

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000400.D
 Acq On : 24 Sep 2019 22:15
 Operator : JU
 Sample : K4997-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-12-091919

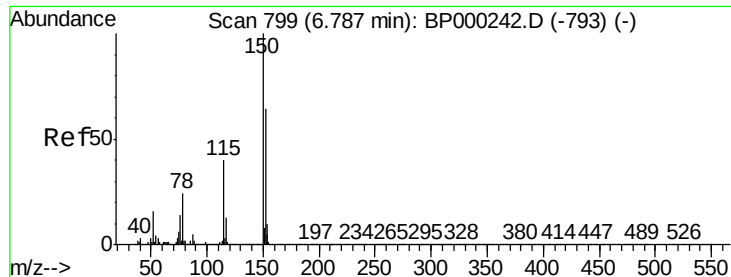
Quant Time: Sep 25 01:18:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	227859	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	836601	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	465424	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	883802	20.00	ng	0.00
76) Chrysene-d12	13.99	240	779450	20.00	ng	0.00
87) Perylene-d12	15.47	264	847966	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1655808	125.45	ng	0.02
7) Phenol-d6	6.43	99	2051805	126.82	ng	0.00
23) Nitrobenzene-d5	7.35	82	1220278	94.11	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	681189	147.56	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2532610	97.94	ng	0.00
79) Terphenyl-d14	12.93	244	3254647	87.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2843	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	148074	17.310	ng	# 75
25) Isophorone	7.35	82	1219910	47.512	ng	# 63
50) Dimethylphthalate	9.54	163	132558	4.180	ng	# 99
51) 2,6-Dinitrotoluene	9.83	165	60786	8.718	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	60831	6.674	ng	# 35
67) 4-Bromophenyl-phenylether	10.62	248	46735	4.676	ng	# 1
69) Atrazine	11.02	200	39	Below Cal	#	8

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

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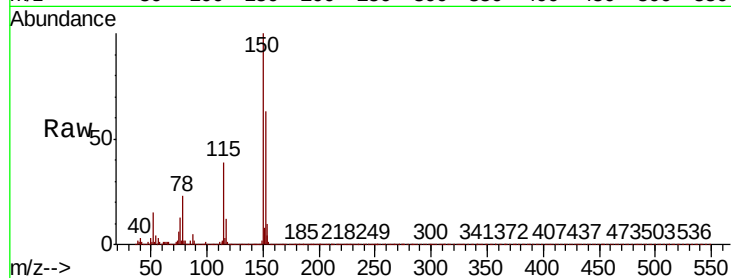
Tot Ion:152 Resp: 227859

Ion Ratio Lower Upper

152 100

150 157.6 125.2 187.8

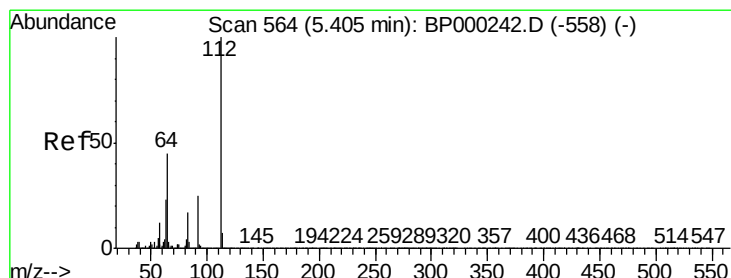
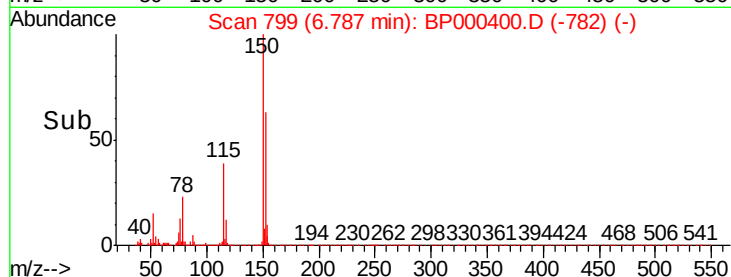
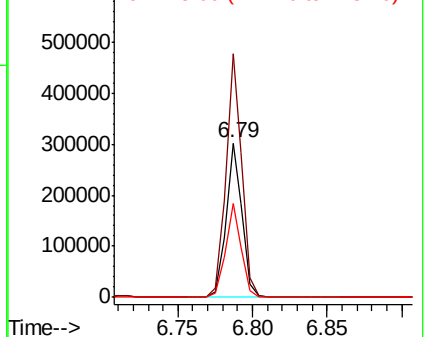
115 61.0 49.7 74.5



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: 125.451 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000400.D

Acq: 24 Sep 2019 22:15

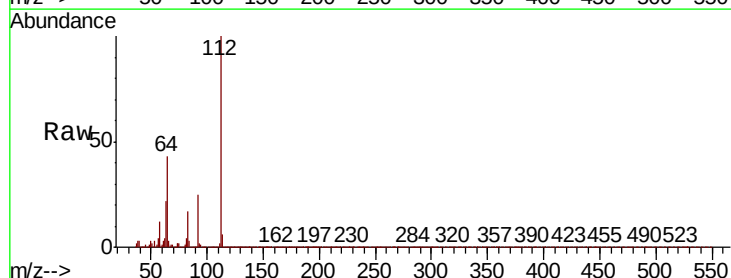
Tgt Ion:112 Resp: 1655808

Ion Ratio Lower Upper

112 100

64 42.8 36.2 54.4

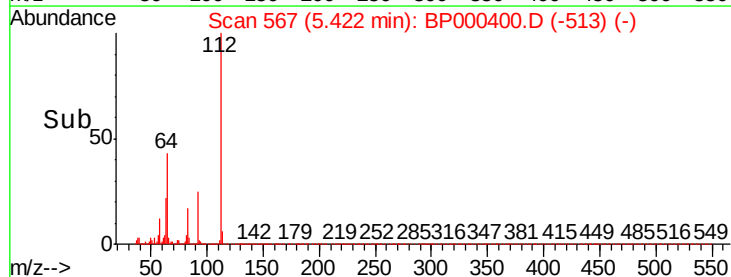
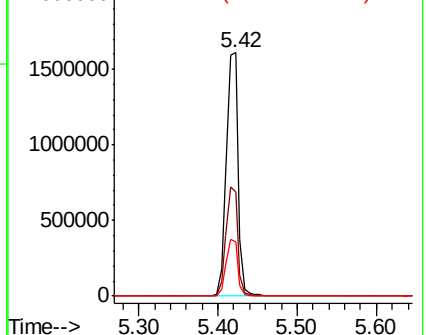
63 22.1 18.3 27.5

