

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001290.D
 Acq On : 10 Dec 2019 01:12
 Operator : JU
 Sample : K6196-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-4

Quant Time: Dec 10 06:09:16 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	65163	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	239185	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	139139	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	278245	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	235101	20.00	ng	-0.02
87) Perylene-d12	21.01	264	249180	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	230987	58.81	ng	0.00
7) Phenol-d6	7.75	99	188116	35.95	ng	-0.02
23) Nitrobenzene-d5	9.19	82	530072	96.15	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	229639	172.19	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	923040	97.09	ng	-0.01
79) Terphenyl-d14	17.89	244	1168344	91.94	ng	0.00

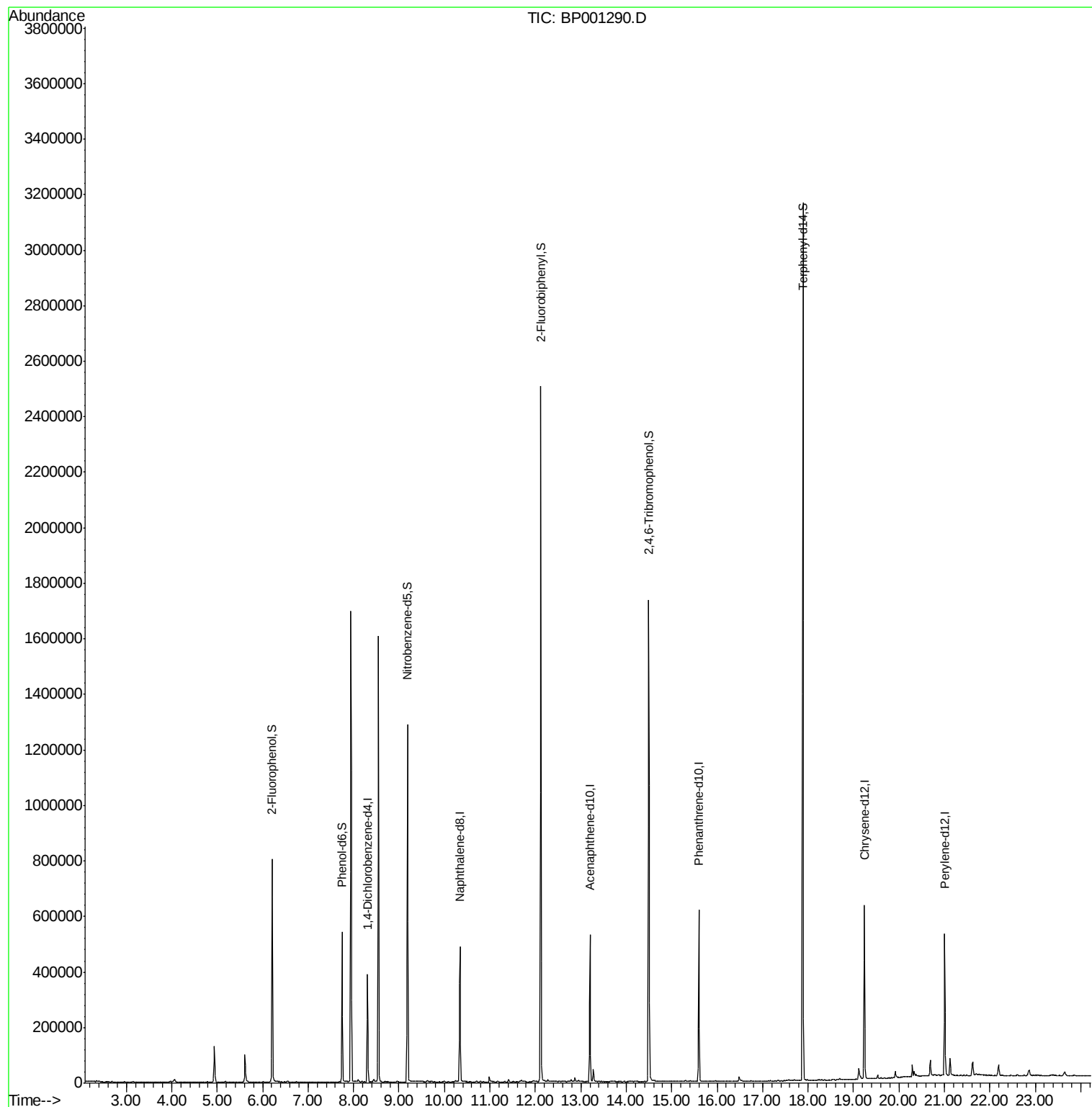
Target Compounds Qvalue

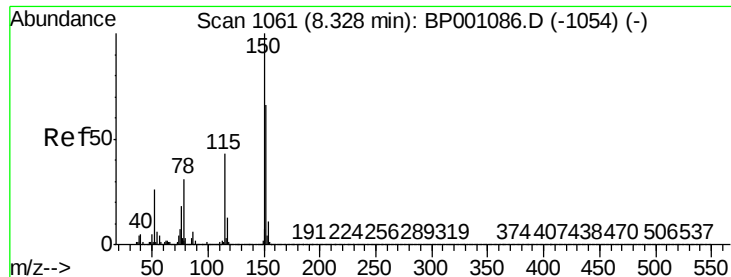
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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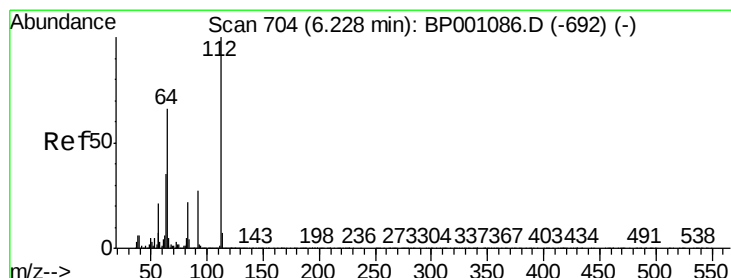
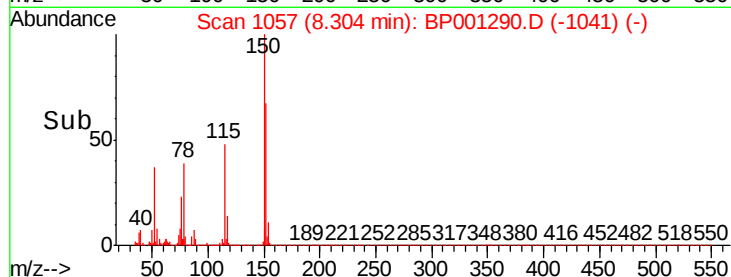
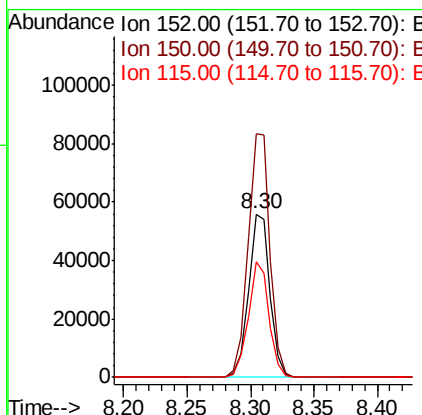
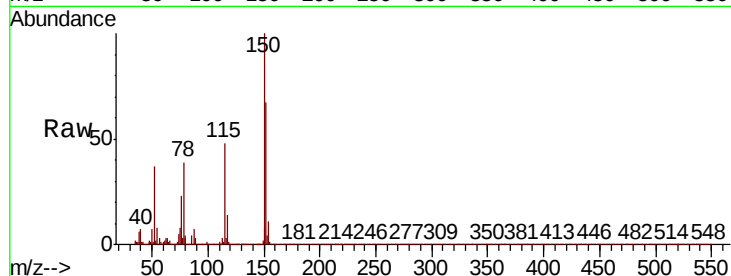




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001290.D
 Acq: 10 Dec 2019 01:12

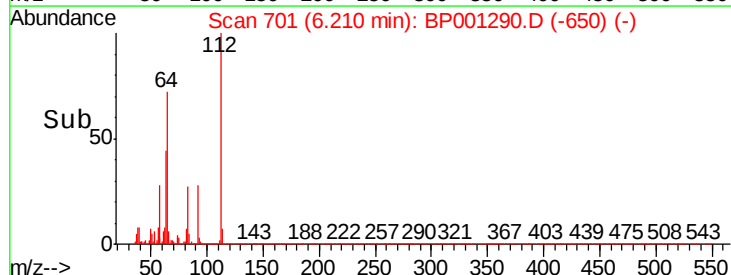
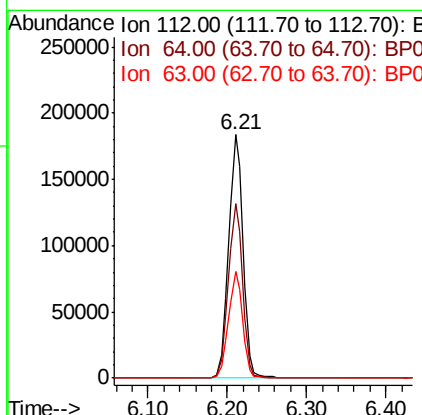
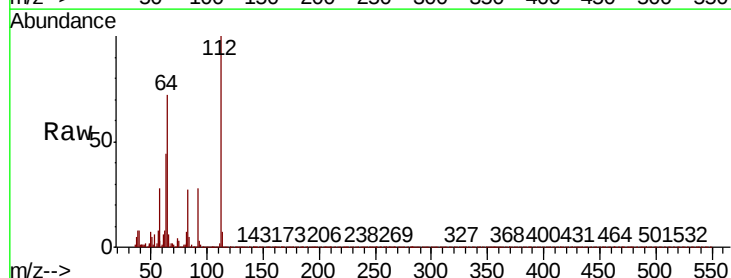
Instrument :
 BNA_P
 ClientSampled :
 TW-4

