

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001603.D
 Acq On : 15 Jan 2020 00:02
 Operator : JU
 Sample : L1106-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CIY1-WC-SB-01

Quant Time: Jan 15 00:53:35 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	7.63	152	25821	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	90224	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	61998	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	145979	20.00	ng	0.00
76) Chrysene-d12	21.15	240	139110	20.00	ng	-0.01
87) Perylene-d12	23.37	264	150909	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	188103	142.70	ng	0.00
7) Phenol-d6	6.83	99	224048	106.35	ng	0.00
23) Nitrobenzene-d5	8.78	82	209223	101.33	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	120920	128.13	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	418636	99.28	ng	0.00
79) Terphenyl-d14	19.63	244	836503	109.98	ng	0.00

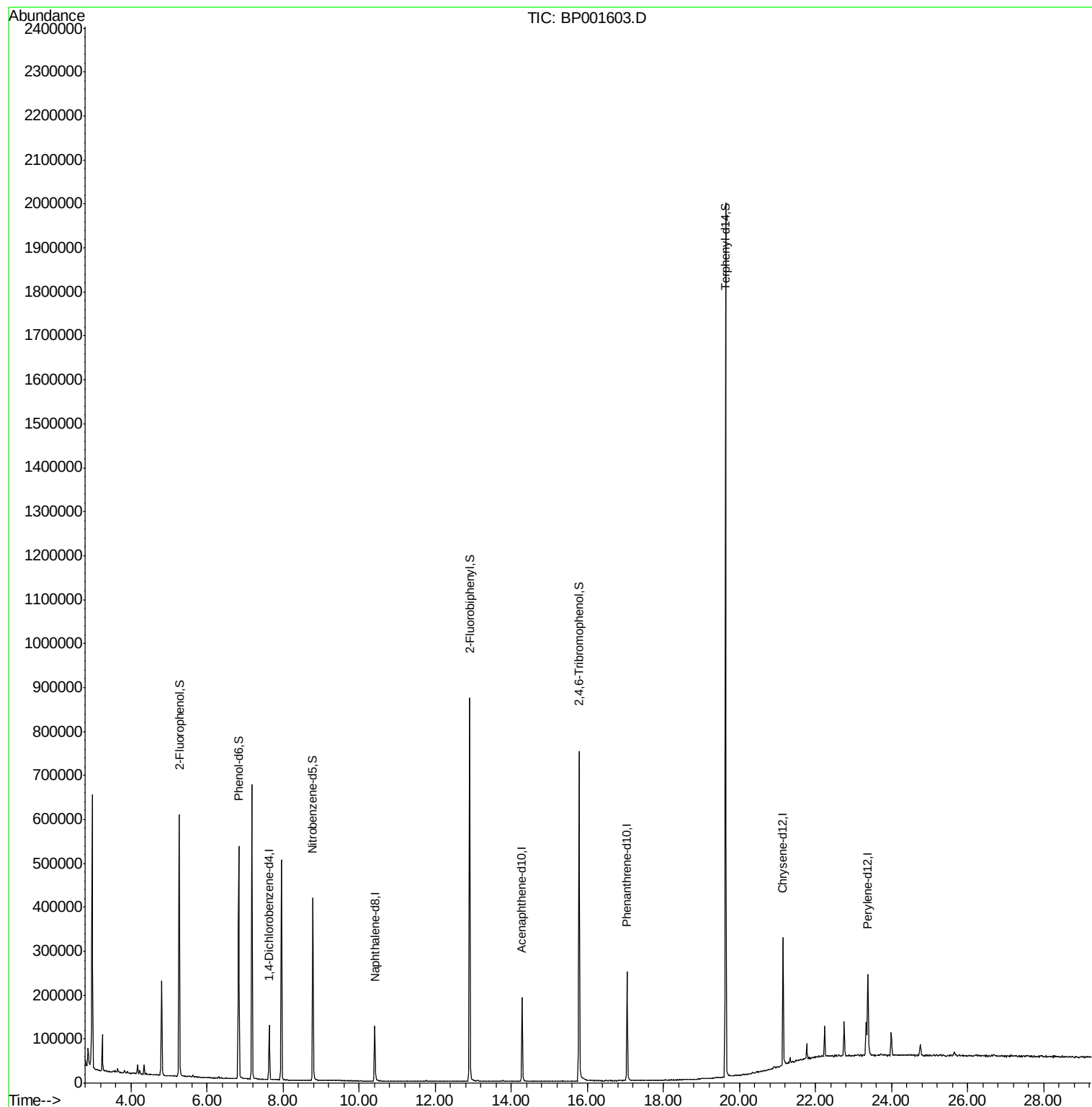
Target Compounds Qvalue

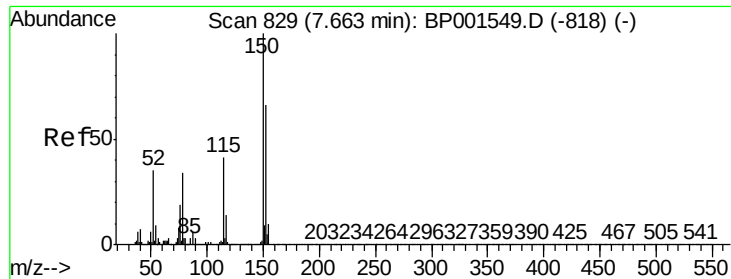
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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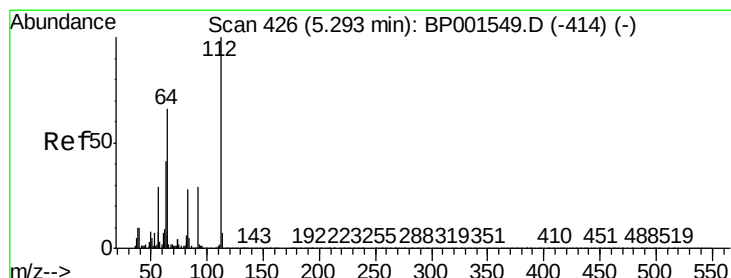
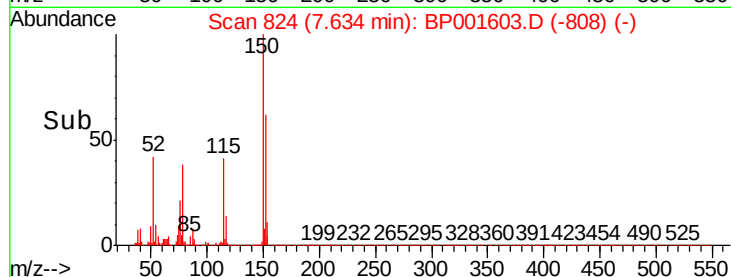
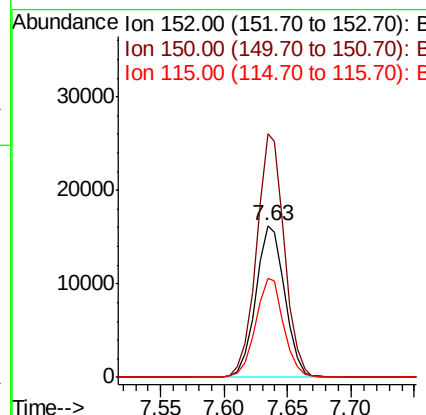
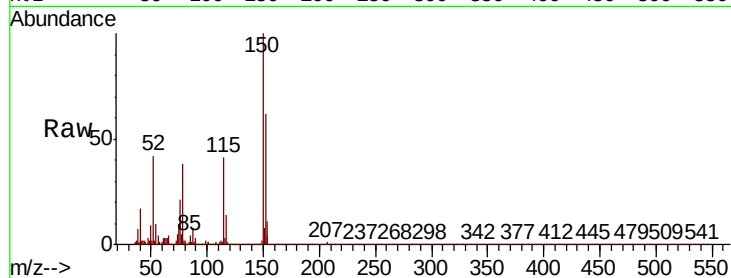




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

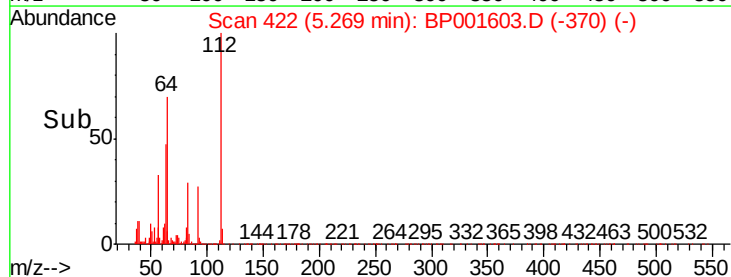
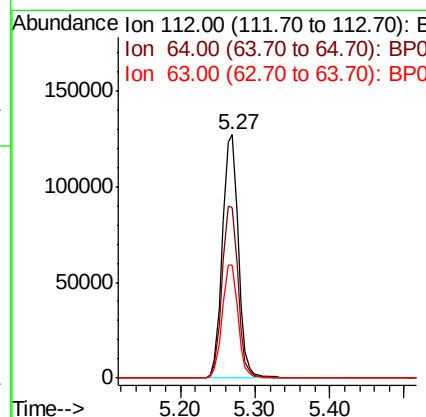
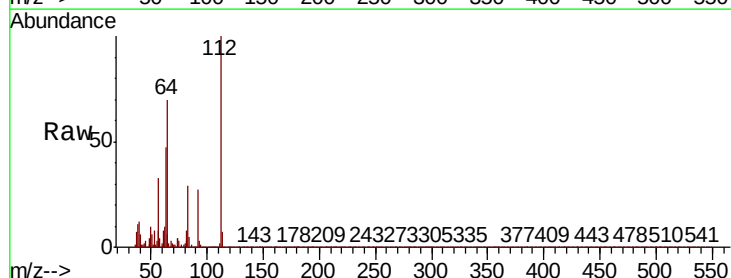
Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-01

