

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000402.D
 Acq On : 24 Sep 2019 23:03
 Operator : JU
 Sample : PB123345TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 01:18:40 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

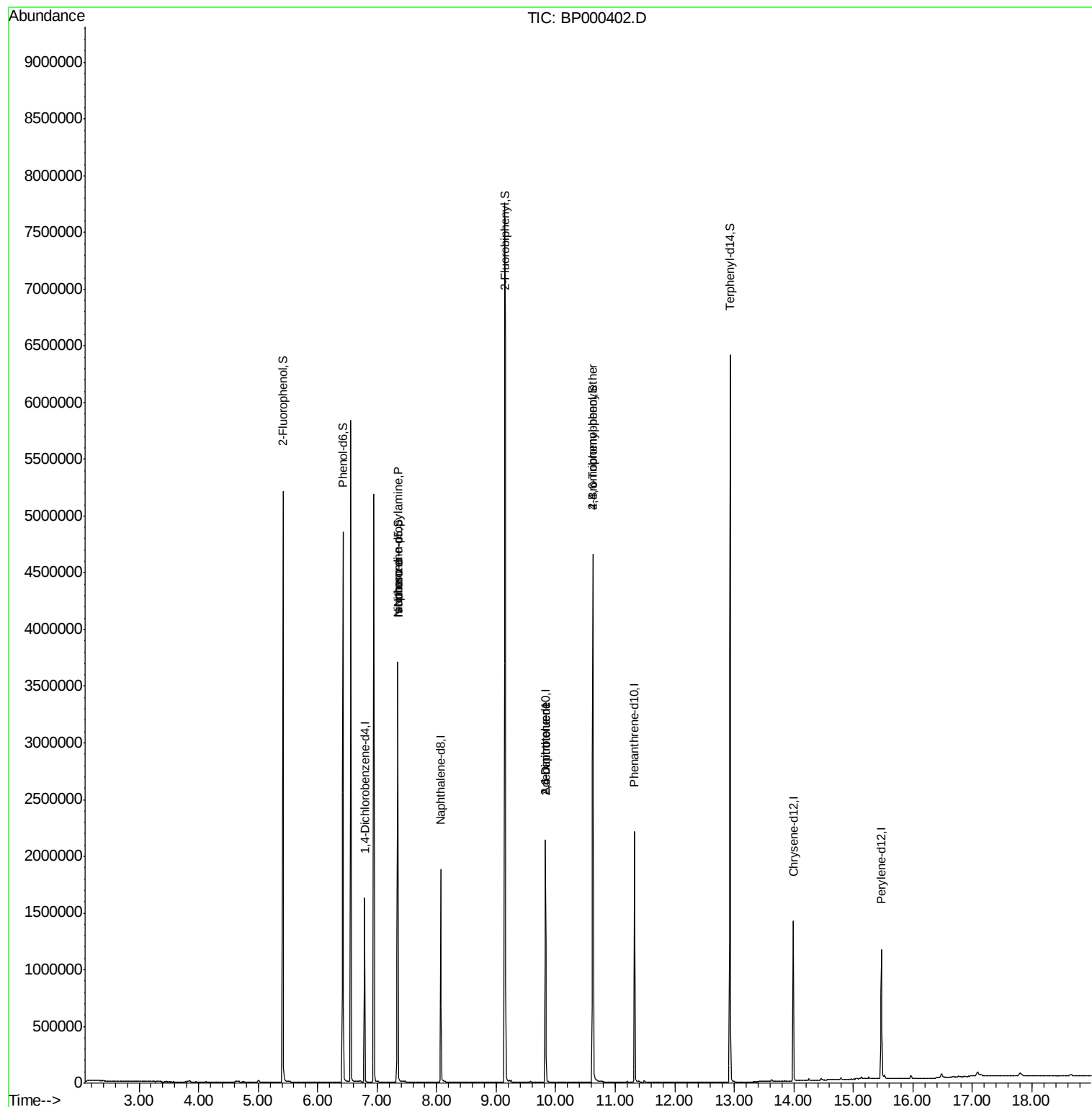
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	226998	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	812263	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	407806	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	757634	20.00	ng	0.00
76) Chrysene-d12	13.99	240	478607	20.00	ng	0.00
87) Perylene-d12	15.47	264	533084	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1631320	124.06	ng	0.01
7) Phenol-d6	6.43	99	2029453	125.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	1161242	92.24	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	563857	139.40	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2462077	108.66	ng	0.00
79) Terphenyl-d14	12.93	244	2225400	97.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2894	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.35	70	144045	16.903 ng	#	74
25) Isophorone	7.35	82	1160796	46.564 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	52851	8.651 ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	52882	6.621 ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	39461	4.606 ng	#	1
69) Atrazine	11.08	200	28	Below Cal		78

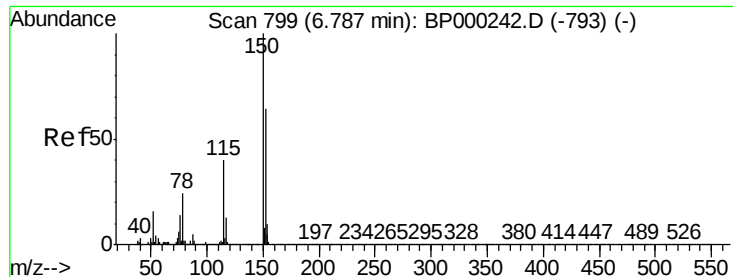
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000402.D
Acq On : 24 Sep 2019 23:03
Operator : JU
Sample : PB123345TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 25 01:18:40 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



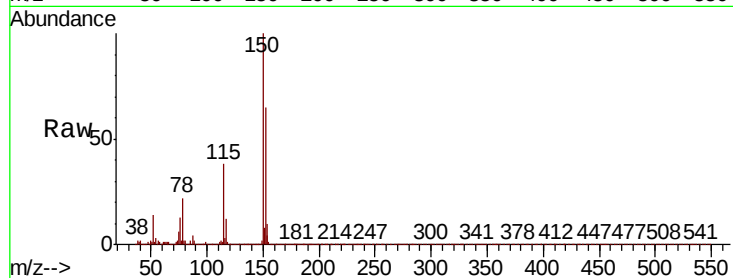


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000402.D
Acq: 24 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.2	187.8
115	58.1	49.7	74.5

