

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001442.D
 Acq On : 27 Dec 2019 03:54
 Operator : JU
 Sample : K6413-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K005-AA-WC-1

Quant Time: Dec 27 11:38:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

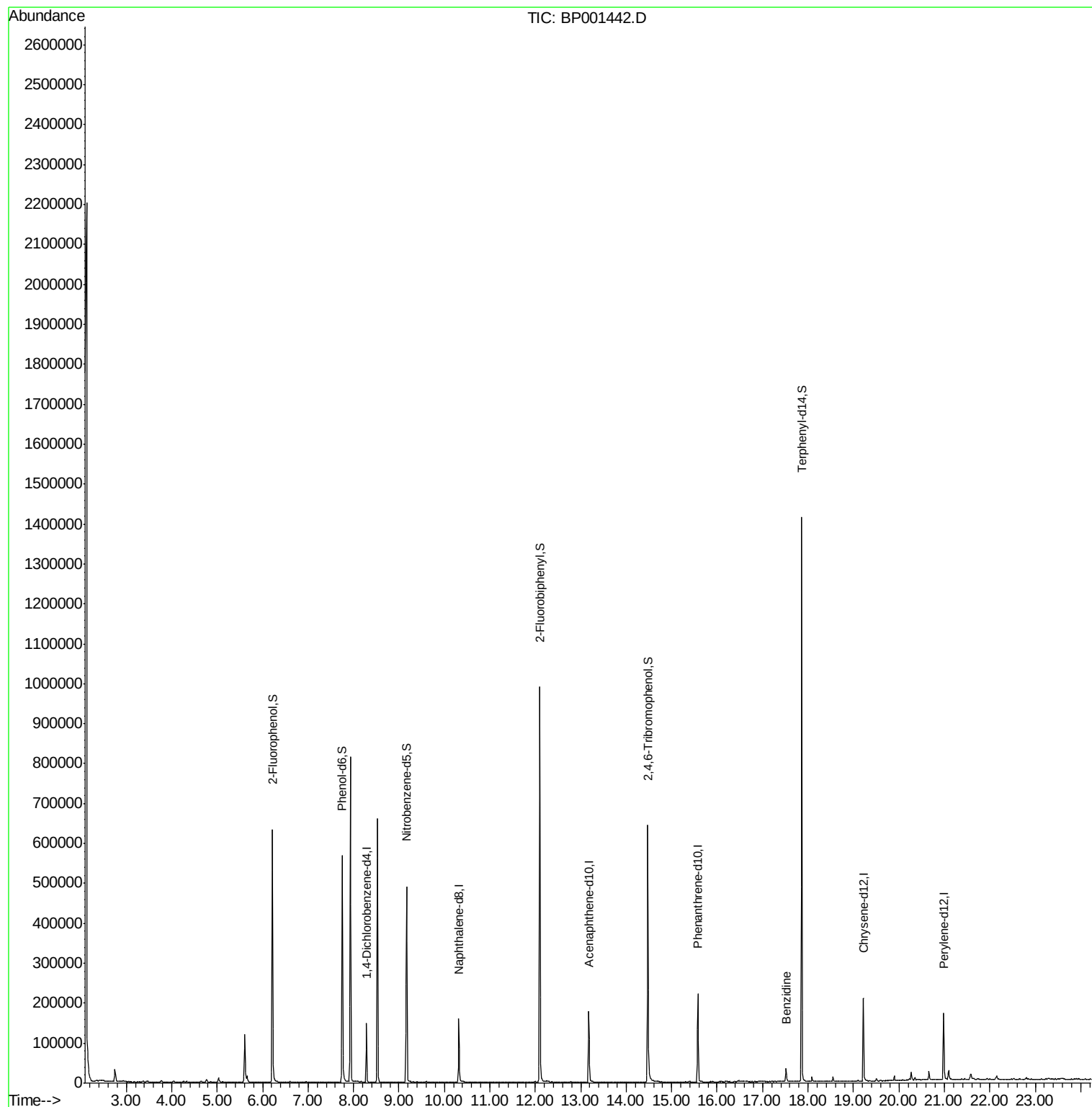
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25582	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	88980	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	52211	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	107683	20.00	ng	0.00
76) Chrysene-d12	19.22	240	88981	20.00	ng	-0.01
87) Perylene-d12	20.99	264	93010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	188721	119.23	ng	0.02
7) Phenol-d6	7.75	99	224543	108.72	ng	0.00
23) Nitrobenzene-d5	9.17	82	190714	82.31	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	93133	142.68	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	371106	89.88	ng	0.00
79) Terphenyl-d14	17.86	244	533750	102.74	ng	0.00
Target Compounds						
77) Benzidine	17.52	184	16463	6.355	ng	Qvalue 97