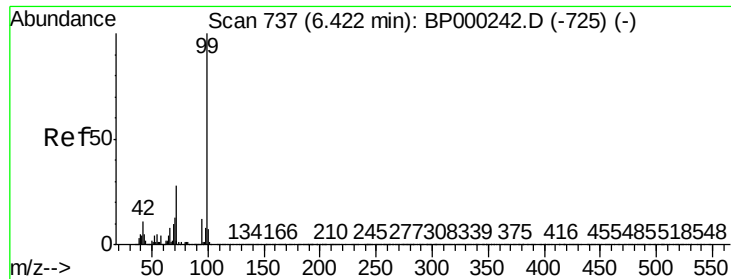


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 126.819 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000400.D

Acq: 24 Sep 2019 22:15

Instrument :

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ClientSampleId :

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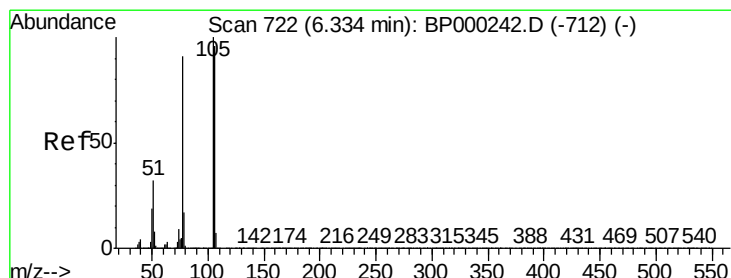
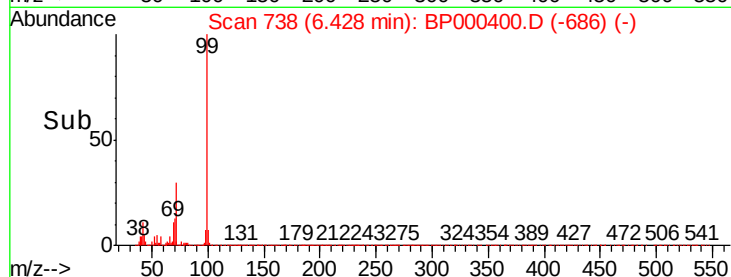
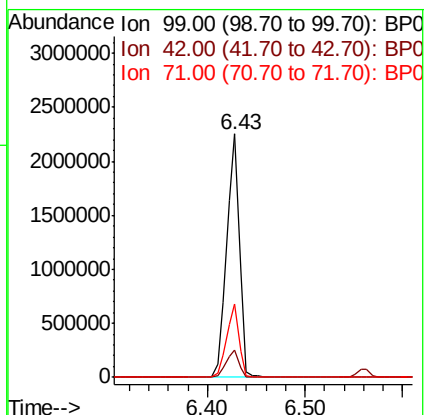
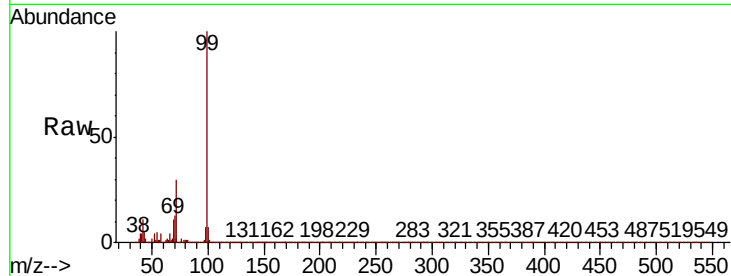
Tot Ion: 99 Resp: 2051805

Ion Ratio Lower Upper

99 100

42 11.0 8.5 12.7

71 29.9 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000400.D

Acq: 24 Sep 2019 22:15

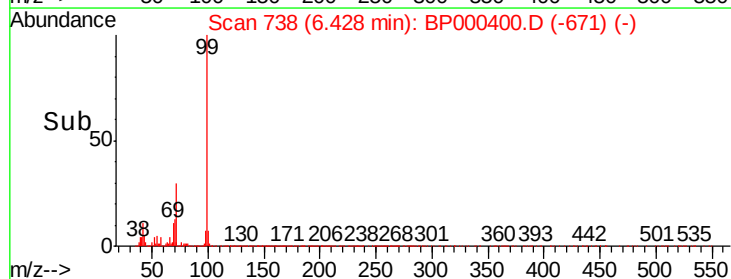
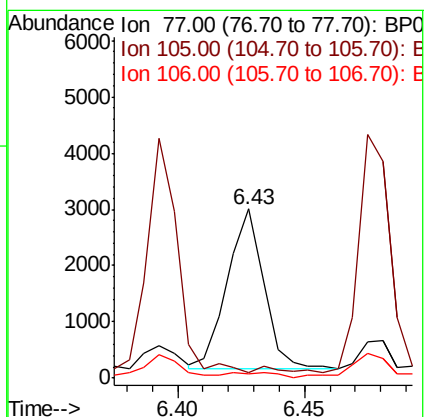
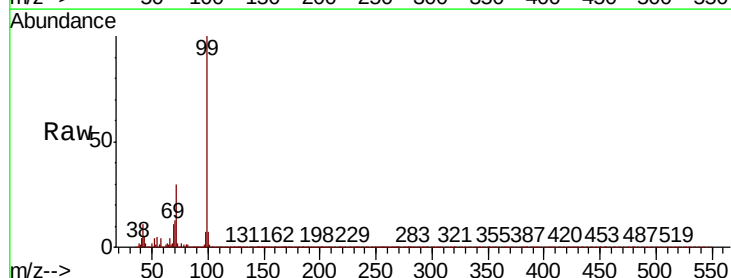
Tgt Ion: 77 Resp: 2843