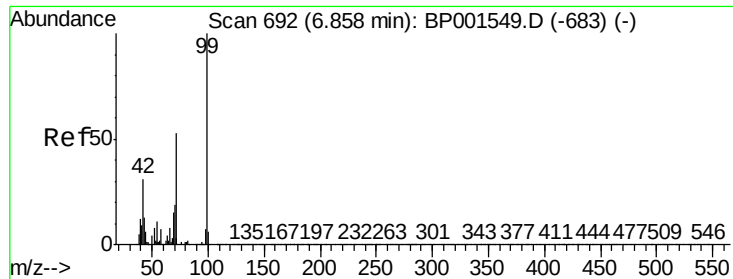
Tot Ion:152 Resp: 25821
Ion Ratio Lower Upper
152 100
150 160.1 122.0 183.0
115 65.5 50.7 76.1



#5
2-Fluorophenol
Concen: 142.704 ng
RT: 5.27 min Scan# 422
Delta R.T. 0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Tgt Ion:112 Resp: 188103
Ion Ratio Lower Upper
112 100
64 70.0 52.8 79.2
63 46.7 33.1 49.7





#7

Phenol-d6

Concen: 106.353 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

Instrument :

BNA_P

ClientSampleId :

CIY1-WC-SB-01

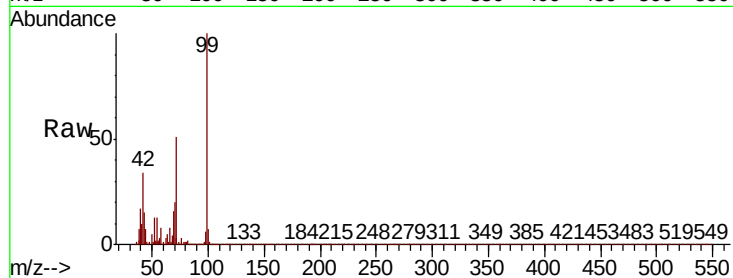
Tot Ion: 99 Resp: 224048

Ion Ratio Lower Upper

99 100

42 33.6 24.5 36.7

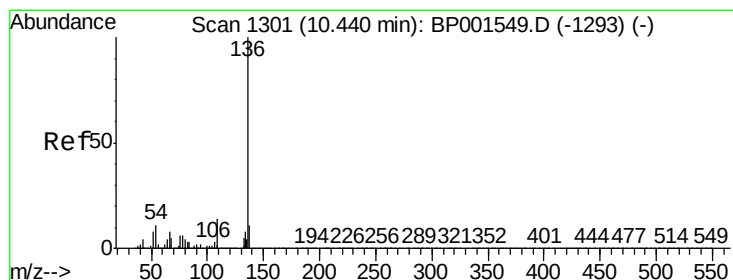
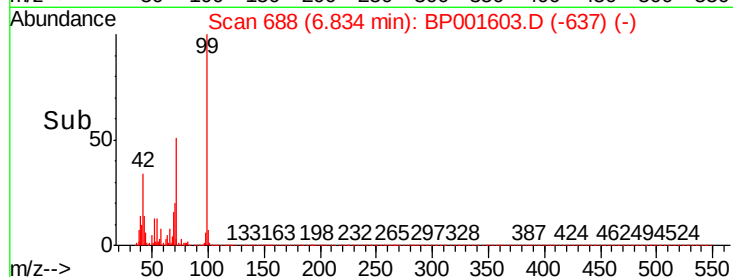
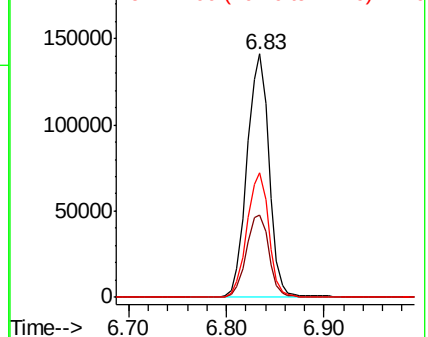
71 51.2 42.4 63.6



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: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

