

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 :

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

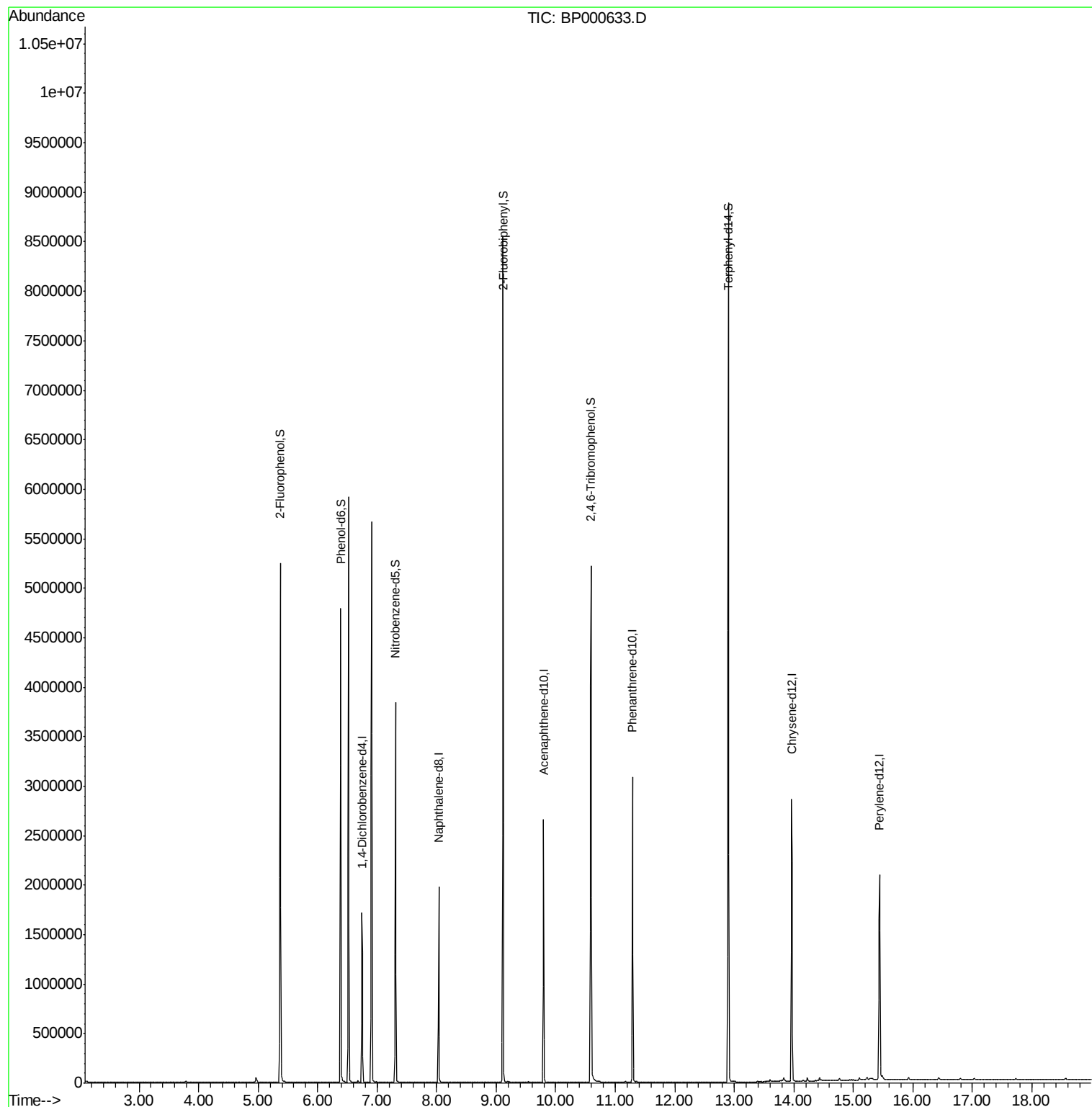
Target Compounds Qvalue

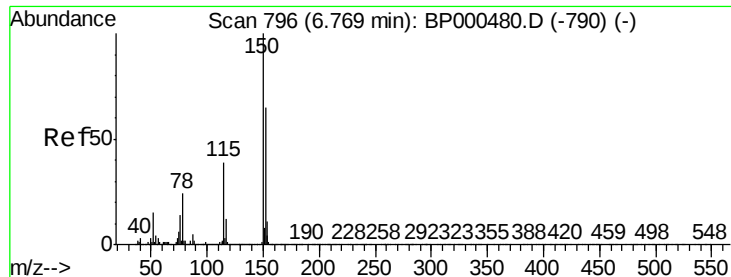
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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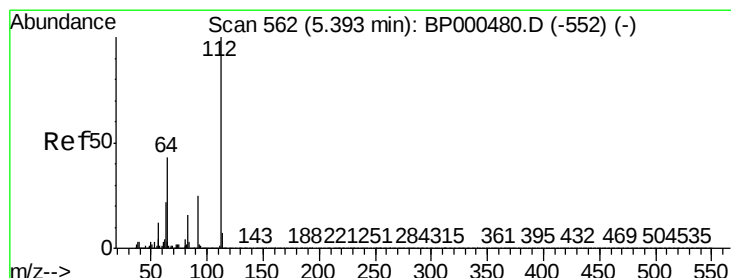
