

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000633.D
 Acq On : 11 Oct 2019 15:58
 Operator : JU
 Sample : PB123860BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123860BL

Quant Time: Oct 11 23:25:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	256948	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	929841	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	527590	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1015217	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	887000	20.00	ng	-0.02
87) Perylene-d12	15.44	264	936483	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1740249	108.87	ng	-0.02
7) Phenol-d6	6.39	99	2228087	115.67	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1229875	80.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	678157	120.62	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2631386	80.70	ng	-0.02
79) Terphenyl-d14	12.90	244	3329822	76.01	ng	-0.01

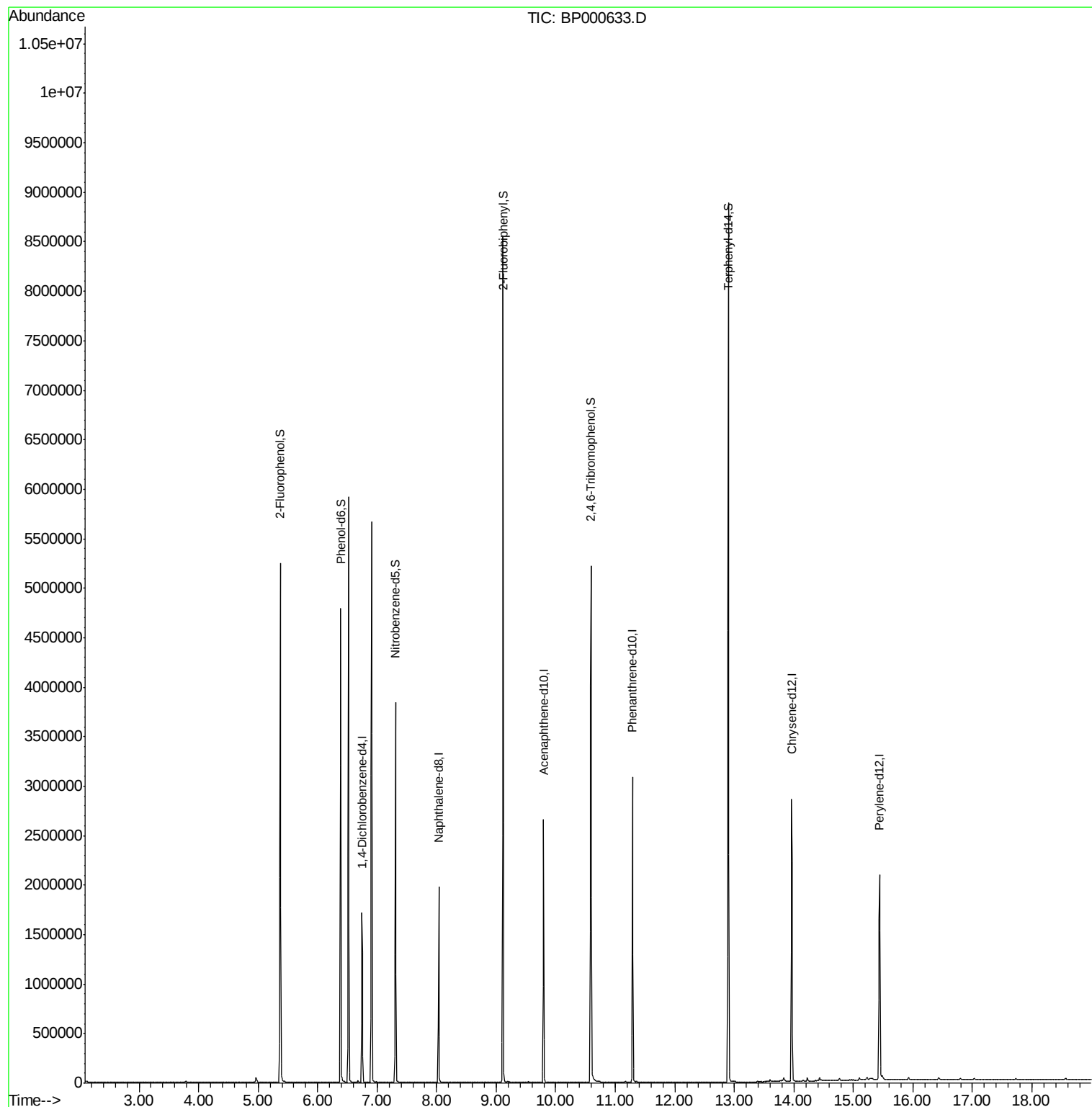
Target Compounds Qvalue

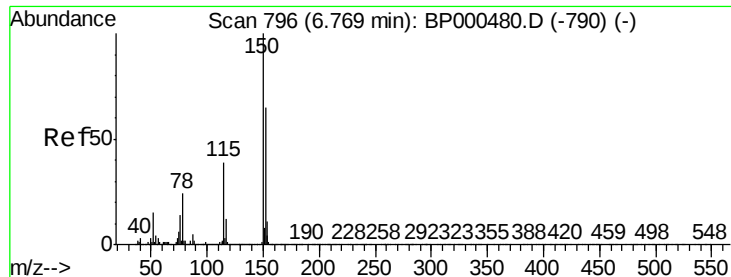
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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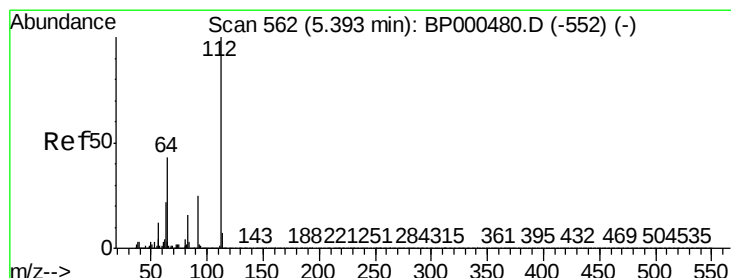
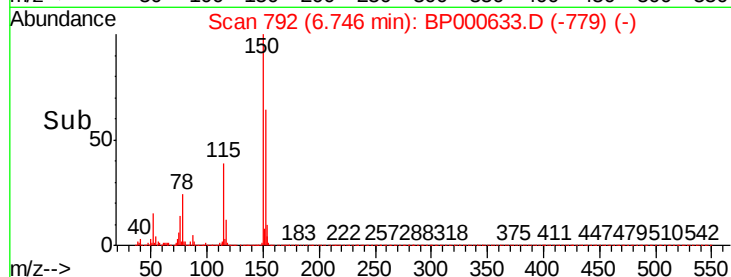
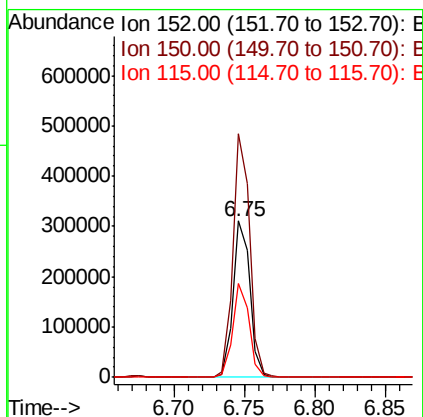
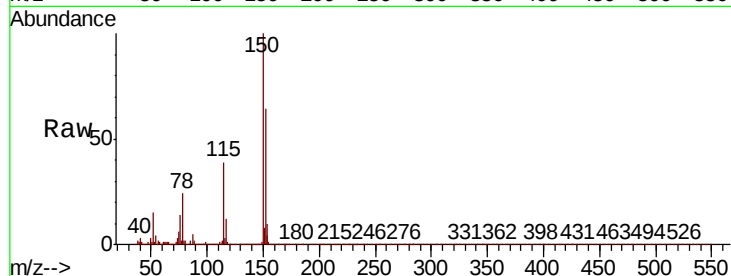


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000633.D
Acq: 11 Oct 2019 15:58

Instrument :
BNA_P
ClientSampleId :
PB123860BL

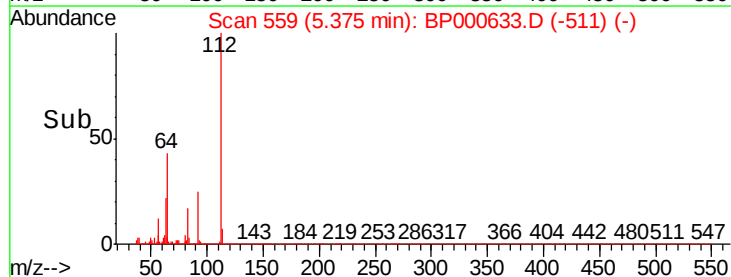
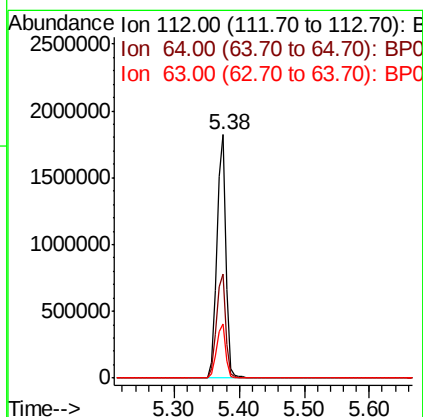
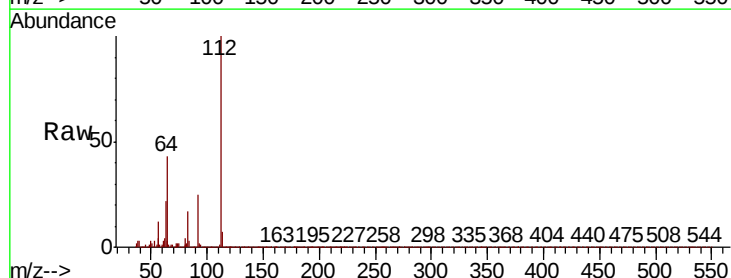
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	60.2	48.7	73.1

