

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001481.D
 Acq On : 28 Dec 2019 18:02
 Operator : JU
 Sample : PB125772BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125772BL

Quant Time: Dec 29 08:20:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	21042	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	75692	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	47674	20.00	ng	-0.01
64) Phenanthrene-d10	15.57	188	96491	20.00	ng	-0.01
76) Chrysene-d12	19.21	240	83517	20.00	ng	-0.02
87) Perylene-d12	20.97	264	88841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	147456	113.26	ng	0.00
7) Phenol-d6	7.74	99	200353	117.93	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133698	67.83	ng	-0.02
42) 2,4,6-Tribromophenol	14.46	330	69953	117.36	ng	-0.02
45) 2-Fluorobiphenyl	12.09	172	283470	75.19	ng	-0.01
79) Terphenyl-d14	17.86	244	407276	83.52	ng	-0.01

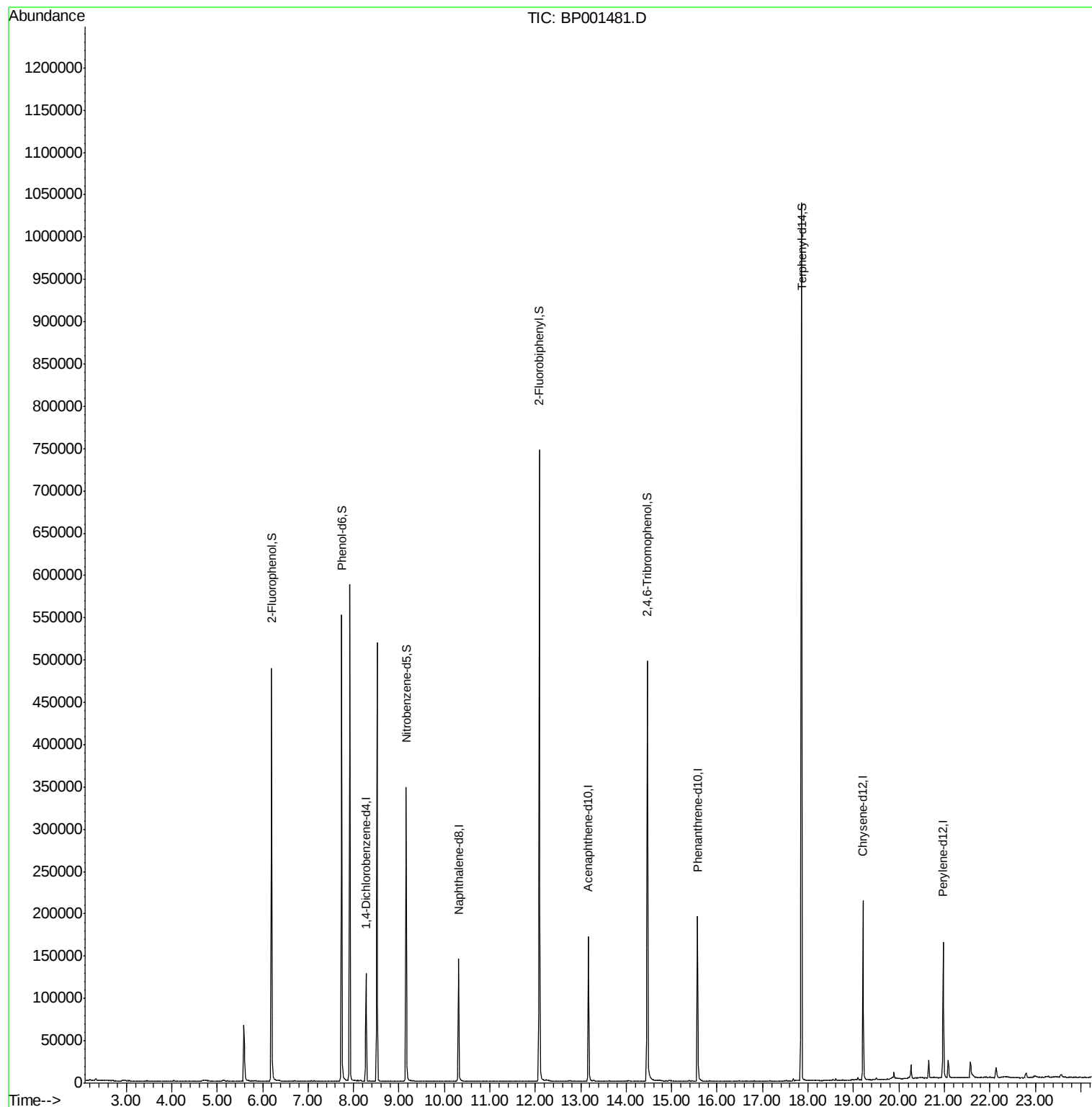
Target Compounds Qvalue

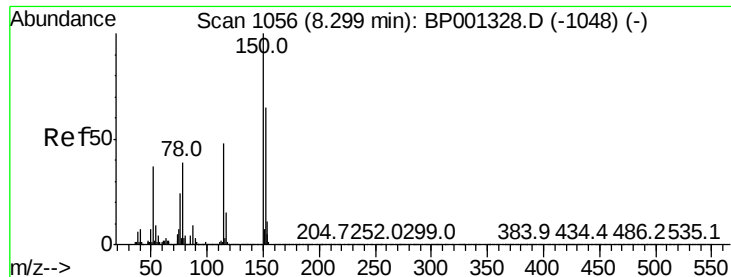
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 16:04:49 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

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BNA_P

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PB125772BL

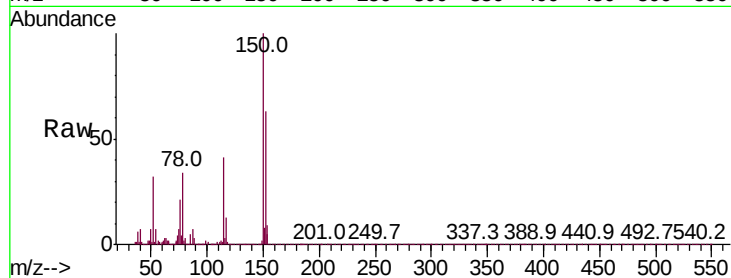
Tot Ion:152 Resp: 21042

Ion Ratio Lower Upper

152 100

150 158.4 127.0 190.6

115 65.6 56.1 84.1

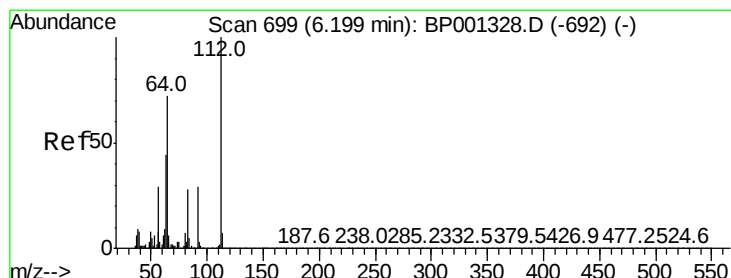
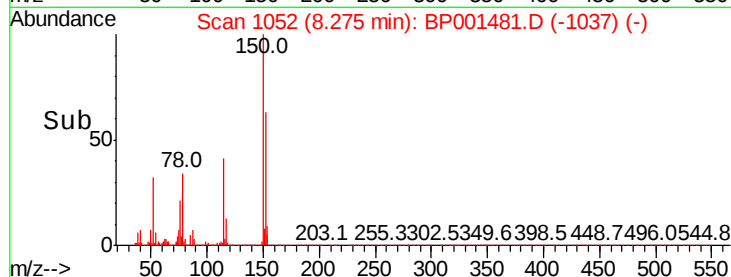
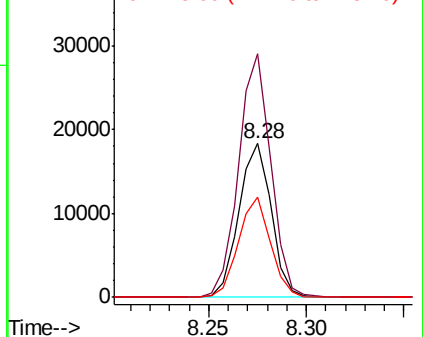


Abundance

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: 113.258 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