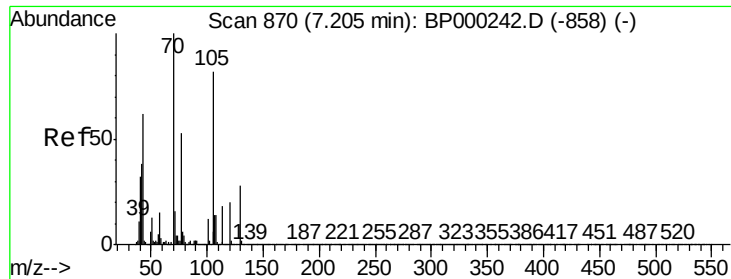
Ion Ratio Lower Upper

77 100

105 3.6 89.6 129.6#

106 2.6 84.6 124.6#

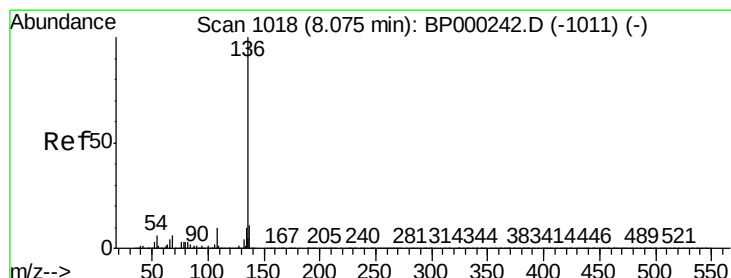
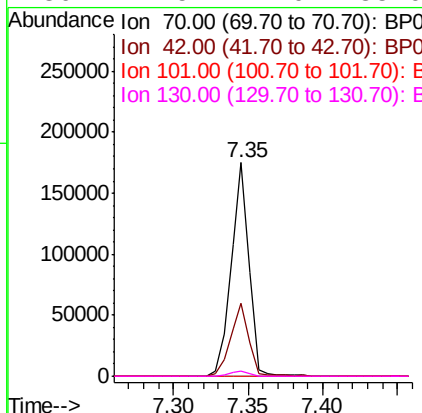
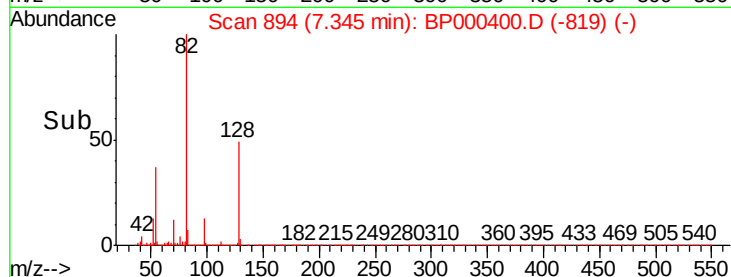
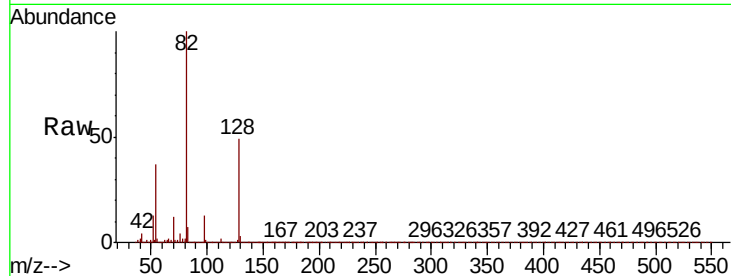




#19
n-Nitroso-di-n-propylamine
Concen: 17.310 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000400.D
Acq: 24 Sep 2019 22:15

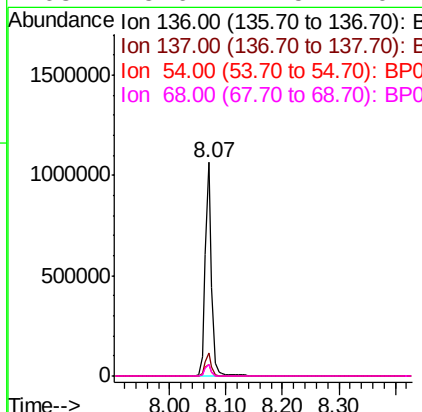
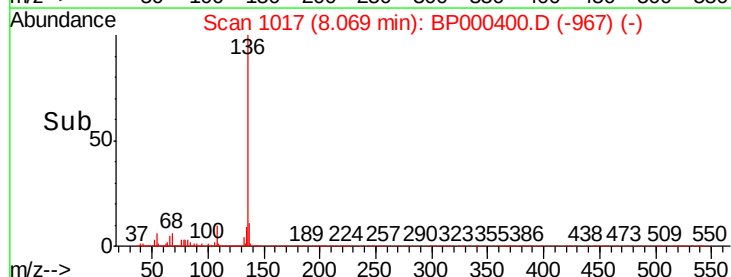
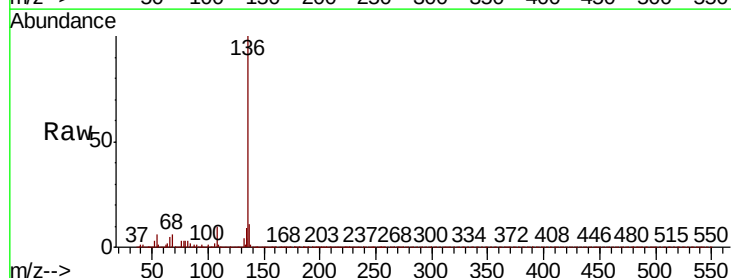
Instrument :
BNA_P
ClientSampleId :
WC-12-091919

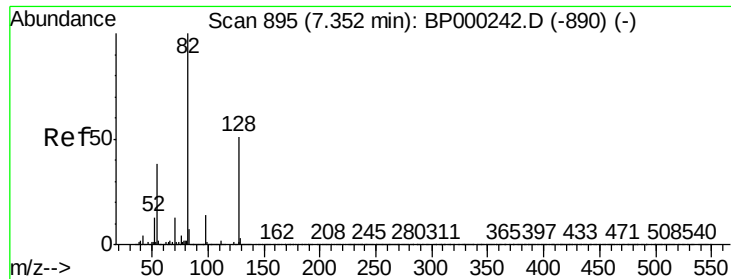
Tot Ion:	70	Resp:	148074
Ion	Ratio	Lower	Upper
70	100		
42	34.5	30.7	46.1
101	0.0	9.6	14.4#
130	2.5	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000400.D
Acq: 24 Sep 2019 22:15

Tgt Ion:	136	Resp:	836601
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.6	4.5	6.7
68	5.6	4.5	6.7

