

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001463.D
 Acq On : 27 Dec 2019 17:44
 Operator : JU
 Sample : PB125664TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125664TB

Quant Time: Dec 28 05:21:09 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	23282	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	81478	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	48526	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	98007	20.00	ng	0.00
76) Chrysene-d12	19.22	240	80940	20.00	ng	0.00
87) Perylene-d12	20.99	264	86777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	165959	115.21	ng	0.01
7) Phenol-d6	7.75	99	212848	113.23	ng	0.00
23) Nitrobenzene-d5	9.16	82	150047	70.72	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	71641	118.09	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	304944	79.46	ng	0.00
79) Terphenyl-d14	17.86	244	414918	87.80	ng	0.00

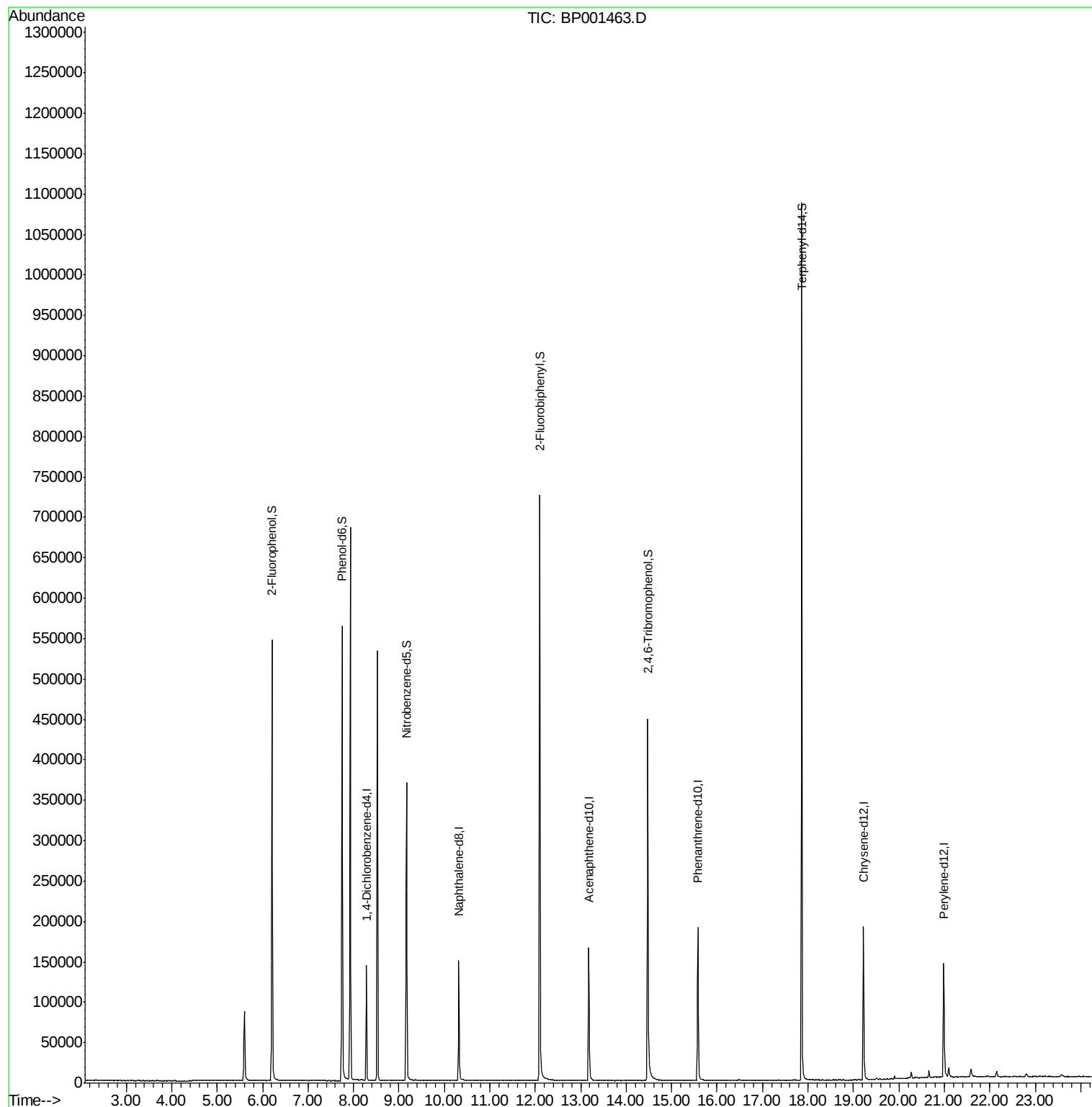
Target Compounds Qvalue

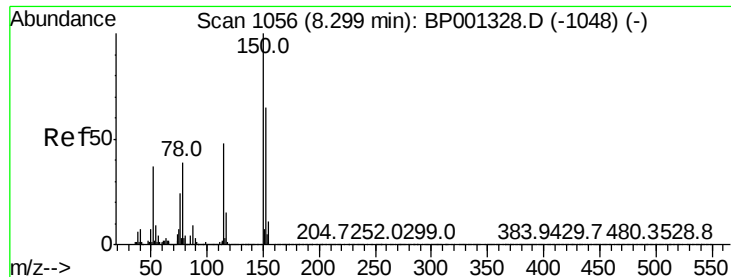
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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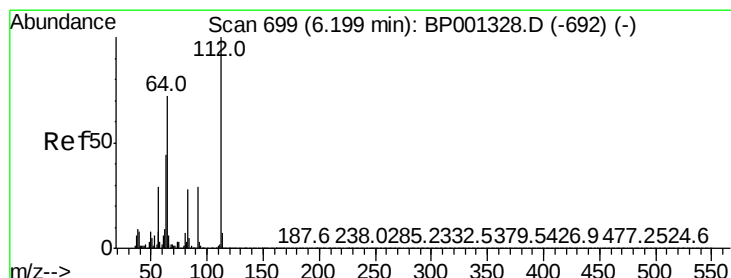
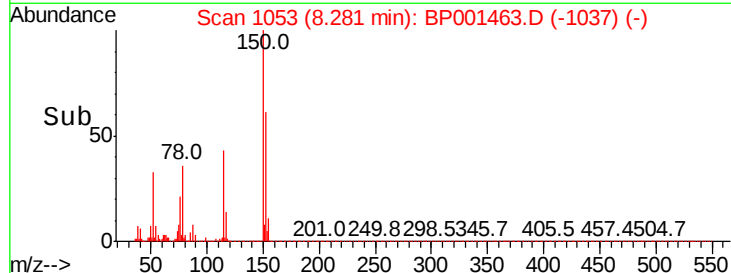
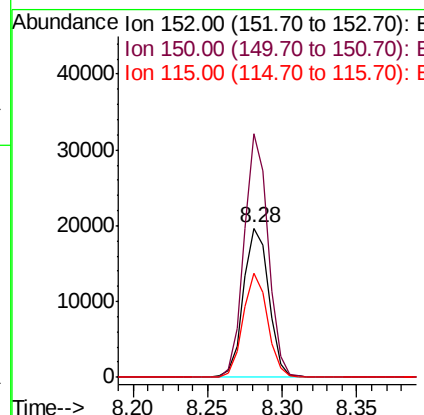
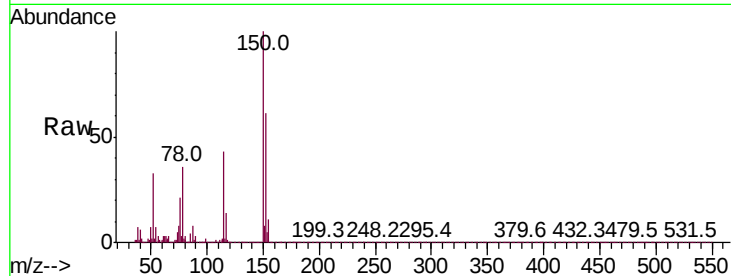




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001463.D
 Acq: 27 Dec 2019 17:44

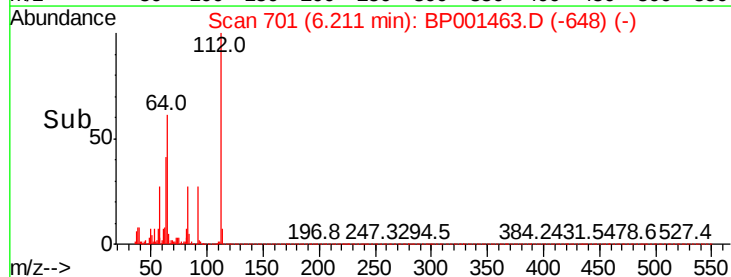
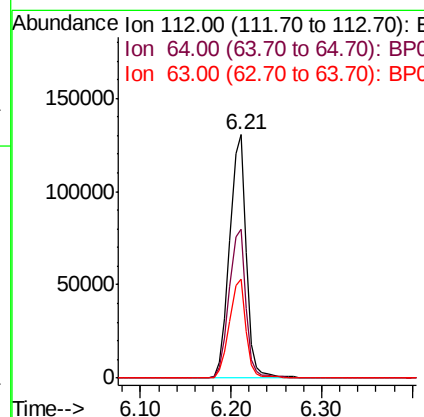
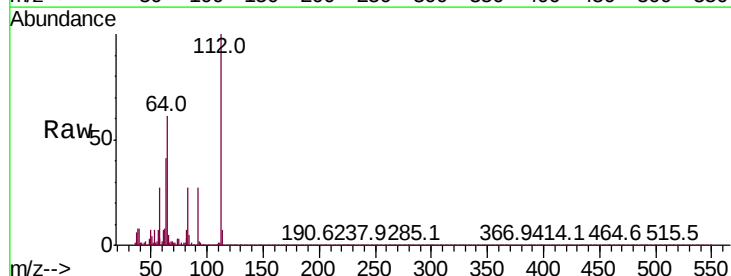
Instrument :
 BNA_P
 ClientSampleId :
 PB125664TB

