

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000522.D
 Acq On : 04 Oct 2019 21:13
 Operator : JU
 Sample : K5205-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 04 23:43:09 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

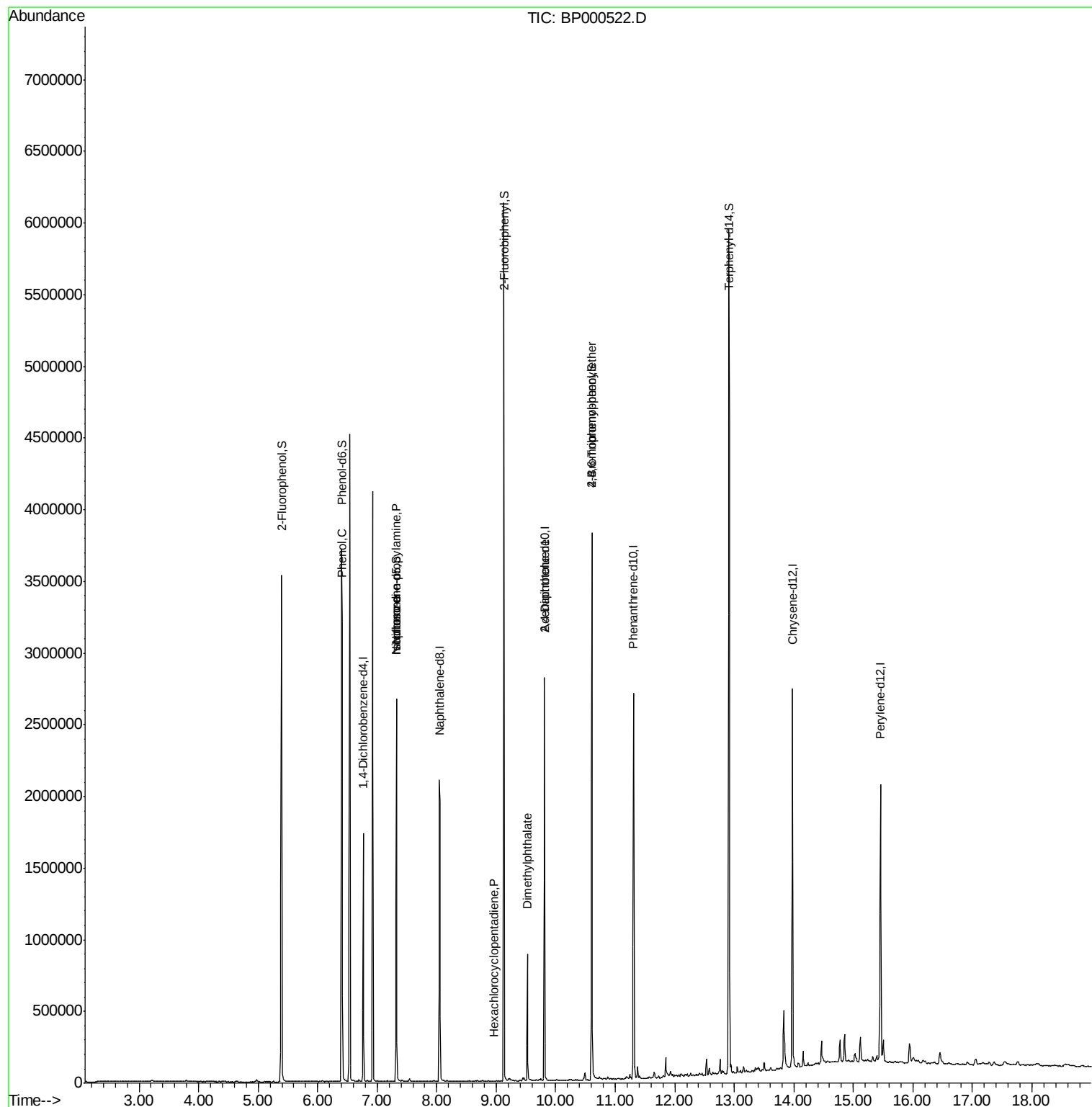
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	267984	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	982651	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	538167	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	990537	20.00	ng	0.00
76) Chrysene-d12	13.97	240	818441	20.00	ng	0.00
87) Perylene-d12	15.46	264	905732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1163813	69.81	ng	0.00
7) Phenol-d6	6.40	99	1533029	76.31	ng	0.00
23) Nitrobenzene-d5	7.32	82	857675	53.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	465971	81.25	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1768352	53.17	ng	0.00
79) Terphenyl-d14	12.91	244	2041185	50.50	ng	0.00
Target Compounds						
10) Phenol	6.42	94	51661	2.512	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	104925	11.331	ng	# 74
25) Isophorone	7.32	82	857114	30.016	ng	# 61
41) Hexachlorocyclopentadiene	8.98	237	21	7.300	ng	83
50) Dimethylphthalate	9.52	163	352594	9.429	ng	99
57) 2,4-Dinitrotoluene	9.81	165	70318	6.504	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	32148	2.883	ng	# 1

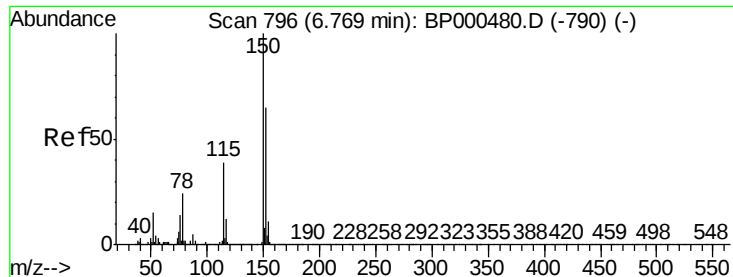
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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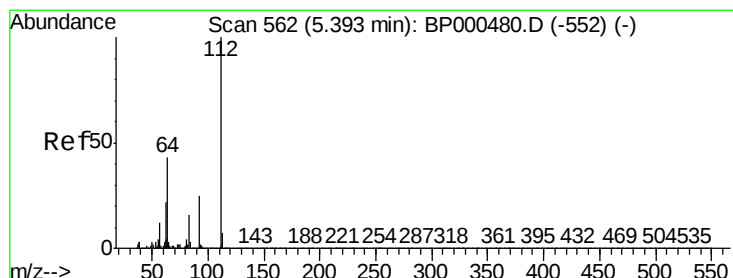
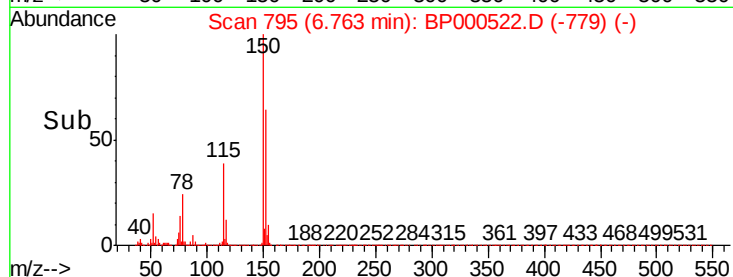
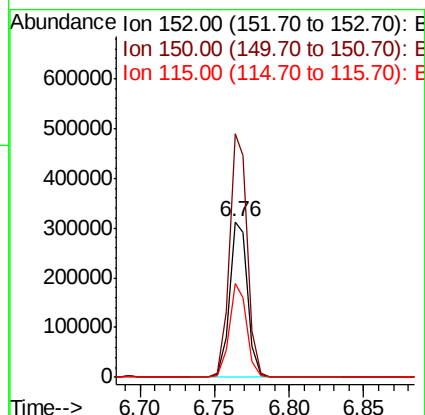
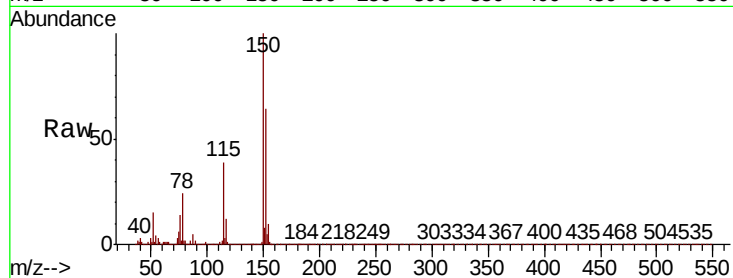


