

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000389.D
 Acq On : 24 Sep 2019 17:24
 Operator : JU
 Sample : K5008-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4

Quant Time: Sep 25 01:41:37 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

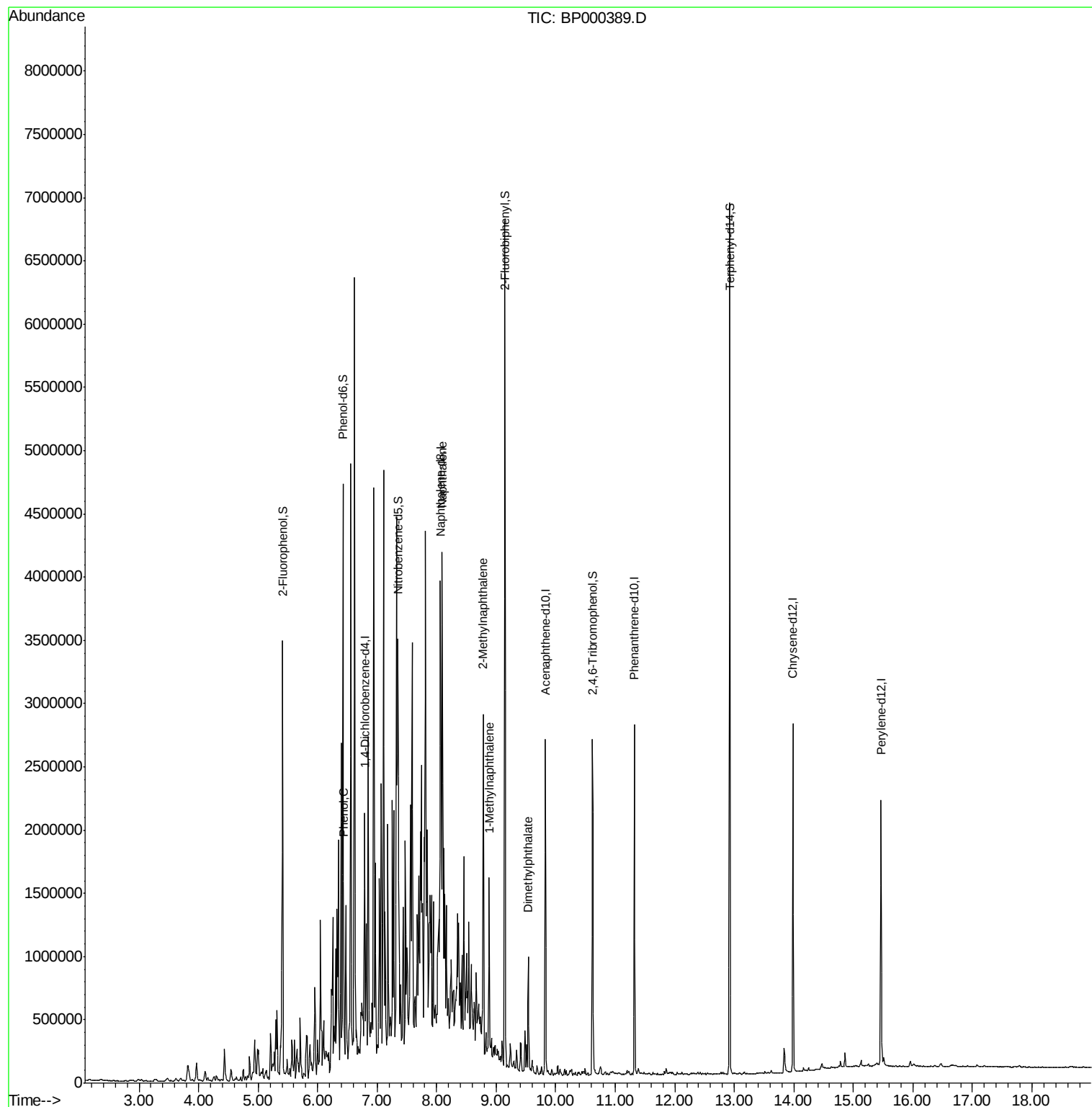
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	237622	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	835815	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	485234	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	924366	20.00	ng	0.00
76) Chrysene-d12	13.99	240	847589	20.00	ng	-0.01
87) Perylene-d12	15.46	264	939217	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1056248	76.74	ng	0.00
7) Phenol-d6	6.43	99	1641068	97.26	ng	0.00
23) Nitrobenzene-d5	7.35	82	912968	70.48	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	318811	66.24	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1799249	66.74	ng	0.00
79) Terphenyl-d14	12.92	244	2229458	55.18	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	57426	2.996	ng	97
31) Naphthalene	8.09	128	976987	25.239	ng	98
37) 2-Methylnaphthalene	8.78	142	700903	26.487	ng	99
38) 1-Methylnaphthalene	8.88	142	317091	12.792	ng	100
50) Dimethylphthalate	9.54	163	319388	9.661	ng	99

