

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001486.D
 Acq On : 28 Dec 2019 20:31
 Operator : JU
 Sample : K6117-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-122619

Quant Time: Dec 29 08:25:13 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	20753	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	75572	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	45642	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	95279	20.00	ng	0.00
76) Chrysene-d12	19.23	240	81668	20.00	ng	0.00
87) Perylene-d12	21.00	264	86006	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	156902	122.19	ng	0.00
7) Phenol-d6	7.74	99	190510	113.70	ng	-0.01
23) Nitrobenzene-d5	9.16	82	164412	83.54	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	88352	154.83	ng	0.00
45) 2-Fluorobiphenyl	12.09	172	323512	89.63	ng	0.00
79) Terphenyl-d14	17.87	244	500114	104.89	ng	0.00

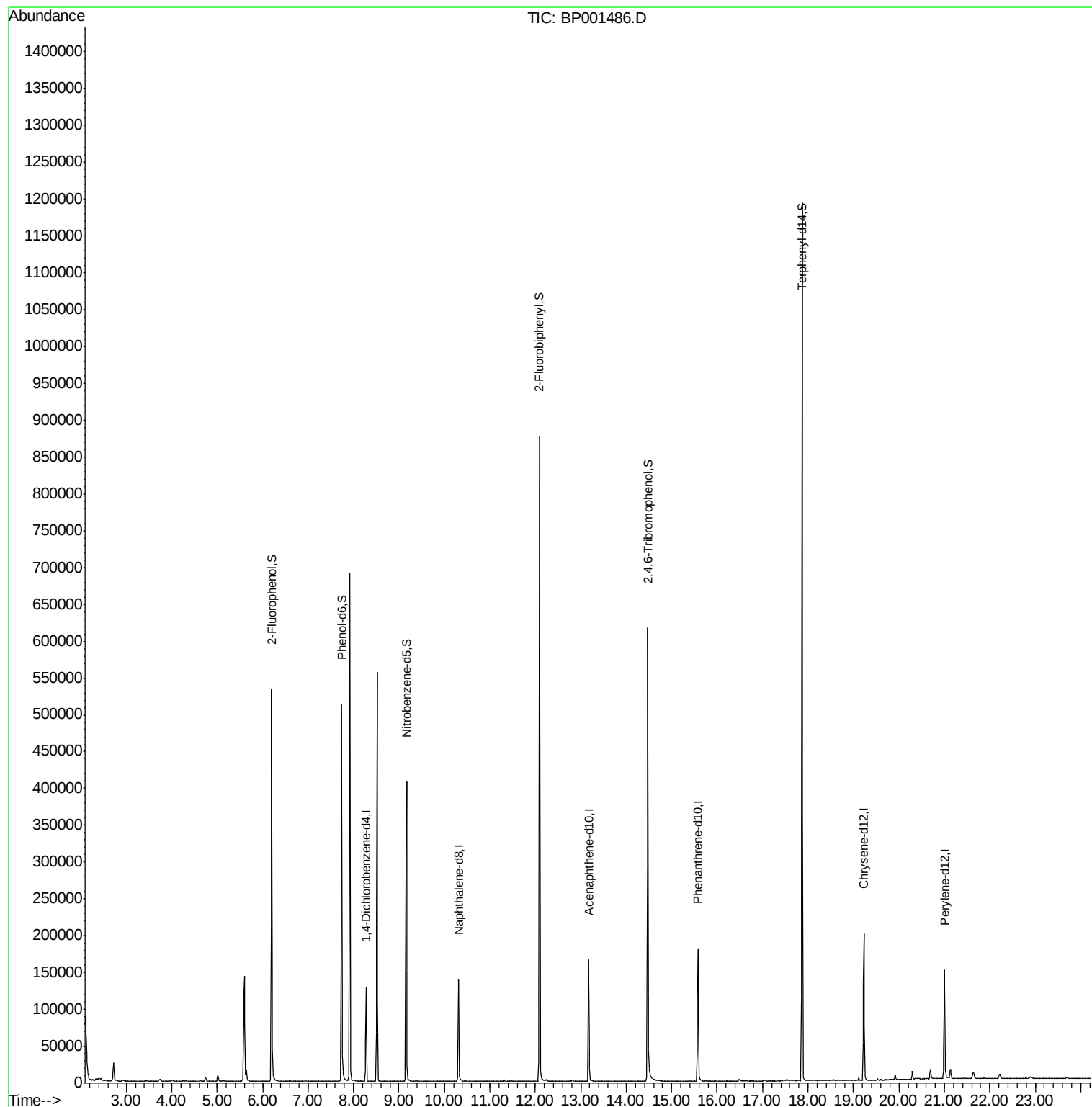
Target Compounds Qvalue

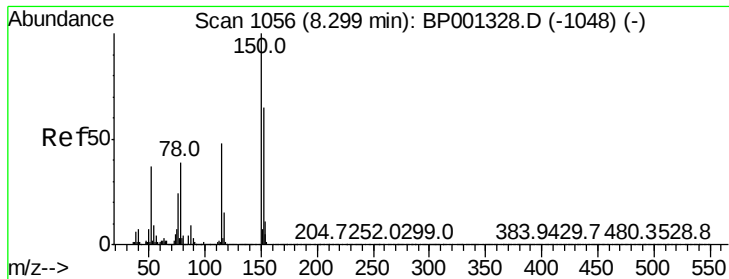
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BP001486.D

Acq: 28 Dec 2019 20:31

Instrument :

BNA_P

ClientSampleId :

TR-05-122619

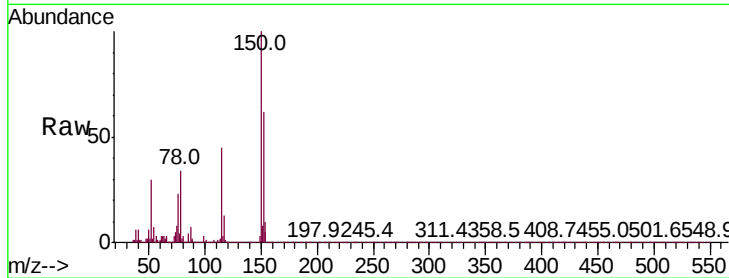
Tot Ion:152 Resp: 20753

Ion Ratio Lower Upper

152 100

150 161.6 127.0 190.6

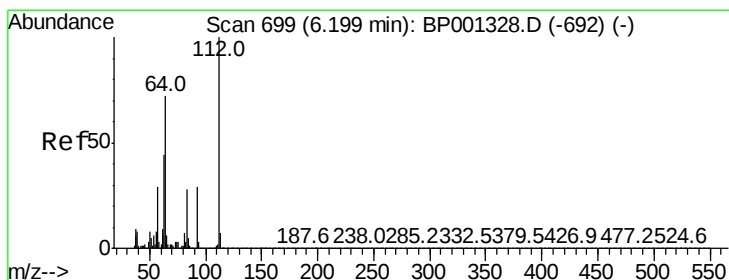
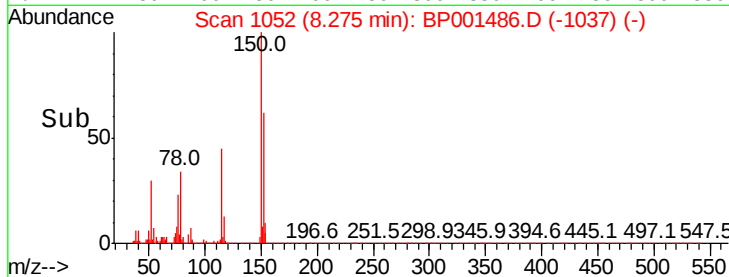
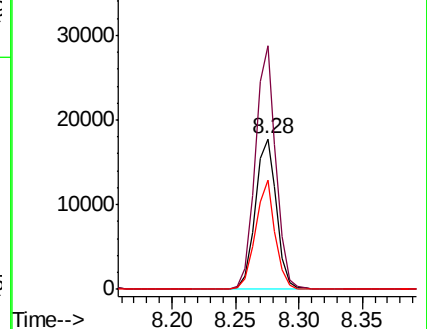
115 72.6 56.1 84.1



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: 122.191 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BP001486.D

