

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000539.D
 Acq On : 07 Oct 2019 13:41
 Operator : JU
 Sample : PB123680BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123680BL

Quant Time: Oct 07 16:39:00 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	6.76	152	242052	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	867581	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	485539	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	916995	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	832689	20.00	ng	-0.01
87) Perylene-d12	15.45	264	909972	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1569776	104.25	ng	0.00
7) Phenol-d6	6.40	99	2010660	110.81	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1089388	76.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	605422	117.01	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2460323	81.99	ng	-0.01
79) Terphenyl-d14	12.91	244	3207316	77.99	ng	0.00

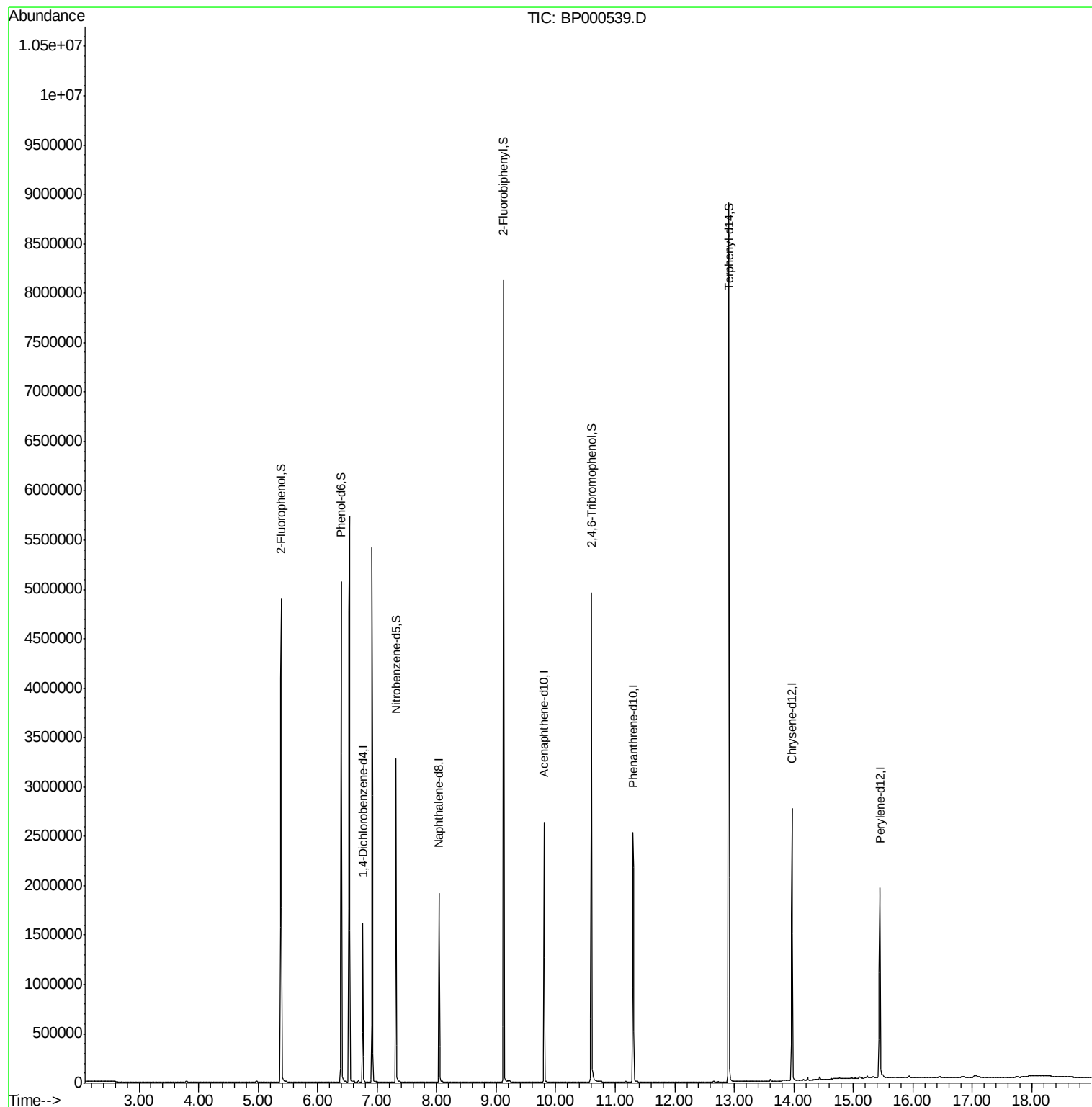
Target Compounds Qvalue

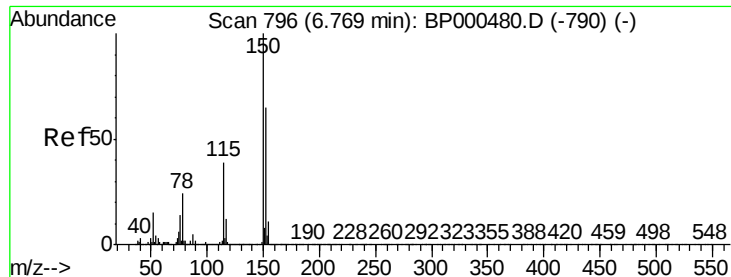
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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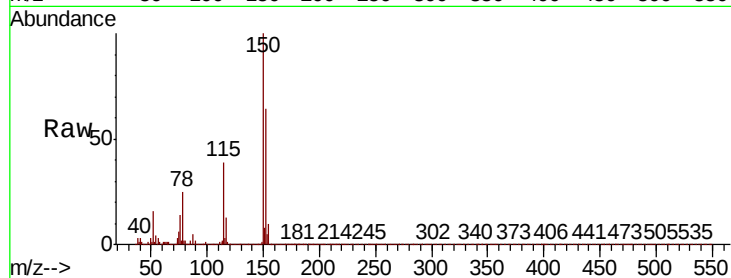


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Instrument :
BNA_P
ClientSampleId :
PB123680BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	60.6	48.7	73.1

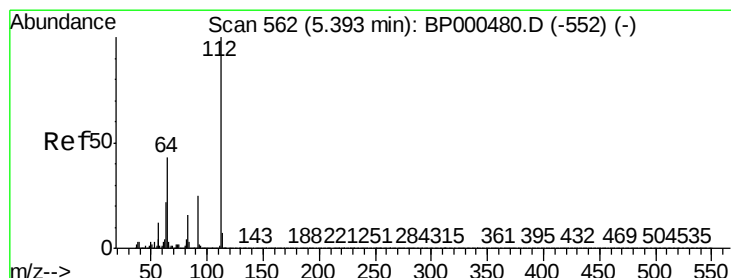
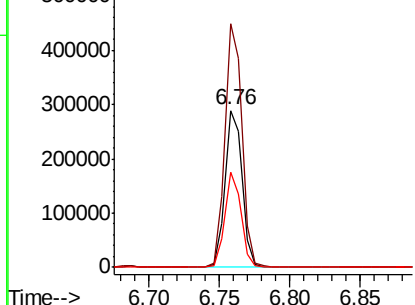
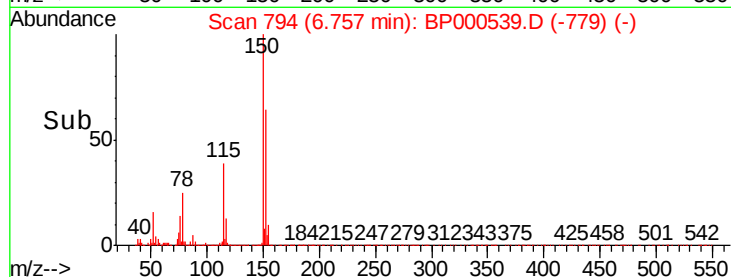


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

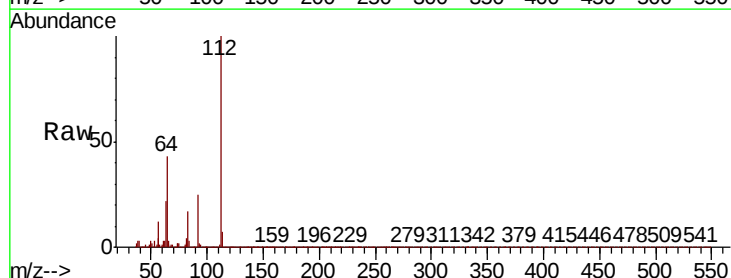
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.247 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.0	34.2	51.4
63	21.9	17.9	26.9

