

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001292.D
 Acq On : 10 Dec 2019 02:11
 Operator : JU
 Sample : K6196-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-3

Quant Time: Dec 10 06:15:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	75966	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	272387	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	153902	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	299208	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	245719	20.00	ng	-0.02
87) Perylene-d12	21.01	264	260197	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	286066	62.48	ng	0.00
7) Phenol-d6	7.75	99	238174	39.04	ng	-0.01
23) Nitrobenzene-d5	9.19	82	602637	95.99	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	238894	161.95	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1008138	95.87	ng	-0.01
79) Terphenyl-d14	17.89	244	1188441	89.48	ng	0.00

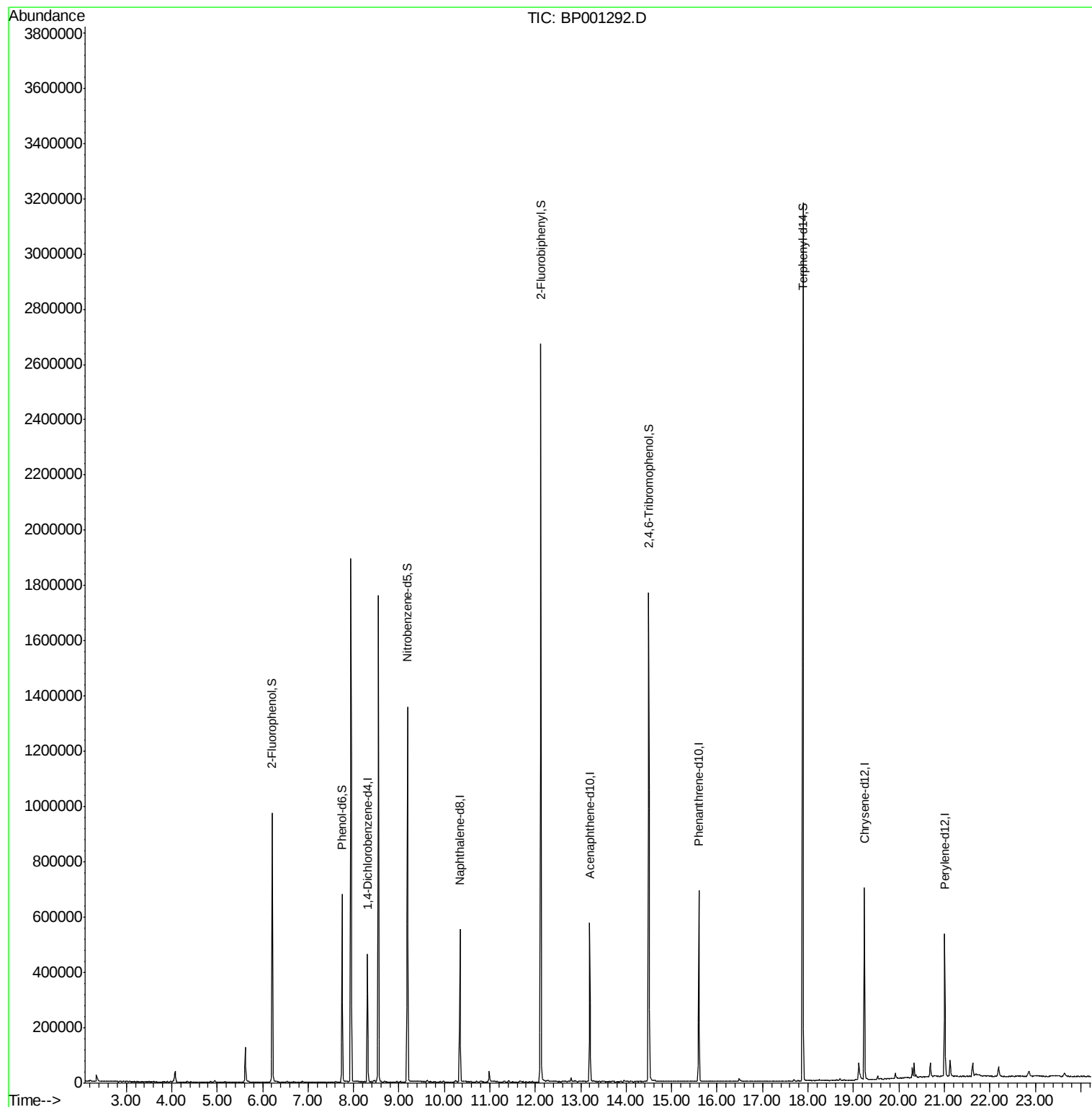
Target Compounds Qvalue

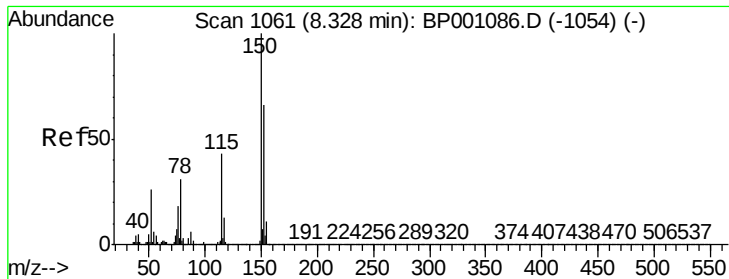
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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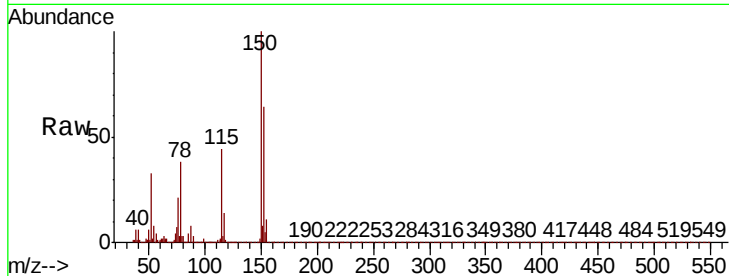




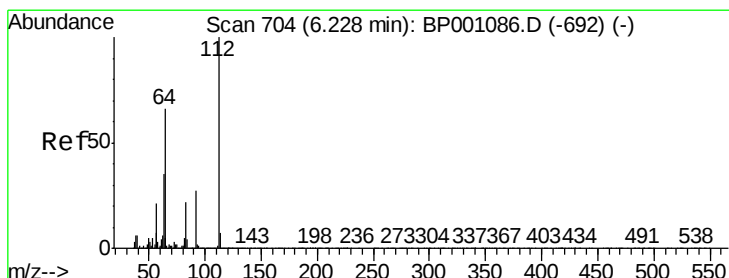
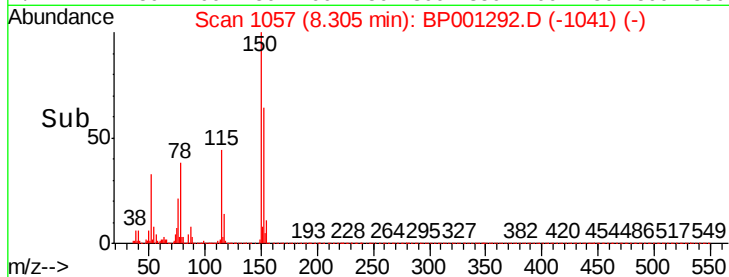
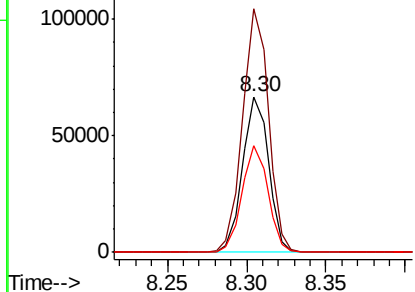
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001292.D
 Acq: 10 Dec 2019 02:11

Instrument :
 BNA_P
 ClientSampleId :
 TW-3

Tot Ion:152 Resp: 75966
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.3 190.9
 115 68.9 56.0 84.0

