

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000390.D
 Acq On : 24 Sep 2019 17:48
 Operator : JU
 Sample : K5008-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 01:13:15 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	241882	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	878761	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	493497	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	922887	20.00	ng	0.00
76) Chrysene-d12	13.99	240	806282	20.00	ng	-0.01
87) Perylene-d12	15.46	264	871973	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1403377	100.16	ng	0.00
7) Phenol-d6	6.43	99	1788511	104.14	ng	0.00
23) Nitrobenzene-d5	7.35	82	986267	72.41	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	520043	106.24	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1962453	71.57	ng	0.00
79) Terphenyl-d14	12.92	244	2377222	61.85	ng	-0.01

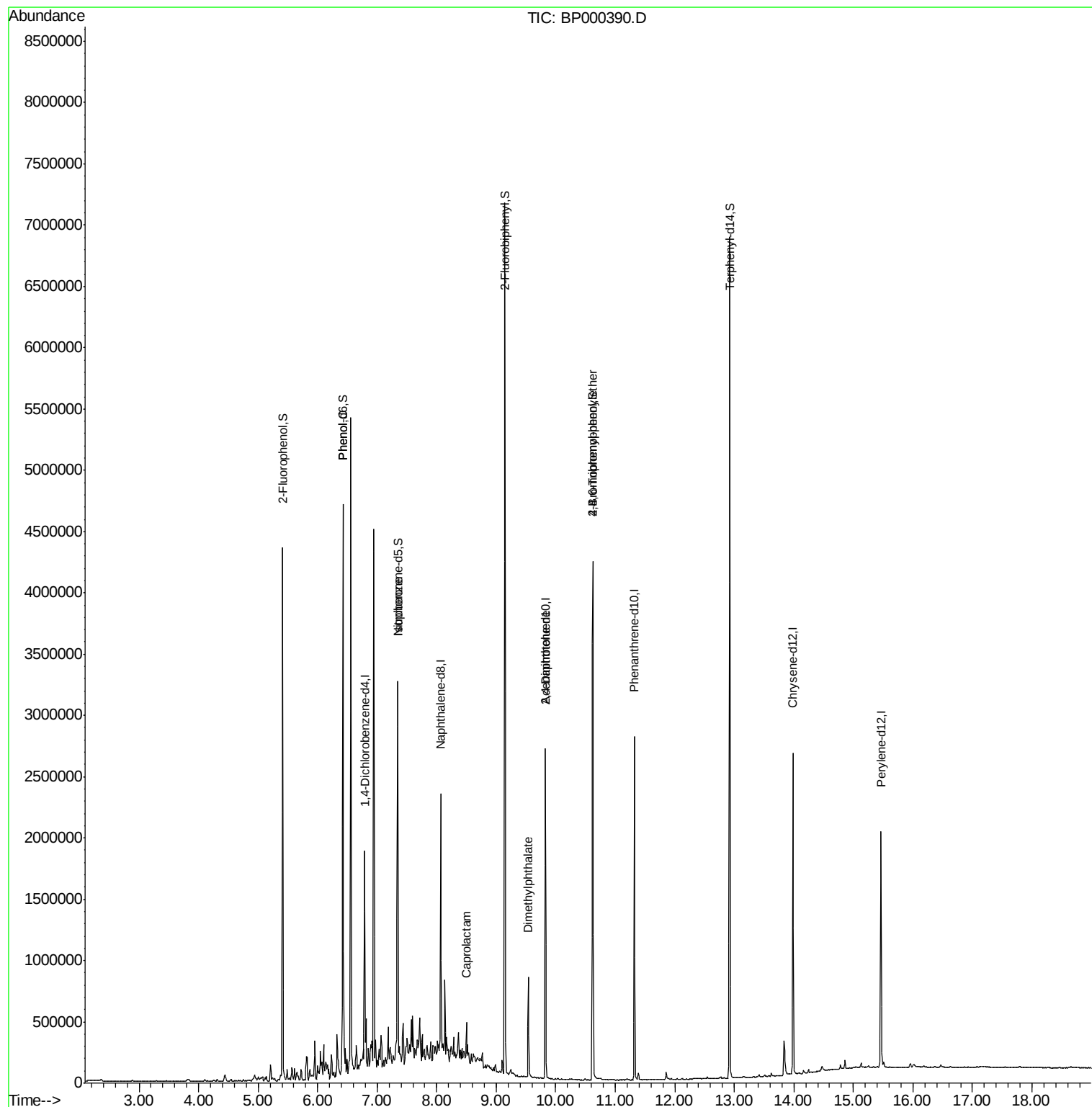
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	4915	Below Cal	#	17
10) Phenol	6.43	94	53166	2.725	ng	82
25) Isophorone	7.35	82	970882	35.999	ng	63
35) Caprolactam	8.50	113	8726	2.003	ng	26
50) Dimethylphthalate	9.54	163	289963	8.624	ng	99
57) 2,4-Dinitrotoluene	9.83	165	64592	6.683	ng	35
67) 4-Bromophenyl-phenylether	10.62	248	36165	3.465	ng	1
69) Atrazine	11.01	200	34	Below Cal	#	37

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

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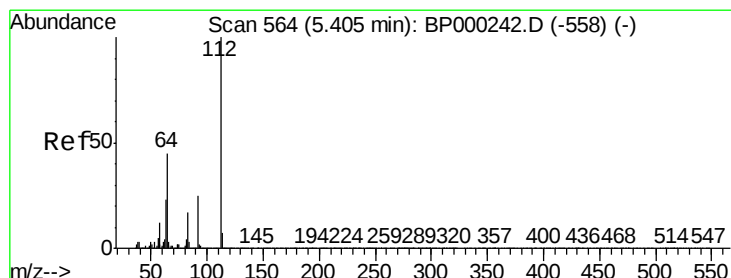
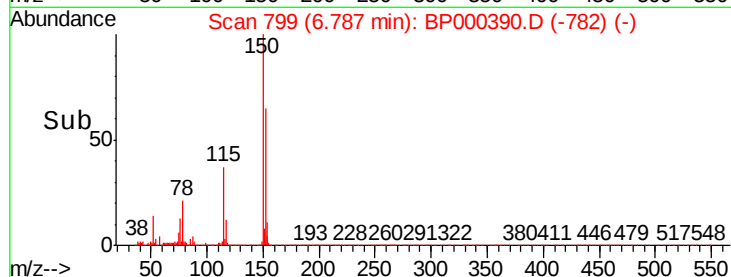
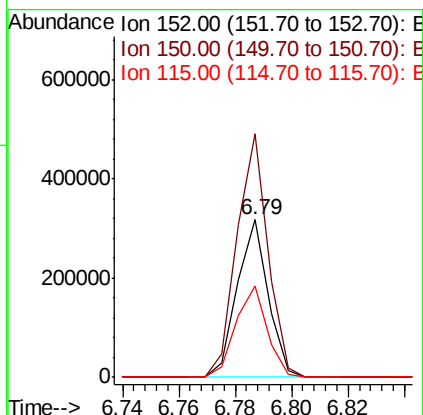
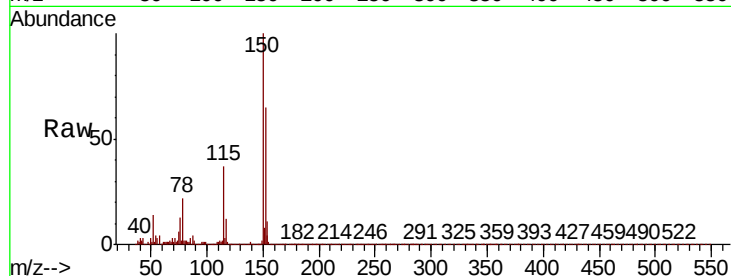


