

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000348.D
 Acq On : 20 Sep 2019 12:48
 Operator : HP/JU
 Sample : K4959-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 20 23:12:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

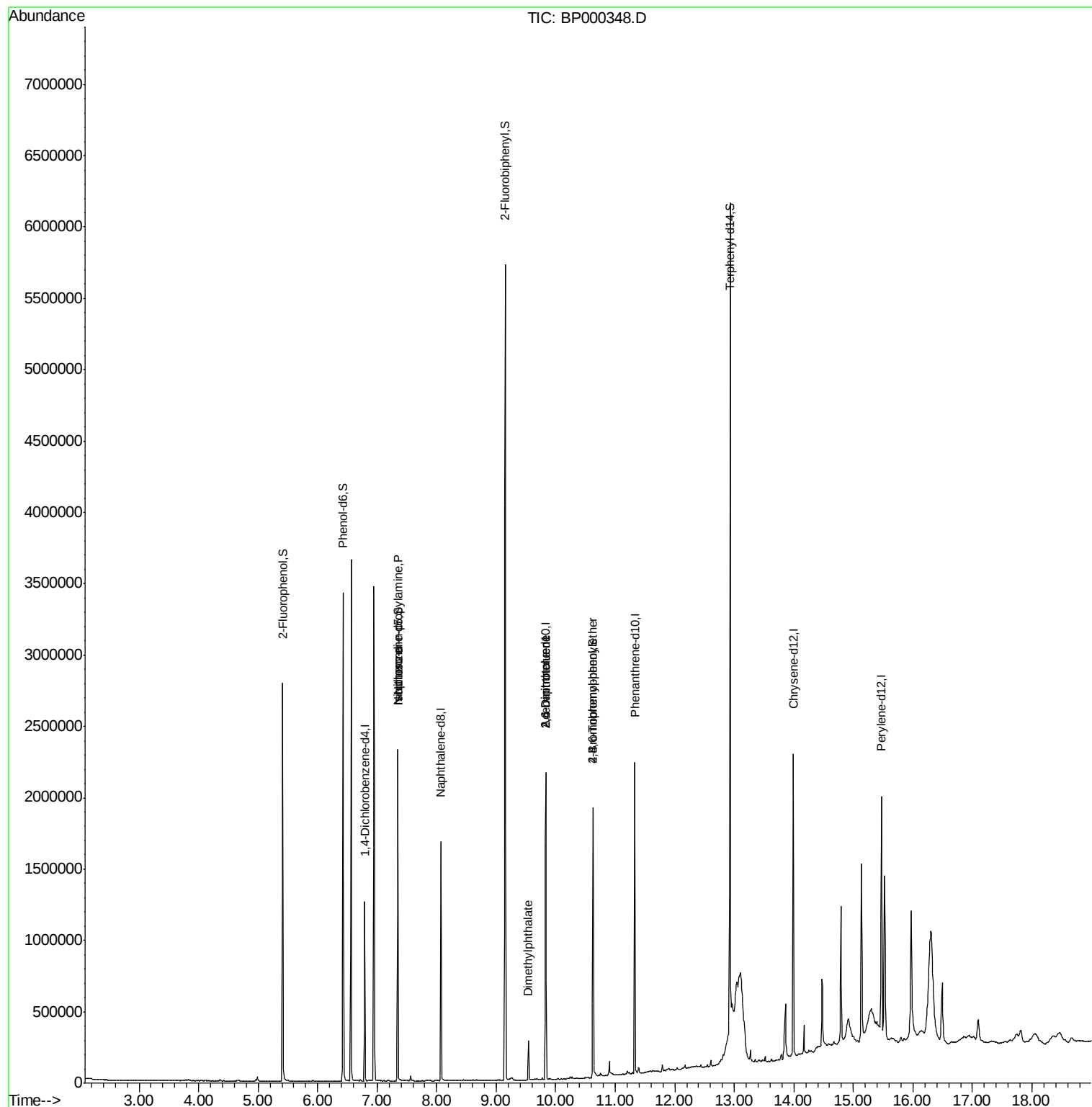
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	205302	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	760527	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	417703	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	747219	20.00	ng	0.00
76) Chrysene-d12	13.99	240	669037	20.00	ng	0.00
87) Perylene-d12	15.47	264	773428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	911094	76.61	ng	0.00
7) Phenol-d6	6.43	99	1190913	81.70	ng	0.00
23) Nitrobenzene-d5	7.35	82	663724	56.31	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	261148	63.03	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1619946	69.80	ng	0.00
79) Terphenyl-d14	12.93	244	1848968	57.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1858	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.35	70	82543	10.710 ng	#	75
25) Isophorone	7.35	82	663512	28.427 ng	#	63
50) Dimethylphthalate	9.55	163	119317	4.193 ng	#	99
51) 2,6-Dinitrotoluene	9.83	165	54588	8.724 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	54620	6.677 ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	17184	2.034 ng	#	1
69) Atrazine	11.01	200	83	Below Cal	#	73

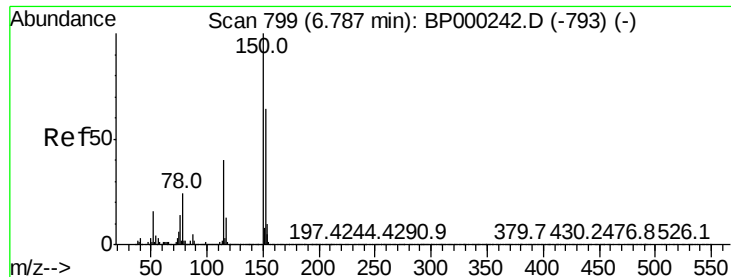
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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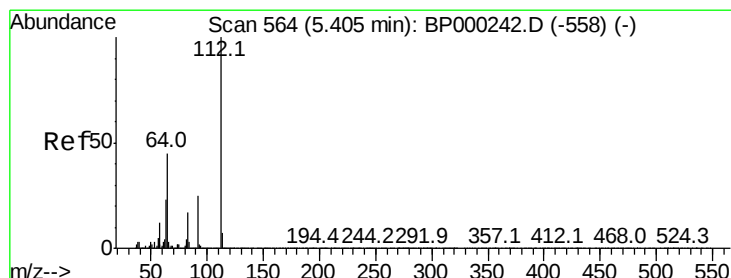
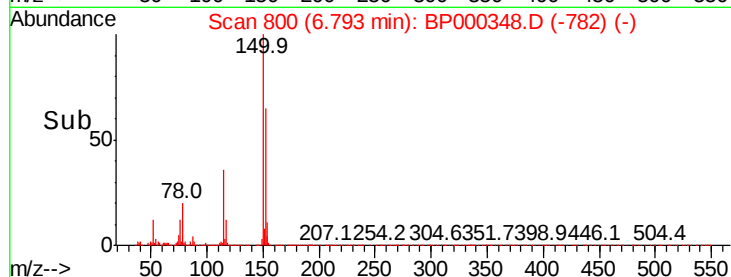
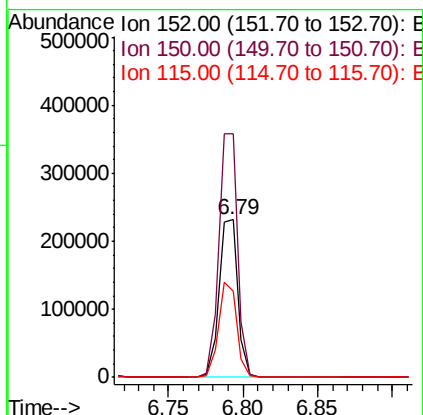
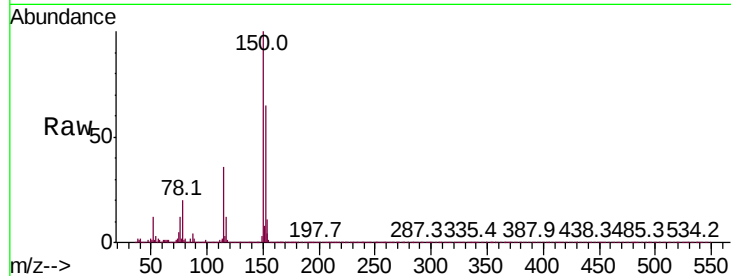