Acq: 28 Dec 2019 20:31

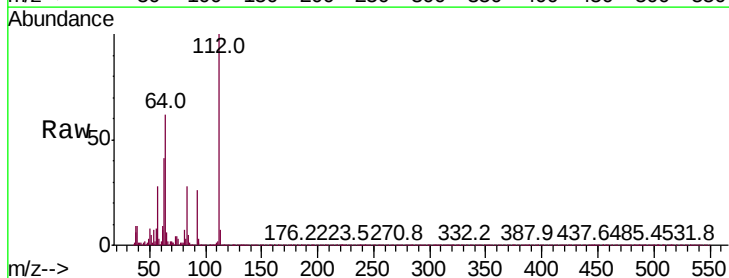
Tgt Ion:112 Resp: 156902

Ion Ratio Lower Upper

112 100

64 62.3 53.9 80.9

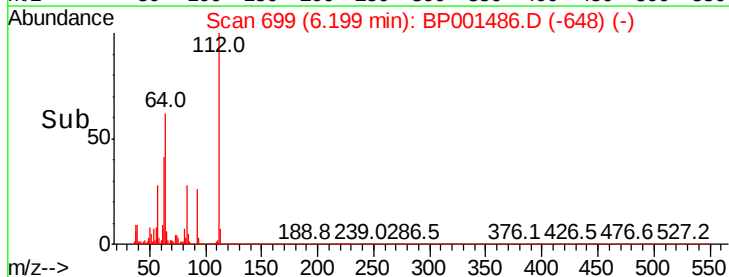
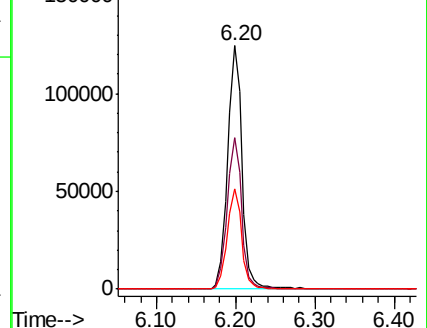
63 41.3 33.4 50.0

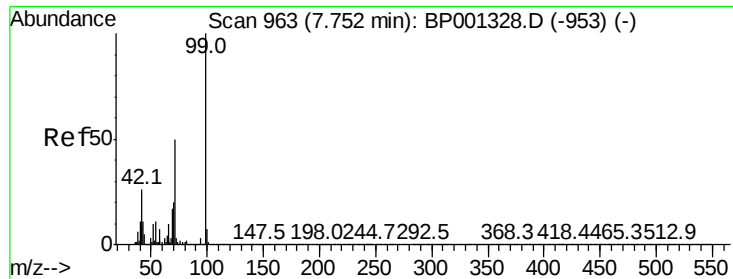


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 113.700 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001486.D

Acq: 28 Dec 2019 20:31

Instrument :

BNA_P

ClientSampleId :

TR-05-122619

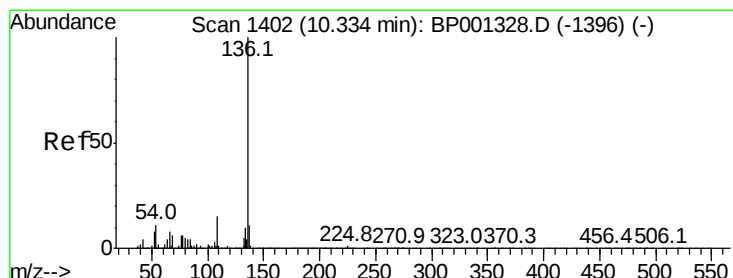
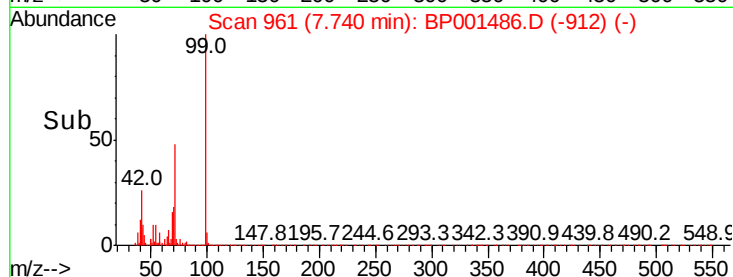
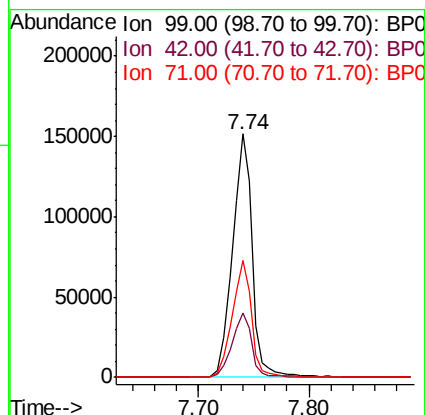
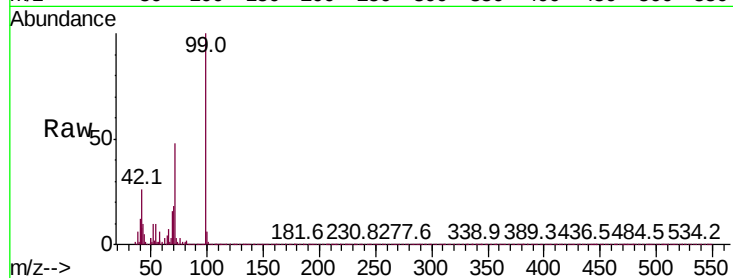
Tot Ion: 99 Resp: 190510