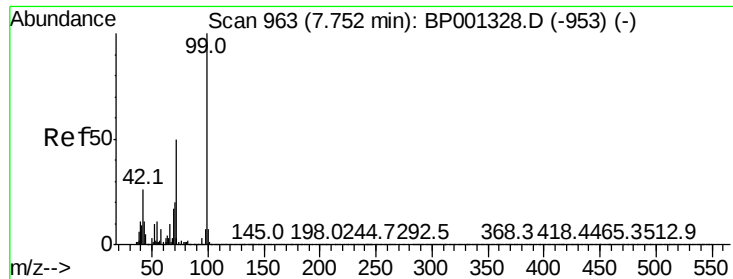
Tot Ion:152 Resp: 23282
 Ion Ratio Lower Upper
 152 100
 150 163.0 127.0 190.6
 115 69.9 56.1 84.1



#5
 2-Fluorophenol
 Concen: 115.206 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BP001463.D
 Acq: 27 Dec 2019 17:44

Tgt Ion:112 Resp: 165959
 Ion Ratio Lower Upper
 112 100
 64 61.2 53.9 80.9
 63 40.5 33.4 50.0





#7

Phenol-d6

Concen: 113.233 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Instrument :

BNA_P

ClientSampleId :

PB125664TB

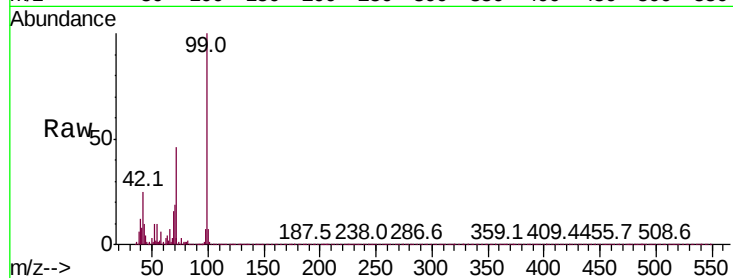
Tot Ion: 99 Resp: 212848

Ion Ratio Lower Upper

99 100

42 25.1 20.8 31.2

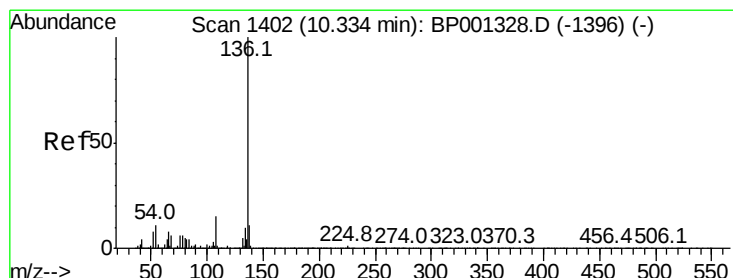
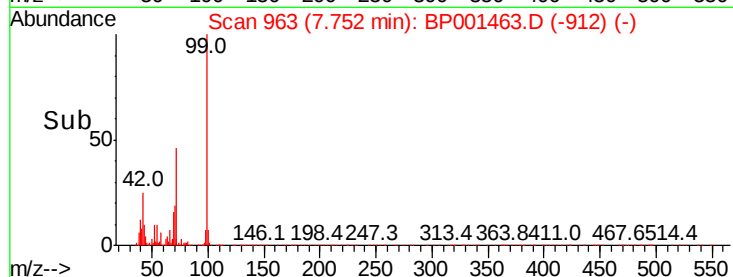
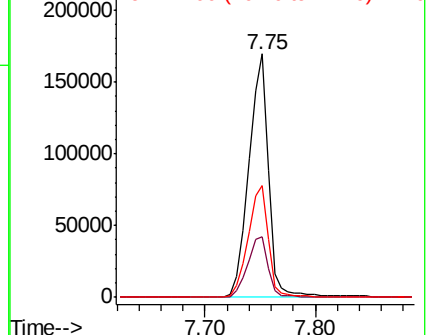
71 45.9 38.2 57.4