Tgt Ion: 136 Resp: 90224

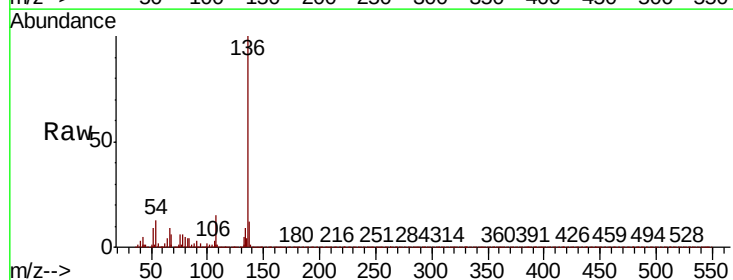
Ion Ratio Lower Upper

136 100

137 11.8 8.6 12.8

54 13.1 9.2 13.8

68 5.5 4.1 6.1

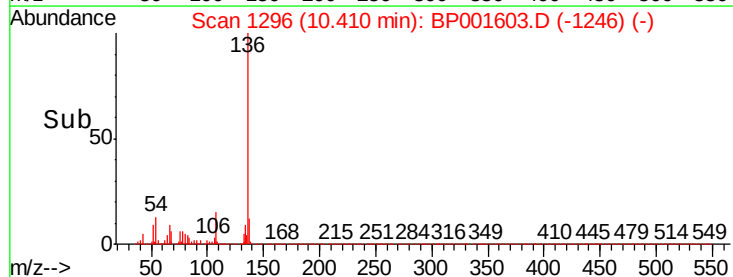
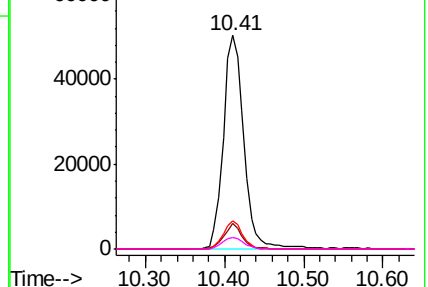


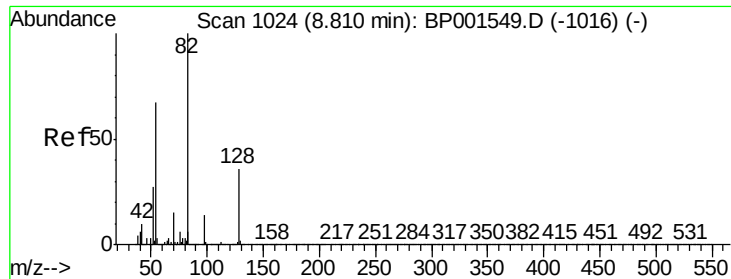
Abundance Ion 136.00 (135.70 to 136.70): E

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

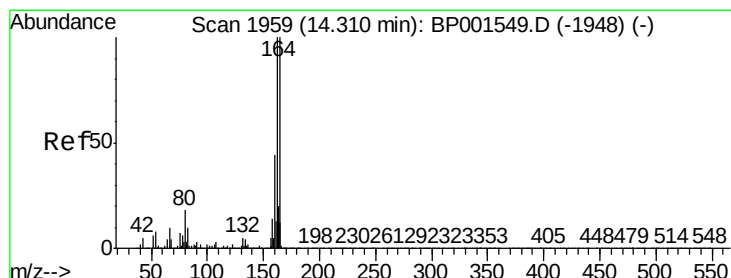
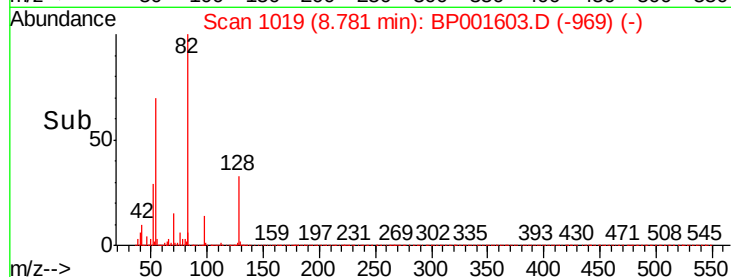
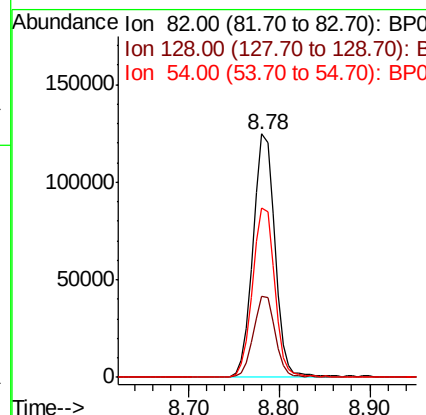
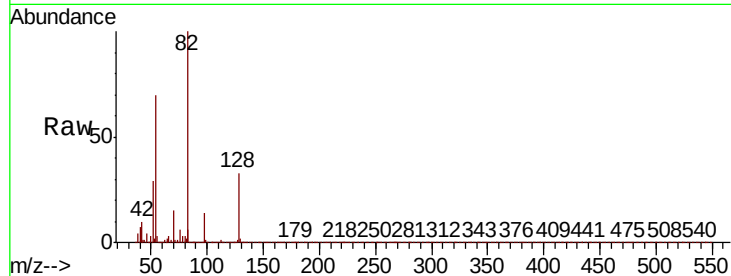