Ion Ratio Lower Upper

99 100

42 26.3 20.8 31.2

71 48.0 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: BP001486.D

Acq: 28 Dec 2019 20:31

Tgt Ion: 136 Resp: 75572

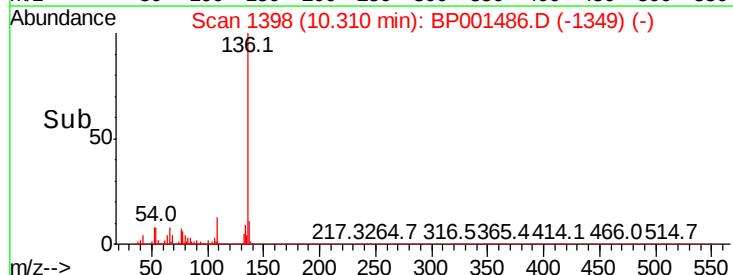
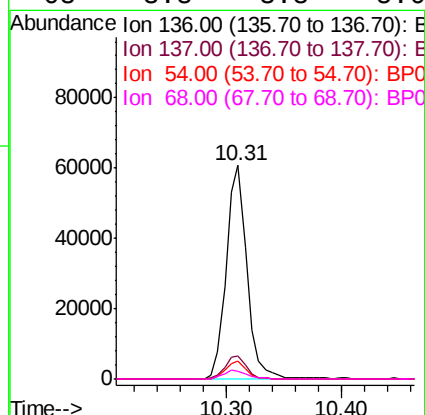
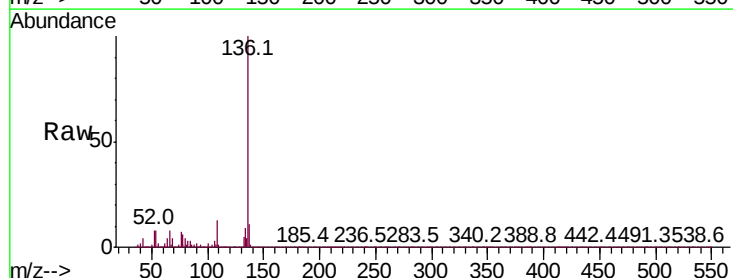
Ion Ratio Lower Upper

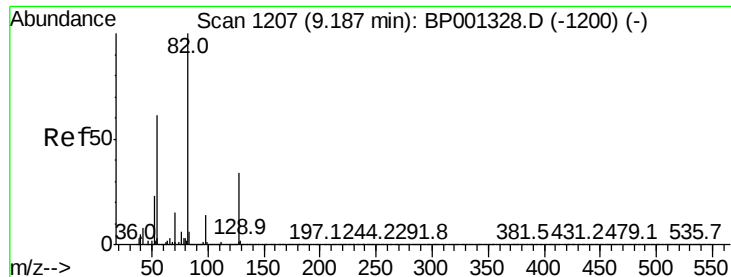
136 100

137 10.6 9.0 13.4

54 8.2 7.3 10.9

68 3.8 3.8 5.6

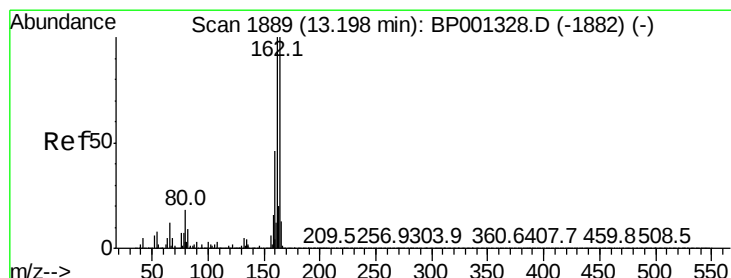
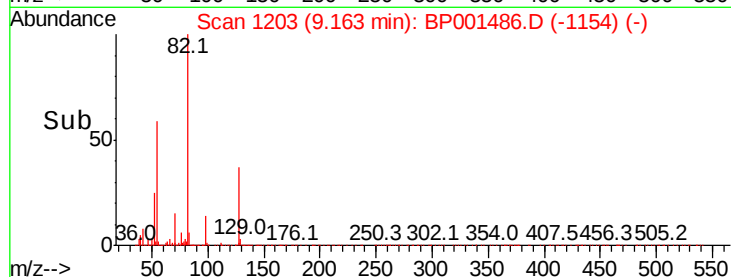
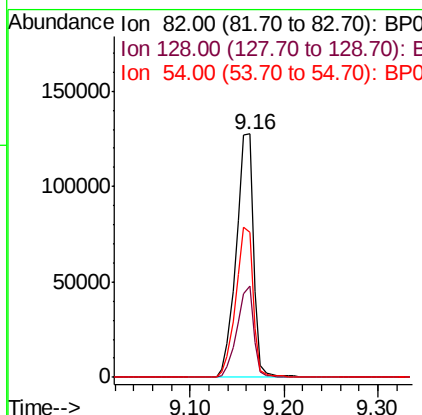
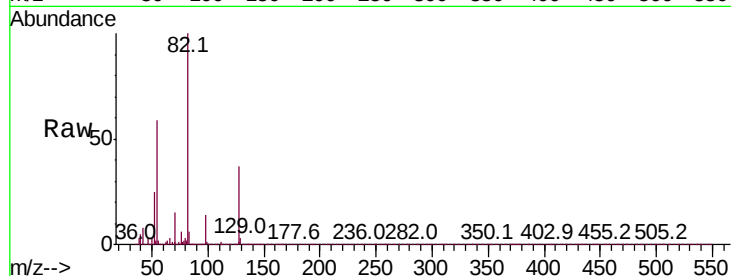




