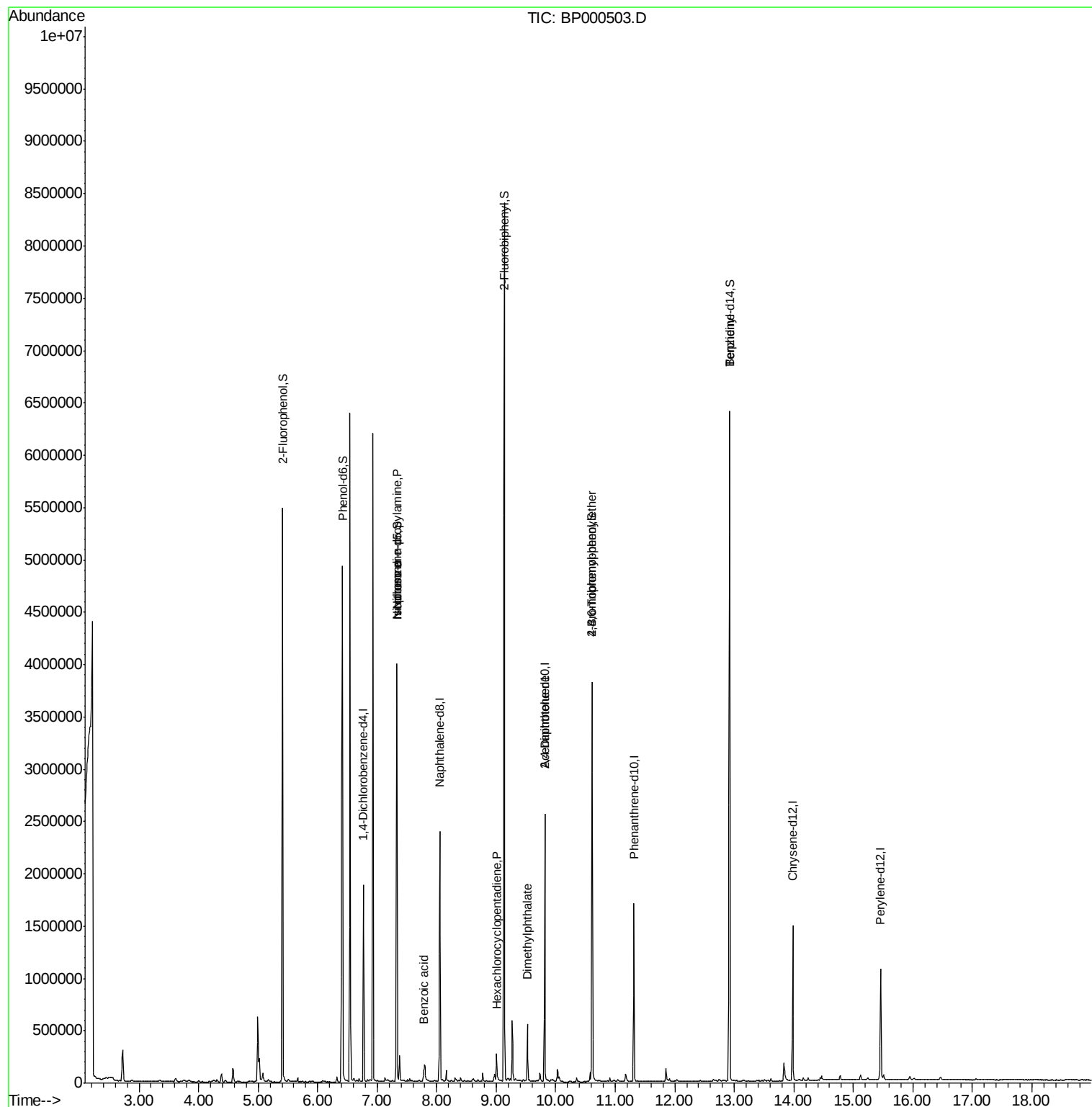
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	180380	18.148	ng	# 72
25) Isophorone	7.33	82	1433879	48.473	ng	# 61
32) Benzoic acid	7.79	122	32305	3.948	ng	99
41) Hexachlorocyclopentadiene	9.00	237	6	7.298	ng	76
50) Dimethylphthalate	9.53	163	199009	5.520	ng	100
57) 2,4-Dinitrotoluene	9.82	165	67859	6.510	ng	# 32
67) 4-Bromophenyl-phenylether	10.61	248	38174	5.985	ng	# 1
77) Benzidine	12.92	184	31484	2.240	ng	97

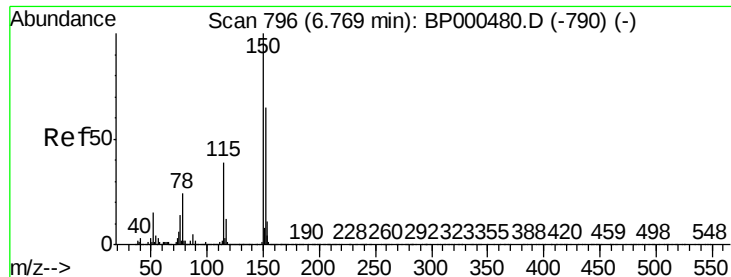
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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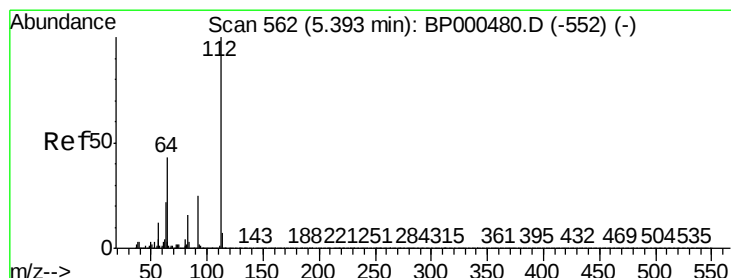
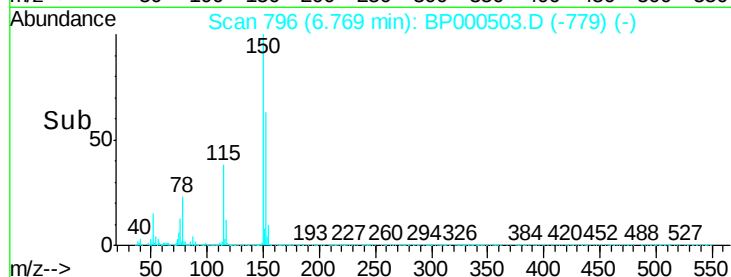
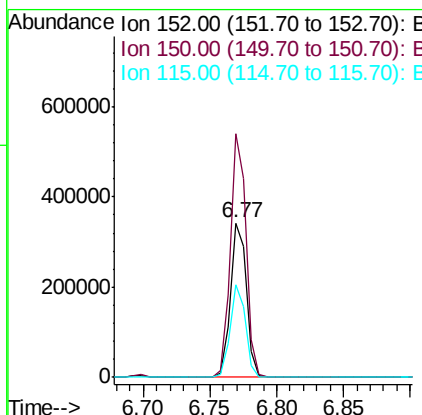
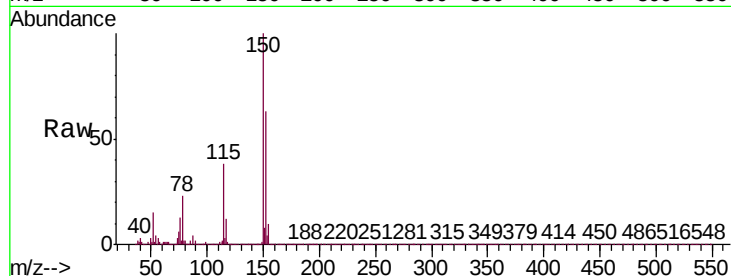