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

Instrument :
BNA_P
ClientSampleId :

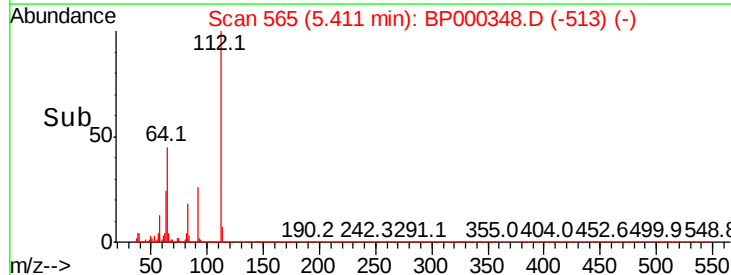
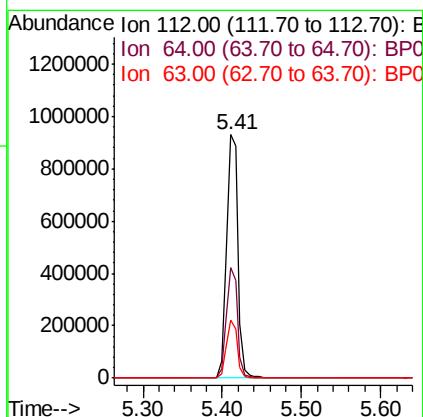
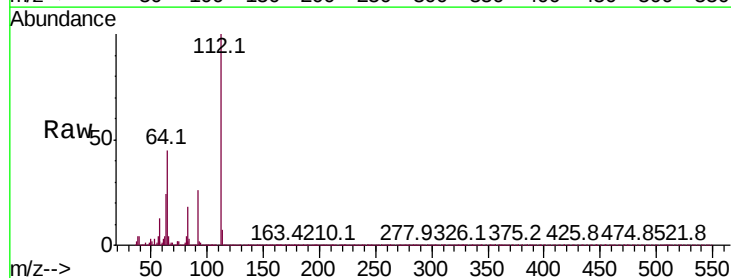
Tot Ion:152 Resp: 205302
Ion Ratio Lower Upper
152 100
150 154.8 125.2 187.8
115 55.2 49.7 74.5

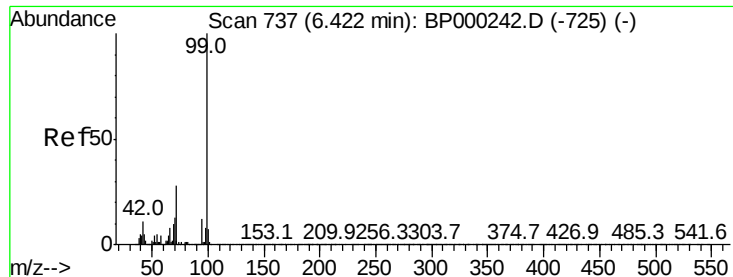


#5

2-Fluorophenol
Concen: 76.612 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

Tgt Ion:112 Resp: 911094
Ion Ratio Lower Upper
112 100
64 45.3 36.2 54.4
63 23.9 18.3 27.5





#7

Phenol-d6

Concen: 81.696 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000348.D

Acq: 20 Sep 2019 12:48

Instrument :

BNA_P

ClientSampled :

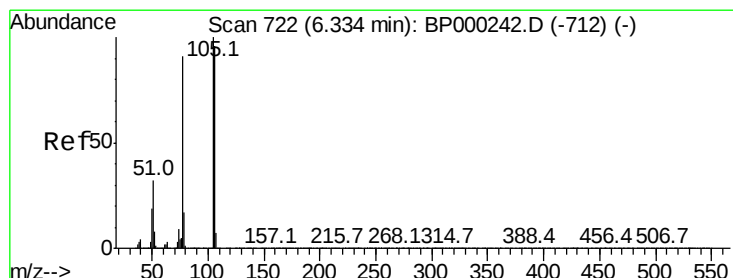
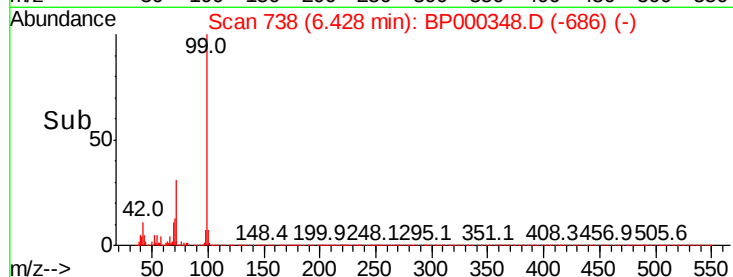
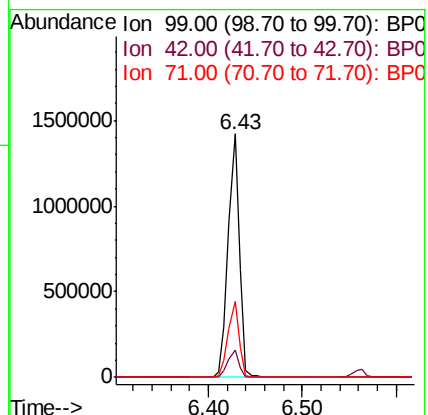
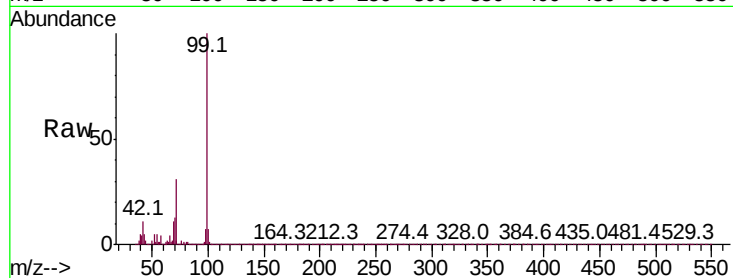
Tot Ion: 99 Resp: 1190913

