

Data File : BP001672.D
Acq On : 21 Jan 2020 16:39
Operator : CG/JU
Sample : L1166-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
QVD-WC-S-SB-BC

Quant Time: Jan 22 03:34:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

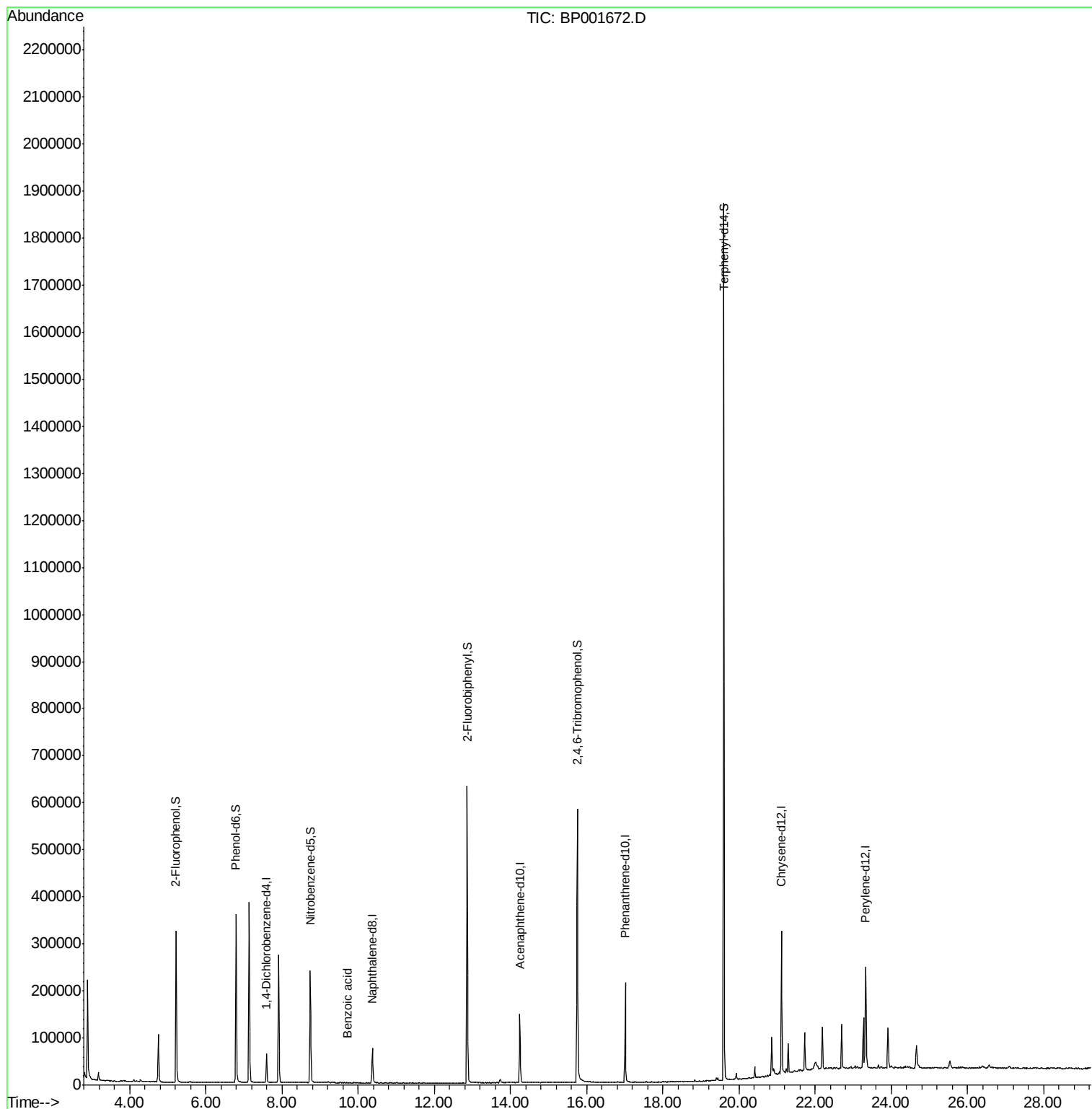
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	13812	20.00	ng	-0.05
21) Naphthalene-d8	10.37	136	55171	20.00	ng	-0.05
39) Acenaphthene-d10	14.25	164	46498	20.00	ng	-0.04
64) Phenanthrene-d10	17.01	188	126764	20.00	ng	-0.04
76) Chrysene-d12	21.11	240	141661	20.00	ng	-0.05
87) Perylene-d12	23.32	264	157583	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	110304	156.44	ng	-0.05
7) Phenol-d6	6.79	99	156979	139.31	ng	-0.04
23) Nitrobenzene-d5	8.74	82	127023	100.61	ng	-0.05
42) 2,4,6-Tribromophenol	15.75	330	97370	137.57	ng	-0.04
45) 2-Fluorobiphenyl	12.86	172	300796	95.11	ng	-0.04
79) Terphenyl-d14	19.60	244	792162	102.28	ng	-0.04
Target Compounds						
32) Benzoic acid	9.70	122	5	4.710	ng	Qvalue # 61