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

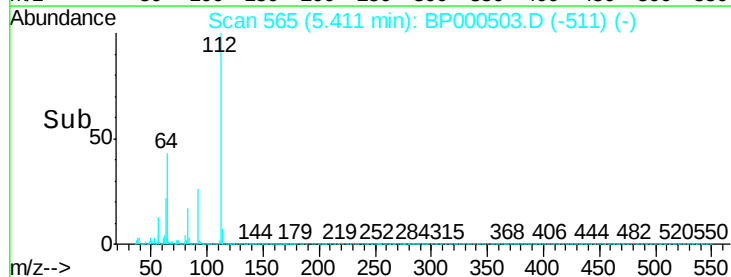
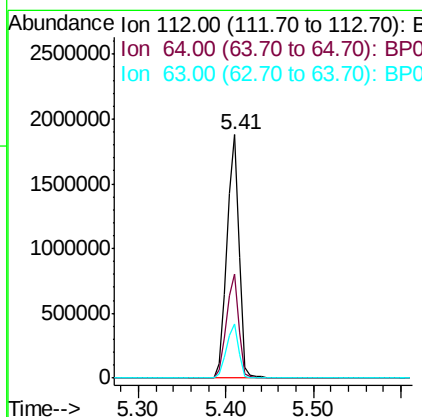
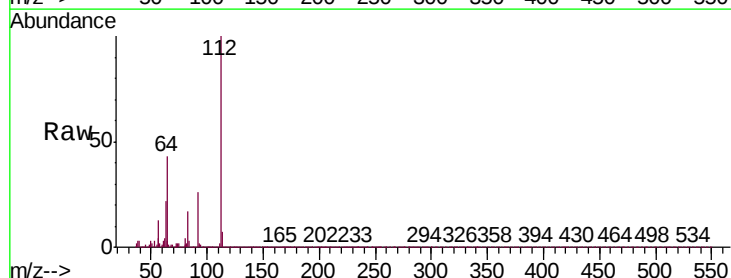
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.1	186.1
115	60.4	48.7	73.1

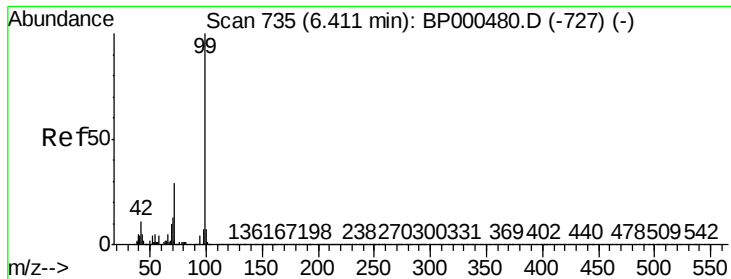


#5

2-Fluorophenol
Concen: 101.807 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.6	34.2	51.4
63	22.5	17.9	26.9





#7

Phenol-d6

Concen: 98.331 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Instrument :

BNA_P

ClientSampleId :

20190828-COMPOSITE-D

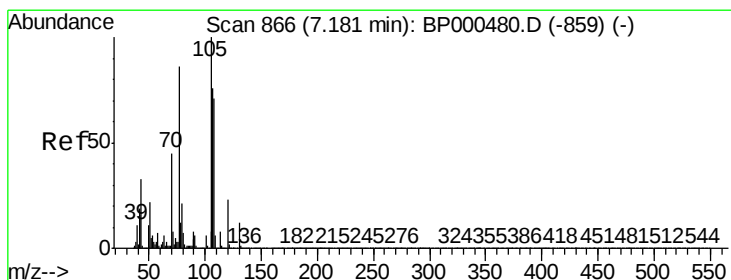
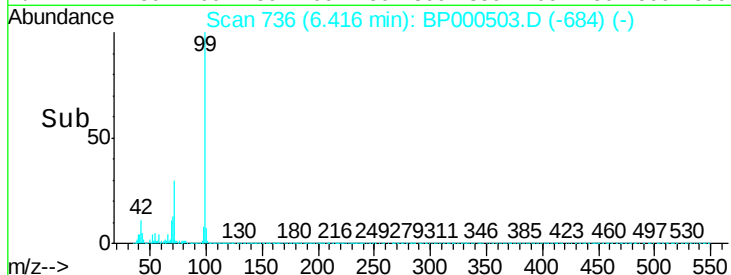
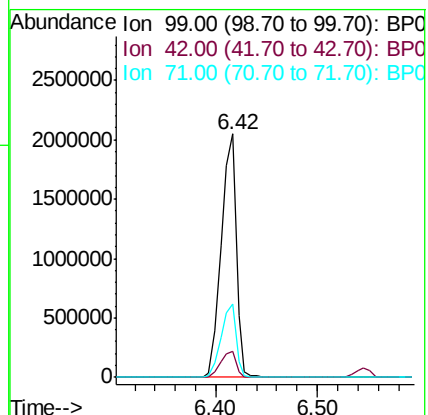
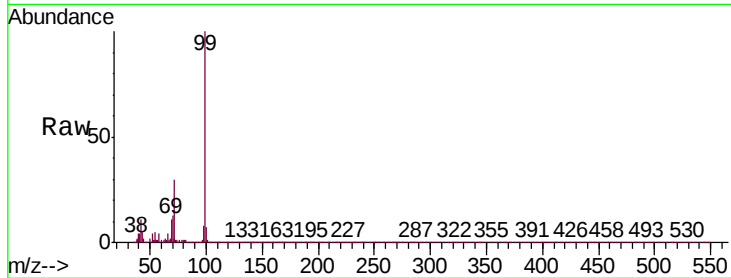
Tgt Ion: 99 Resp: 2120330

Ion Ratio Lower Upper

99 100

42 10.9 8.6 12.8

71 30.2 23.0 34.4



#19

n-Nitroso-di-n-propylamine

Concen: 18.148 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Tgt Ion: 70 Resp: 180380

