

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001429.D
 Acq On : 26 Dec 2019 18:55
 Operator : JU
 Sample : K6393-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-G

Quant Time: Dec 27 08:09:06 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	32496	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	116497	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	70903	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	142654	20.00	ng	0.00
76) Chrysene-d12	19.22	240	105273	20.00	ng	0.00
87) Perylene-d12	20.99	264	109719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	166080	82.60	ng	0.01
7) Phenol-d6	7.75	99	141116	53.79	ng	0.00
23) Nitrobenzene-d5	9.17	82	256640	84.60	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	129083	145.62	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	507986	90.59	ng	0.00
79) Terphenyl-d14	17.87	244	666639	108.46	ng	0.00

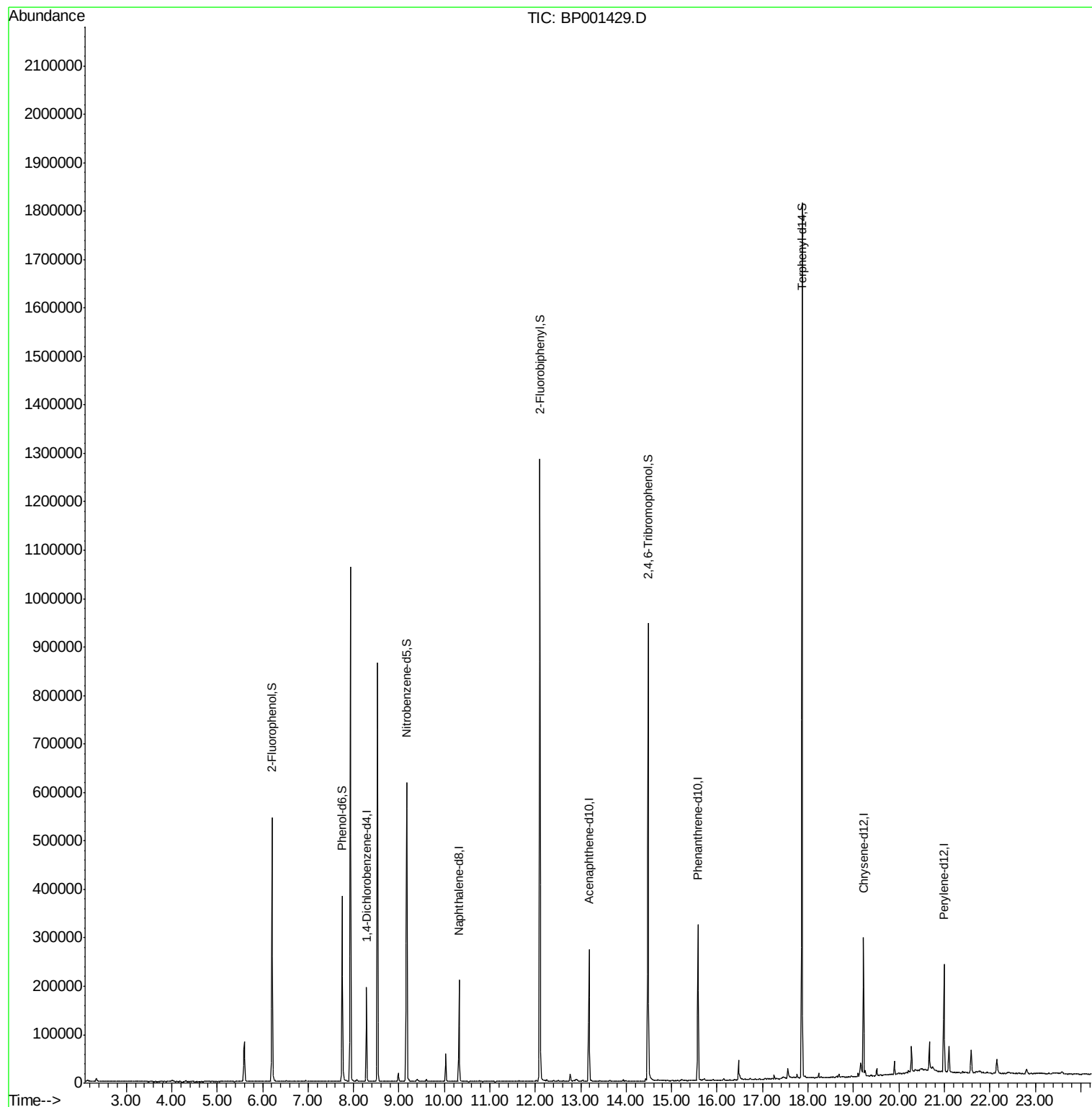
Target Compounds Qvalue

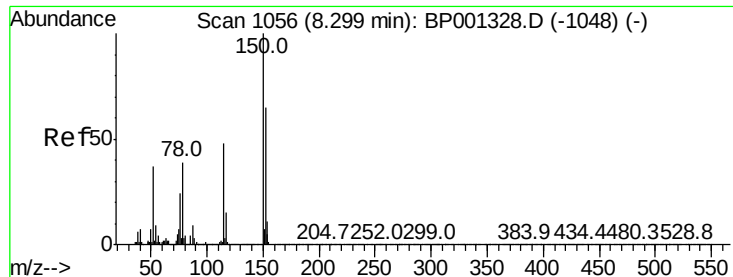
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001429.D

Acq: 26 Dec 2019 18:55

Instrument :

BNA_P

ClientSampleId :

MH-G

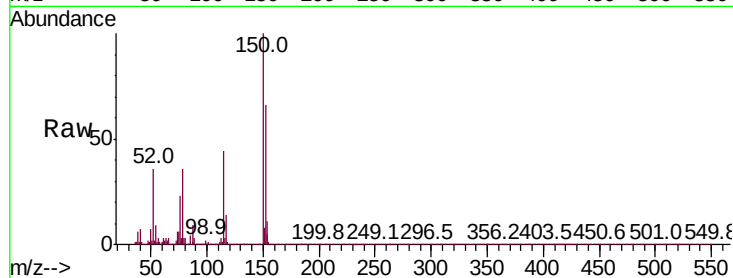
Tot Ion:152 Resp: 32496

Ion Ratio Lower Upper

152 100

150 151.5 127.0 190.6

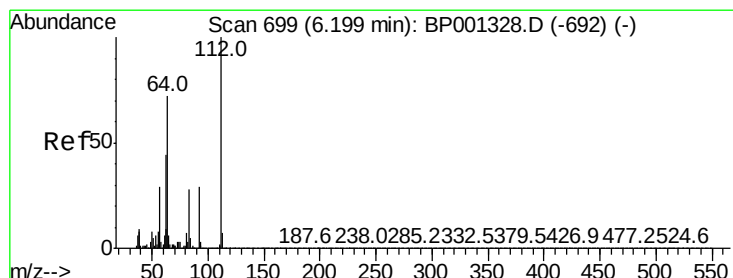
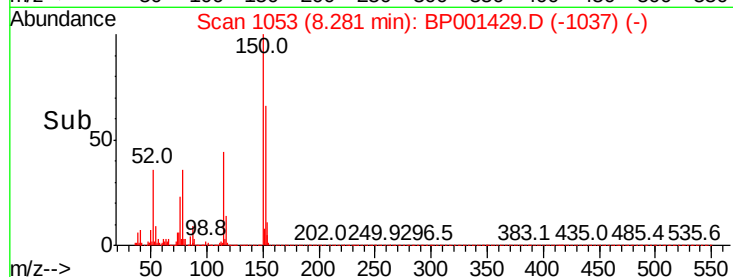
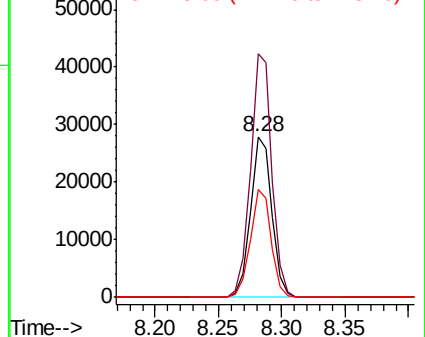
115 67.1 56.1 84.1



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: 82.600 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001429.D

