

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001462.D
 Acq On : 27 Dec 2019 17:13
 Operator : JU
 Sample : PB125664BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125664BL

Quant Time: Dec 28 04:43:03 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	24622	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	85297	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	51866	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	105813	20.00	ng	0.00
76) Chrysene-d12	19.22	240	89786	20.00	ng	0.00
87) Perylene-d12	20.99	264	94157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	173882	114.14	ng	0.01
7) Phenol-d6	7.75	99	228518	114.95	ng	0.00
23) Nitrobenzene-d5	9.17	82	158389	71.31	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	78628	121.26	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	323537	78.88	ng	0.00
79) Terphenyl-d14	17.86	244	462883	88.30	ng	0.00

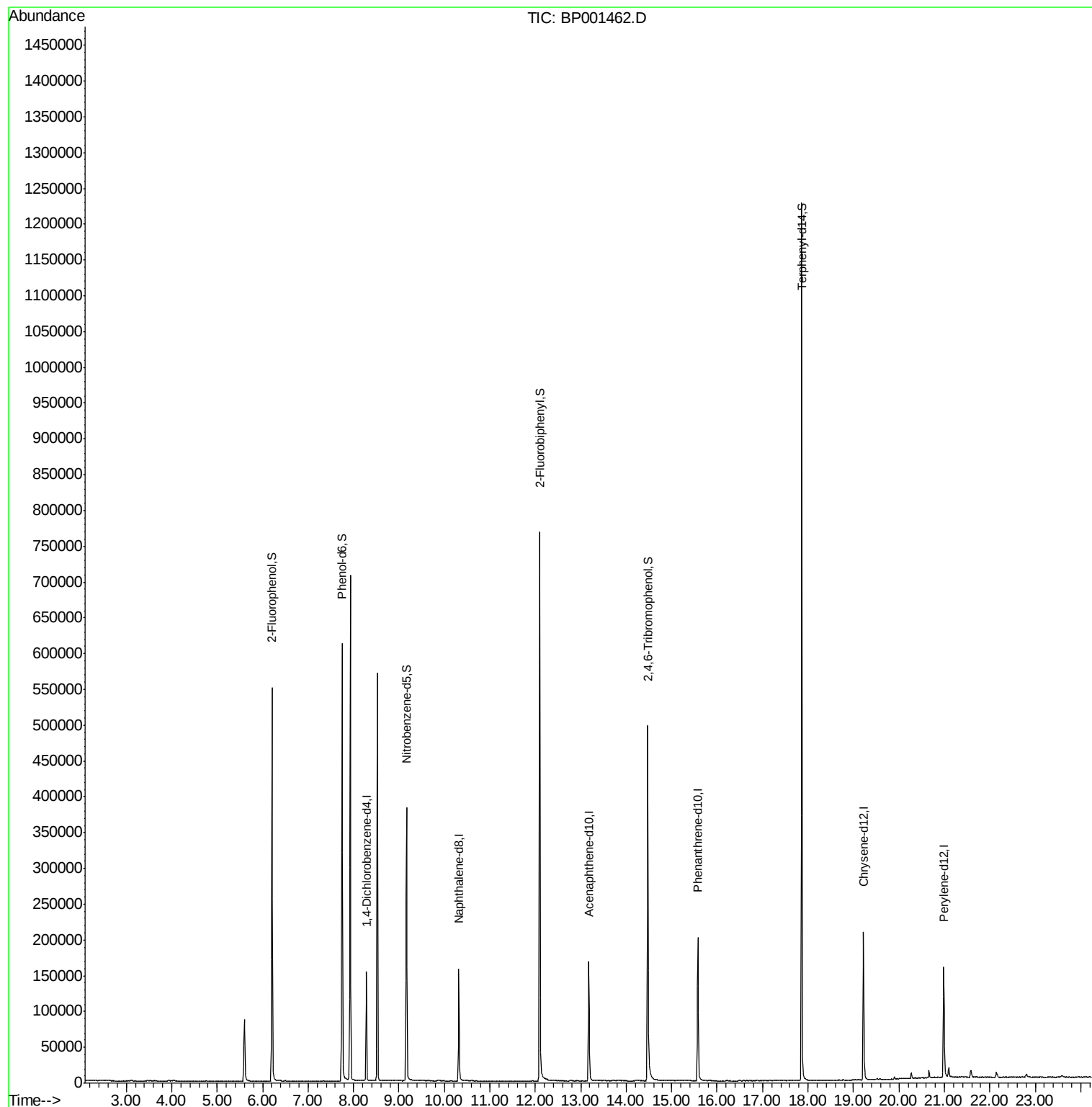
Target Compounds Qvalue

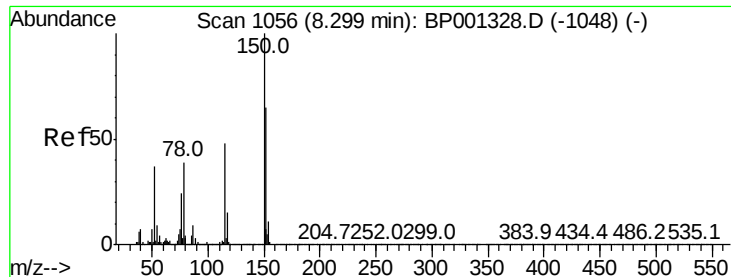
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001462.D