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

Instrument :
BNA_P
ClientSampleId :

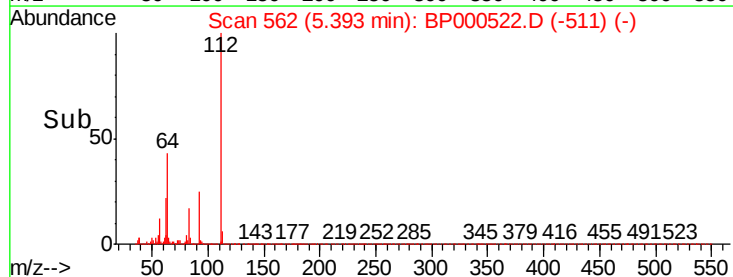
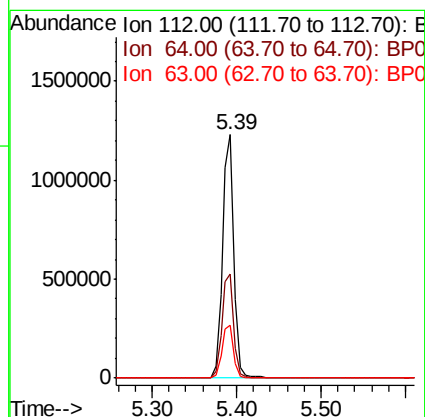
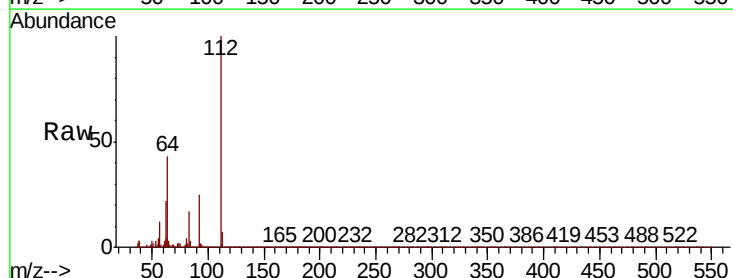
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.1	186.1
115	60.4	48.7	73.1

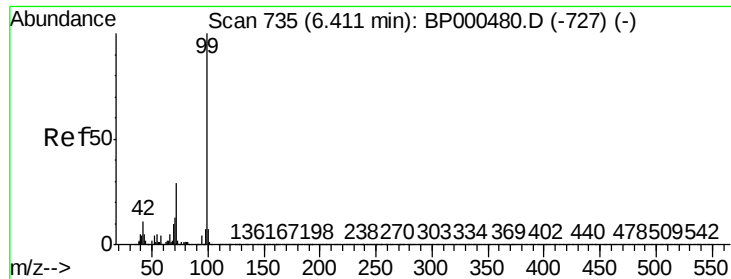


#5

2-Fluorophenol
Concen: 69.809 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.0	34.2	51.4
63	22.0	17.9	26.9





#7

Phenol-d6

Concen: 76.309 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000522.D

Acq: 04 Oct 2019 21:13

Instrument :

BNA_P

ClientSampleId :

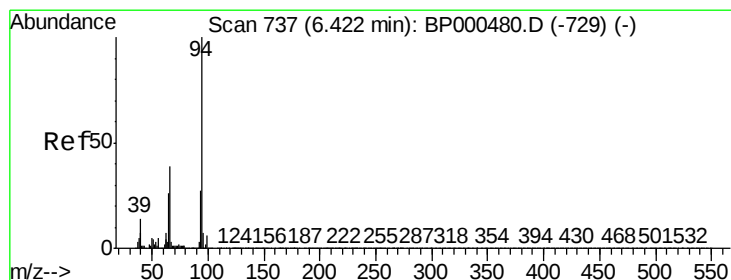
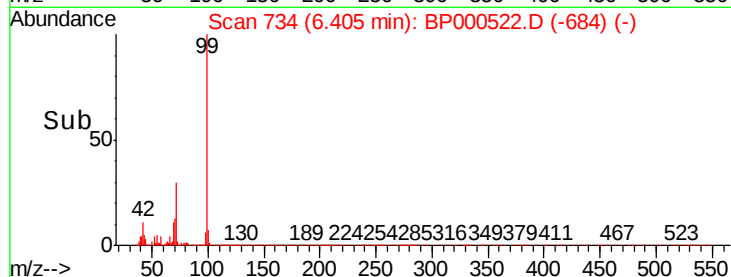
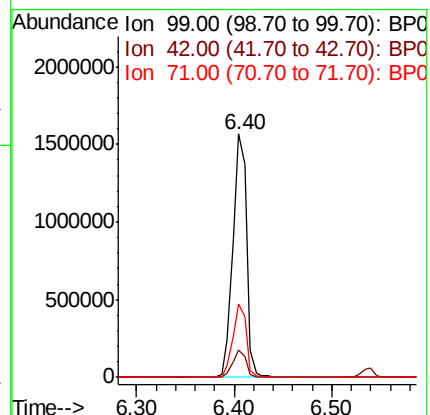
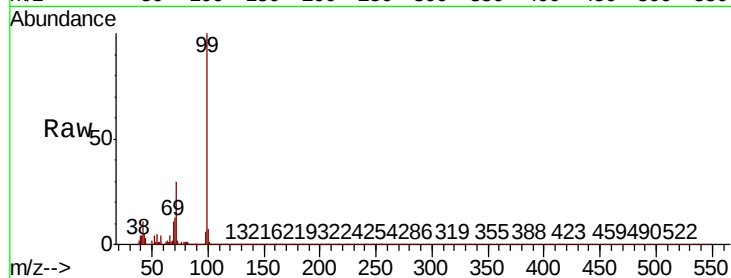
Tot Ion: 99 Resp: 1533029