Acq: 26 Dec 2019 18:55

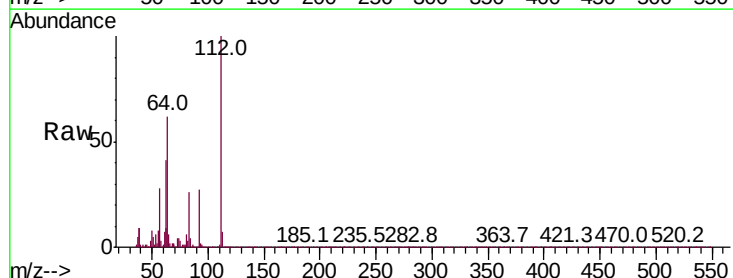
Tgt Ion:112 Resp: 166080

Ion Ratio Lower Upper

112 100

64 61.7 53.9 80.9

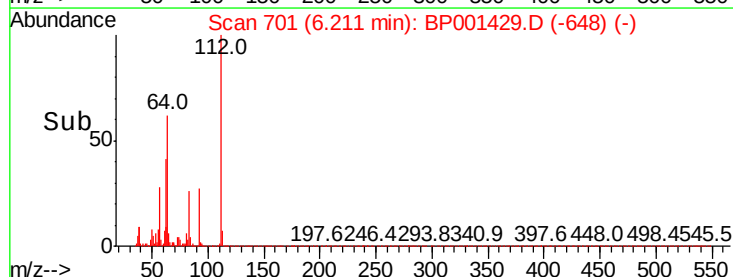
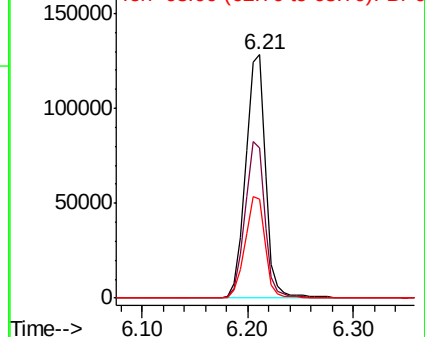
63 40.6 33.4 50.0

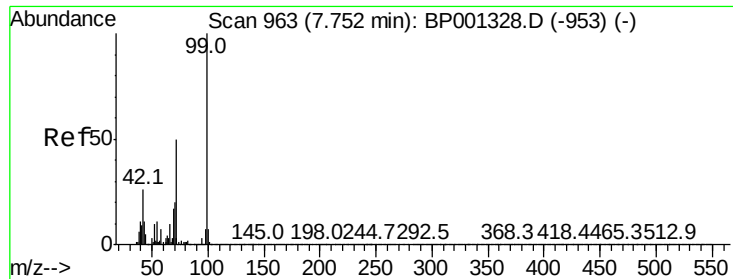


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 53.786 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001429.D

Acq: 26 Dec 2019 18:55

Instrument :

BNA_P

ClientSampled :

MH-G

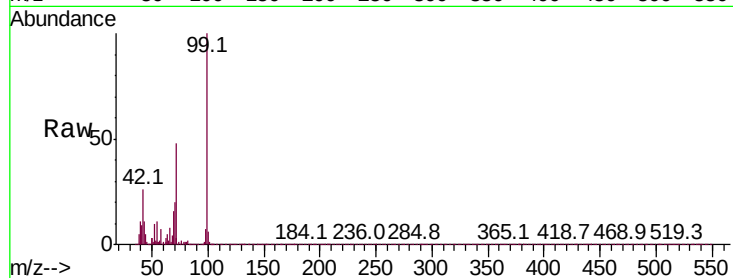
Tot Ion: 99 Resp: 141116

Ion Ratio Lower Upper

99 100

42 26.0 20.8 31.2

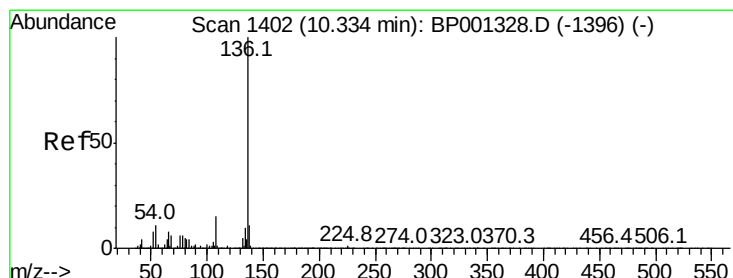
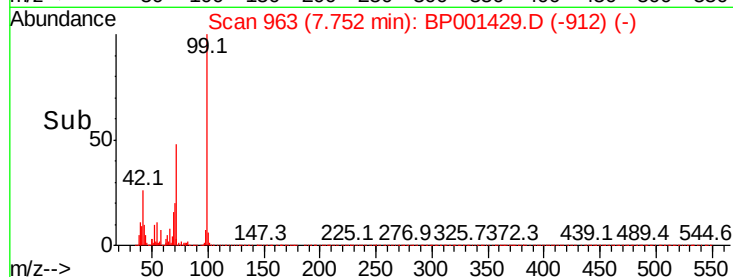
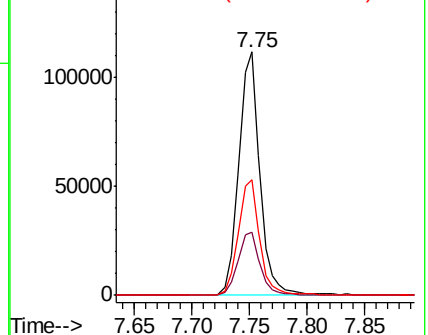
71 47.6 38.2 57.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BP001429.D