#23
Nitrobenzene-d5
Concen: 101.331 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

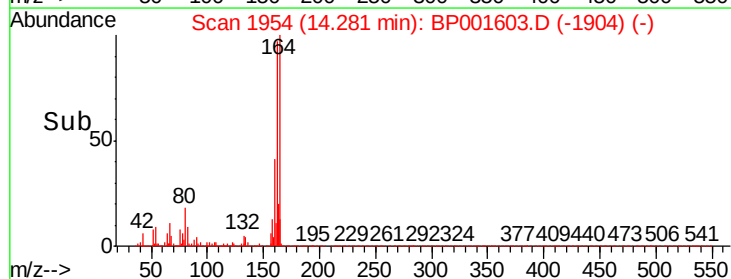
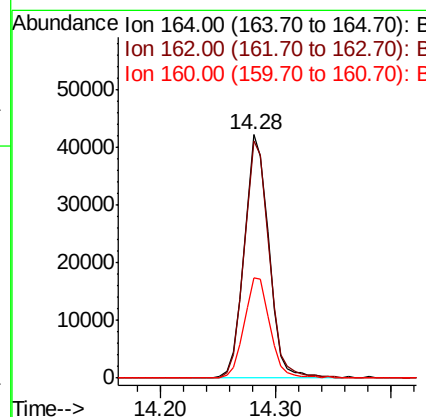
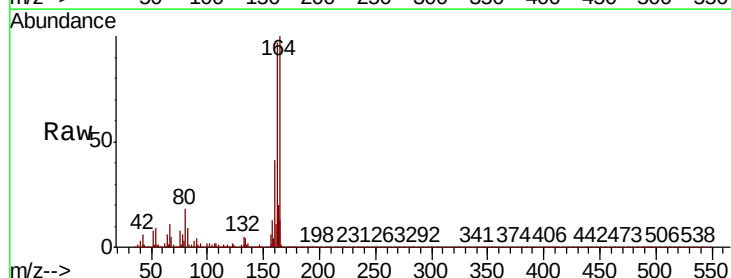
Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-01

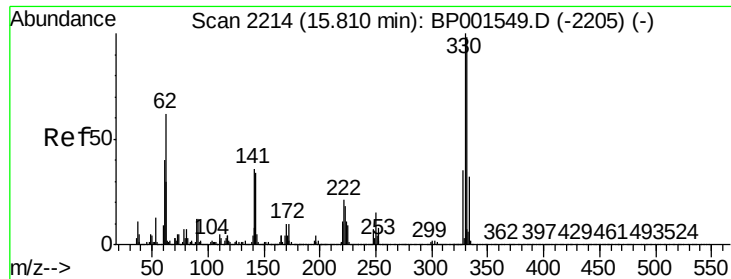
Tot Ion	82	Resp	209223
Ion Ratio	Lower	Upper	
82	100		
128	33.5	28.4	42.6
54	69.5	53.4	80.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Tgt Ion	164	Resp	61998
Ion Ratio	Lower	Upper	
164	100		
162	97.4	79.8	119.6
160	41.4	35.0	52.6

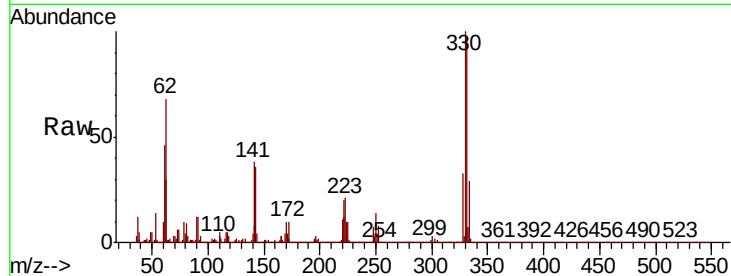




#42
2,4,6-Tribromophenol
Concen: 128.129 ng
RT: 15.79 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	38.7	28.7	43.1