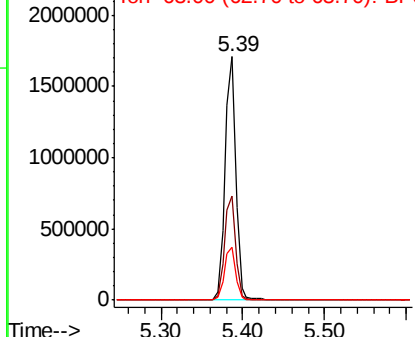
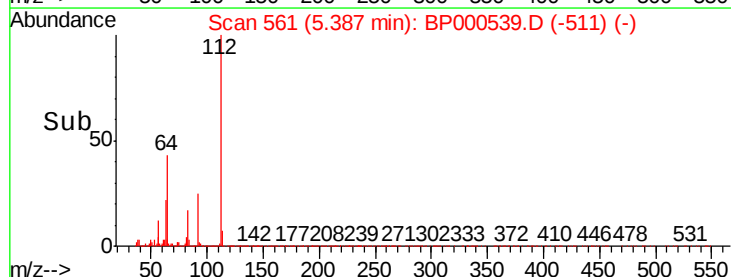


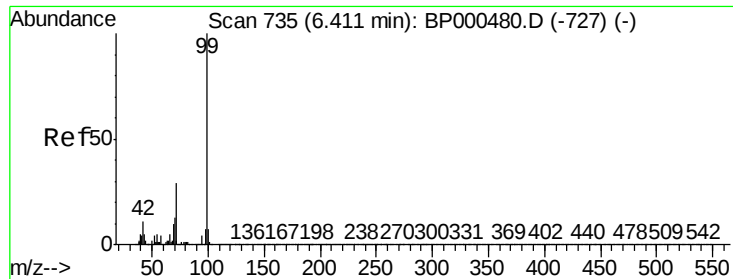
Abundance

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: 110.806 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

Instrument :

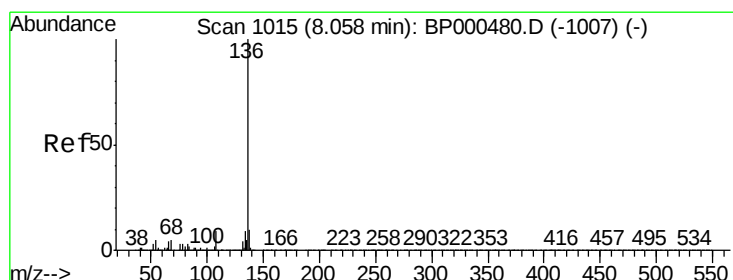
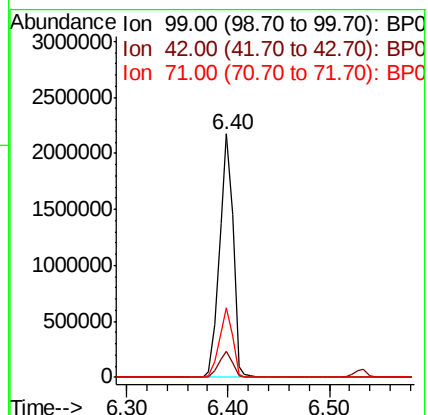
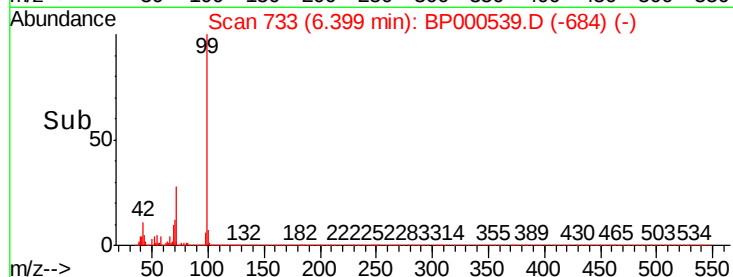
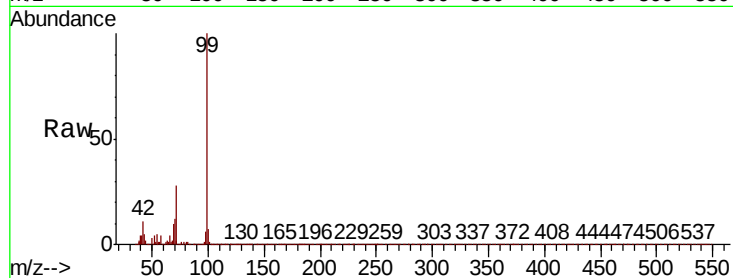
BNA_P

ClientSampleId :

PB123680BL

Tot Ion: 99 Resp: 2010660

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	12.8
71	28.4	23.0	34.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