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# 1399

Delta R.T. -0.01 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Tgt Ion: 136 Resp: 81478

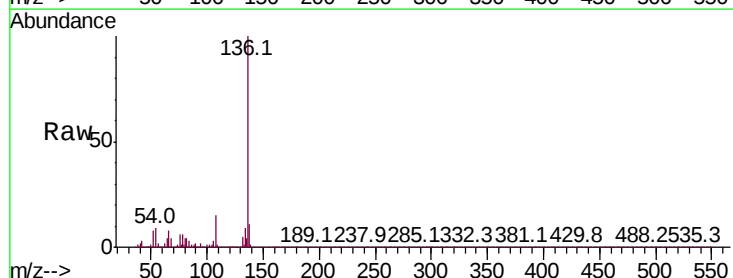
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 9.2 7.3 10.9

68 4.5 3.8 5.6

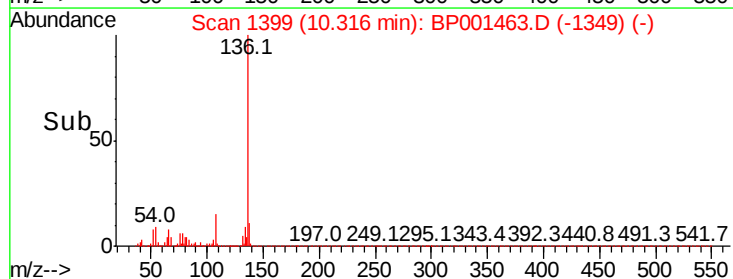
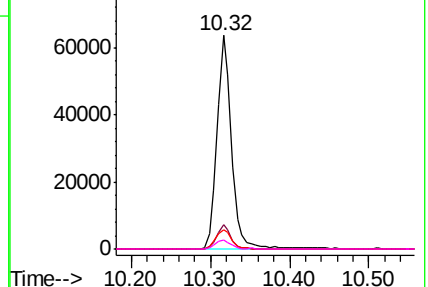


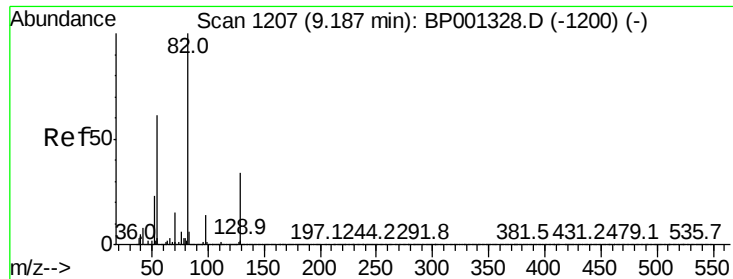
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.718 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Instrument :

BNA_P

ClientSampleId :

PB125664TB

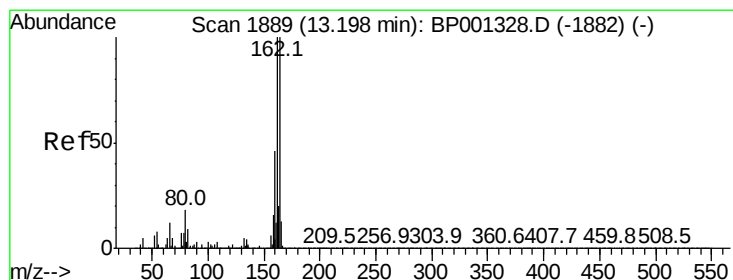
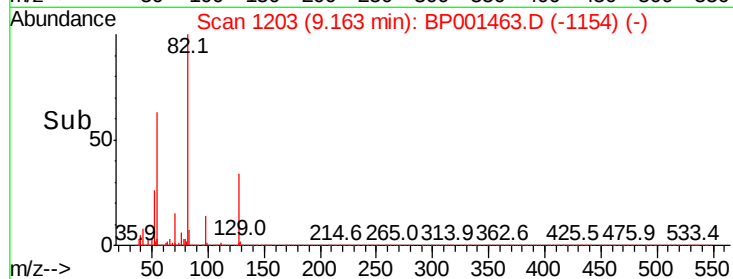
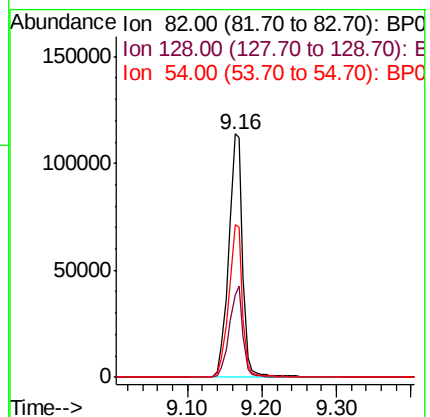
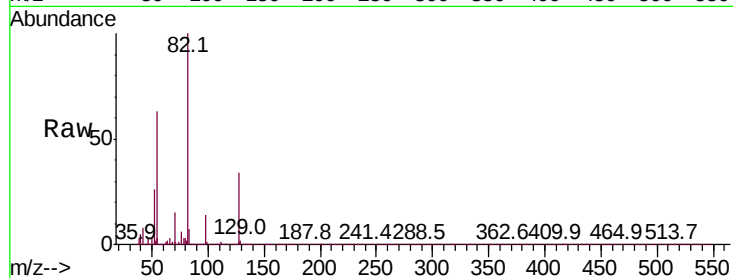
Tot Ion: 82 Resp: 150047