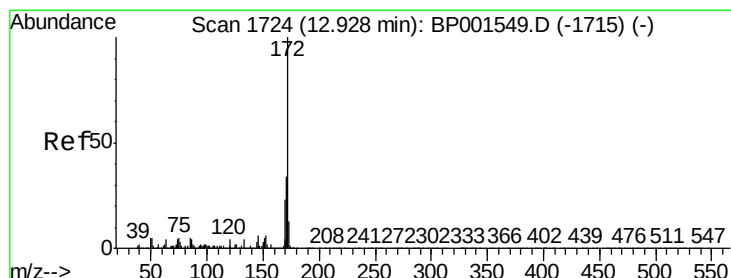
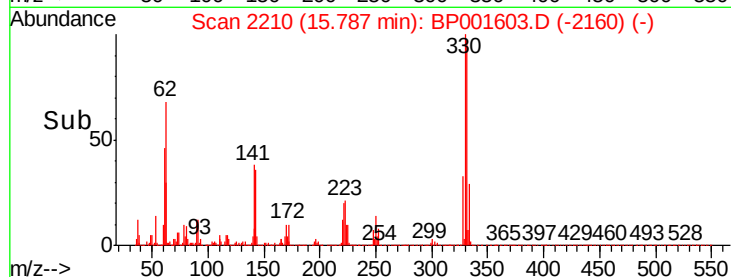
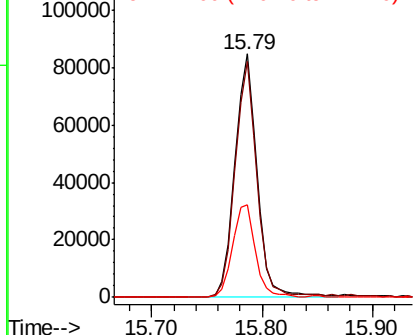


Abundance

Ion 329.80 (329.50 to 330.50): E

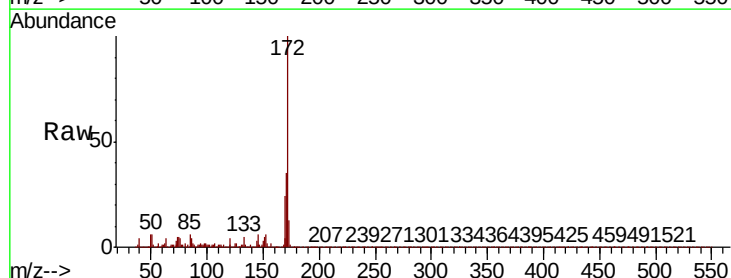
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 99.279 ng
RT: 12.90 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.6	41.4
170	24.3	18.3	27.5

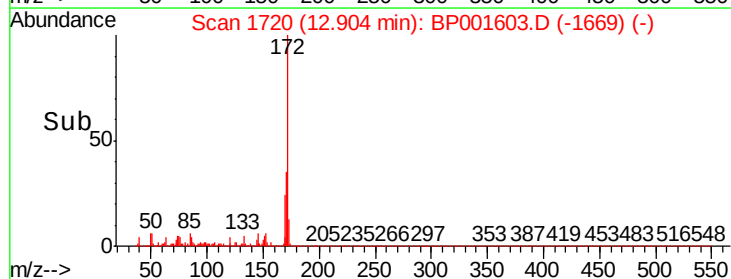
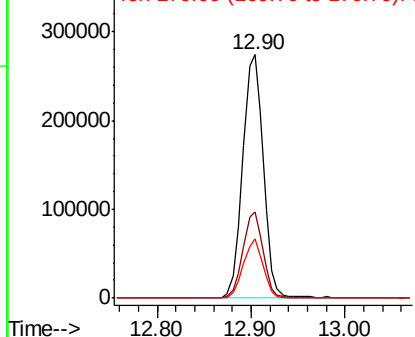