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 31.3 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000348.D

Acq: 20 Sep 2019 12:48

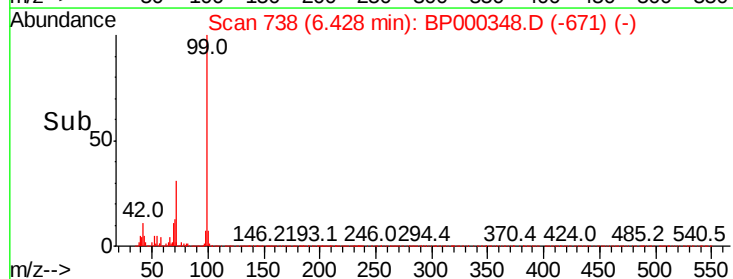
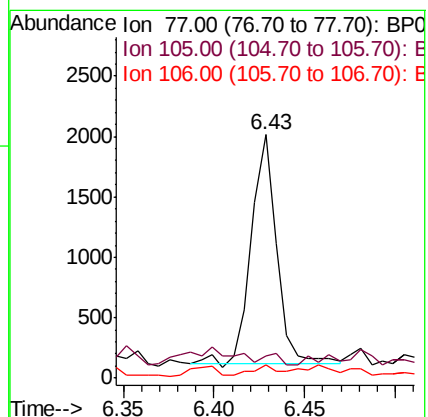
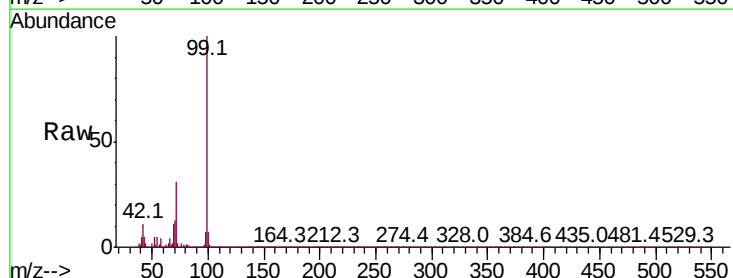
Tgt Ion: 77 Resp: 1858

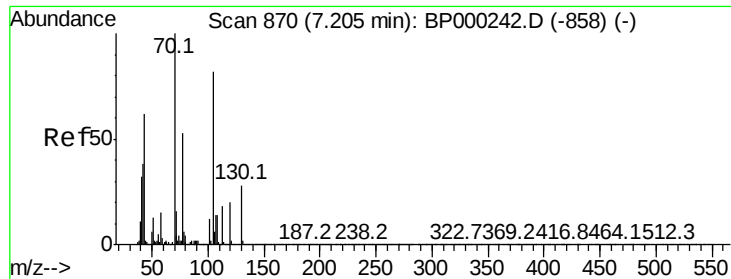
Ion Ratio Lower Upper

77 100

105 9.0 89.6 129.6#

106 5.2 84.6 124.6#

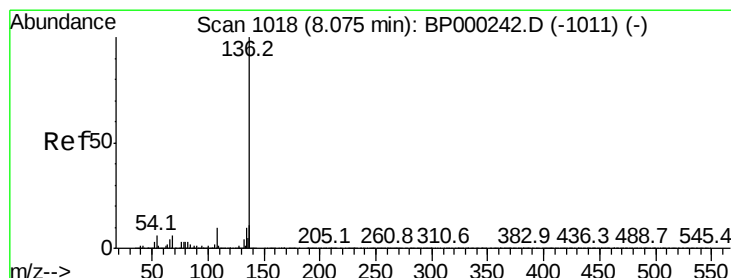
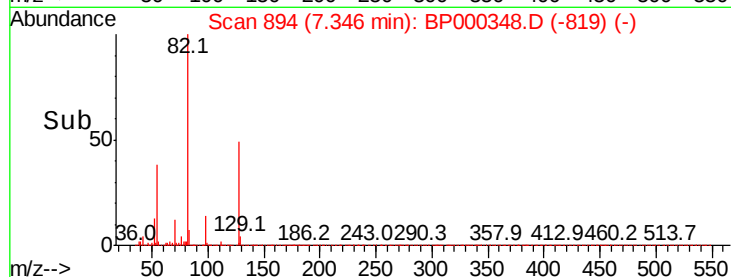
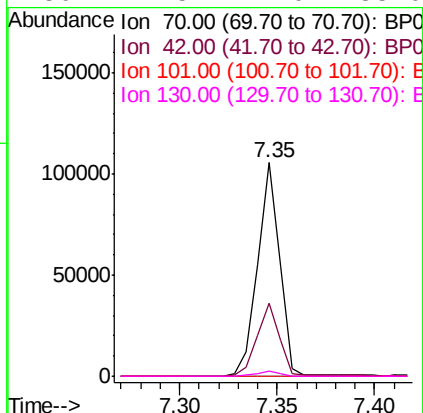
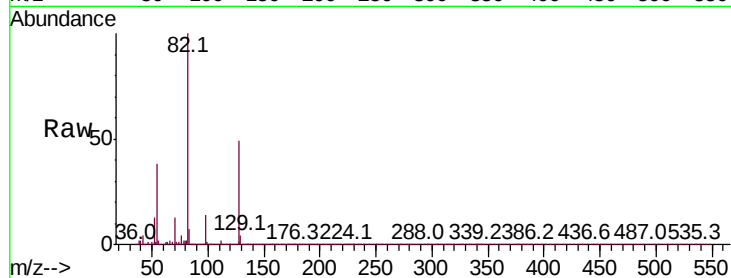




#19
n-Nitroso-di-n-propylamine
Concen: 10.710 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

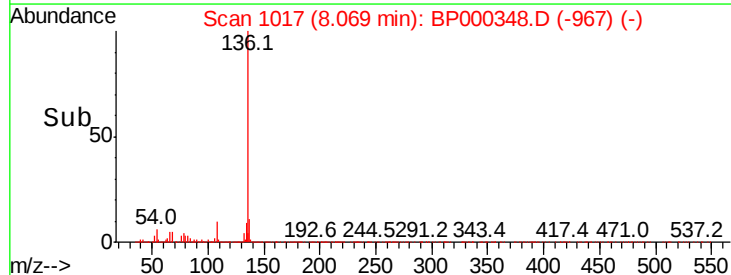
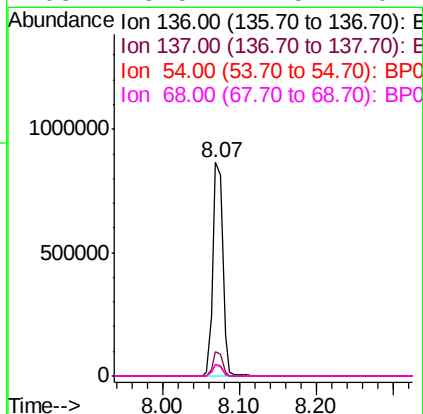
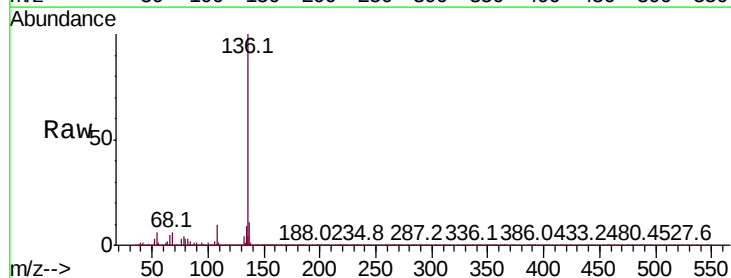
Instrument :
BNA_P
ClientSampleId :