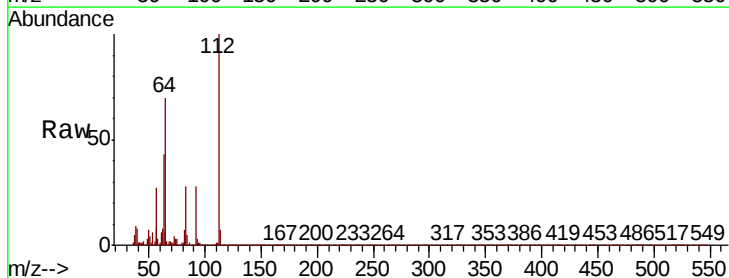


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

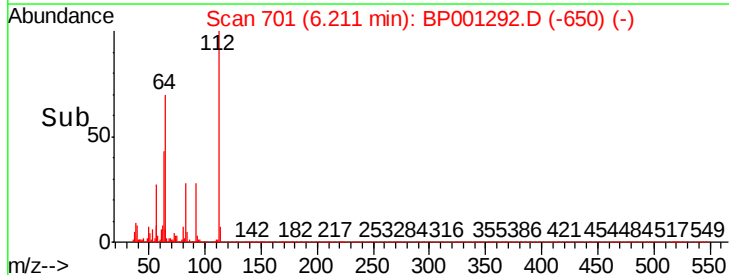
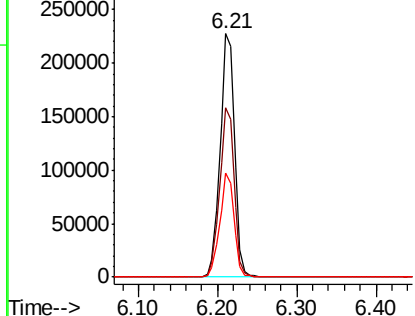


#5
 2-Fluorophenol
 Concen: 62.476 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BP001292.D
 Acq: 10 Dec 2019 02:11

Tgt Ion:112 Resp: 286066
 Ion Ratio Lower Upper
 112 100
 64 69.8 56.8 85.2
 63 42.6 32.2 48.2



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: 39.044 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001292.D

Acq: 10 Dec 2019 02:11

Instrument :

BNA_P

ClientSampleId :

TW-3

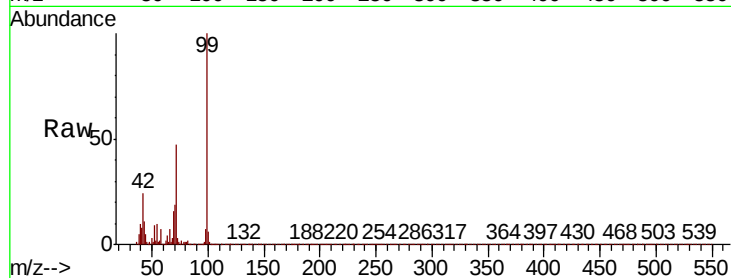
Tot Ion: 99 Resp: 238174

Ion Ratio Lower Upper

99 100

42 24.1 17.6 26.4

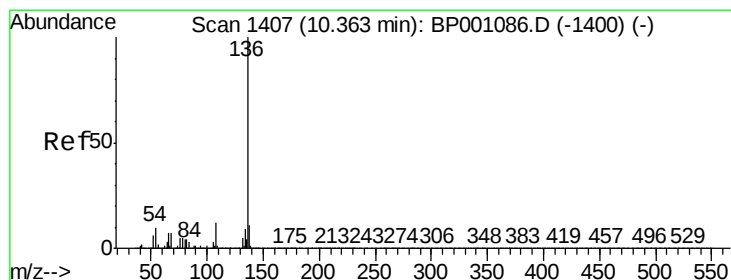
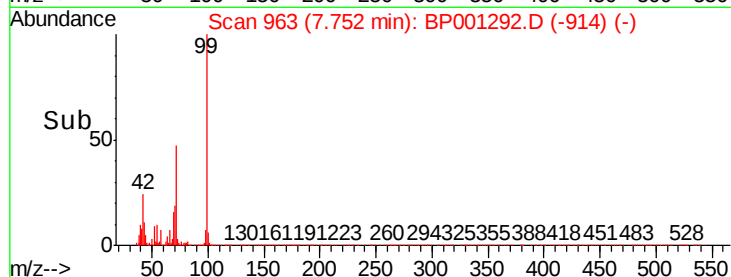
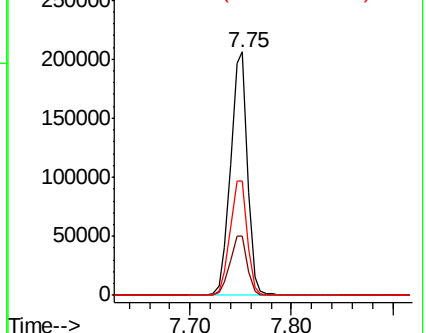
71 47.0 33.8 50.8



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: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001292.D

