

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000251.D
 Acq On : 16 Sep 2019 21:12
 Operator : HP/JU
 Sample : K4871-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VE-3-1

Quant Time: Sep 17 12:08:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

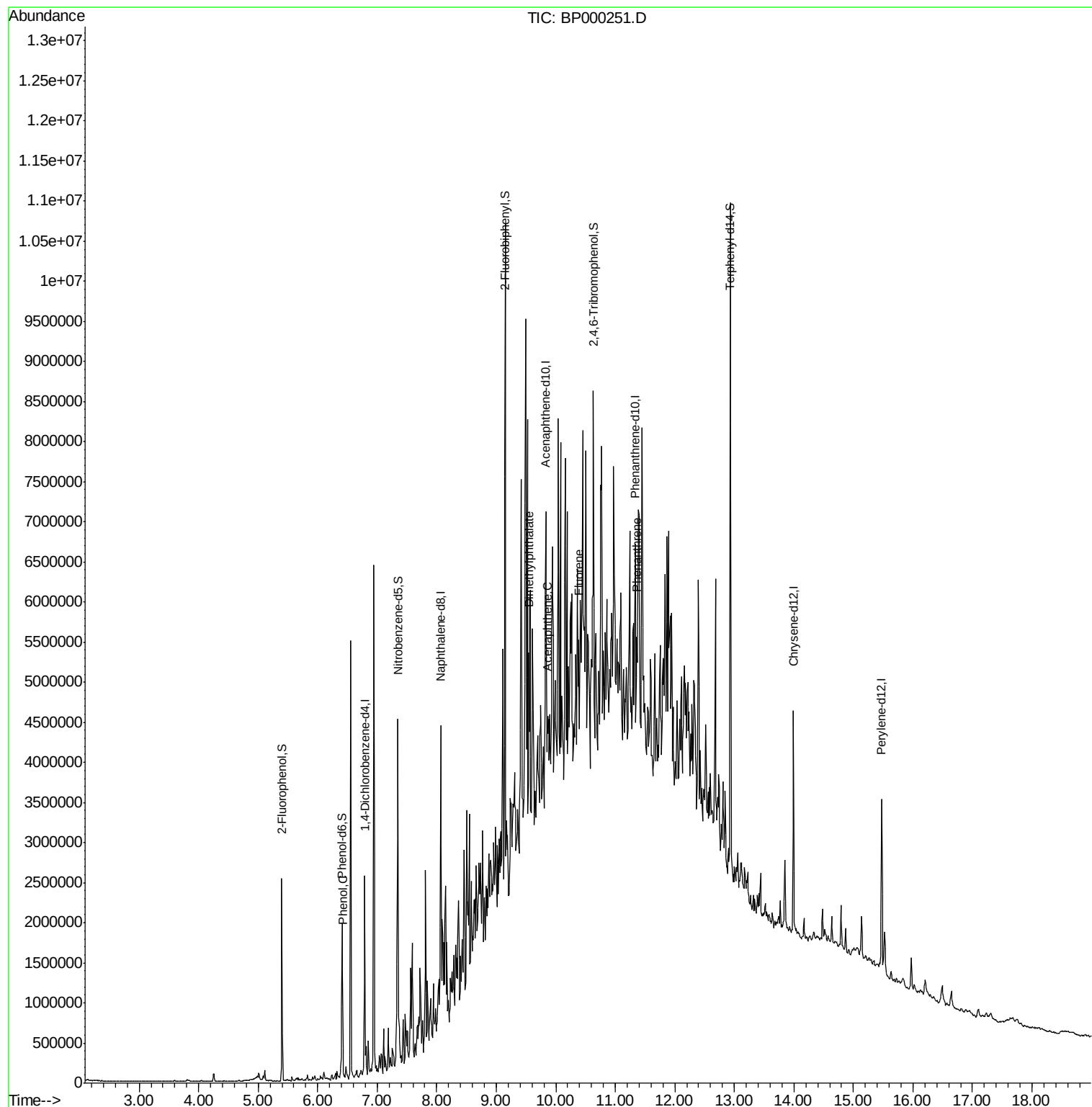
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	339378	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1157962	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	588672	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	988405	20.00	ng	0.00
76) Chrysene-d12	13.99	240	915753	20.00	ng	0.00
87) Perylene-d12	15.47	264	1033858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	836266	42.54	ng	0.00
7) Phenol-d6	6.41	99	661690	27.46	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1377534	76.75	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	628165	107.58	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2633171	80.51	ng	0.00
79) Terphenyl-d14	12.93	244	2979528	68.26	ng	0.00
Target Compounds						
10) Phenol	6.42	94	153691	5.614	ng	Qvalue 100
50) Dimethylphthalate	9.55	163	250080	6.235	ng	# 80
52) Acenaphthene	9.87	154	161609	4.987	ng	94
58) Fluorene	10.39	166	158801	4.488	ng	# 88
71) Phenanthrene	11.36	178	355032	7.168	ng	# 89

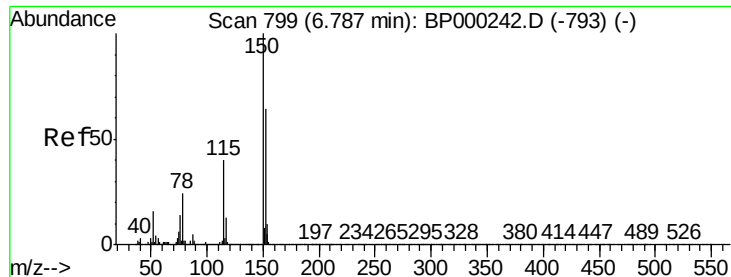
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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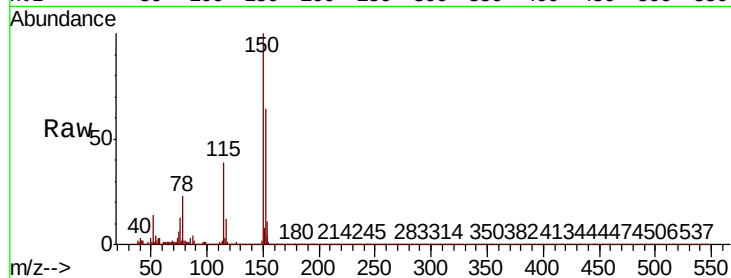