Acq: 26 Dec 2019 18:55

Tgt Ion: 136 Resp: 116497

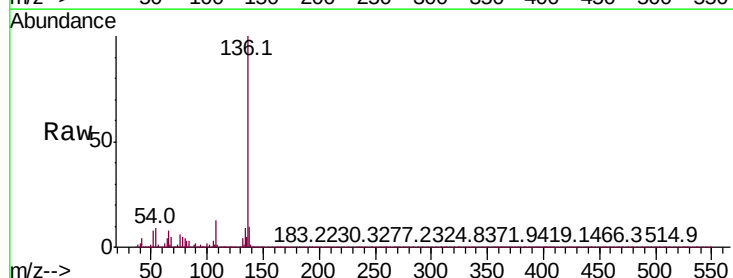
Ion Ratio Lower Upper

136 100

137 10.0 9.0 13.4

54 9.4 7.3 10.9

68 4.8 3.8 5.6

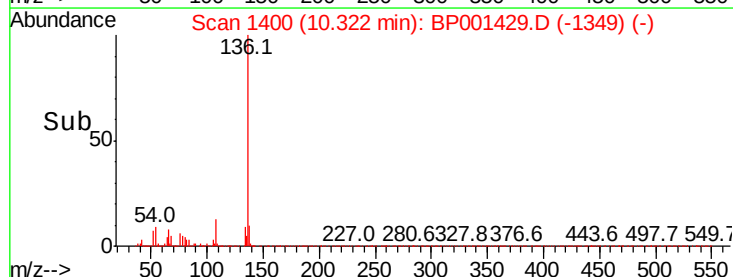
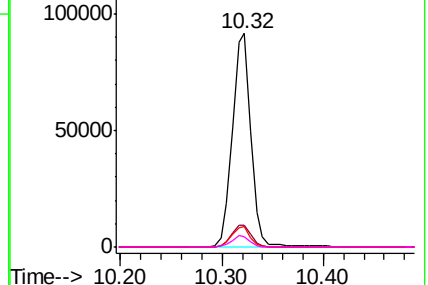


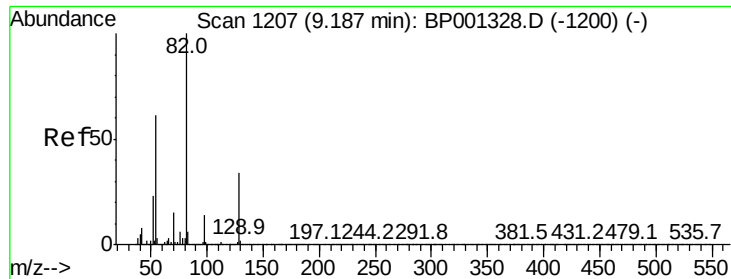
Abundance Ion 136.00 (135.70 to 136.70): E

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

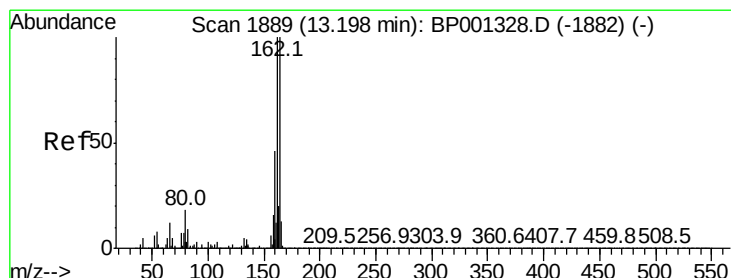
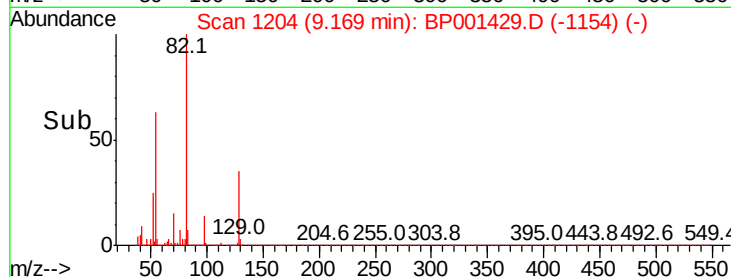
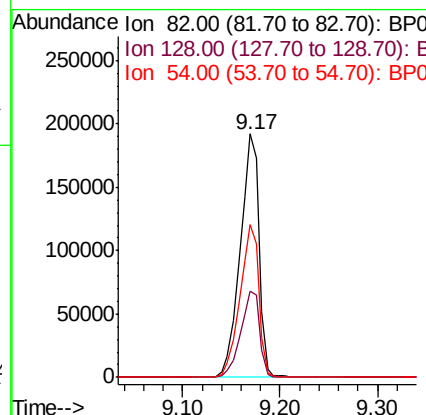
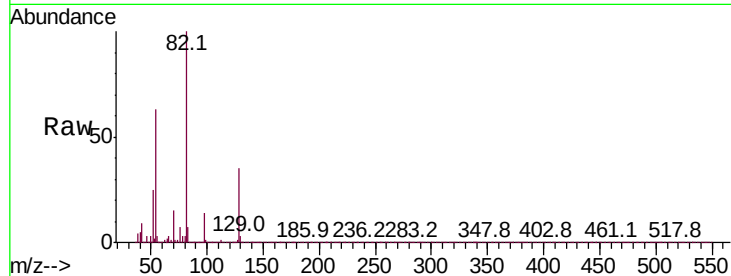