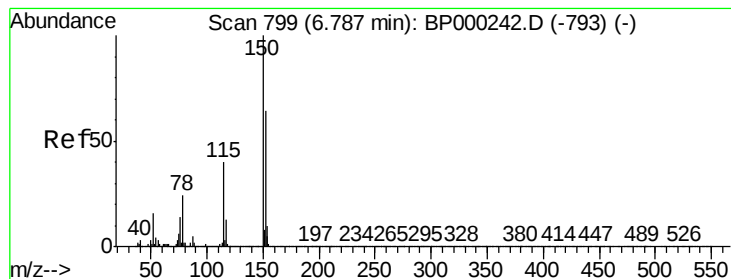
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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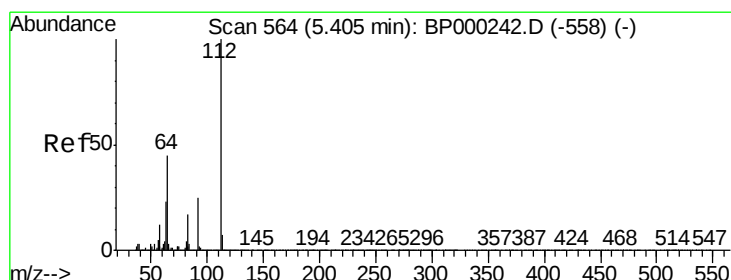
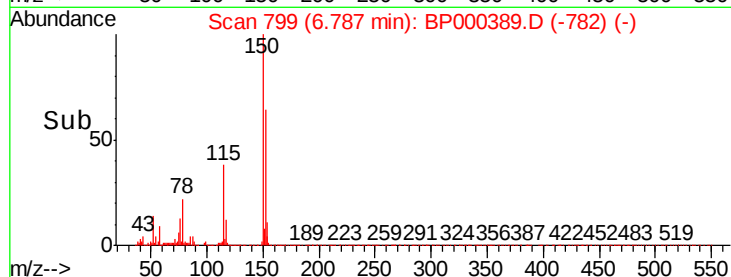
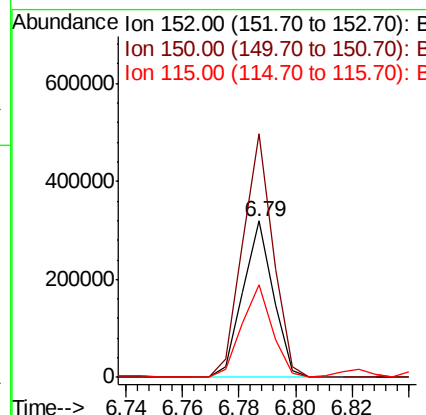
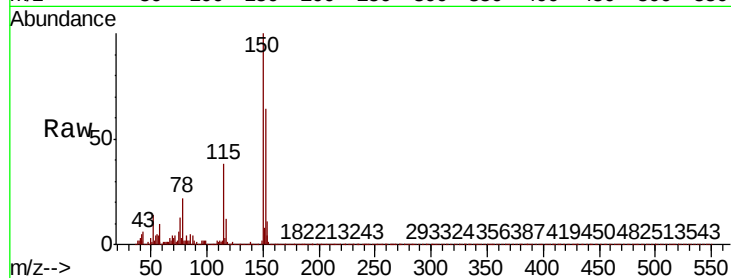


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :
SB-4

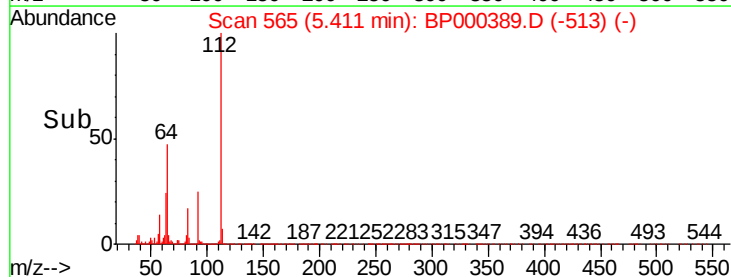
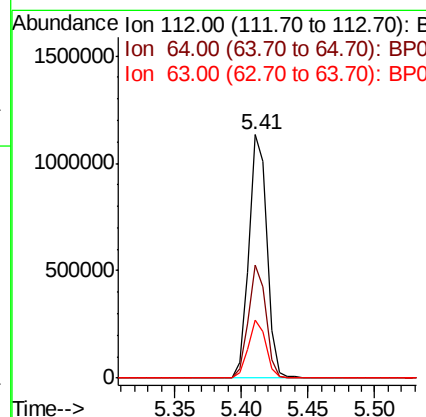
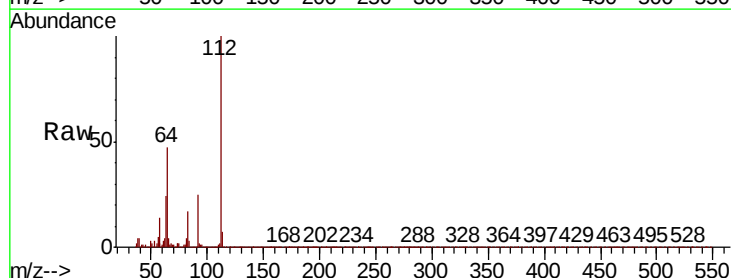
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	59.3	49.7	74.5

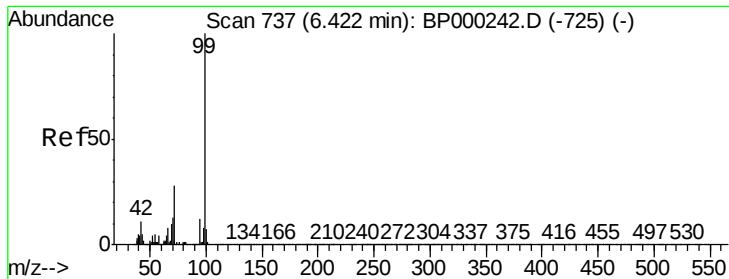


#5

2-Fluorophenol
Concen: 76.738 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.5	36.2	54.4
63	23.8	18.3	27.5





#7

Phenol-d6

Concen: 97.264 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000389.D

Acq: 24 Sep 2019 17:24

Instrument :

BNA_P

ClientSampleId :

SB-4

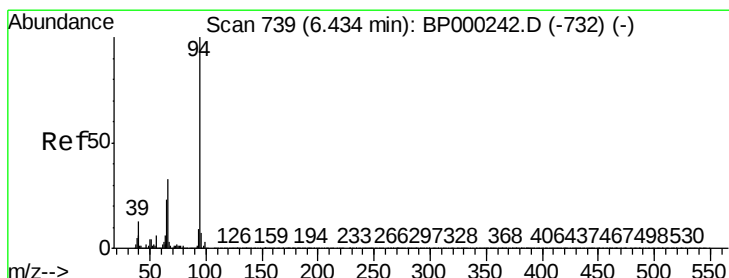
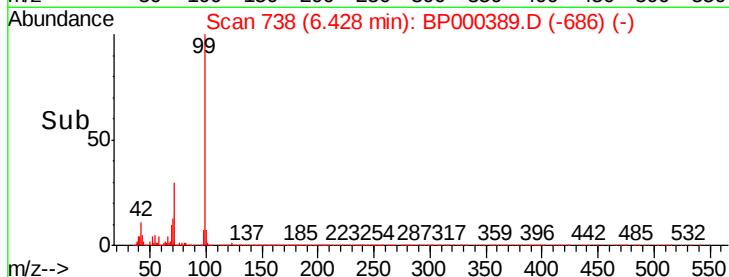
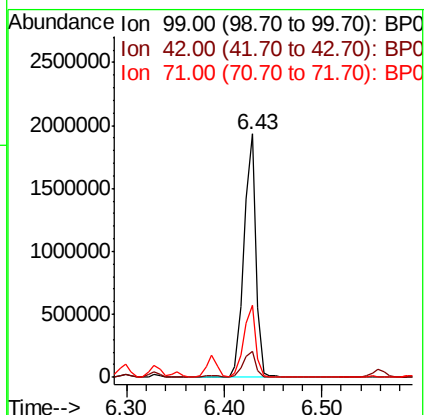
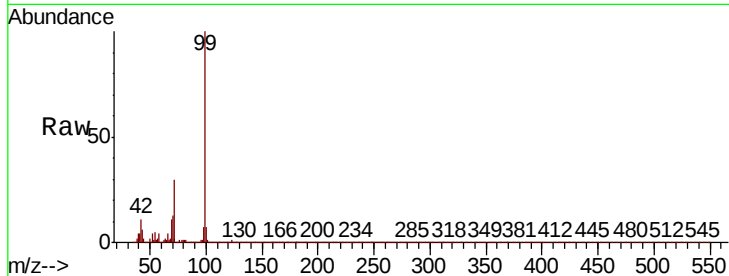
Tot Ion: 99 Resp: 1641068