Ion Ratio Lower Upper

99 100

42 11.2 8.6 12.8

71 30.4 23.0 34.4



#10

Phenol

Concen: 2.512 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000522.D

Acq: 04 Oct 2019 21:13

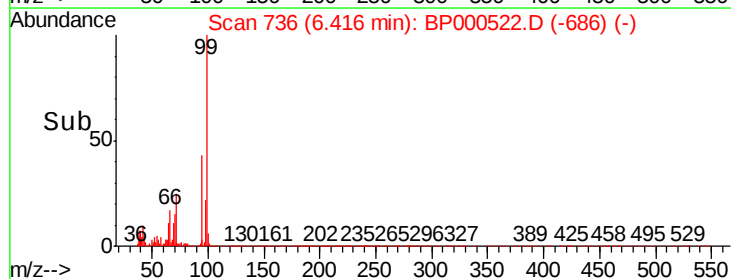
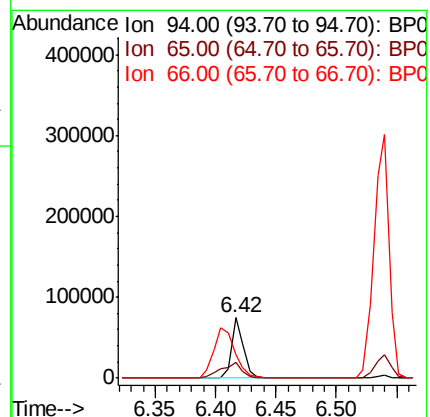
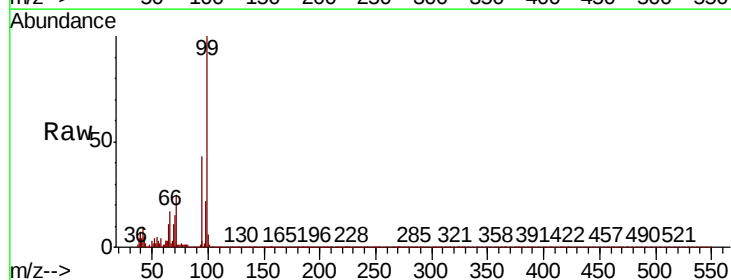
Tgt Ion: 94 Resp: 51661

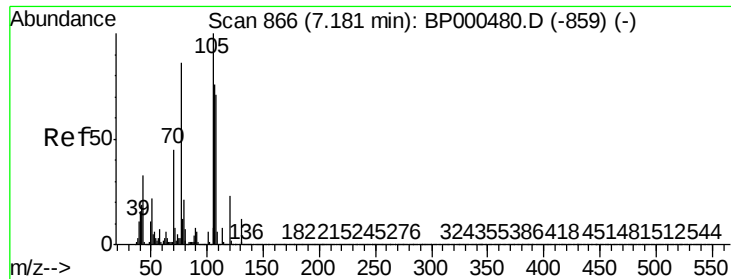
Ion Ratio Lower Upper

94 100

65 25.7 5.9 45.9

66 38.6 18.8 58.8

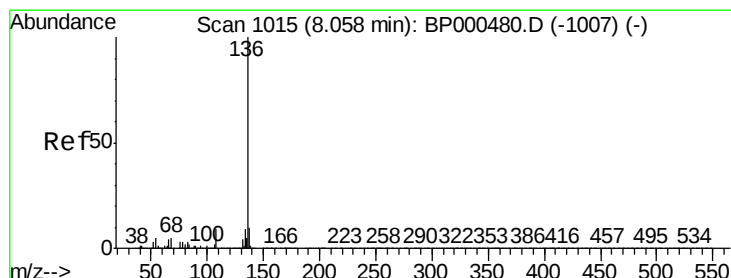
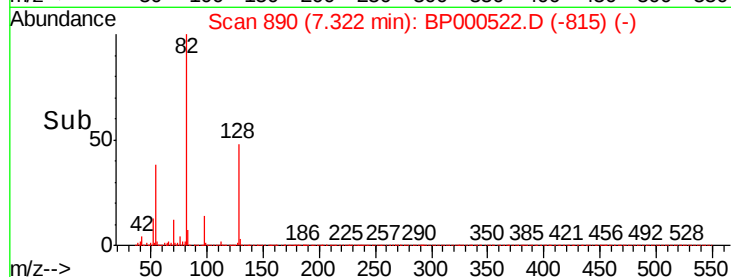
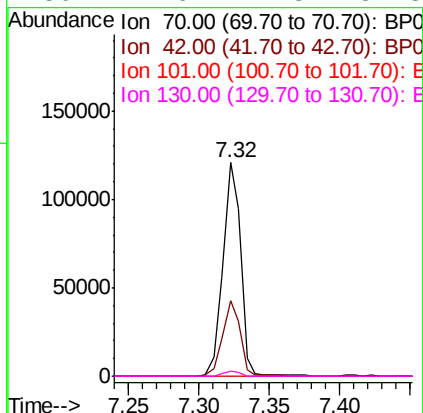
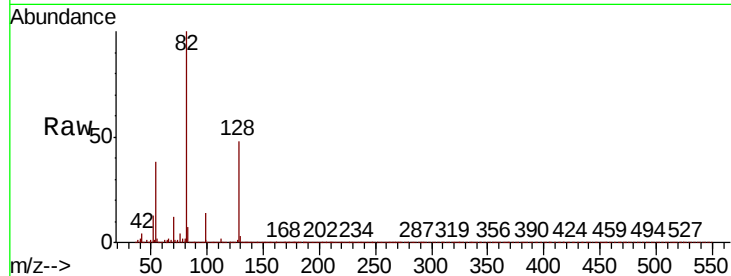




#19
n-Nitroso-di-n-propylamine
Concen: 11.331 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

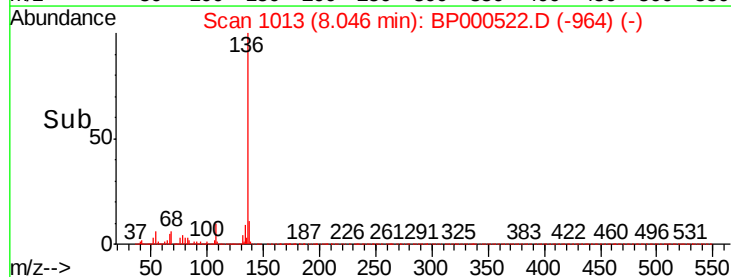
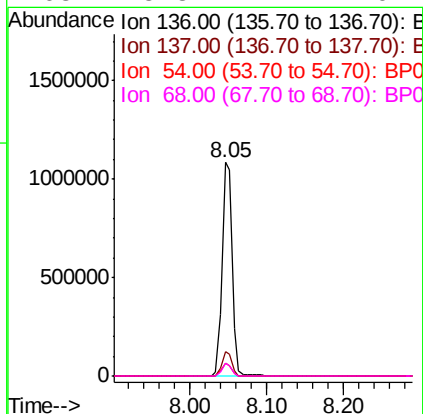
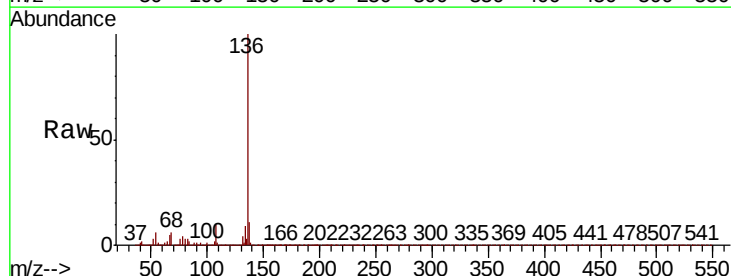
Instrument :
BNA_P
ClientSampleId :