#23
Nitrobenzene-d5
Concen: 84.597 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001429.D
Acq: 26 Dec 2019 18:55

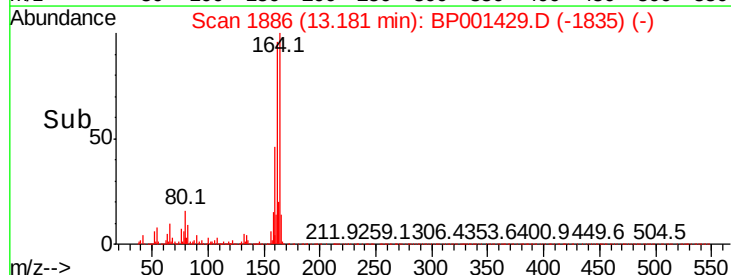
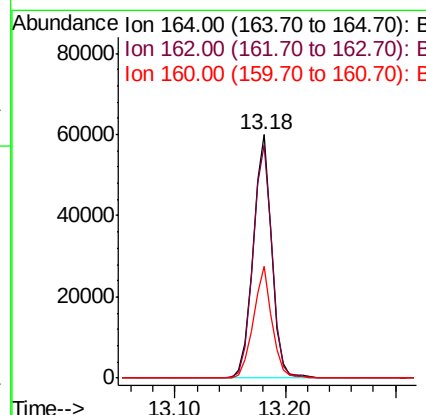
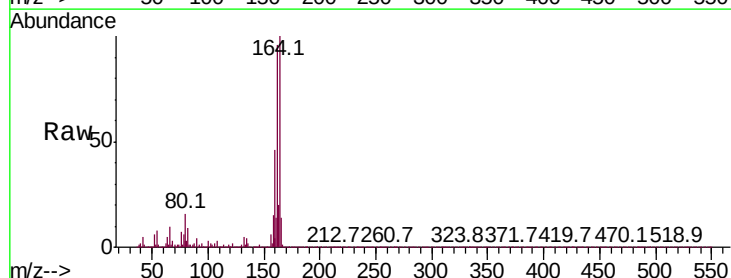
Instrument :
BNA_P
ClientSampleId :
MH-G

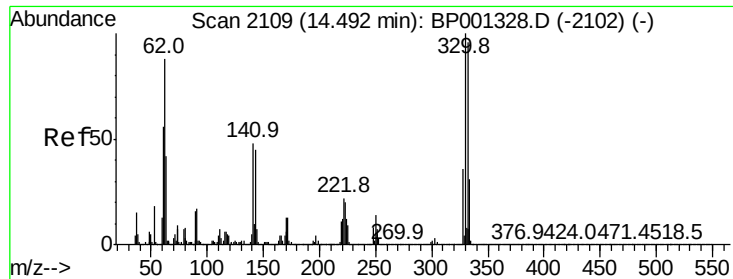
Tot Ion	82	Resp	256640
Ion Ratio	100	Lower	Upper
128	35.3	27.4	41.0
54	62.8	47.5	71.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BP001429.D
Acq: 26 Dec 2019 18:55

Tgt Ion	164	Resp	70903
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	96.0	78.2	117.4
160	45.9	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 145.618 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BP001429.D

Acq: 26 Dec 2019 18:55

Instrument :

BNA_P

ClientSampleId :