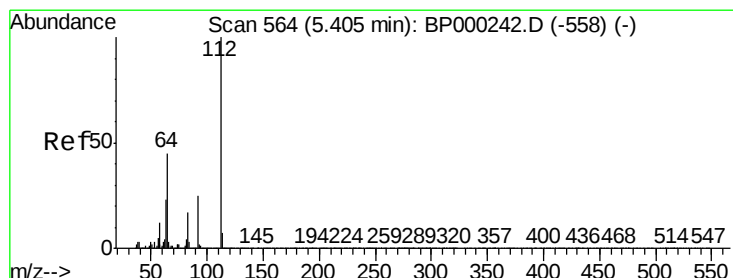
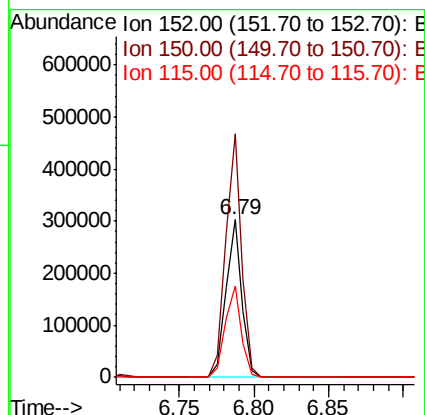
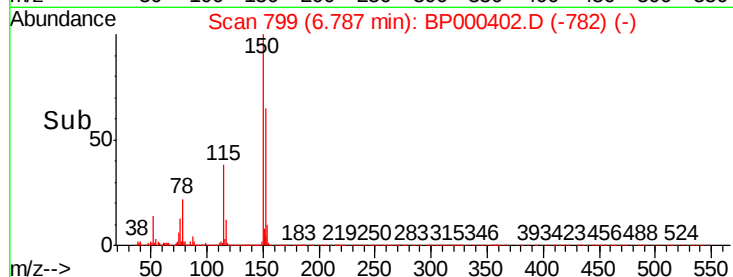


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

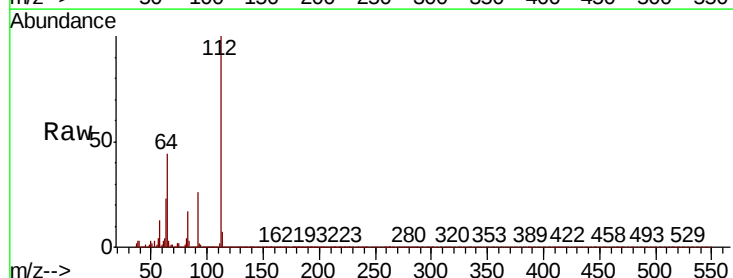
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.064 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000402.D
Acq: 24 Sep 2019 23:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.8	36.2	54.4
63	22.8	18.3	27.5

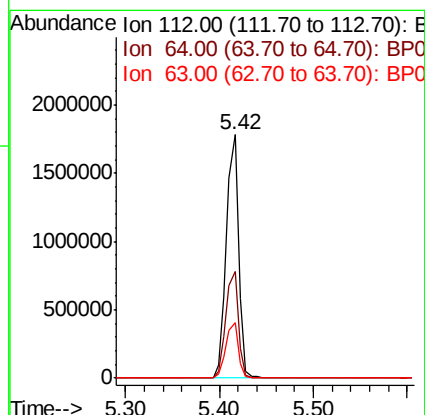
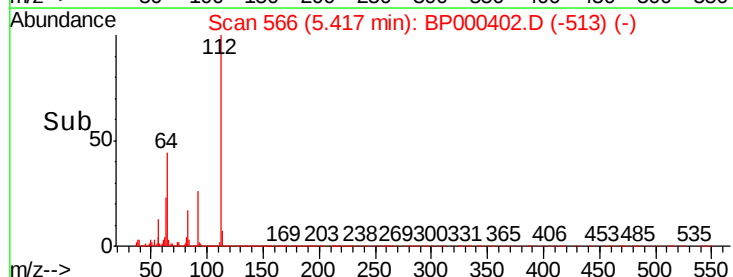


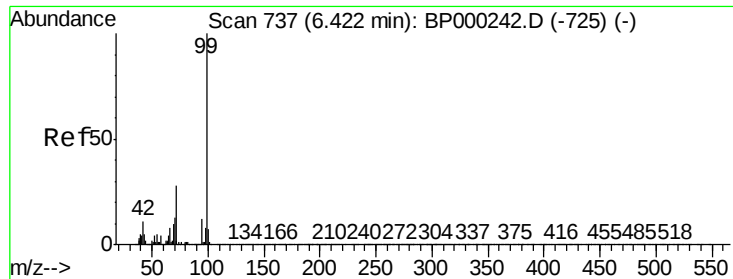
Abundance

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: 125.913 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

Instrument :

BNA_P

ClientSampled :

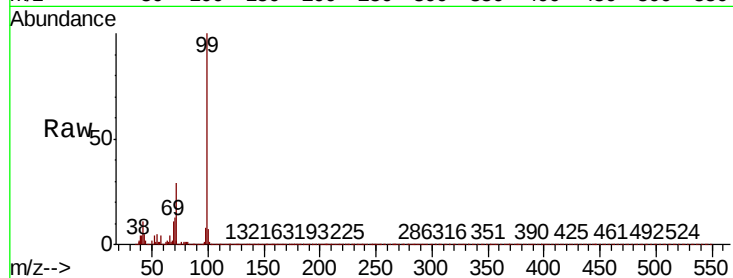
Tot Ion: 99 Resp: 2029453

Ion Ratio Lower Upper

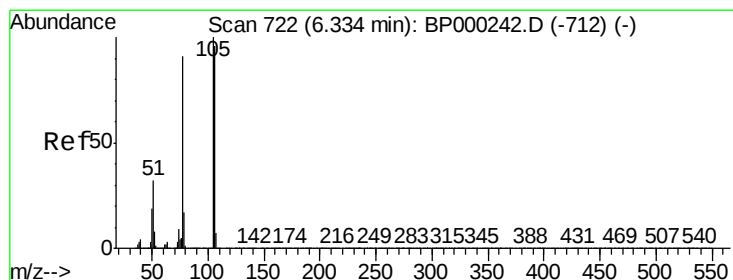
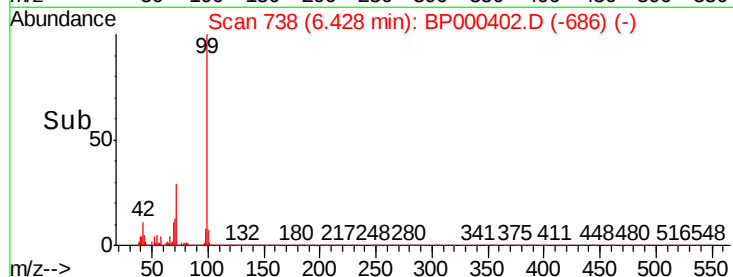
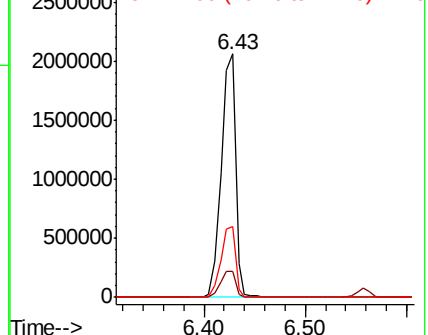
99 100