Acq: 27 Dec 2019 17:13

Instrument :

BNA_P

ClientSampleId :

PB125664BL

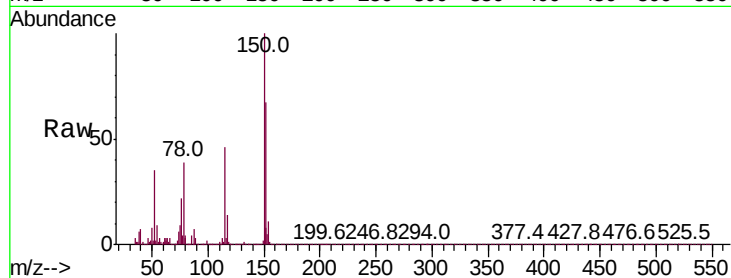
Tot Ion:152 Resp: 24622

Ion Ratio Lower Upper

152 100

150 148.5 127.0 190.6

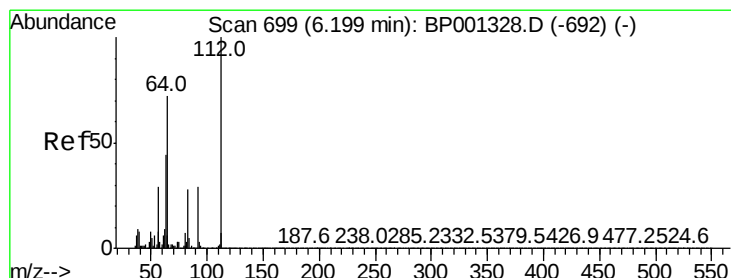
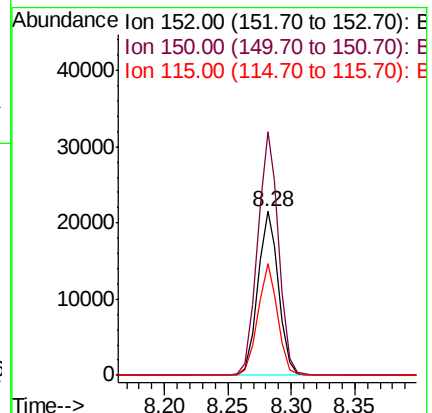
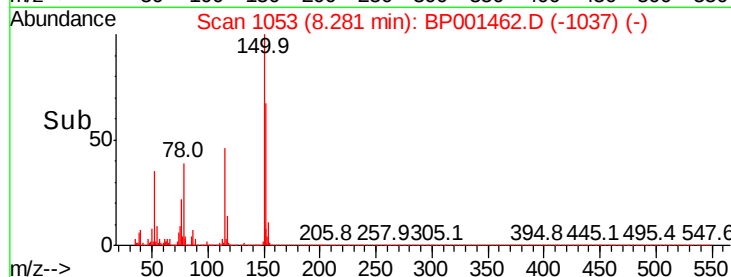
115 68.5 56.1 84.1



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: 114.136 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001462.D