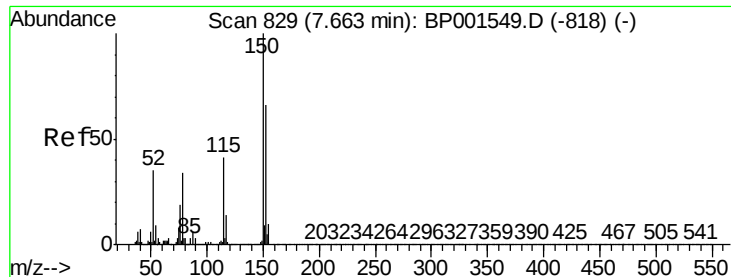
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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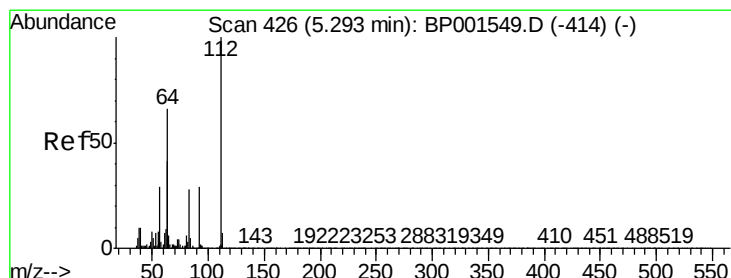
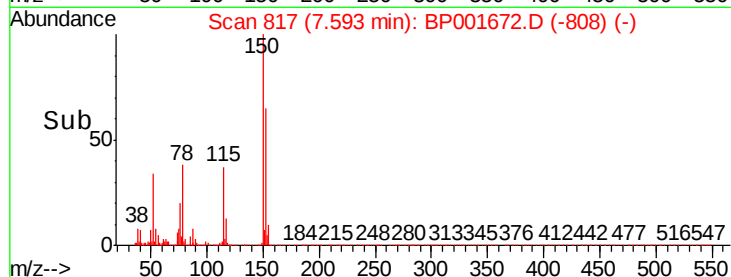
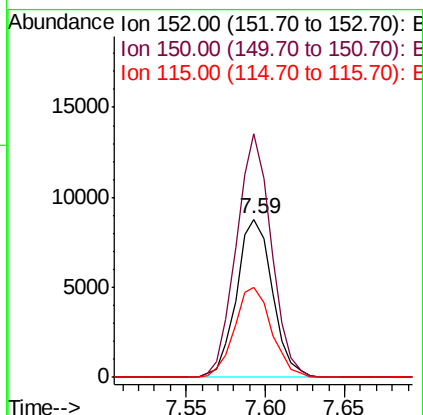
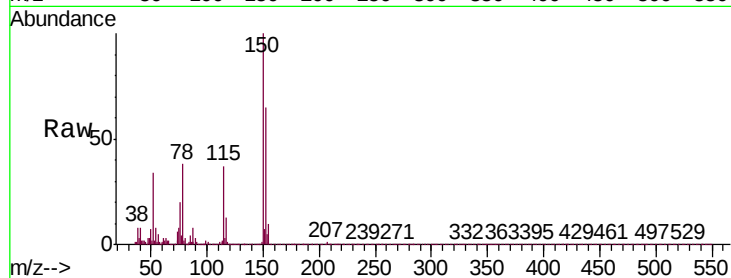


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 817
Delta R.T. -0.05 min
Lab File: BP001672.D
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Instrument :
BNA_P
ClientSampleId :
QVD-WC-S-SB-BC

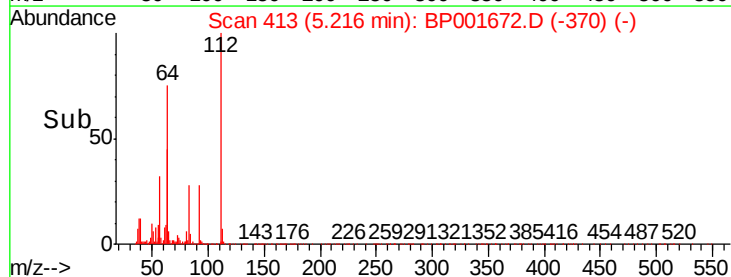
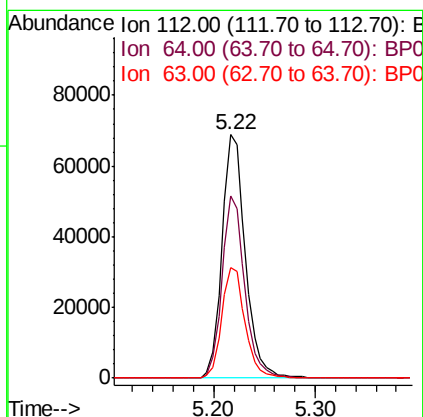
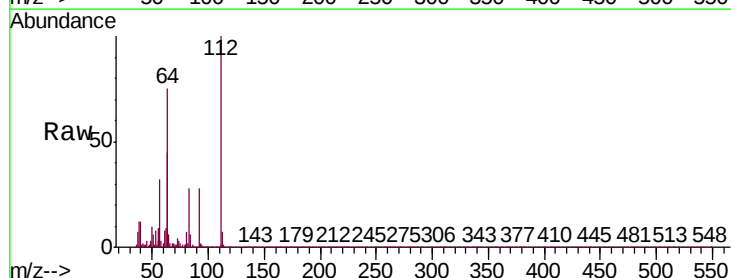
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.0	183.0
115	57.0	50.7	76.1