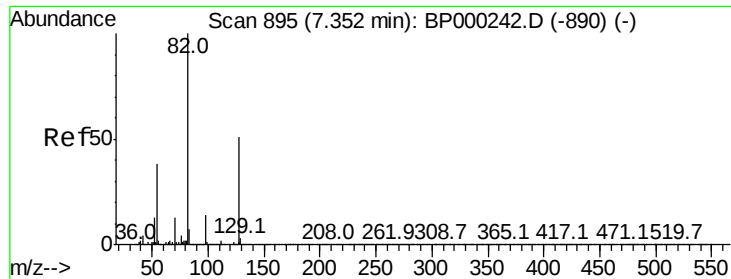
Tot Ion: 70 Resp: 82543
Ion Ratio Lower Upper
70 100
42 34.4 30.7 46.1
101 0.0 9.6 14.4#
130 2.5 22.0 33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

Tgt Ion:136 Resp: 760527
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.7 4.5 6.7
68 5.5 4.5 6.7

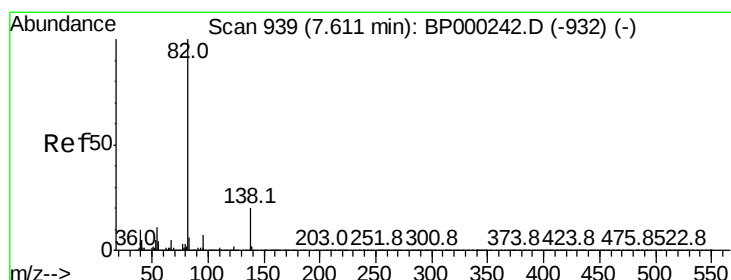
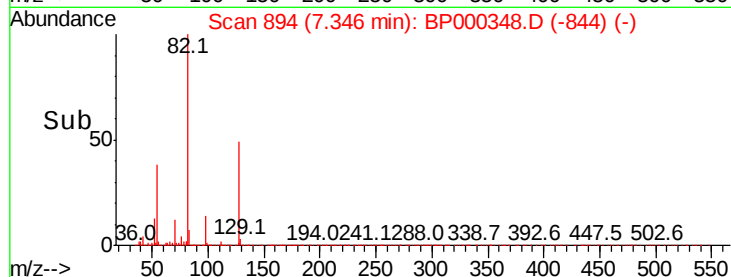
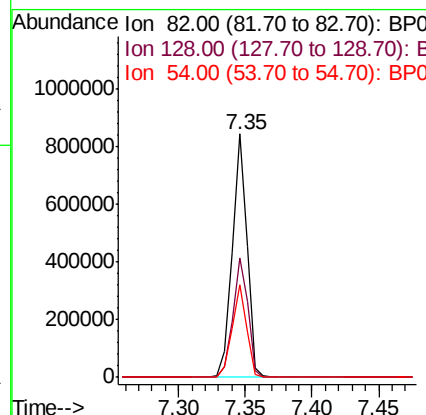
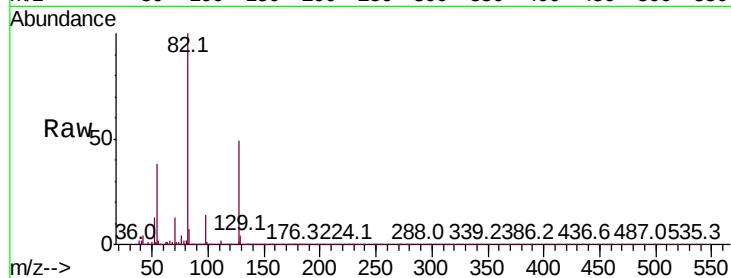




#23
Nitrobenzene-d5
Concen: 56.307 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

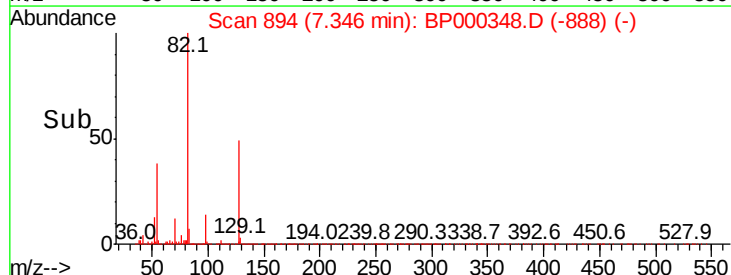
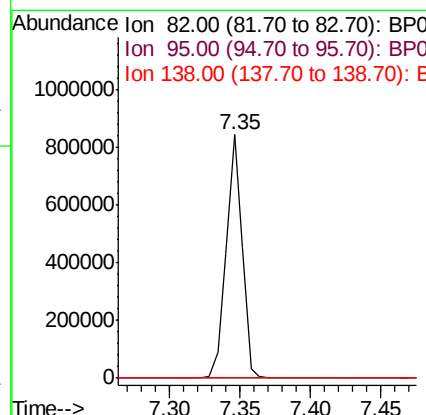
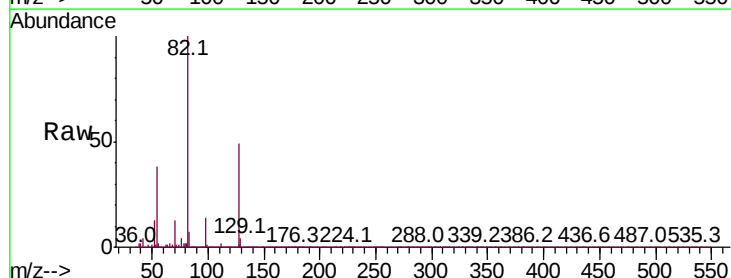
Instrument :
BNA_P
ClientSampleId :

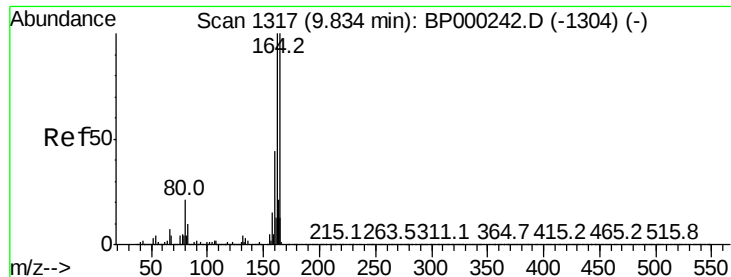
Tot Ion	82	Resp	663724
Ion Ratio	Lower	Upper	
82	100		
128	49.2	40.7	61.1
54	38.0	30.1	45.1