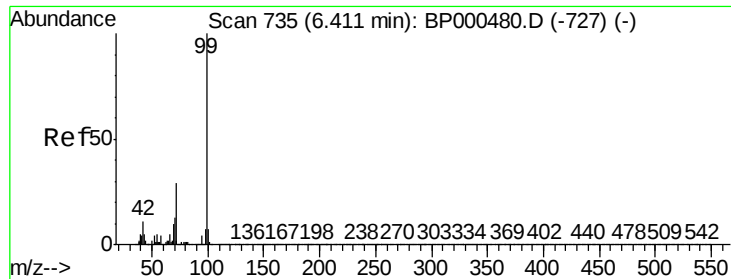


#5

2-Fluorophenol
Concen: 108.868 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000633.D
Acq: 11 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.7	34.2	51.4
63	22.1	17.9	26.9





#7

Phenol-d6

Concen: 115.670 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000633.D

Acq: 11 Oct 2019 15:58

Instrument :

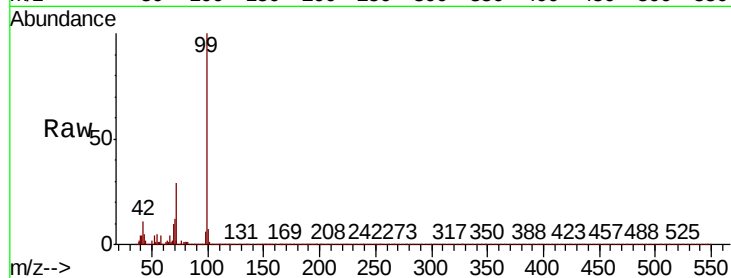
BNA_P

ClientSampleId :

PB123860BL

Tot Ion: 99 Resp: 2228087

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.6	12.8
71	29.4	23.0	34.4

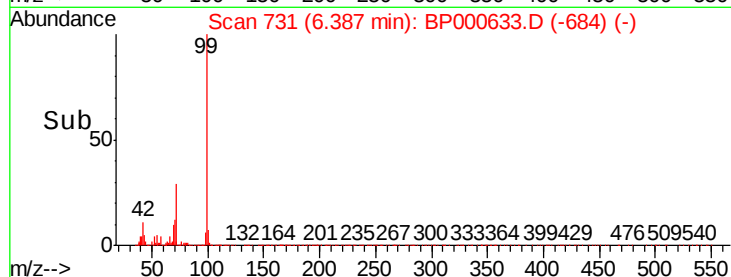


Abundance

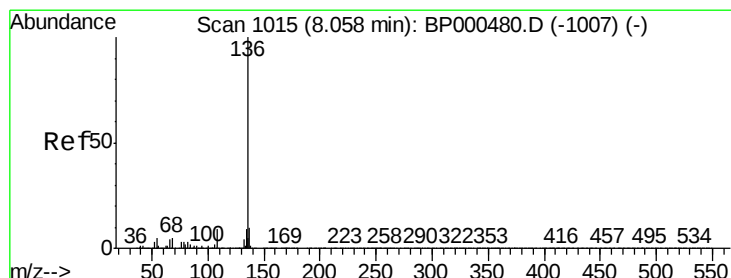
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