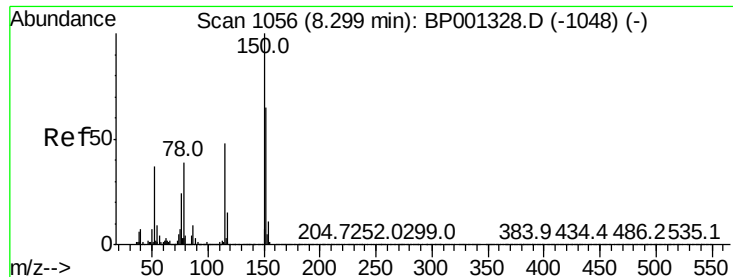
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 16:04:49 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

Instrument :

BNA_P

ClientSampleId :

K005-AA-WC-1

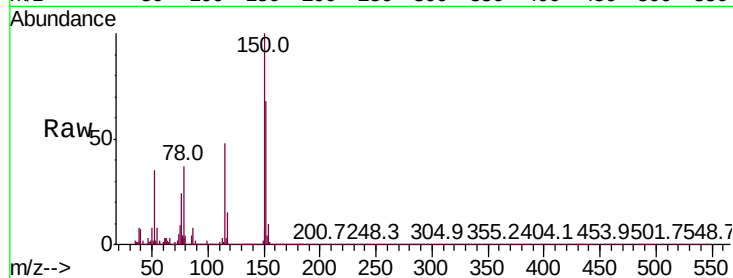
Tot Ion:152 Resp: 25582

Ion Ratio Lower Upper

152 100

150 148.0 127.0 190.6

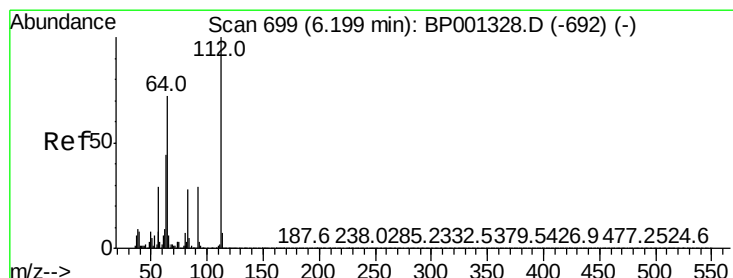
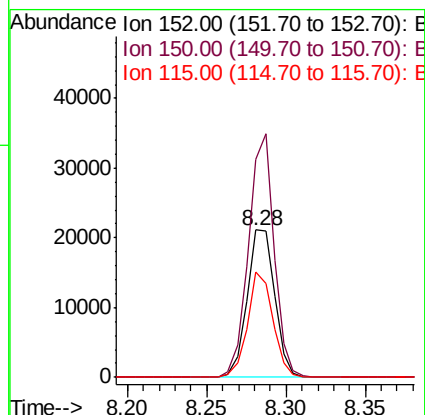
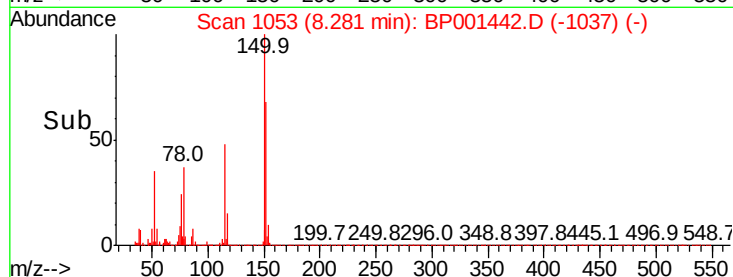
115 71.1 56.1 84.1



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: 119.228 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