Acq: 10 Dec 2019 02:11

Tgt Ion: 136 Resp: 272387

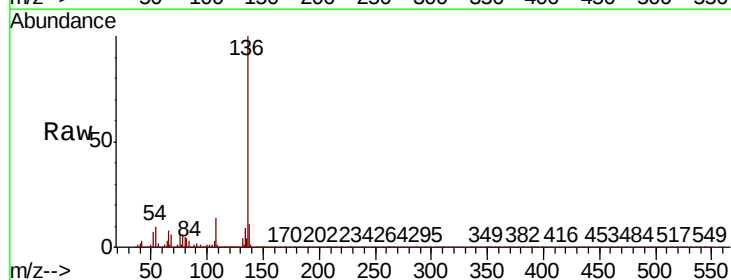
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.0 7.4 11.0

68 5.9 4.6 7.0

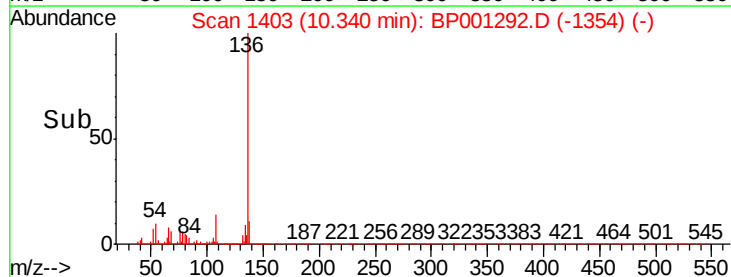
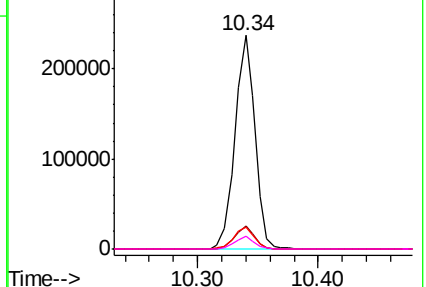


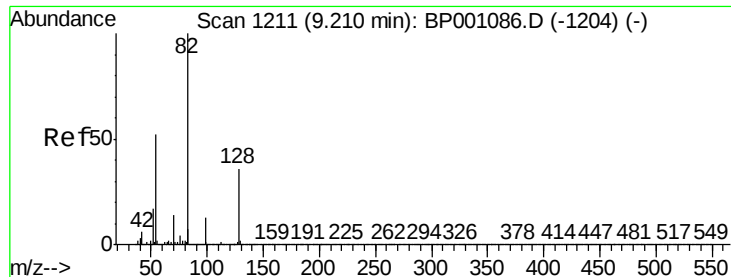
Abundance Ion 136.00 (135.70 to 136.70): E

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

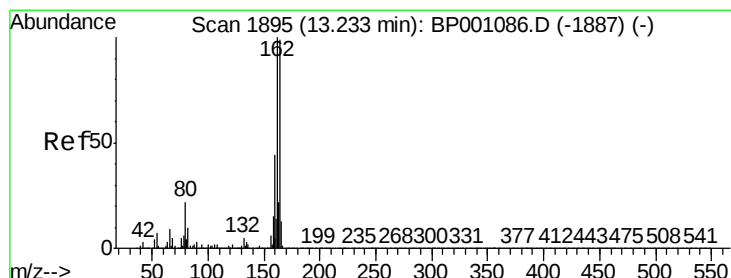
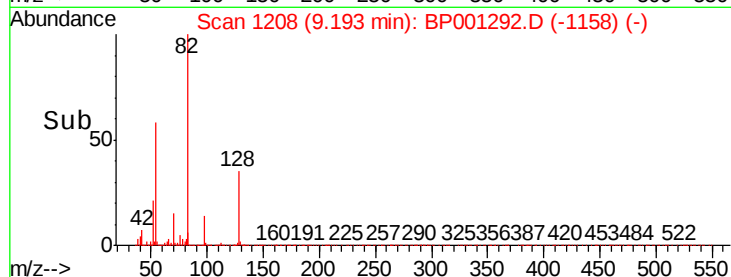
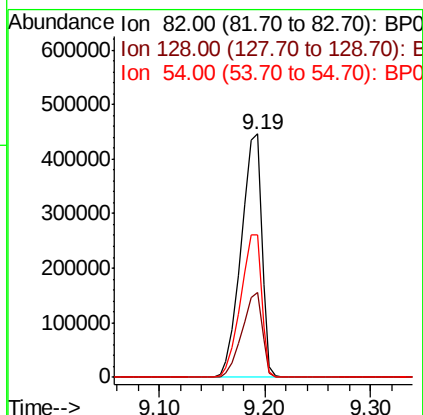
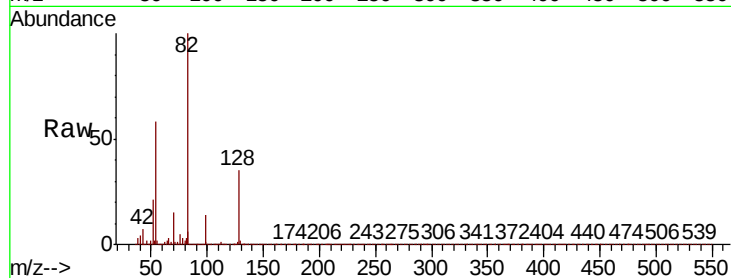