Tot Ion:152 Resp: 65163
 Ion Ratio Lower Upper
 152 100
 150 149.1 127.3 190.9
 115 70.9 56.0 84.0



#5
 2-Fluorophenol
 Concen: 58.810 ng
 RT: 6.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BP001290.D
 Acq: 10 Dec 2019 01:12

Tgt Ion:112 Resp: 230987
 Ion Ratio Lower Upper
 112 100
 64 71.8 56.8 85.2
 63 43.9 32.2 48.2





#7

Phenol-d6

Concen: 35.951 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001290.D

Acq: 10 Dec 2019 01:12

Instrument :

BNA_P

ClientSampleId :

TW-4

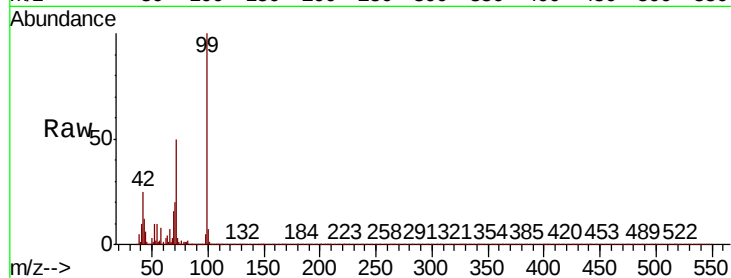
Tot Ion: 99 Resp: 188116

Ion Ratio Lower Upper

99 100

42 25.2 17.6 26.4

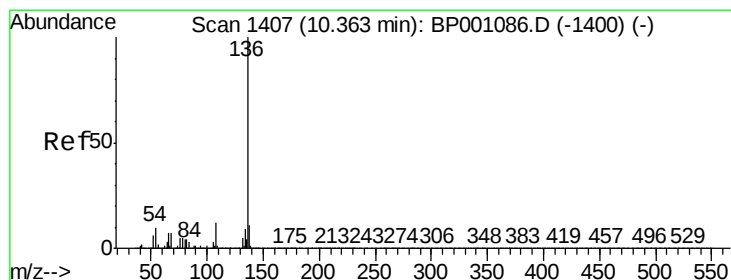
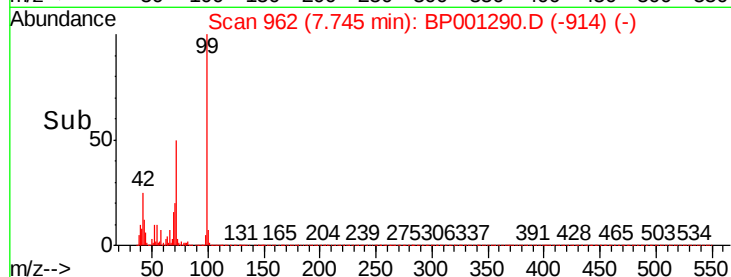
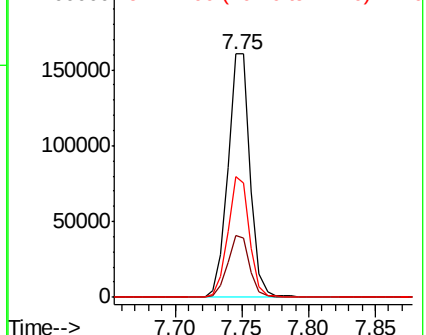
71 49.7 33.8 50.8