MH-G

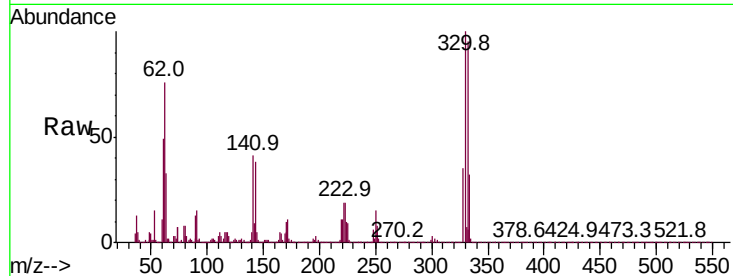
Tot Ion:330 Resp: 129083

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

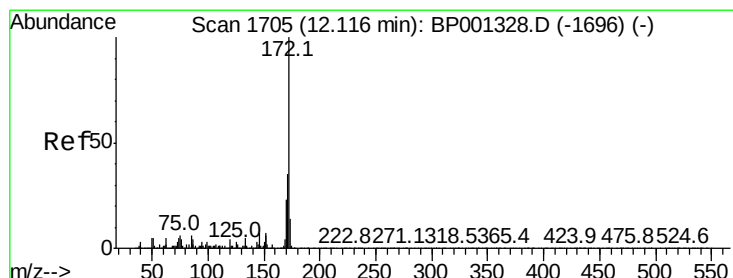
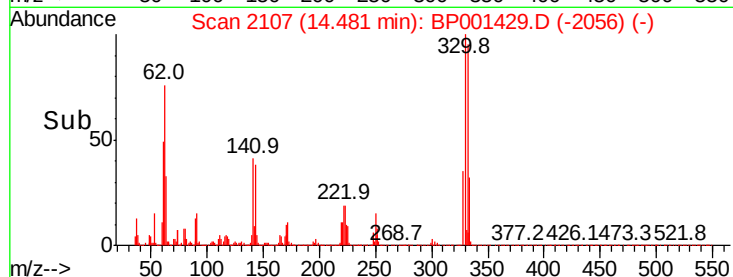
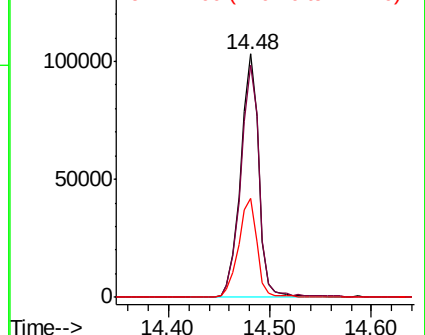
141 41.9 26.8 40.2#



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: 90.594 ng

RT: 12.10 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BP001429.D

Acq: 26 Dec 2019 18:55

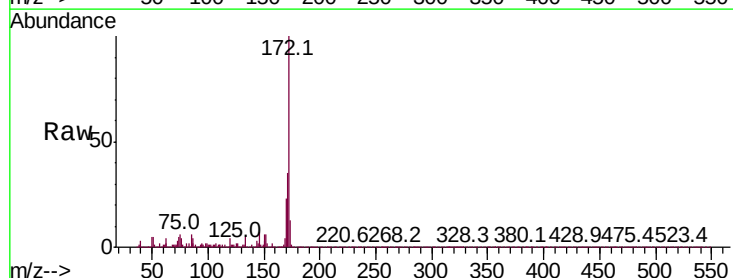
Tgt Ion:172 Resp: 507986

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

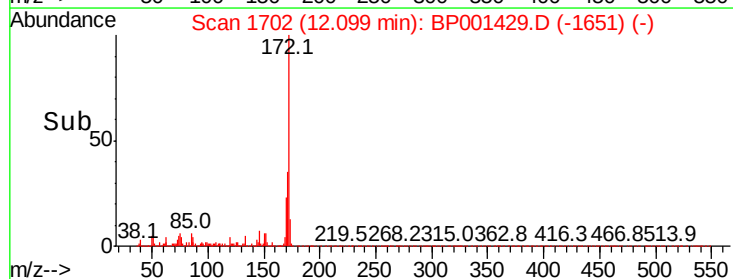
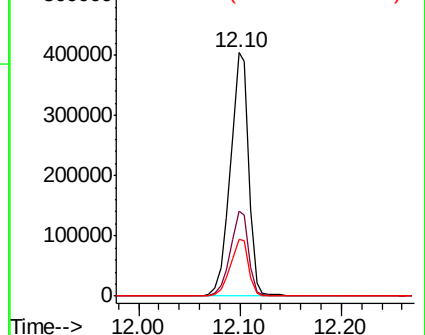
170 23.3 18.2 27.4