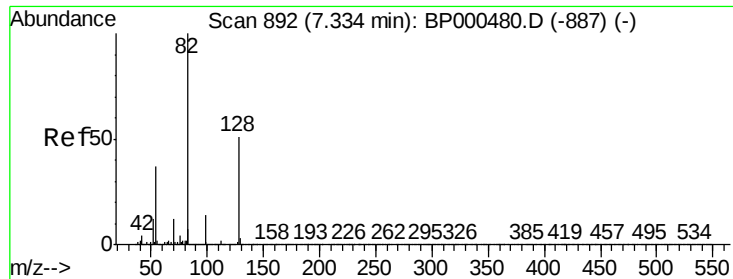
Tot Ion:	70	Resp:	104925
Ion	Ratio	Lower	Upper
70	100		
42	35.4	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

Tgt Ion:	136	Resp:	982651
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	6.1	4.1	6.1
68	5.8	4.1	6.1

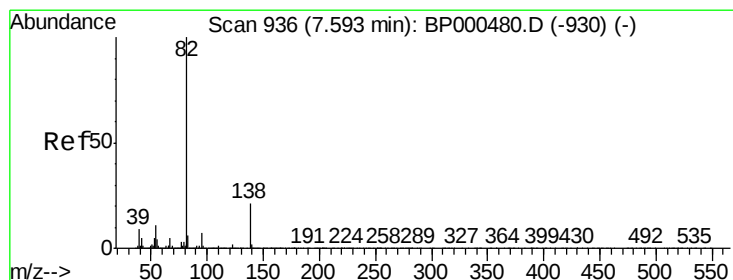
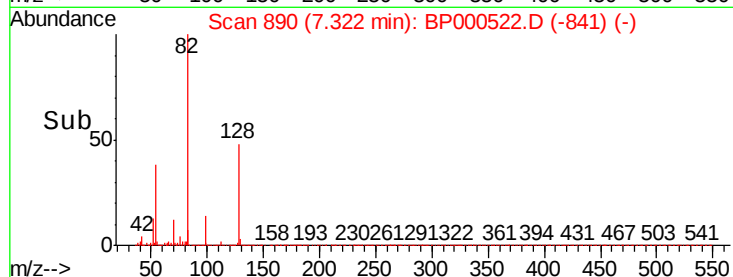
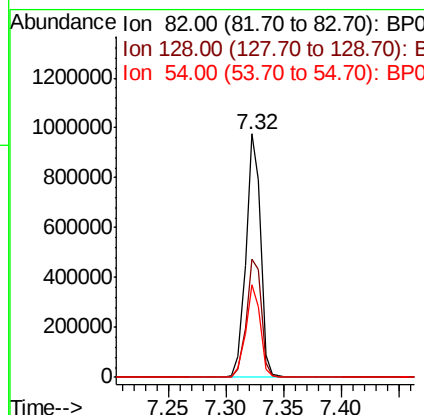
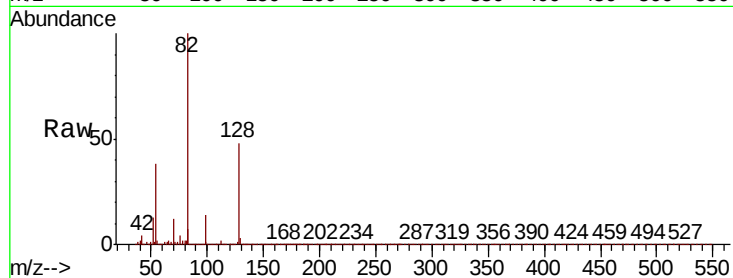




#23
 Nitrobenzene-d5
 Concen: 53.308 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BP000522.D
 Acq: 04 Oct 2019 21:13

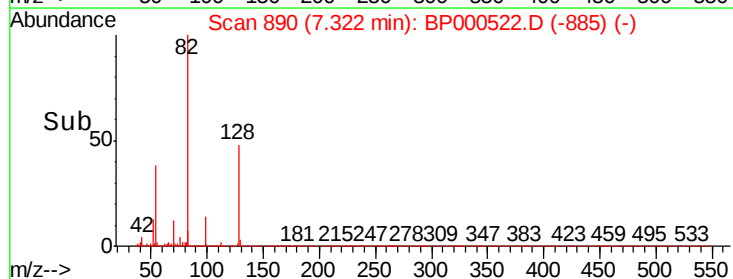
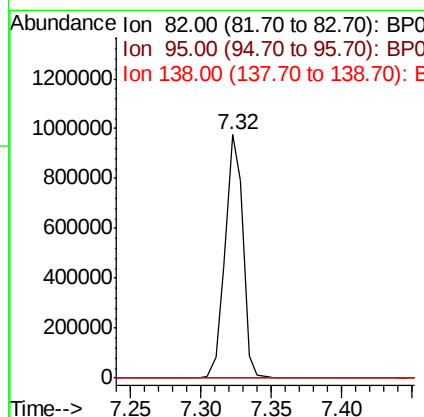
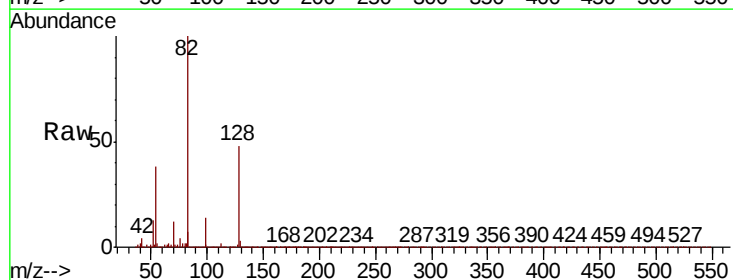
Instrument :
 BNA_P
 ClientSampleId :

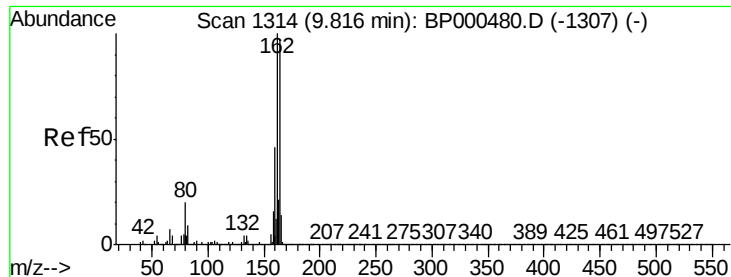
Tot Ion	82	Resp	857675
Ion Ratio	Lower	Upper	
82	100		
128	48.4	40.9	61.3
54	37.8	29.4	44.2