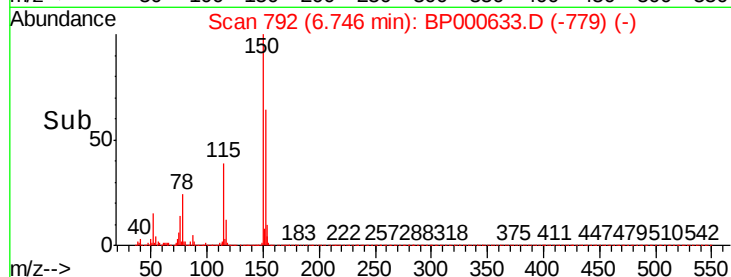
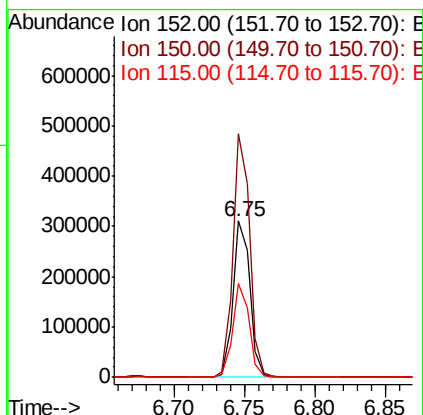
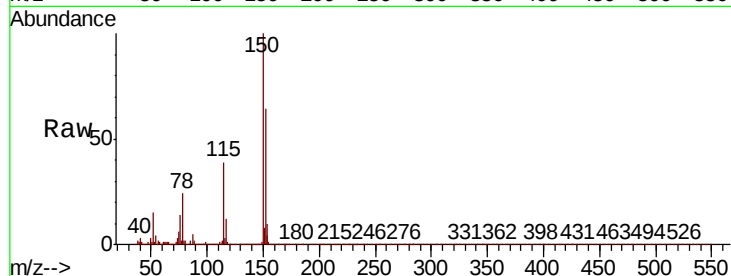


#1

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 :

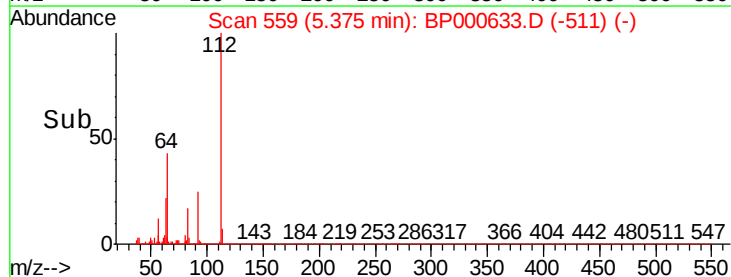
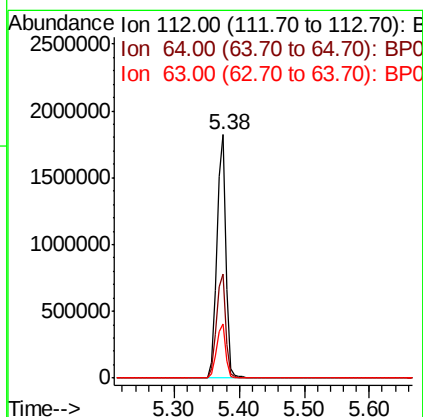
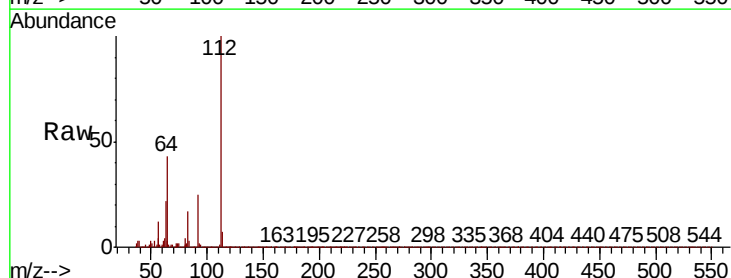
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	60.2	48.7	73.1