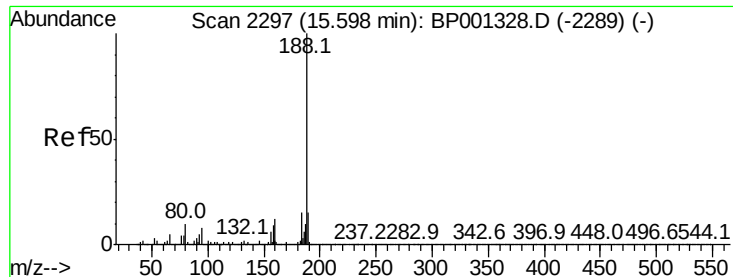


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

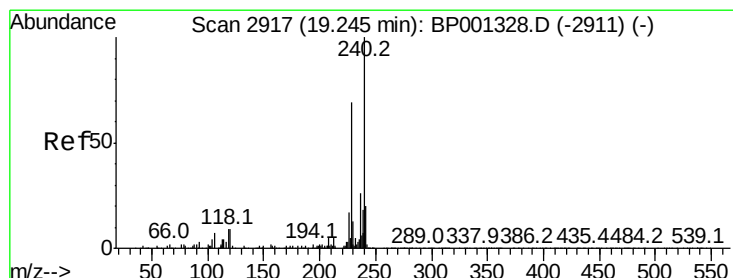
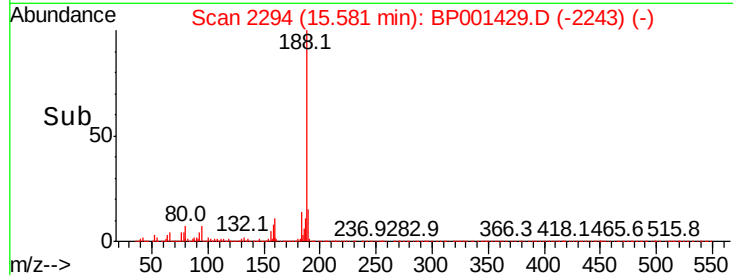
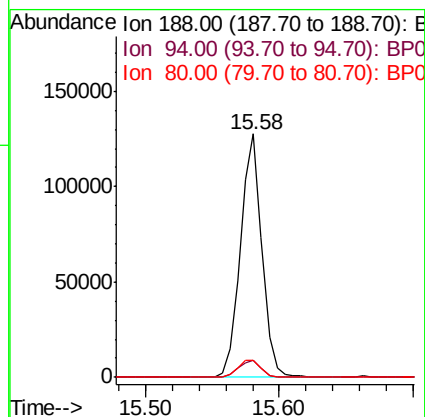
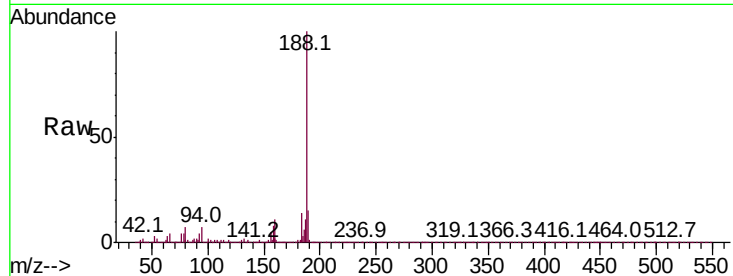




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BP001429.D
Acq: 26 Dec 2019 18:55

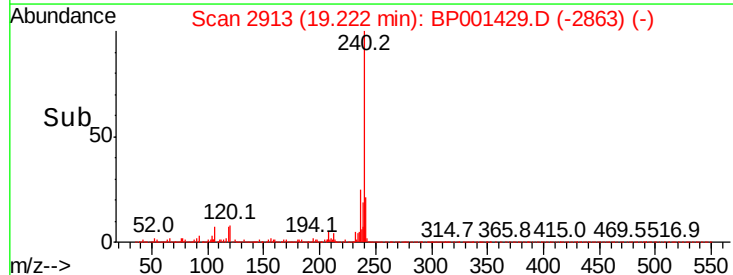
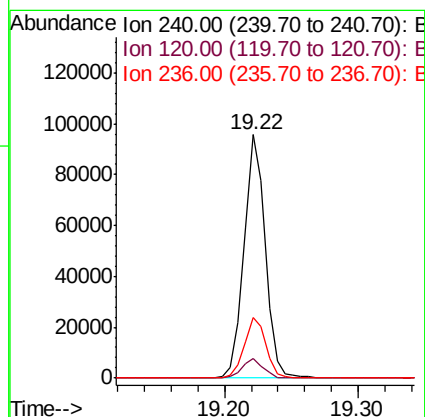
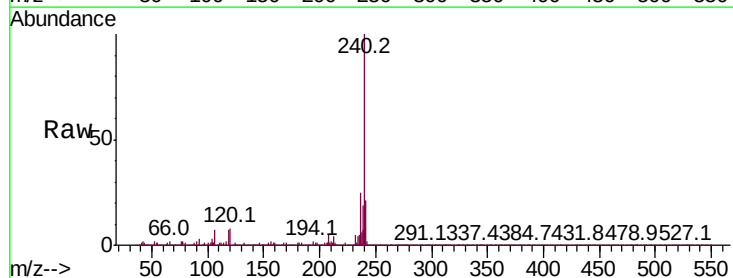
Instrument :
BNA_P
ClientSampleId :
MH-G