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: BP001290.D

Acq: 10 Dec 2019 01:12

Tgt Ion: 136 Resp: 239185

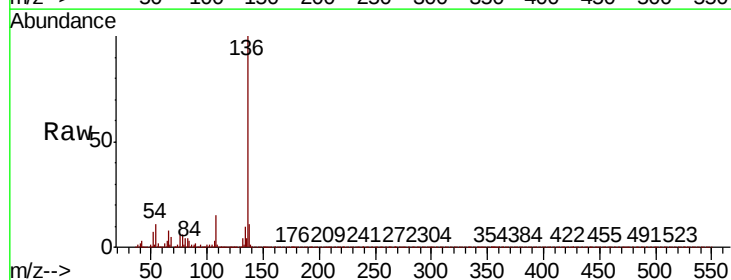
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 10.7 7.4 11.0

68 5.2 4.6 7.0

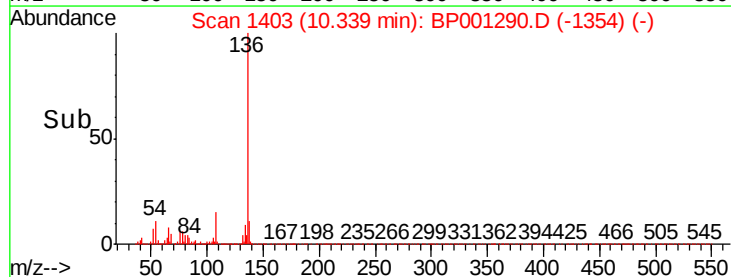
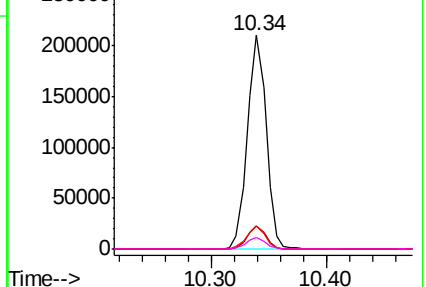


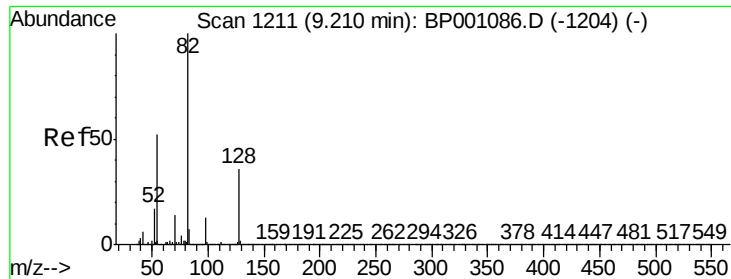
Abundance Ion 136.00 (135.70 to 136.70): E

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

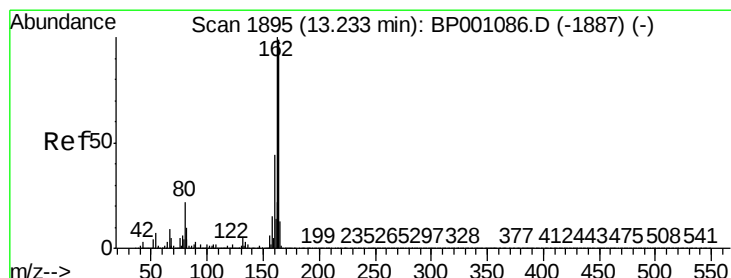
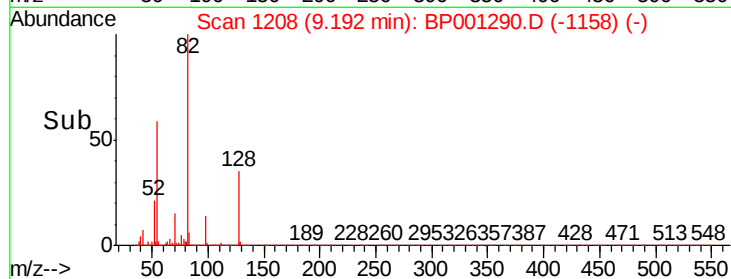
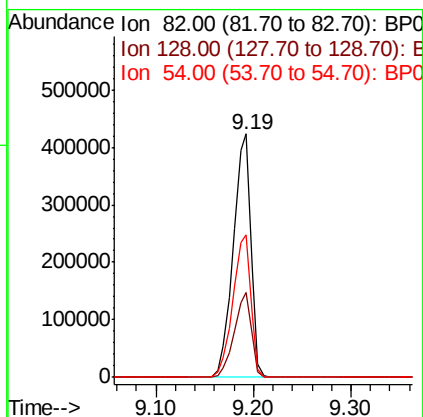
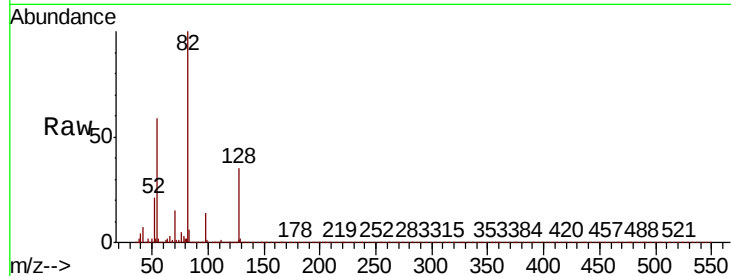