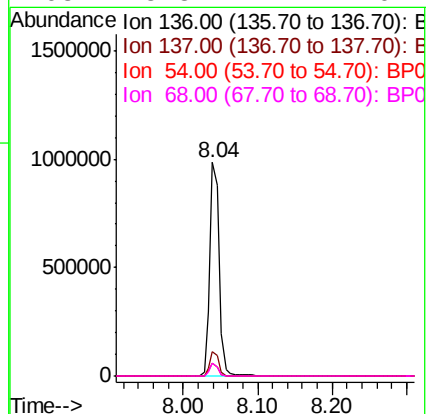
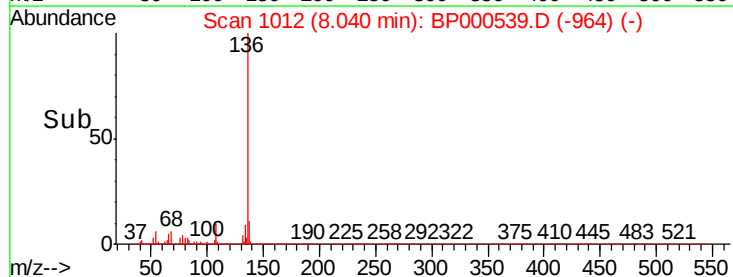
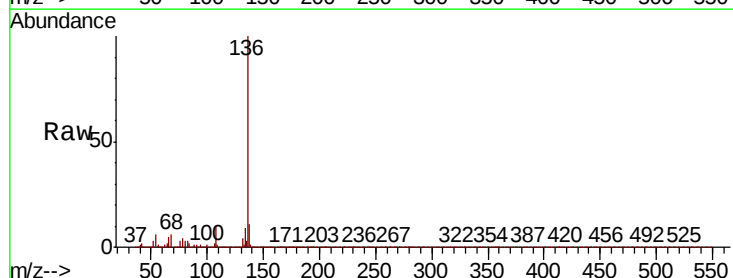
Delta R.T. -0.02 min

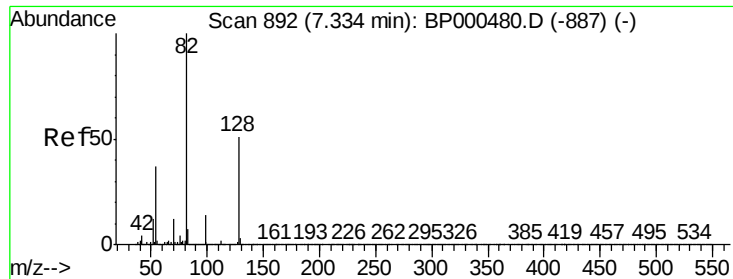
Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

Tgt Ion: 136 Resp: 867581

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.2	4.1	6.1#
68	5.8	4.1	6.1



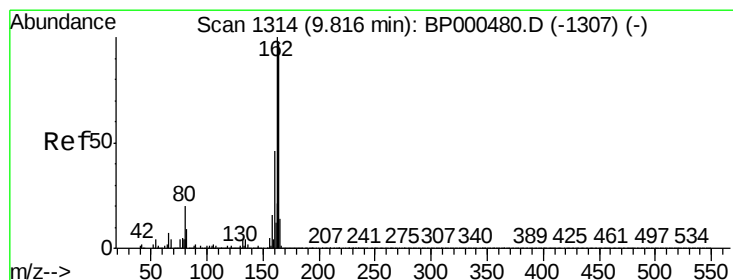
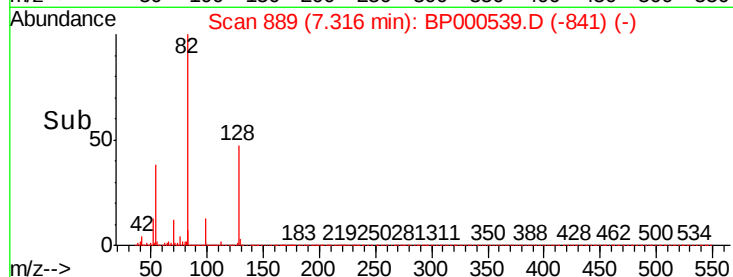
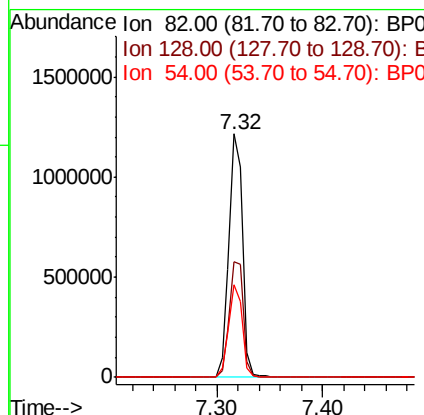
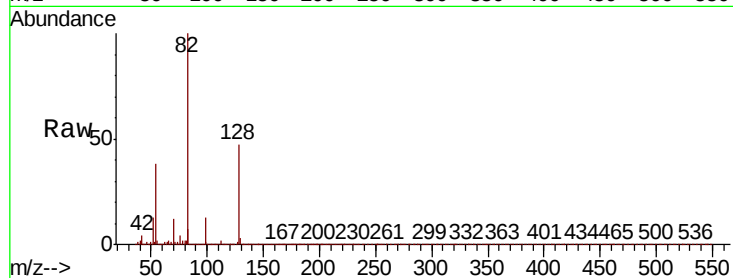