Ion Ratio Lower Upper

82 100

128 34.0 27.4 41.0

54 62.6 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: BP001463.D

Acq: 27 Dec 2019 17:44

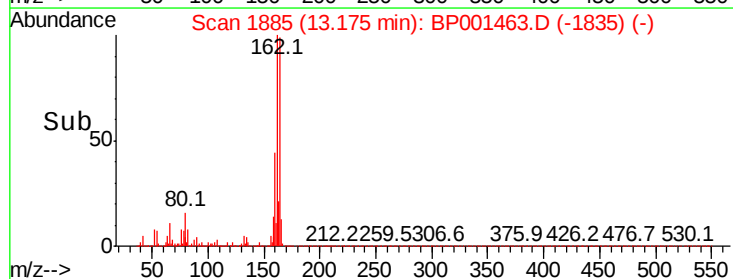
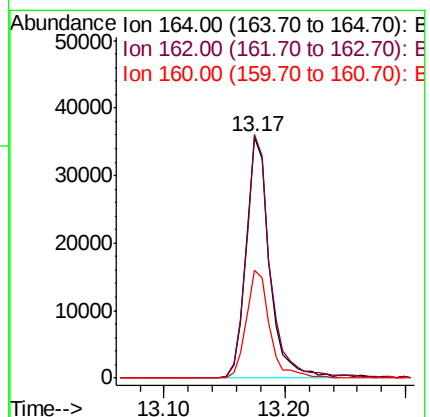
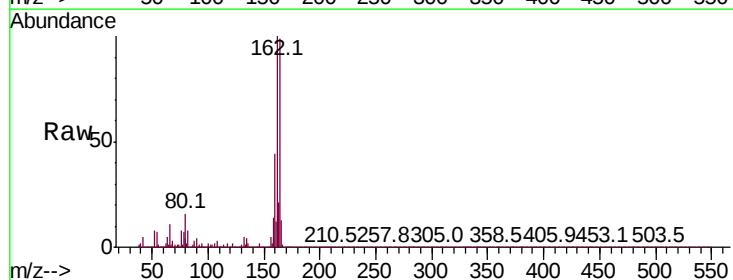
Tgt Ion:164 Resp: 48526