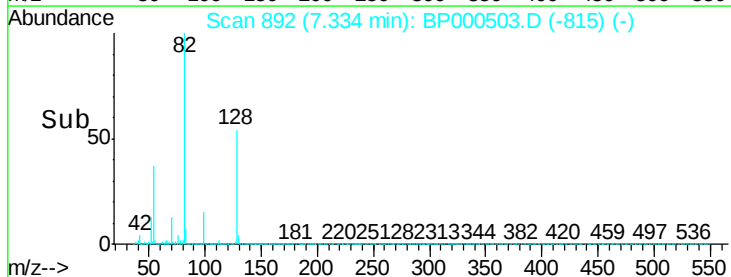
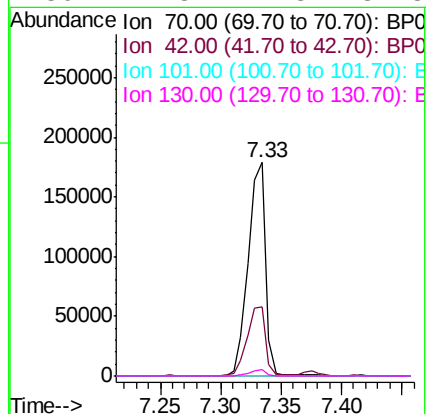
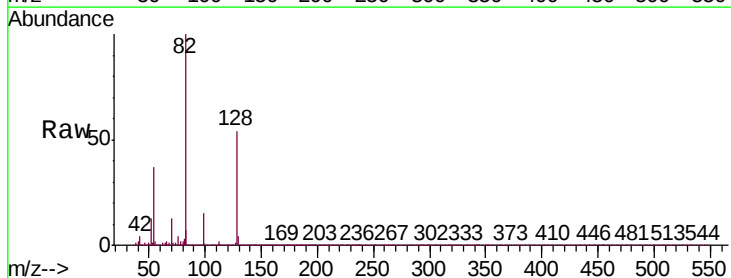
Ion Ratio Lower Upper

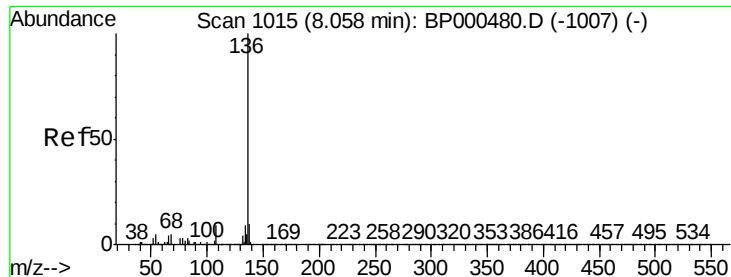
70 100

42 32.4 33.2 49.8#

101 0.1 9.9 14.9#

130 2.8 21.8 32.8#

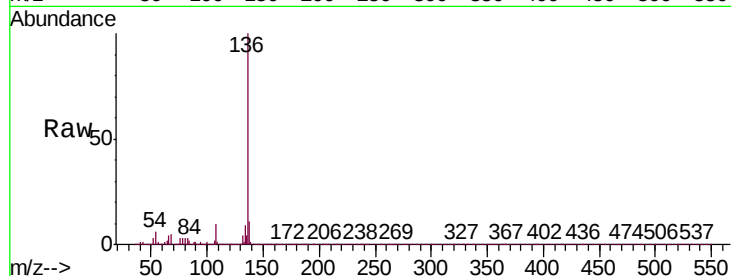




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tgt Ion:	136	Resp:	1017964
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.6	4.1	6.1
68	5.4	4.1	6.1



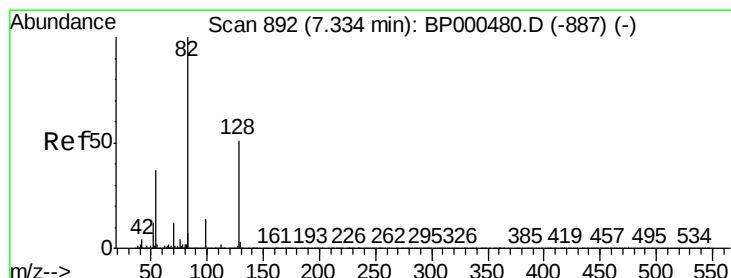
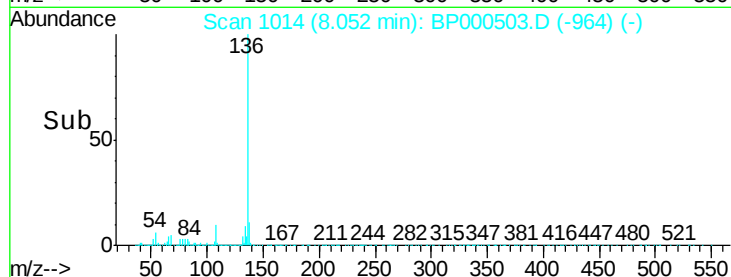
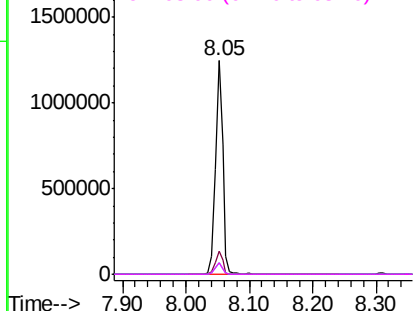
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

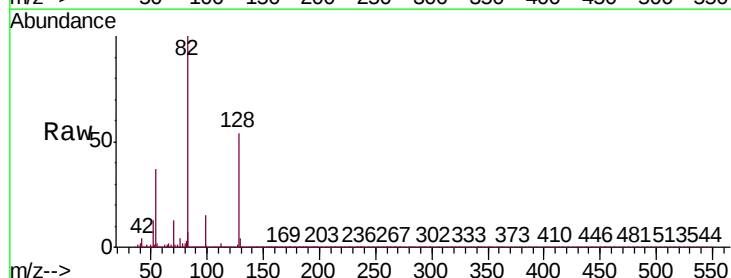
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23
Nitrobenzene-d5
Concen: 86.048 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Tgt Ion:	82	Resp:	1434191
Ion	Ratio	Lower	Upper
82	100		
128	53.5	40.9	61.3
54	36.7	29.4	44.2

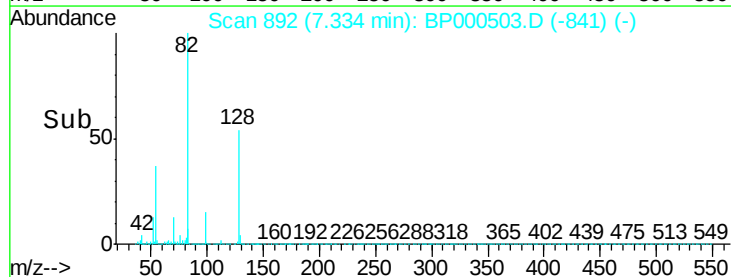
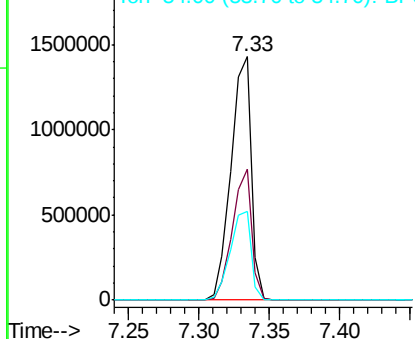


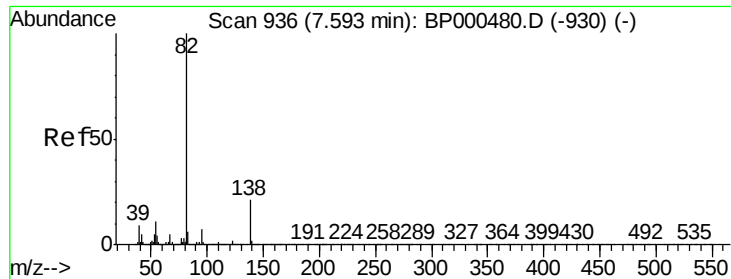
Abundance

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: 48.473 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Instrument :