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Instrument :
BNA_P
ClientSampleId :

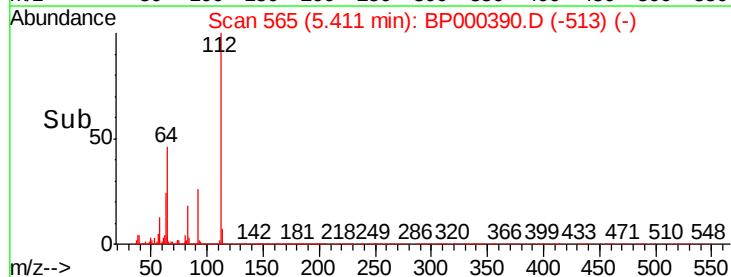
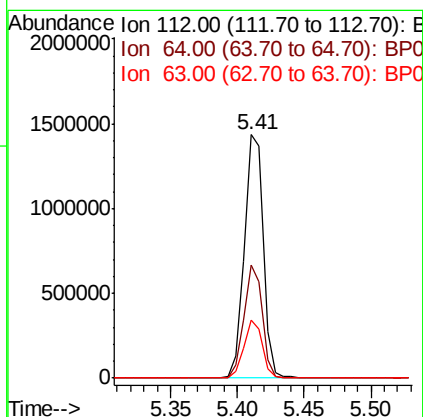
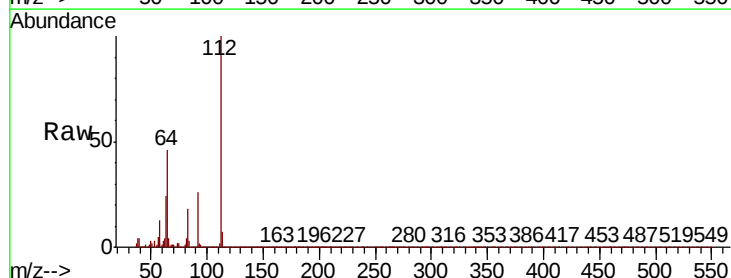
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.2	187.8
115	57.6	49.7	74.5

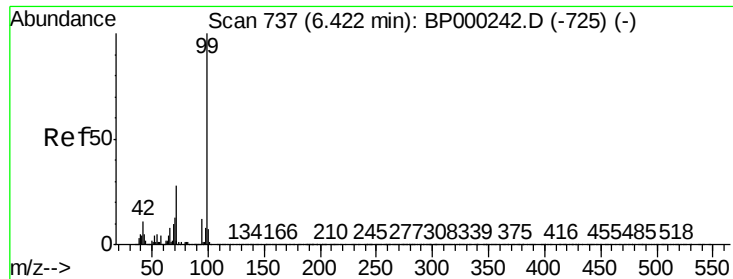


#5

2-Fluorophenol
Concen: 100.161 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.3	36.2	54.4
63	23.7	18.3	27.5





#7

Phenol-d6

Concen: 104.136 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Instrument :

BNA_P

ClientSampled :

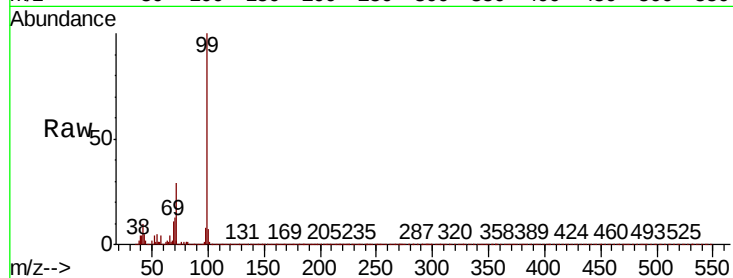
Tot Ion: 99 Resp: 1788511

Ion Ratio Lower Upper

99 100

42 10.4 8.5 12.7

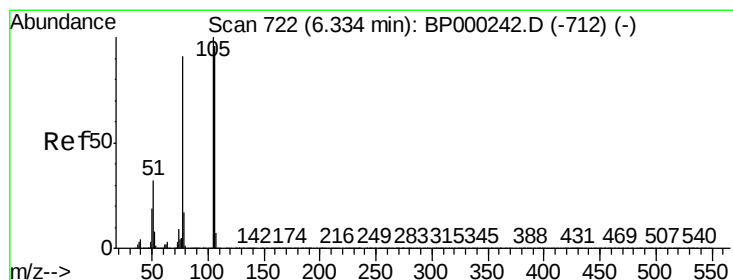
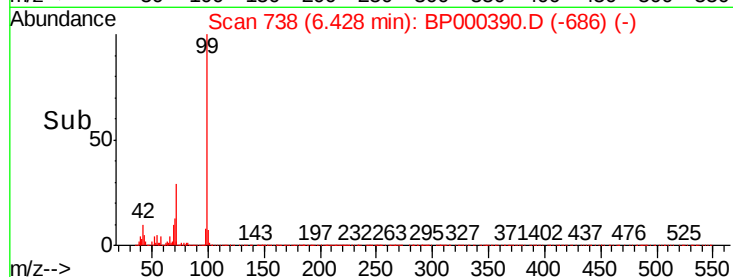
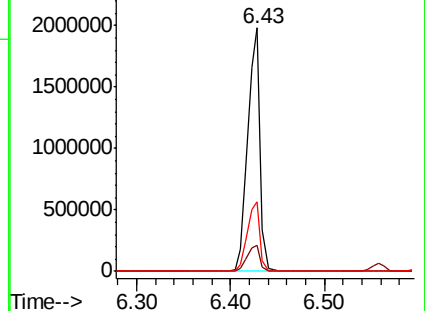
71 28.6 22.6 34.0



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: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