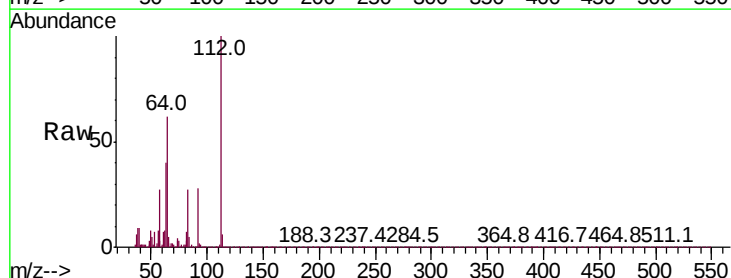
Tgt Ion:112 Resp: 147456

Ion Ratio Lower Upper

112 100

64 61.6 53.9 80.9

63 39.6 33.4 50.0

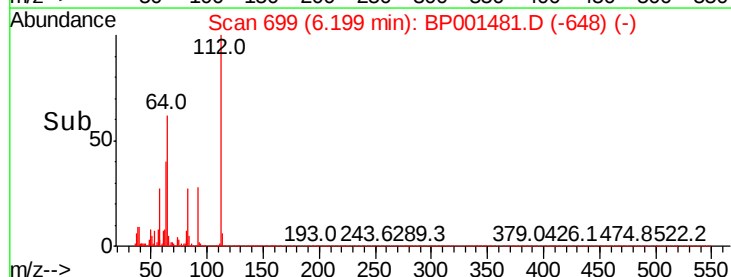
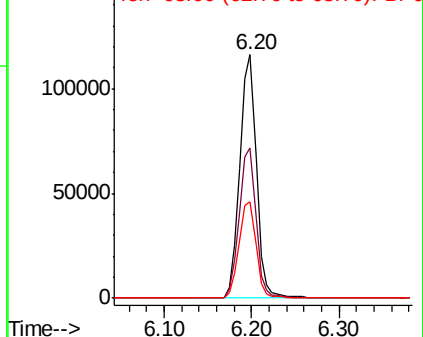


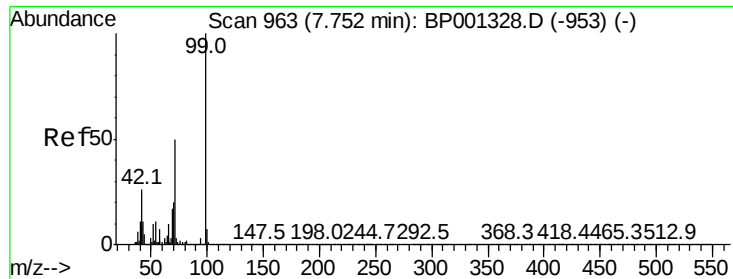
Abundance

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: 117.933 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Instrument :

BNA_P

ClientSampleId :

PB125772BL

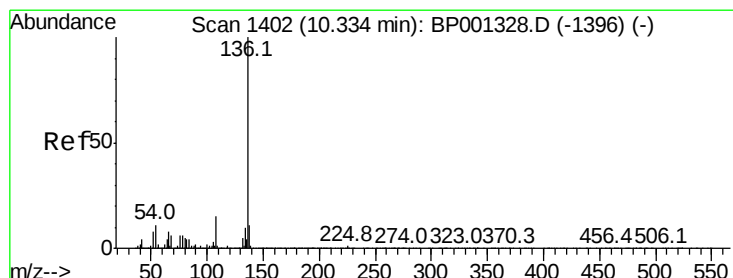
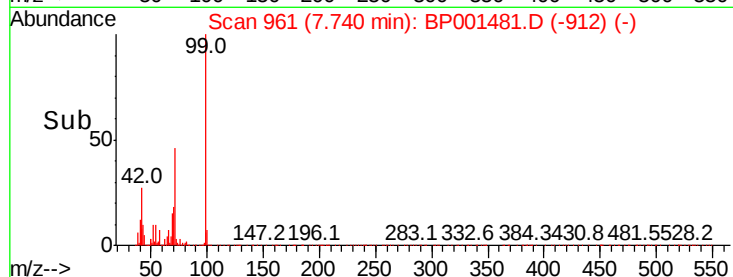
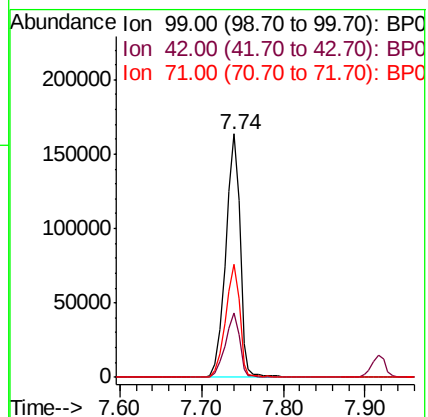
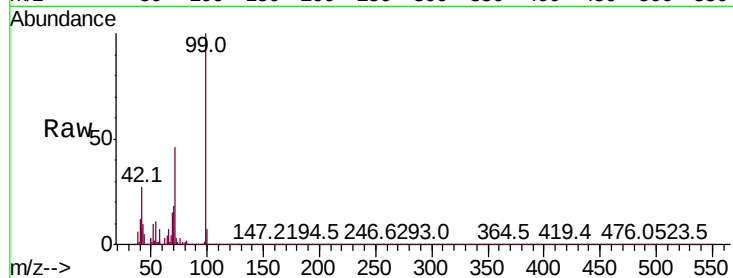
Tot Ion: 99 Resp: 200353