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

71 29.7 22.6 34.0



#10

Phenol

Concen: 2.996 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000389.D

Acq: 24 Sep 2019 17:24

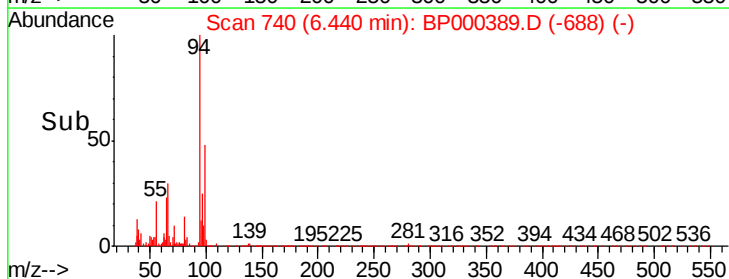
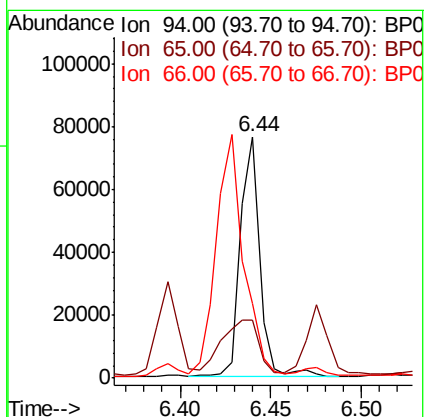
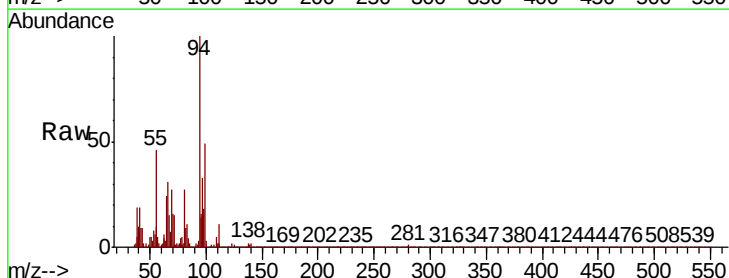
Tgt Ion: 94 Resp: 57426

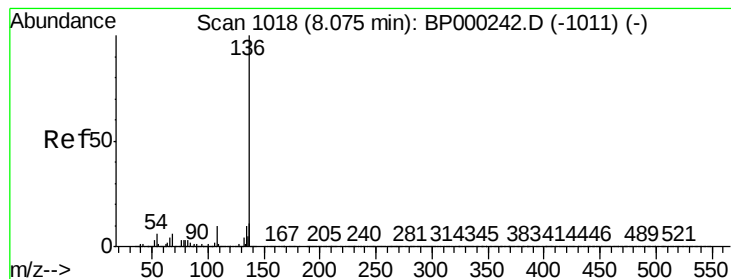
Ion Ratio Lower Upper

94 100

65 24.1 3.3 43.3

66 30.7 12.7 52.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000389.D

Acq: 24 Sep 2019 17:24

Instrument :

BNA_P

ClientSampleId :

SB-4

Tot Ion:136 Resp: 835815

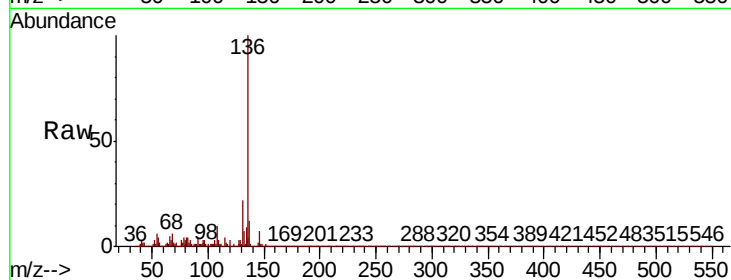
Ion Ratio Lower Upper

136 100

137 11.6 8.6 13.0

54 6.0 4.5 6.7

68 6.1 4.5 6.7

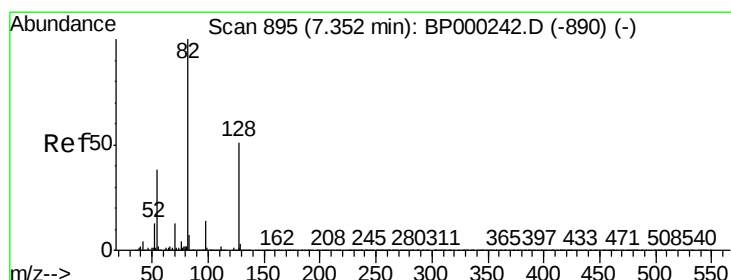
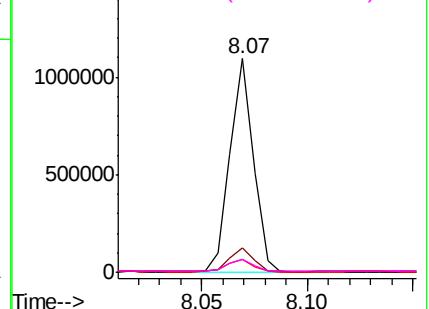
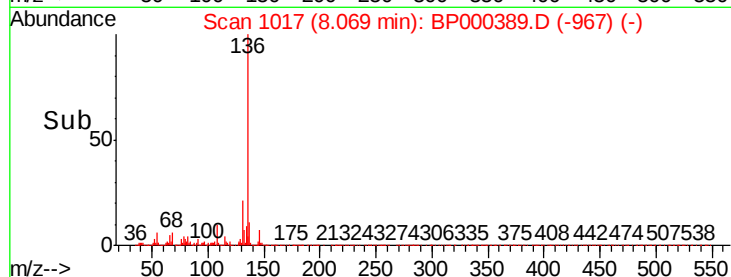