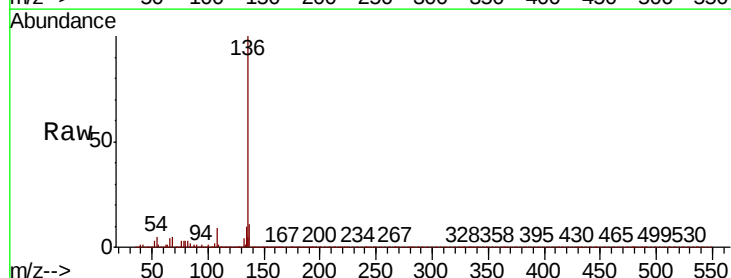
Delta R.T. -0.02 min

Lab File: BP000633.D

Acq: 11 Oct 2019 15:58

Tgt Ion: 136 Resp: 929841

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.2	4.1	6.1
68	5.2	4.1	6.1



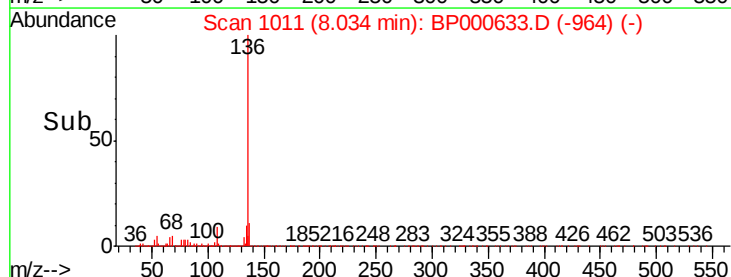
Abundance

Ion 136.00 (135.70 to 136.70): E

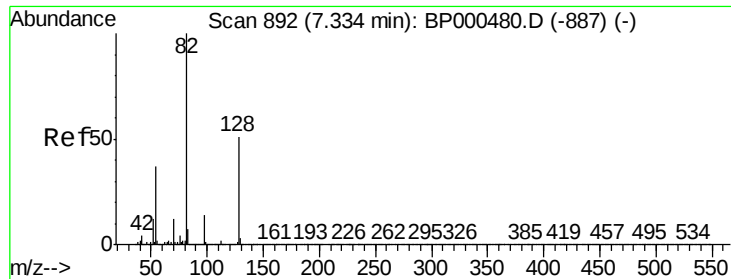
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



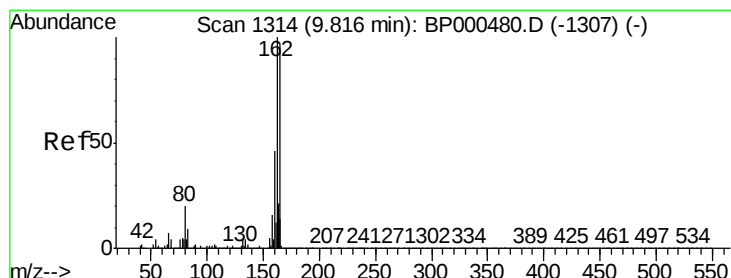
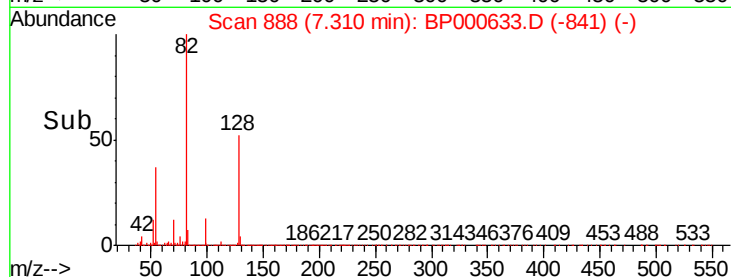
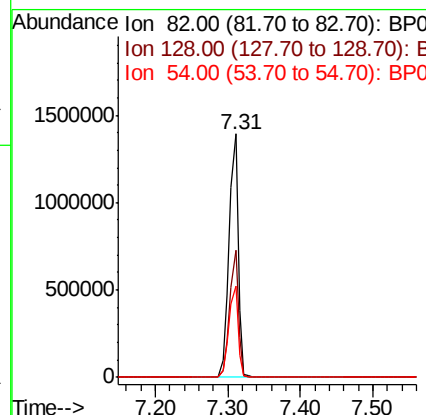
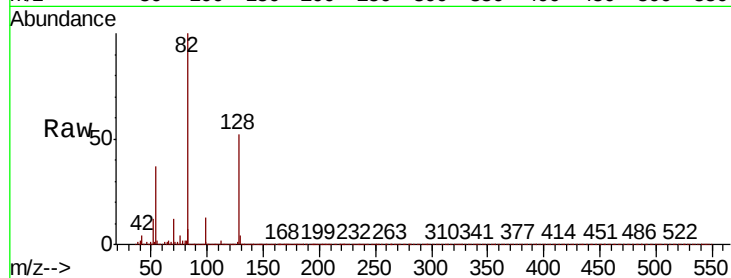
Time-->