42 10.6 8.5 12.7

71 29.1 22.6 34.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

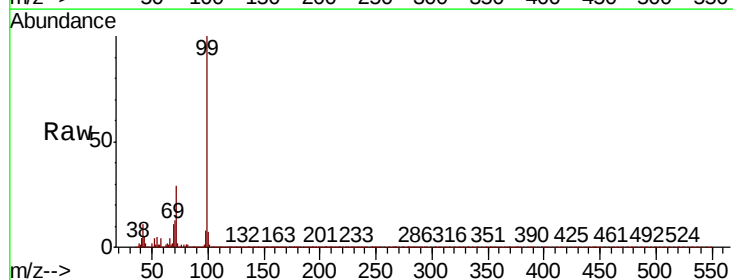
Tgt Ion: 77 Resp: 2894

Ion Ratio Lower Upper

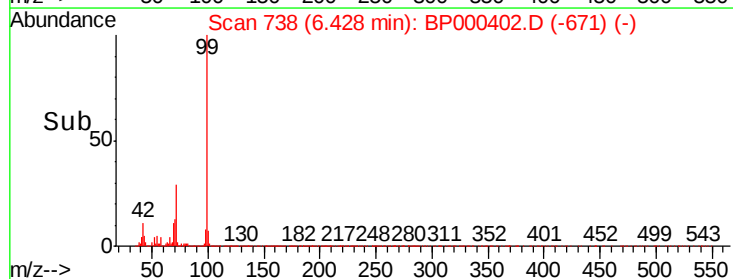
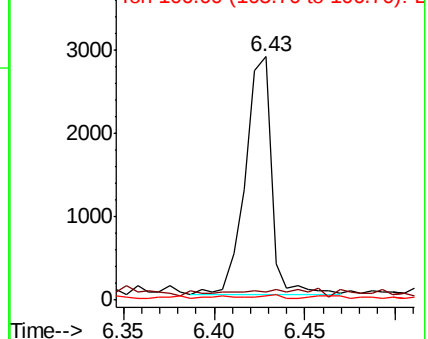
77 100

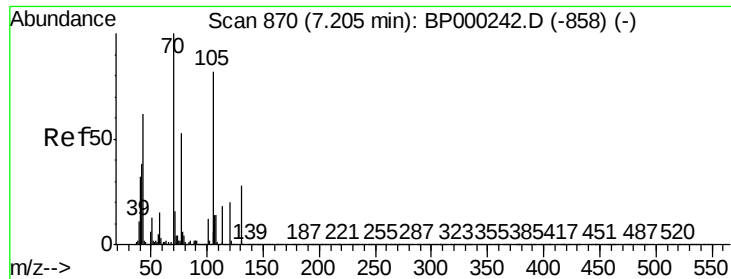
105 3.1 89.6 129.6#

106 2.0 84.6 124.6#



Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

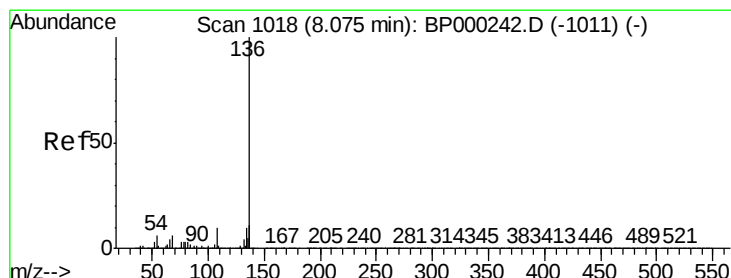
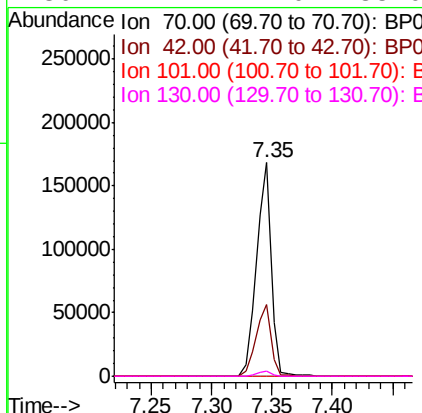
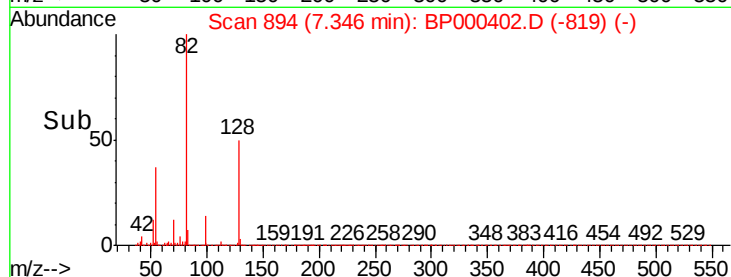
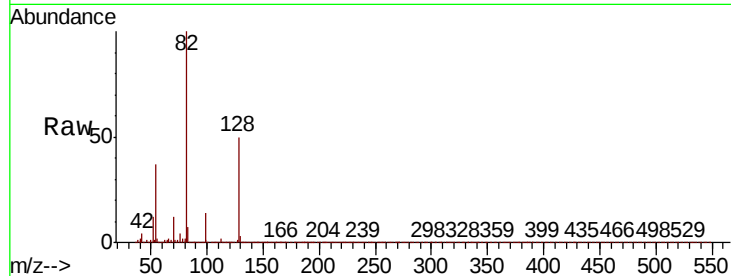




#19
n-Nitroso-di-n-propylamine
Concen: 16.903 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000402.D
Acq: 24 Sep 2019 23:03