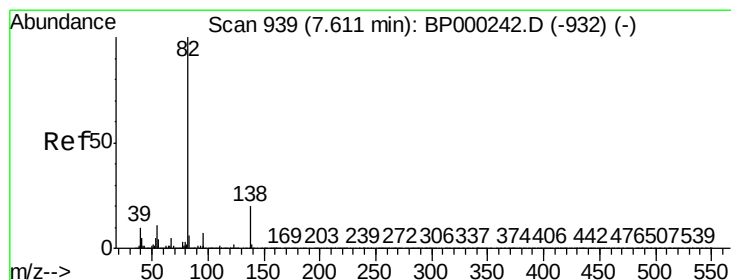
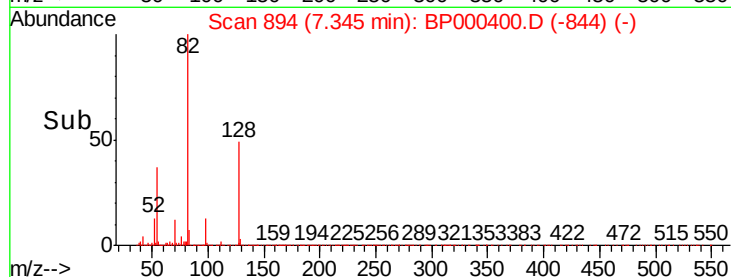
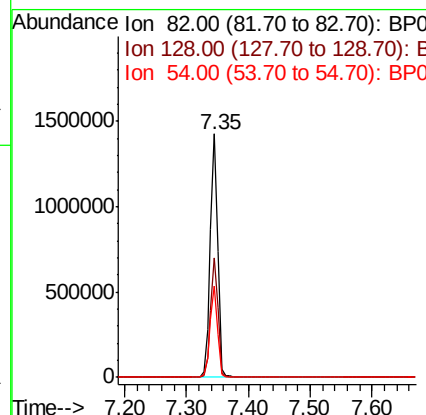
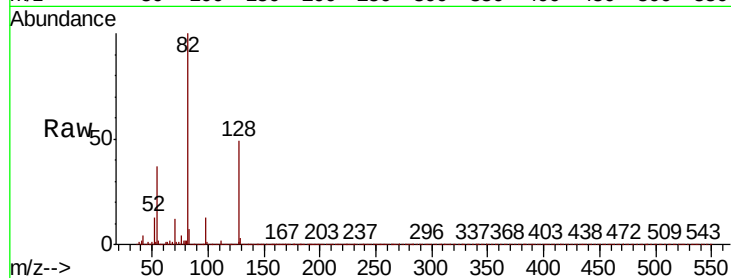




#23
Nitrobenzene-d5
Concen: 94.109 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000400.D
Acq: 24 Sep 2019 22:15

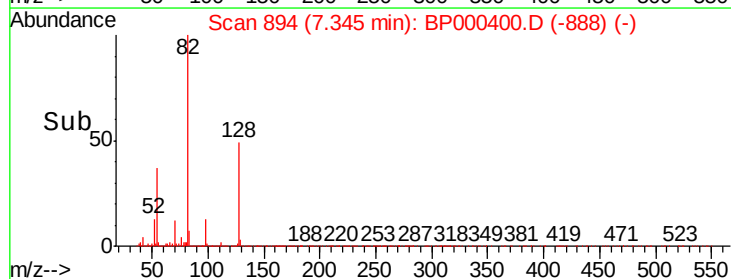
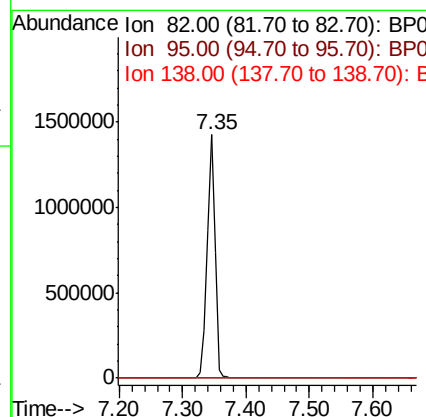
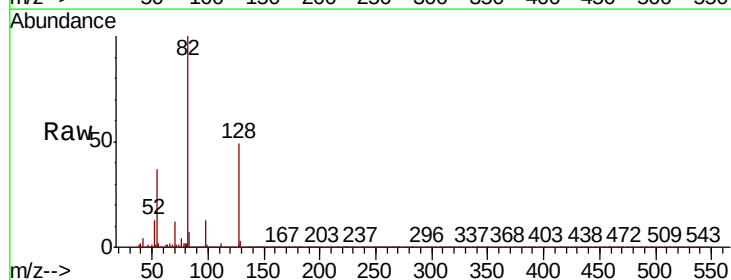
Instrument :
BNA_P
ClientSampleId :
WC-12-091919

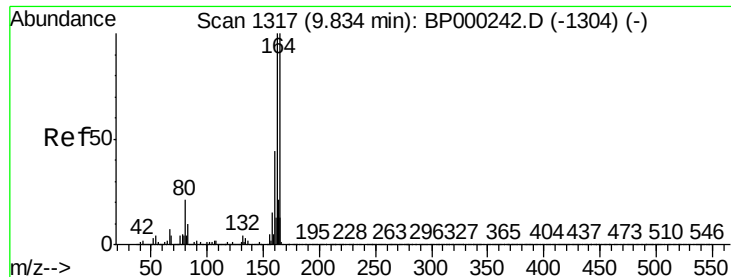
Tot Ion: 82 Resp: 1220278
Ion Ratio Lower Upper
82 100
128 48.9 40.7 61.1
54 37.4 30.1 45.1



#25
Isophorone
Concen: 47.512 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BP000400.D
Acq: 24 Sep 2019 22:15

Tgt Ion: 82 Resp: 1219910
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# 1316