#1

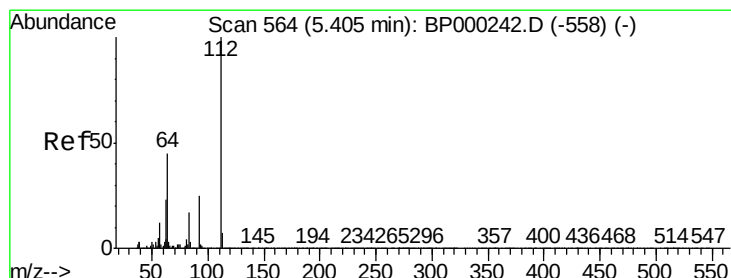
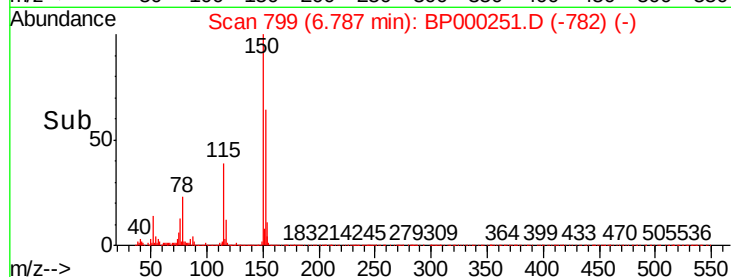
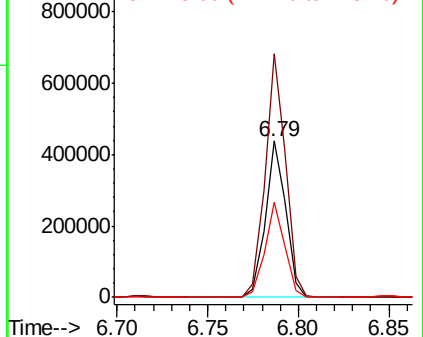
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

Instrument :
BNA_P
ClientSampleId :
VE-3-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	60.4	49.7	74.5



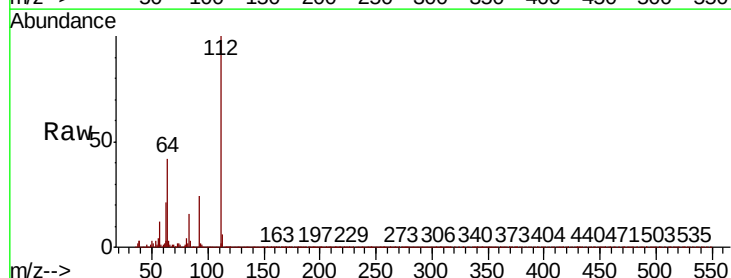
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



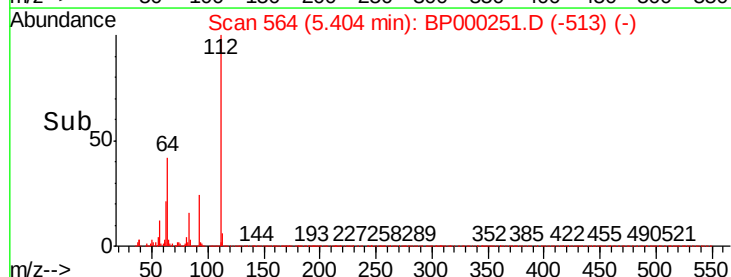
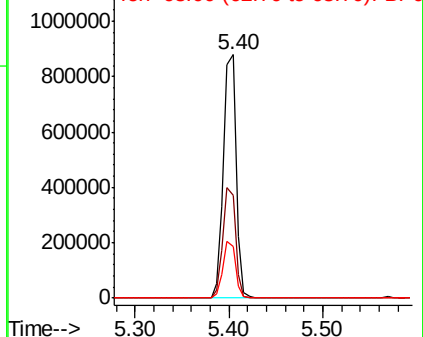
#5

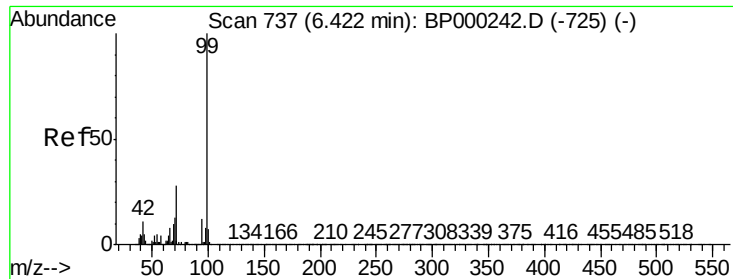
2-Fluorophenol
Concen: 42.539 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.0	36.2	54.4
63	21.2	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: 27.459 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000251.D

Acq: 16 Sep 2019 21:12

Instrument :

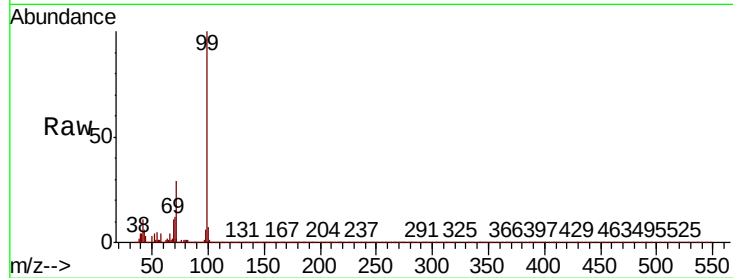
BNA_P

ClientSampled :