#23
 Nitrobenzene-d5
 Concen: 83.545 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BP001486.D
 Acq: 28 Dec 2019 20:31

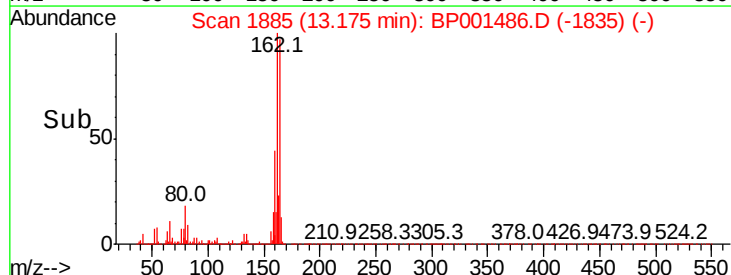
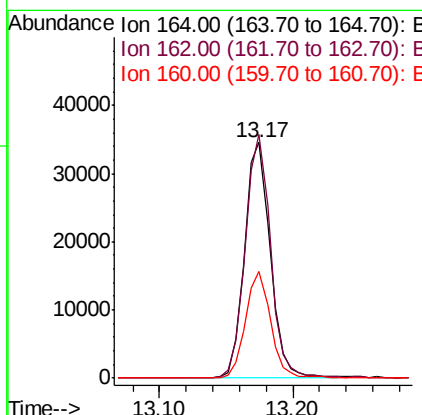
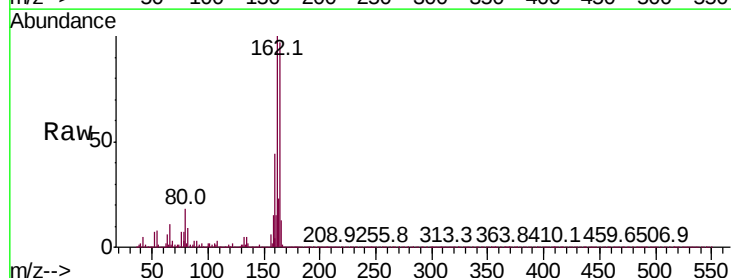
Instrument :
 BNA_P
 ClientSampleId :
 TR-05-122619

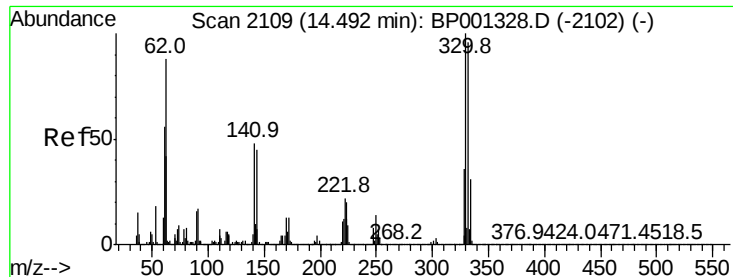
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	27.4	41.0
54	59.5	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BP001486.D
 Acq: 28 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.2	117.4
160	45.2	35.1	52.7