Delta R.T. -0.01 min

Lab File: BP000400.D

Acq: 24 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

WC-12-091919

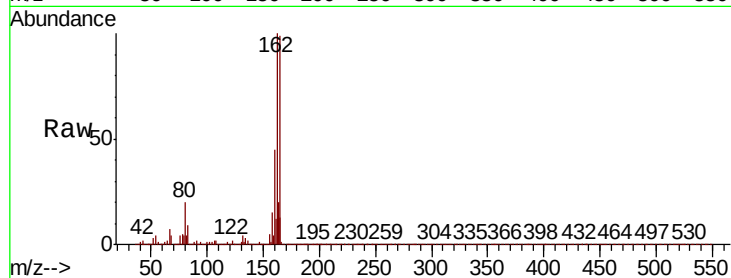
Tot Ion:164 Resp: 465424

Ion Ratio Lower Upper

164 100

162 100.5 79.9 119.9

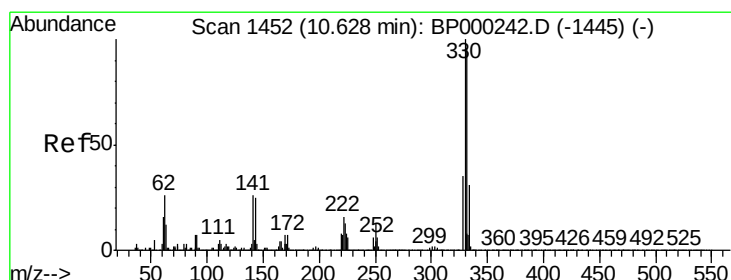
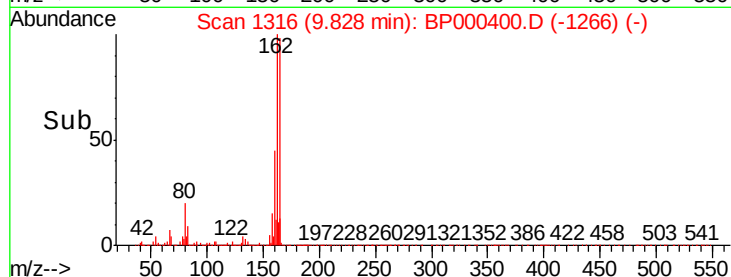
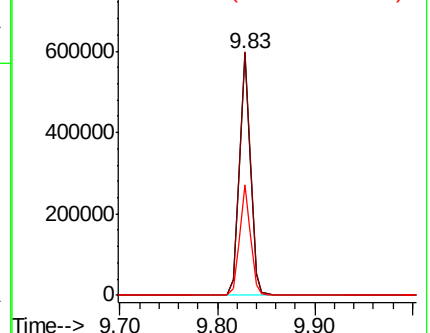
160 45.4 35.6 53.4



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: 147.559 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000400.D

Acq: 24 Sep 2019 22:15

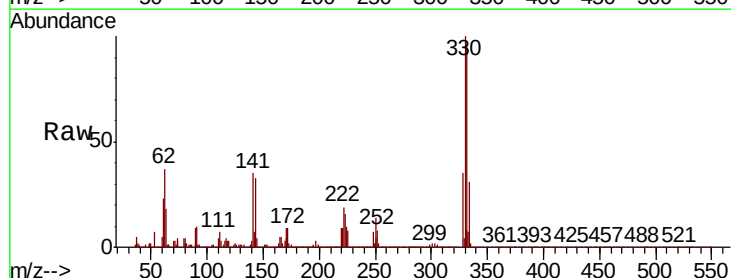
Tgt Ion:330 Resp: 681189

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

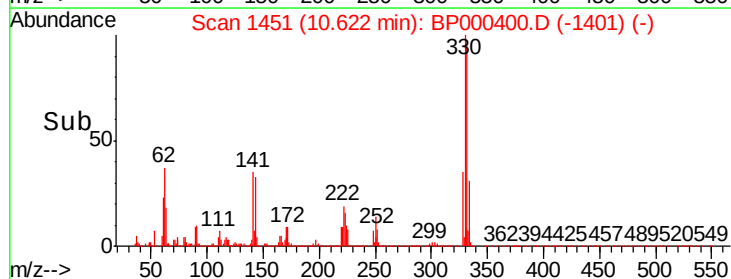
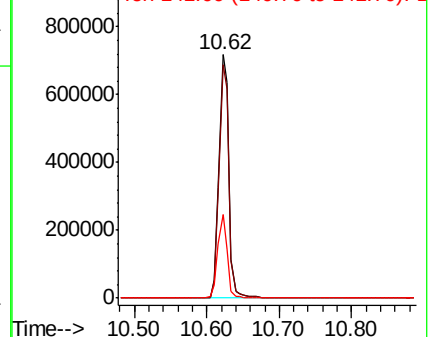
141 32.9 26.5 39.7

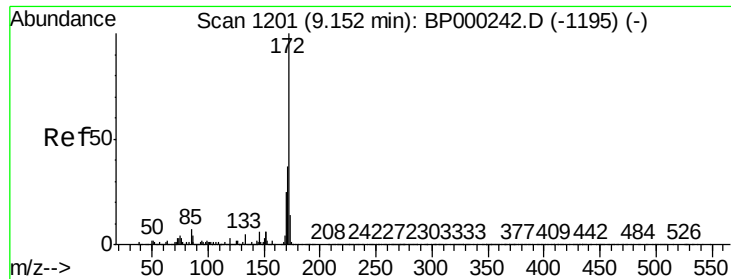


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

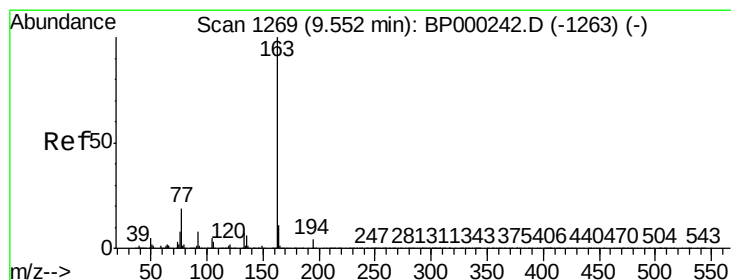
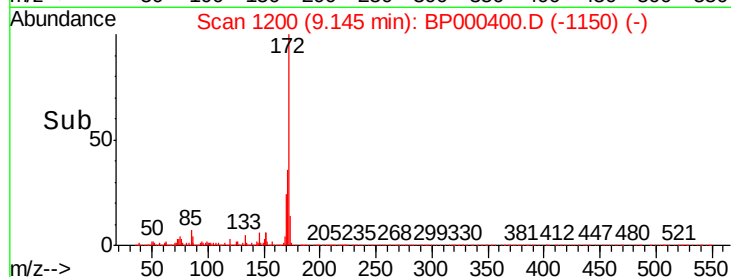
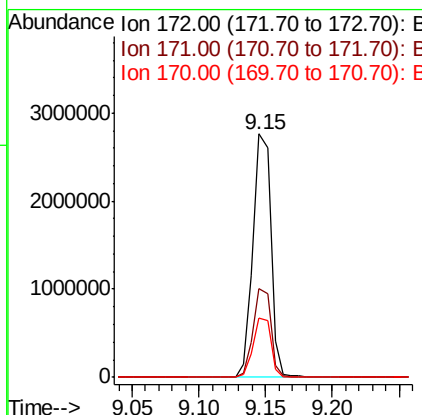
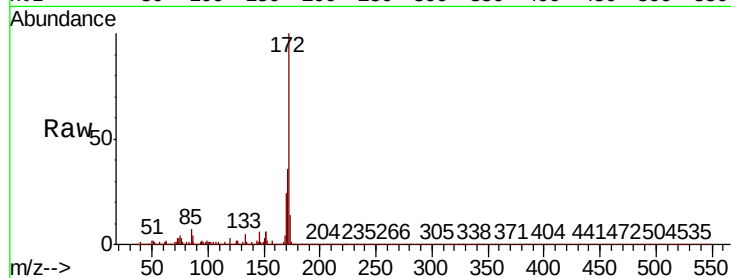




#45
2-Fluorobiphenyl
Concen: 97.937 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000400.D
Acq: 24 Sep 2019 22:15