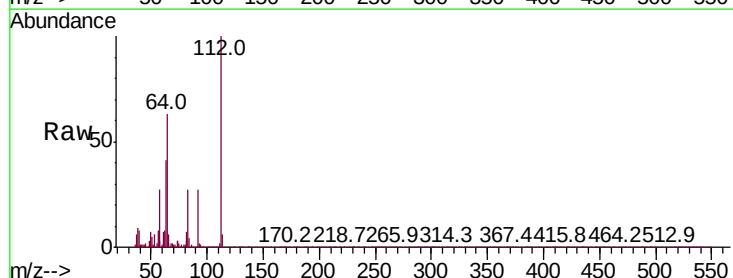
Tgt Ion:112 Resp: 188721

Ion Ratio Lower Upper

112 100

64 62.5 53.9 80.9

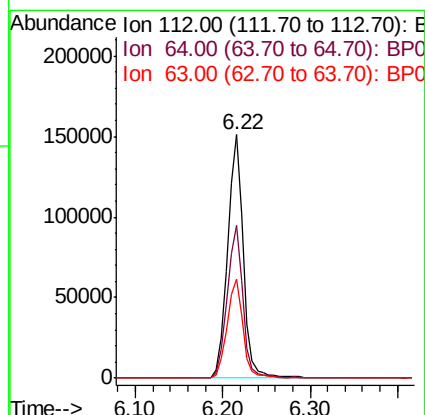
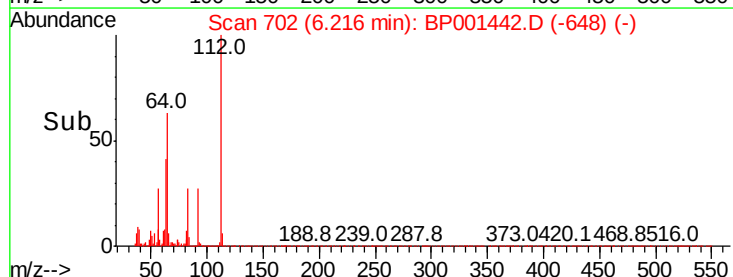
63 40.9 33.4 50.0

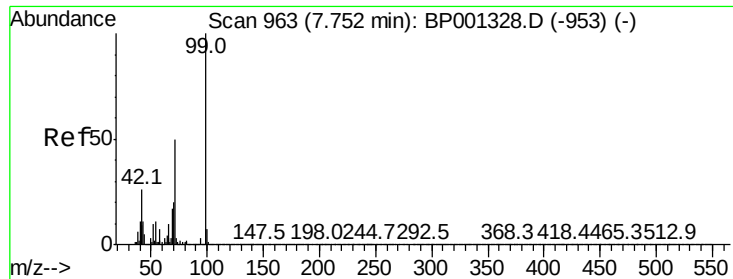


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 108.715 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

Instrument :

BNA_P

ClientSampleId :

K005-AA-WC-1

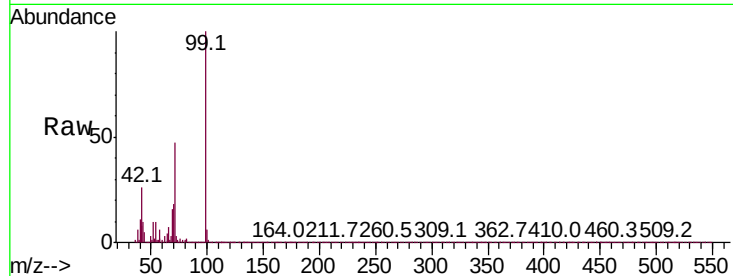
Tot Ion: 99 Resp: 224543

Ion Ratio Lower Upper

99 100

42 26.5 20.8 31.2

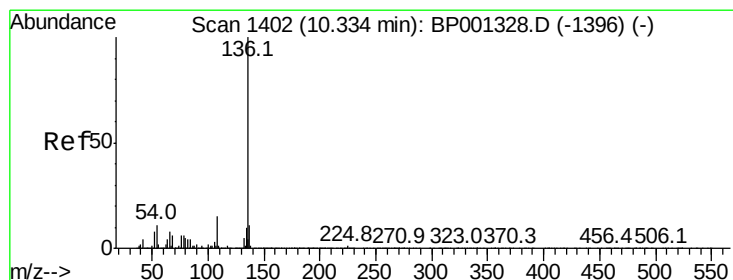
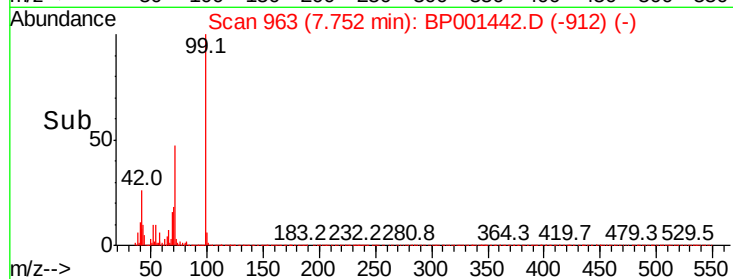
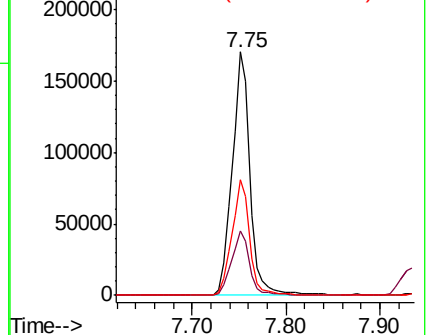
71 47.4 38.2 57.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

Tgt Ion: 136 Resp: 88980

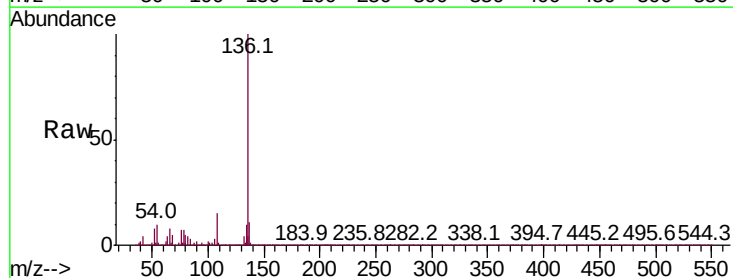
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 10.1 7.3 10.9