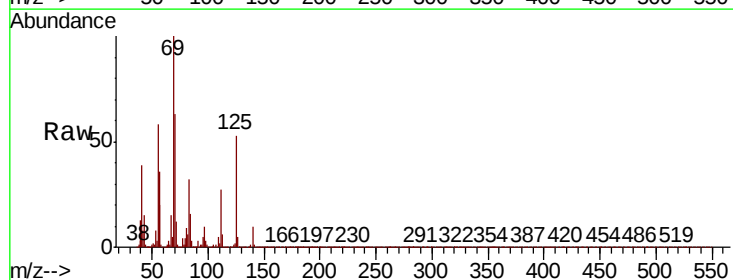
Tgt Ion: 77 Resp: 4915

Ion Ratio Lower Upper

77 100

105 32.3 89.6 129.6#

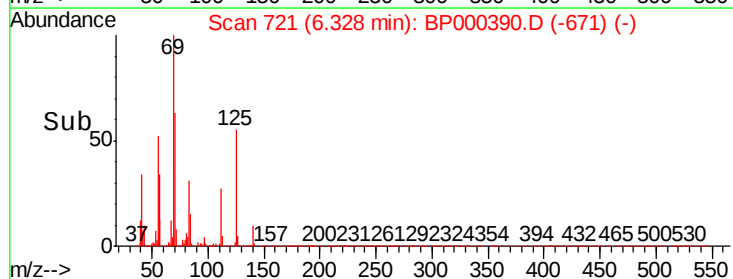
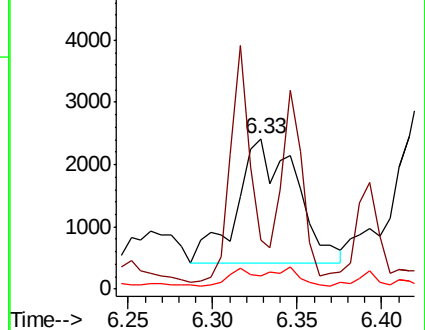
106 8.6 84.6 124.6#

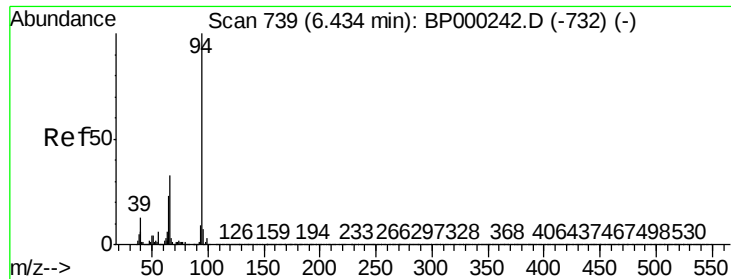


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.725 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

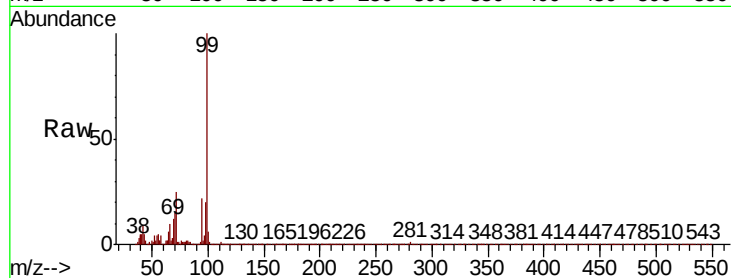
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 53166

Ion	Ratio	Lower	Upper
94	100		
65	27.6	3.3	43.3
66	46.6	12.7	52.7



Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

100000

80000

60000

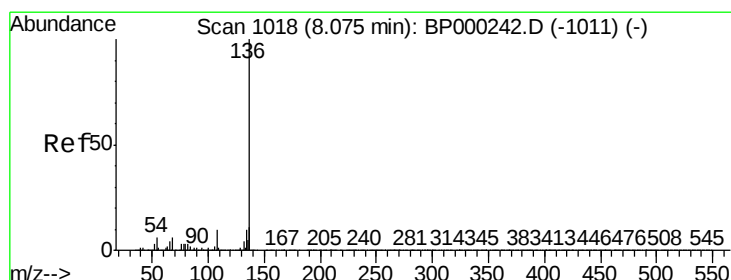
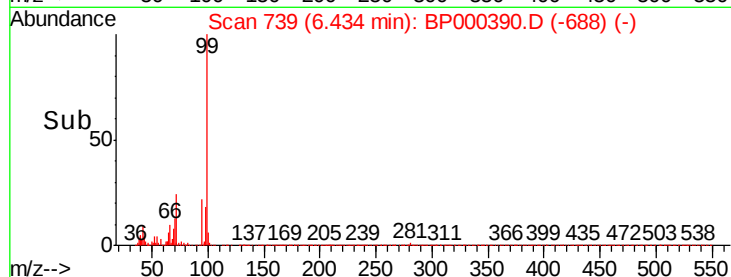
40000

20000

0

6.35 6.40 6.43 6.50

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

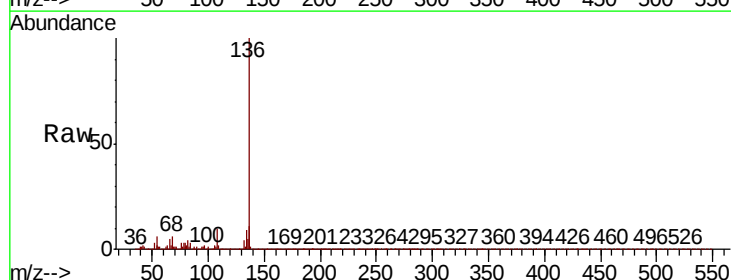
Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Tgt Ion: 136 Resp: 878761