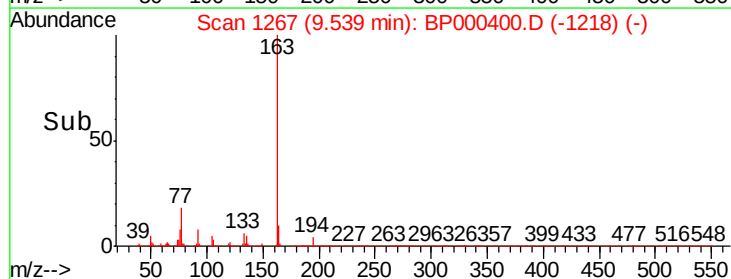
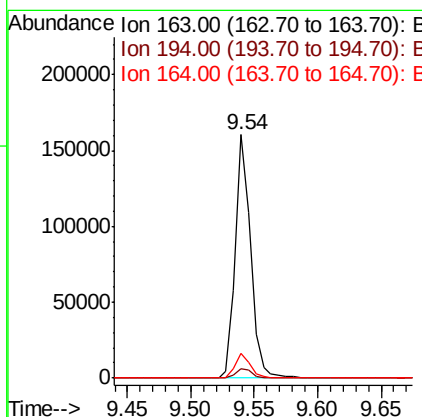
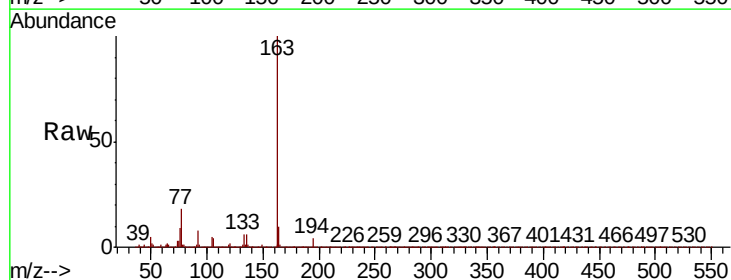
Instrument :
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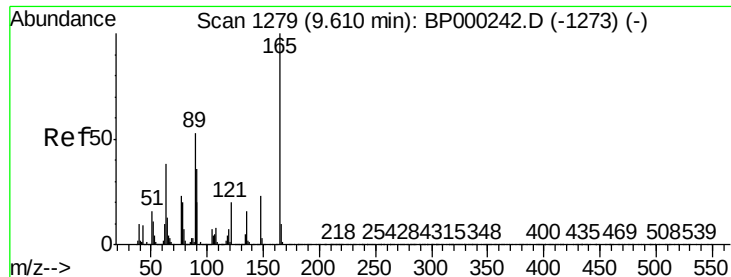
Tot Ion:172 Resp: 2532610
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 24.4 19.8 29.6



#50
Dimethylphthalate
Concen: 4.180 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000400.D
Acq: 24 Sep 2019 22:15

Tgt Ion:163 Resp: 132558
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 8.718 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.22 min

Lab File: BP000400.D

Acq: 24 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

WC-12-091919

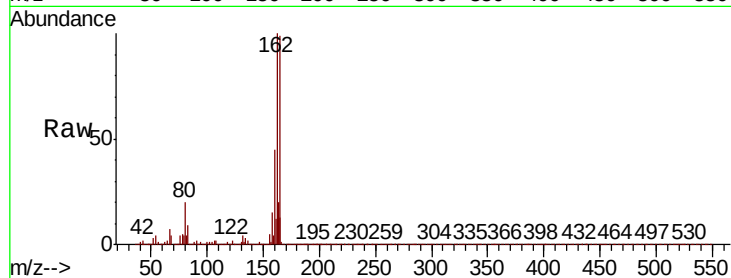
Tot Ion:165 Resp: 60786

Ion Ratio Lower Upper

165 100

63 1.0 35.8 53.8#

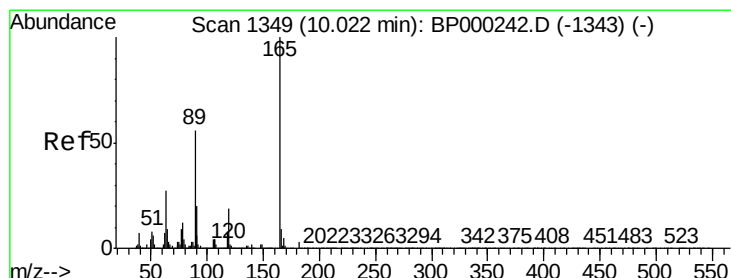
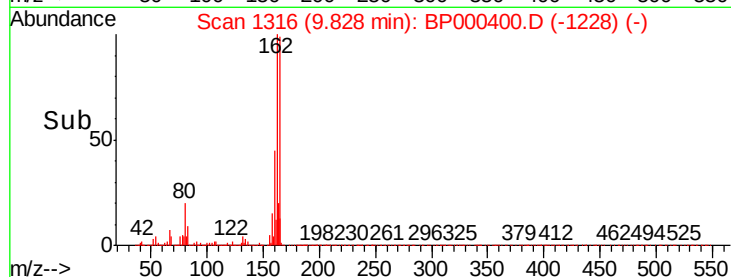
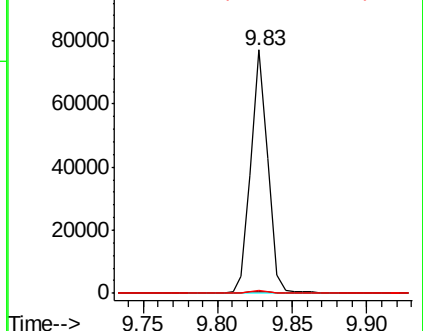
89 1.2 42.6 63.8#