Ion Ratio Lower Upper

99 100

42 26.6 20.8 31.2

71 46.2 38.2 57.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Tgt Ion: 136 Resp: 75692

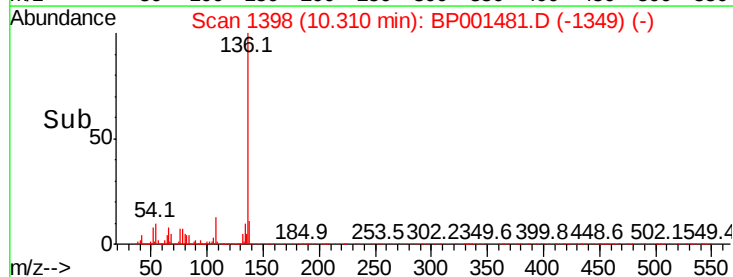
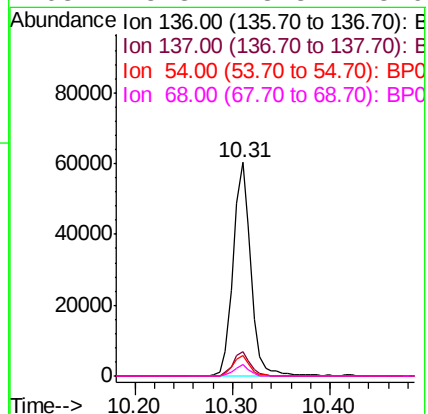
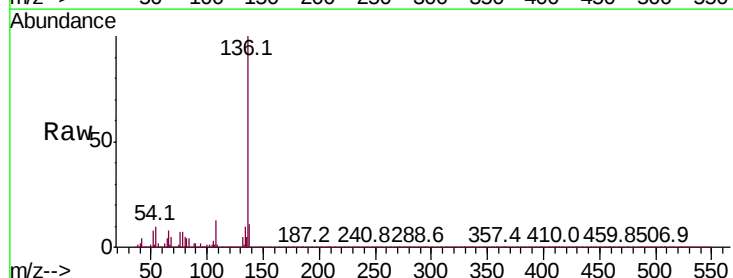
Ion Ratio Lower Upper

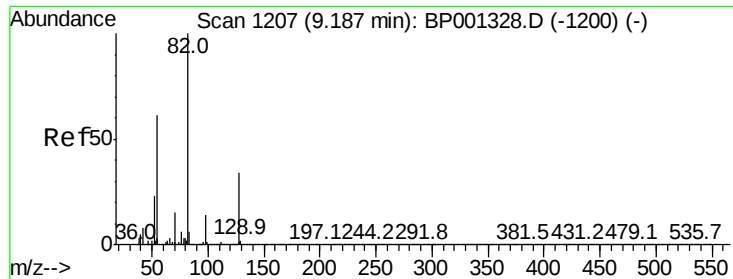
136 100

137 11.2 9.0 13.4

54 9.6 7.3 10.9

68 5.3 3.8 5.6

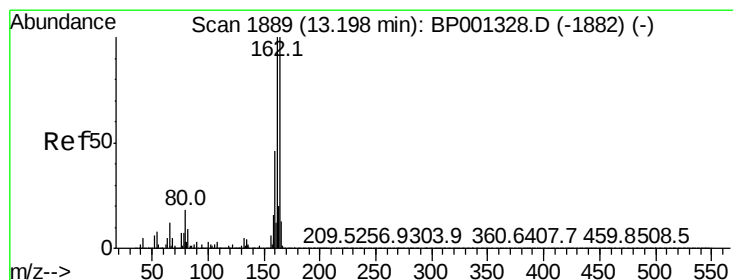
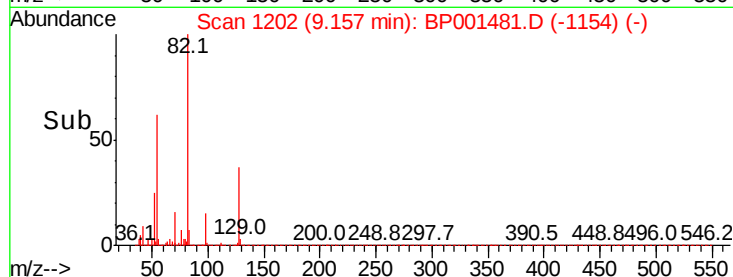
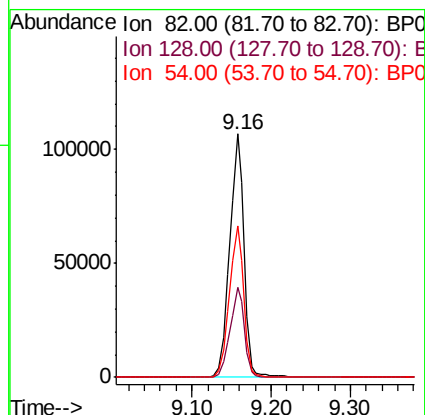
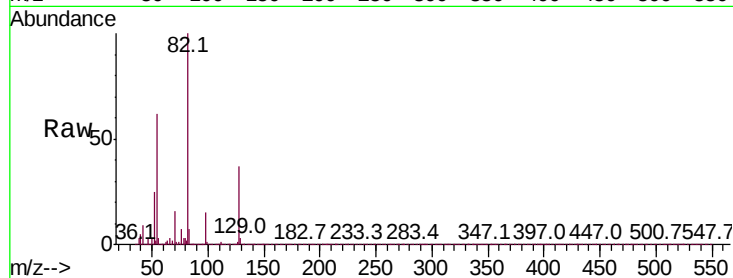