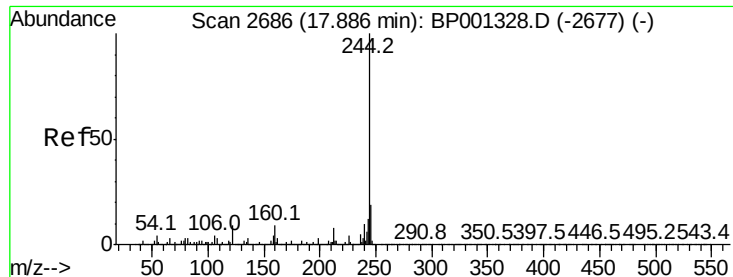
Tot Ion:188 Resp: 142654
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.8
80 7.1 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001429.D
Acq: 26 Dec 2019 18:55

Tgt Ion:240 Resp: 105273
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 24.8 20.2 30.2





#79

Terphenyl-d14

Concen: 108.460 ng

RT: 17.87 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BP001429.D

Acq: 26 Dec 2019 18:55

Instrument :

BNA_P

ClientSampleId :

MH-G

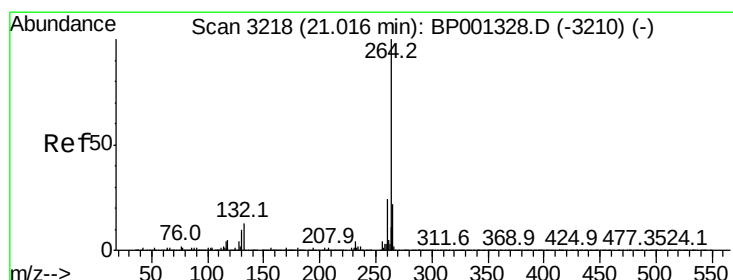
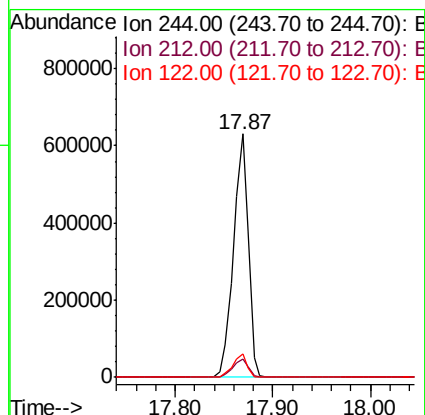
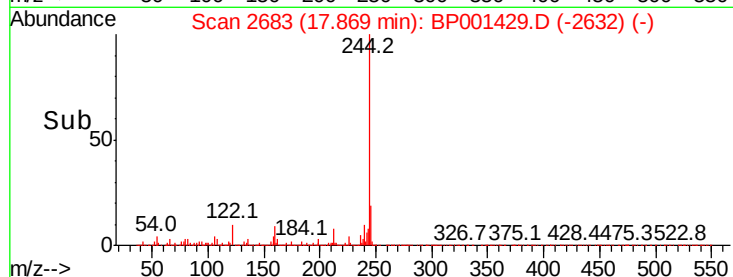
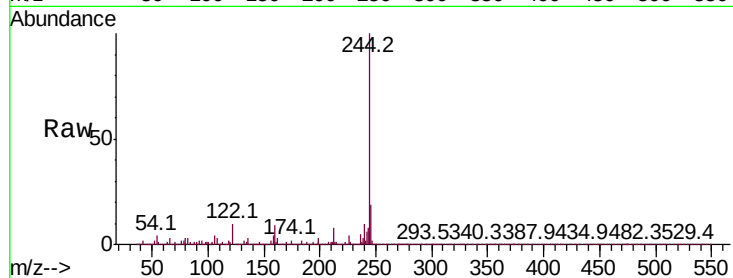
Tot Ion:244 Resp: 666639

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 9.6 6.4 9.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BP001429.D

Acq: 26 Dec 2019 18:55

Tgt Ion:264 Resp: 109719

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 20.7 17.0 25.4