#23
 Nitrobenzene-d5
 Concen: 76.690 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BP000539.D
 Acq: 07 Oct 2019 13:41

Instrument :
 BNA_P
 ClientSampleId :
 PB123680BL

Tot Ion: 82 Resp: 1089388

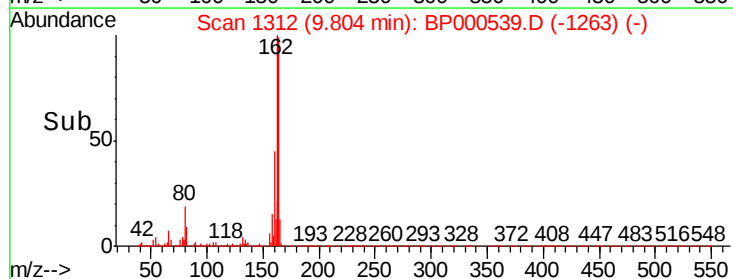
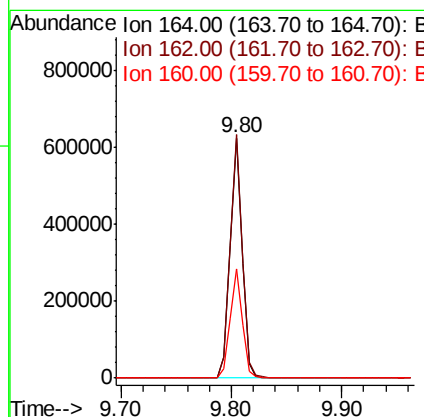
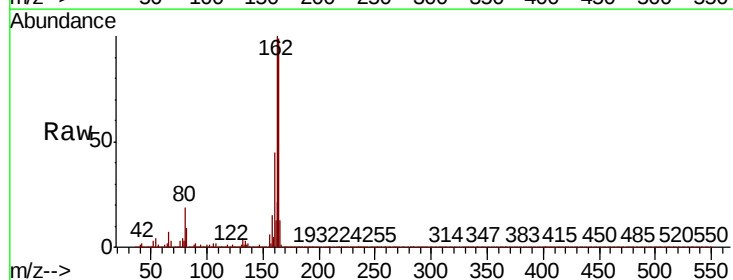
Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.9	61.3
54	38.0	29.4	44.2

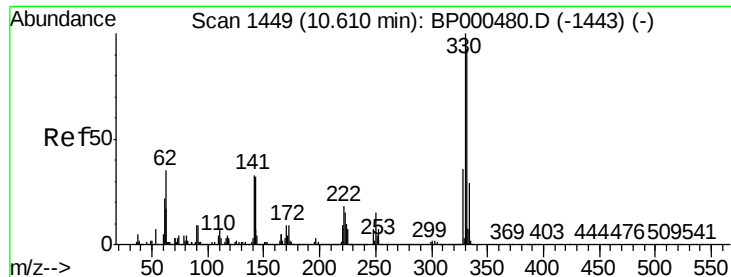


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BP000539.D
 Acq: 07 Oct 2019 13:41