#23
 Nitrobenzene-d5
 Concen: 67.830 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BP001481.D
 Acq: 28 Dec 2019 18:02

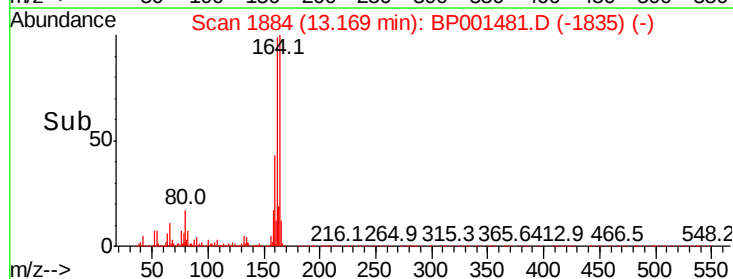
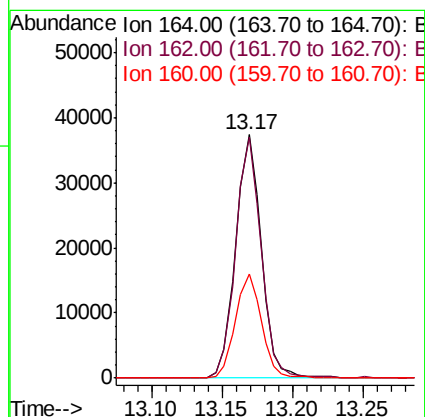
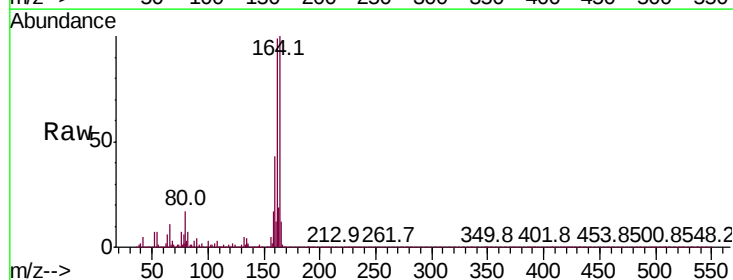
Instrument :
 BNA_P
 ClientSampleId :
 PB125772BL

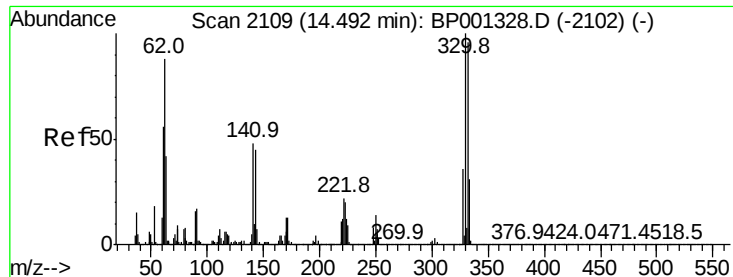
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	27.4	41.0
54	62.0	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.17 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BP001481.D
 Acq: 28 Dec 2019 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.2	117.4
160	42.9	35.1	52.7