Acq: 27 Dec 2019 17:13

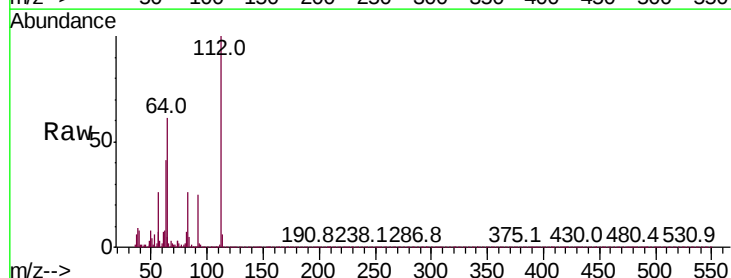
Tgt Ion:112 Resp: 173882

Ion Ratio Lower Upper

112 100

64 60.8 53.9 80.9

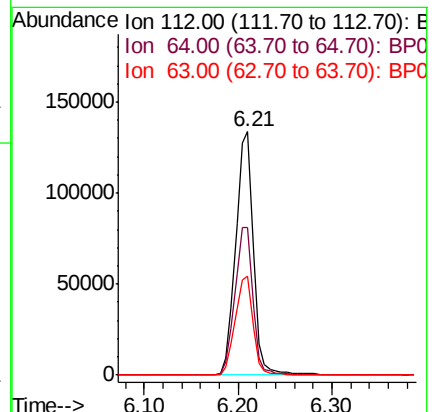
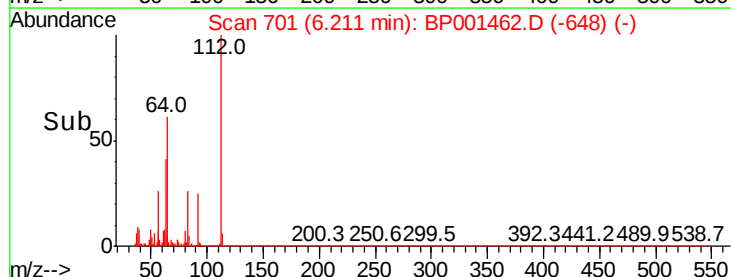
63 40.5 33.4 50.0

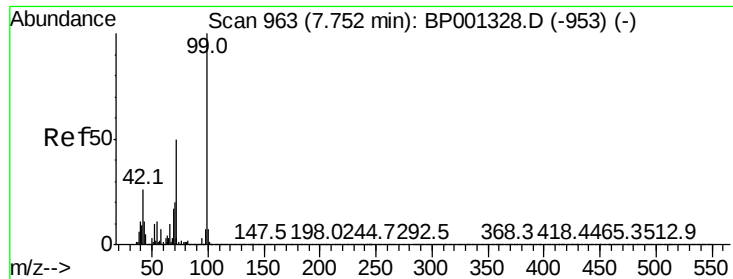


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 114.954 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001462.D

Acq: 27 Dec 2019 17:13

Instrument :

BNA_P

ClientSampleId :

PB125664BL

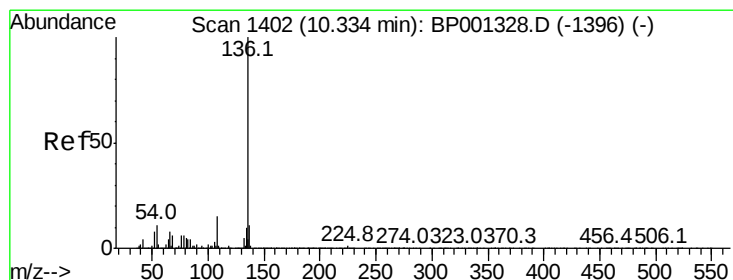
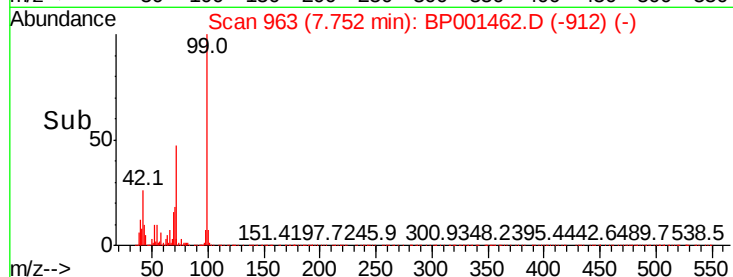
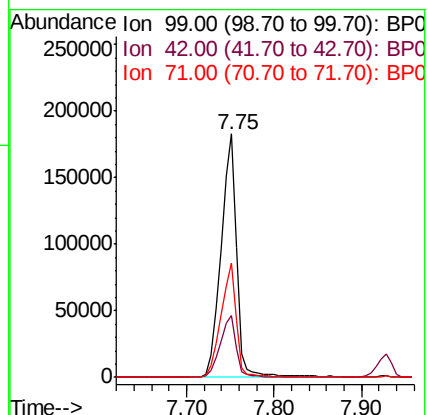
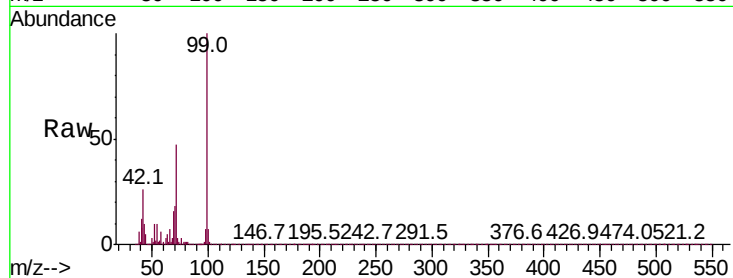
Tot Ion: 99 Resp: 228518