#23
Nitrobenzene-d5
Concen: 80.783 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000633.D
Acq: 11 Oct 2019 15:58

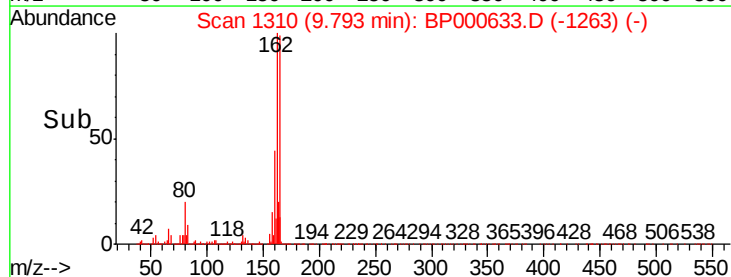
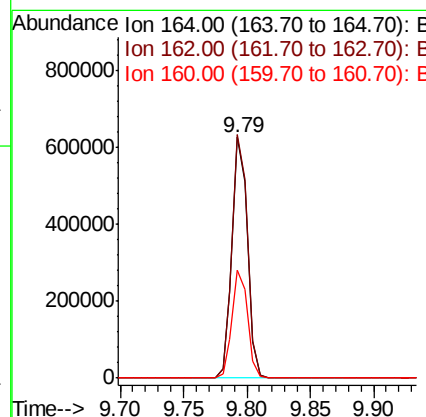
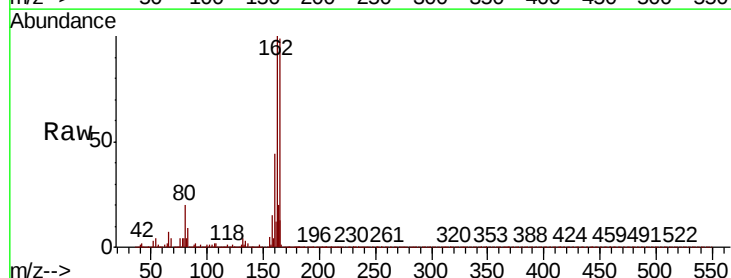
Instrument :
BNA_P
ClientSampleId :
PB123860BL

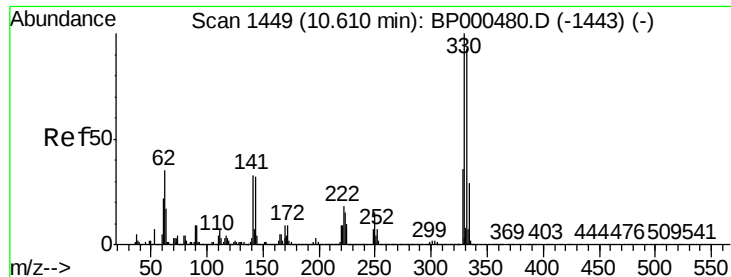
Tot Ion: 82 Resp: 1229875
Ion Ratio Lower Upper
82 100
128 52.2 40.9 61.3
54 37.4 29.4 44.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000633.D
Acq: 11 Oct 2019 15:58

Tgt Ion:164 Resp: 527590
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 45.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 120.624 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000633.D

Acq: 11 Oct 2019 15:58

Instrument :

BNA_P

ClientSampleId :