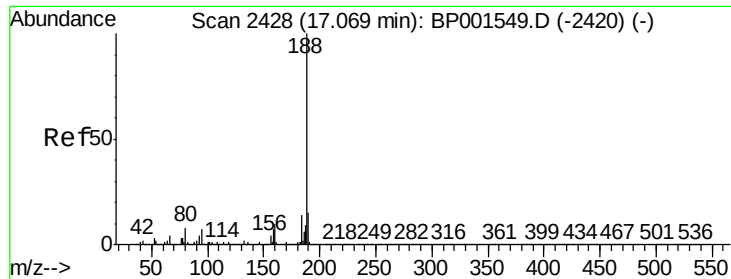
Abundance

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

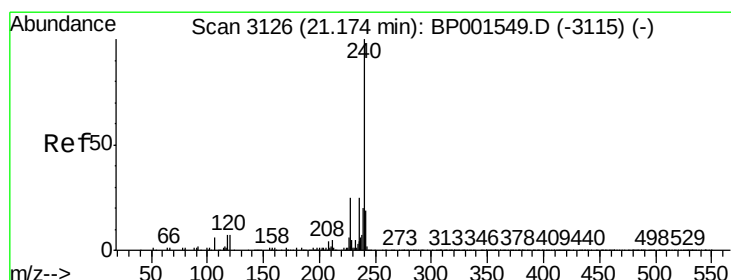
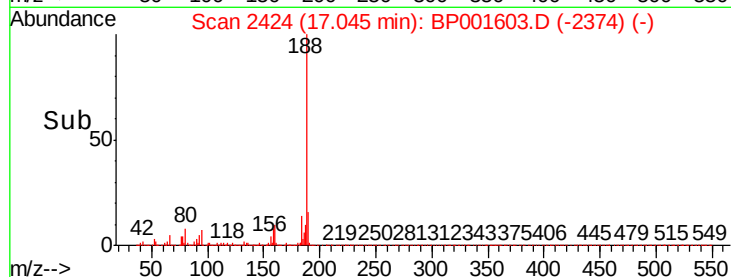
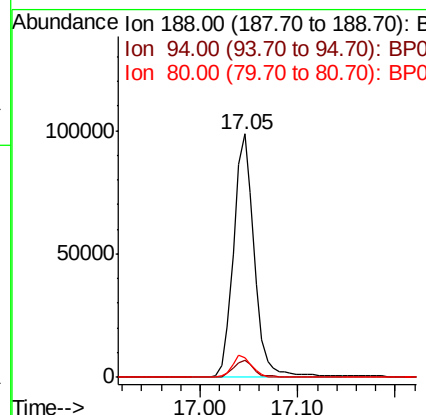
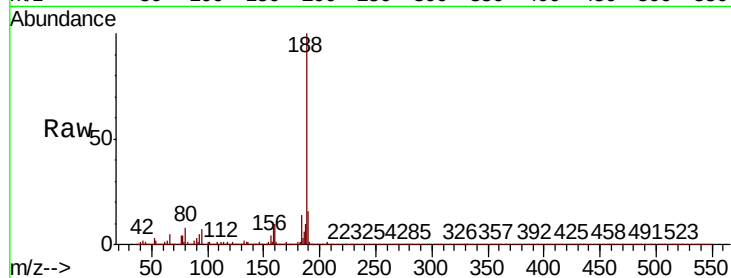




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

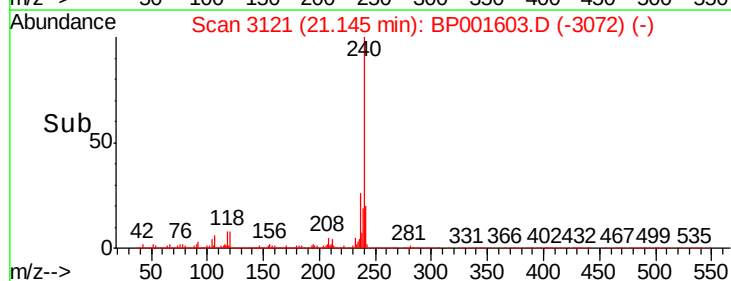
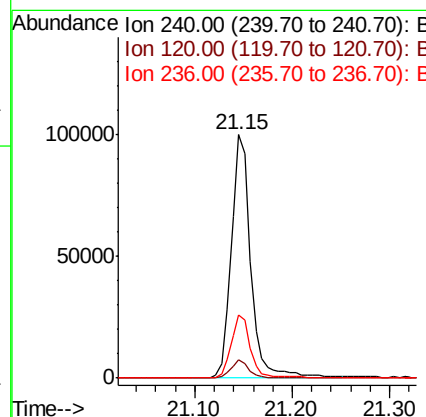
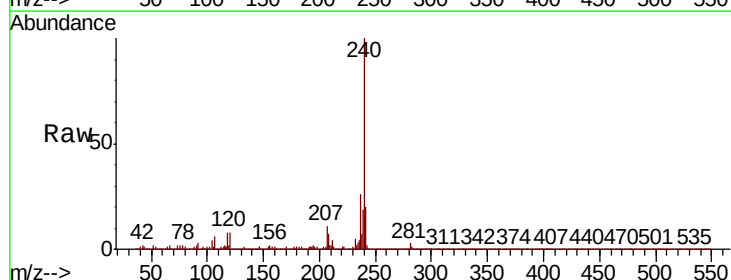
Instrument :
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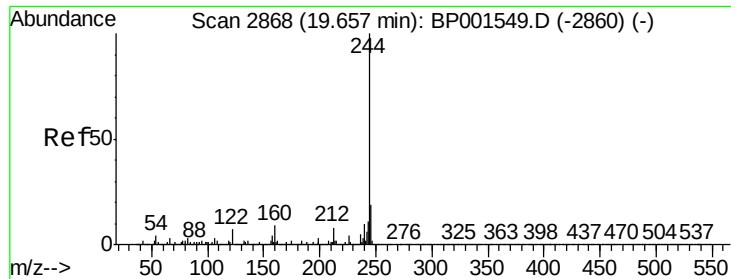
Tot Ion:188 Resp: 145979
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001603.D
Acq: 15 Jan 2020 00:02