#25
 Isophorone
 Concen: 30.016 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.27 min
 Lab File: BP000522.D
 Acq: 04 Oct 2019 21:13

Tgt Ion	82	Resp	857114
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

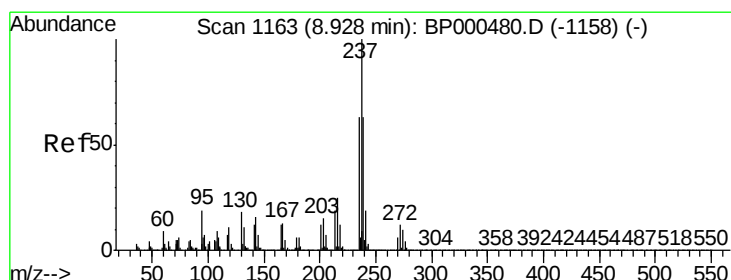
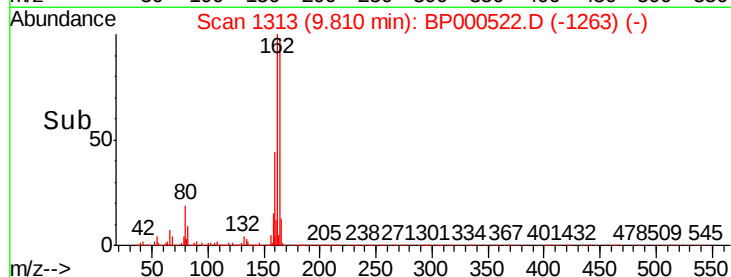
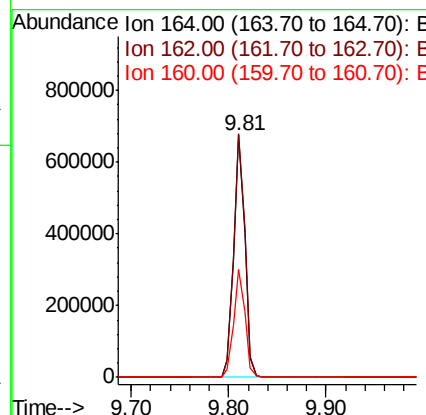
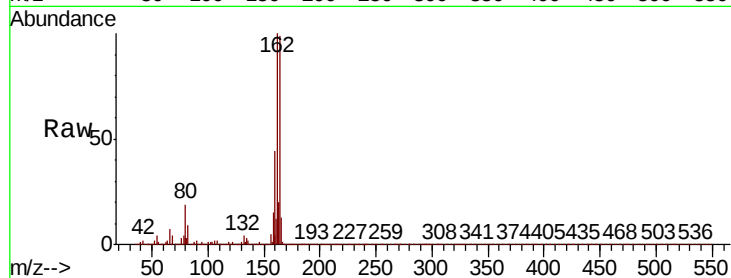




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

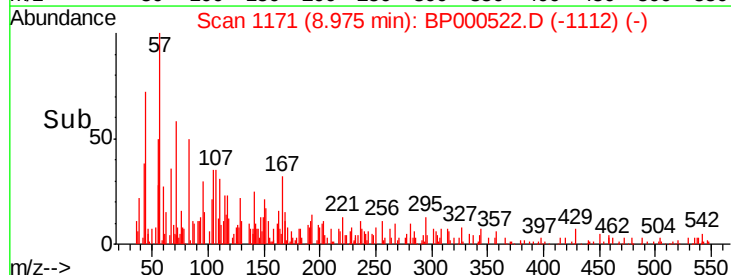
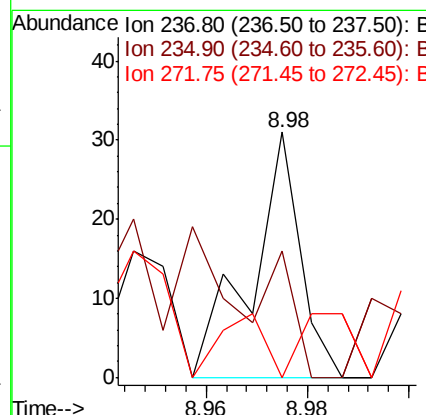
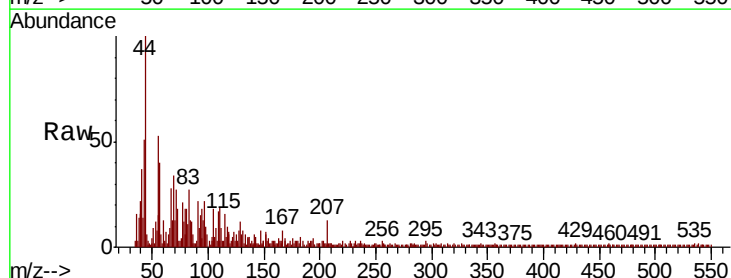
Instrument :
BNA_P
ClientSampleId :

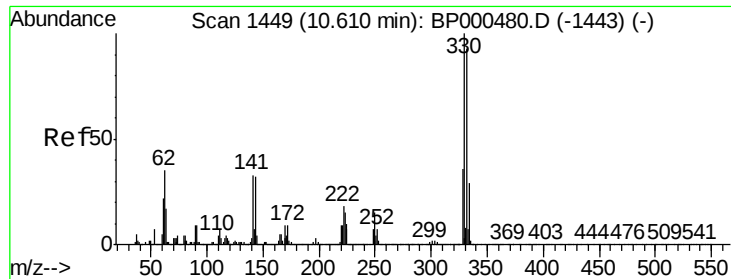
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	44.6	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.05 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