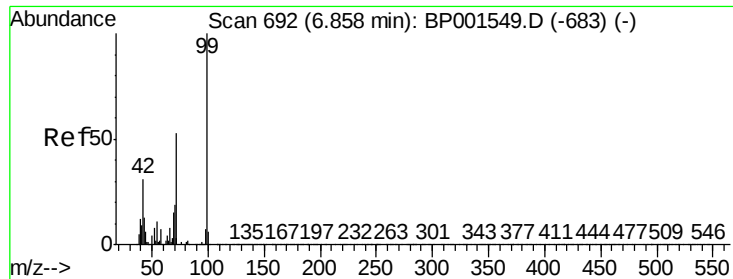


#5

2-Fluorophenol
Concen: 156.440 ng
RT: 5.22 min Scan# 413
Delta R.T. -0.05 min
Lab File: BP001672.D
Acq: 21 Jan 2020 16:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	52.8	79.2
63	45.5	33.1	49.7





#7

Phenol-d6

Concen: 139.306 ng

RT: 6.79 min Scan# 681

Delta R.T. -0.04 min

Lab File: BP001672.D

Acq: 21 Jan 2020 16:39

Instrument :

BNA_P

ClientSampleId :

QVD-WC-S-SB-BC

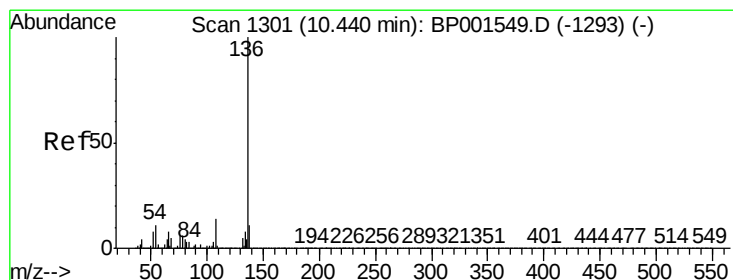
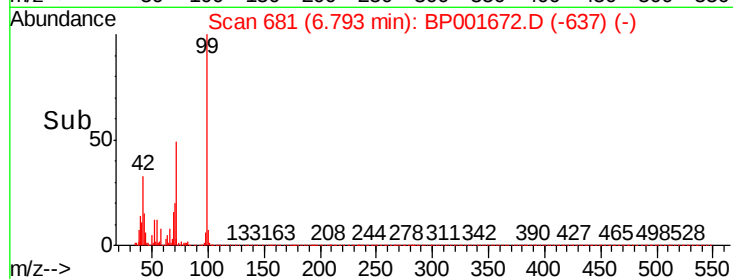
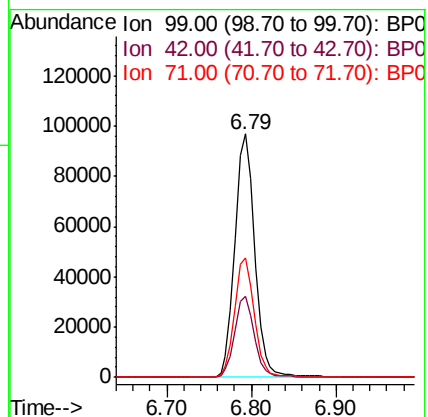
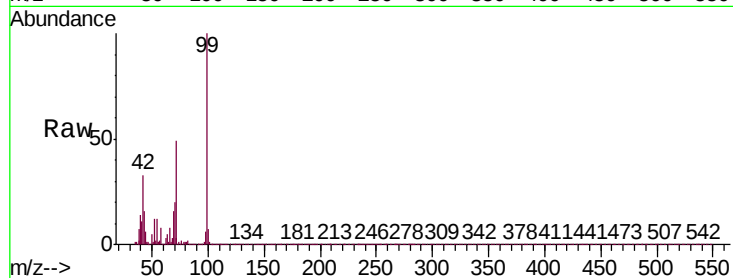
Tgt Ion: 99 Resp: 156979