#23
Nitrobenzene-d5
Concen: 95.988 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001292.D
Acq: 10 Dec 2019 02:11

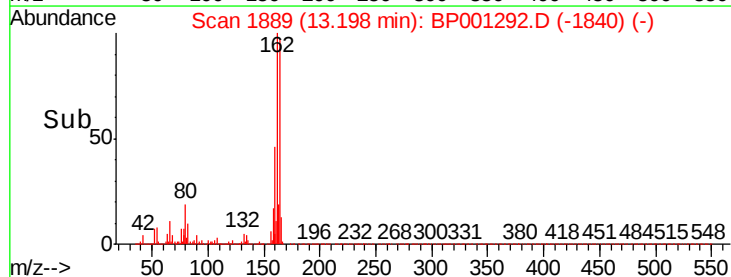
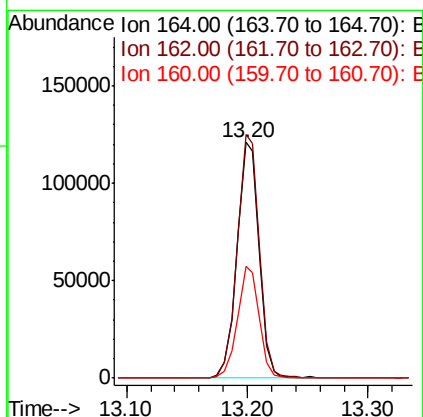
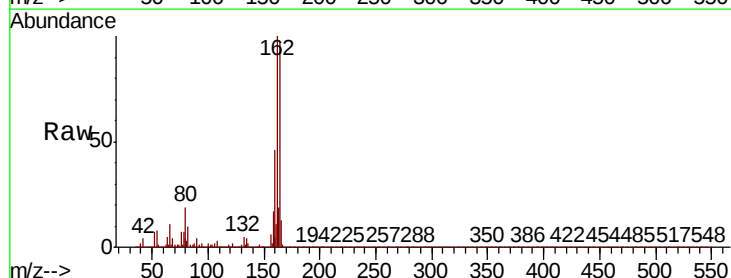
Instrument :
BNA_P
ClientSampleId :
TW-3

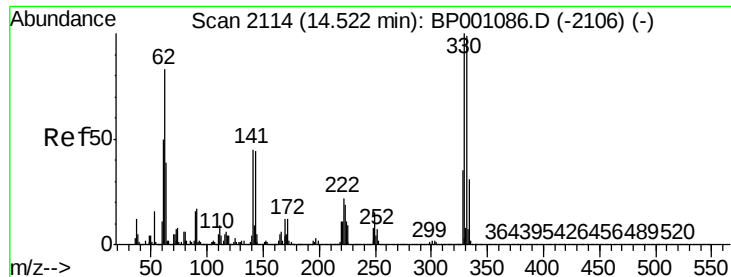
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.6	27.5	41.3
54	58.5	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001292.D
Acq: 10 Dec 2019 02:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.7	121.1
160	47.4	36.3	54.5

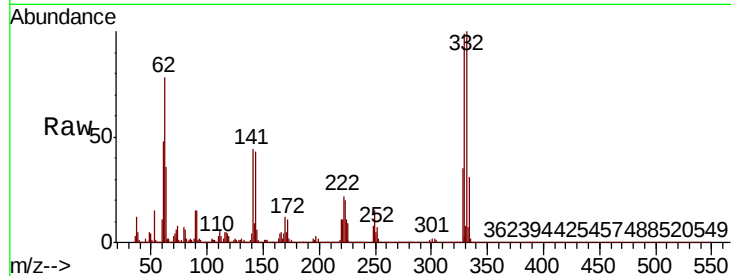




#42
2,4,6-Tribromophenol
Concen: 161.945 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001292.D
Acq: 10 Dec 2019 02:11