#25
Isophorone
Concen: 28.427 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

Tgt Ion	82	Resp	663512
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.9	8.9#
138	0.0	15.9	23.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BP000348.D

Acq: 20 Sep 2019 12:48

Instrument :

BNA_P

ClientSampleId :

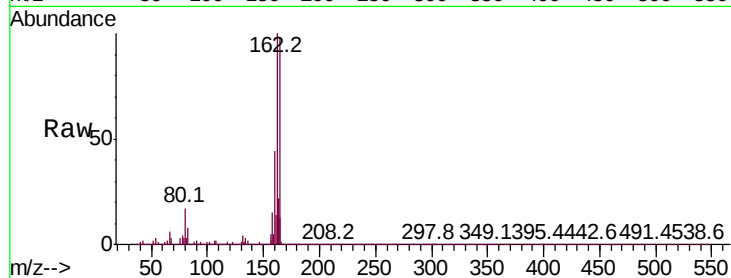
Tot Ion:164 Resp: 417703

Ion Ratio Lower Upper

164 100

162 101.9 79.9 119.9

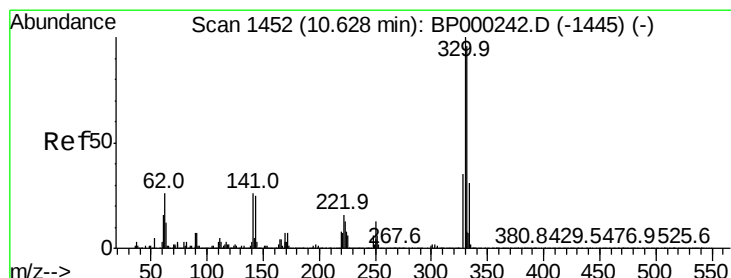
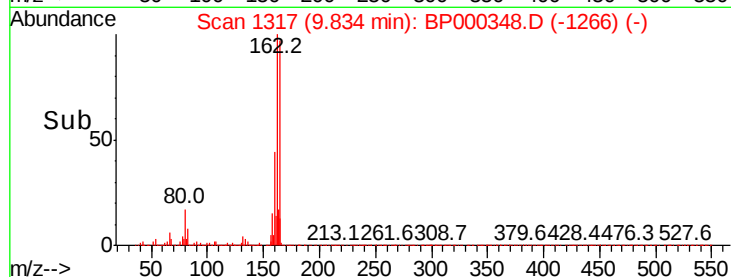
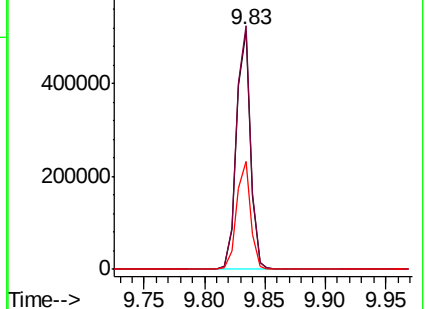
160 45.0 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 63.033 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000348.D

Acq: 20 Sep 2019 12:48

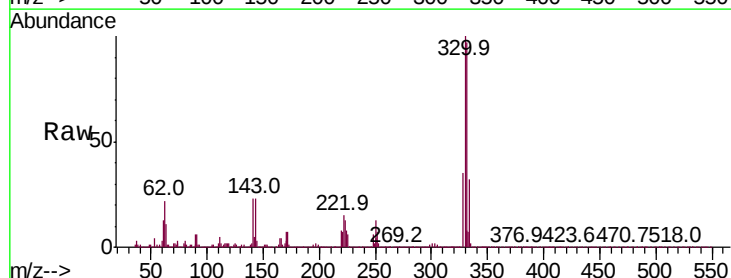
Tgt Ion:330 Resp: 261148

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

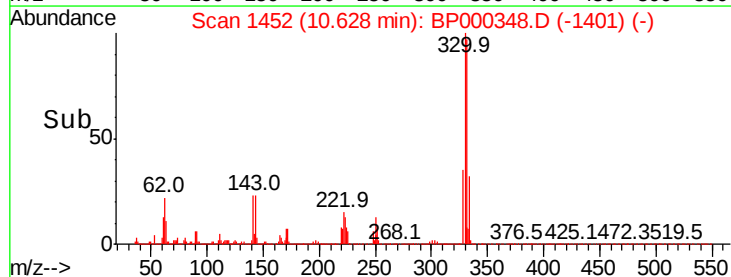
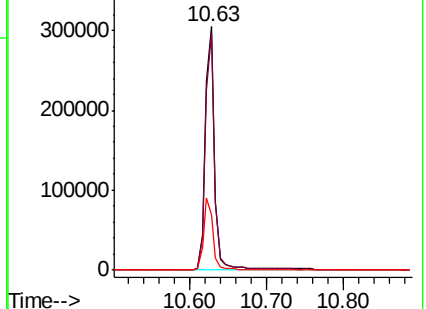
141 29.5 26.5 39.7

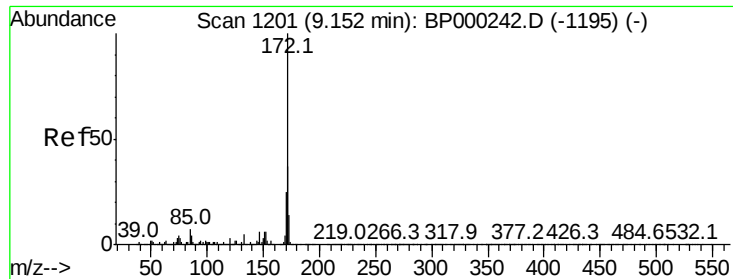


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

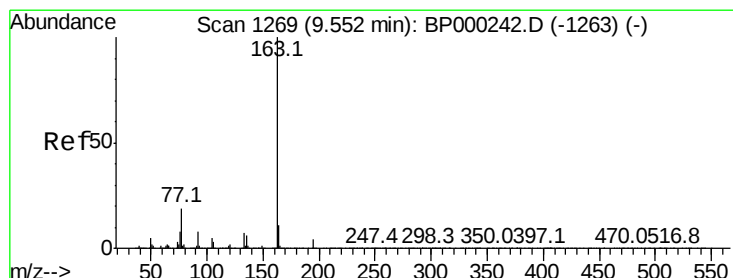
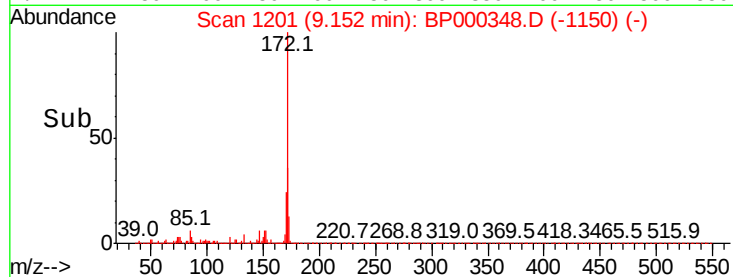
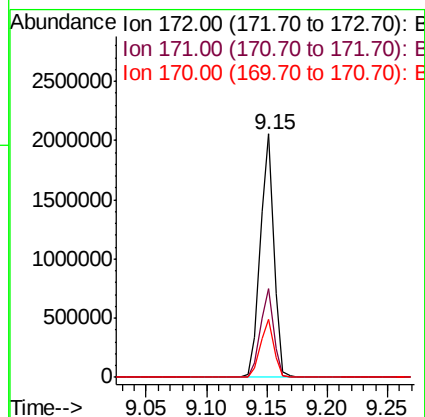
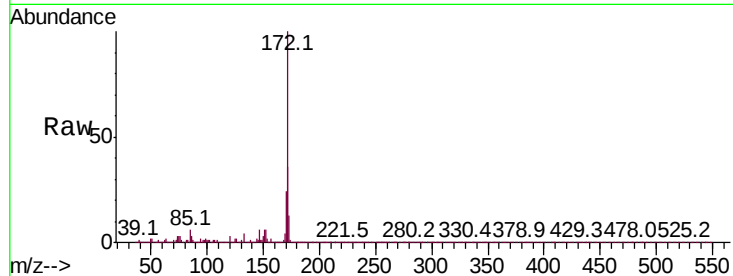