#23
 Nitrobenzene-d5
 Concen: 96.150 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001290.D
 Acq: 10 Dec 2019 01:12

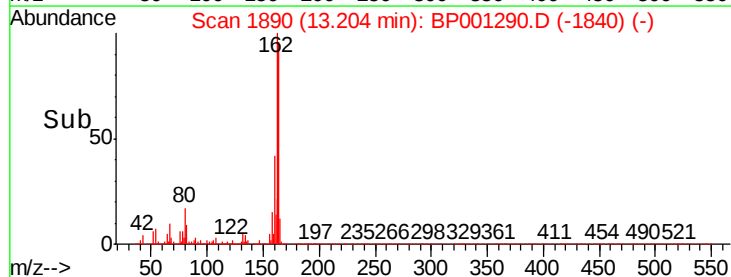
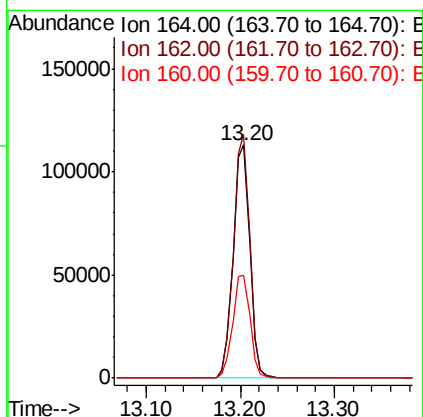
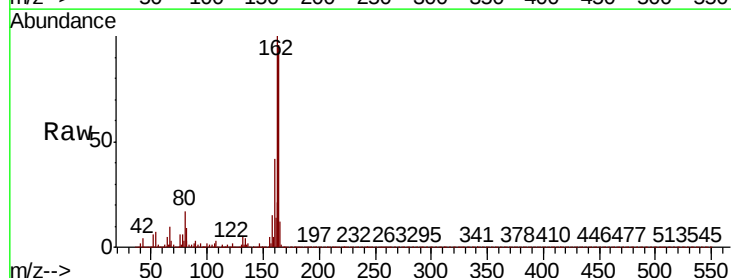
Instrument :
 BNA_P
 ClientSampled :
 TW-4

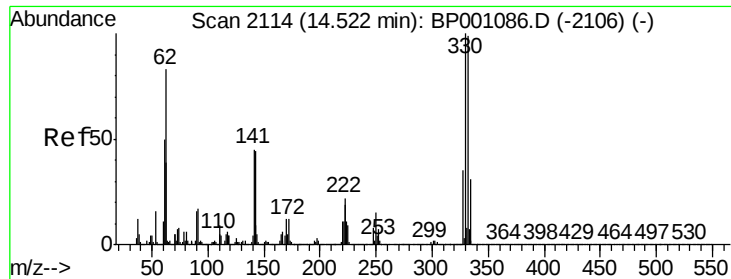
Tot Ion	82	Resp	530072
Ion Ratio	Lower	Upper	
82	100		
128	35.1	27.5	41.3
54	58.5	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001290.D
 Acq: 10 Dec 2019 01:12

Tgt Ion	164	Resp	139139
Ion Ratio	Lower	Upper	
164	100		
162	104.4	80.7	121.1
160	44.3	36.3	54.5

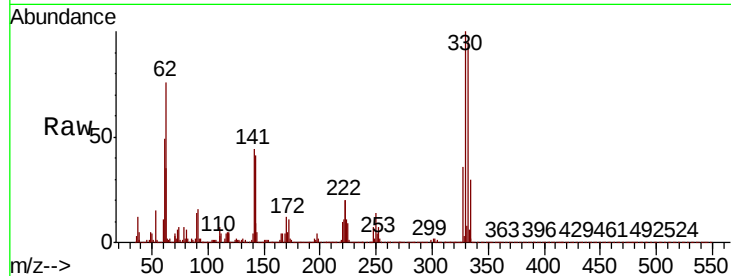




#42
2,4,6-Tribromophenol
Concen: 172.189 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001290.D
Acq: 10 Dec 2019 01:12