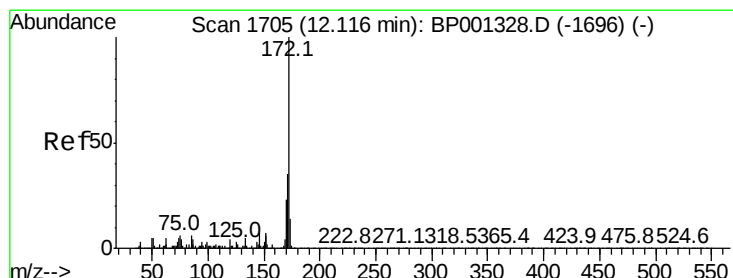
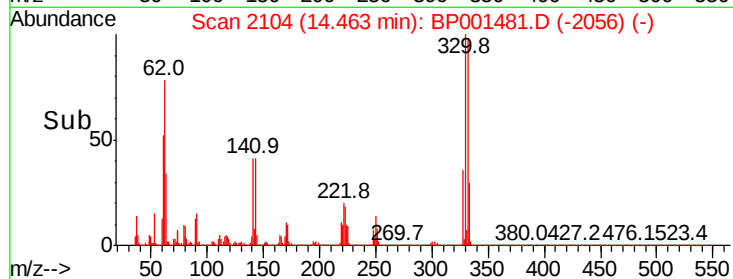
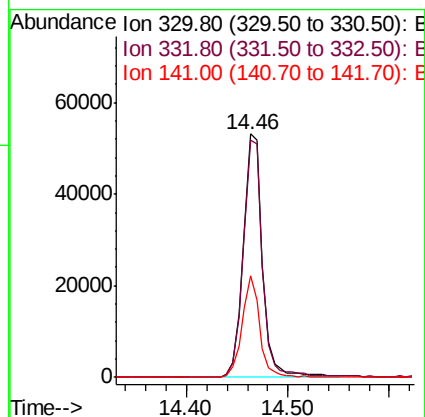
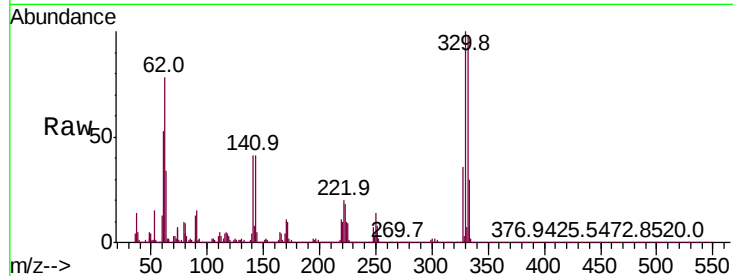


#42
 2,4,6-Tribromophenol
 Concen: 117.364 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.02 min
 Lab File: BP001481.D
 Acq: 28 Dec 2019 18:02

Instrument :
 BNA_P
 ClientSampleId :
 PB125772BL

Tot Ion:330 Resp: 69953

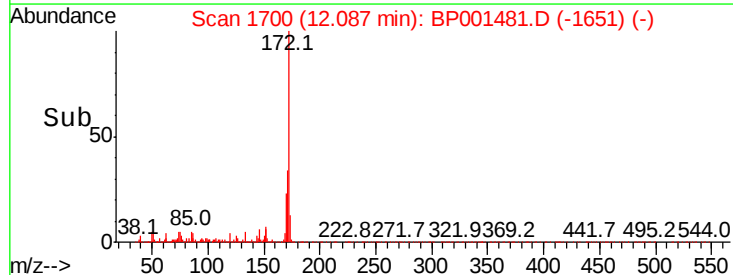
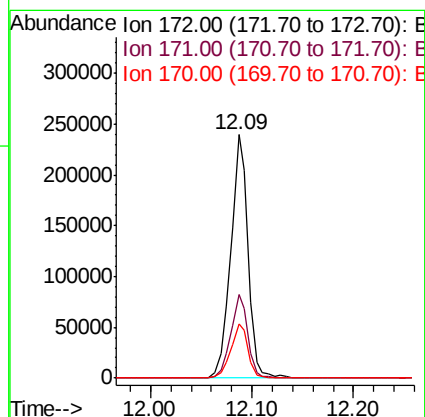
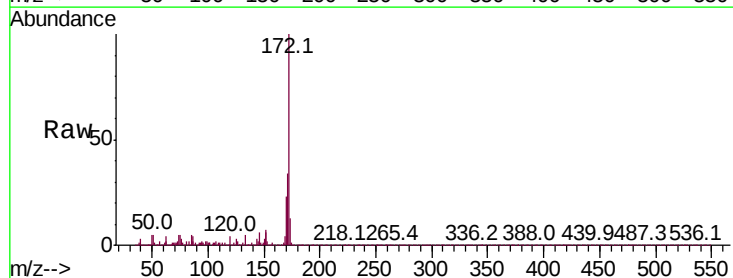
Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.3	117.5
141	38.3	26.8	40.2