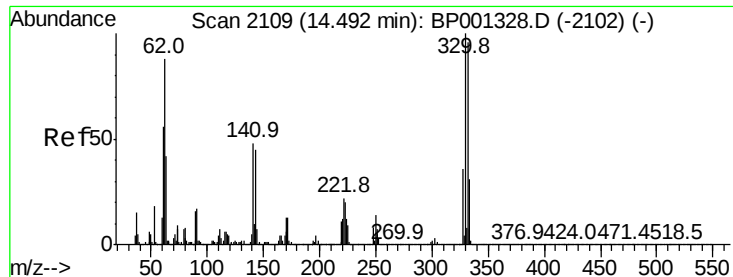
Ion Ratio Lower Upper

164 100

162 100.9 78.2 117.4

160 44.8 35.1 52.7

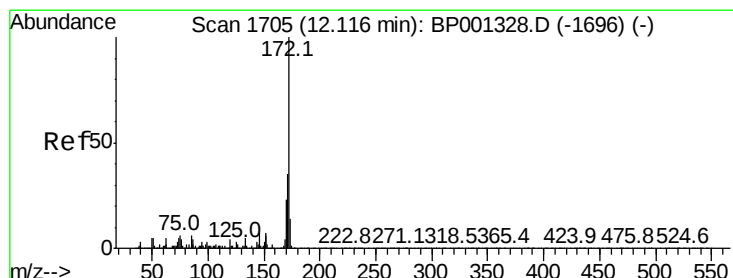
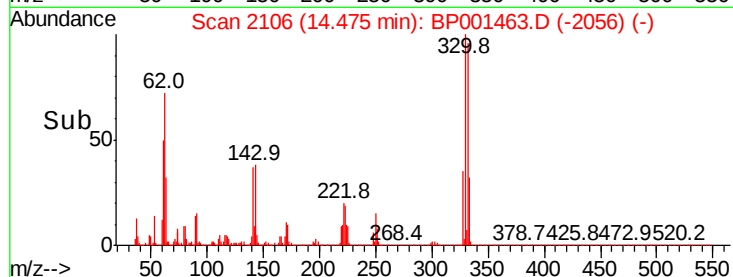
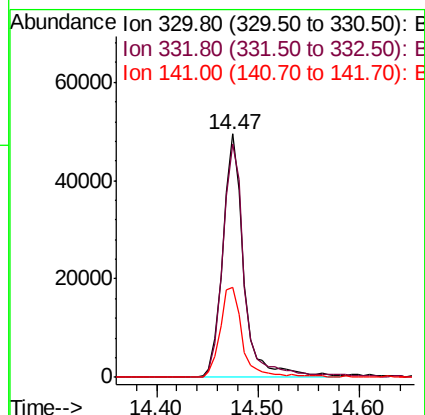
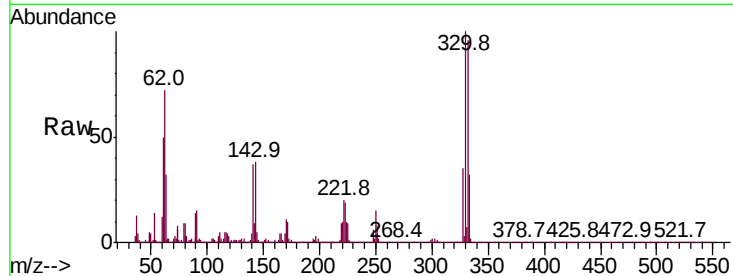




#42
2,4,6-Tribromophenol
Concen: 118.086 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001463.D
Acq: 27 Dec 2019 17:44

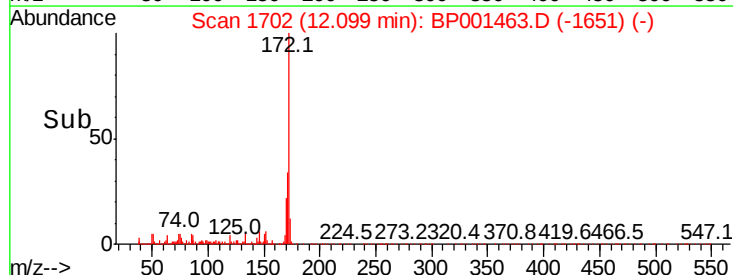
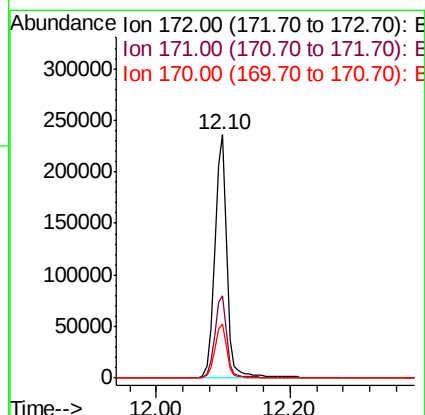
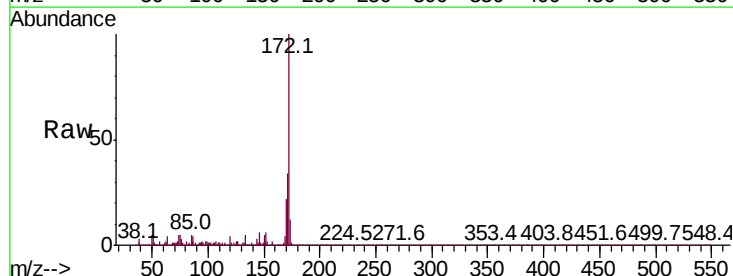
Instrument :
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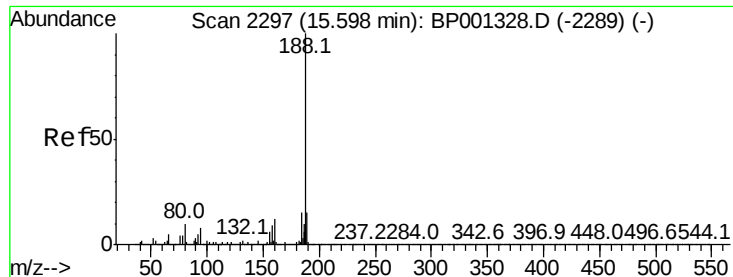
Tot Ion:330 Resp: 71641
Ion Ratio Lower Upper
330 100
332 98.1 78.3 117.5
141 39.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 79.462 ng
RT: 12.10 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BP001463.D
Acq: 27 Dec 2019 17:44