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



#57

2,4-Dinitrotoluene

Concen: 6.674 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000400.D

Acq: 24 Sep 2019 22:15

Tgt Ion:165 Resp: 60831

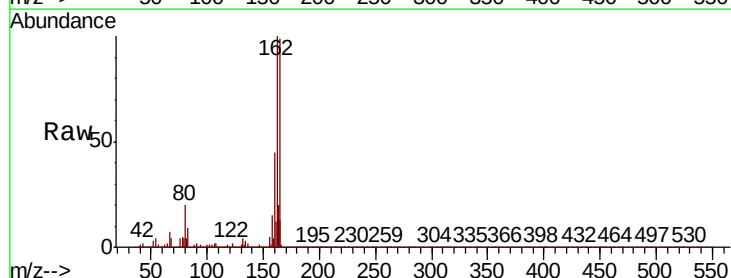
Ion Ratio Lower Upper

165 100

63 1.0 21.7 32.5#

89 1.2 45.0 67.6#

182 0.1 2.4 3.6#

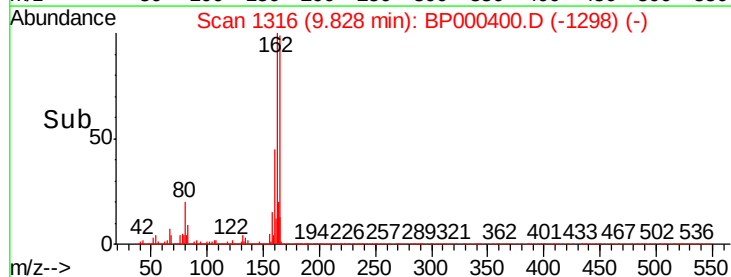
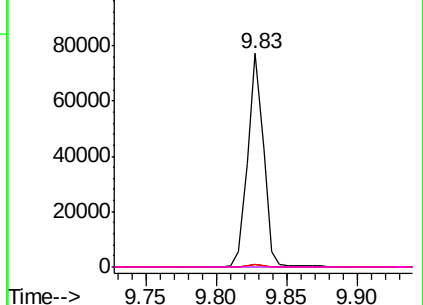


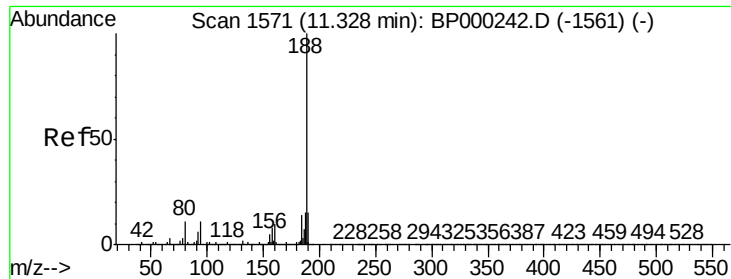
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000400.D

Acq: 24 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

WC-12-091919

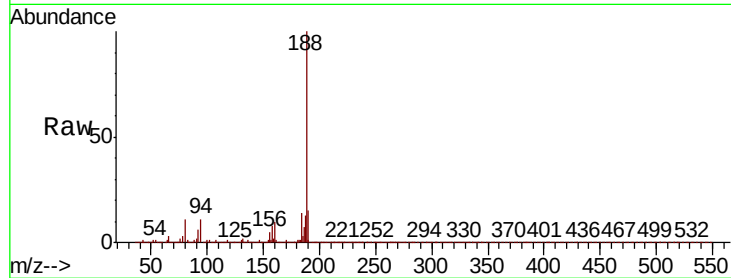
Tot Ion:188 Resp: 883802

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

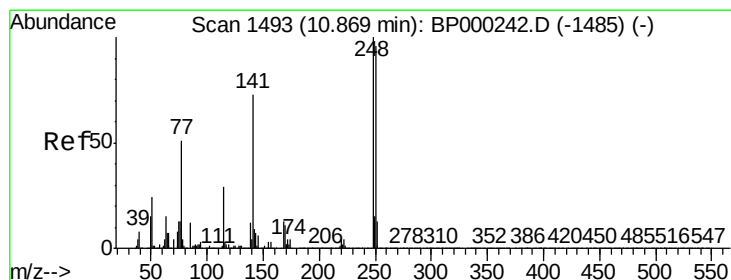
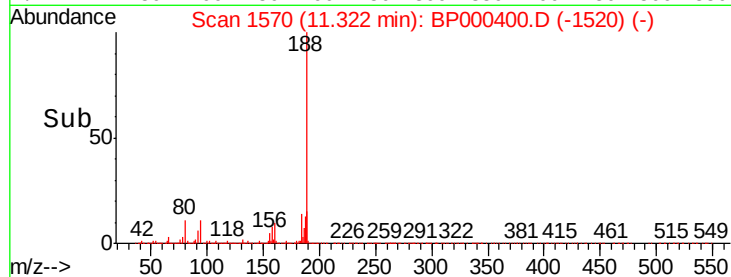
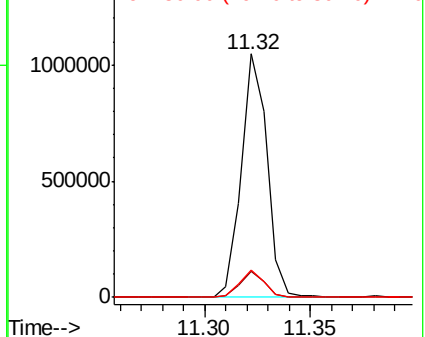
80 11.0 8.6 13.0



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: 4.676 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000400.D

Acq: 24 Sep 2019 22:15

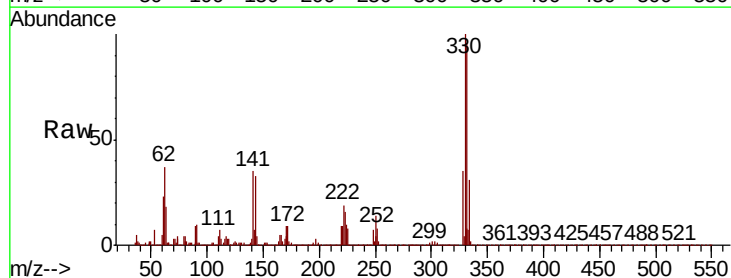
Tgt Ion:248 Resp: 46735

Ion Ratio Lower Upper

248 100

250 203.0 77.0 115.4#

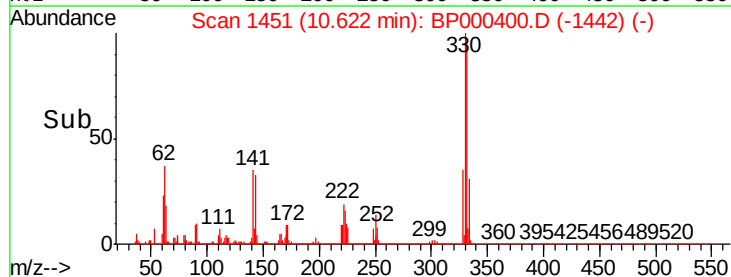
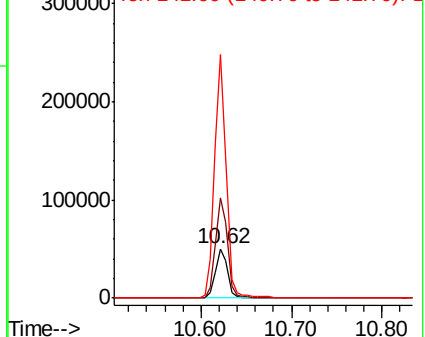
141 491.2 58.5 87.7#