Ion Ratio Lower Upper

99 100

42 25.5 20.8 31.2

71 46.9 38.2 57.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BP001462.D

Acq: 27 Dec 2019 17:13

Tgt Ion: 136 Resp: 85297

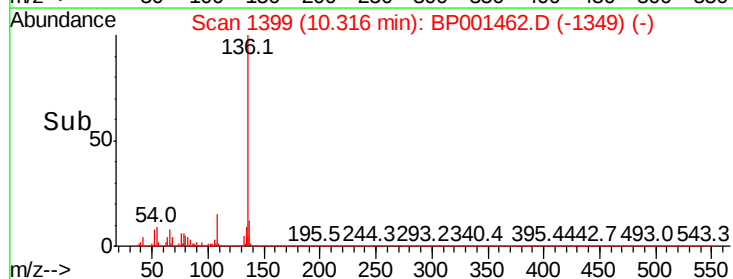
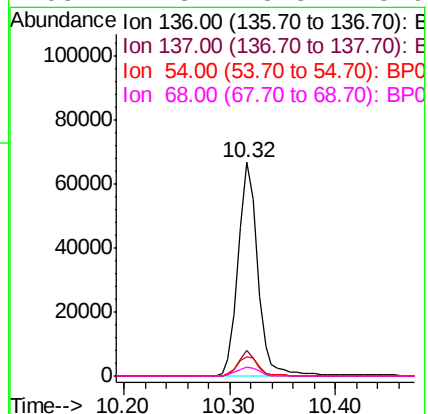
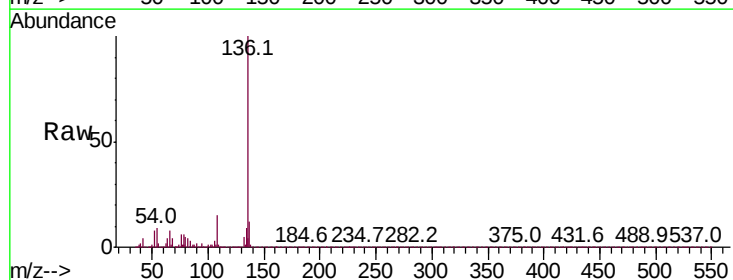
Ion Ratio Lower Upper

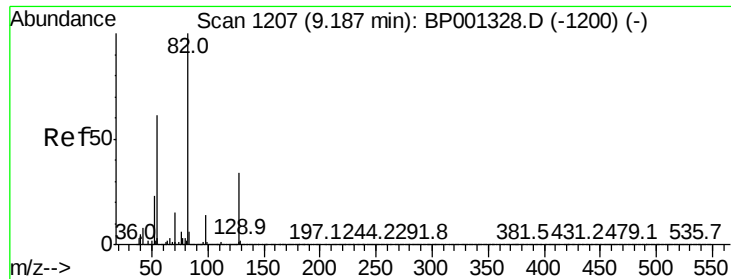
136 100

137 11.7 9.0 13.4

54 9.1 7.3 10.9

68 4.3 3.8 5.6

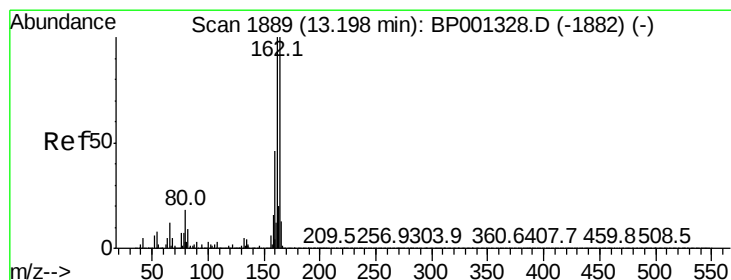
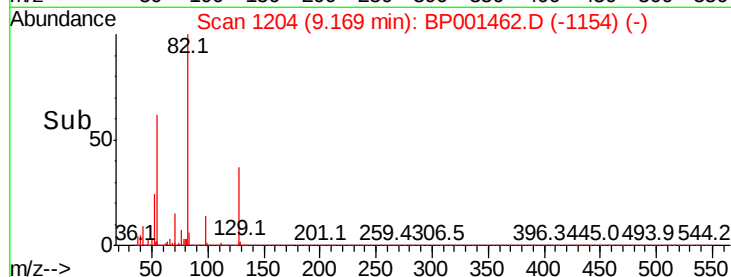
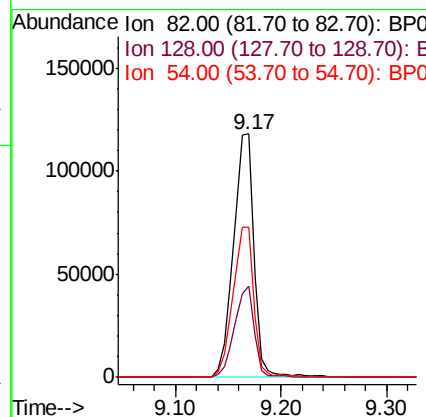
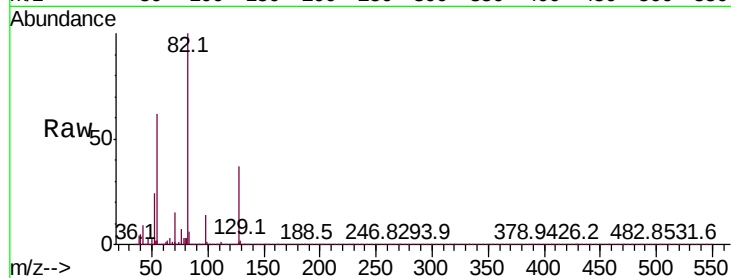