#45
2-Fluorobiphenyl
Concen: 69.801 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

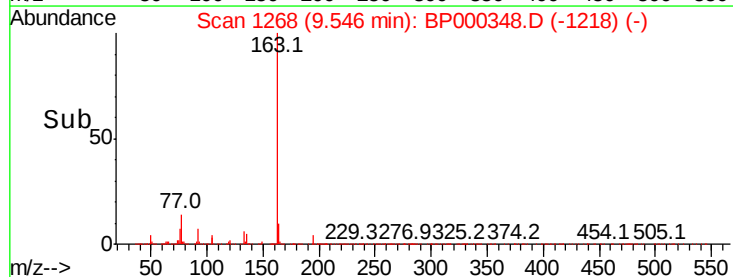
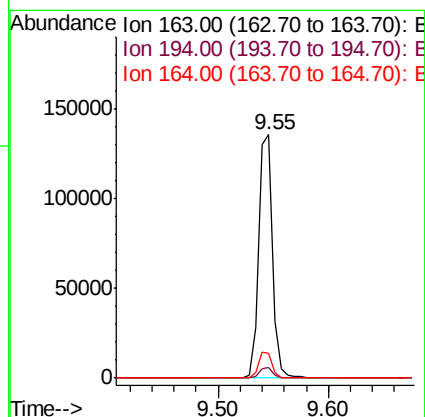
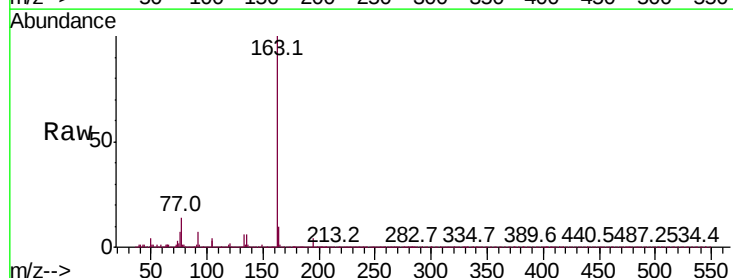
Instrument :
BNA_P
ClientSampled :

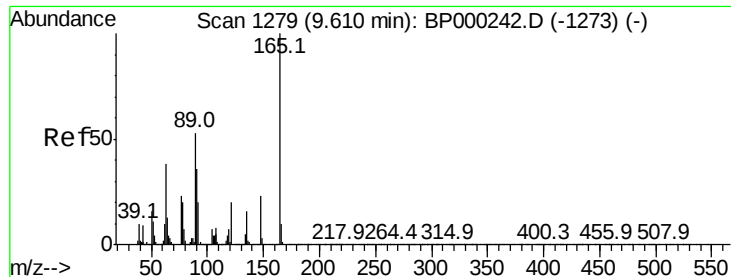
Tot Ion:172 Resp: 1619946
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 23.8 19.8 29.6



#50
Dimethylphthalate
Concen: 4.193 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

Tgt Ion:163 Resp: 119317
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 10.1 8.5 12.7

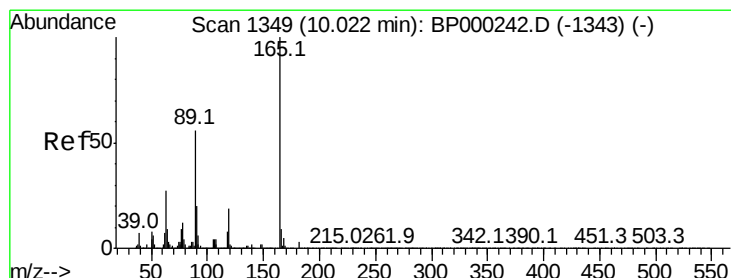
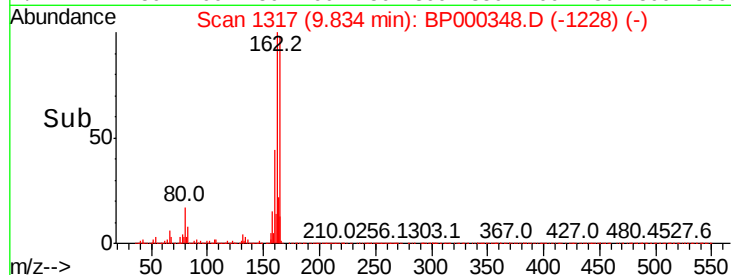
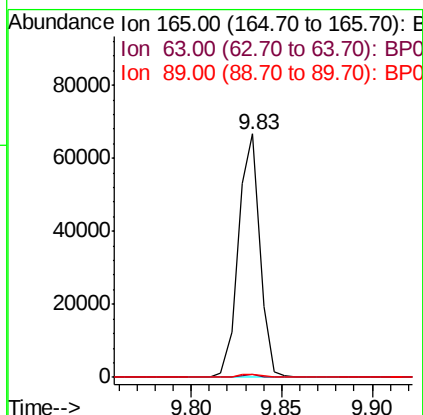
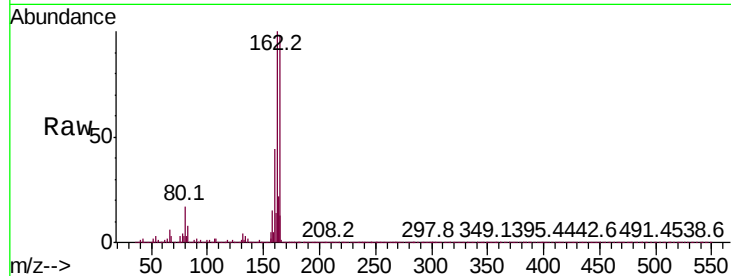




#51
 2,6-Dinitrotoluene
 Concen: 8.724 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.22 min
 Lab File: BP000348.D
 Acq: 20 Sep 2019 12:48