Instrument :
BNA_P
ClientSampleId :
TW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.1	118.7
141	44.5	35.9	53.9

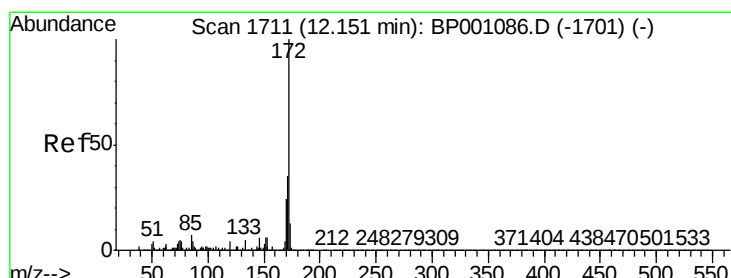
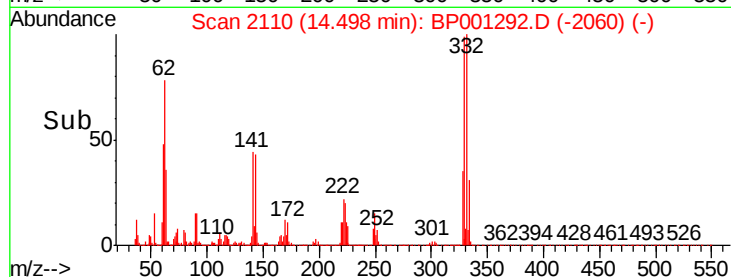
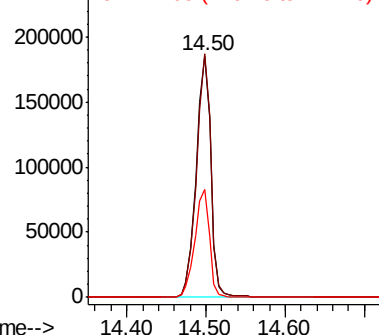


Abundance

Ion 329.80 (329.50 to 330.50): E

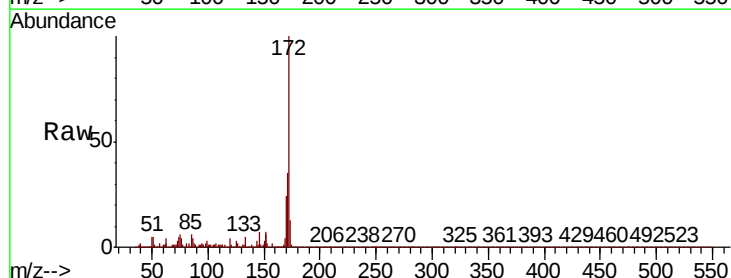
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 95.872 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001292.D
Acq: 10 Dec 2019 02:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	23.6	19.2	28.8

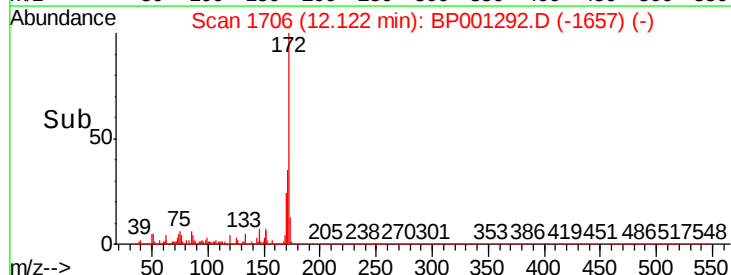
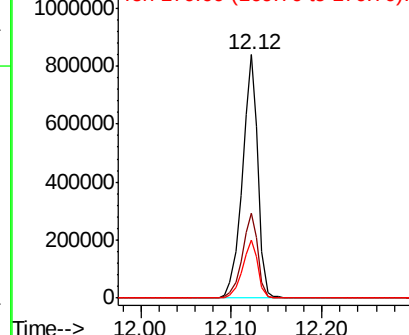