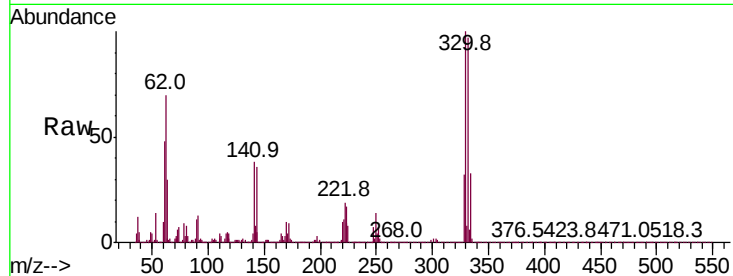




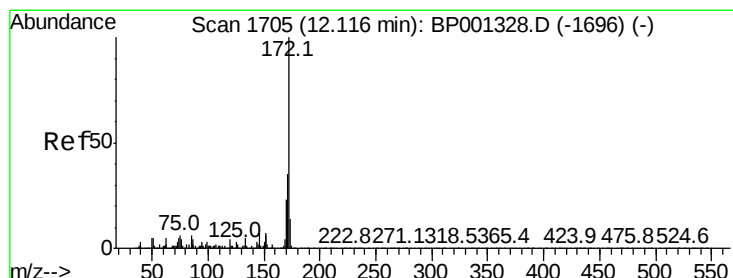
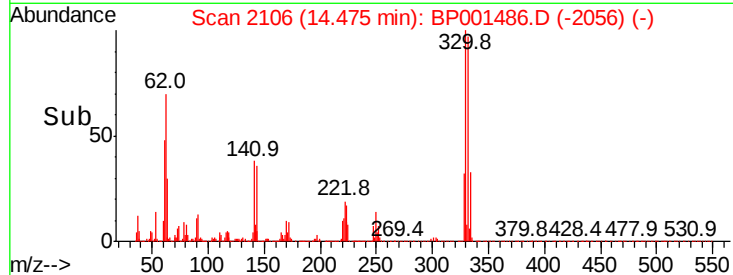
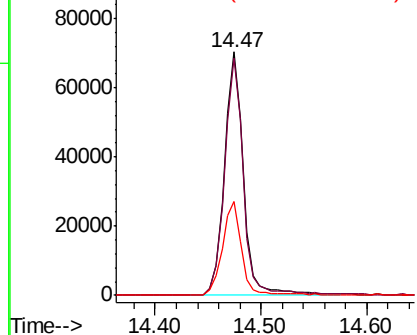
#42
2,4,6-Tribromophenol
Concen: 154.833 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001486.D
Acq: 28 Dec 2019 20:31

Instrument :
BNA_P
ClientSampleId :
TR-05-122619

Tot Ion:330 Resp: 88352
Ion Ratio Lower Upper
330 100
332 98.0 78.3 117.5
141 38.3 26.8 40.2

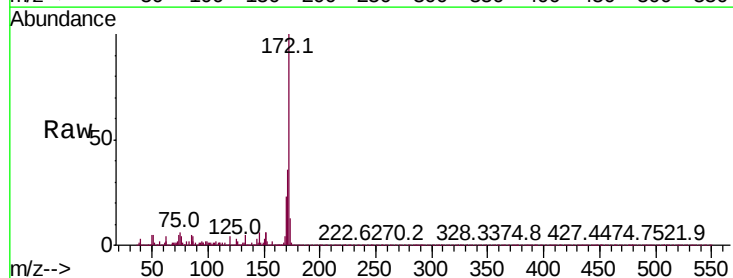


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

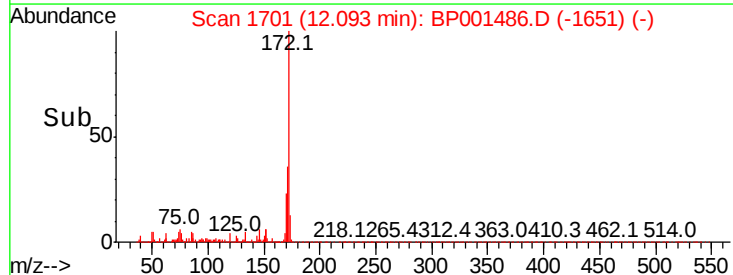
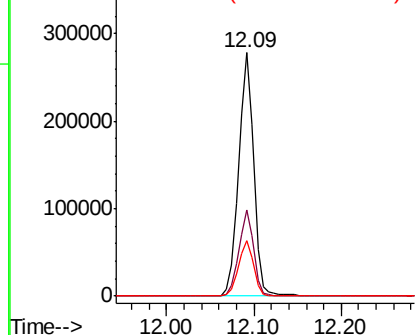


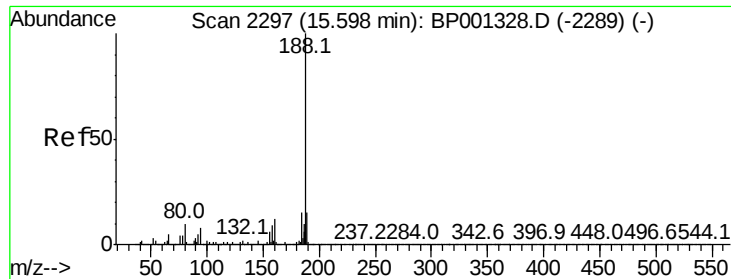
#45
2-Fluorobiphenyl
Concen: 89.627 ng
RT: 12.09 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BP001486.D
Acq: 28 Dec 2019 20:31