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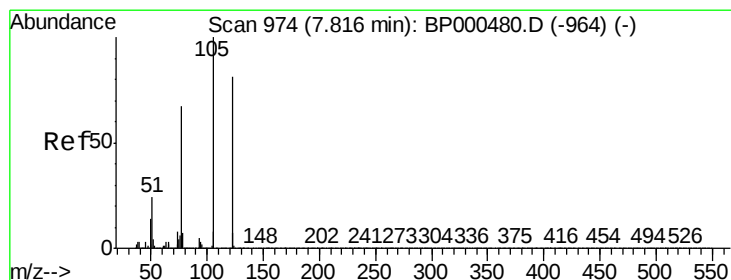
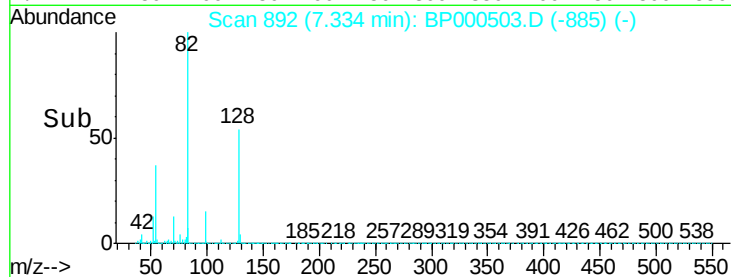
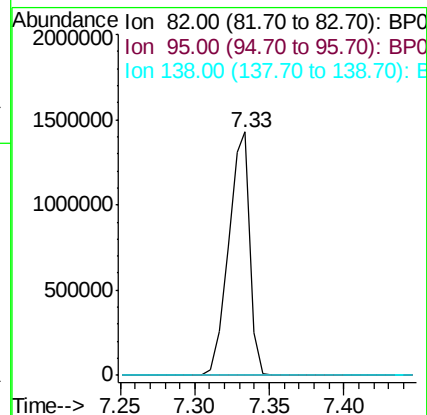
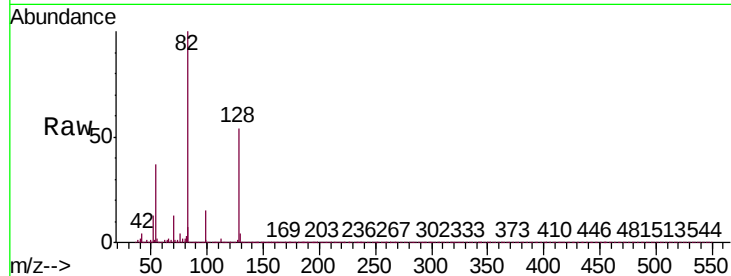
Tgt Ion: 82 Resp: 1433879

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 17.0 25.4#



#32

Benzoic acid

Concen: 3.948 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.03 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

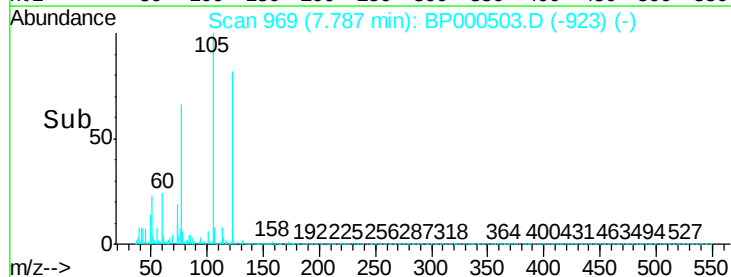
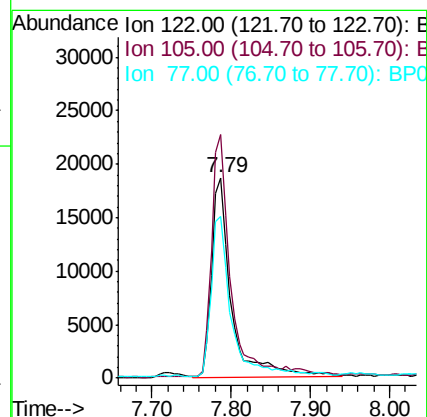
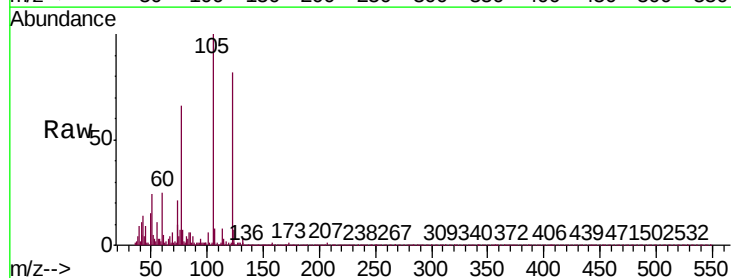
Tgt Ion: 122 Resp: 32305

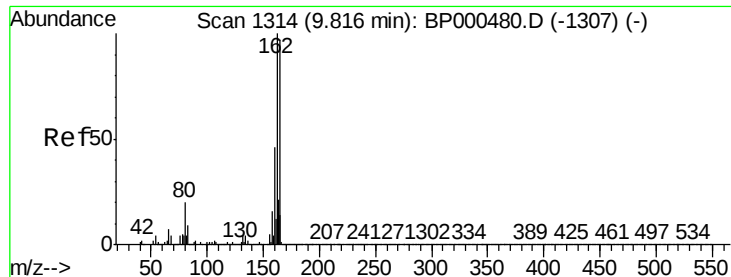
Ion Ratio Lower Upper

122 100

105 121.7 101.4 141.4

77 80.6 62.1 102.1

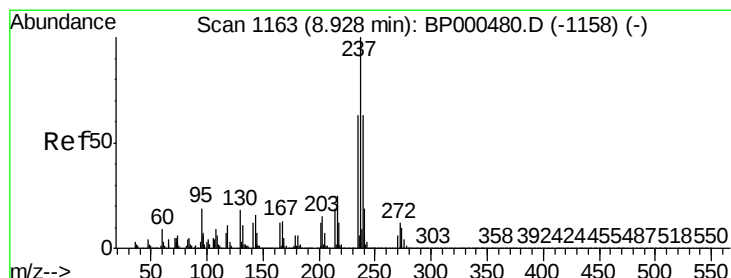
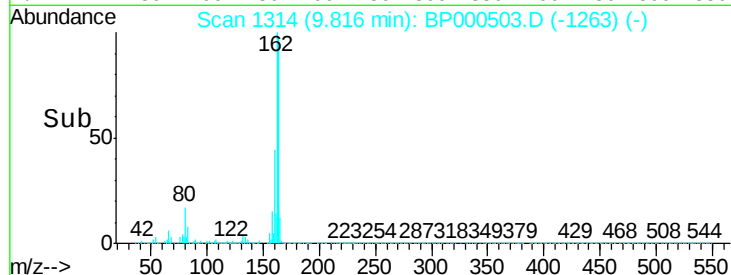
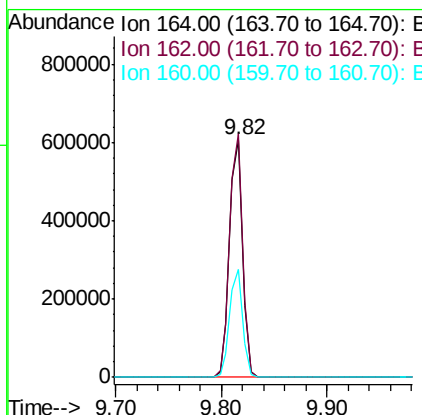
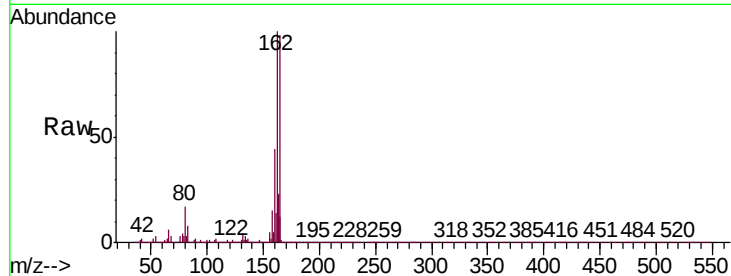