Ion Ratio Lower Upper

99 100

42 33.1 24.5 36.7

71 48.8 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BP001672.D

Acq: 21 Jan 2020 16:39

Tgt Ion: 136 Resp: 55171

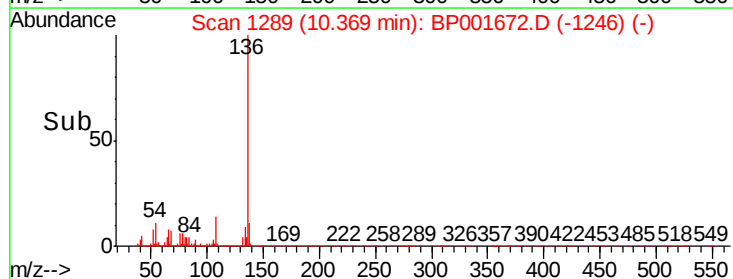
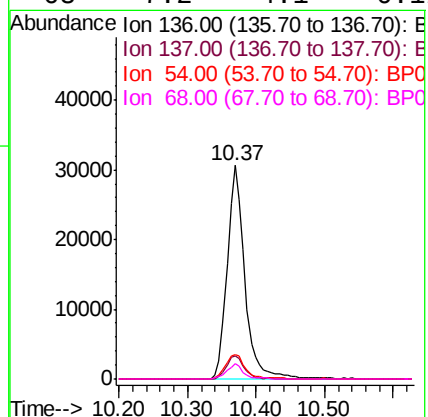
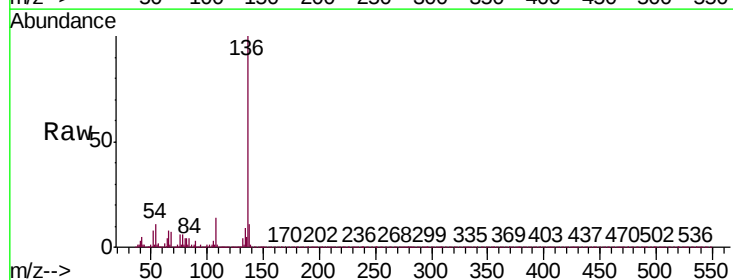
Ion Ratio Lower Upper

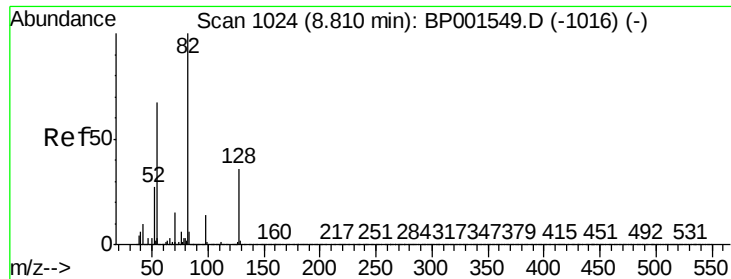
136 100

137 10.9 8.6 12.8

54 11.5 9.2 13.8

68 7.2 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 100.607 ng

RT: 8.74 min Scan# 1012

Delta R.T. -0.05 min

Lab File: BP001672.D

Acq: 21 Jan 2020 16:39

Instrument :

BNA_P

ClientSampleId :

QVD-WC-S-SB-BC

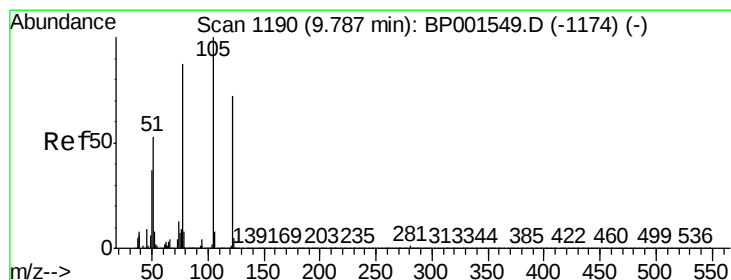
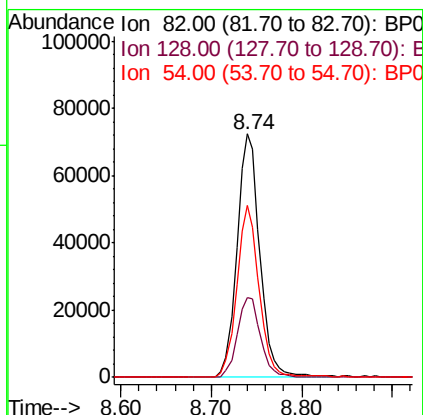
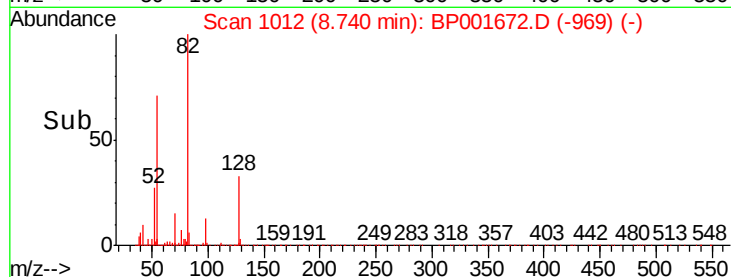
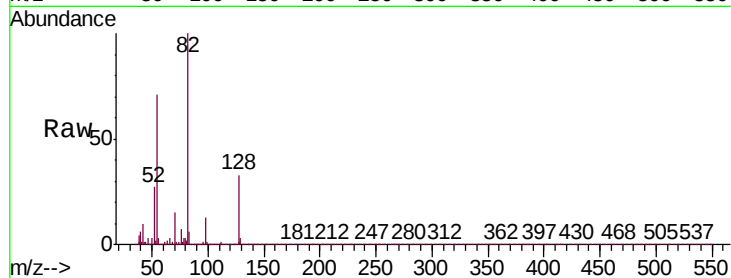
Tgt Ion: 82 Resp: 127023