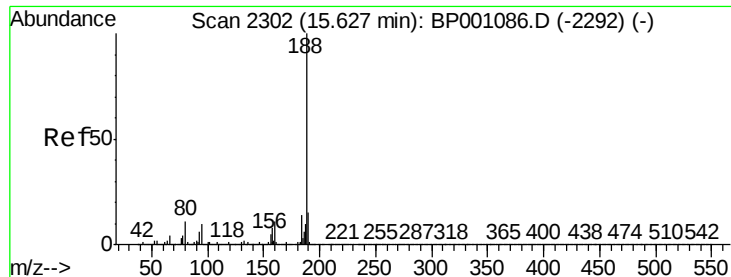
Abundance

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

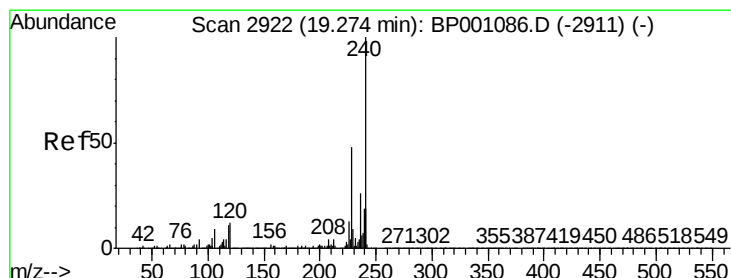
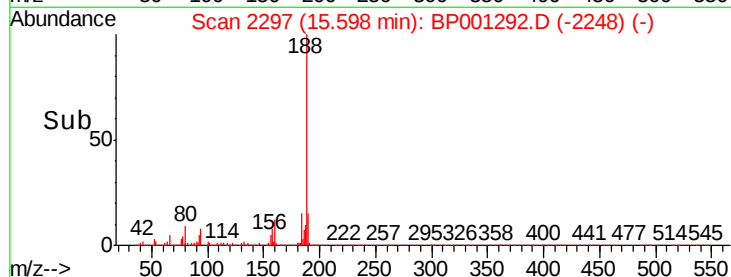
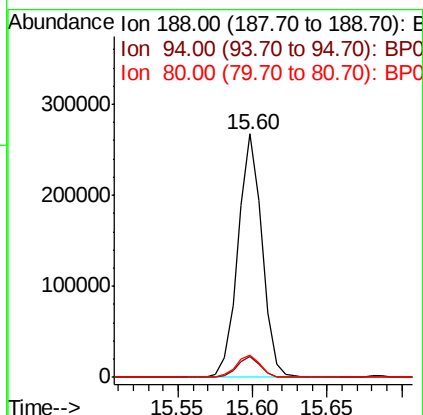
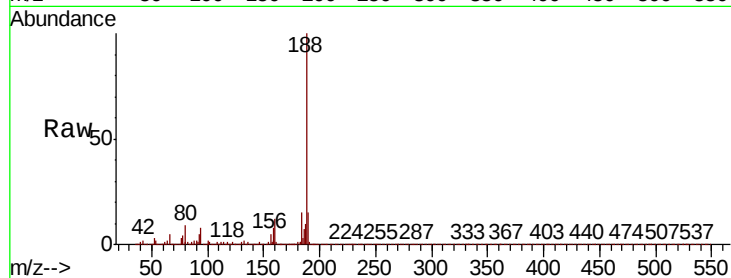




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001292.D
Acq: 10 Dec 2019 02:11

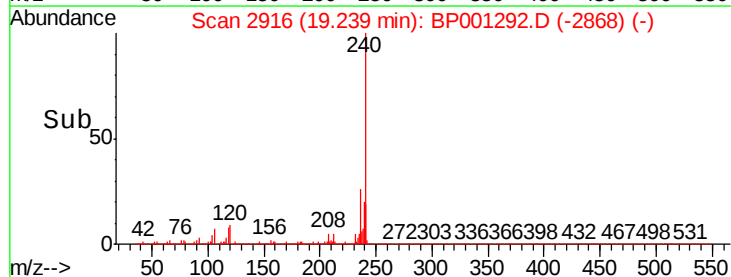
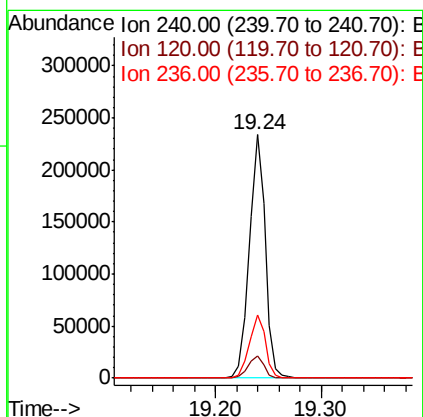
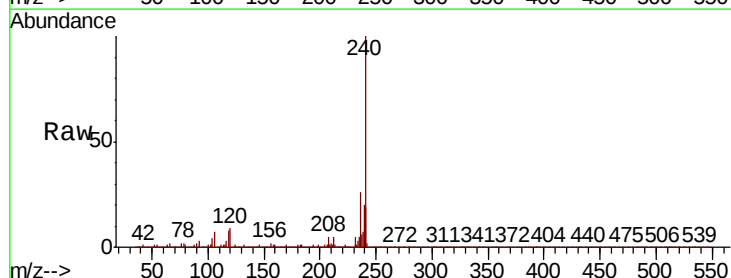
Instrument :
BNA_P
ClientSampleId :
TW-3