Instrument :
BNA_P
ClientSampled :
TW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	44.6	35.9	53.9

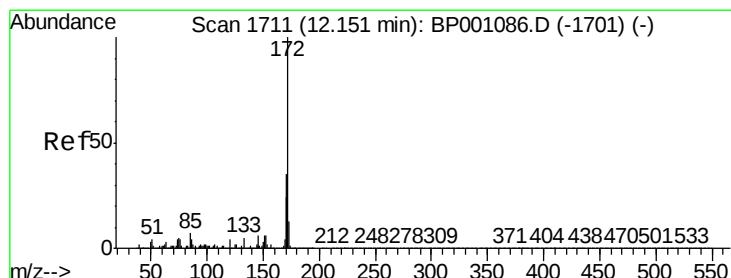
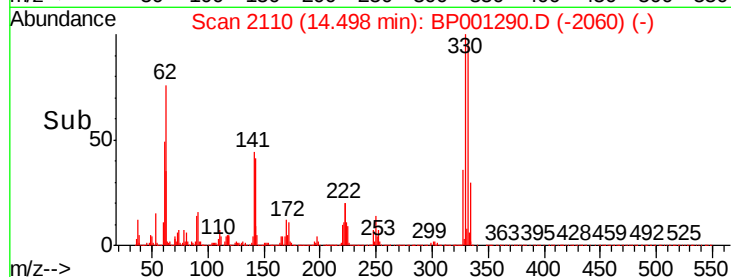
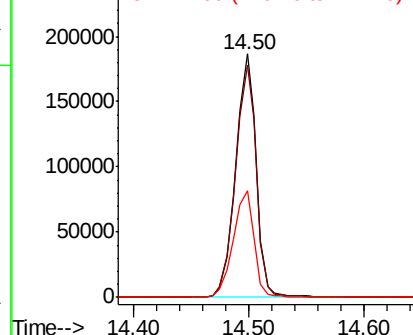


Abundance

Ion 329.80 (329.50 to 330.50): E

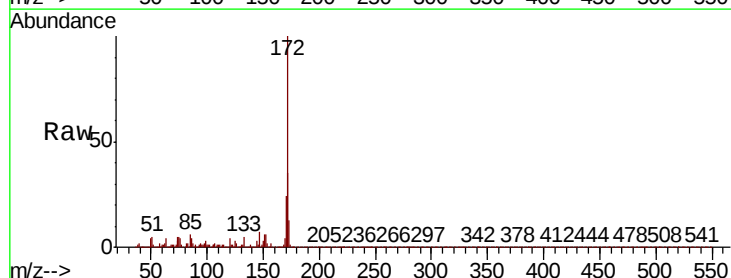
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 97.093 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001290.D
Acq: 10 Dec 2019 01:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	23.5	19.2	28.8

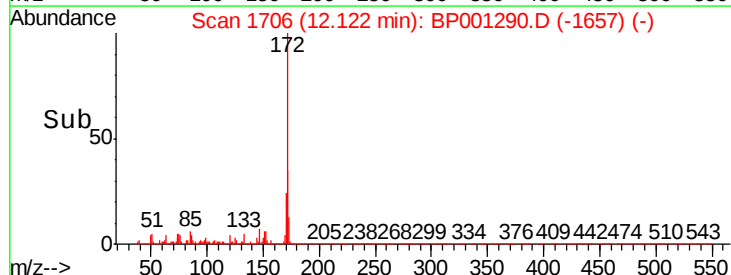
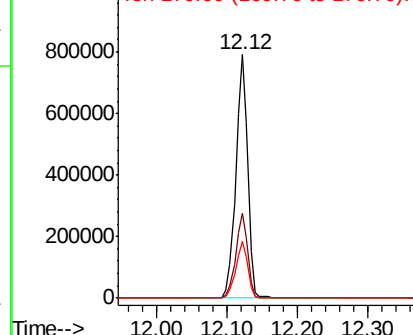


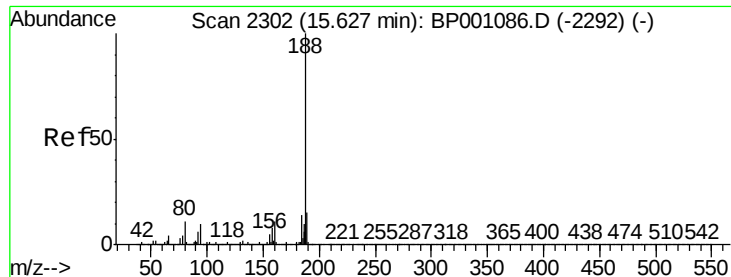
Abundance

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: BP001290.D

Acq: 10 Dec 2019 01:12

Instrument :