#23
 Nitrobenzene-d5
 Concen: 71.308 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001462.D
 Acq: 27 Dec 2019 17:13

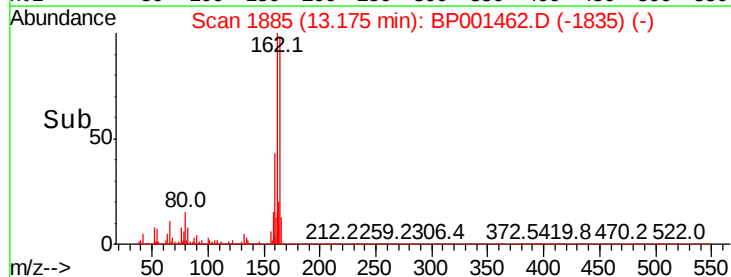
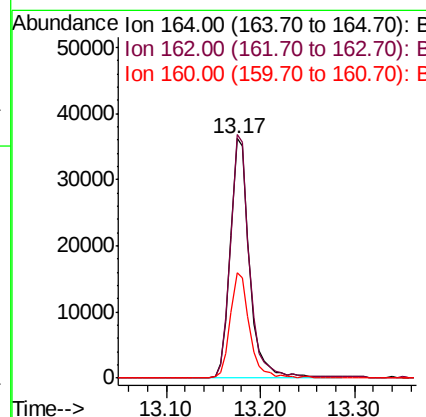
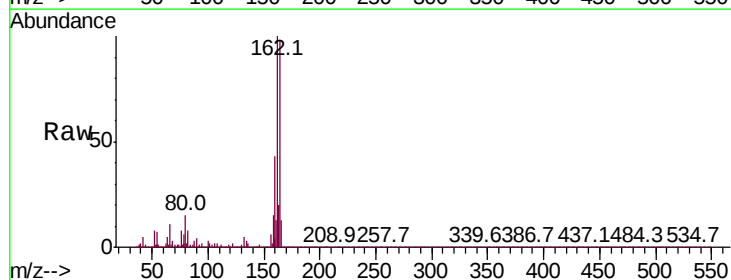
Instrument :
 BNA_P
 ClientSampleId :
 PB125664BL

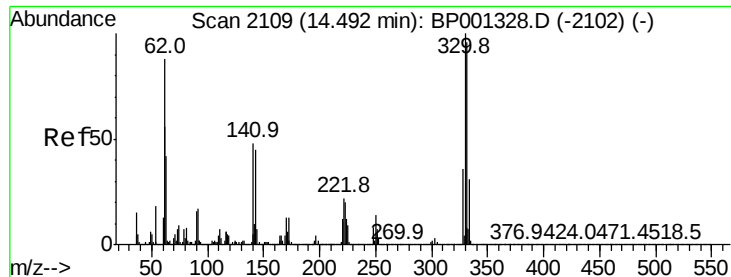
Tot Ion	82	Resp	158389
Ion Ratio	Lower	Upper	
82	100		
128	37.4	27.4	41.0
54	61.7	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BP001462.D
 Acq: 27 Dec 2019 17:13

Tgt Ion	164	Resp	51866
Ion Ratio	Lower	Upper	
164	100		
162	101.7	78.2	117.4
160	44.2	35.1	52.7