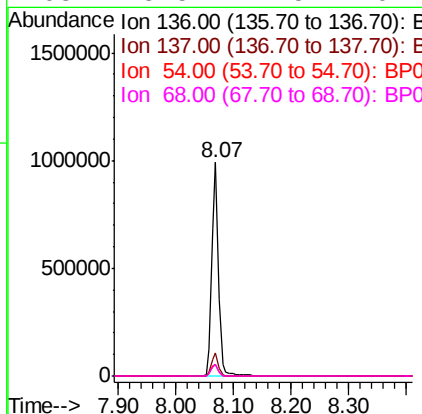
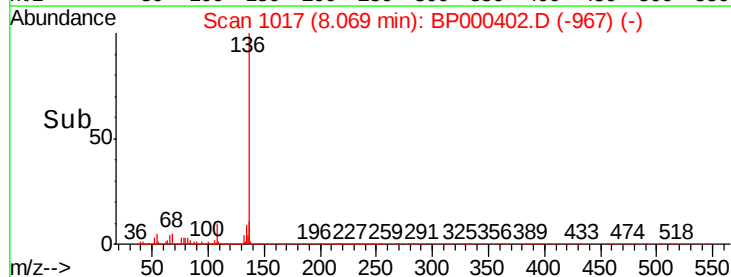
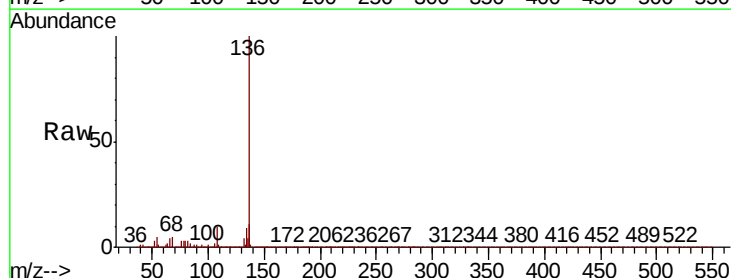
Instrument :
BNA_P
ClientSampled :

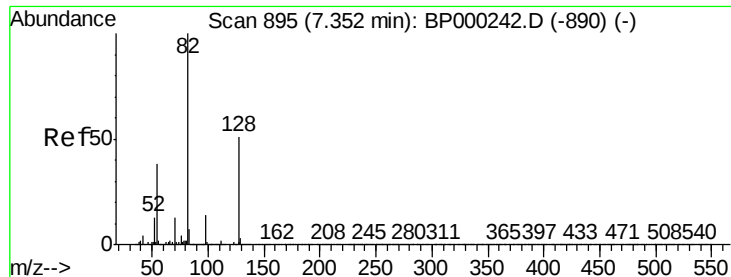
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.4	30.7	46.1
101	0.0	9.6	14.4#
130	2.4	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000402.D
Acq: 24 Sep 2019 23:03

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.5	4.5	6.7
68	5.5	4.5	6.7





#23

Nitrobenzene-d5

Concen: 92.240 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

Instrument :

BNA_P

ClientSampleId :

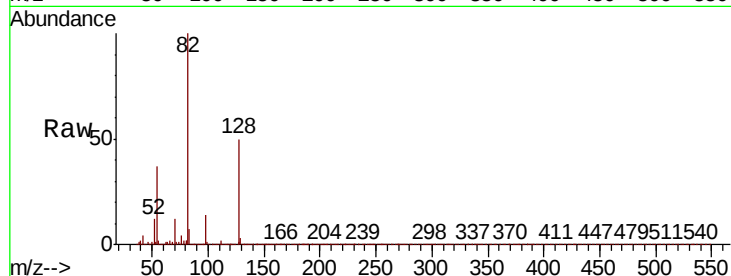
Tot Ion: 82 Resp: 1161242

Ion Ratio Lower Upper

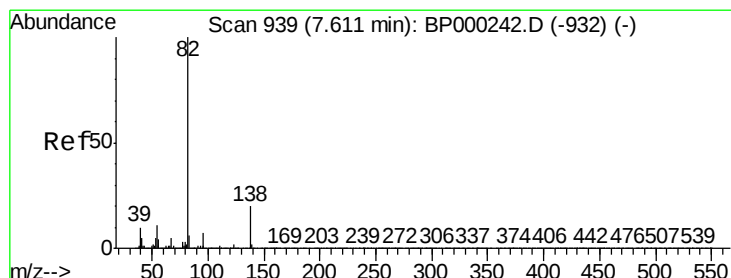
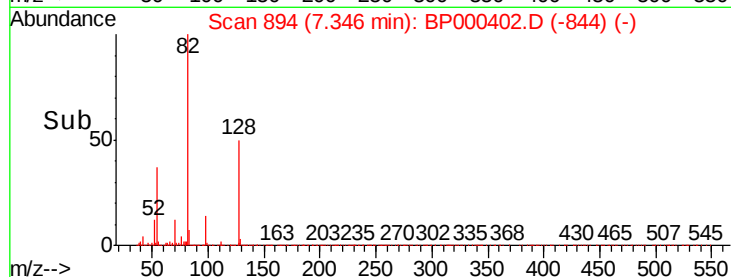
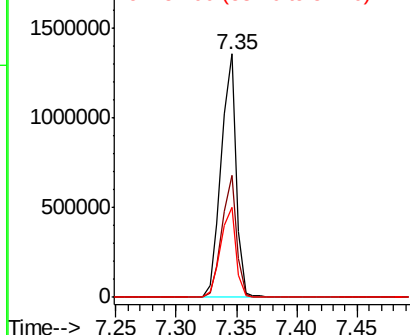
82 100

128 50.1 40.7 61.1

54 36.8 30.1 45.1



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: 46.564 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

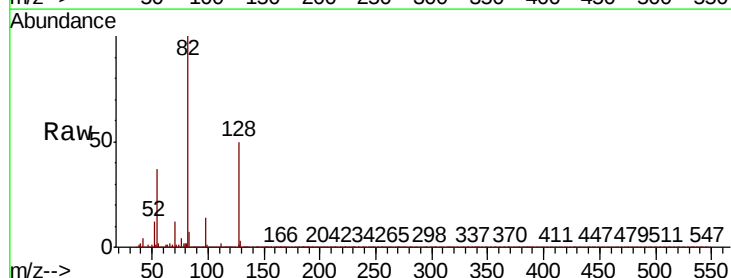
Tgt Ion: 82 Resp: 1160796

Ion Ratio Lower Upper

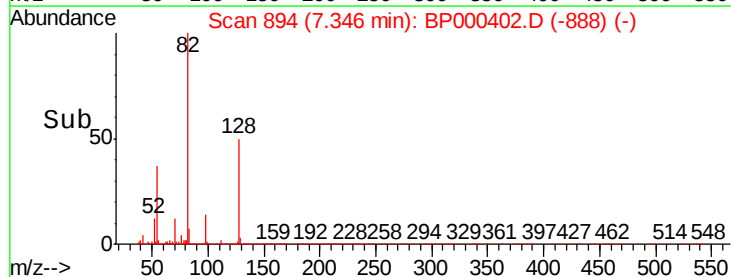
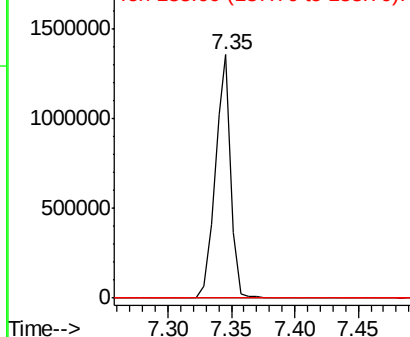
82 100