PB123860BL

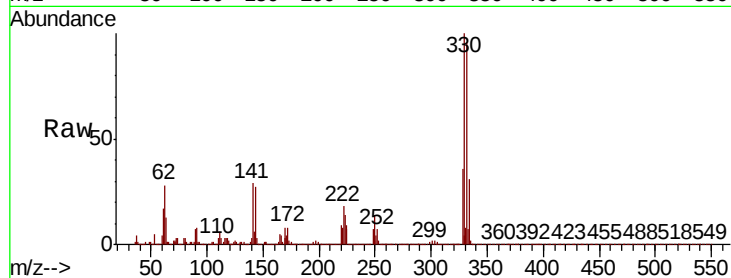
Tot Ion:330 Resp: 678157

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

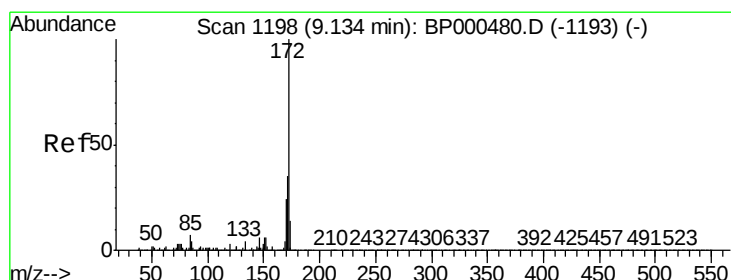
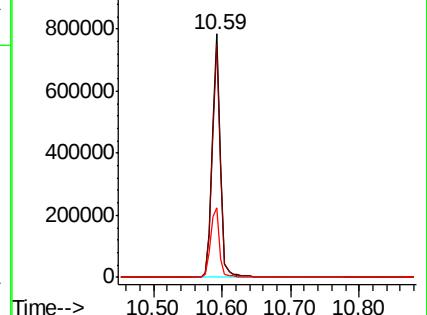
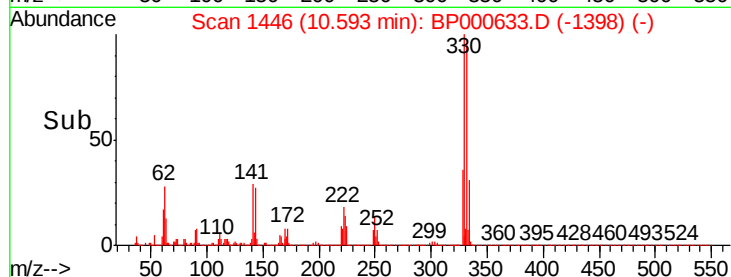
141 31.5 26.0 39.0



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: 80.698 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BP000633.D

Acq: 11 Oct 2019 15:58

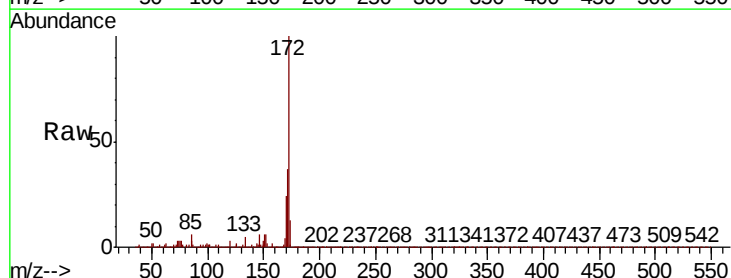
Tgt Ion:172 Resp: 2631386

Ion Ratio Lower Upper

172 100

171 36.8 28.4 42.6

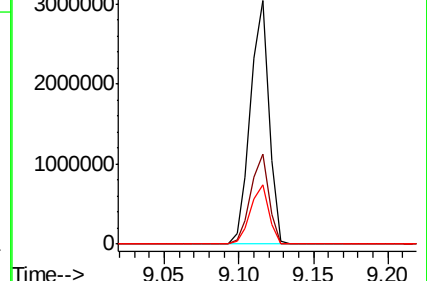
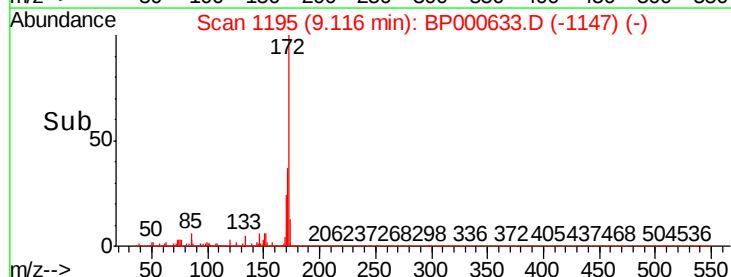
170 24.5 19.1 28.7