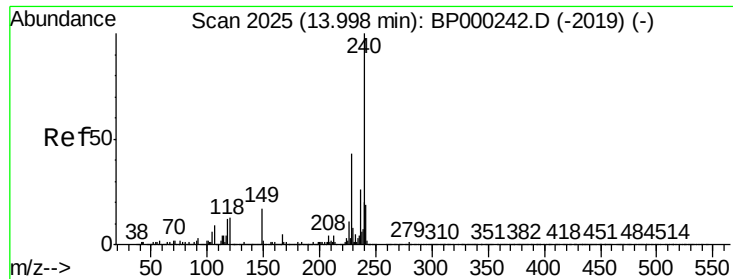


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

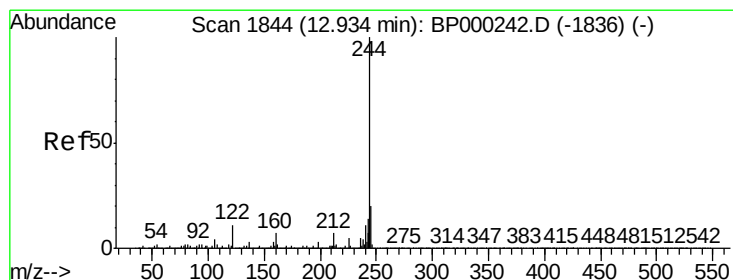
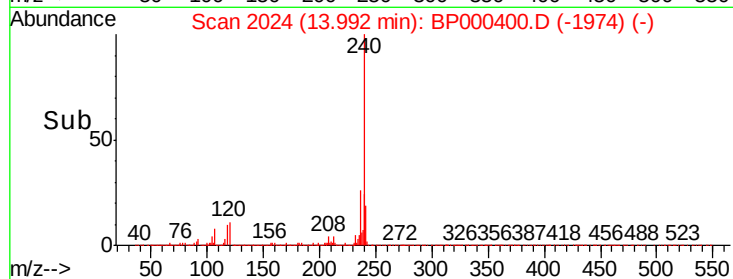
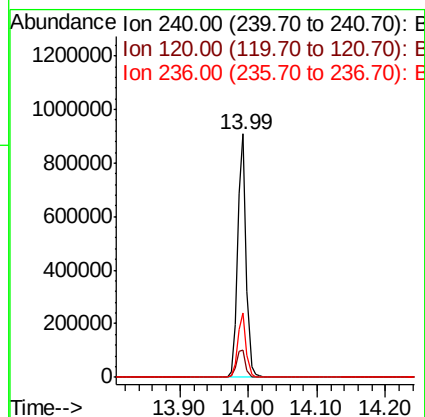
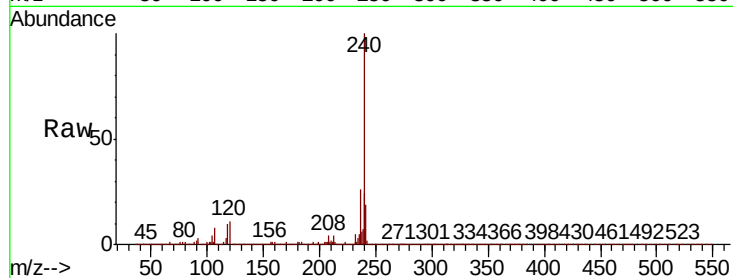




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BP000400.D
 Acq: 24 Sep 2019 22:15

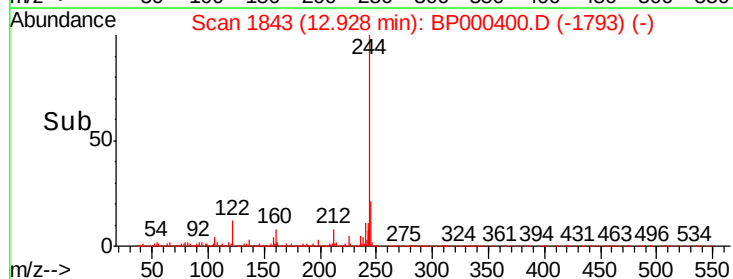
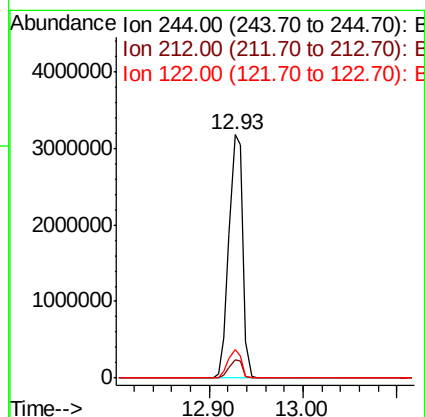
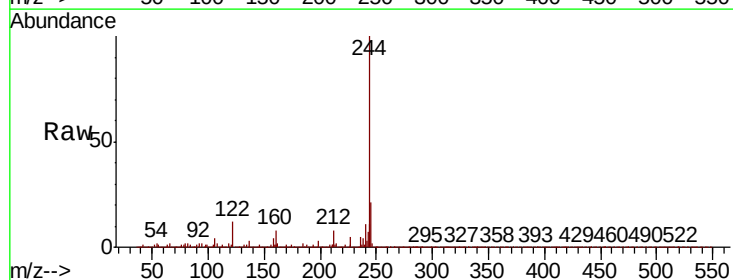
Instrument :
 BNA_P
 ClientSampleId :
 WC-12-091919

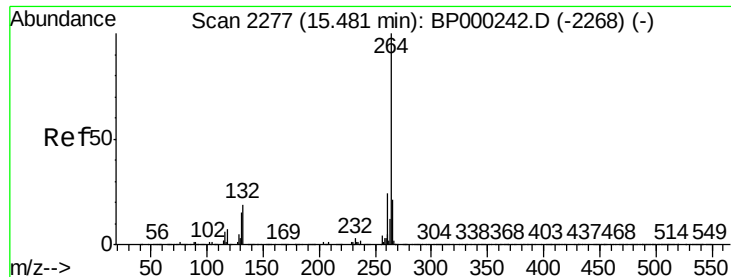
Tot Ion:240 Resp: 779450
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.4 15.6
 236 26.3 21.0 31.6



#79
 Terphenyl-d14
 Concen: 87.597 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000400.D
 Acq: 24 Sep 2019 22:15

Tgt Ion:244 Resp: 3254647
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 12.0 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000400.D
Acq: 24 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :
WC-12-091919

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.1	17.2	25.8