Tgt Ion: 164 Resp: 485539

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.2
160	45.6	37.6	56.4

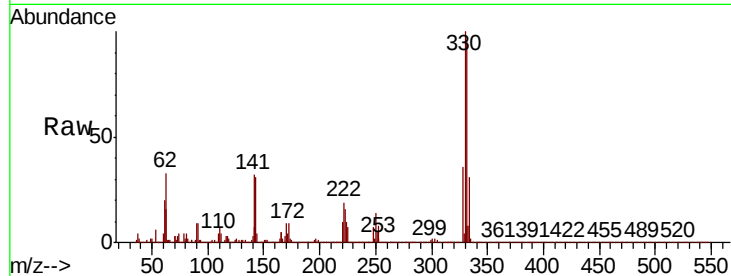




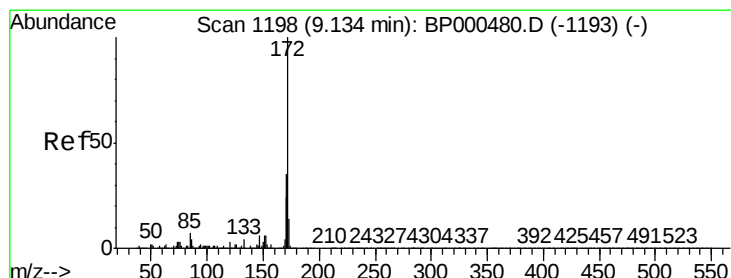
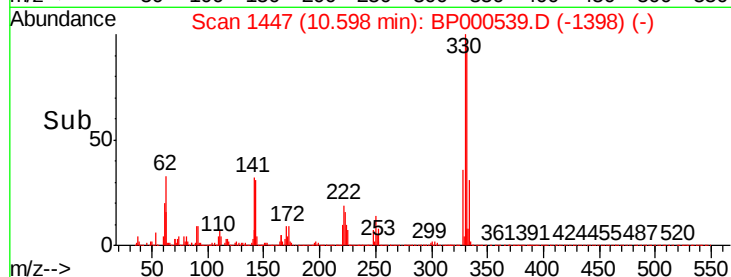
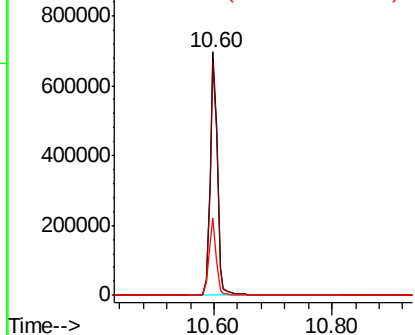
#42
2,4,6-Tribromophenol
Concen: 117.013 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Instrument :
BNA_P
ClientSampleId :
PB123680BL

Tot Ion:330 Resp: 605422
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 32.2 26.0 39.0

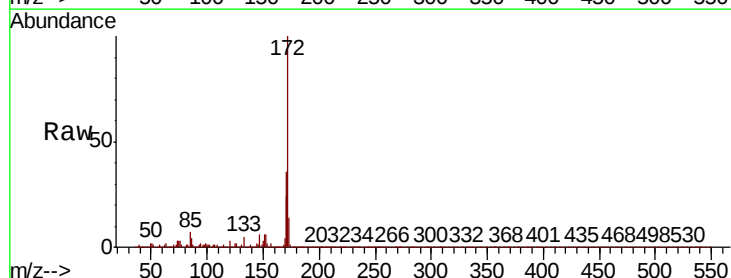


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

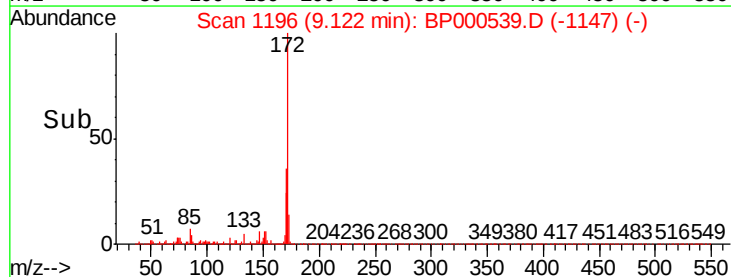
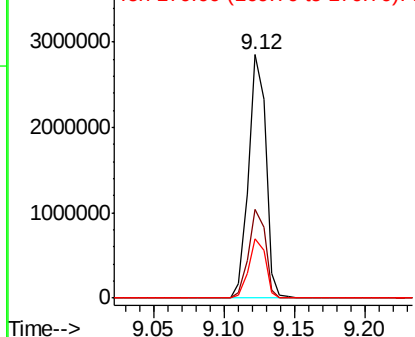


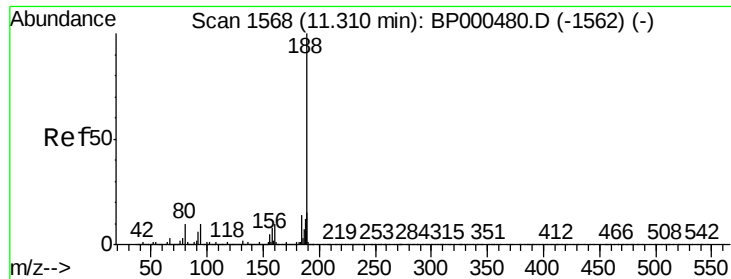
#45
2-Fluorobiphenyl
Concen: 81.987 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Tgt Ion:172 Resp: 2460323
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.4 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