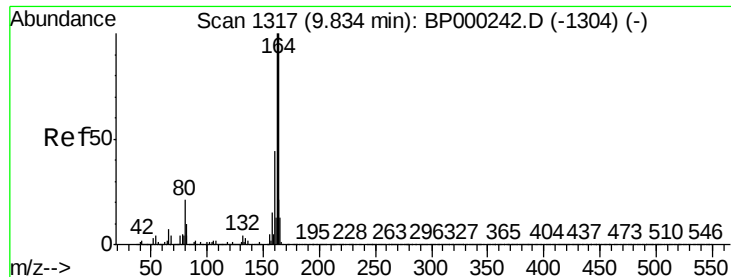
95 0.0 5.9 8.9#

138 0.0 15.9 23.9#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

Instrument :

BNA_P

ClientSampleId :

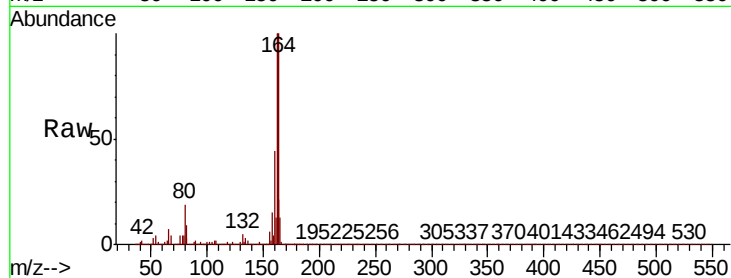
Tot Ion:164 Resp: 407806

Ion Ratio Lower Upper

164 100

162 100.4 79.9 119.9

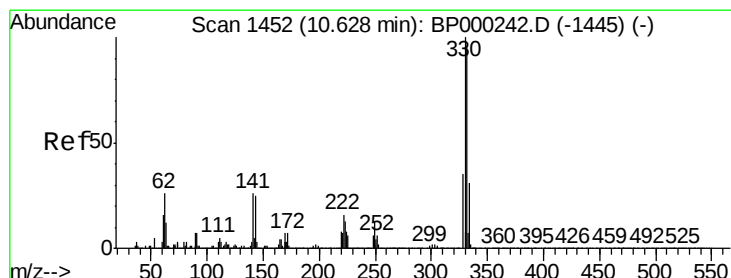
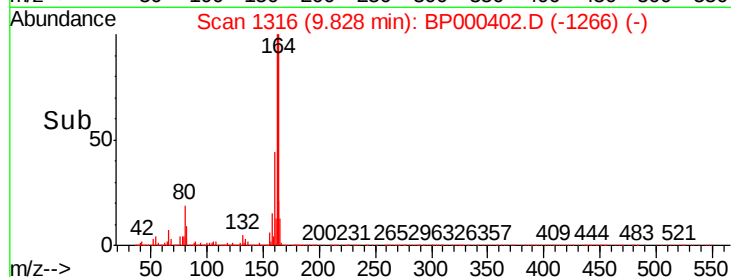
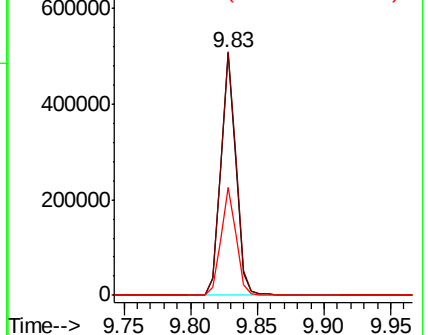
160 44.7 35.6 53.4



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: 139.400 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

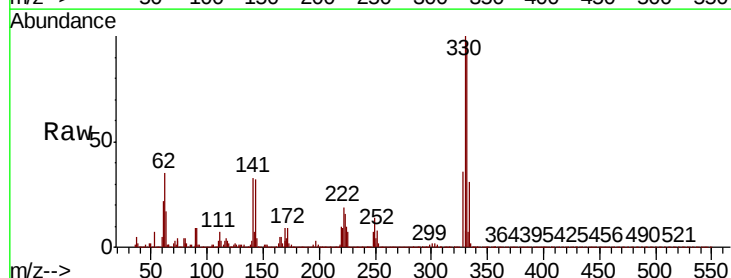
Tgt Ion:330 Resp: 563857

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

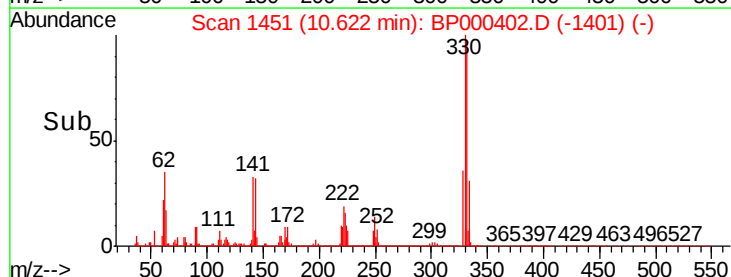
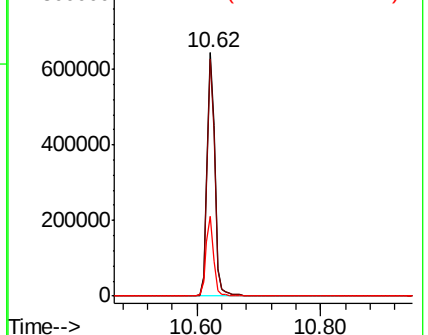
141 32.6 26.5 39.7