Tgt Ion:240 Resp: 139110
Ion Ratio Lower Upper
240 100
120 7.6 5.7 8.5
236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 109.984 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

Instrument :

BNA_P

ClientSampleId :

CIY1-WC-SB-01

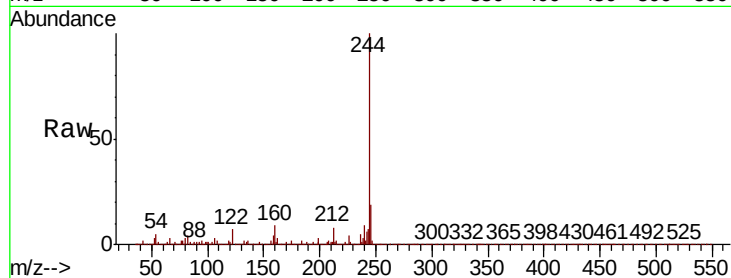
Tot Ion:244 Resp: 836503

Ion Ratio Lower Upper

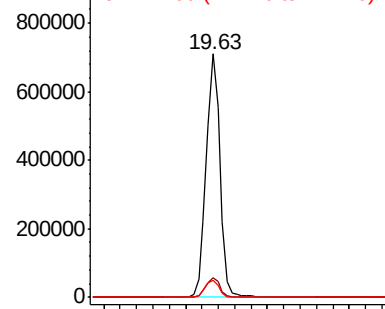
244 100

212 8.2 6.3 9.5

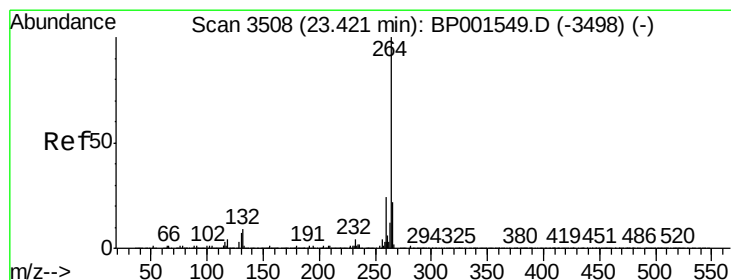
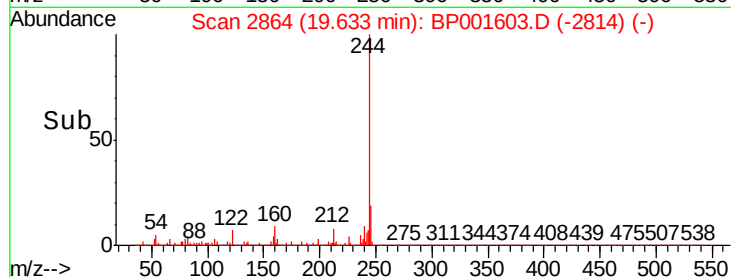
122 7.2 5.8 8.6



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



Time--> 19.50 19.60 19.70 19.80



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BP001603.D

Acq: 15 Jan 2020 00:02

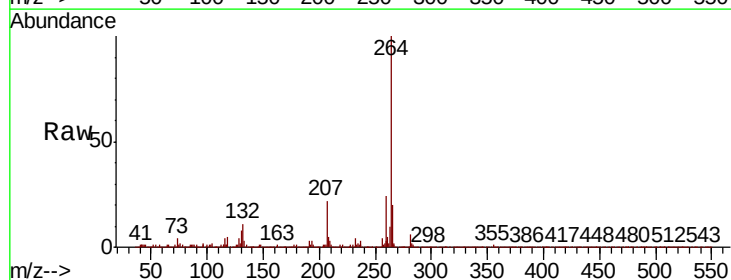
Tgt Ion:264 Resp: 150909

Ion Ratio Lower Upper

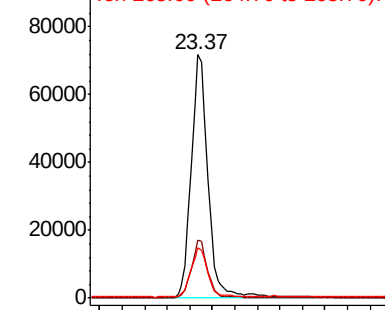
264 100

260 23.9 19.0 28.6

265 20.5 18.2 27.4



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



Time--> 23.20 23.40 23.60