Ion Ratio Lower Upper

82 100

128 32.9 28.4 42.6

54 70.9 53.4 80.2



#32

Benzoic acid

Concen: 4.710 ng

RT: 9.70 min Scan# 1176

Delta R.T. -0.05 min

Lab File: BP001672.D

Acq: 21 Jan 2020 16:39

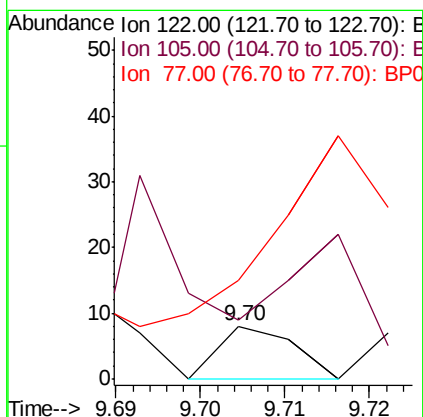
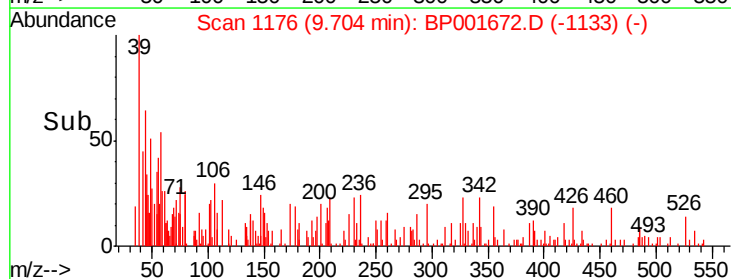
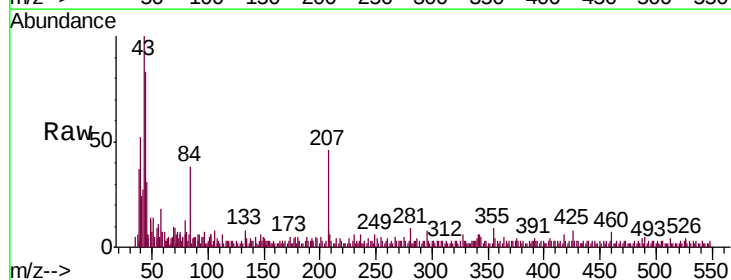
Tgt Ion: 122 Resp: 5

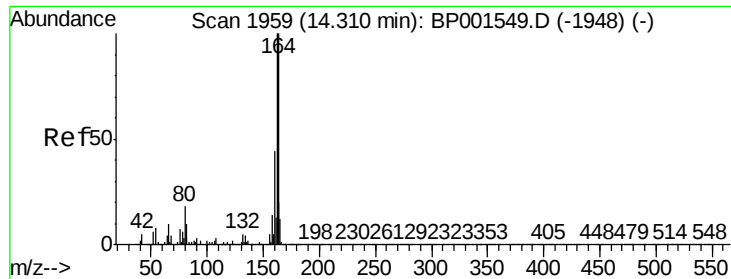
Ion Ratio Lower Upper

122 100

105 112.5 119.5 159.5#

77 187.5 102.8 142.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1948

Delta R.T. -0.04 min

Lab File: BP001672.D

Acq: 21 Jan 2020 16:39

Instrument :

BNA_P

ClientSampleId :

QVD-WC-S-SB-BC

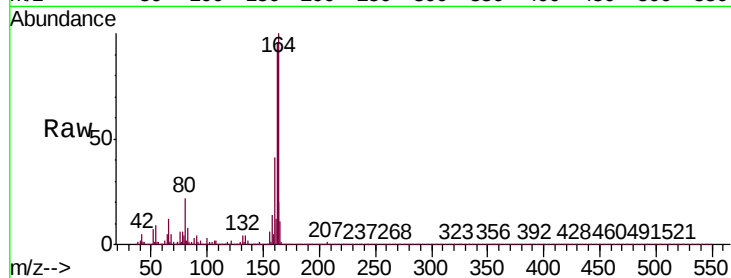
Tgt Ion:164 Resp: 46498

Ion Ratio Lower Upper

164 100

162 96.4 79.8 119.6

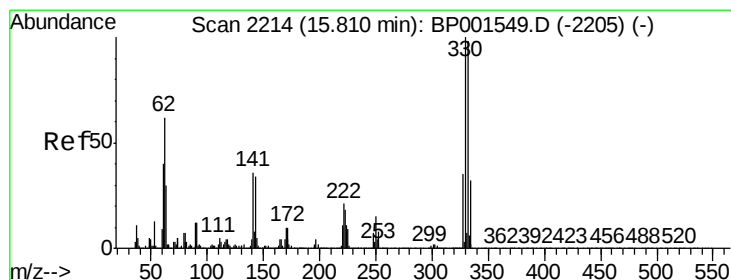
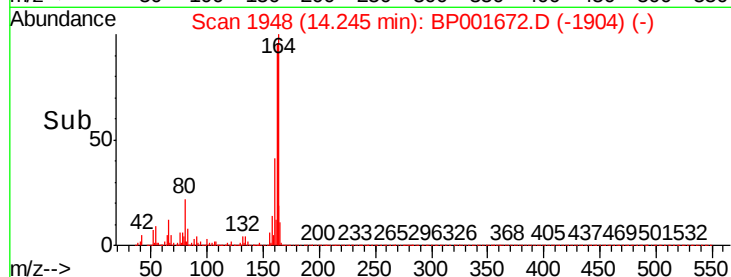
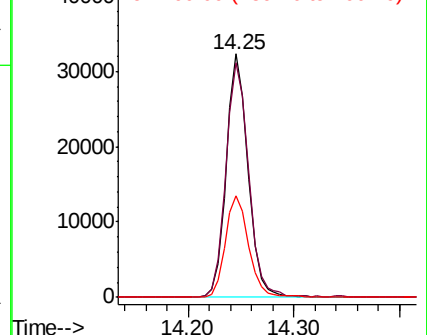
160 41.5 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 137.569 ng