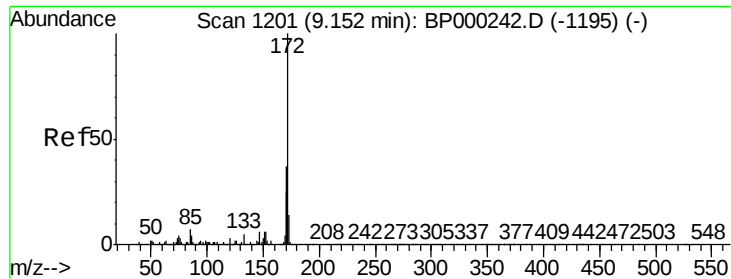


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



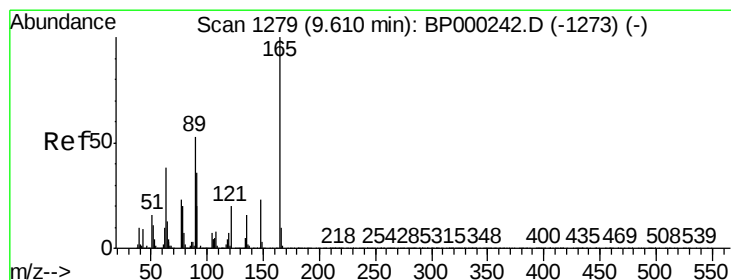
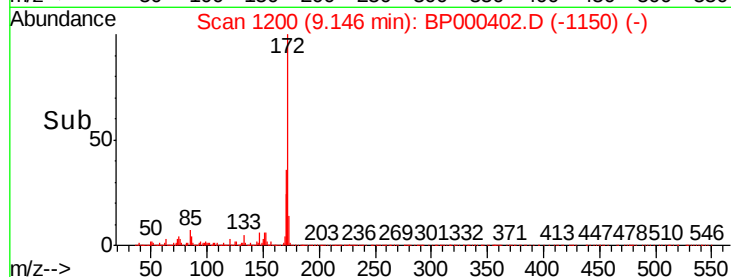
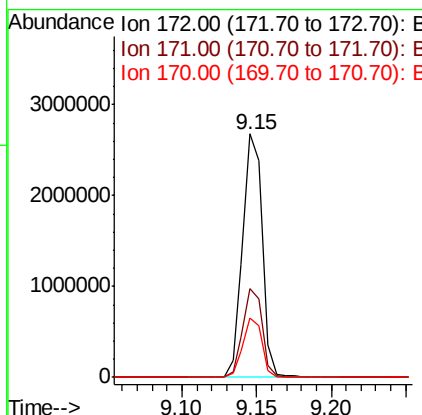
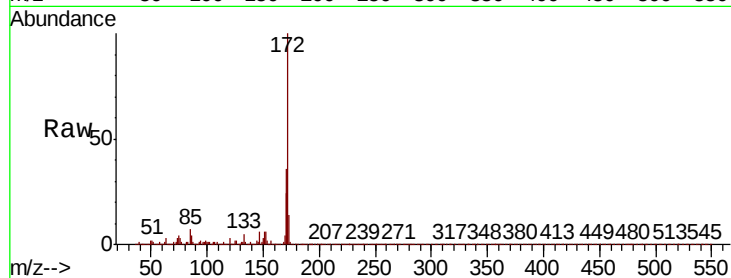


#45
 2-Fluorobiphenyl
 Concen: 108.661 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BP000402.D
 Acq: 24 Sep 2019 23:03

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:172 Resp: 2462077

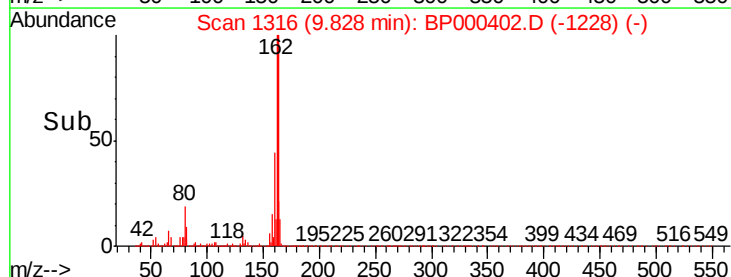
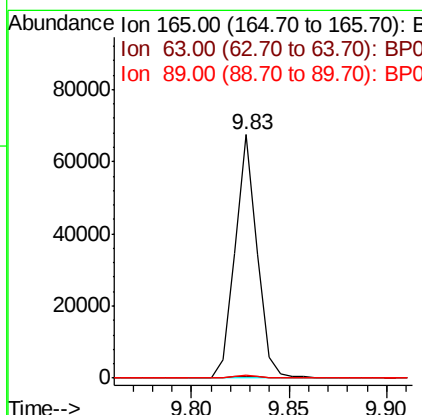
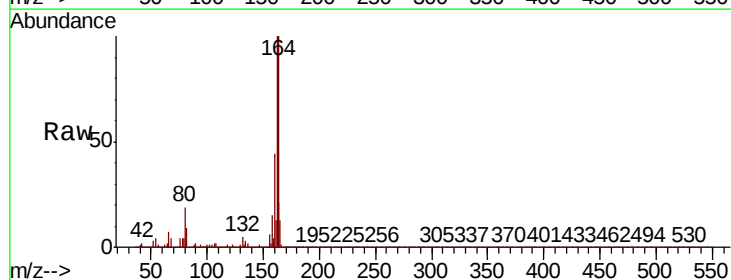
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.4	19.8	29.6

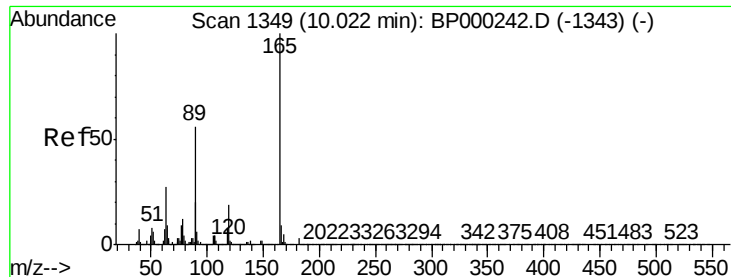


#51
 2,6-Dinitrotoluene
 Concen: 8.651 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.22 min
 Lab File: BP000402.D
 Acq: 24 Sep 2019 23:03

Tgt Ion:165 Resp: 52851

Ion	Ratio	Lower	Upper
165	100		
63	0.8	35.8	53.8#
89	1.2	42.6	63.8#





#57

2,4-Dinitrotoluene

Concen: 6.621 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

Instrument :

BNA_P

ClientSampled :