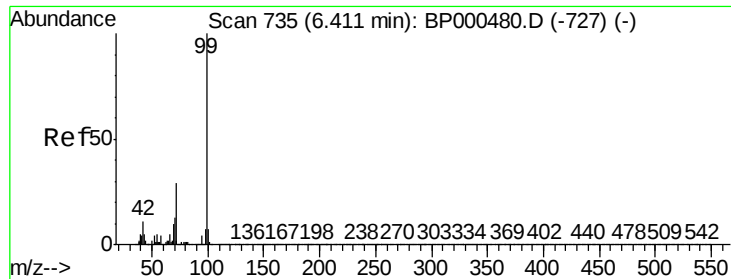


#5

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

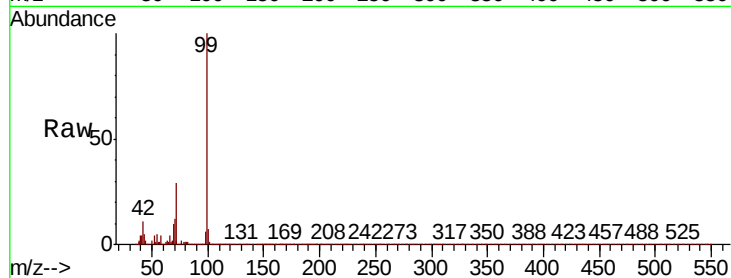
Instrument :

BNA_P

ClientSampled :

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

2500000

2000000

1500000

1000000

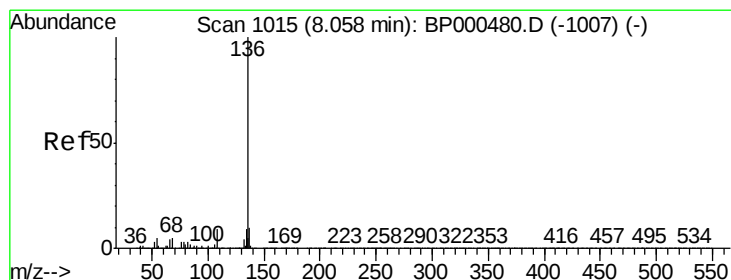
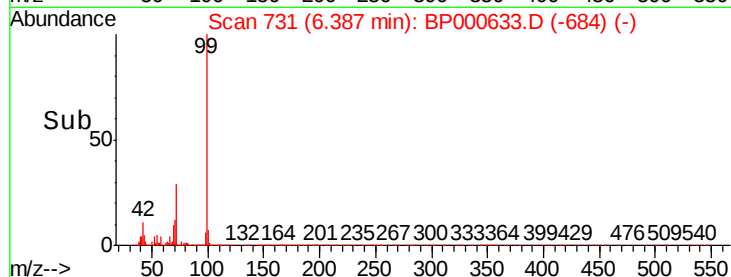
500000