BNA_P

ClientSampleId :

TW-4

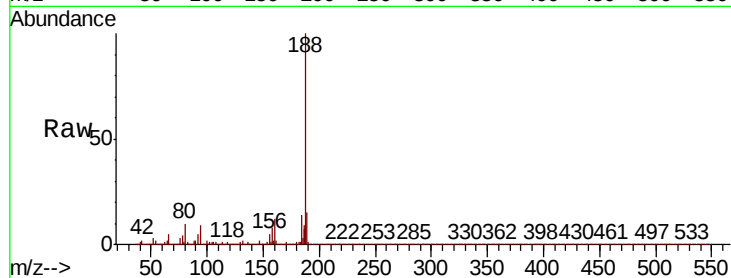
Tot Ion:188 Resp: 278245

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

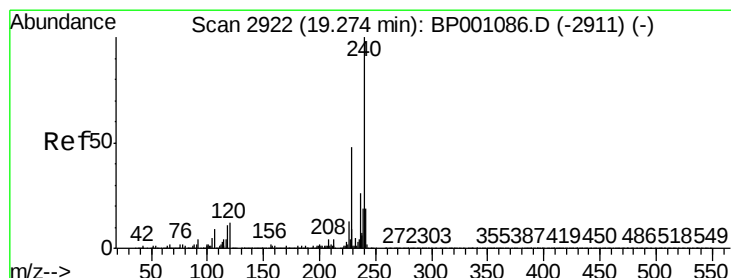
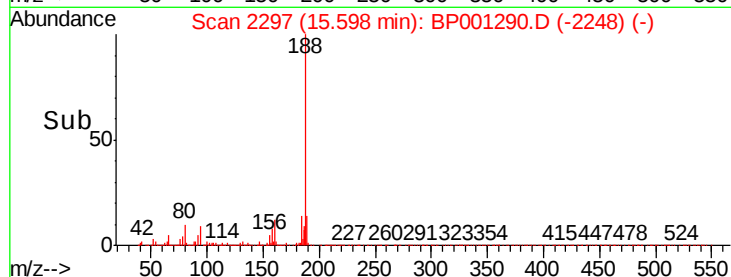
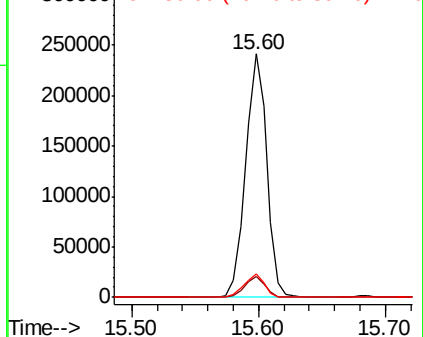
80 9.8 7.8 11.6



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: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001290.D

Acq: 10 Dec 2019 01:12

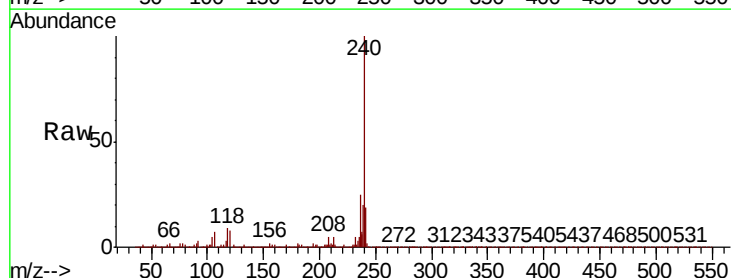
Tgt Ion:240 Resp: 235101

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

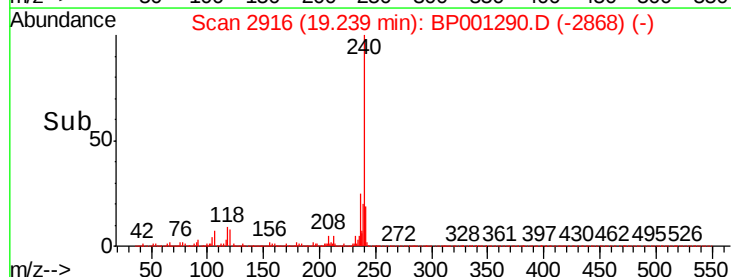
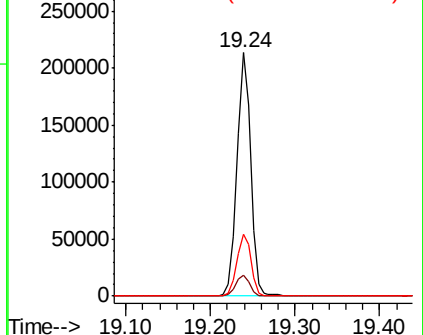
236 25.5 21.7 32.5