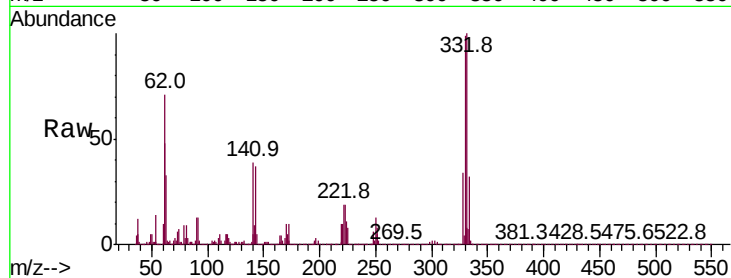




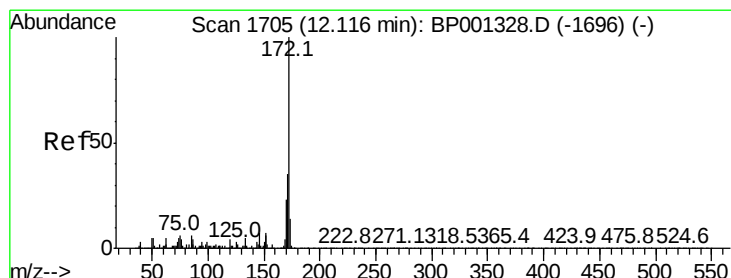
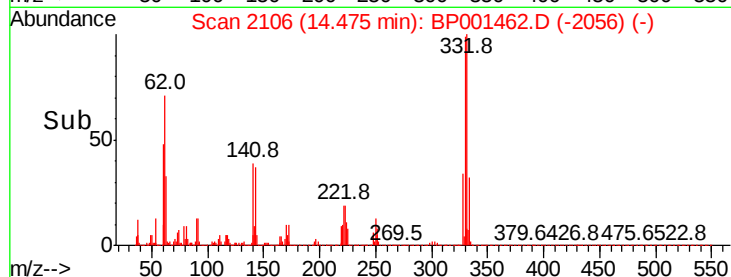
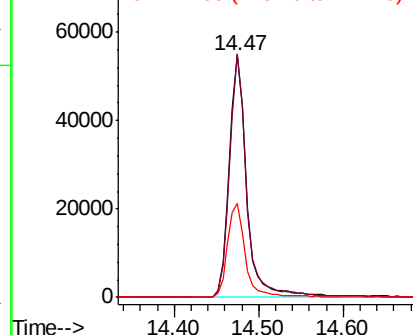
#42
2,4,6-Tribromophenol
Concen: 121.256 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001462.D
Acq: 27 Dec 2019 17:13

Instrument :
BNA_P
ClientSampleId :
PB125664BL

Tot Ion:330 Resp: 78628
Ion Ratio Lower Upper
330 100
332 98.6 78.3 117.5
141 40.2 26.8 40.2#

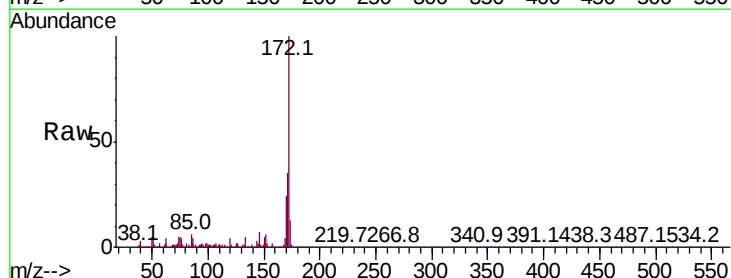


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

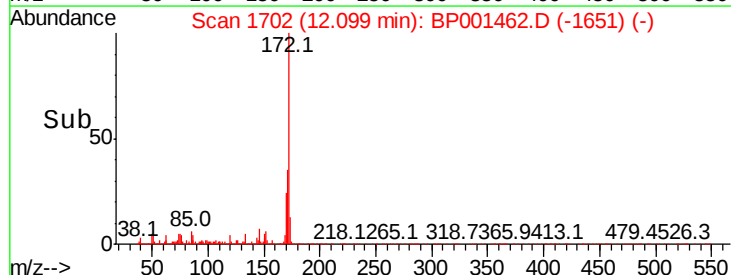
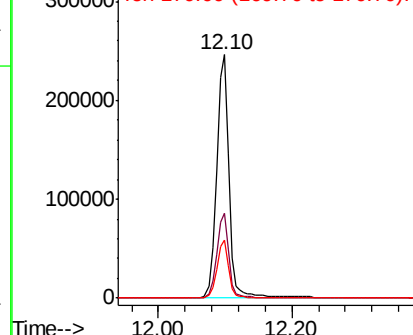


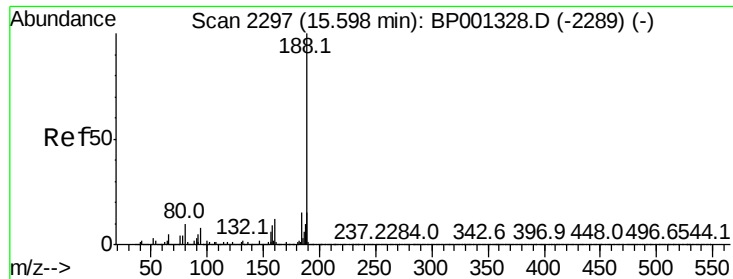
#45
2-Fluorobiphenyl
Concen: 78.878 ng
RT: 12.10 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BP001462.D
Acq: 27 Dec 2019 17:13