68 4.9 3.8 5.6

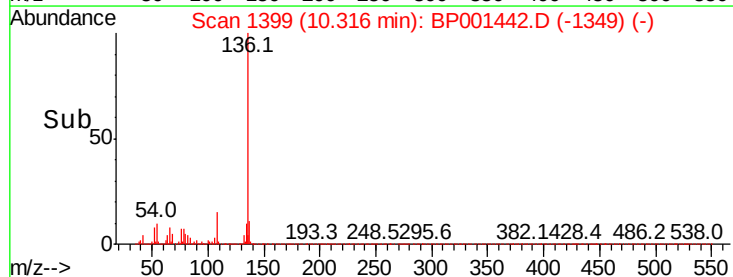
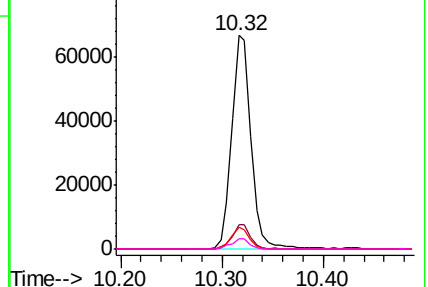


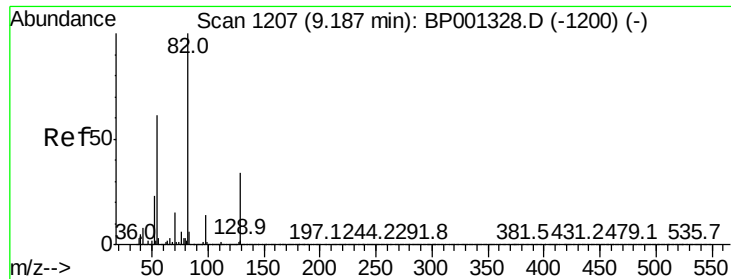
Abundance Ion 136.00 (135.70 to 136.70): E

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

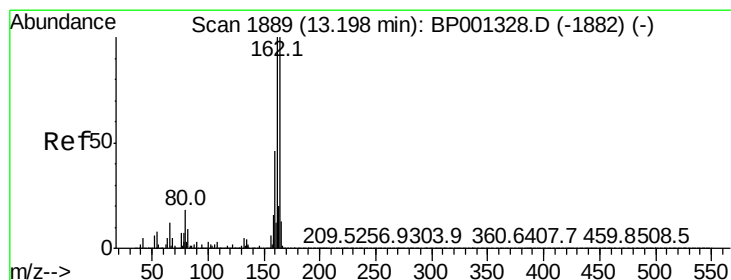
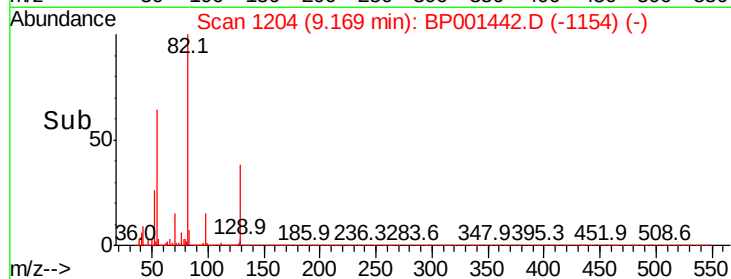
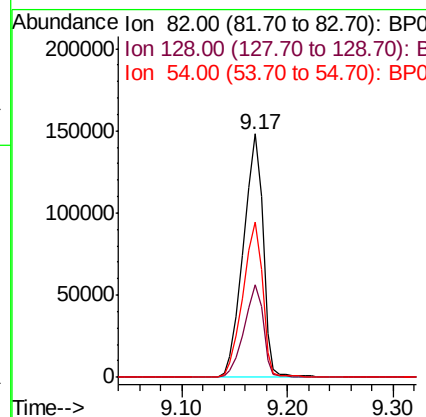
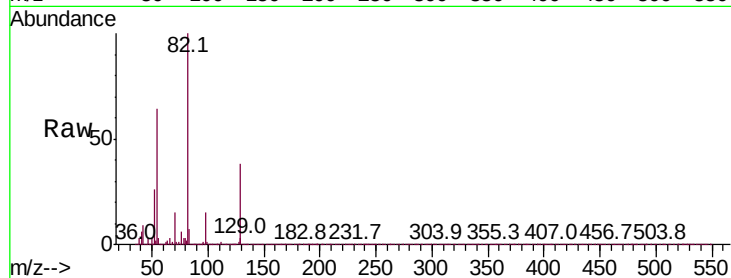




#23
 Nitrobenzene-d5
 Concen: 82.307 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001442.D
 Acq: 27 Dec 2019 03:54