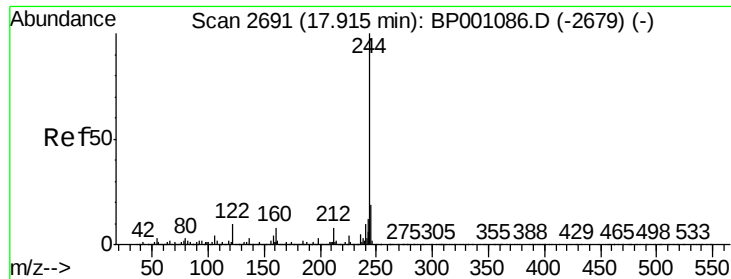


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.941 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001290.D

Acq: 10 Dec 2019 01:12

Instrument :

BNA_P

ClientSampled :

TW-4

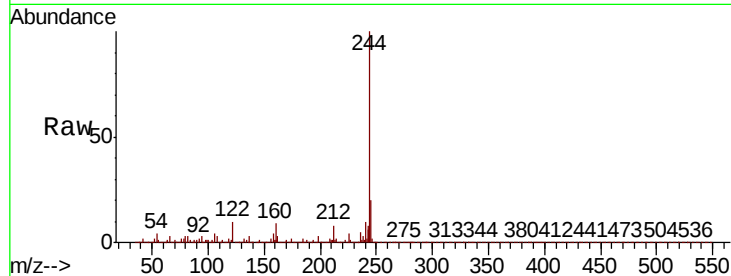
Tot Ion:244 Resp: 1168344

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

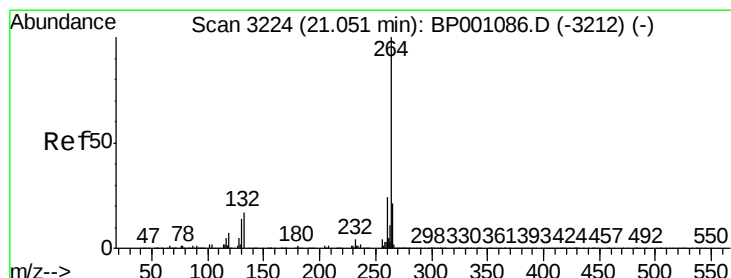
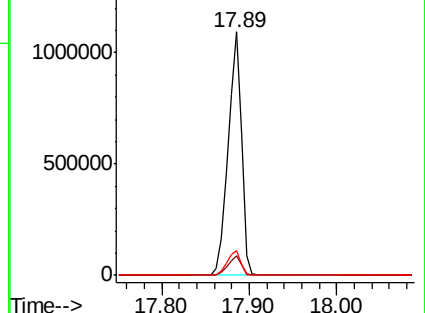
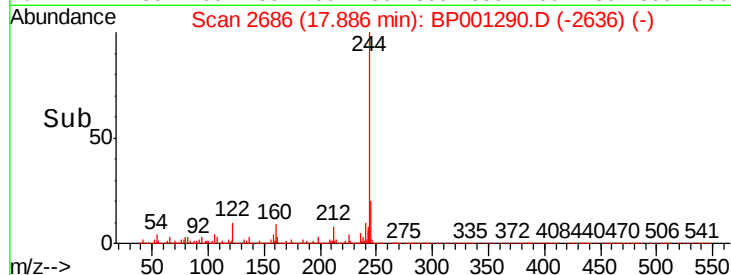
122 10.1 9.2 13.8



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: 21.01 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BP001290.D

Acq: 10 Dec 2019 01:12

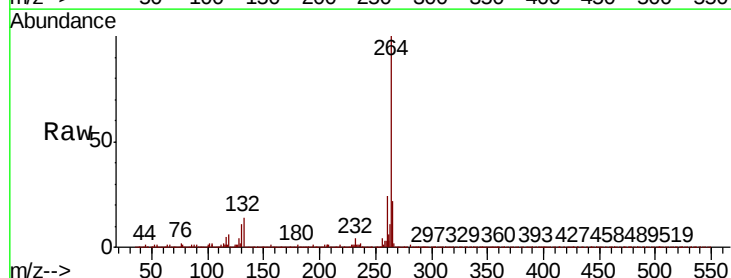
Tgt Ion:264 Resp: 249180

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 22.3 17.1 25.7



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