Tgt Ion:172 Resp: 323537
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 24.0 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: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001462.D

Acq: 27 Dec 2019 17:13

Instrument :

BNA_P

ClientSampleId :

PB125664BL

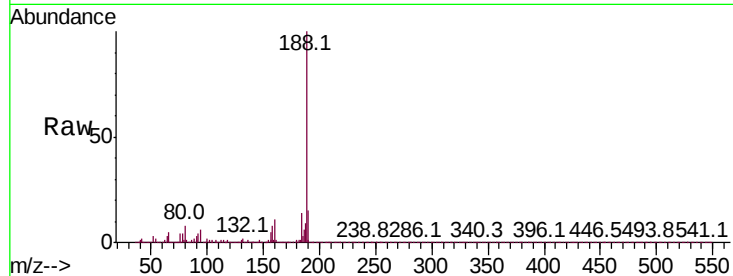
Tot Ion:188 Resp: 105813

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

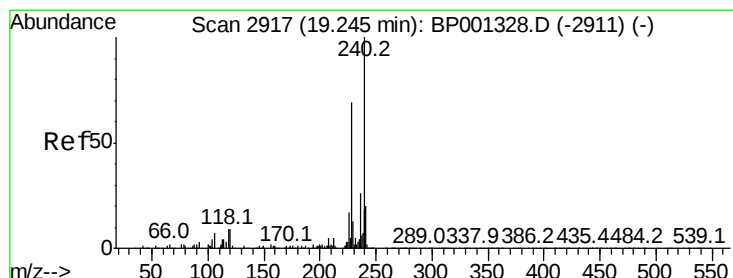
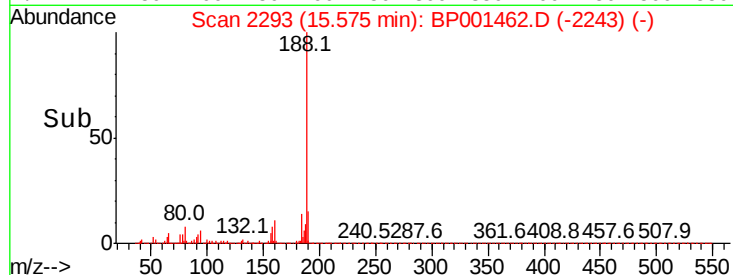
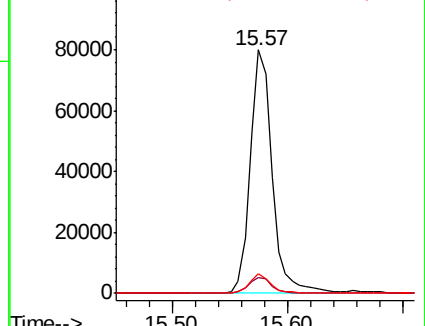
80 8.1 5.7 8.5



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: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001462.D

Acq: 27 Dec 2019 17:13

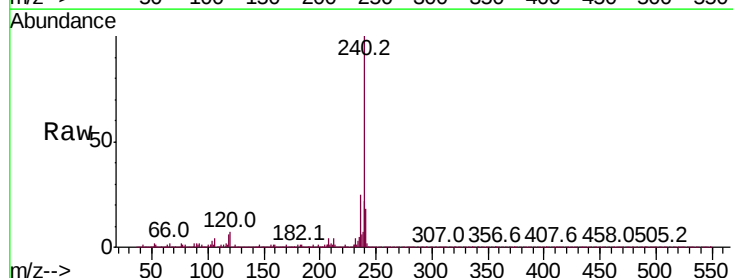
Tgt Ion:240 Resp: 89786

Ion Ratio Lower Upper

240 100

120 6.7 6.2 9.2

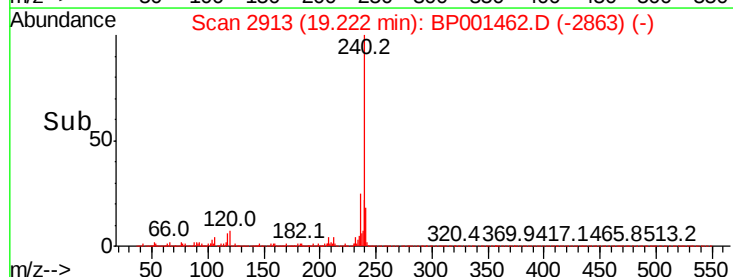
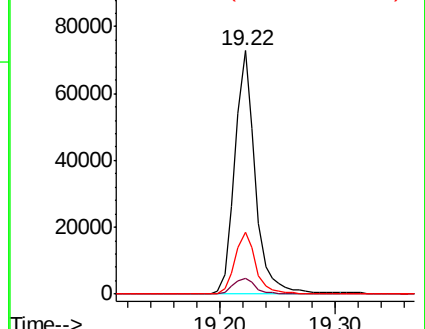
236 25.3 20.2 30.2