Tgt Ion:172 Resp: 323512
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 22.9 18.2 27.4



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: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001486.D

Acq: 28 Dec 2019 20:31

Instrument :

BNA_P

ClientSampleId :

TR-05-122619

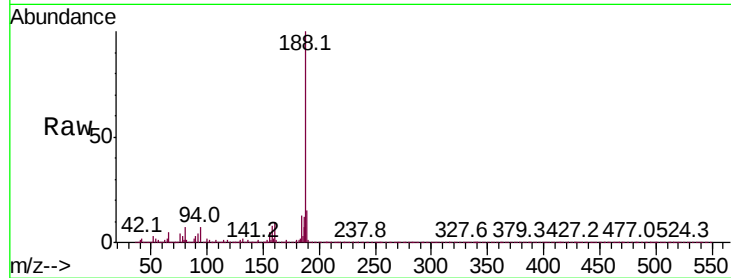
Tot Ion:188 Resp: 95279

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

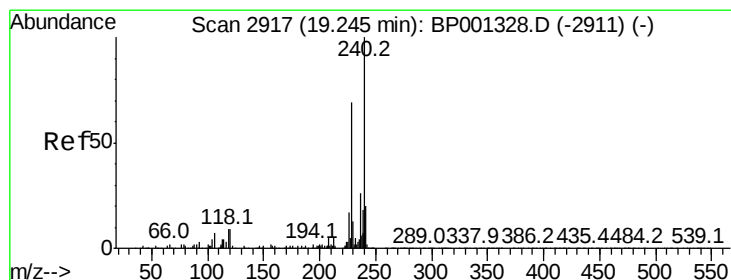
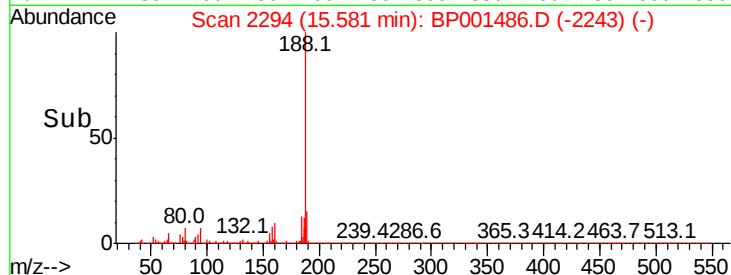
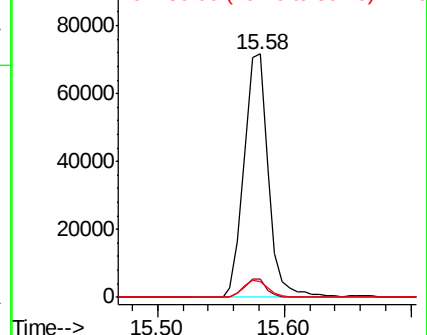
80 7.3 5.7 8.5



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: 19.23 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BP001486.D

Acq: 28 Dec 2019 20:31

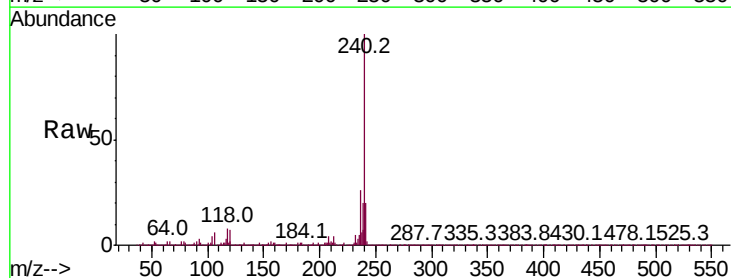
Tgt Ion:240 Resp: 81668

Ion Ratio Lower Upper

240 100

120 6.9 6.2 9.2

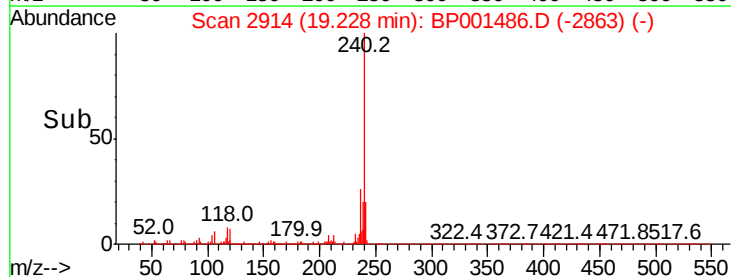
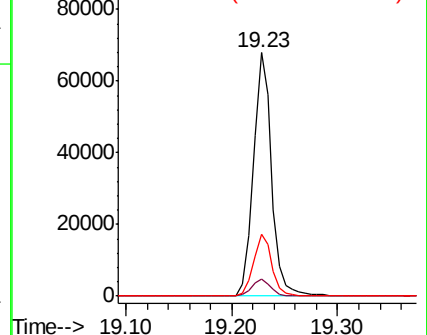
236 25.6 20.2 30.2