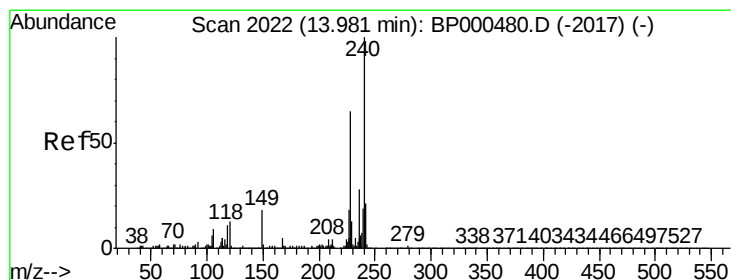
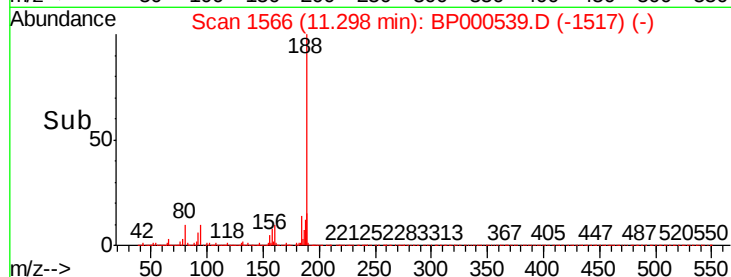
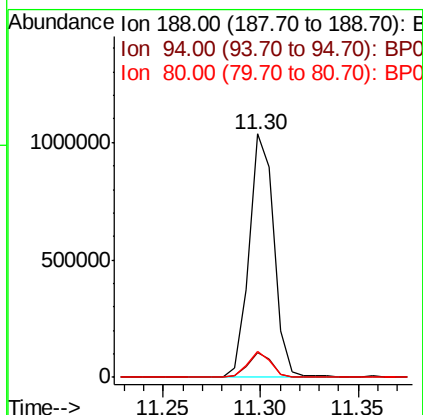
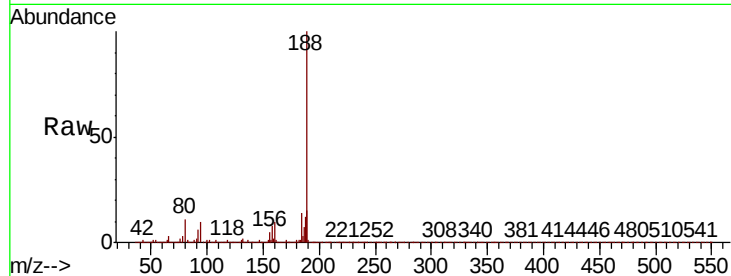




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

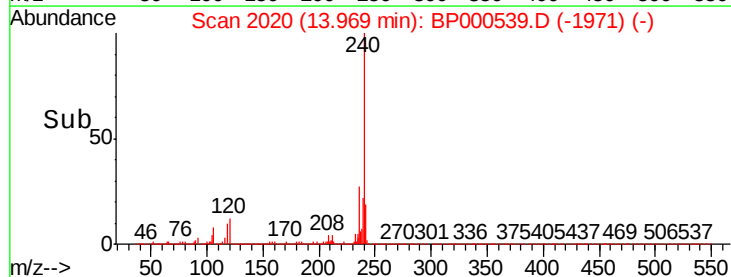
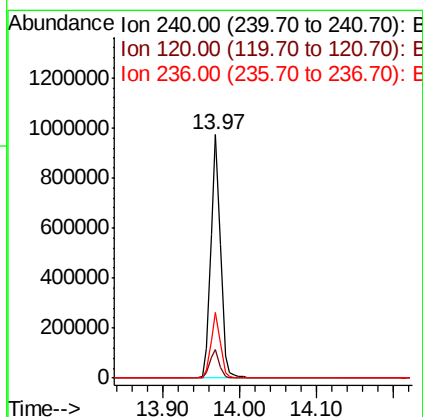
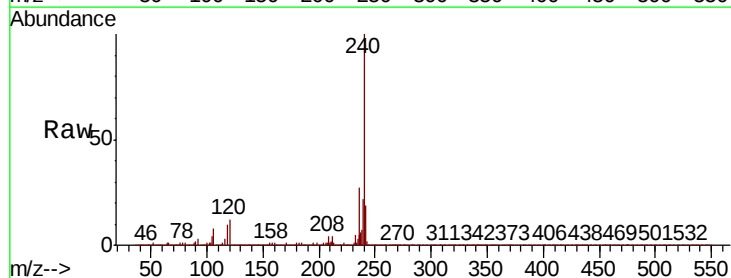
Instrument :
BNA_P
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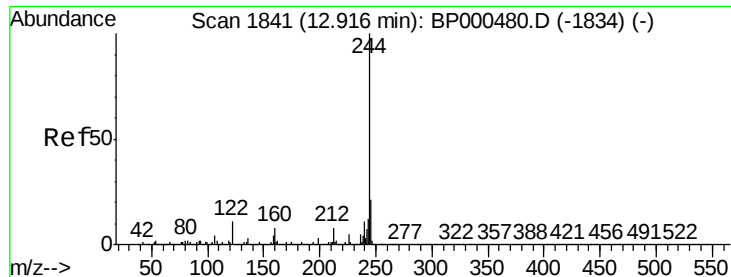
Tot Ion:188 Resp: 916995
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.5 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000539.D
Acq: 07 Oct 2019 13:41