0

6.30 6.40 6.50

Time-->

6.39



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

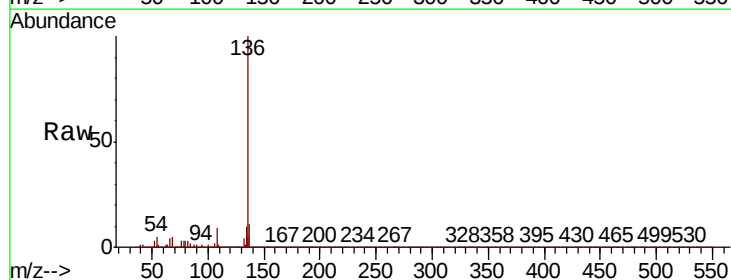
Delta R.T. -0.02 min

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

1500000

1000000

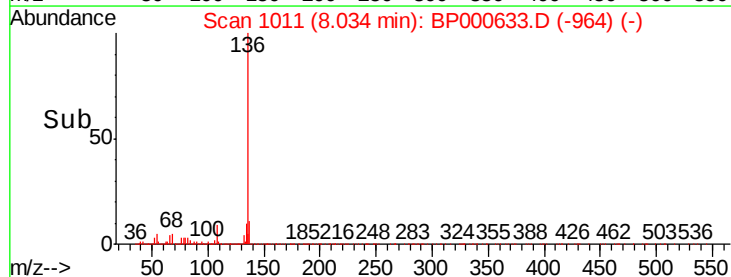
500000

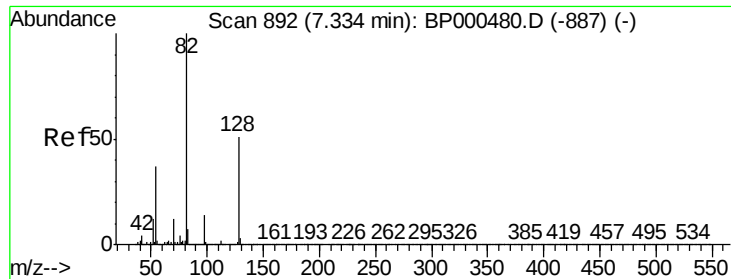
0

7.90 8.00 8.10 8.20

Time-->

8.03

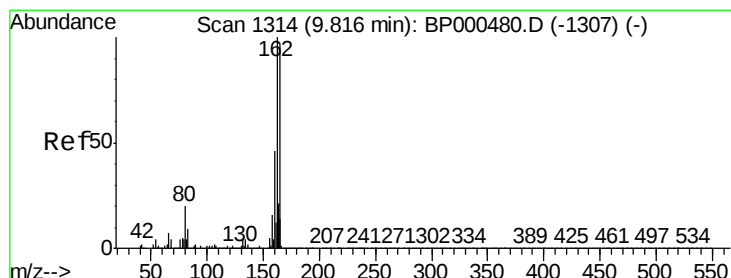
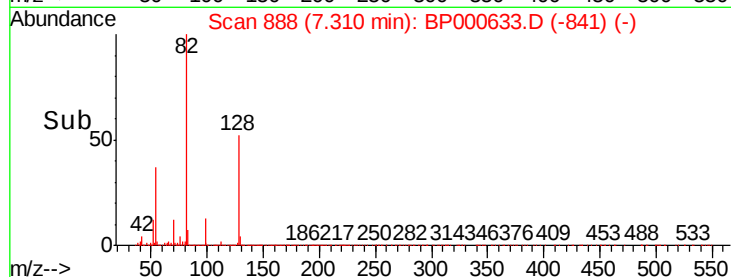
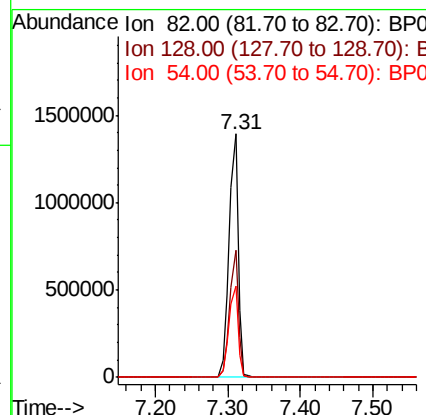
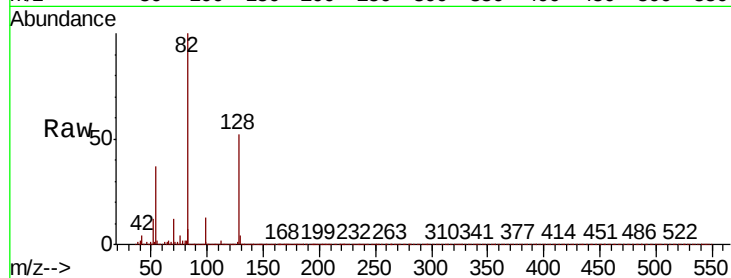