Tgt Ion:172 Resp: 304944
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 22.3 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

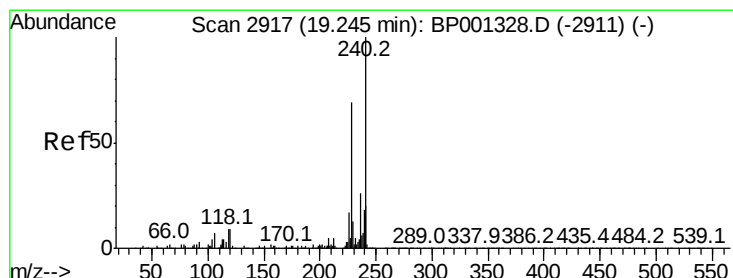
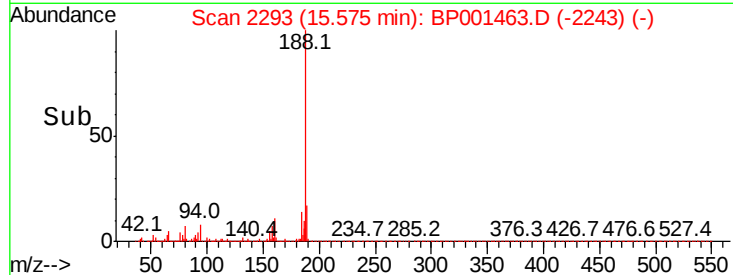
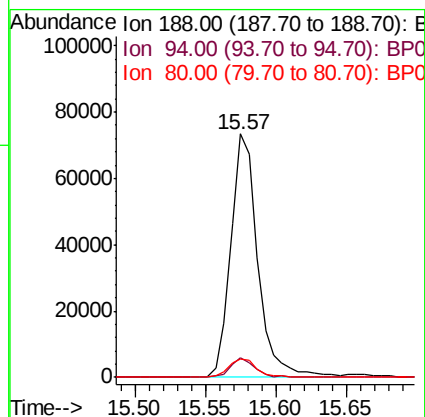
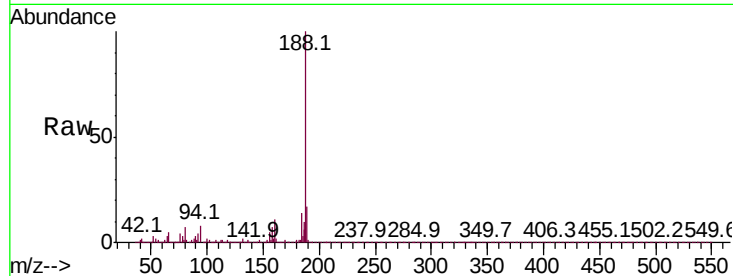
Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :
PB125664TB

Tot Ion:188 Resp: 98007

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.8
80	7.3	5.7	8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.22 min Scan# 2913

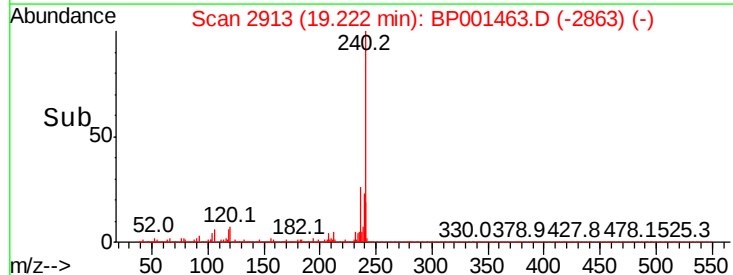
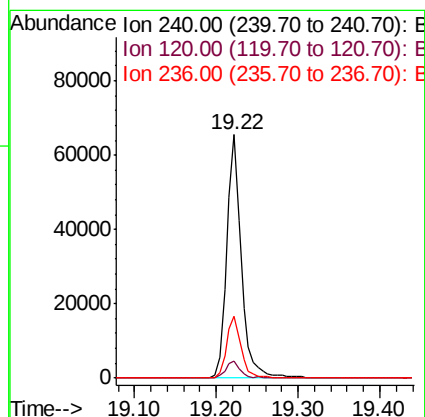
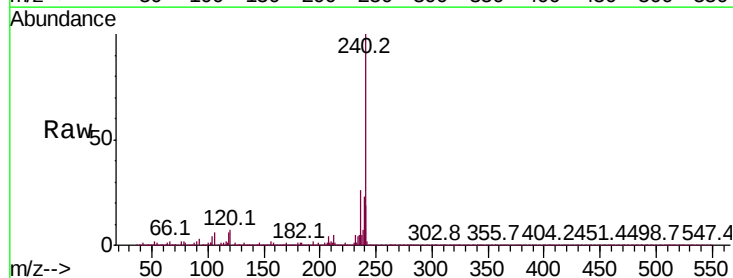
Delta R.T. -0.01 min