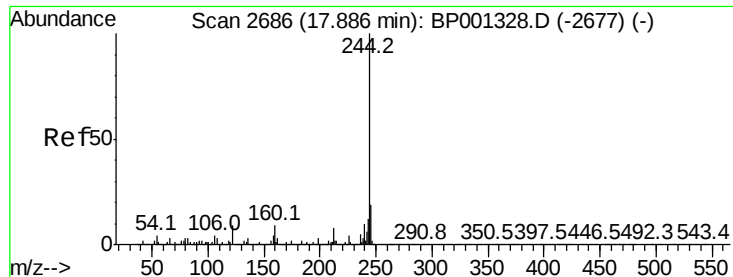


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.300 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001462.D

Acq: 27 Dec 2019 17:13

Instrument :

BNA_P

ClientSampleId :

PB125664BL

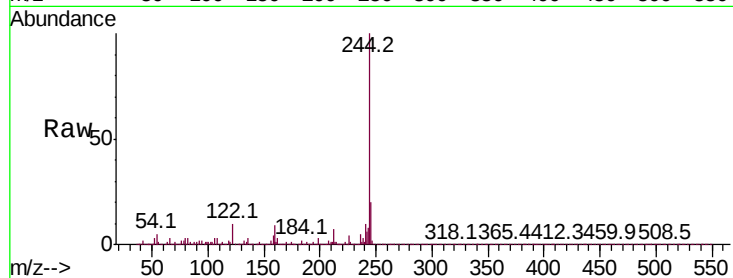
Tot Ion:244 Resp: 462883

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

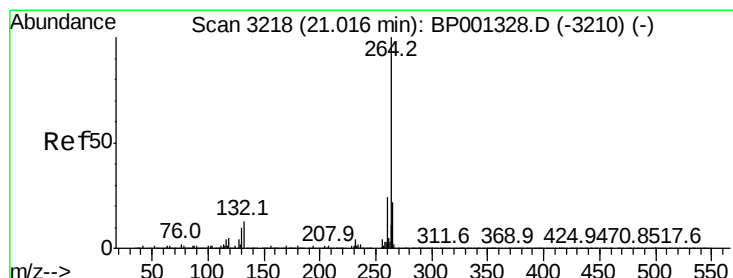
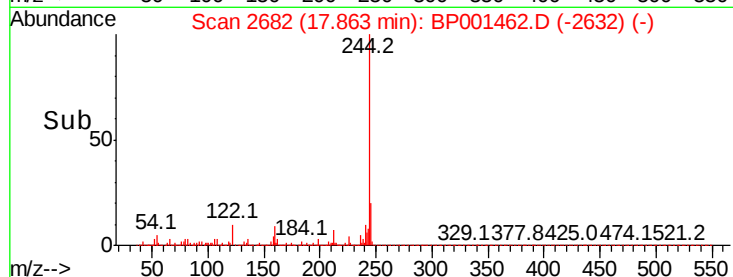
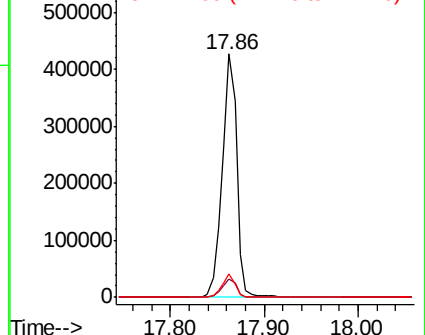
122 9.6 6.4 9.6



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: BP001462.D

Acq: 27 Dec 2019 17:13

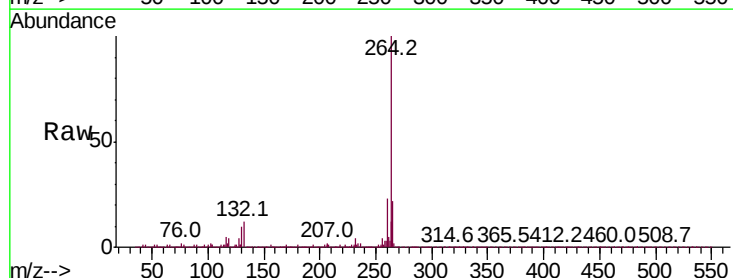
Tgt Ion:264 Resp: 94157

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.9 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