VE-3-1

Tot Ion: 99 Resp: 661690

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	28.6	22.6	34.0

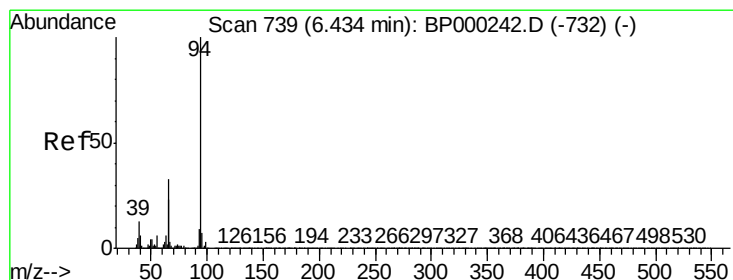
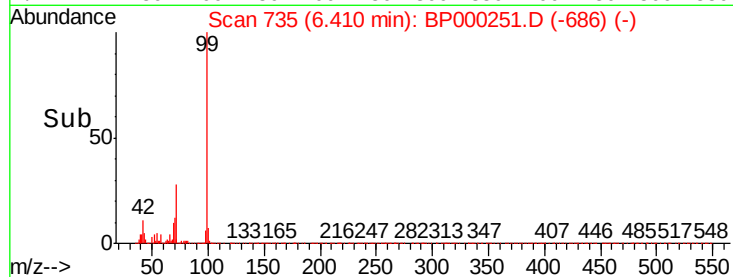
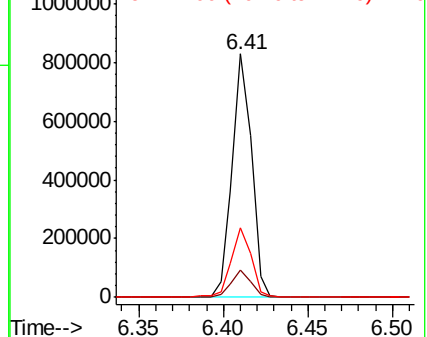


Abundance

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



#10

Phenol

Concen: 5.614 ng

RT: 6.42 min Scan# 737

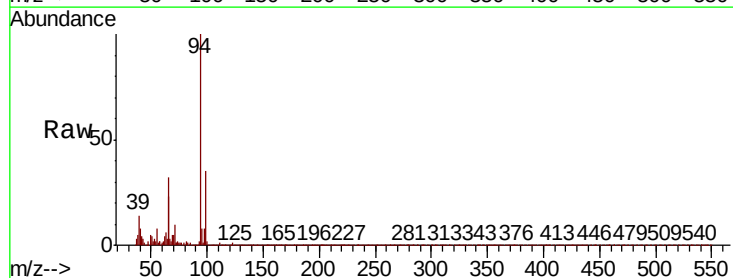
Delta R.T. -0.01 min

Lab File: BP000251.D

Acq: 16 Sep 2019 21:12

Tgt Ion: 94 Resp: 153691

Ion	Ratio	Lower	Upper
94	100		
65	23.2	3.3	43.3
66	32.3	12.7	52.7

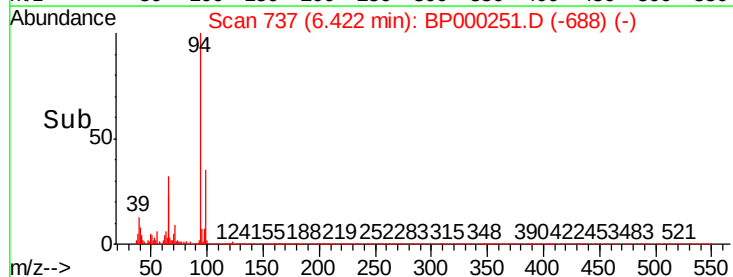
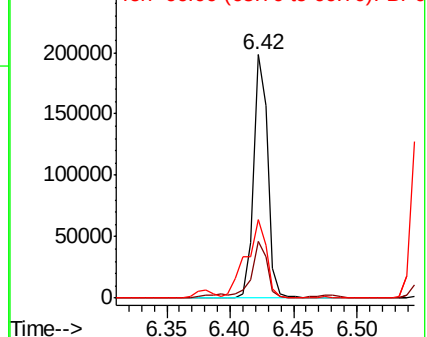


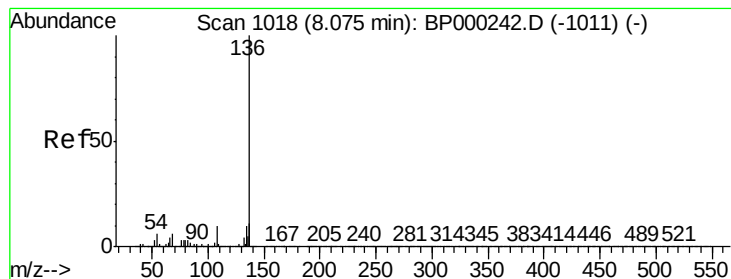
Abundance

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000251.D

Acq: 16 Sep 2019 21:12

Instrument :

BNA_P

ClientSampleId :

VE-3-1

Tot Ion:136 Resp: 1157962

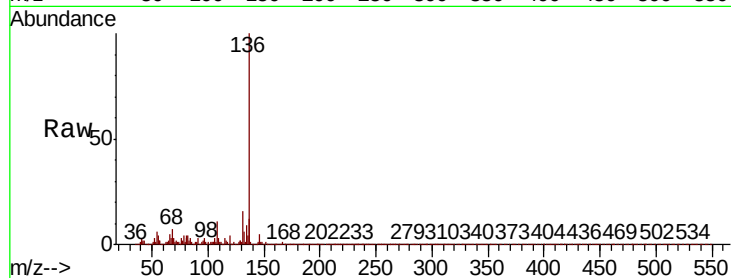
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	6.4	4.5	6.7
68	6.6	4.5	6.7