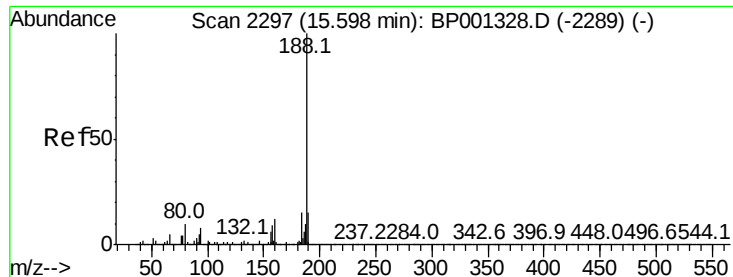


#45
 2-Fluorobiphenyl
 Concen: 75.186 ng
 RT: 12.09 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BP001481.D
 Acq: 28 Dec 2019 18:02

Tgt Ion:172 Resp: 283470

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	22.5	18.2	27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Instrument :

BNA_P

ClientSampleId :

PB125772BL

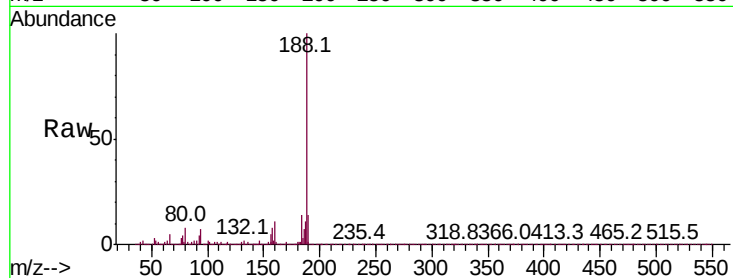
Tot Ion:188 Resp: 96491

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

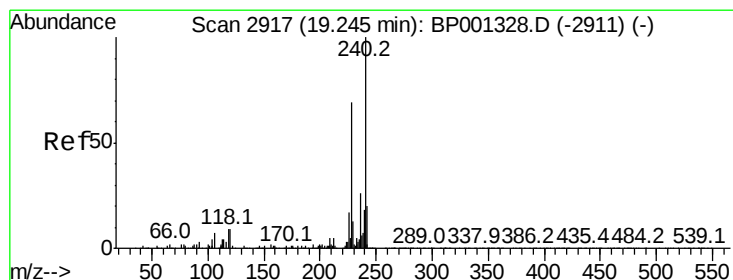
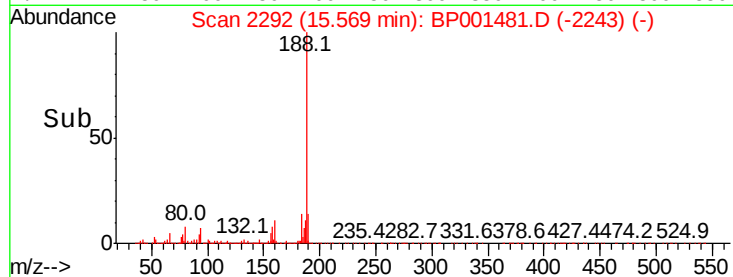
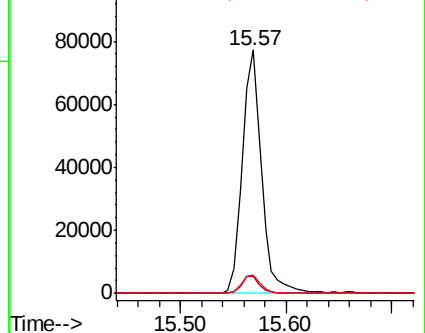
80 7.5 5.7 8.5



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: 19.21 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