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 70.475 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000389.D

Acq: 24 Sep 2019 17:24

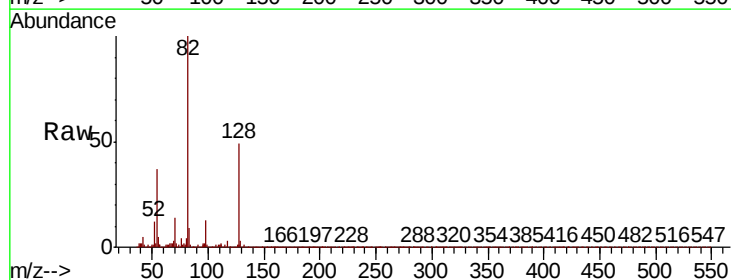
Tgt Ion: 82 Resp: 912968

Ion Ratio Lower Upper

82 100

128 48.9 40.7 61.1

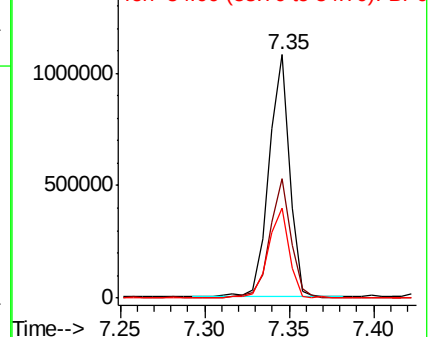
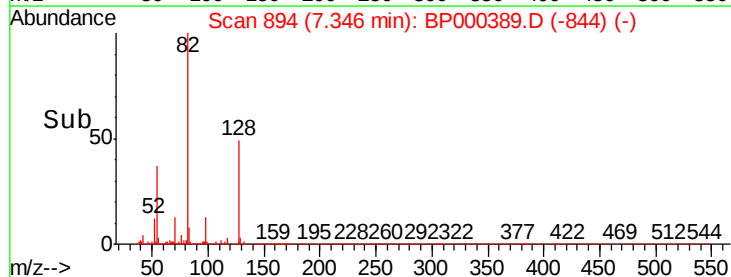
54 37.1 30.1 45.1

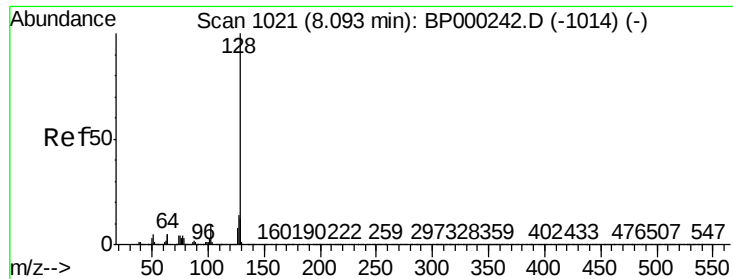


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

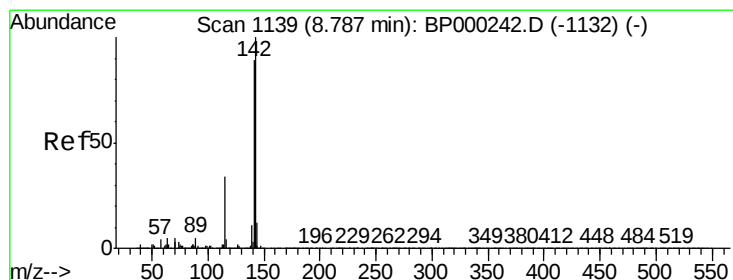
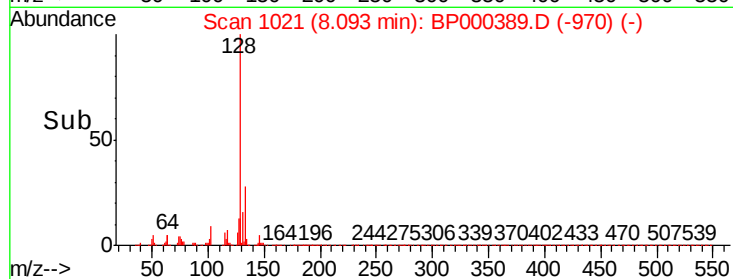
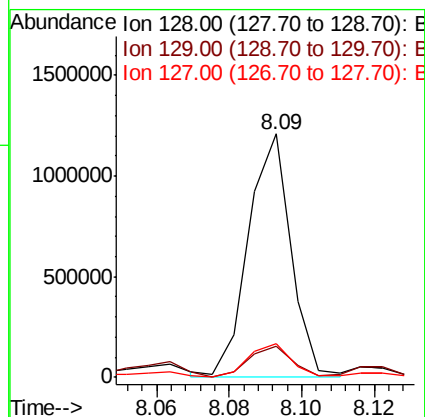
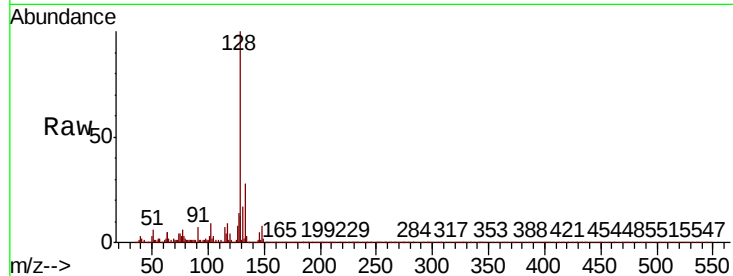




#31
Naphthalene
Concen: 25.239 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