136 100

137 11.6 8.6 13.0

54 6.4 4.5 6.7

68 6.6 4.5 6.7



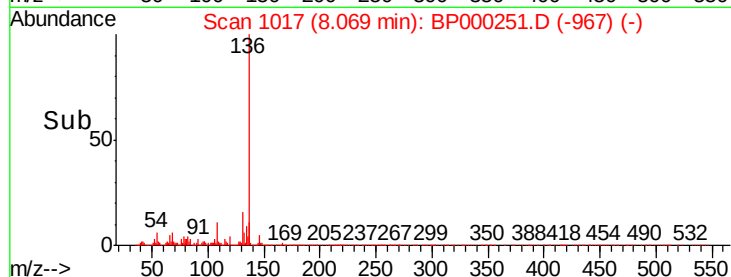
Abundance

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



Time-->

8.07

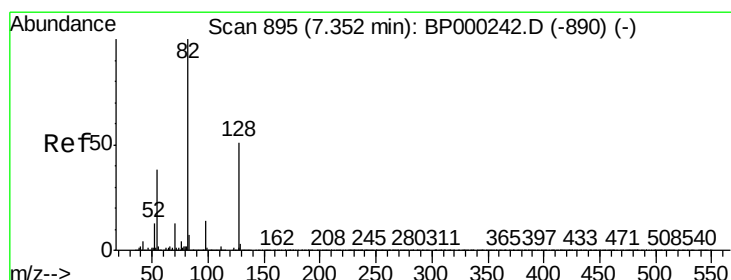
1500000

1000000

500000

0

8.05 8.10



#23

Nitrobenzene-d5

Concen: 76.754 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000251.D

Acq: 16 Sep 2019 21:12

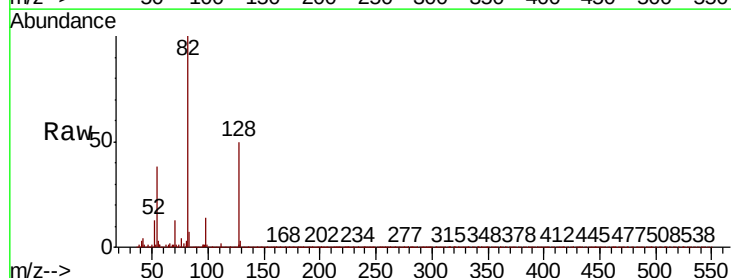
Tgt Ion: 82 Resp: 1377534

Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.7	61.1
54	37.8	30.1	45.1

82 100

128 50.2 40.7 61.1

54 37.8 30.1 45.1

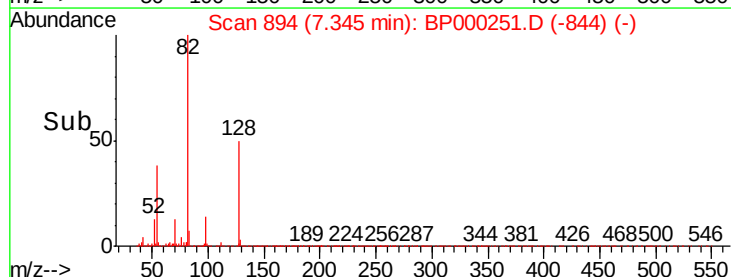


Abundance

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



Time-->

7.35

2000000

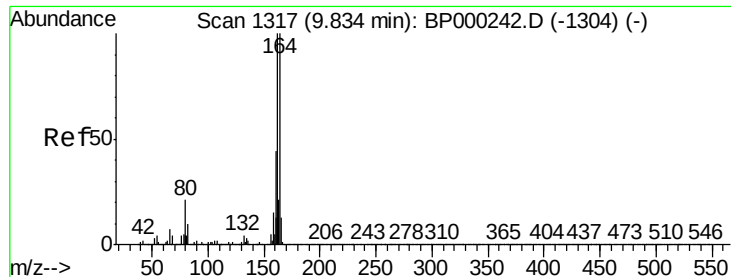
1500000

1000000

500000

0

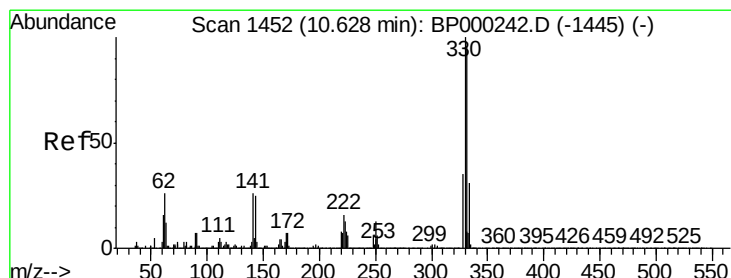
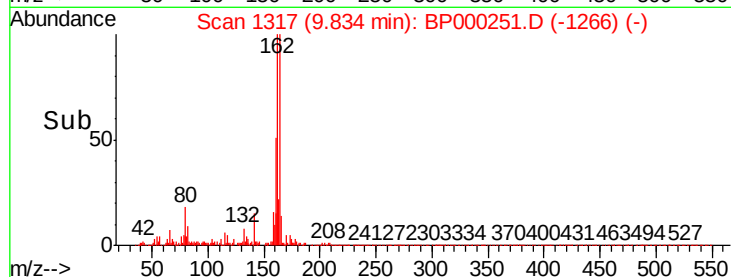
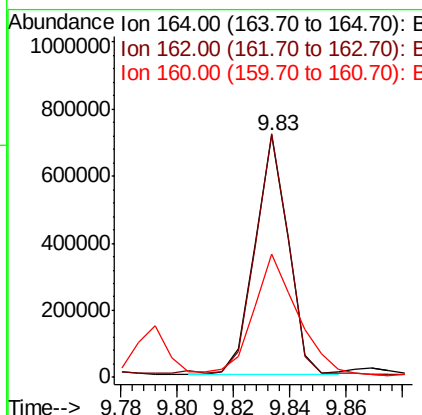
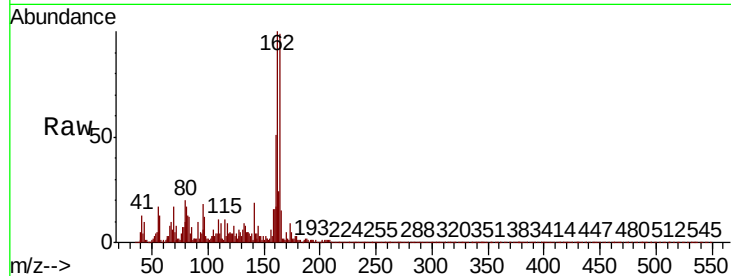
7.25 7.30 7.35 7.40



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

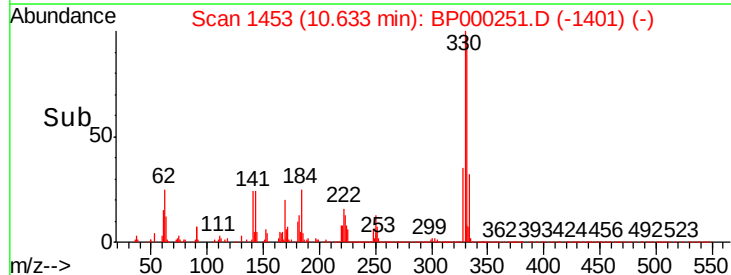
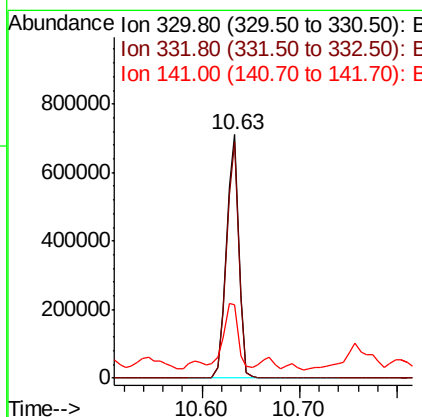
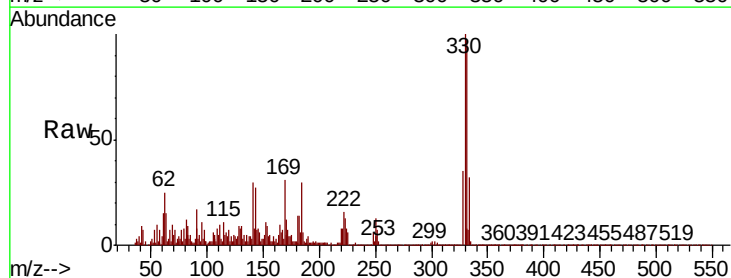
Instrument :
BNA_P
ClientSampled :
VE-3-1