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

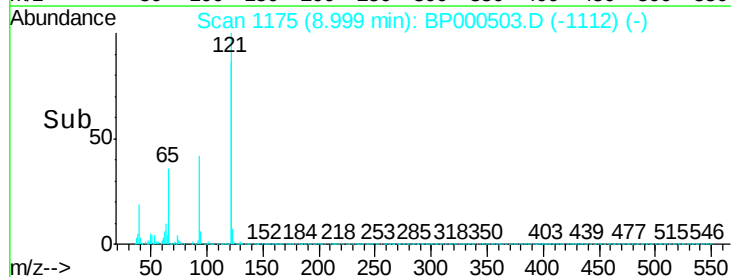
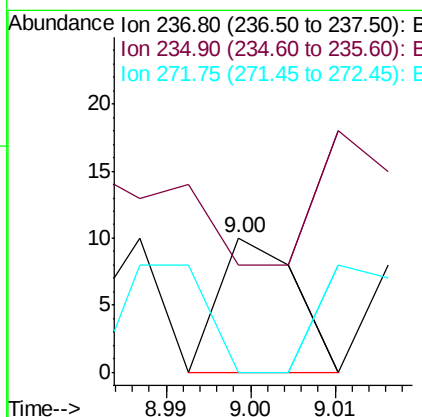
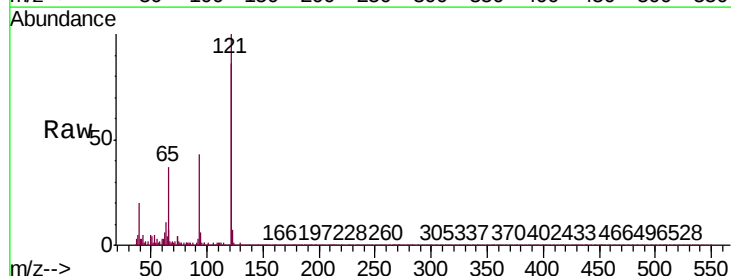
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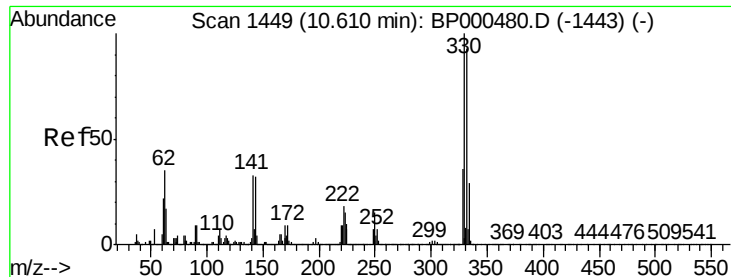
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	45.4	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.07 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
237	100		
235	80.0	42.9	82.9
272	0.0	0.0	32.4

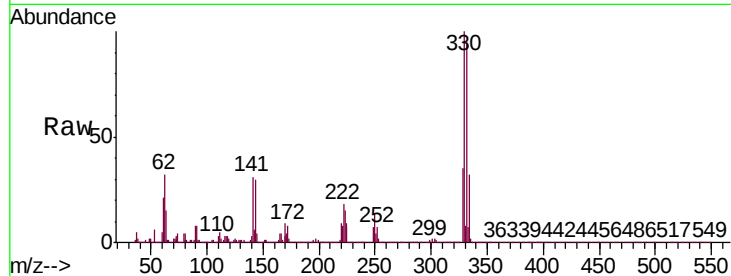




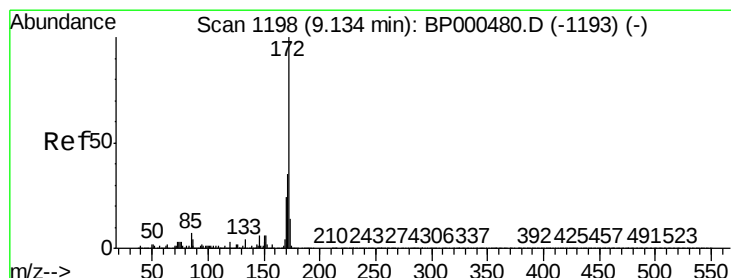
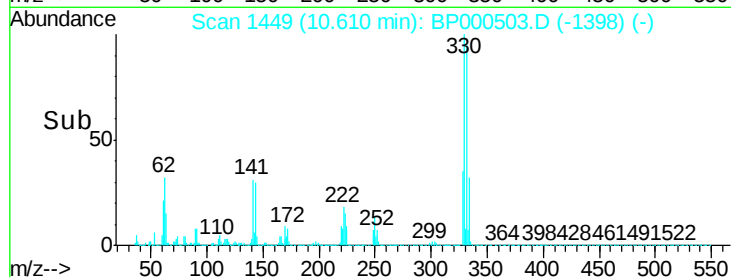
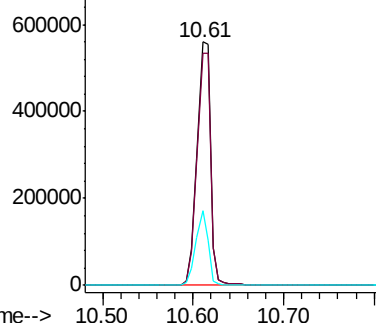
#42
2,4,6-Tribromophenol
Concen: 104.257 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

Tgt Ion: 330 Resp: 576390
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 28.1 26.0 39.0

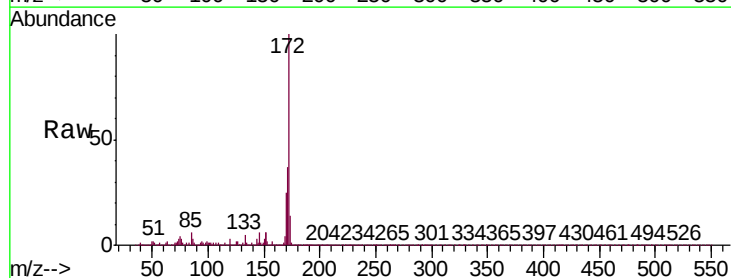


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

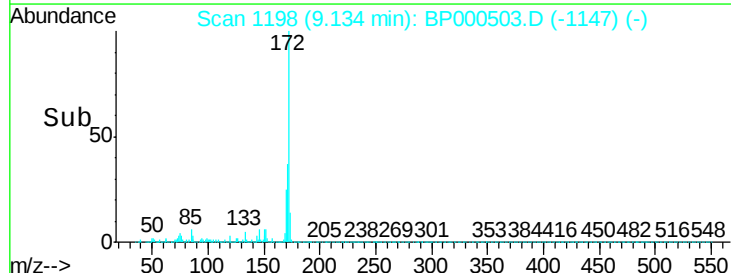
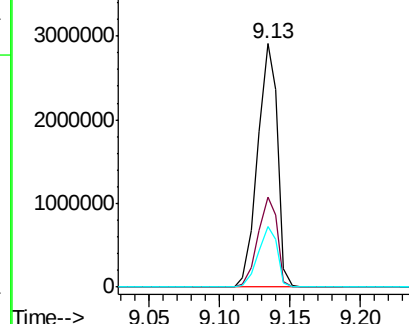