Tgt Ion	Ratio	Lower	Upper
237	100		
235	51.6	42.9	82.9
272	0.0	0.0	32.4

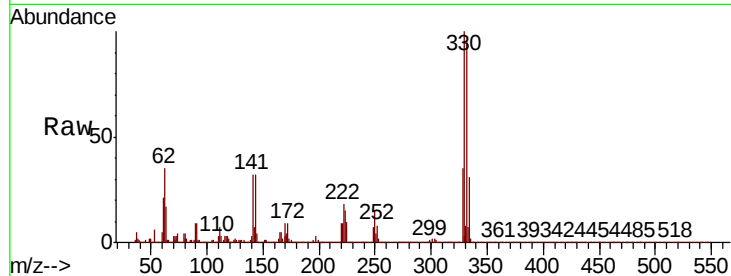




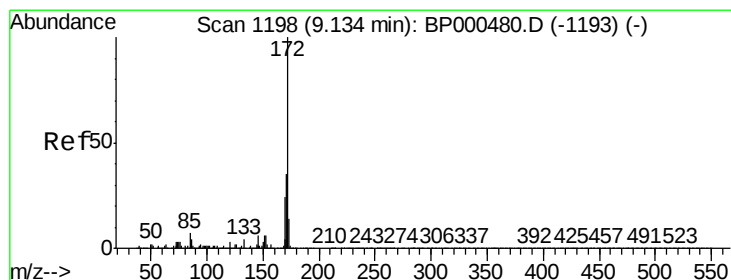
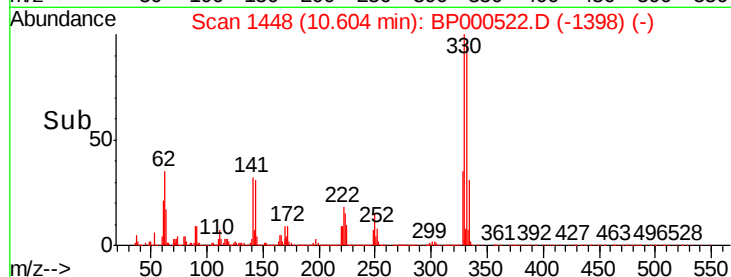
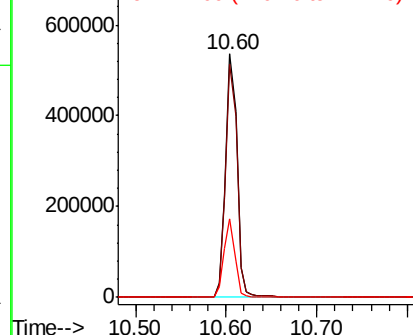
#42
2,4,6-Tribromophenol
Concen: 81.253 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 465971
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 30.8 26.0 39.0

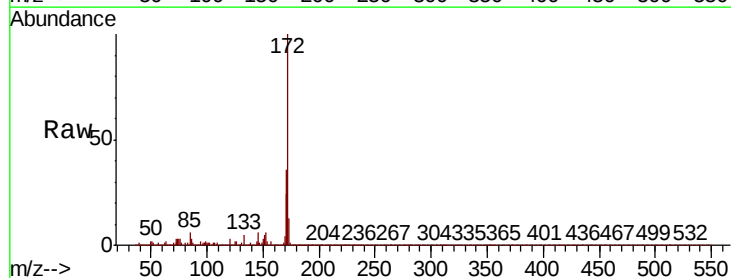


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

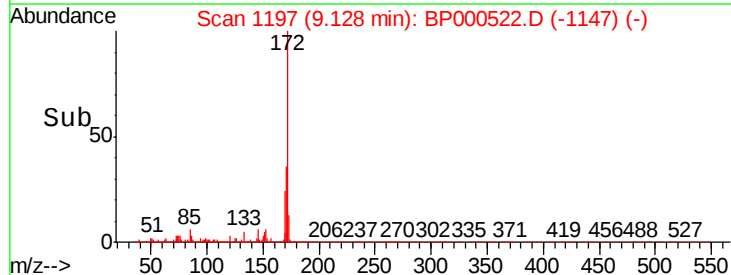
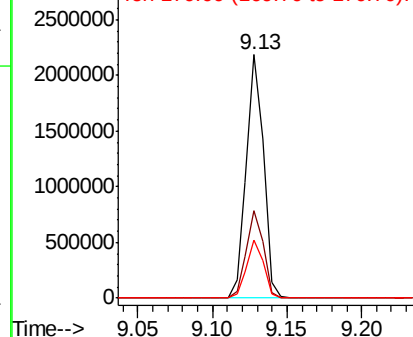


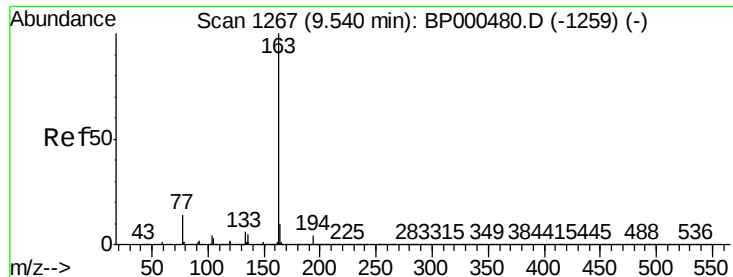
#45
2-Fluorobiphenyl
Concen: 53.165 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

Tgt Ion:172 Resp: 1768352
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.7 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

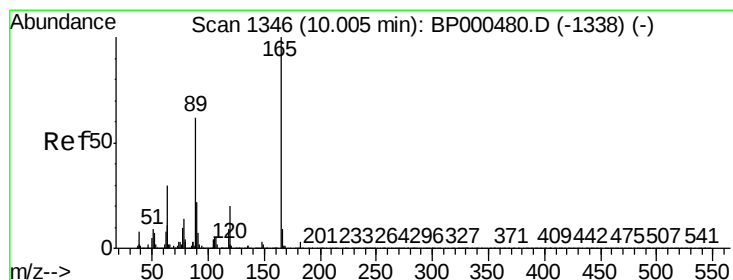
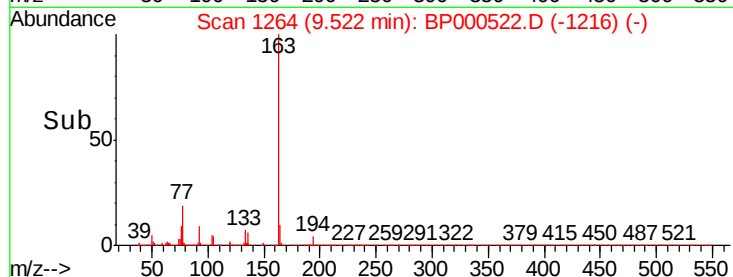
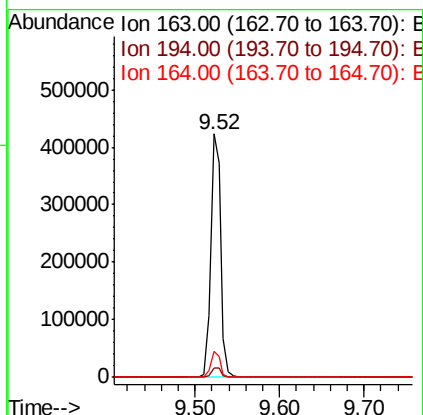
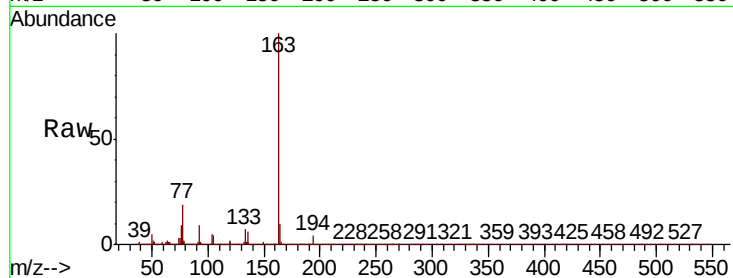




#50
Dimethylphthalate
Concen: 9.429 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