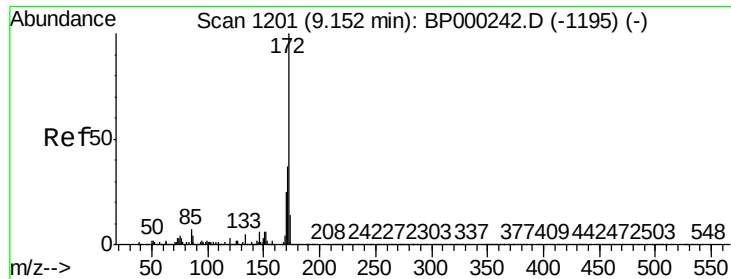
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	51.0	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 107.584 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	30.5	26.5	39.7

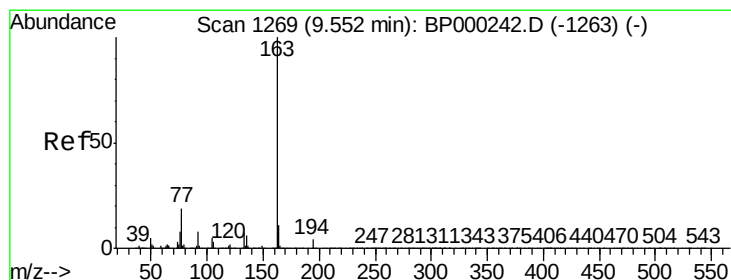
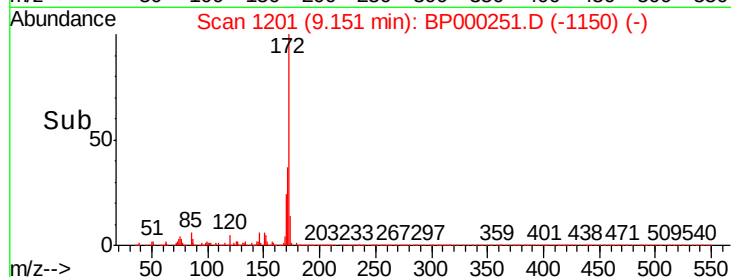
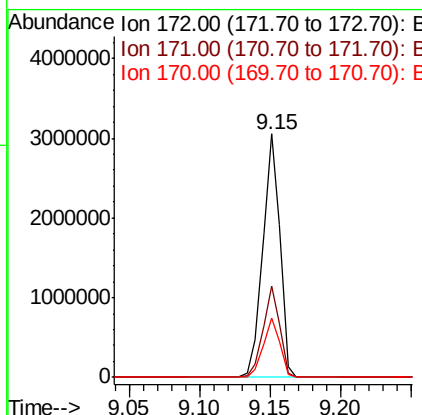
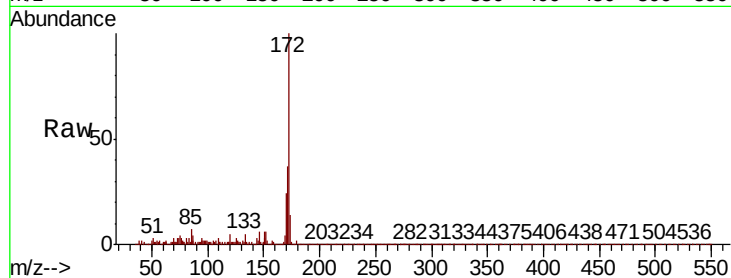




#45
2-Fluorobiphenyl
Concen: 80.507 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

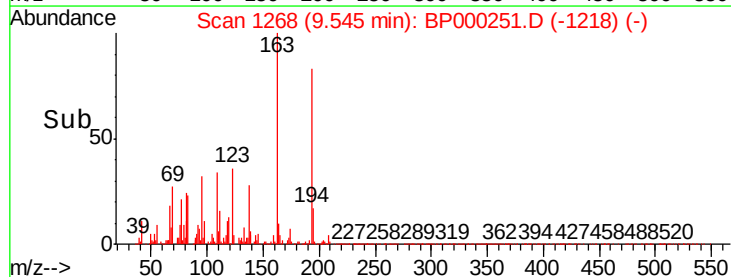
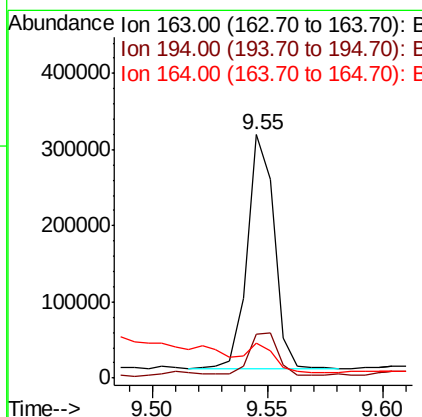
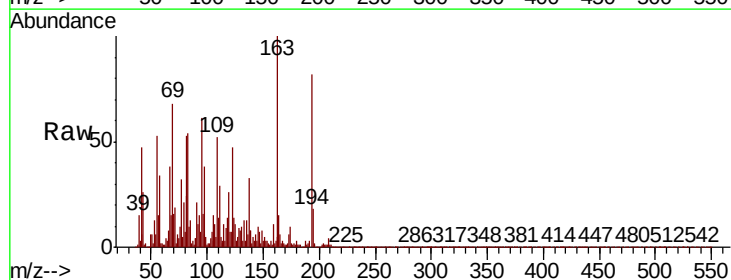
Instrument :
BNA_P
ClientSampleId :
VE-3-1