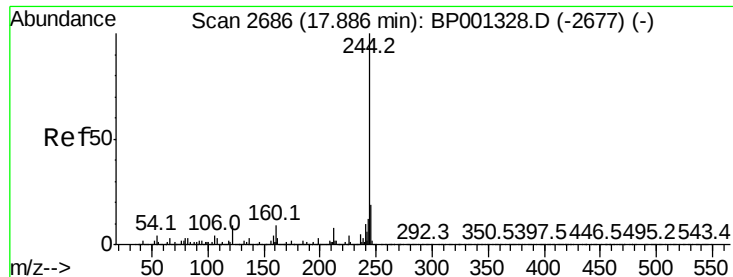
Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Tgt Ion:240 Resp: 80940

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.2	9.2
236	25.5	20.2	30.2





#79

Terphenyl-d14

Concen: 87.800 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Instrument :

BNA_P

ClientSampleId :

PB125664TB

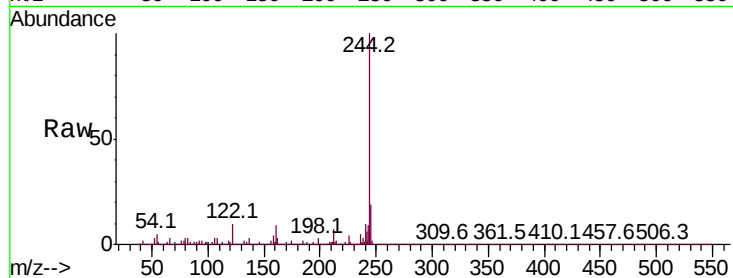
Tot Ion:244 Resp: 414918

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

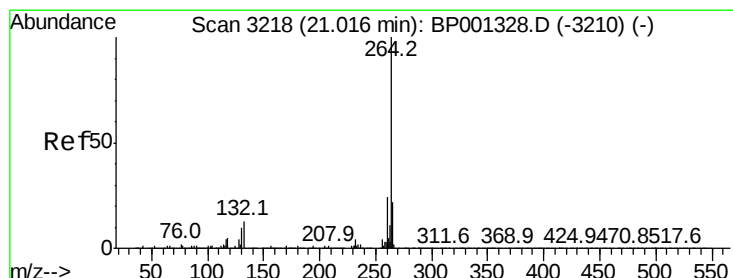
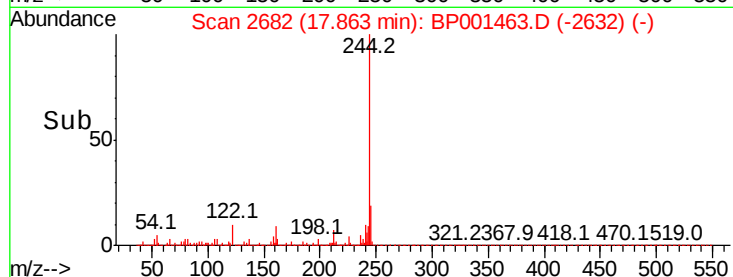
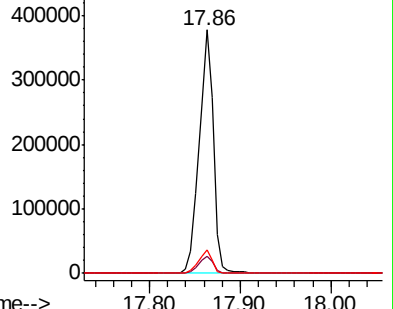
122 9.5 6.4 9.6



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: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

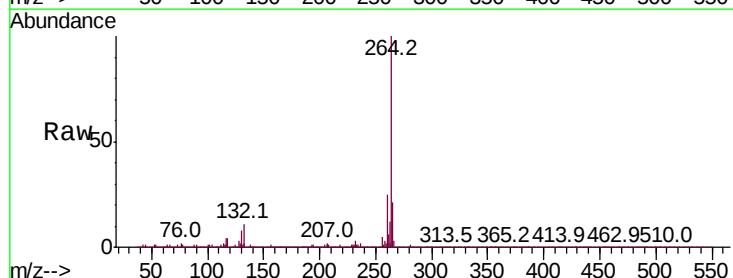
Tgt Ion:264 Resp: 86777

Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.4

265 20.8 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