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.7	4.5	6.7
68	5.8	4.5	6.7



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

1500000

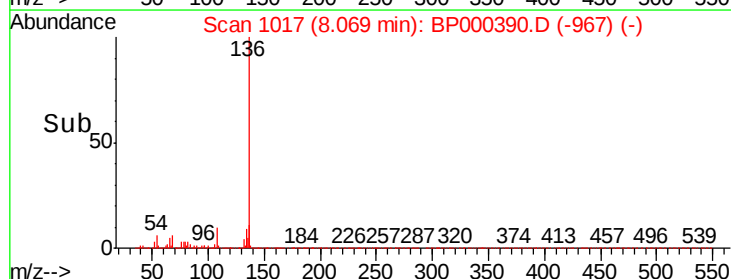
1000000

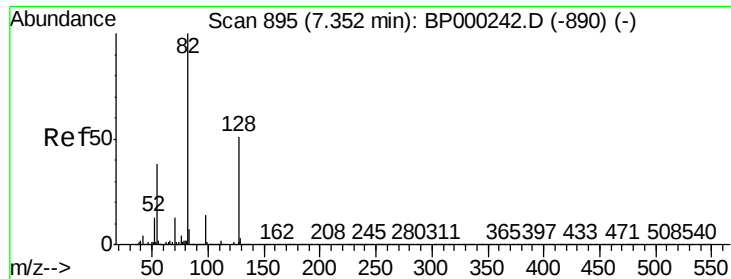
500000

0

8.00 8.10 8.20

Time-->

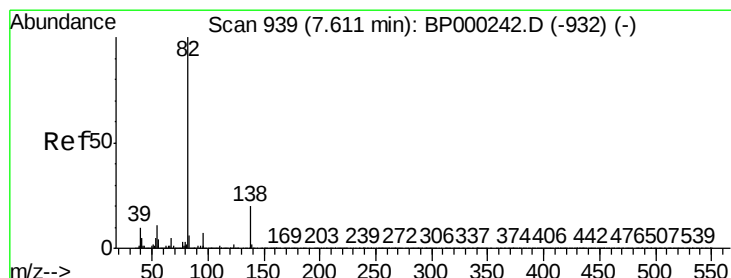
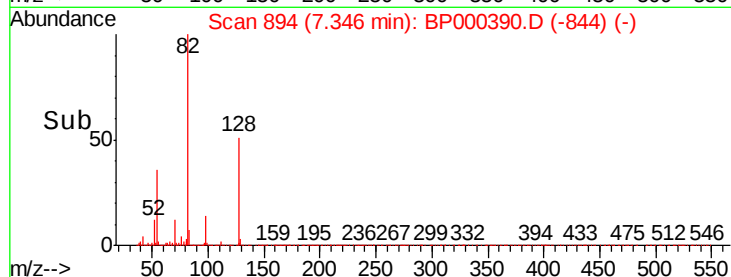
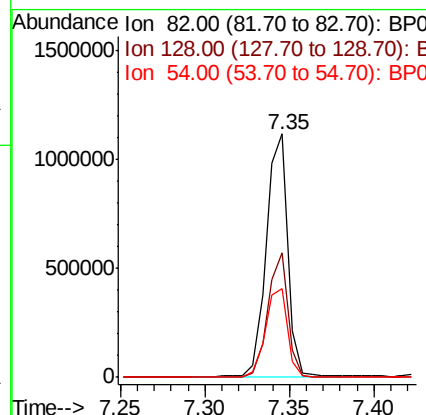
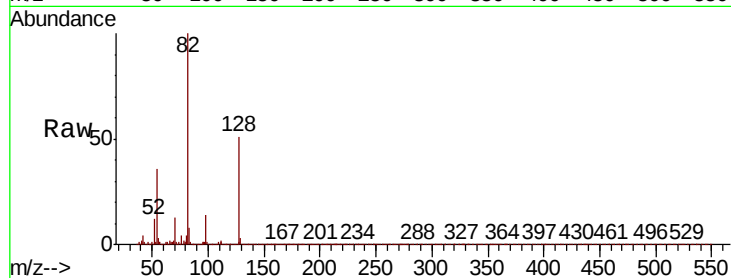




#23
Nitrobenzene-d5
Concen: 72.413 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

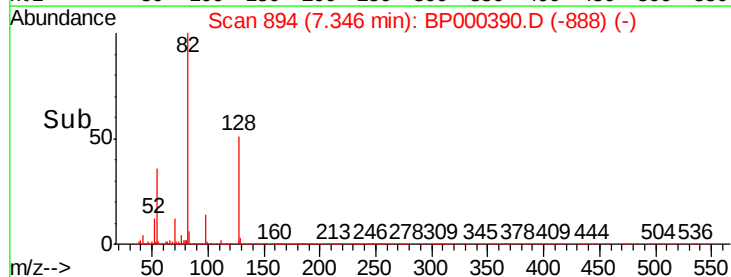
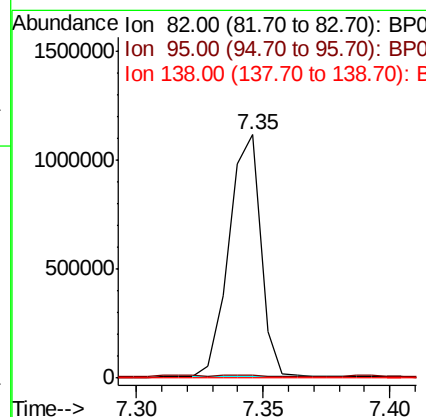
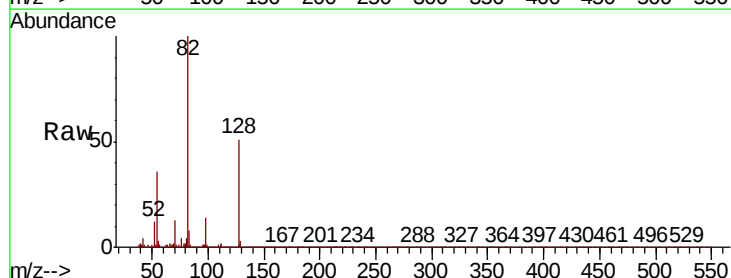
Instrument :
BNA_P
ClientSampled :

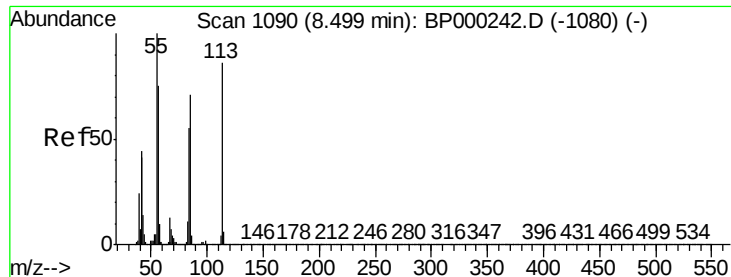
Tot Ion	82	Resp	986267
Ion Ratio	Lower	Upper	
82	100		
128	51.1	40.7	61.1
54	36.3	30.1	45.1



#25
Isophorone
Concen: 35.999 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Tgt Ion	82	Resp	970882
Ion Ratio	Lower	Upper	
82	100		
95	1.0	5.9	8.9#
138	0.1	15.9	23.9#