RT: 15.75 min Scan# 2204

Delta R.T. -0.04 min

Lab File: BP001672.D

Acq: 21 Jan 2020 16:39

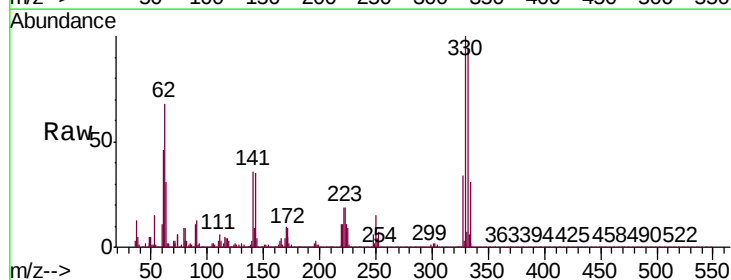
Tgt Ion:330 Resp: 97370

Ion Ratio Lower Upper

330 100

332 100.5 77.8 116.6

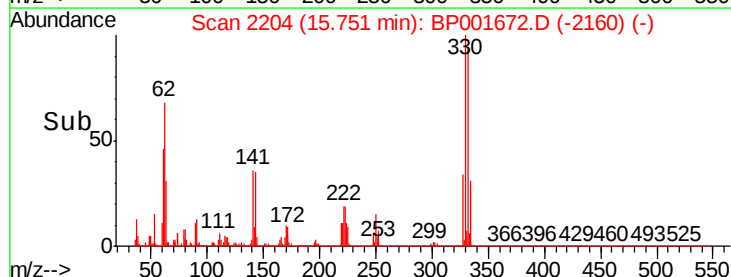
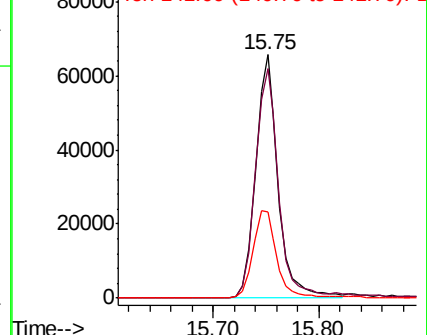
141 38.1 28.7 43.1

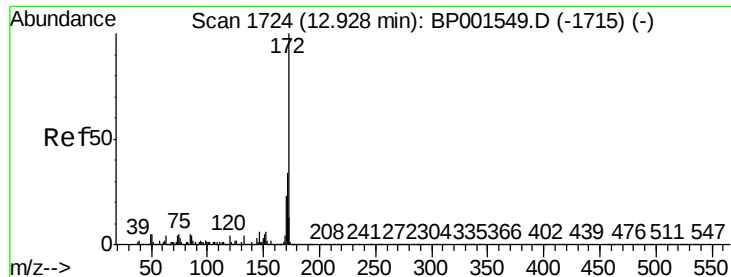


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

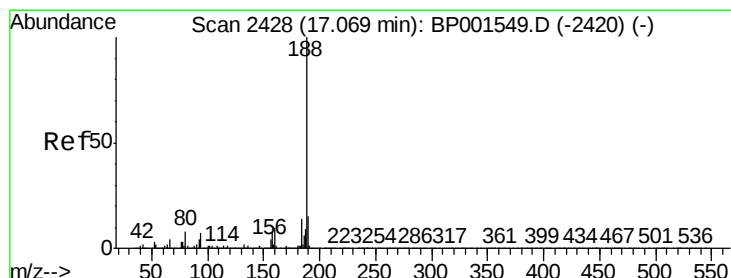
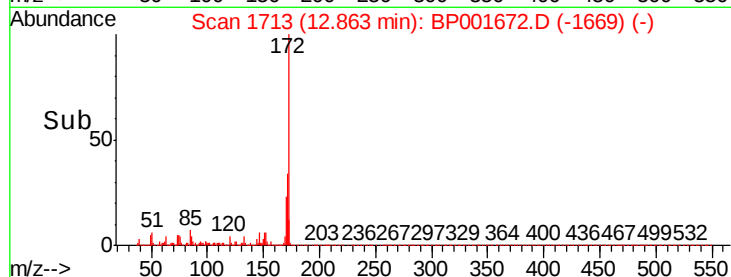
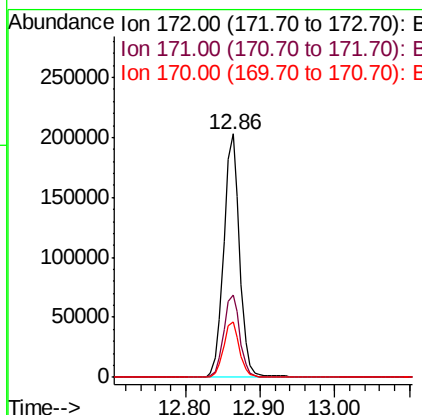
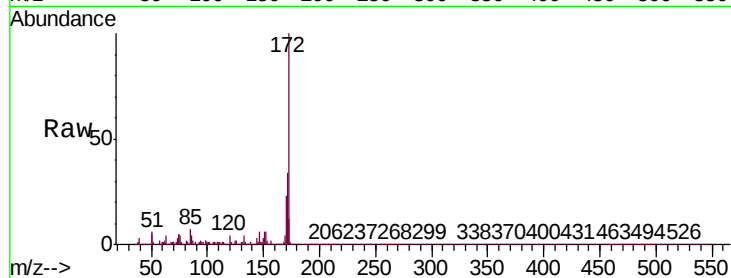