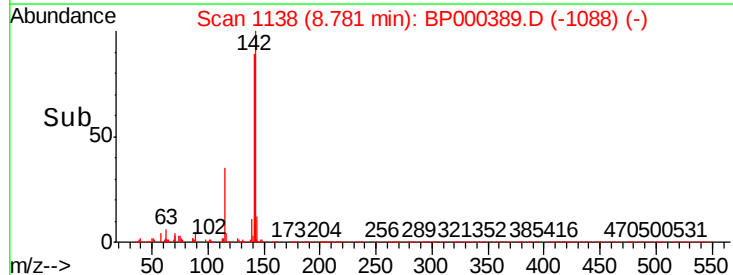
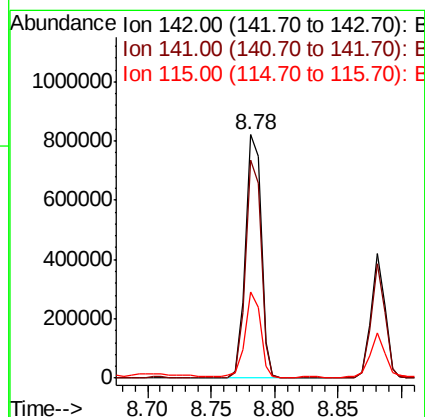
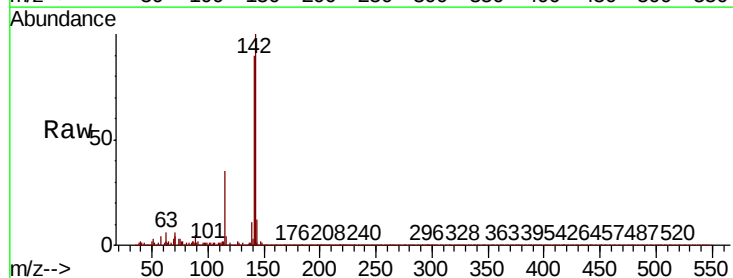
Instrument :
BNA_P
ClientSampleId :
SB-4

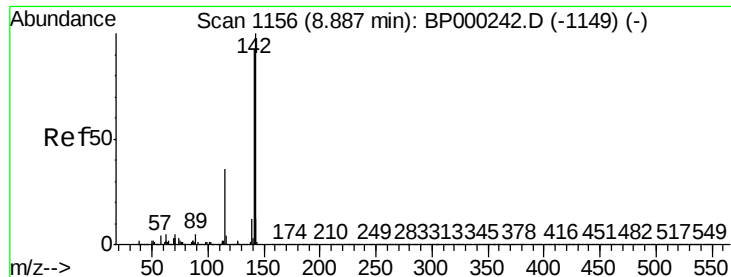
Tot Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.2	13.8
127	13.8	11.0	16.6



#37
2-Methylnaphthalene
Concen: 26.487 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	35.4	27.2	40.8

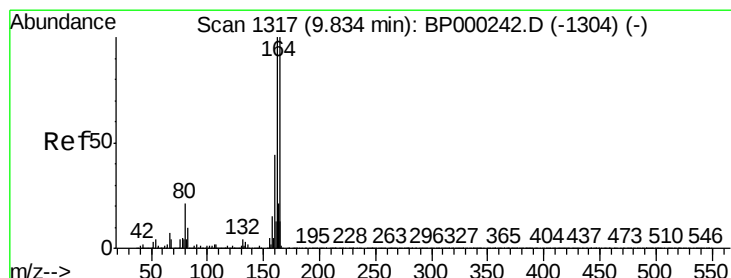
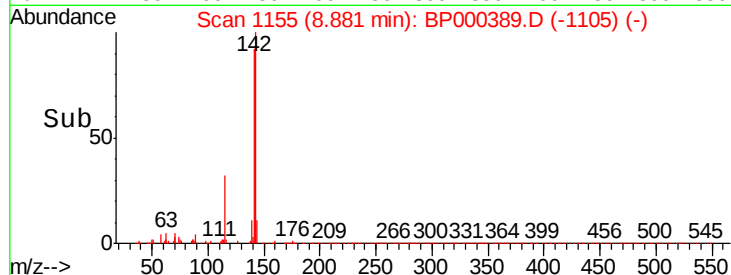
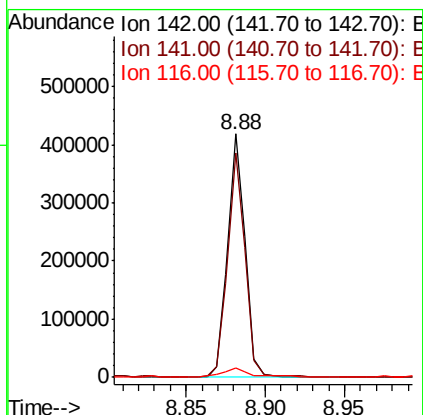
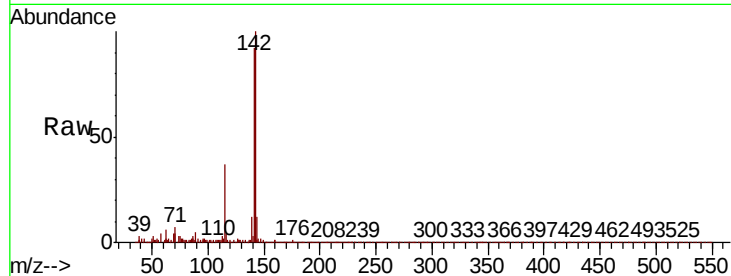




#38
1-Methylnaphthalene
Concen: 12.792 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