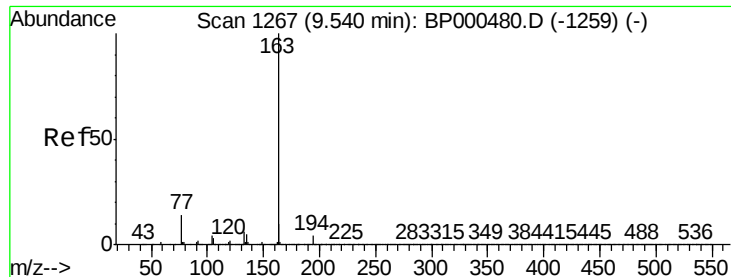
#45
2-Fluorobiphenyl
Concen: 90.055 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Tgt Ion: 172 Resp: 2887640
Ion Ratio Lower Upper
172 100
171 37.2 28.4 42.6
170 24.8 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

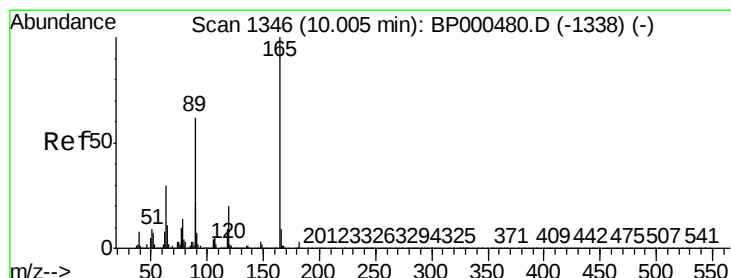
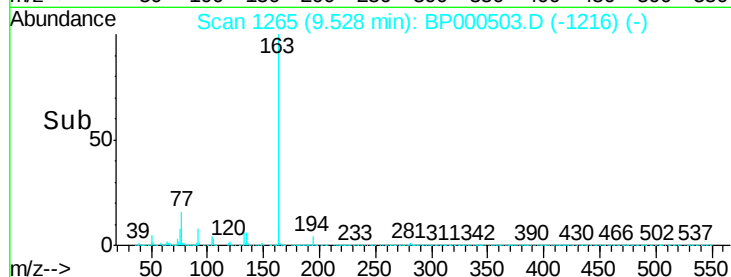
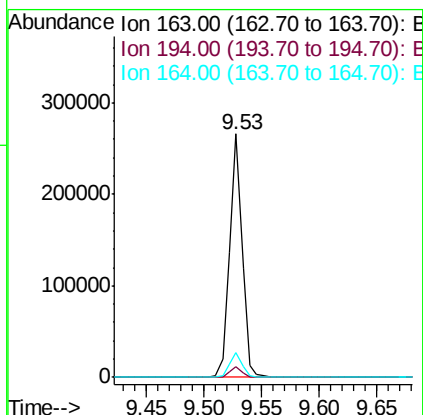
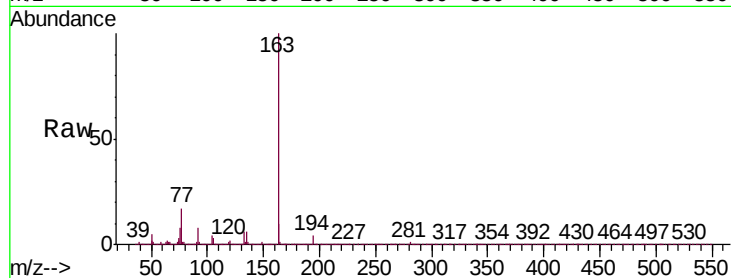




#50
Dimethylphthalate
Concen: 5.520 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

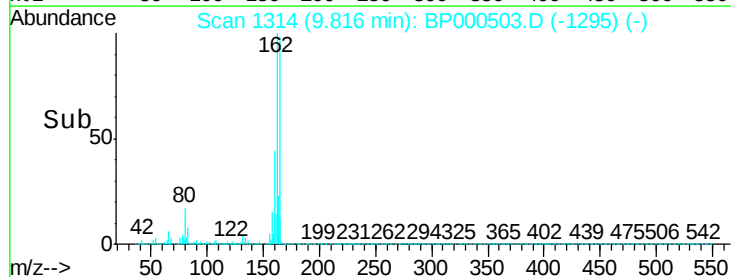
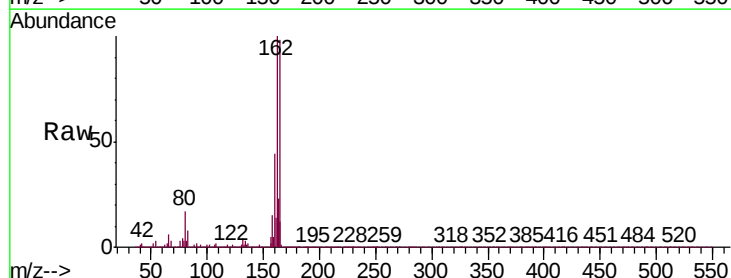
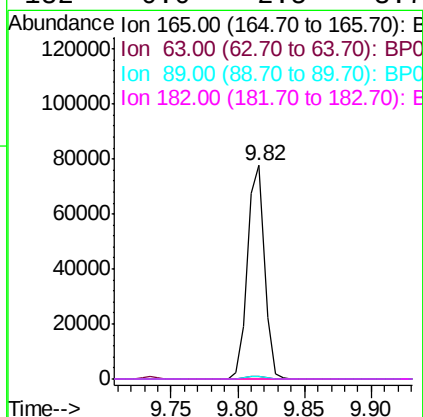
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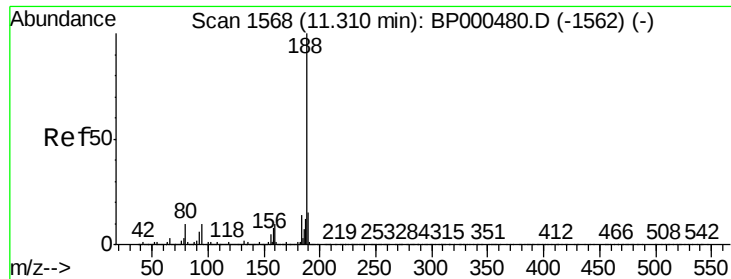
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.5	49.4	74.0#
182	0.0	2.5	3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Instrument :

BNA_P

ClientSampleId :