#45
 2-Fluorobiphenyl
 Concen: 95.112 ng
 RT: 12.86 min Scan# 1713
 Delta R.T. -0.04 min
 Lab File: BP001672.D
 Acq: 21 Jan 2020 16:39

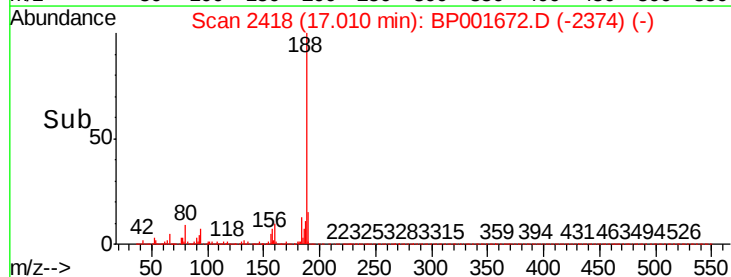
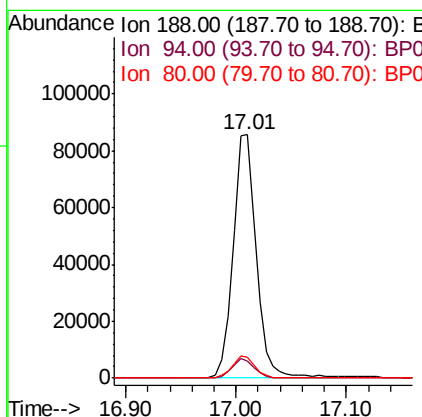
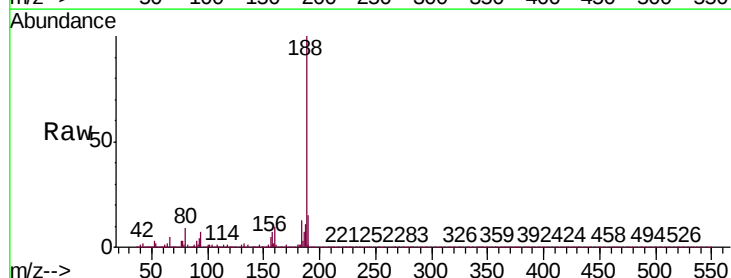
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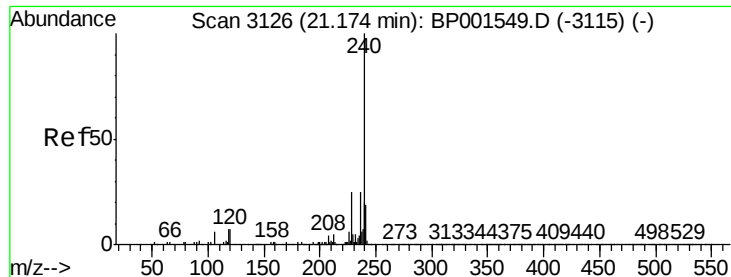
Tgt Ion:172 Resp: 300796
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.6 41.4
 170 22.7 18.3 27.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.01 min Scan# 2418
 Delta R.T. -0.04 min
 Lab File: BP001672.D
 Acq: 21 Jan 2020 16:39

Tgt Ion:188 Resp: 126764
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.9 8.9
 80 8.7 6.8 10.2