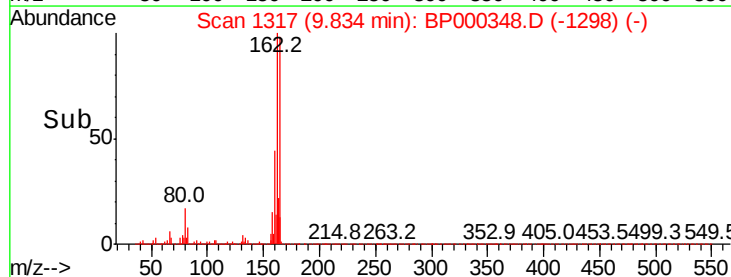
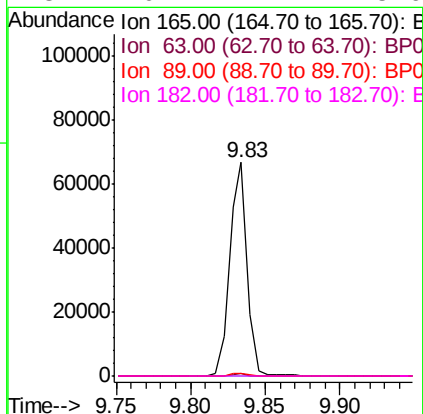
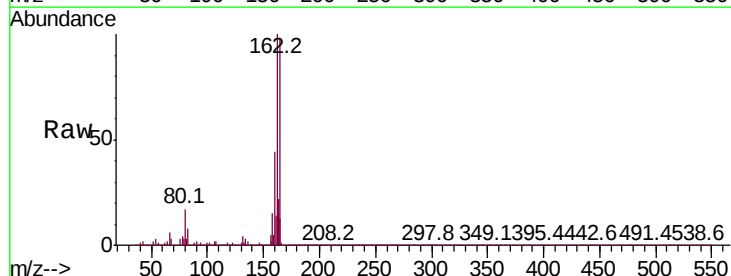
Instrument :
 BNA_P
 ClientSampleId :

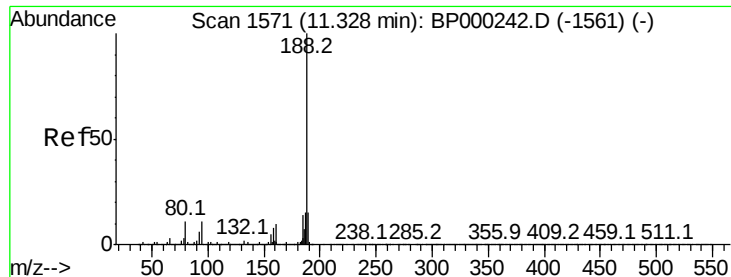
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.8#
89	1.1	42.6	63.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.677 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BP000348.D
 Acq: 20 Sep 2019 12:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	21.7	32.5#
89	1.1	45.0	67.6#
182	0.1	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000348.D

Acq: 20 Sep 2019 12:48

Instrument :

BNA_P

ClientSampled :

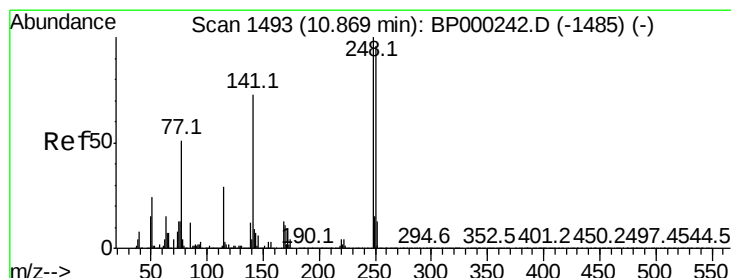
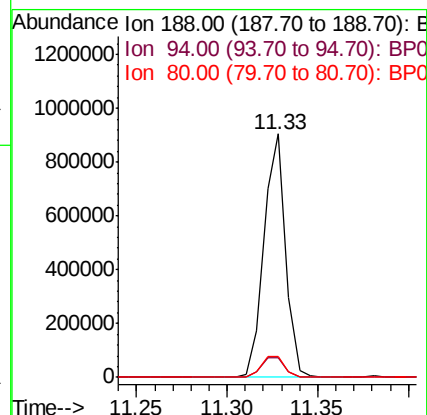
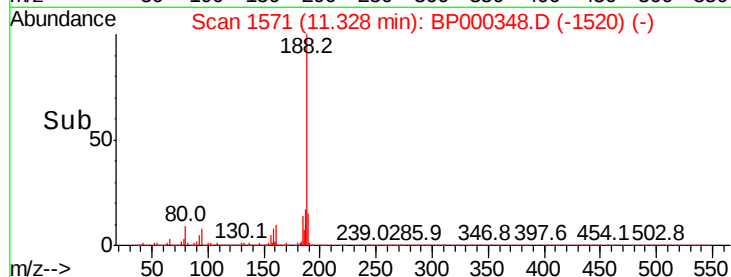
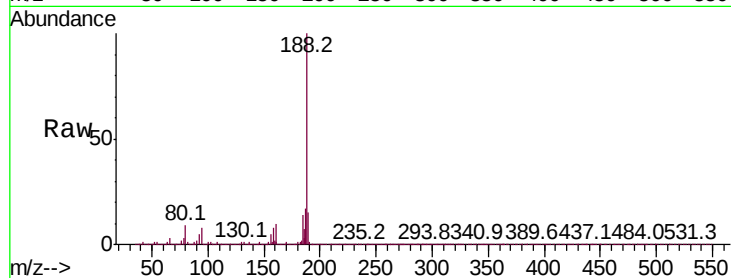
Tot Ion:188 Resp: 747219

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

80 8.5 8.6 13.0#



#67

4-Bromophenyl-phenylether

Concen: 2.034 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000348.D

Acq: 20 Sep 2019 12:48

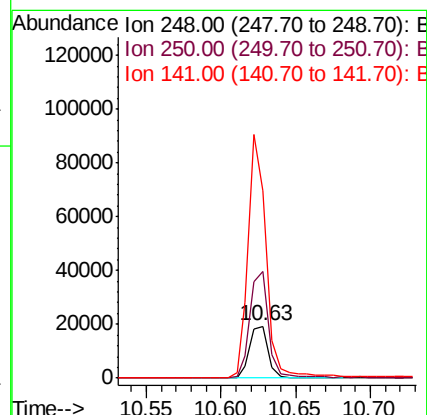
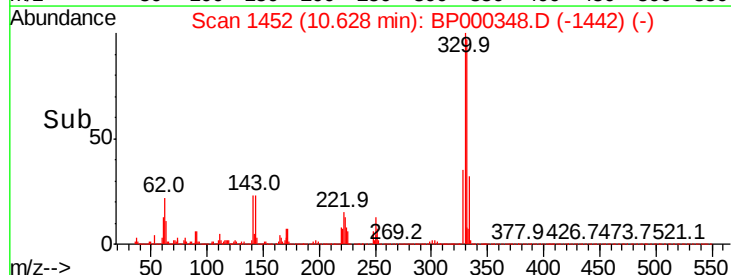
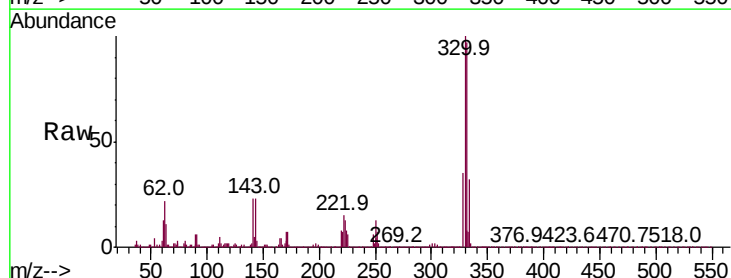
Tgt Ion:248 Resp: 17184