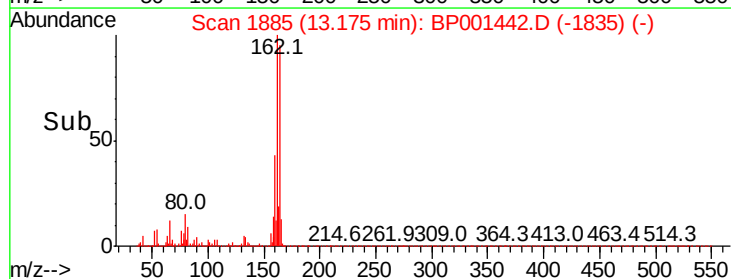
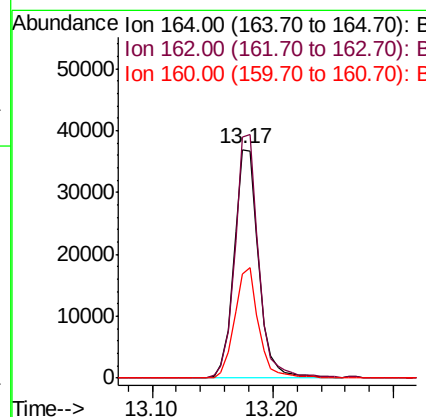
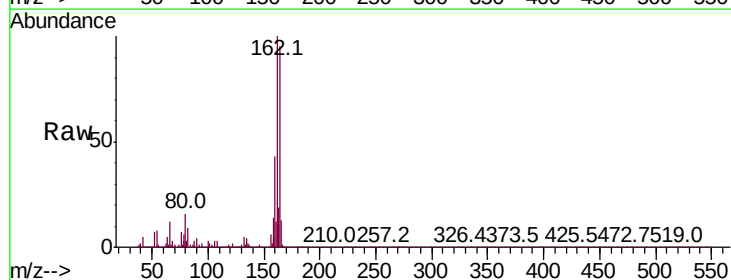
Instrument :
 BNA_P
 ClientSampleId :
 K005-AA-WC-1

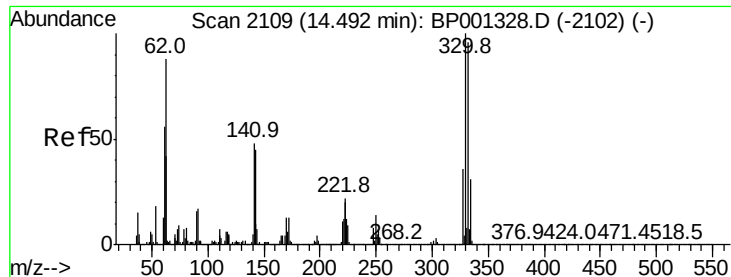
Tot Ion	82	Resp	190714
Ion Ratio	100	Lower	Upper
128	37.8	27.4	41.0
54	63.9	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BP001442.D
 Acq: 27 Dec 2019 03:54

Tgt Ion	164	Resp	52211
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.6	78.2	117.4
160	45.2	35.1	52.7

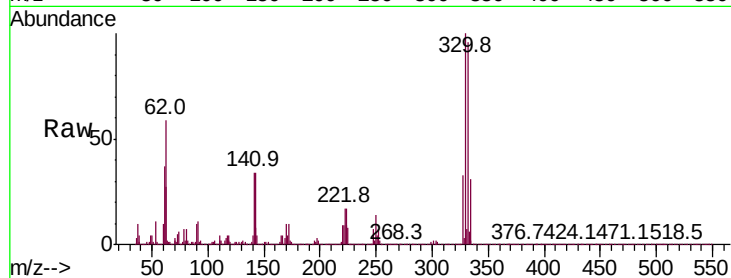




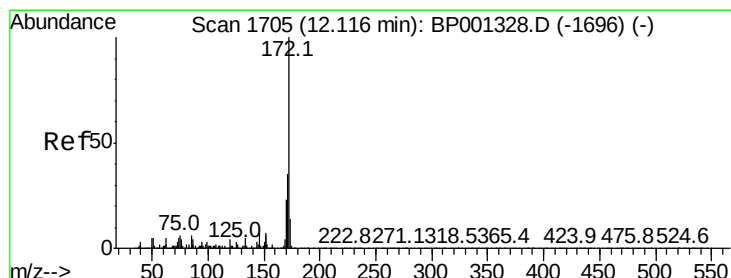
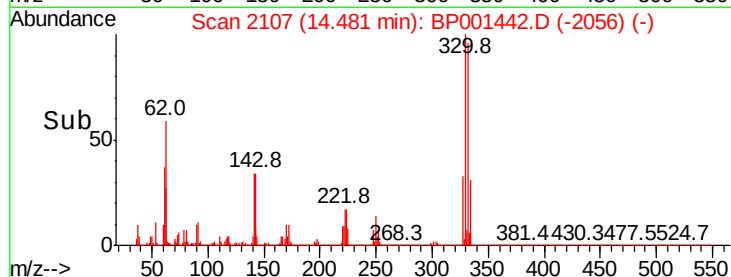
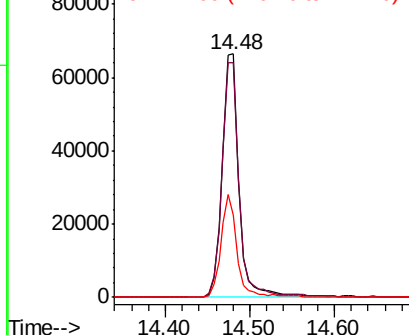
#42
2,4,6-Tribromophenol
Concen: 142.676 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-1