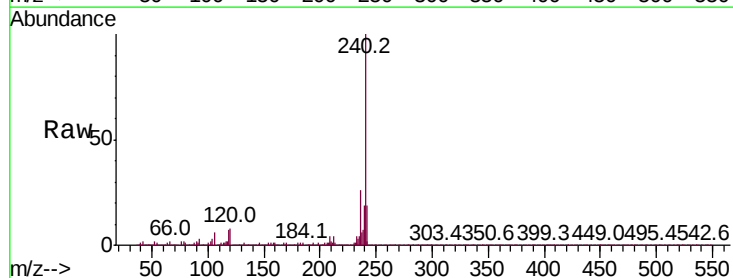
Tgt Ion:240 Resp: 83517

Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.2

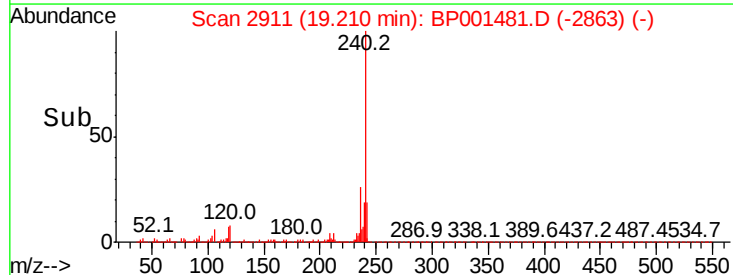
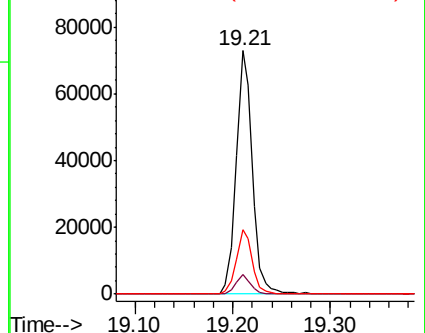
236 26.3 20.2 30.2

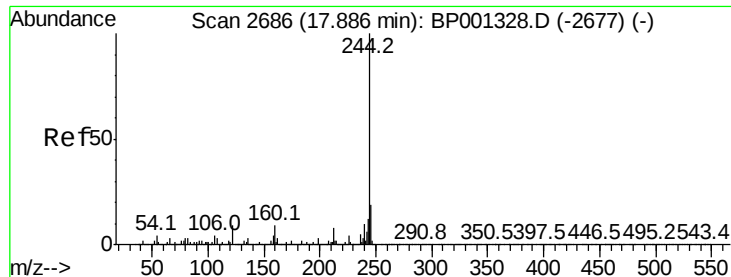


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

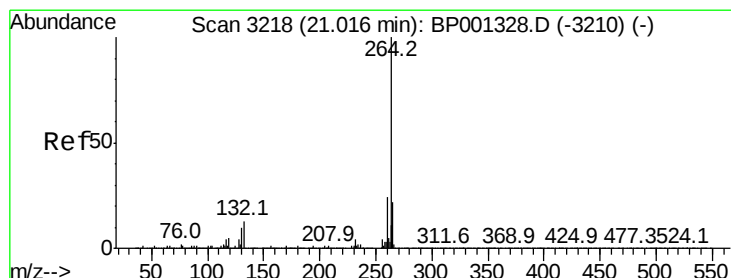
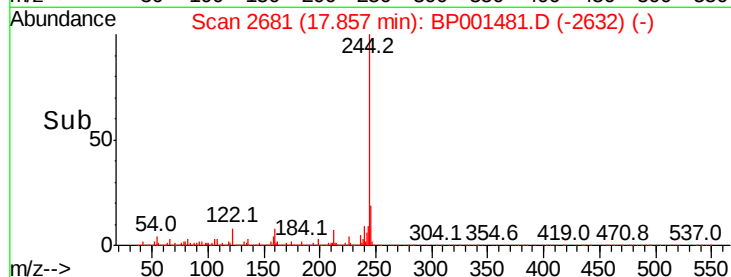
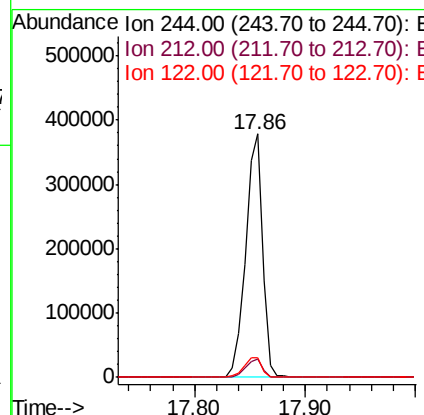
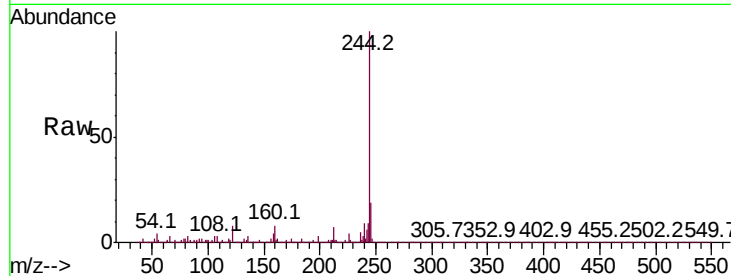




#79
 Terphenyl-d14
 Concen: 83.524 ng
 RT: 17.86 min Scan# 2681
 Delta R.T. -0.01 min
 Lab File: BP001481.D
 Acq: 28 Dec 2019 18:02

Instrument :
 BNA_P
 ClientSampleId :
 PB125772BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.9	6.4	9.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.97 min Scan# 3211
 Delta R.T. -0.02 min
 Lab File: BP001481.D
 Acq: 28 Dec 2019 18:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	21.8	17.0	25.4