#23
 Nitrobenzene-d5
 Concen: 80.783 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000633.D
 Acq: 11 Oct 2019 15:58

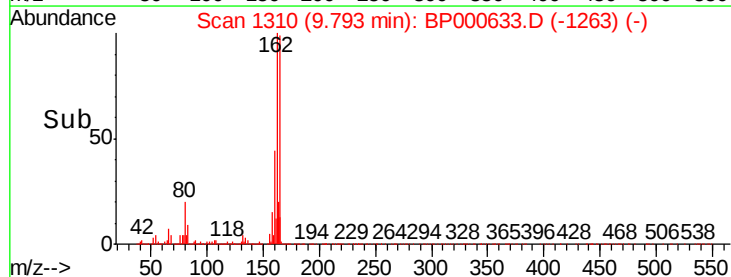
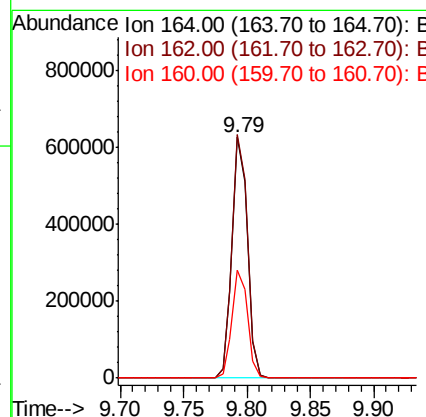
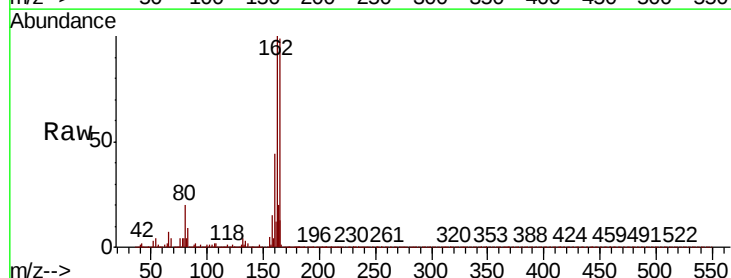
Instrument :
 BNA_P
 ClientSampleId :

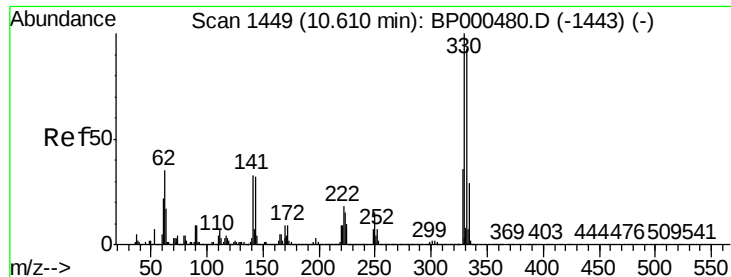
Tot Ion	82	Resp	1229875
Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.9	61.3
54	37.4	29.4	44.2