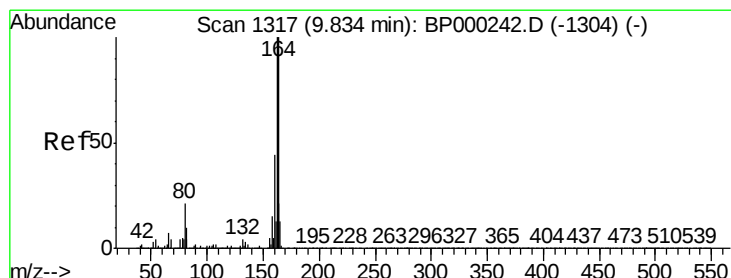
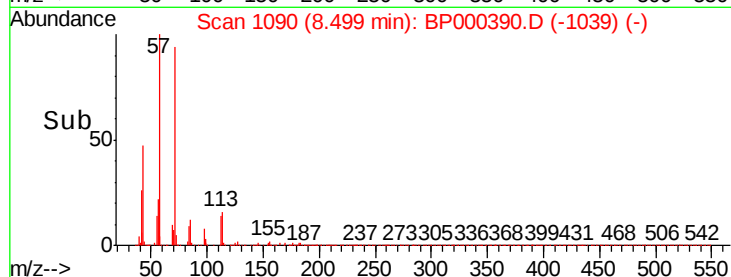
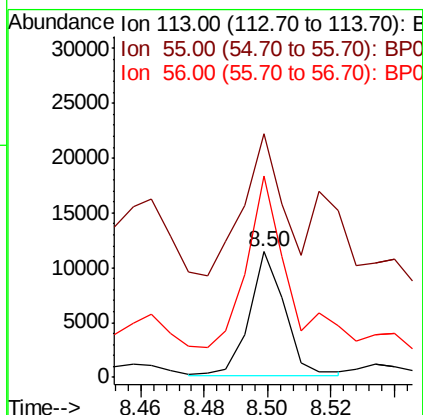
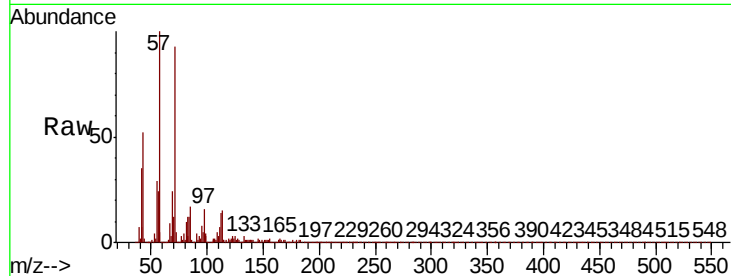




#35
 Caprolactam
 Concen: 2.003 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BP000390.D
 Acq: 24 Sep 2019 17:48

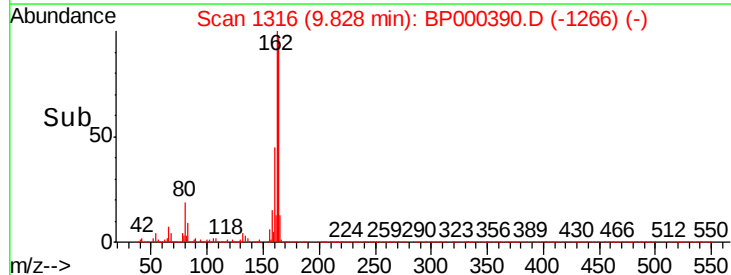
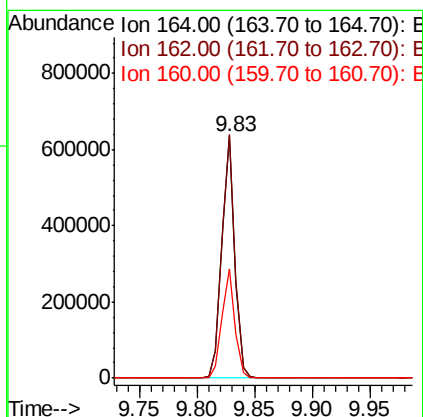
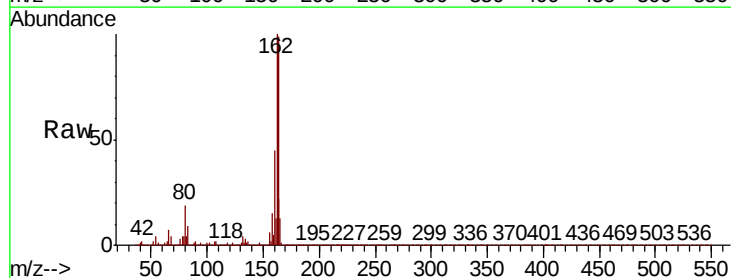
Instrument :
 BNA_P
 ClientSampleId :

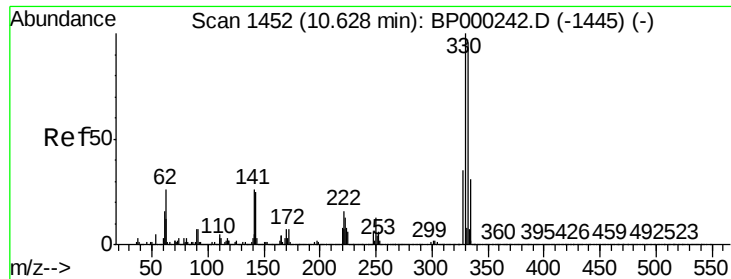
Tot Ion:113 Resp: 8726
 Ion Ratio Lower Upper
 113 100
 55 194.4 96.8 136.8#
 56 160.9 67.5 107.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BP000390.D
 Acq: 24 Sep 2019 17:48

Tgt Ion:164 Resp: 493497
 Ion Ratio Lower Upper
 164 100
 162 100.6 79.9 119.9
 160 45.2 35.6 53.4

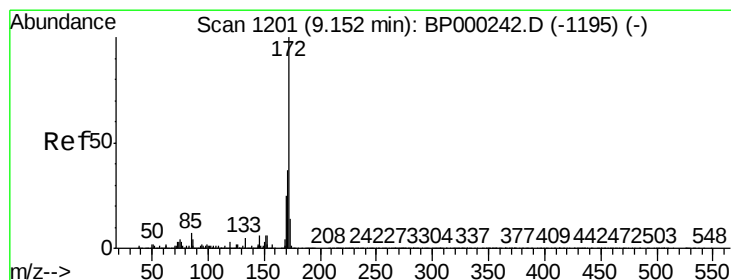
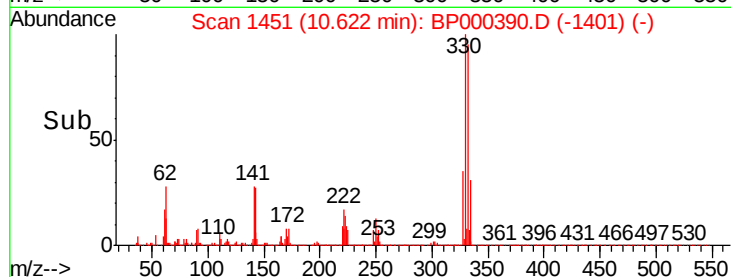
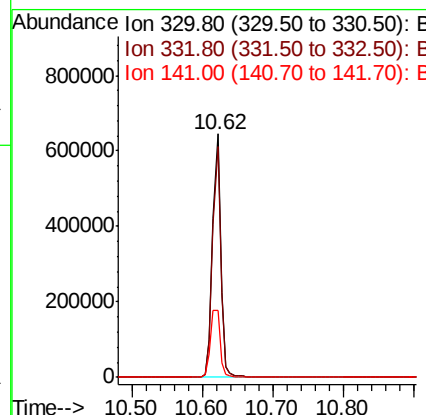
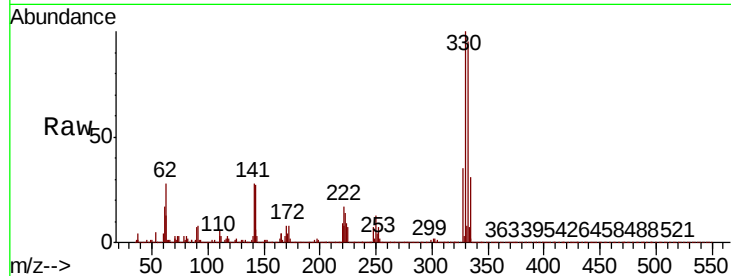