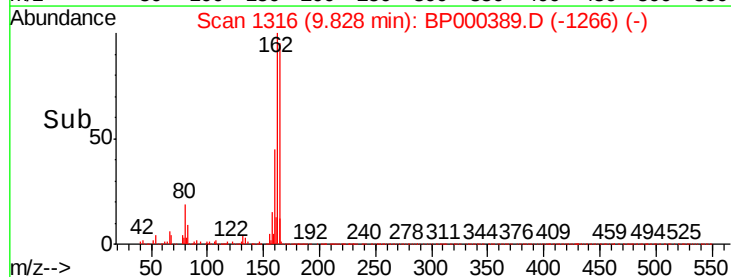
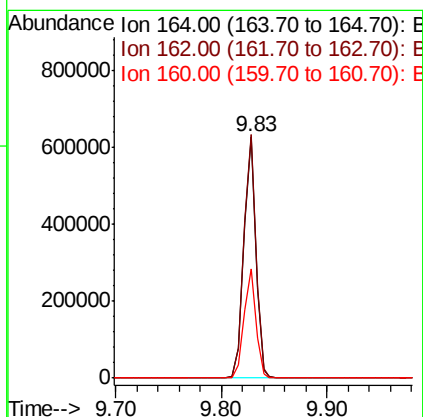
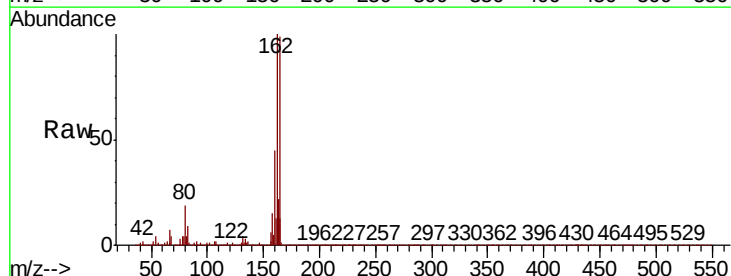
Instrument :
BNA_P
ClientSampled :
SB-4

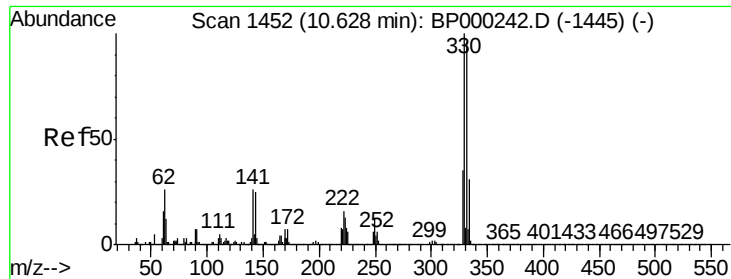
Tot Ion:142 Resp: 317091
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9
116 3.9 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:164 Resp: 485234
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 45.2 35.6 53.4

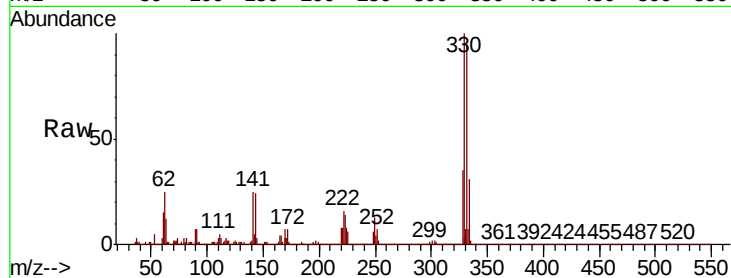




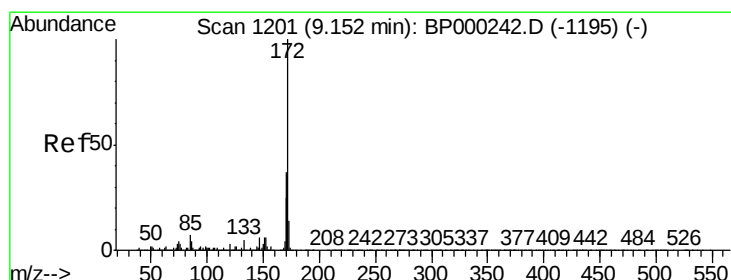
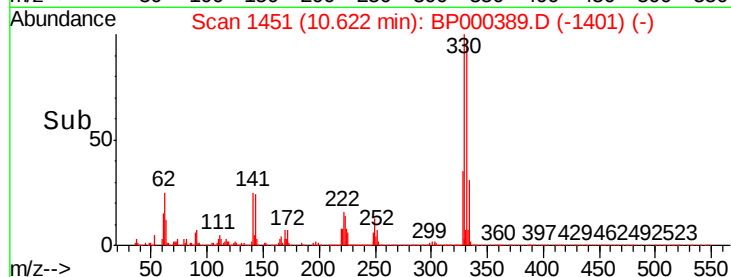
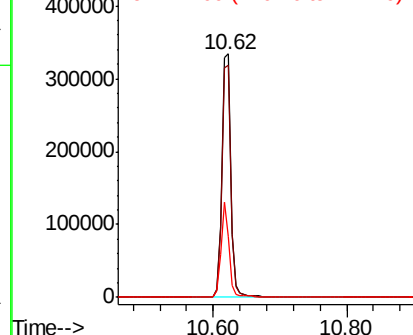
#42
2,4,6-Tribromophenol
Concen: 66.241 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :
SB-4

Tot Ion:330 Resp: 318811
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 34.6 26.5 39.7

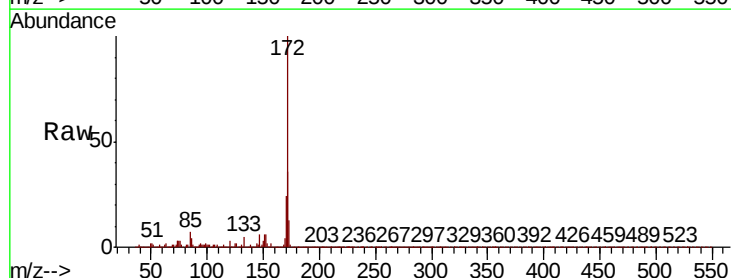


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

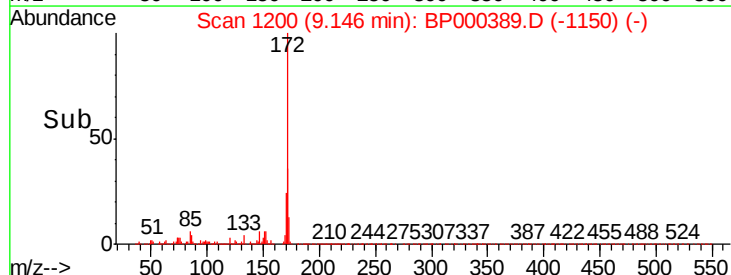
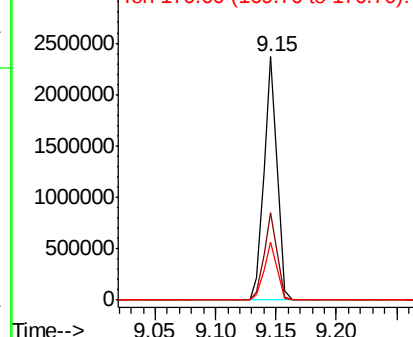