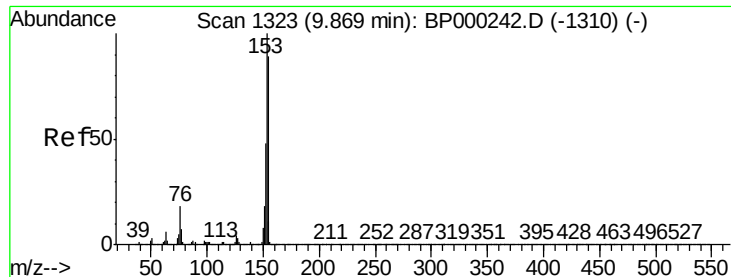
Tot Ion:172 Resp: 2633171
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 24.5 19.8 29.6



#50
Dimethylphthalate
Concen: 6.235 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

Tgt Ion:163 Resp: 250080
Ion Ratio Lower Upper
163 100
194 18.1 3.4 5.0#
164 14.6 8.5 12.7#





#52

Acenaphthene

Concen: 4.987 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000251.D

Acq: 16 Sep 2019 21:12

Instrument :

BNA_P

ClientSampleId :

VE-3-1

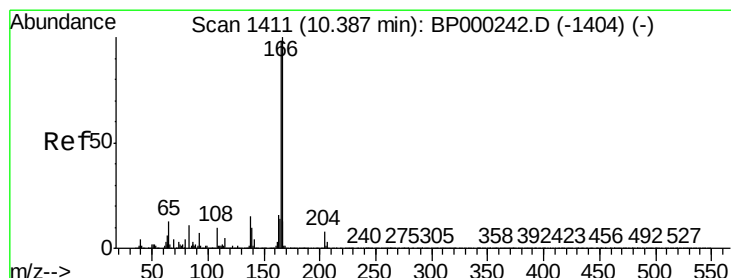
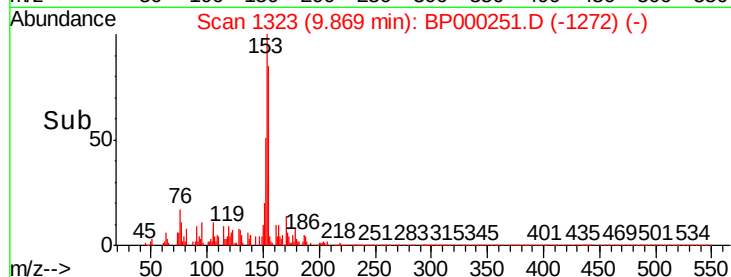
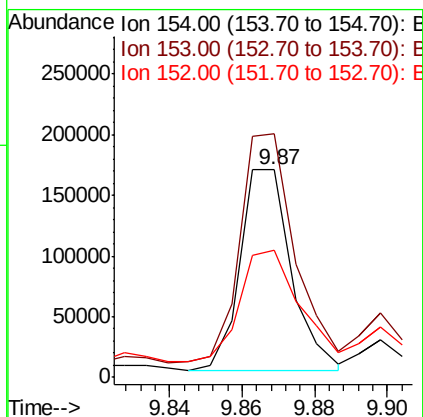
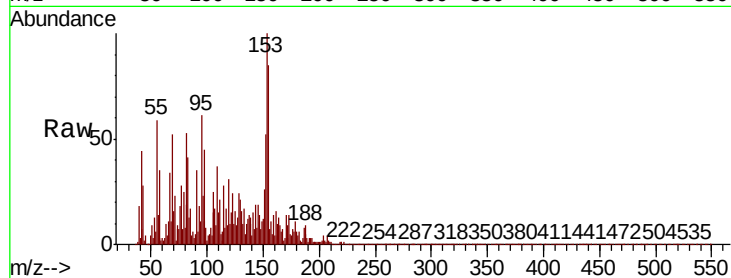
Tot Ion:154 Resp: 161609

Ion Ratio Lower Upper

154 100

153 117.2 89.8 134.6

152 60.9 43.4 65.0



#58

Fluorene

Concen: 4.488 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BP000251.D

Acq: 16 Sep 2019 21:12

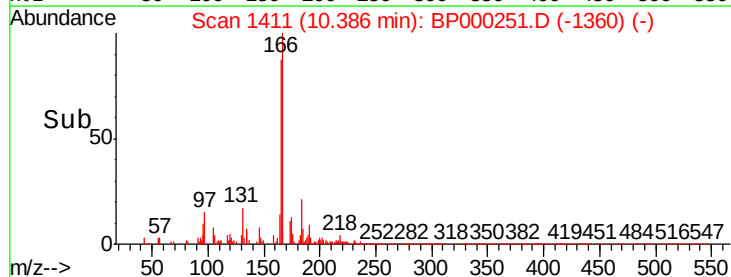
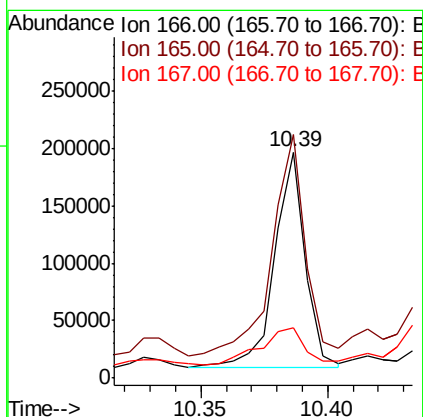
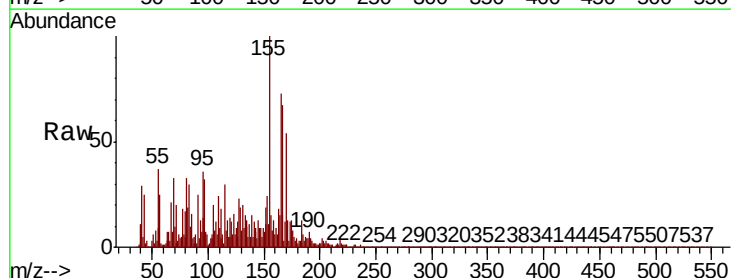
Tgt Ion:166 Resp: 158801