Tgt Ion:240 Resp: 832689
Ion Ratio Lower Upper
240 100
120 11.6 10.1 15.1
236 27.2 22.7 34.1





#79

Terphenyl-d14

Concen: 77.988 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

Instrument :

BNA_P

ClientSampleId :

PB123680BL

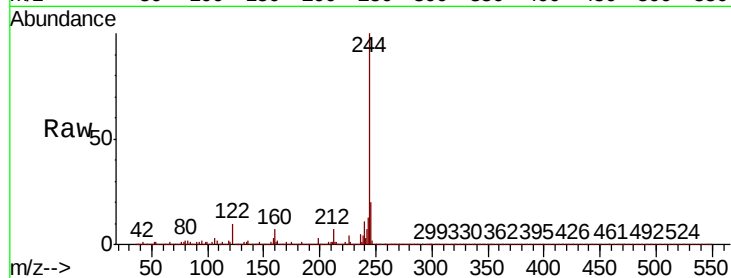
Tot Ion:244 Resp: 3207316

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

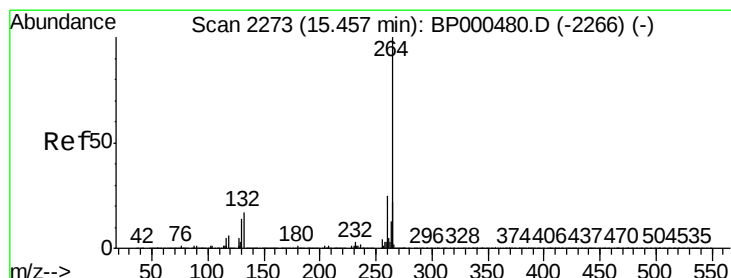
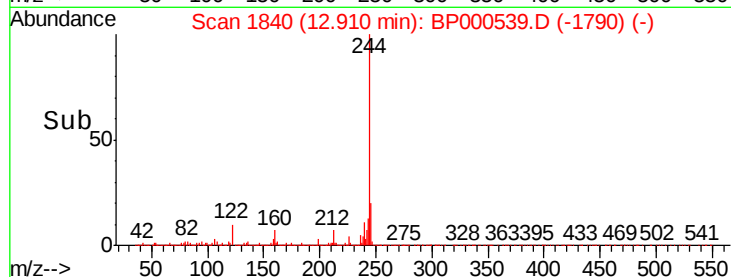
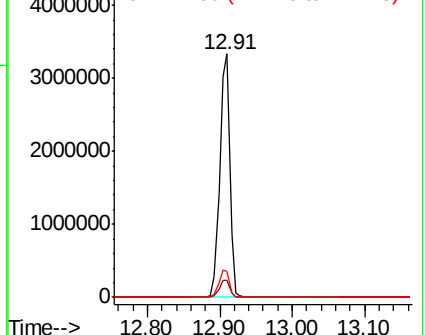
122 10.4 8.9 13.3



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: 15.45 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BP000539.D

Acq: 07 Oct 2019 13:41

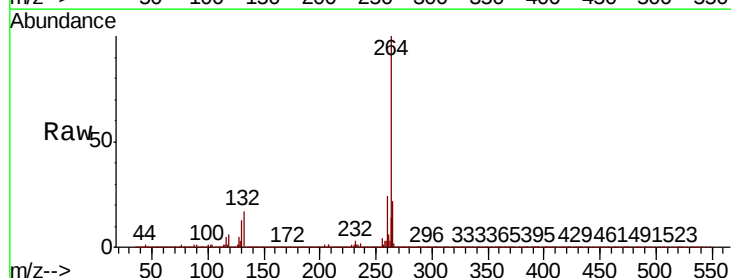
Tgt Ion:264 Resp: 909972

Ion Ratio Lower Upper

264 100

260 24.2 20.3 30.5

265 21.9 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