Tot Ion:165 Resp: 52882

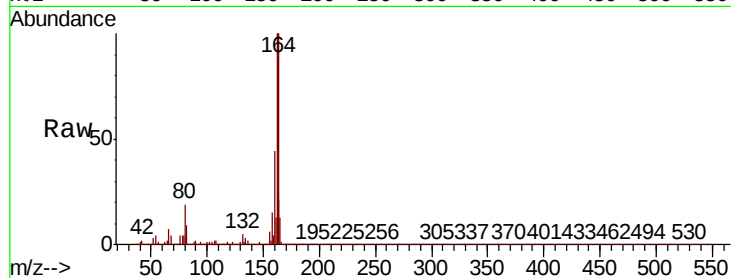
Ion Ratio Lower Upper

165 100

63 0.8 21.7 32.5#

89 1.2 45.0 67.6#

182 0.0 2.4 3.6#

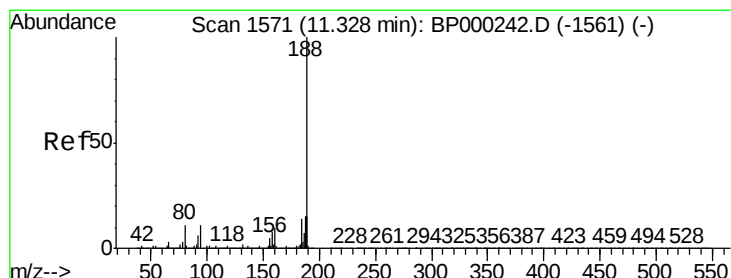
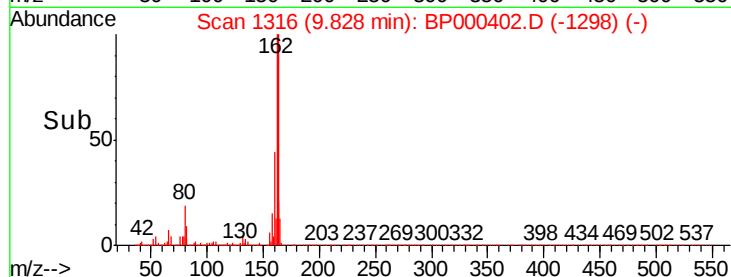
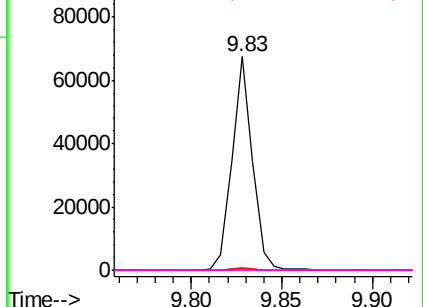


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

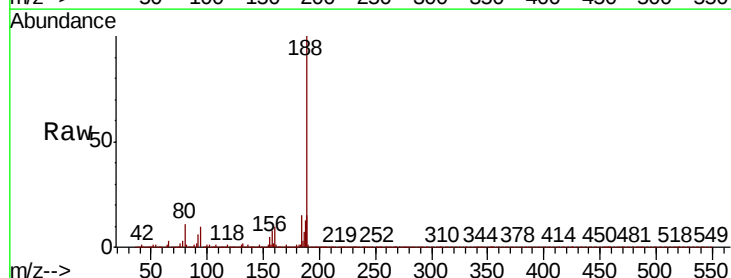
Tgt Ion:188 Resp: 757634

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

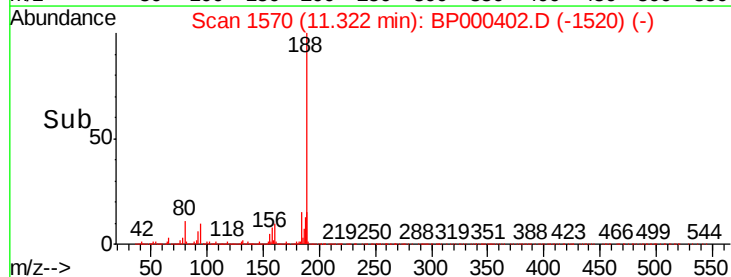
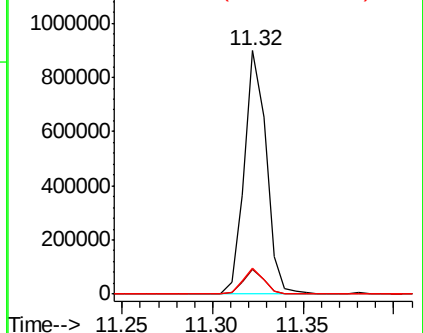
80 10.6 8.6 13.0

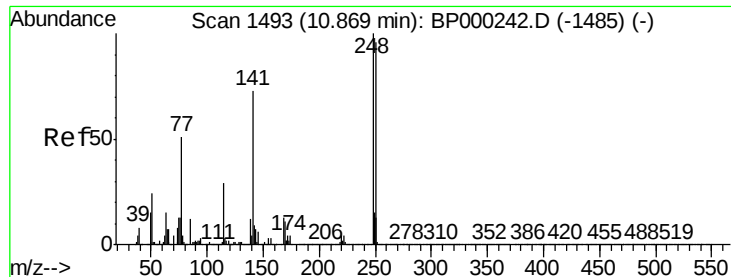


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

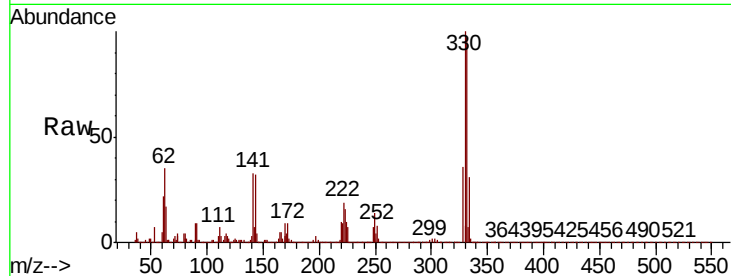




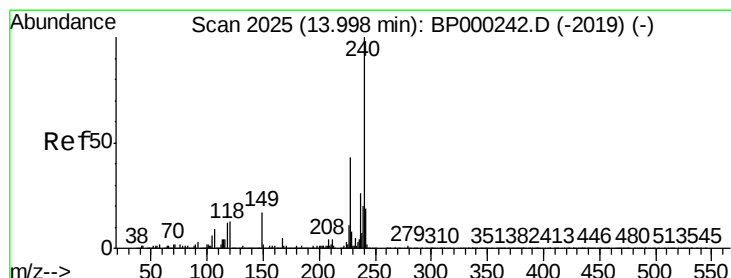
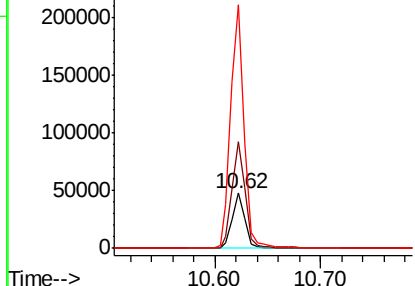
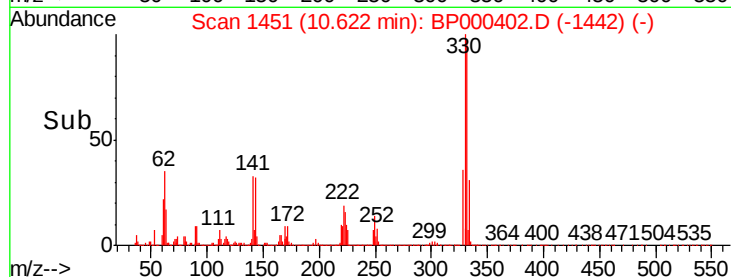
#67
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000402.D
Acq: 24 Sep 2019 23:03