#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

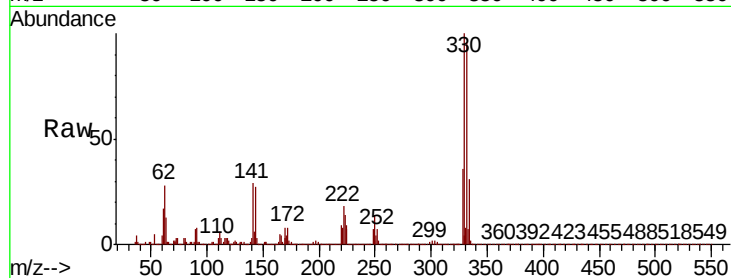




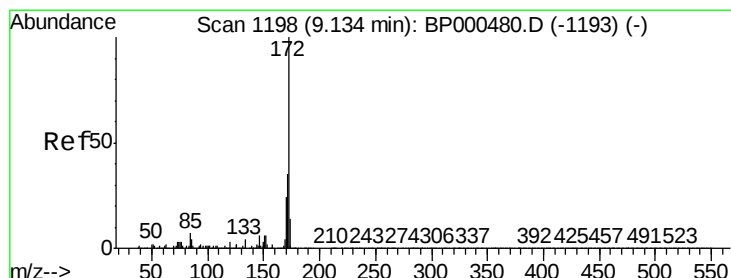
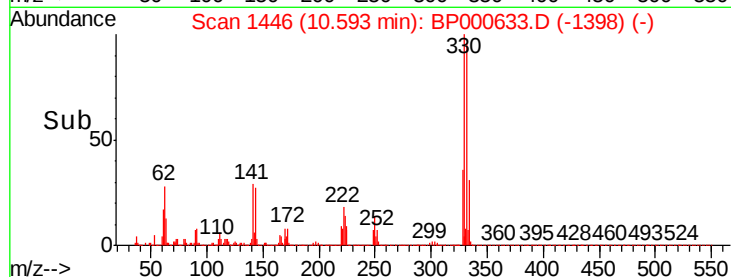
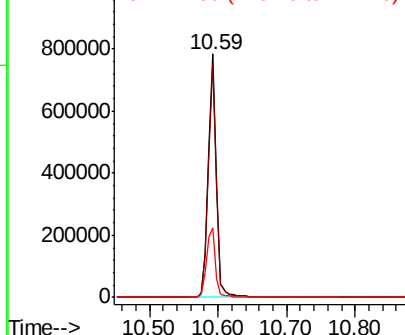
#42
2,4,6-Tribromophenol
Concen: 120.624 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000633.D
Acq: 11 Oct 2019 15:58

Instrument :
BNA_P
ClientSampleId :

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

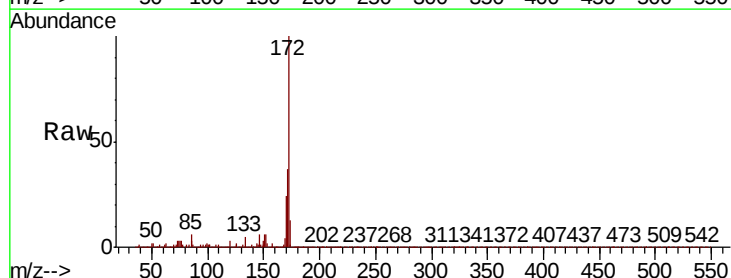


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

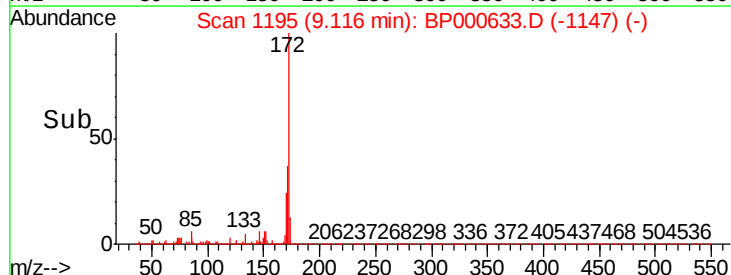
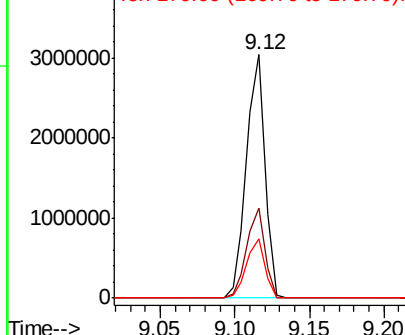


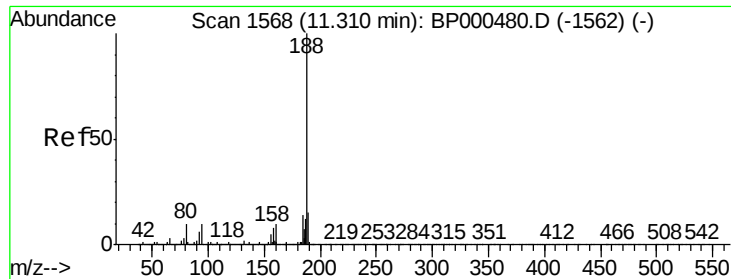
#45
2-Fluorobiphenyl
Concen: 80.698 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000633.D
Acq: 11 Oct 2019 15:58

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 :