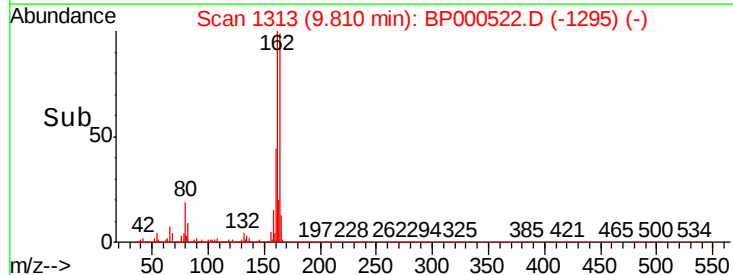
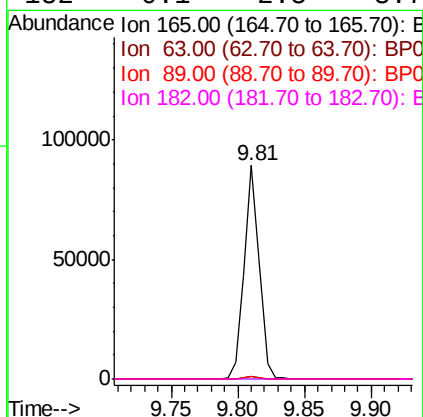
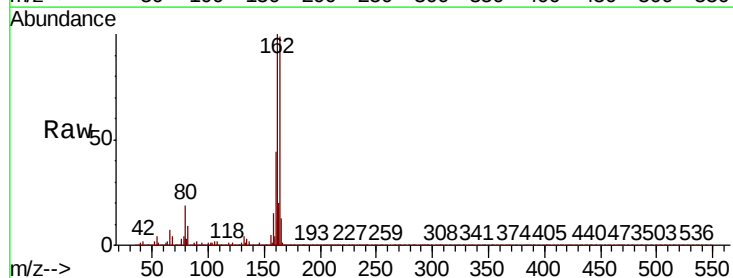
Instrument :
BNA_P
ClientSampleId :

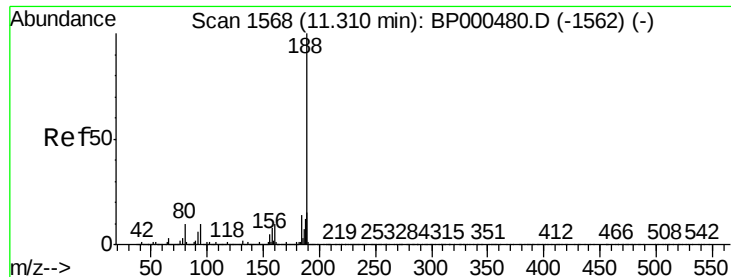
Tot Ion:163 Resp: 352594
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.5 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

Tgt Ion:165 Resp: 70318
Ion Ratio Lower Upper
165 100
63 0.9 24.2 36.4#
89 1.3 49.4 74.0#
182 0.1 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BP000522.D

Acq: 04 Oct 2019 21:13

Instrument :

BNA_P

ClientSampled :

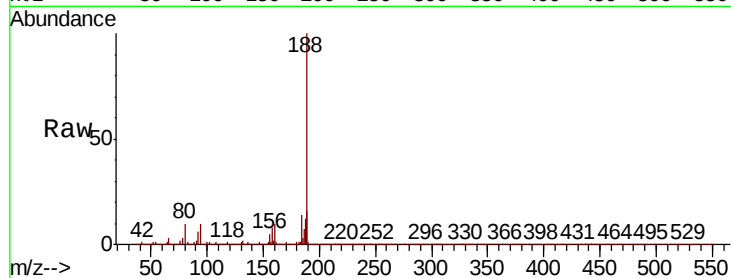
Tot Ion:188 Resp: 990537

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

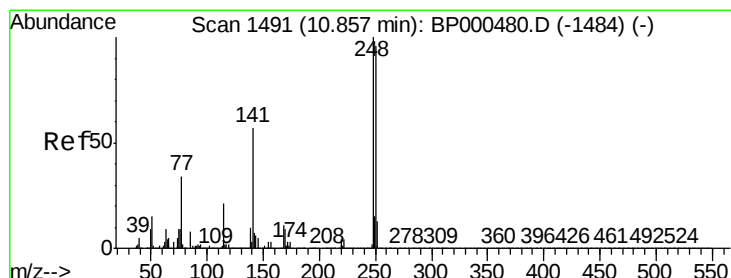
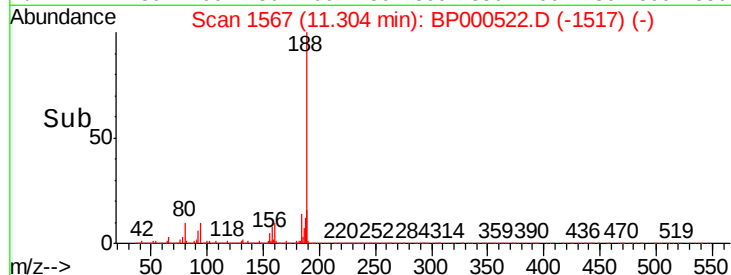
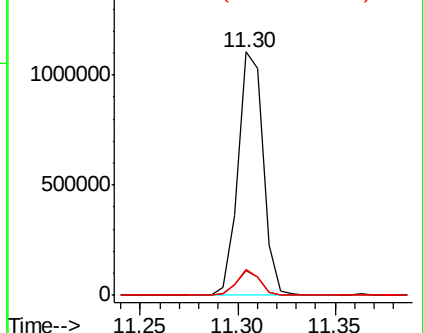
80 10.4 8.3 12.5



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: 2.883 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.25 min

Lab File: BP000522.D

Acq: 04 Oct 2019 21:13

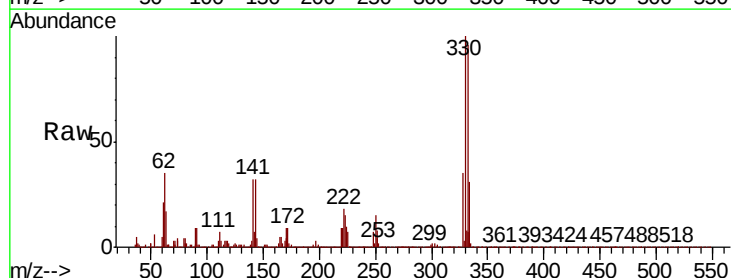
Tgt Ion:248 Resp: 32148

Ion Ratio Lower Upper

248 100

250 202.5 77.2 115.8#

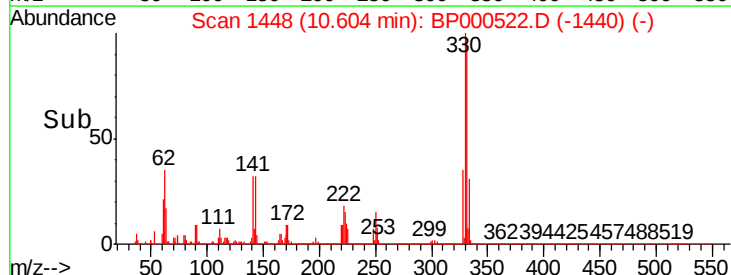
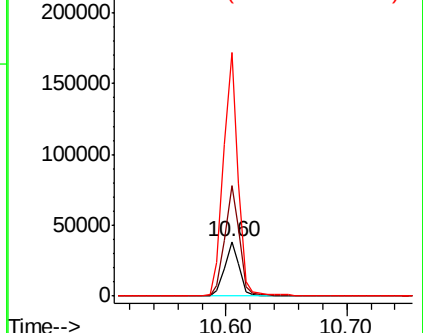
141 446.5 45.3 67.9#