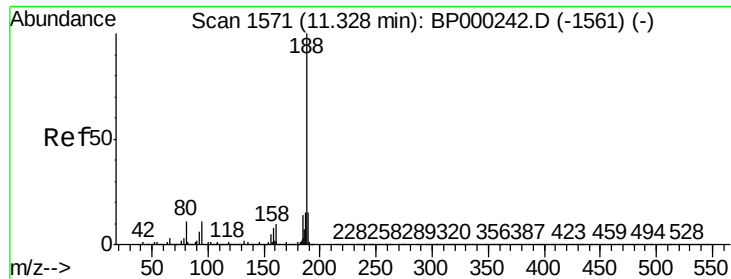
Ion Ratio Lower Upper

166 100

165 107.9 78.2 117.2

167 22.1 10.7 16.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BP000251.D

Acq: 16 Sep 2019 21:12

Instrument :

BNA_P

ClientSampleId :

VE-3-1

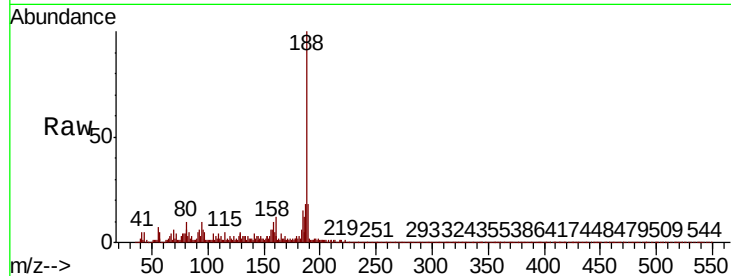
Tot Ion:188 Resp: 988405

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

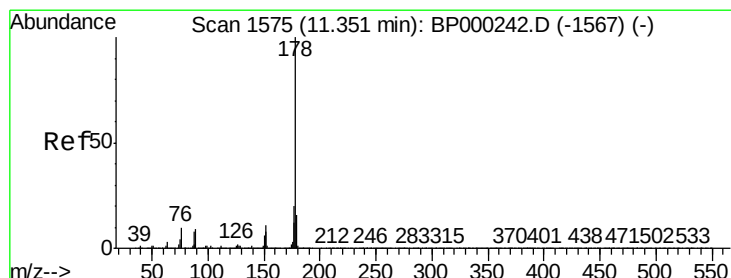
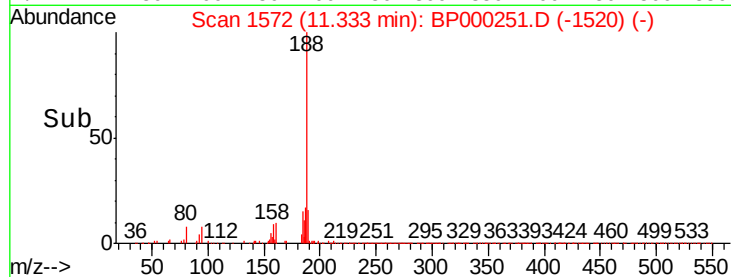
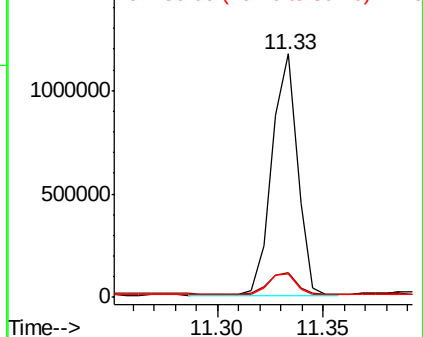
80 9.6 8.6 13.0



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



#71

Phenanthrene

Concen: 7.168 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000251.D

Acq: 16 Sep 2019 21:12

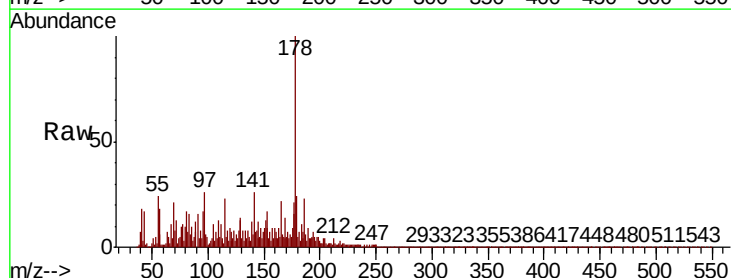
Tgt Ion:178 Resp: 355032

Ion Ratio Lower Upper

178 100

176 21.4 15.8 23.8

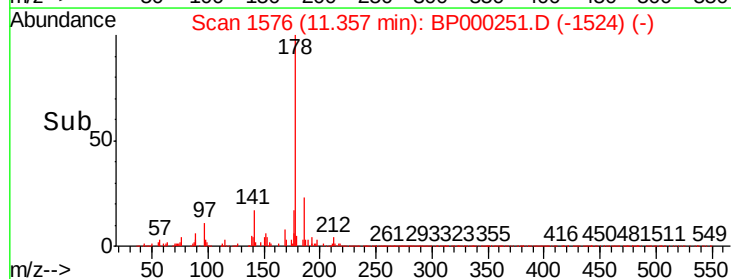
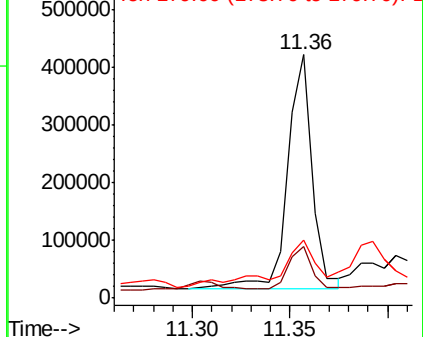
179 24.1 12.7 19.1#