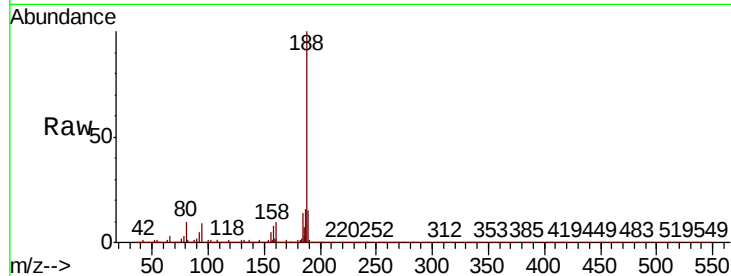
Tot Ion:188 Resp: 1015217

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.6	8.3	12.5

188 100

94 9.5 8.2 12.2

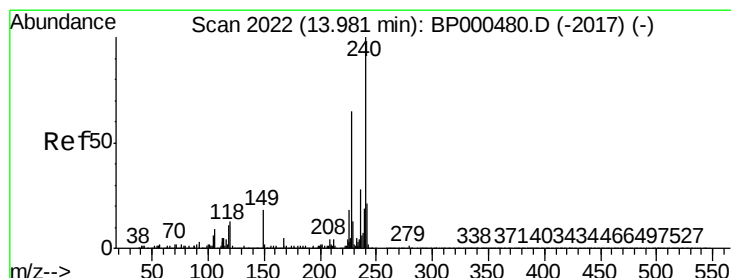
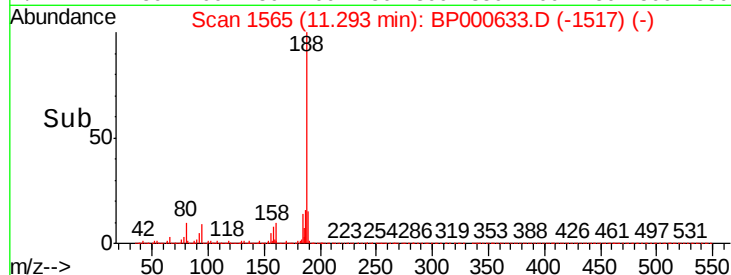
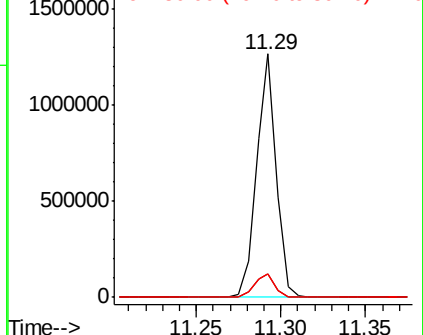
80 9.6 8.3 12.5



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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000633.D

Acq: 11 Oct 2019 15:58

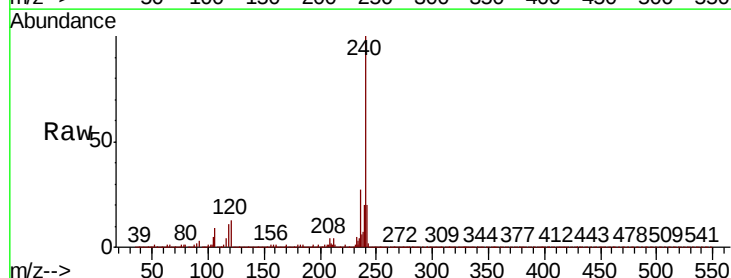
Tgt Ion:240 Resp: 887000

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.1	15.1
236	27.0	22.7	34.1

240 100

120 12.9 10.1 15.1

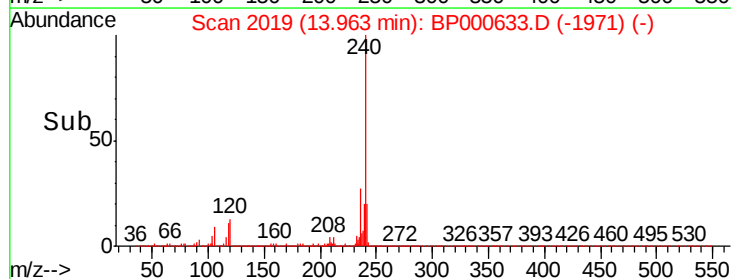
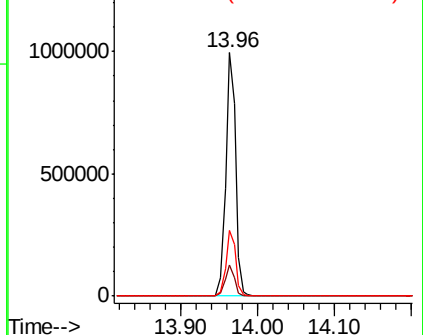
236 27.0 22.7 34.1