Instrument :
BNA_P
ClientSampled :

Tot Ion:248 Resp: 39461
Ion Ratio Lower Upper
248 100
250 193.7 77.0 115.4#
141 439.6 58.5 87.7#

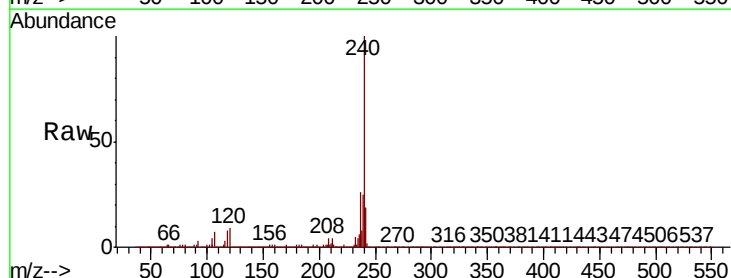


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

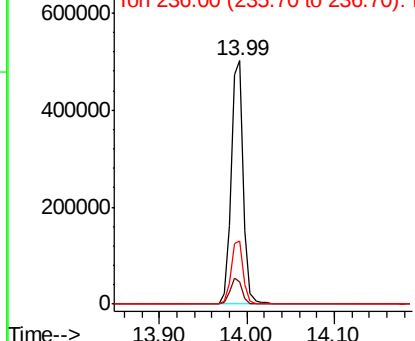
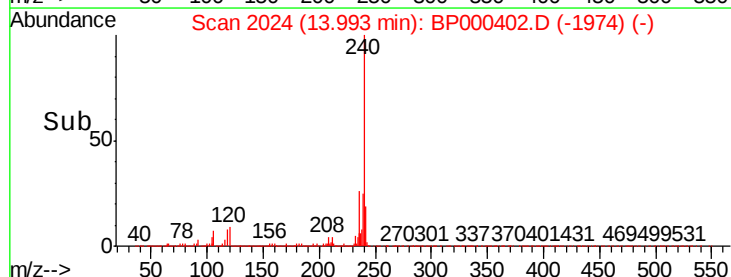


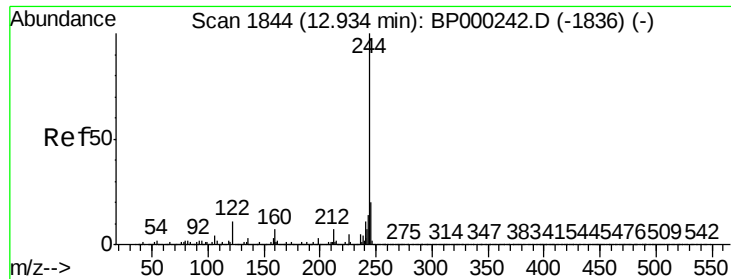
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000402.D
Acq: 24 Sep 2019 23:03

Tgt Ion:240 Resp: 478607
Ion Ratio Lower Upper
240 100
120 9.0 10.4 15.6#
236 26.2 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

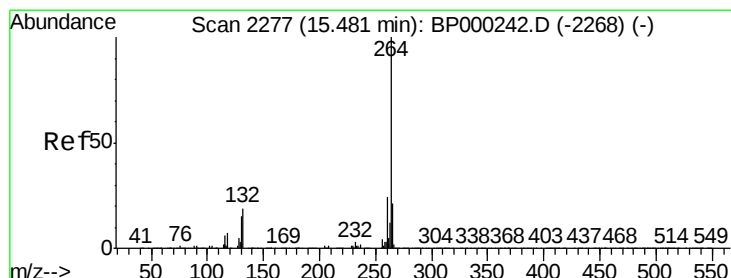
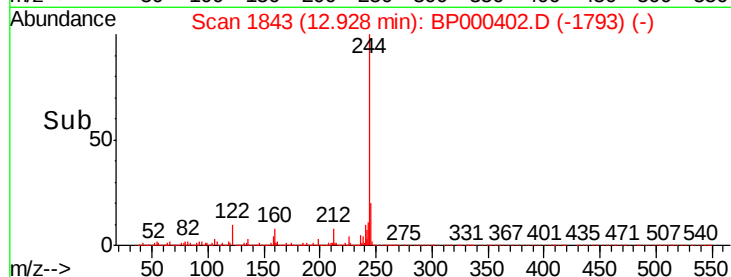
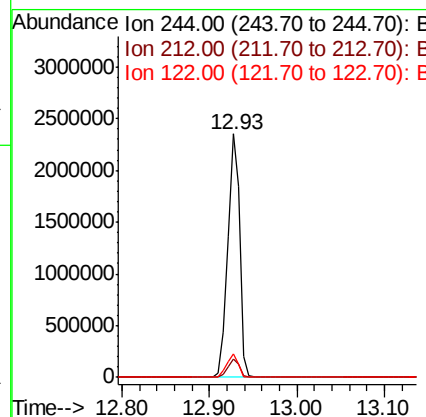
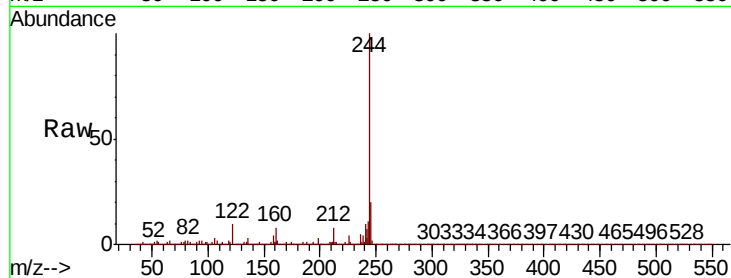




#79
 Terphenyl-d14
 Concen: 97.544 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000402.D
 Acq: 24 Sep 2019 23:03

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 2225400
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BP000402.D
 Acq: 24 Sep 2019 23:03

Tgt Ion:264 Resp: 533084
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.4 17.2 25.8