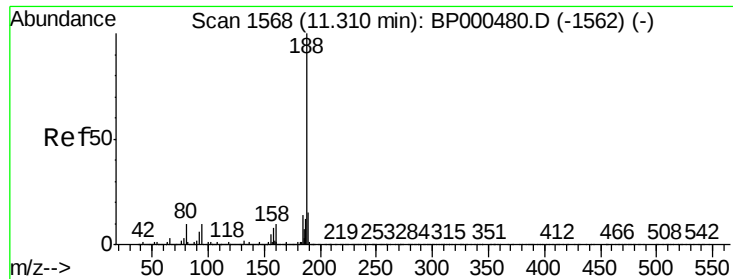


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

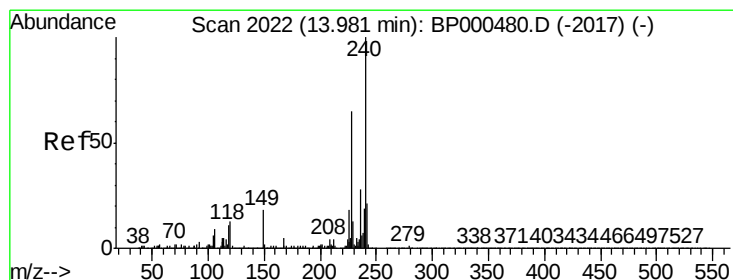
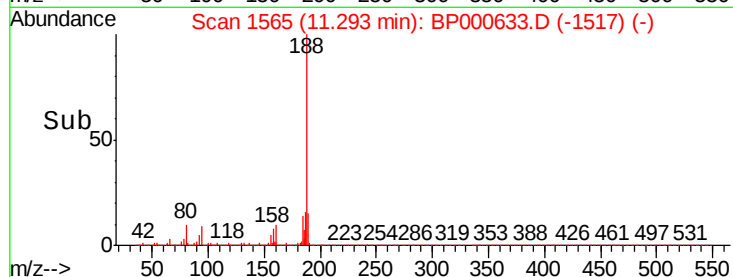
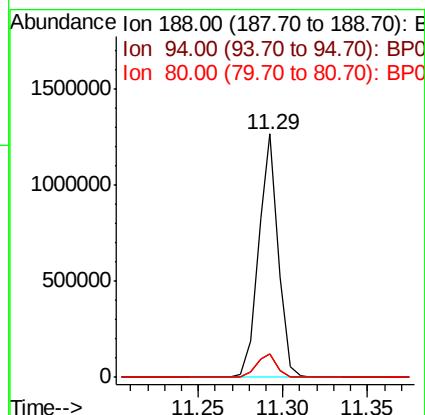
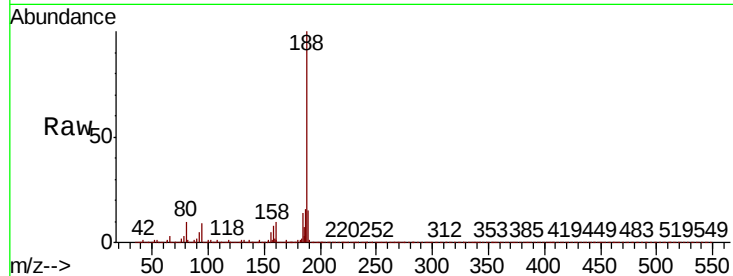




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000633.D
Acq: 11 Oct 2019 15:58

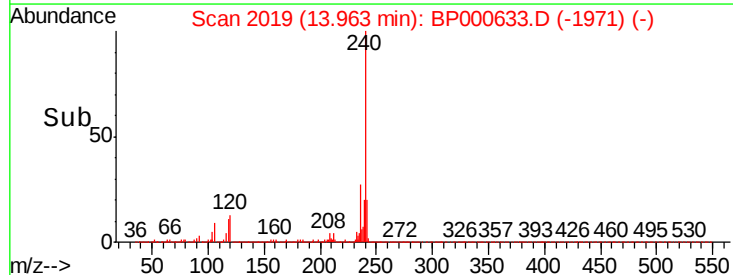
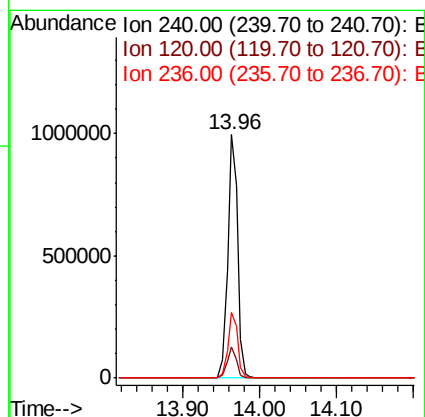
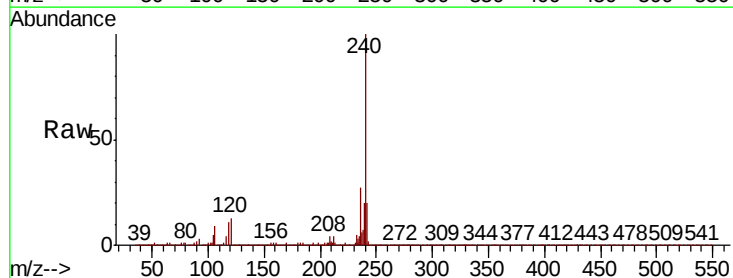
Instrument :
BNA_P
ClientSampleId :
PB123860BL