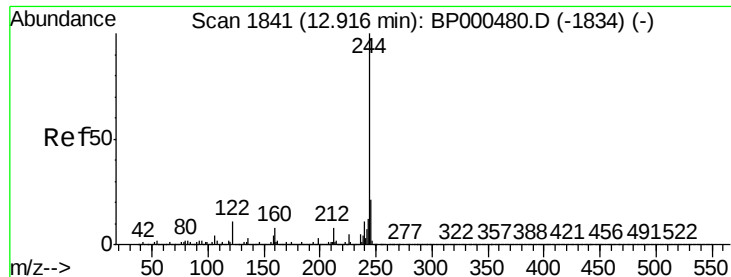


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 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 :

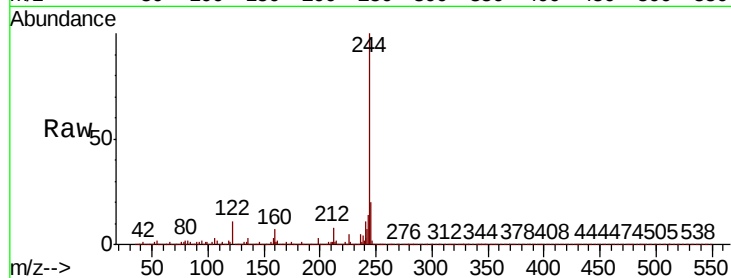
Tot Ion:244 Resp: 3329822

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

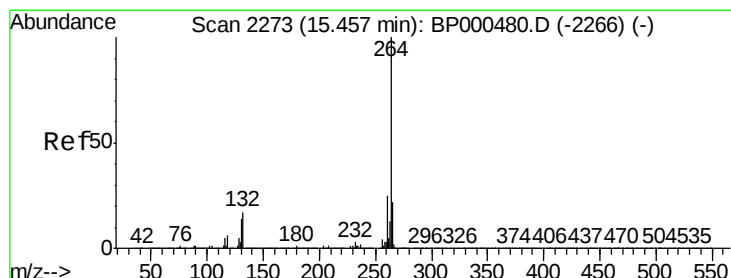
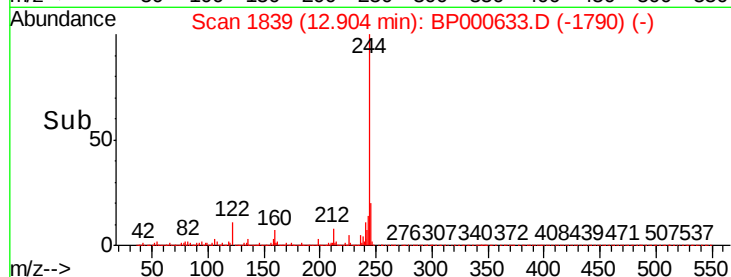
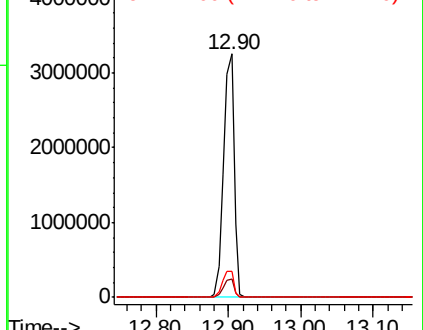
122 10.5 8.9 13.3



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

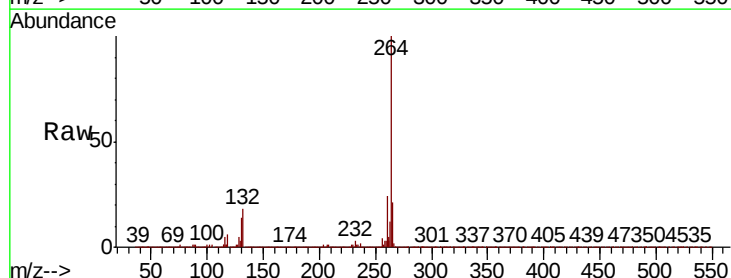
Tgt Ion:264 Resp: 936483

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