#42
2,4,6-Tribromophenol
Concen: 106.243 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

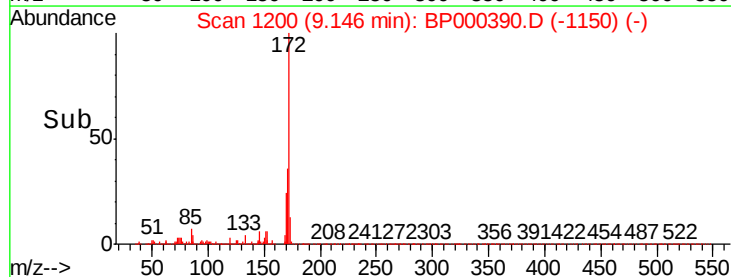
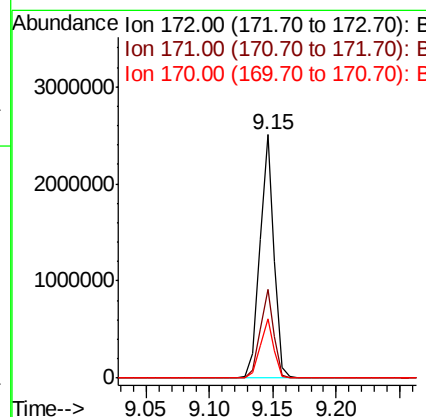
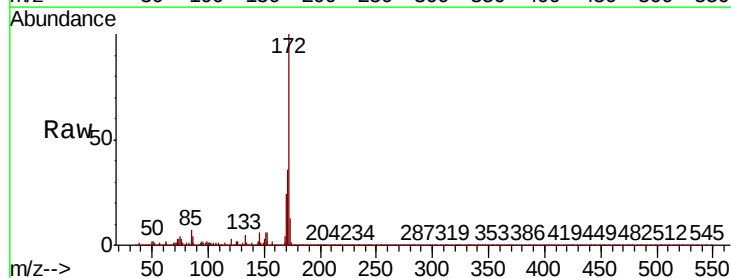
Instrument :
BNA_P
ClientSampleId :

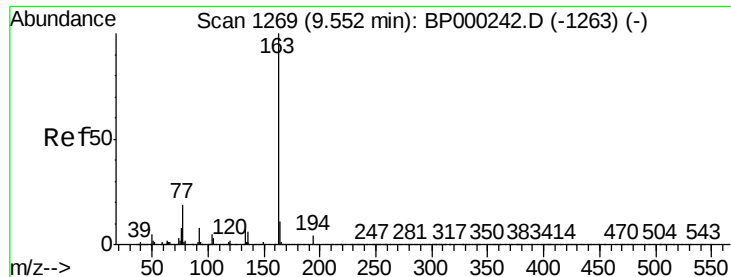
Tot Ion:330 Resp: 520043
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 33.0 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 71.572 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Tgt Ion:172 Resp: 1962453
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.2 19.8 29.6





#50

Dimethylphthalate

Concen: 8.624 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

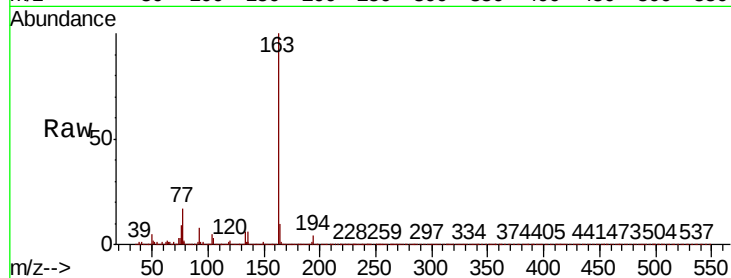
Tot Ion:163 Resp: 289963

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

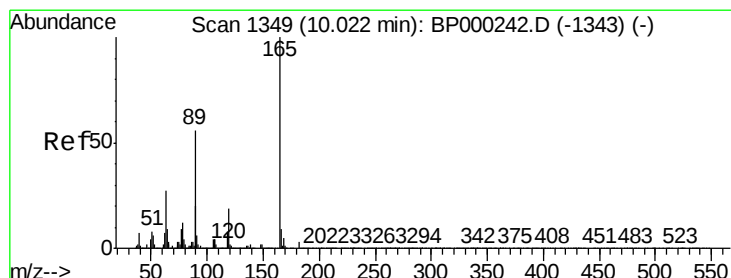
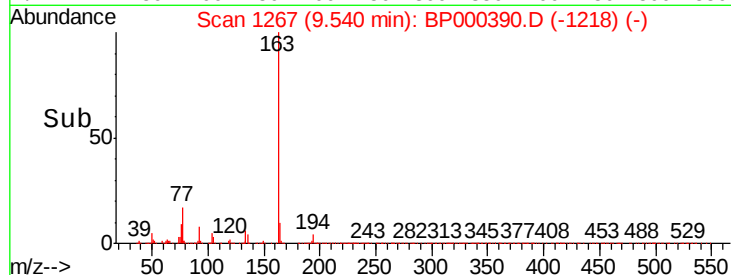
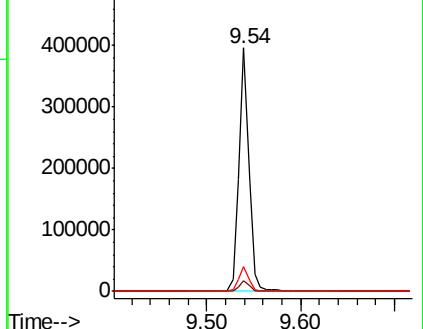
164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.683 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Tgt Ion:165 Resp: 64592