Tot Ion:330 Resp: 93133
Ion Ratio Lower Upper
330 100
332 96.1 78.3 117.5
141 40.4 26.8 40.2#

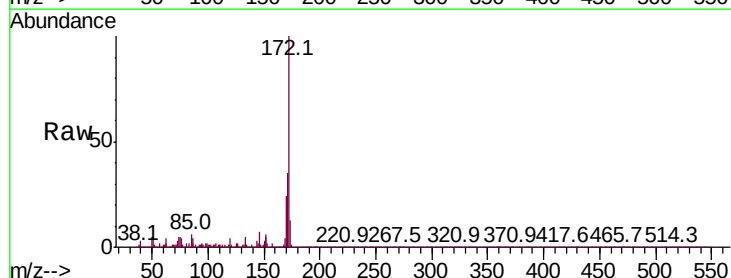


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

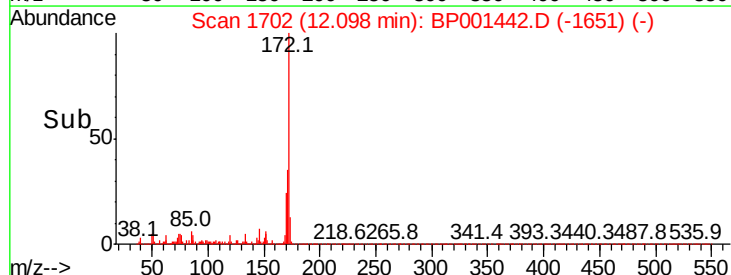
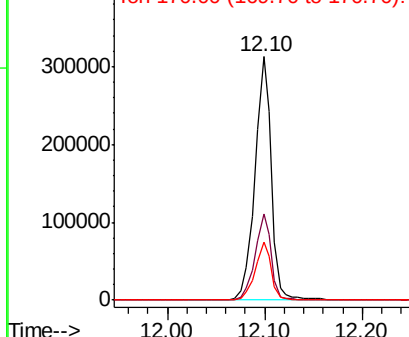


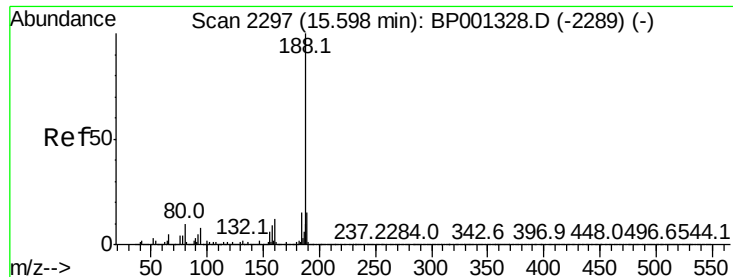
#45
2-Fluorobiphenyl
Concen: 89.877 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

Tgt Ion:172 Resp: 371106
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 23.6 18.2 27.4