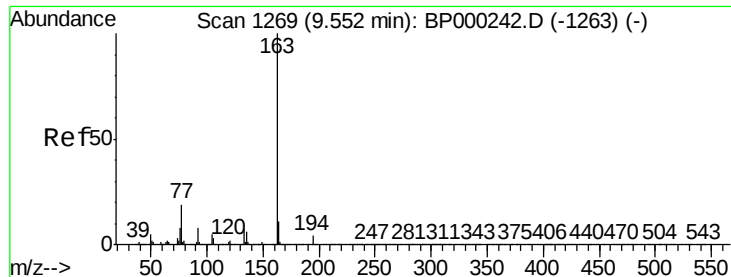
#45
2-Fluorobiphenyl
Concen: 66.737 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:172 Resp: 1799249
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.6
170 24.0 19.8 29.6



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





#50

Dimethylphthalate

Concen: 9.661 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000389.D

Acq: 24 Sep 2019 17:24

Instrument :

BNA_P

ClientSampleId :

SB-4

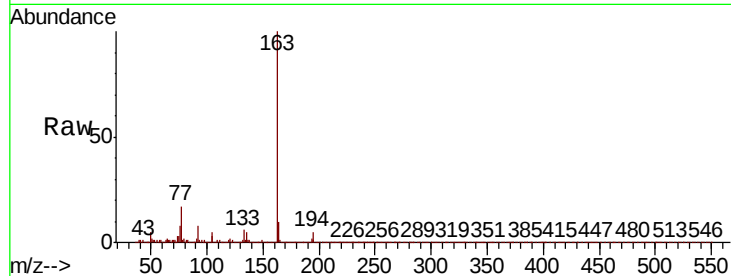
Tot Ion:163 Resp: 319388

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

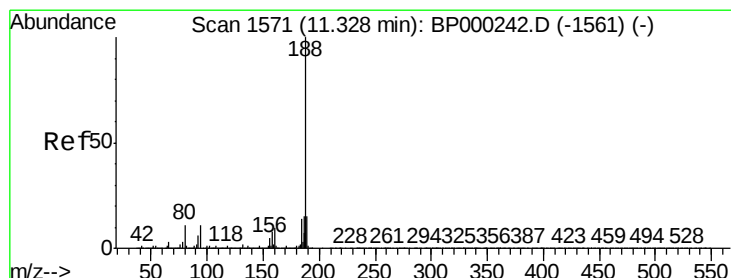
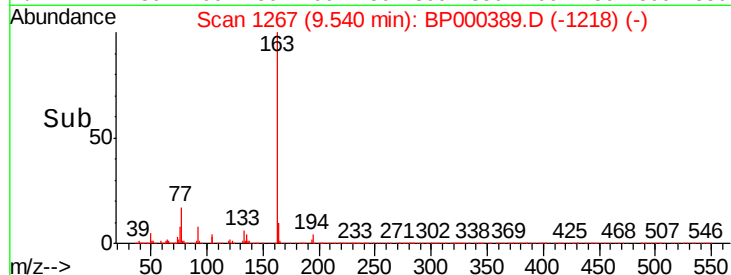
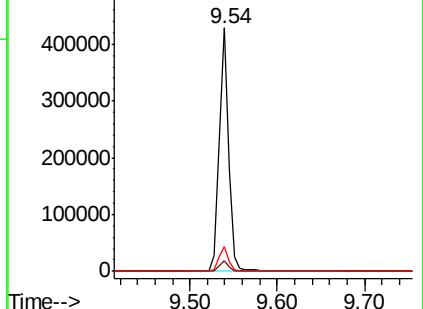
164 10.1 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000389.D

Acq: 24 Sep 2019 17:24

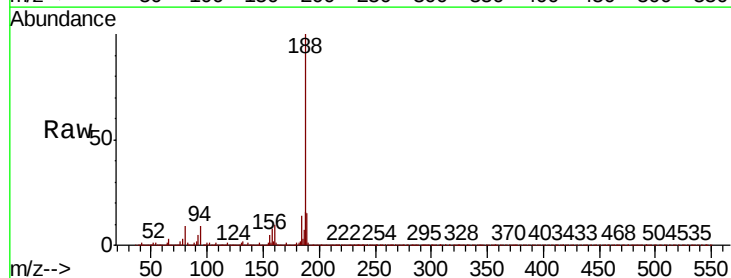
Tgt Ion:188 Resp: 924366

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

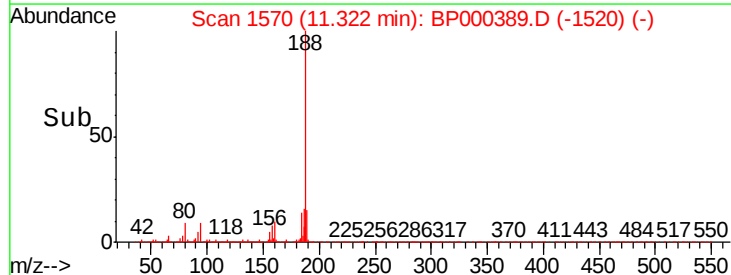
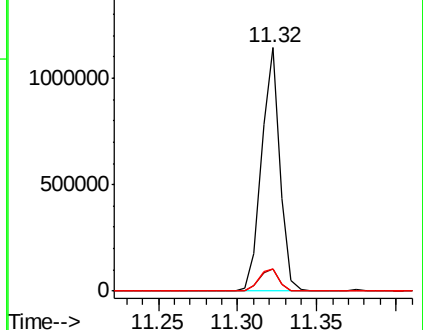
80 9.4 8.6 13.0