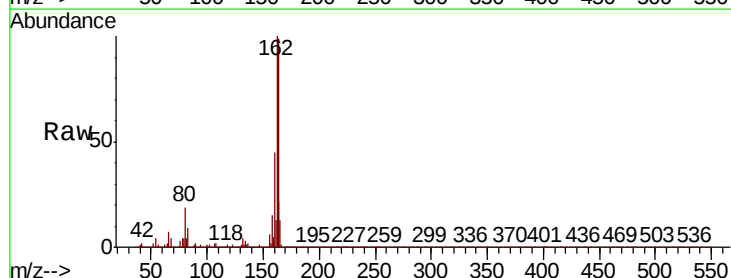
Ion Ratio Lower Upper

165 100

63 1.0 21.7 32.5#

89 1.4 45.0 67.6#

182 0.1 2.4 3.6#

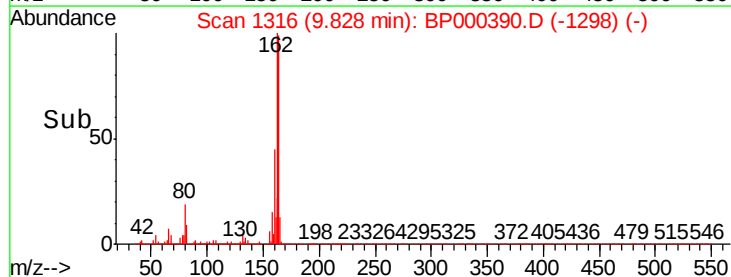
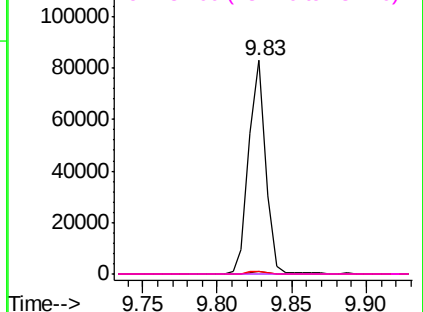


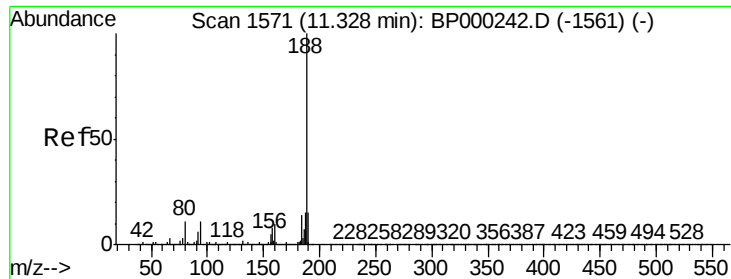
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000390.D

Acq: 24 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

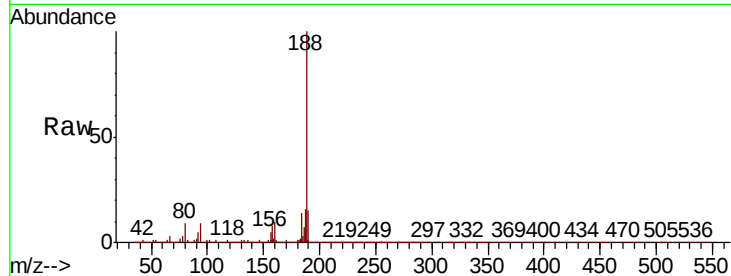
Tot Ion:188 Resp: 922887

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

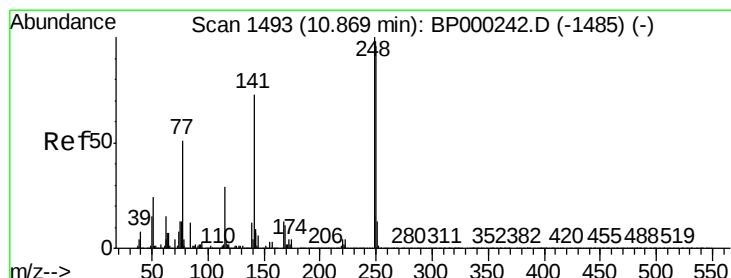
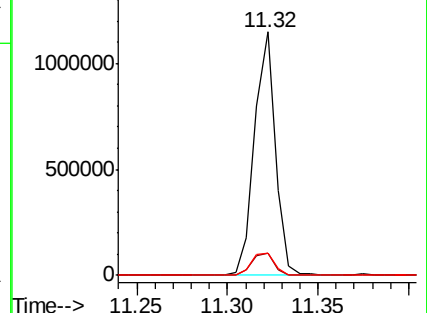
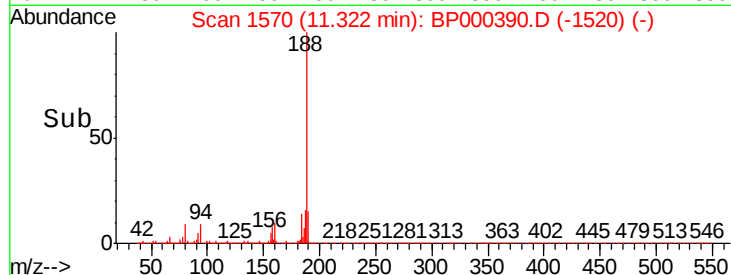
80 9.3 8.6 13.0



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: 3.465 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

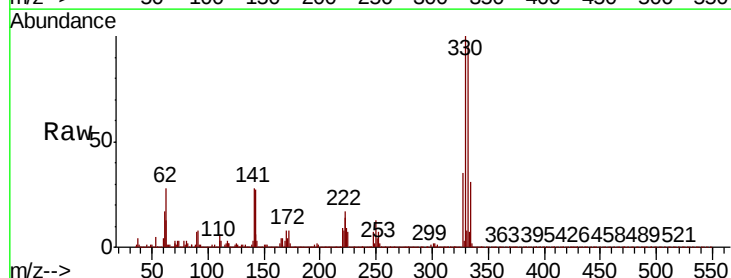
Tgt Ion:248 Resp: 36165

Ion Ratio Lower Upper

248 100

250 203.0 77.0 115.4#

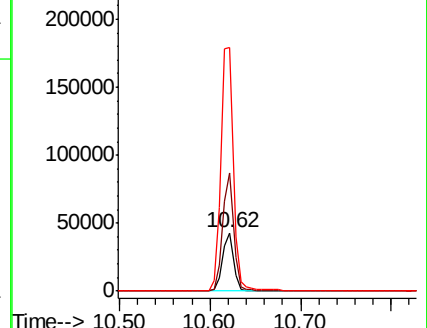
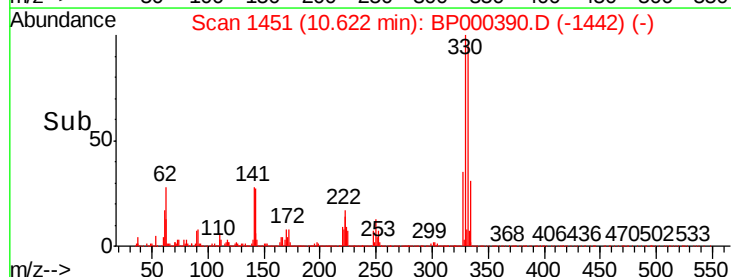
141 418.6 58.5 87.7#