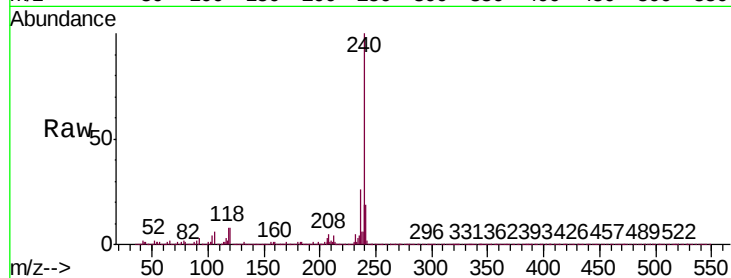




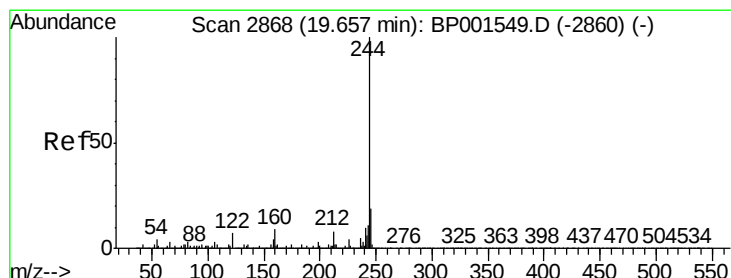
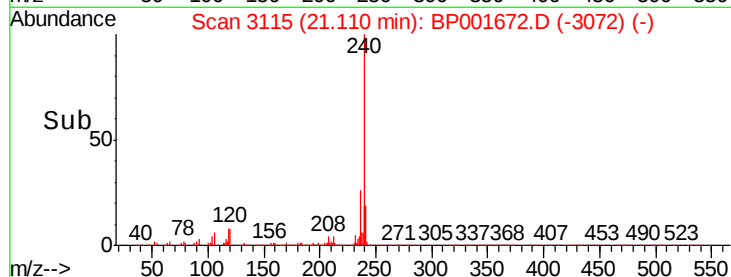
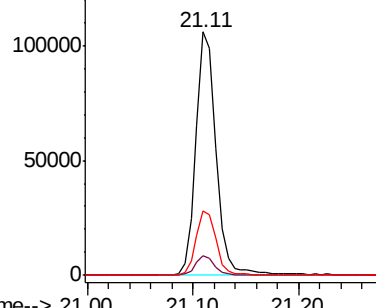
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3115
Delta R.T. -0.05 min
Lab File: BP001672.D
Acq: 21 Jan 2020 16:39

Instrument :
BNA_P
ClientSampleId :
QVD-WC-S-SB-BC

Tgt Ion:240 Resp: 141661
Ion Ratio Lower Upper
240 100
120 8.2 5.7 8.5
236 26.2 20.4 30.6

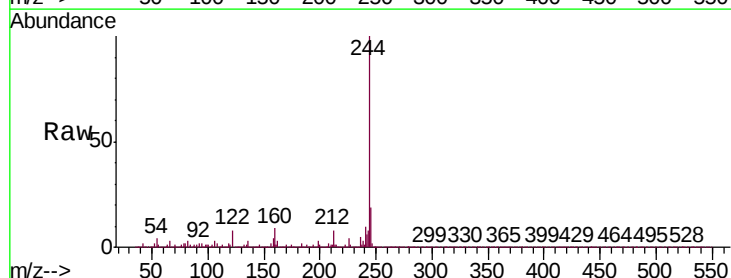


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

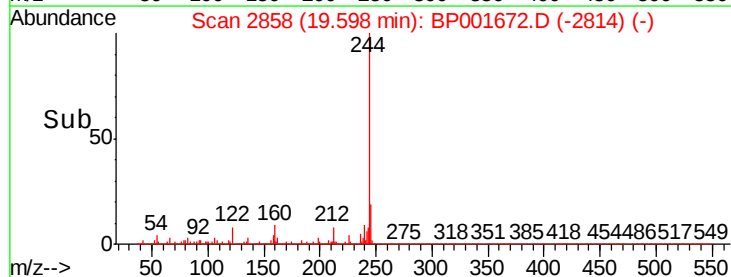
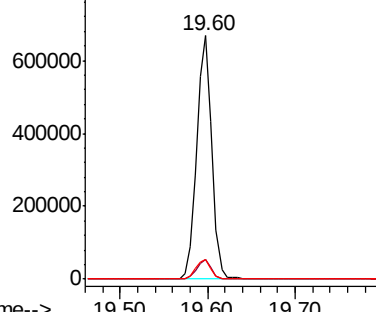


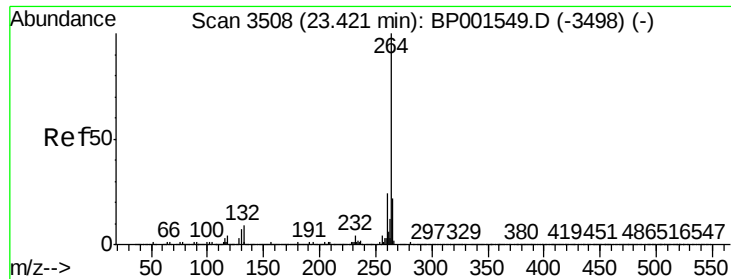
#79
Terphenyl-d14
Concen: 102.279 ng
RT: 19.60 min Scan# 2858
Delta R.T. -0.04 min
Lab File: BP001672.D
Acq: 21 Jan 2020 16:39

Tgt Ion:244 Resp: 792162
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 7.9 5.8 8.6



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: 23.32 min Scan# 3491
Delta R.T. -0.07 min
Lab File: BP001672.D
Acq: 21 Jan 2020 16:39

Instrument :
BNA_P
ClientSampleId :
QVD-WC-S-SB-BC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.0	28.6
265	21.8	18.2	27.4