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

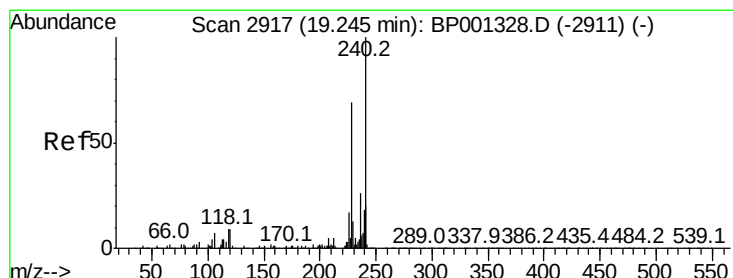
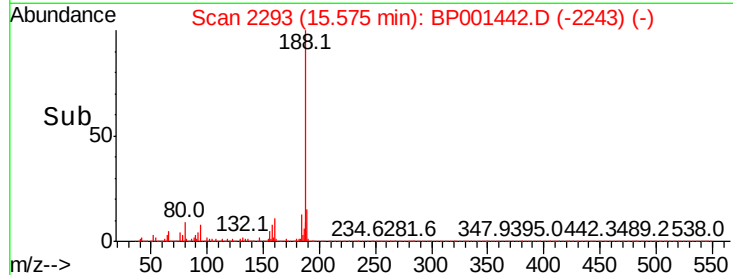
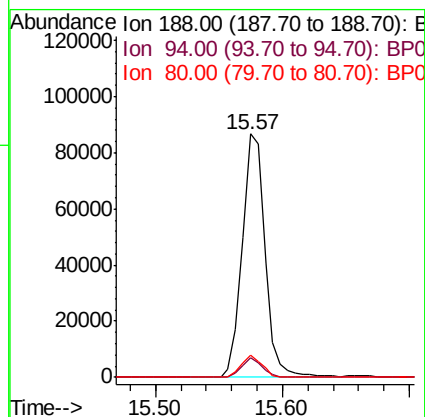
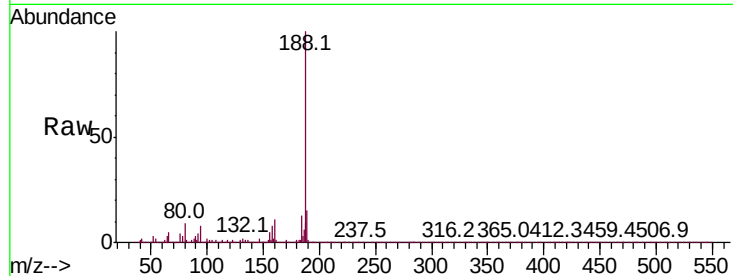




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

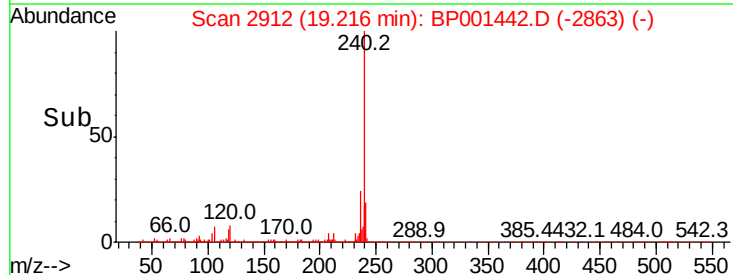
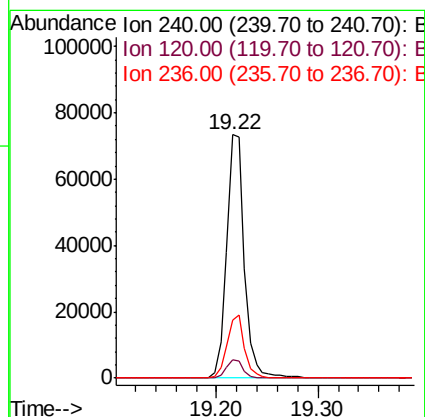
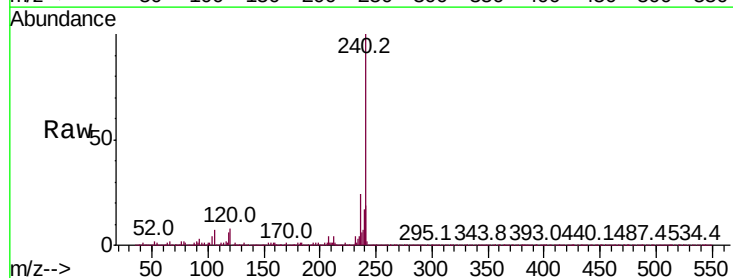
Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-1

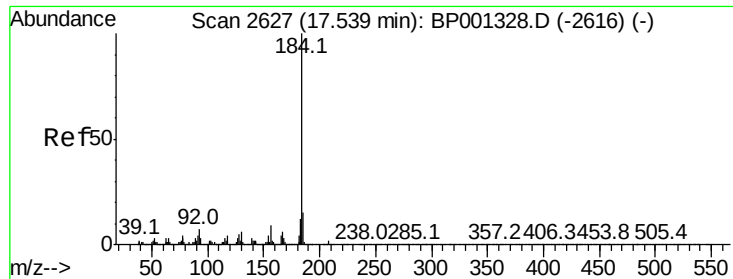
Tot Ion:188 Resp: 107683
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.8
80 8.9 5.7 8.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

Tgt Ion:240 Resp: 88981
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 24.1 20.2 30.2





#77

Benzidine

Concen: 6.355 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.00 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

Instrument :

BNA_P

ClientSampleId :