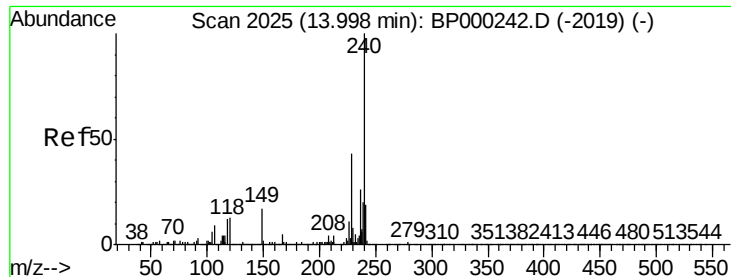


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

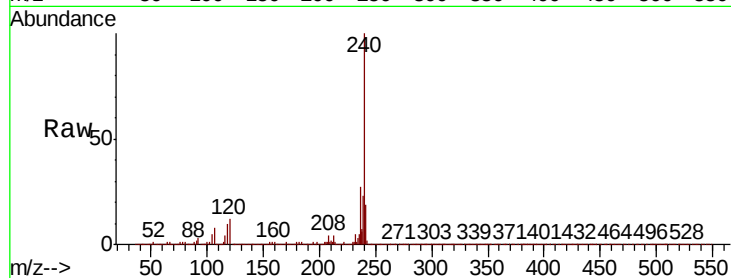




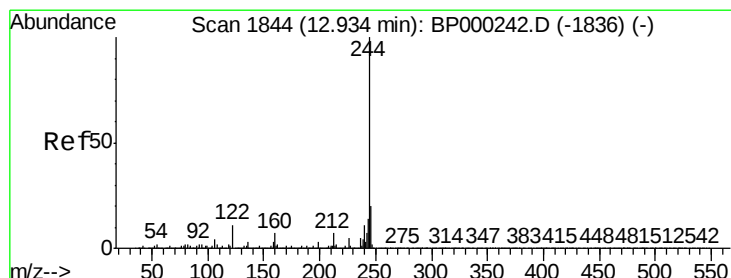
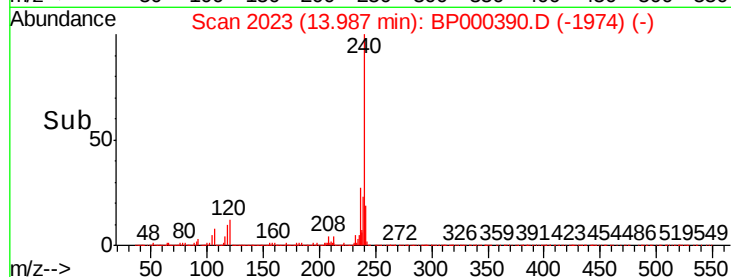
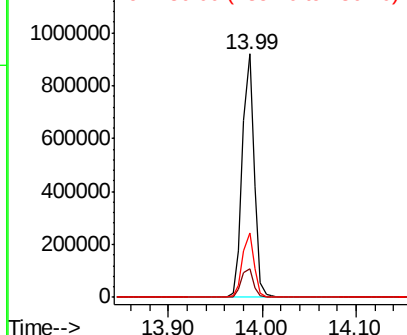
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BP000390.D
 Acq: 24 Sep 2019 17:48

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:240 Resp: 806282
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.4 15.6
 236 26.7 21.0 31.6

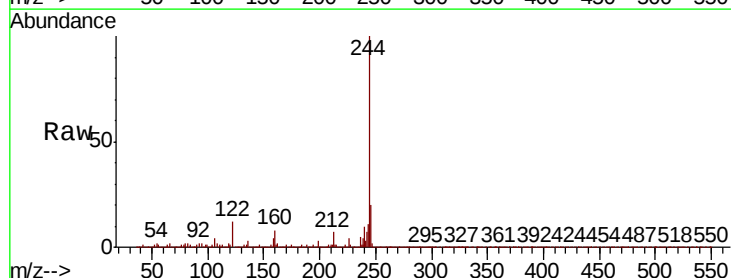


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

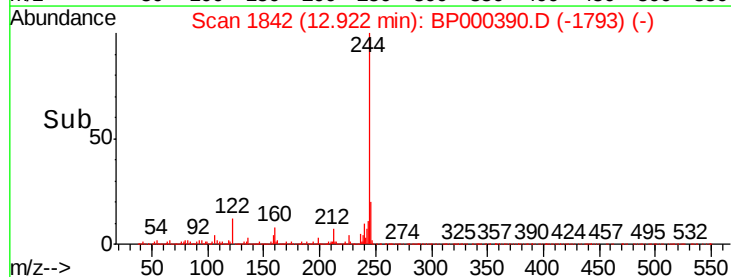
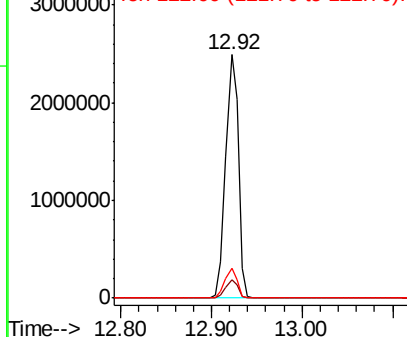


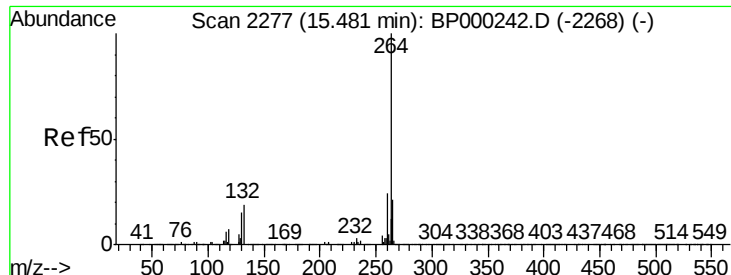
#79
 Terphenyl-d14
 Concen: 61.852 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BP000390.D
 Acq: 24 Sep 2019 17:48

Tgt Ion:244 Resp: 2377222
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.2 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

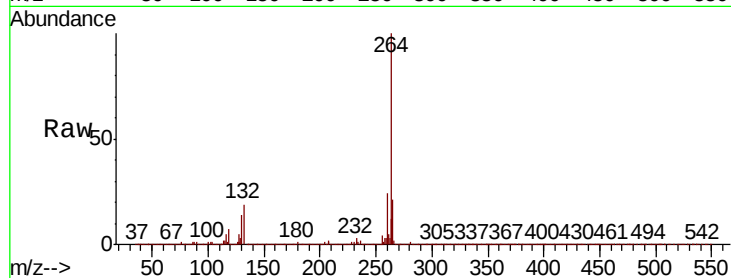




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.4	17.2	25.8



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