20190828-COMPOSITE-D

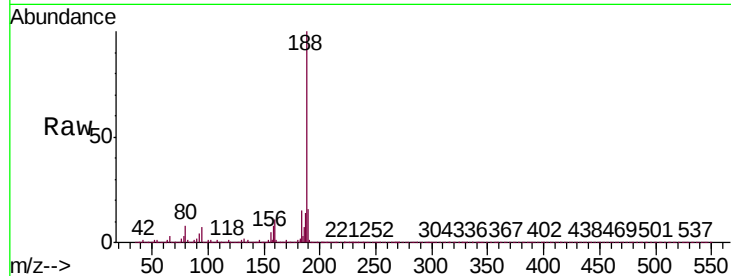
Tgt Ion:188 Resp: 566641

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.2#

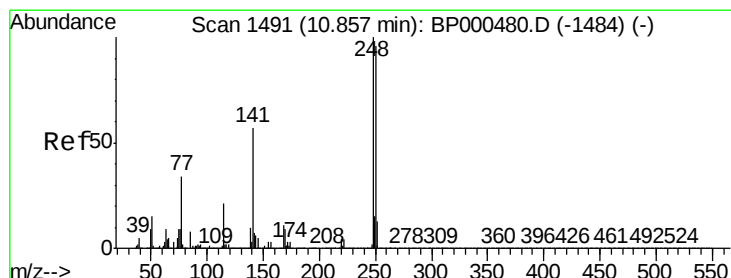
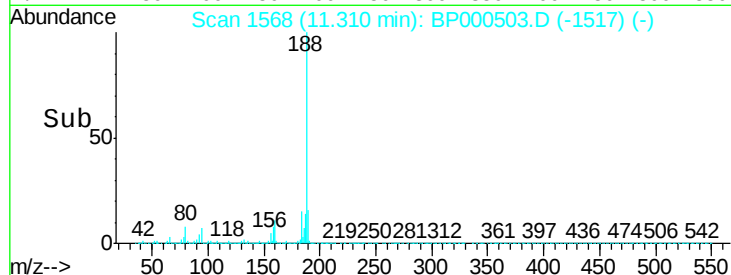
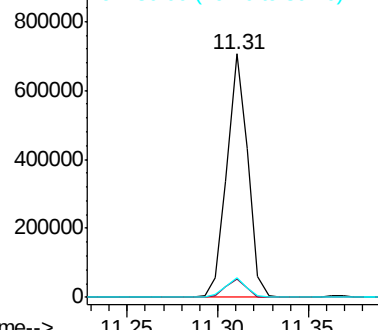
80 7.8 8.3 12.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#67

4-Bromophenyl-phenylether

Concen: 5.985 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

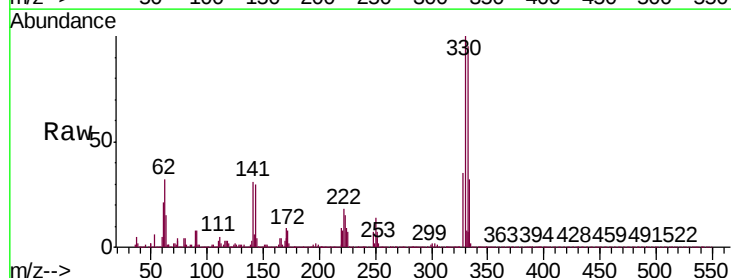
Tgt Ion:248 Resp: 38174

Ion Ratio Lower Upper

248 100

250 196.1 77.2 115.8#

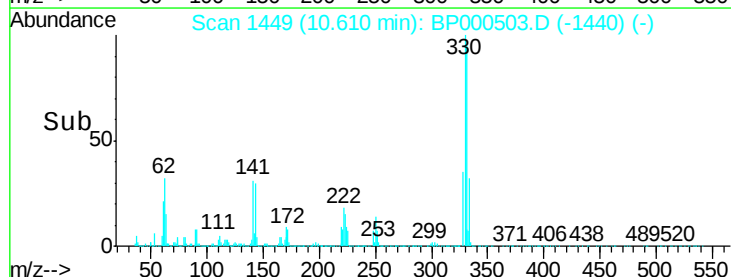
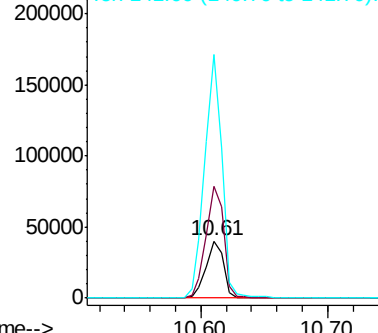
141 428.8 45.3 67.9#

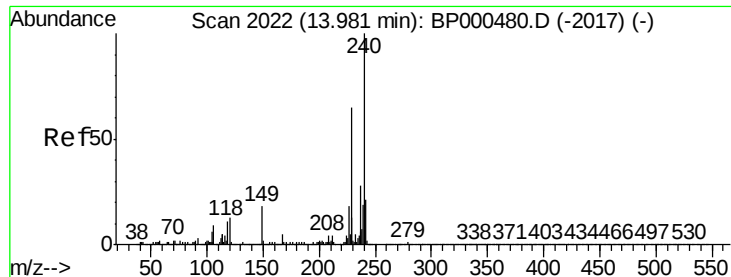


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

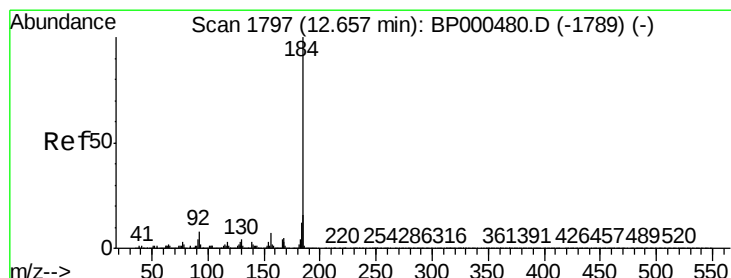
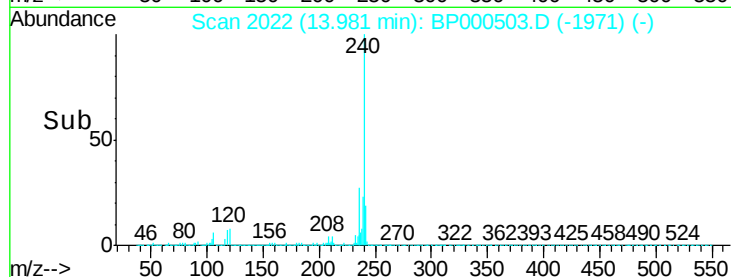
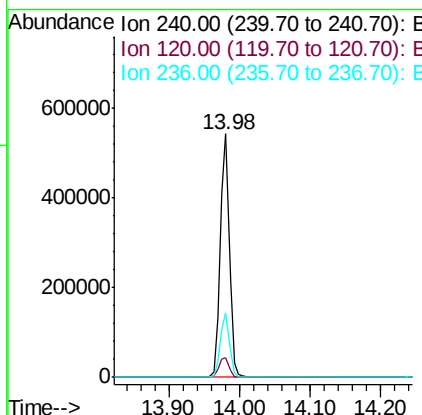
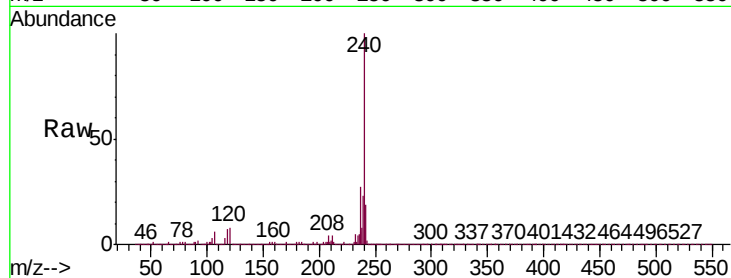