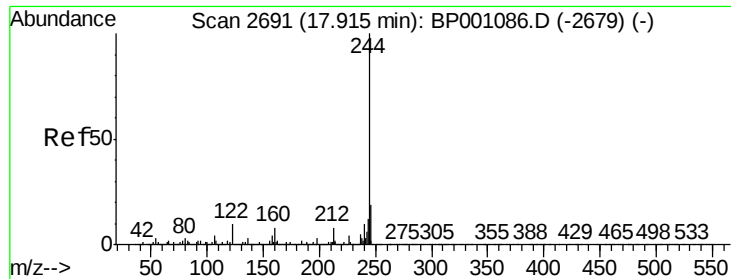
Tot Ion:188 Resp: 299208
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.1 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001292.D
Acq: 10 Dec 2019 02:11

Tgt Ion:240 Resp: 245719
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.9 21.7 32.5

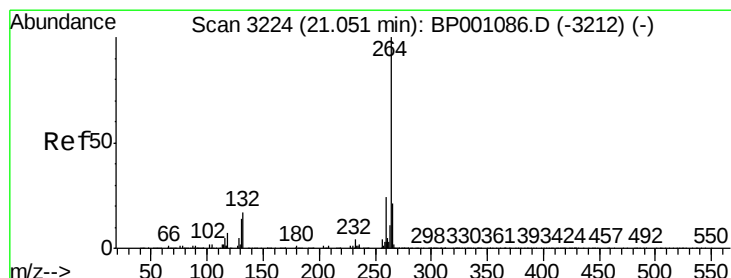
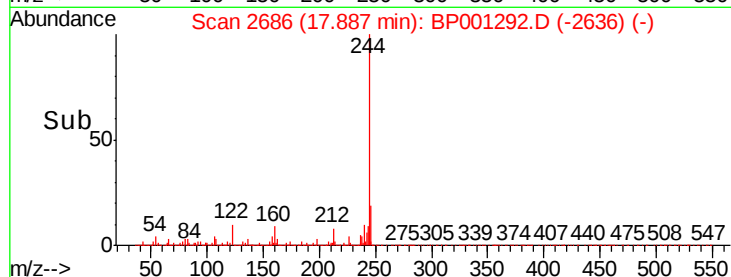
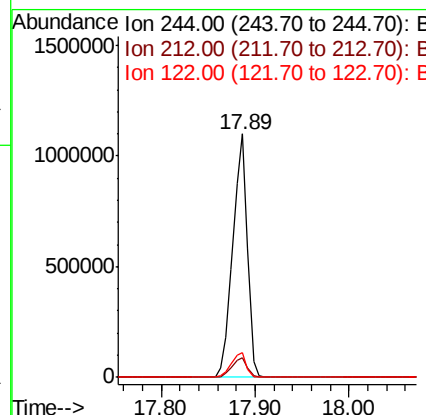
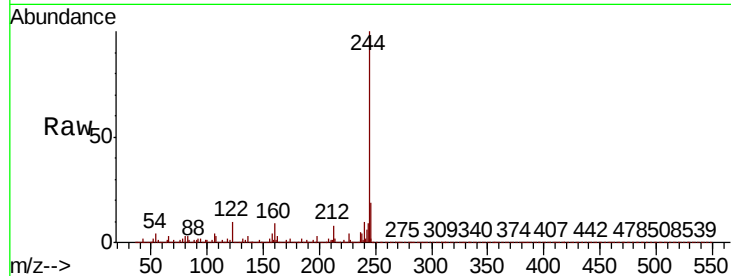




#79
 Terphenyl-d14
 Concen: 89.481 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001292.D
 Acq: 10 Dec 2019 02:11

Instrument :
 BNA_P
 ClientSampled :
 TW-3

Tot Ion:244 Resp: 1188441
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 10.3 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.01 min Scan# 3217
 Delta R.T. -0.02 min
 Lab File: BP001292.D
 Acq: 10 Dec 2019 02:11

Tgt Ion:264 Resp: 260197
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.5 17.1 25.7