K005-AA-WC-1

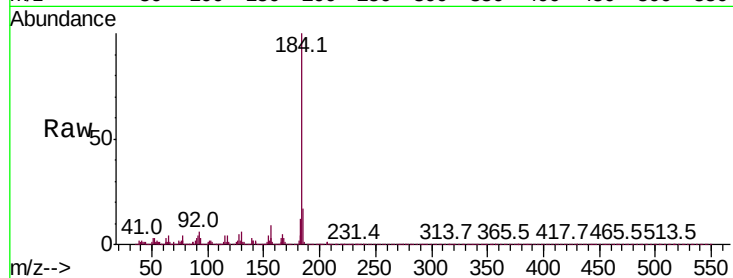
Tot Ion:184 Resp: 16463

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

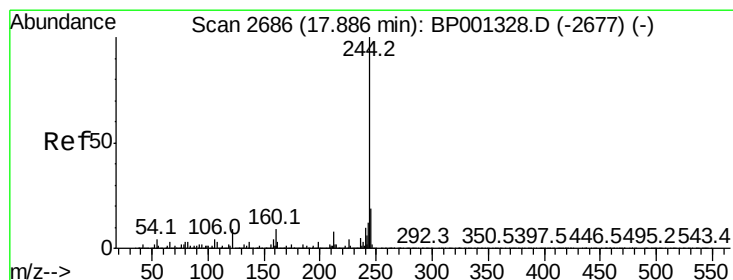
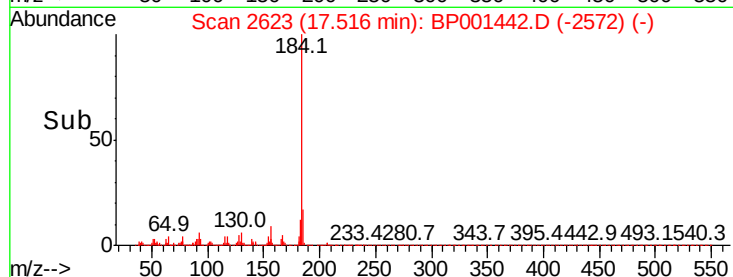
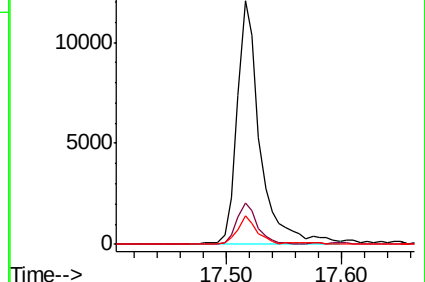
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 102.740 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

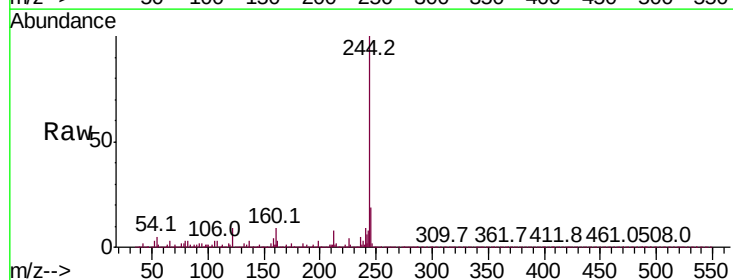
Tgt Ion:244 Resp: 533750

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

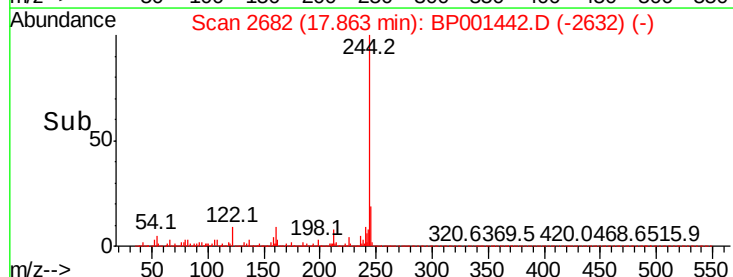
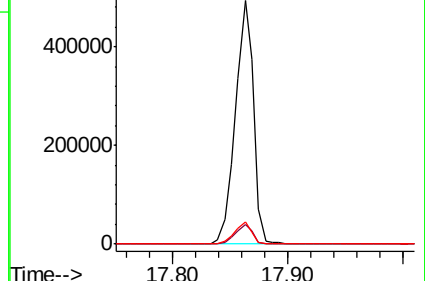
122 9.4 6.4 9.6

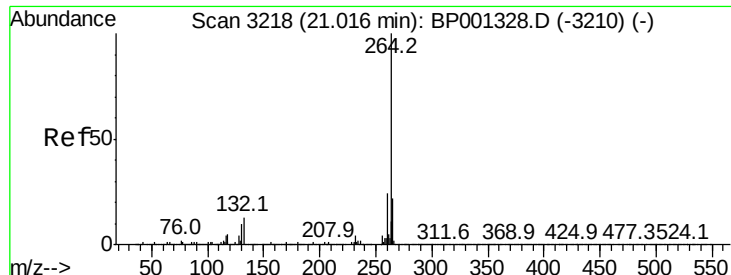


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.99 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

Instrument :
BNA_P
ClientSampleId :
K005-AA-WC-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.4
265	22.0	17.0	25.4