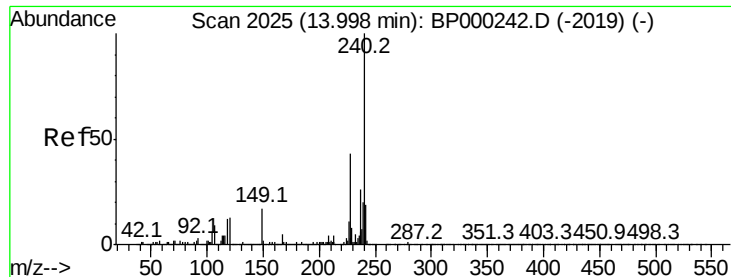
Ion Ratio Lower Upper

248 100

250 204.6 77.0 115.4#

141 361.2 58.5 87.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000348.D

Acq: 20 Sep 2019 12:48

Instrument :

BNA_P

ClientSampled :

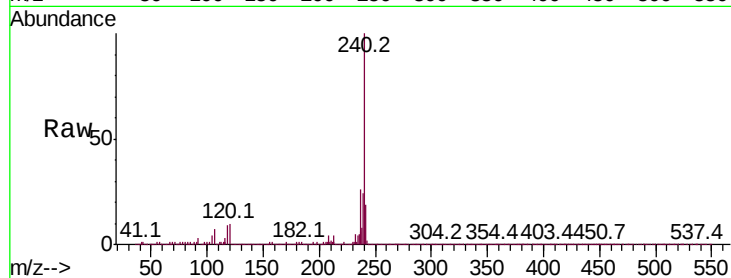
Tot Ion:240 Resp: 669037

Ion Ratio Lower Upper

240 100

120 9.5 10.4 15.6#

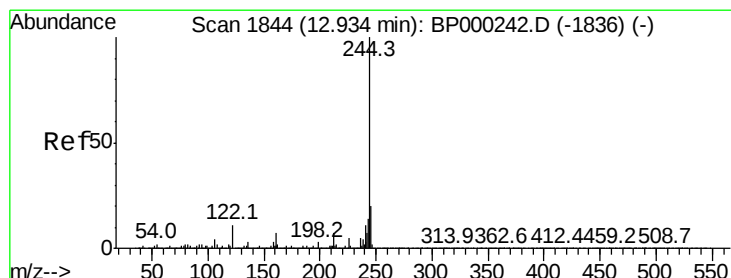
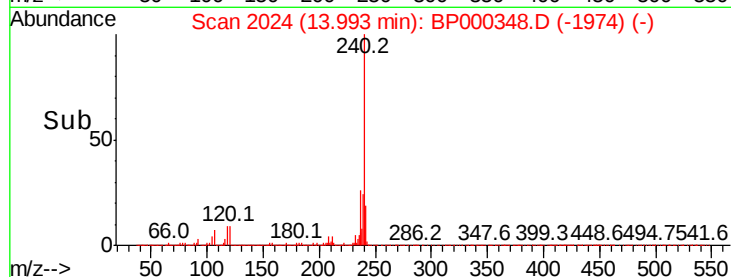
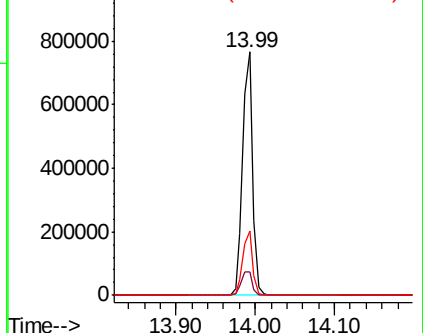
236 26.4 21.0 31.6



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: 57.977 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000348.D

Acq: 20 Sep 2019 12:48

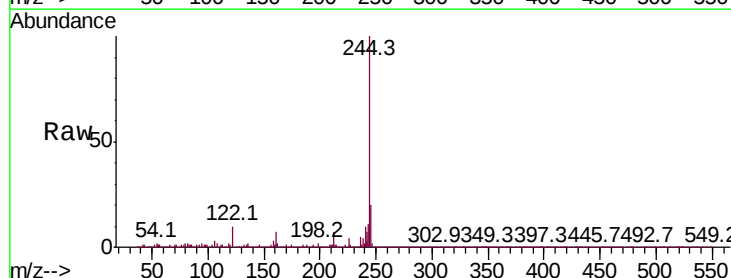
Tgt Ion:244 Resp: 1848968

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

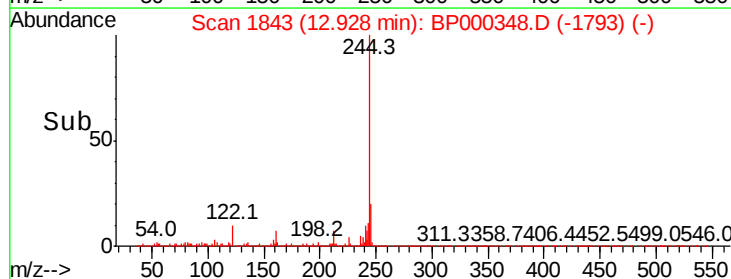
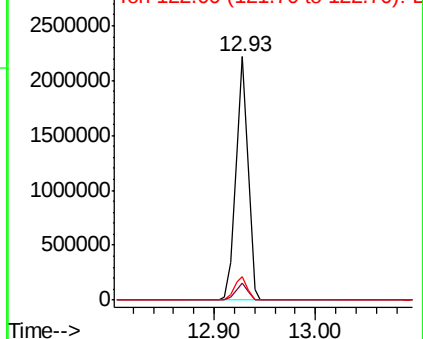
122 9.9 9.0 13.4

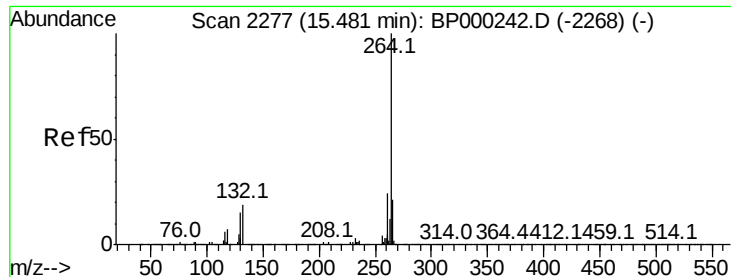


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000348.D
Acq: 20 Sep 2019 12:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.5	17.2	25.8