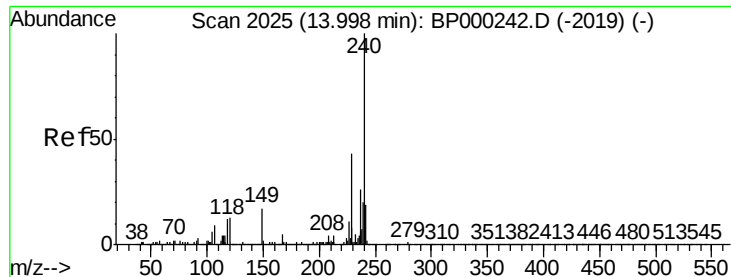


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

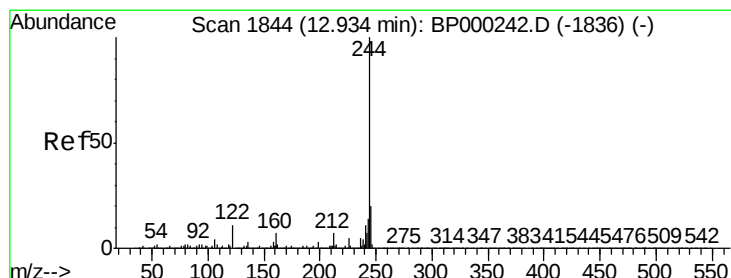
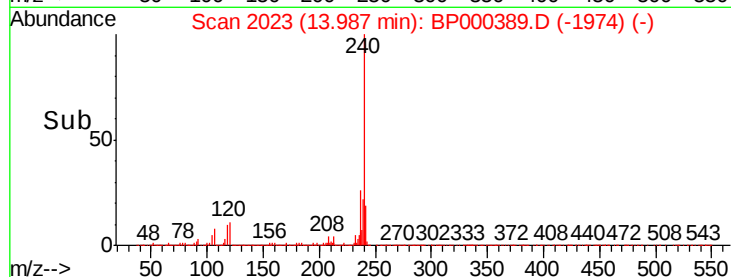
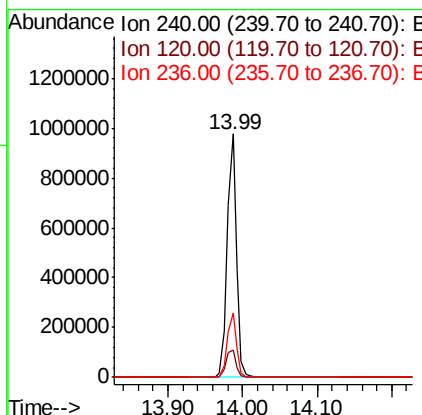
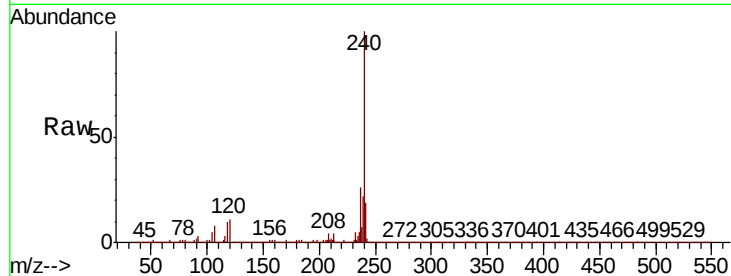




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

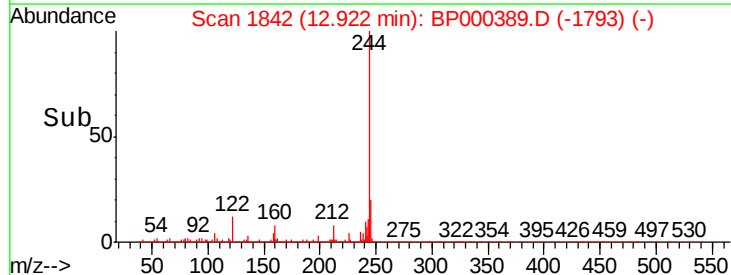
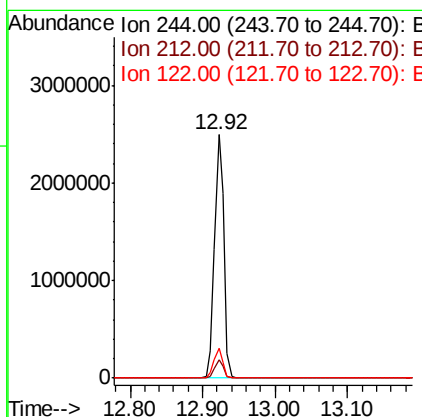
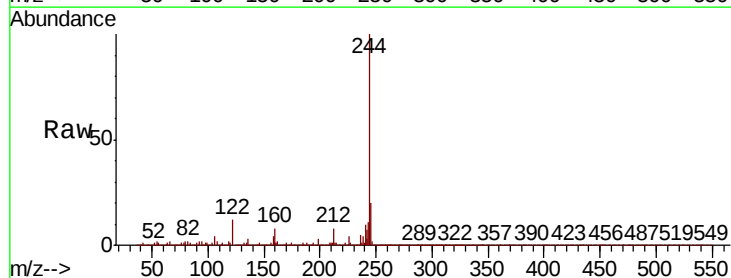
Instrument :
BNA_P
ClientSampleId :
SB-4

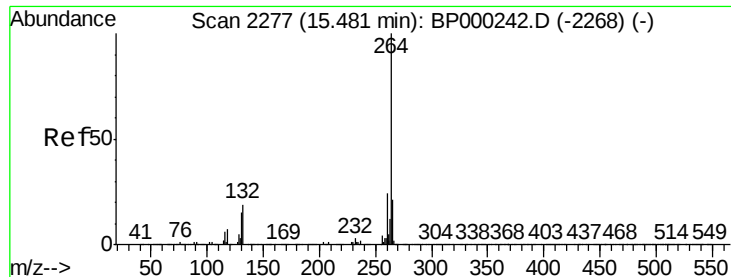
Tot Ion:240 Resp: 847589
Ion Ratio Lower Upper
240 100
120 11.3 10.4 15.6
236 26.3 21.0 31.6



#79
Terphenyl-d14
Concen: 55.181 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Tgt Ion:244 Resp: 2229458
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 12.0 9.0 13.4

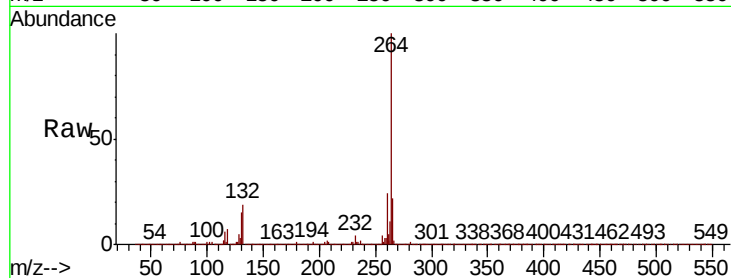




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BP000389.D
Acq: 24 Sep 2019 17:24

Instrument :
BNA_P
ClientSampleId :
SB-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.8	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