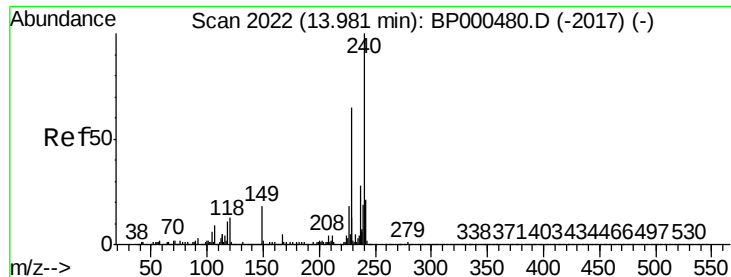


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

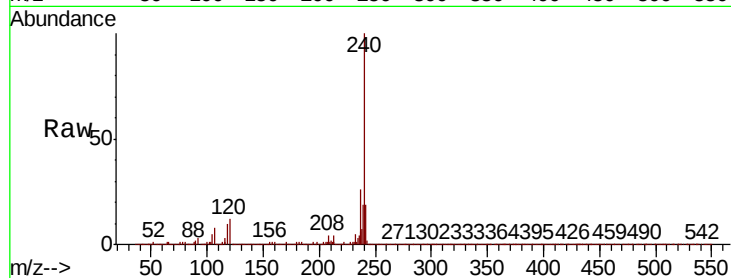




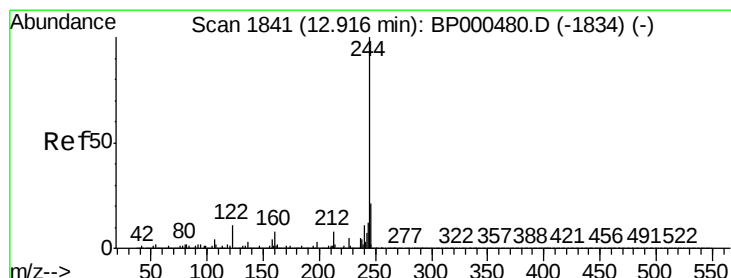
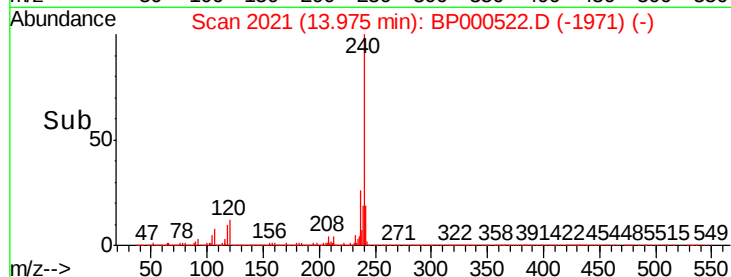
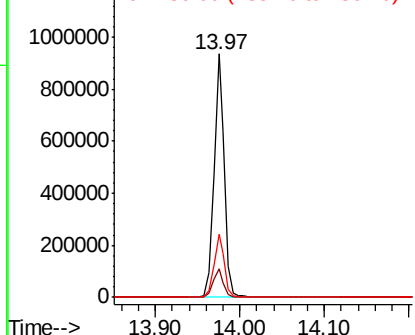
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BP000522.D
 Acq: 04 Oct 2019 21:13

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:240 Resp: 818441
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.1 15.1
 236 26.0 22.7 34.1

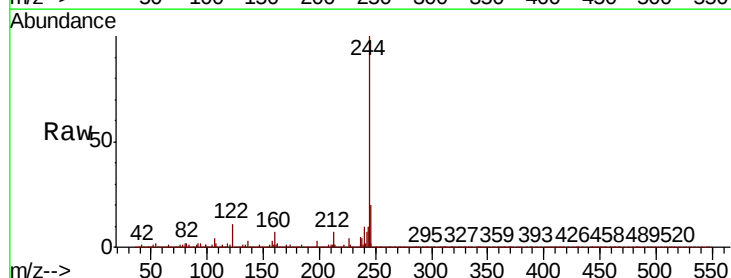


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

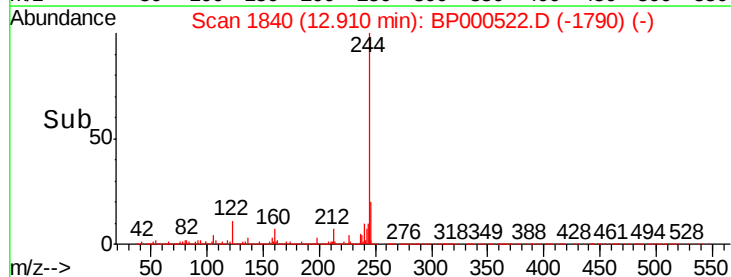
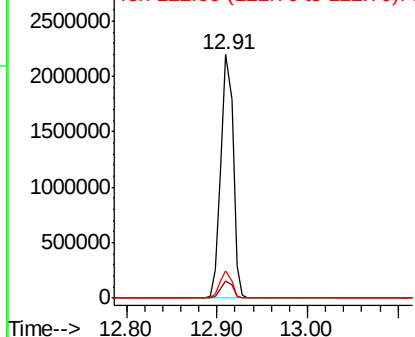


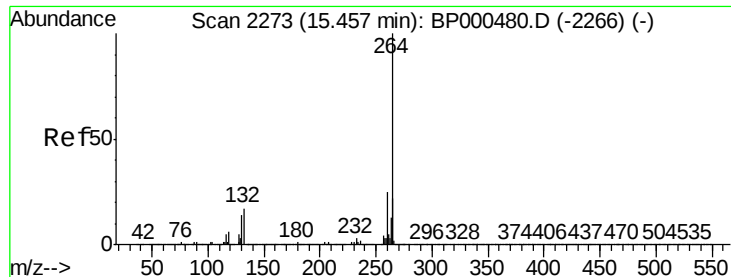
#79
 Terphenyl-d14
 Concen: 50.497 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BP000522.D
 Acq: 04 Oct 2019 21:13

Tgt Ion:244 Resp: 2041185
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.2 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

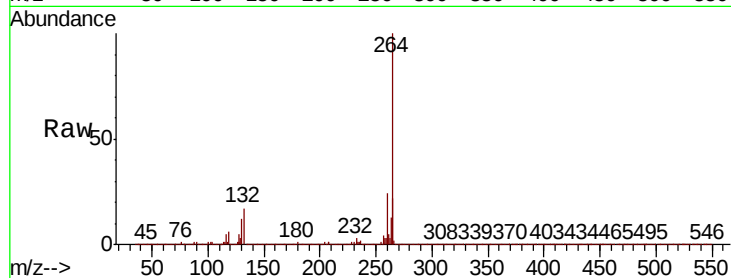




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000522.D
Acq: 04 Oct 2019 21:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	905732
Ion Ratio	Lower	Upper	
264	100		
260	23.9	20.3	30.5
265	21.6	18.0	27.0



Abundance Ion 264.00 (263.70 to 264.70): E
1000000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