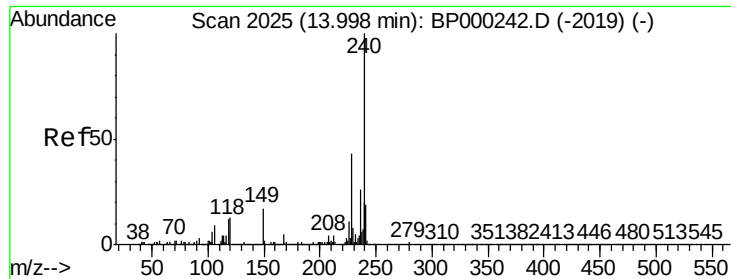


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

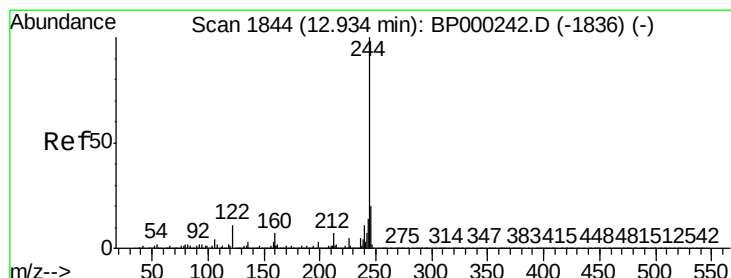
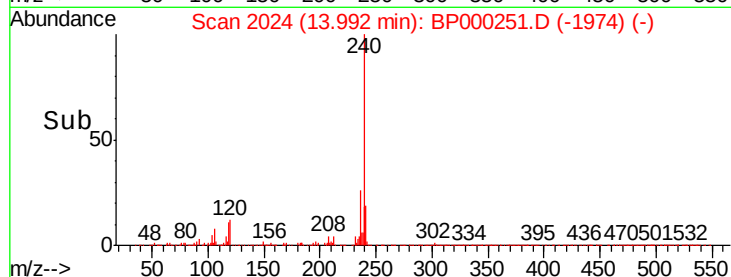
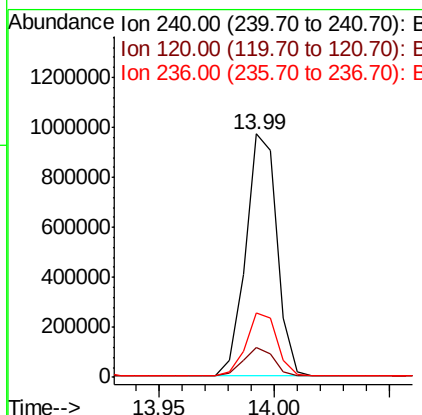
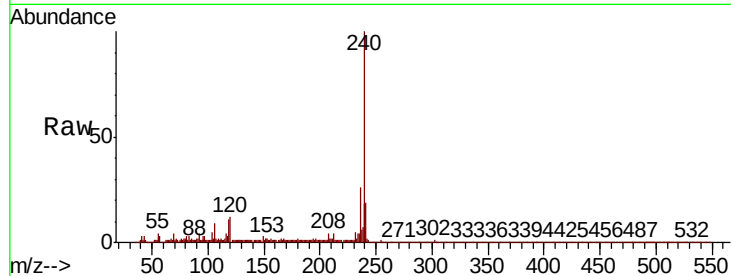




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

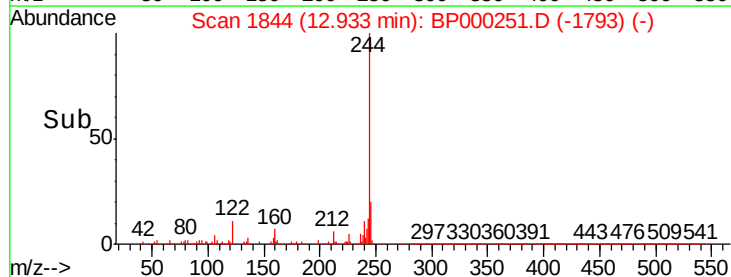
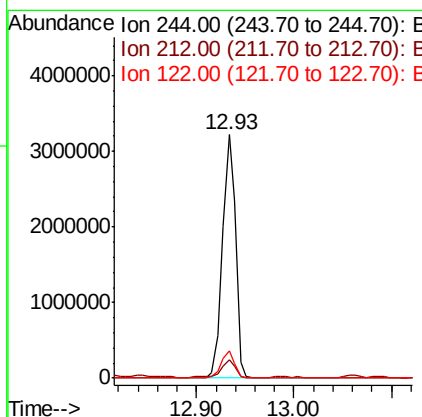
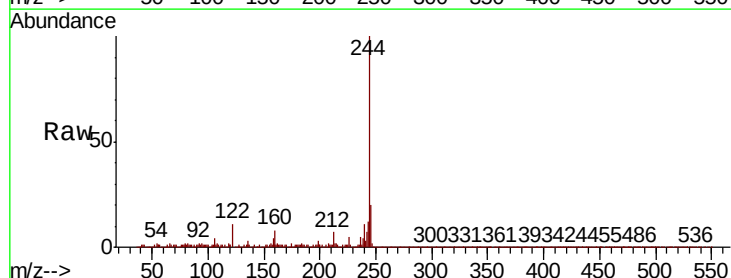
Instrument :
BNA_P
ClientSampleId :
VE-3-1

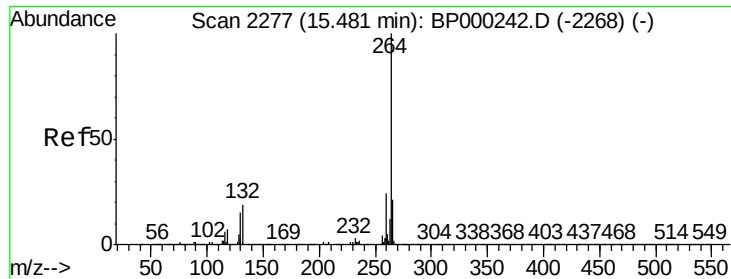
Tot Ion:240 Resp: 915753
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 26.3 21.0 31.6



#79
Terphenyl-d14
Concen: 68.256 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

Tgt Ion:244 Resp: 2979528
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.1 9.0 13.4



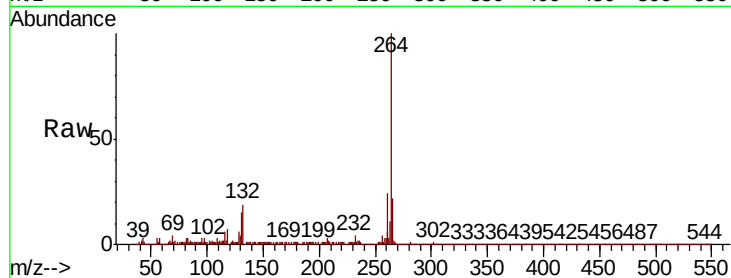


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000251.D
Acq: 16 Sep 2019 21:12

Instrument :
BNA_P
ClientSampleId :
VE-3-1

Tot Ion:264 Resp: 1033858

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.9	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