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

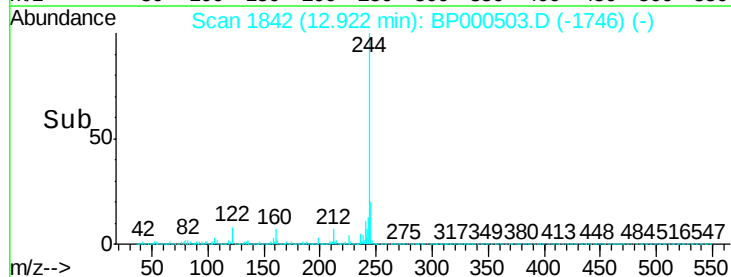
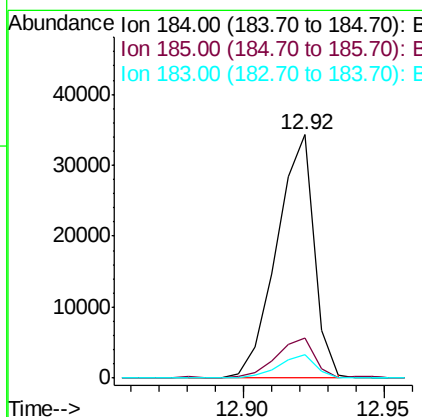
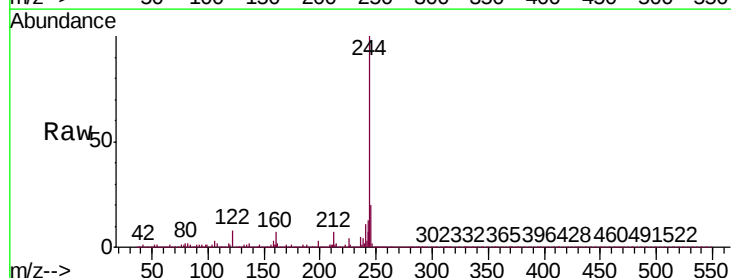
Instrument :
BNA_P
ClientSampleId :
20190828-COMPOSITE-D

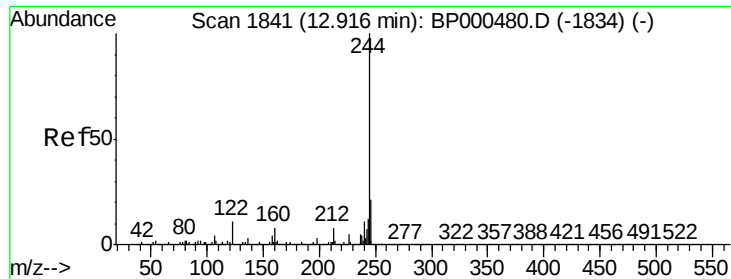
Tgt Ion:240 Resp: 485411
Ion Ratio Lower Upper
240 100
120 8.1 10.1 15.1#
236 26.5 22.7 34.1



#77
Benzidine
Concen: 2.240 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.26 min
Lab File: BP000503.D
Acq: 03 Oct 2019 18:22

Tgt Ion:184 Resp: 31484
Ion Ratio Lower Upper
184 100
185 16.4 12.7 19.1
183 9.8 9.7 14.5





#79

Terphenyl-d14

Concen: 94.162 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

Instrument :

BNA_P

ClientSampleId :

20190828-COMPOSITE-D

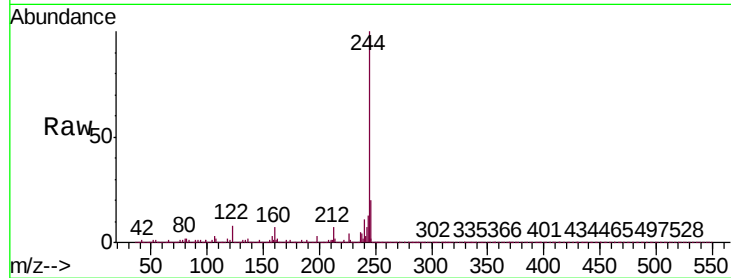
Tgt Ion:244 Resp: 2257453

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

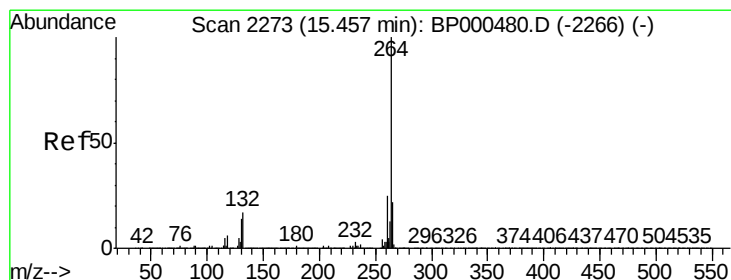
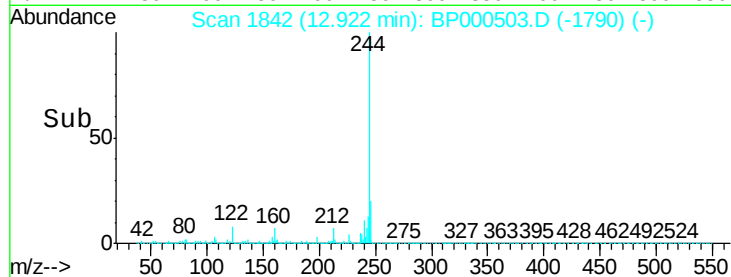
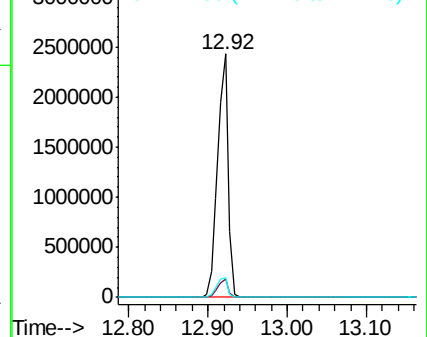
122 8.1 8.9 13.3#



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: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BP000503.D

Acq: 03 Oct 2019 18:22

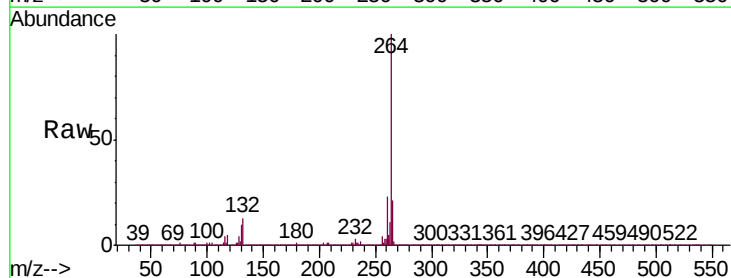
Tgt Ion:264 Resp: 516088

Ion Ratio Lower Upper

264 100

260 23.3 20.3 30.5

265 21.4 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