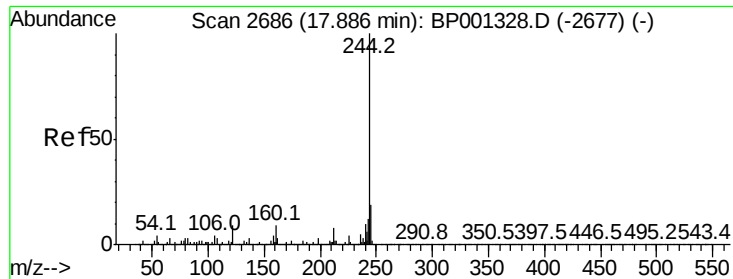


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.885 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001486.D

Acq: 28 Dec 2019 20:31

Instrument :

BNA_P

ClientSampleId :

TR-05-122619

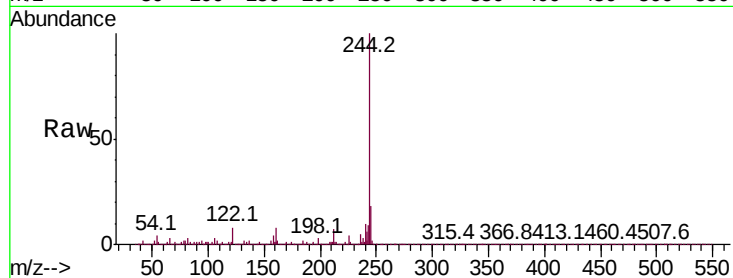
Tot Ion:244 Resp: 500114

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

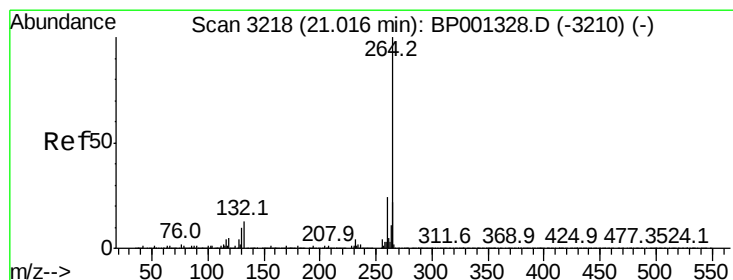
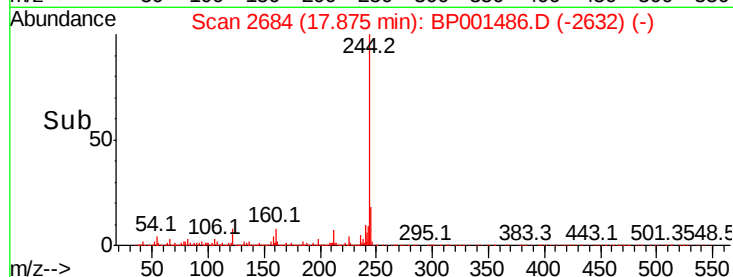
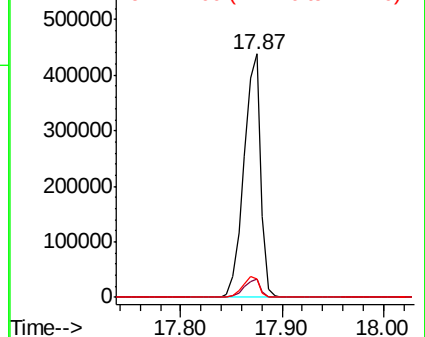
122 7.7 6.4 9.6



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: 21.00 min Scan# 3216

Delta R.T. 0.01 min

Lab File: BP001486.D

Acq: 28 Dec 2019 20:31

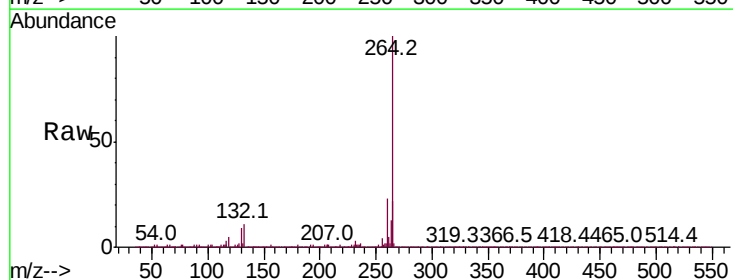
Tgt Ion:264 Resp: 86006

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 22.4 17.0 25.4



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