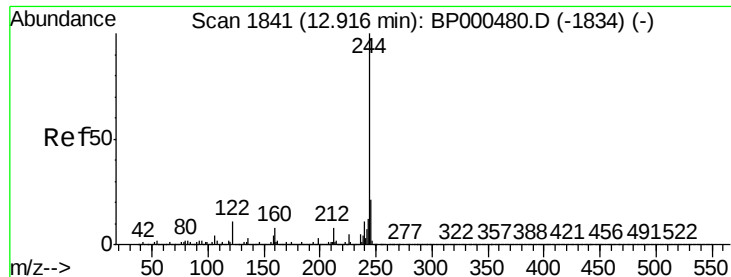
Tot Ion:188 Resp: 1015217
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 9.6 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000633.D
Acq: 11 Oct 2019 15:58

Tgt Ion:240 Resp: 887000
Ion Ratio Lower Upper
240 100
120 12.9 10.1 15.1
236 27.0 22.7 34.1





#79

Terphenyl-d14

Concen: 76.009 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000633.D

Acq: 11 Oct 2019 15:58

Instrument :

BNA_P

ClientSampleId :

PB123860BL

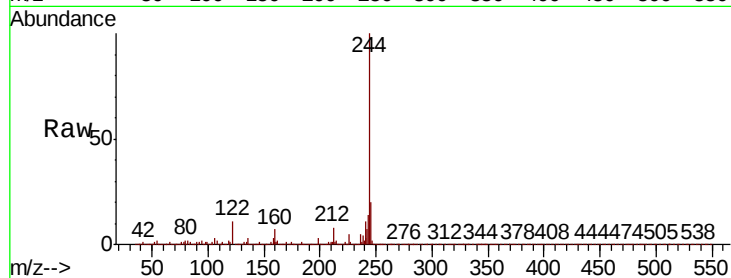
Tot Ion:244 Resp: 3329822

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

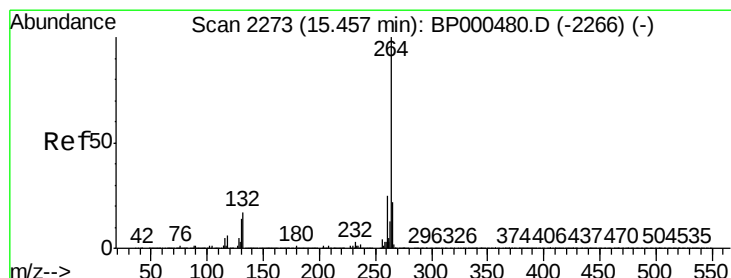
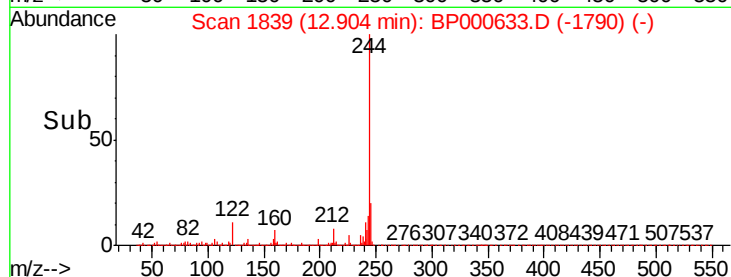
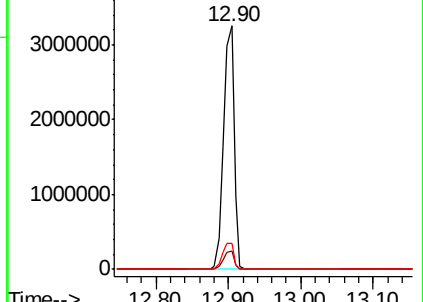
122 10.5 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000633.D

Acq: 11 Oct 2019 15:58

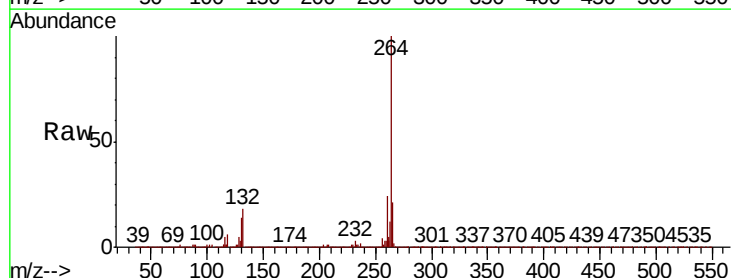
Tgt Ion:264 Resp: 936483

Ion Ratio Lower Upper

264 100

260 24.0 20.3 30.5

265 21.4 18.0 27.0



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

