

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001252.D
 Acq On : 07 Dec 2019 14:08
 Operator : JU
 Sample : K6135-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-34

Quant Time: Dec 09 01:24:04 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	8.31	152	87809	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	317325	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	178516	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	341945	20.00	ng	0.00
76) Chrysene-d12	19.24	240	264347	20.00	ng	-0.01
87) Perylene-d12	21.02	264	269716	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	697961	131.87	ng	0.03
7) Phenol-d6	7.77	99	938244	133.06	ng	0.01
23) Nitrobenzene-d5	9.19	82	666840	91.17	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	262484	153.40	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1087894	89.19	ng	-0.01
79) Terphenyl-d14	17.89	244	1356535	94.94	ng	0.00

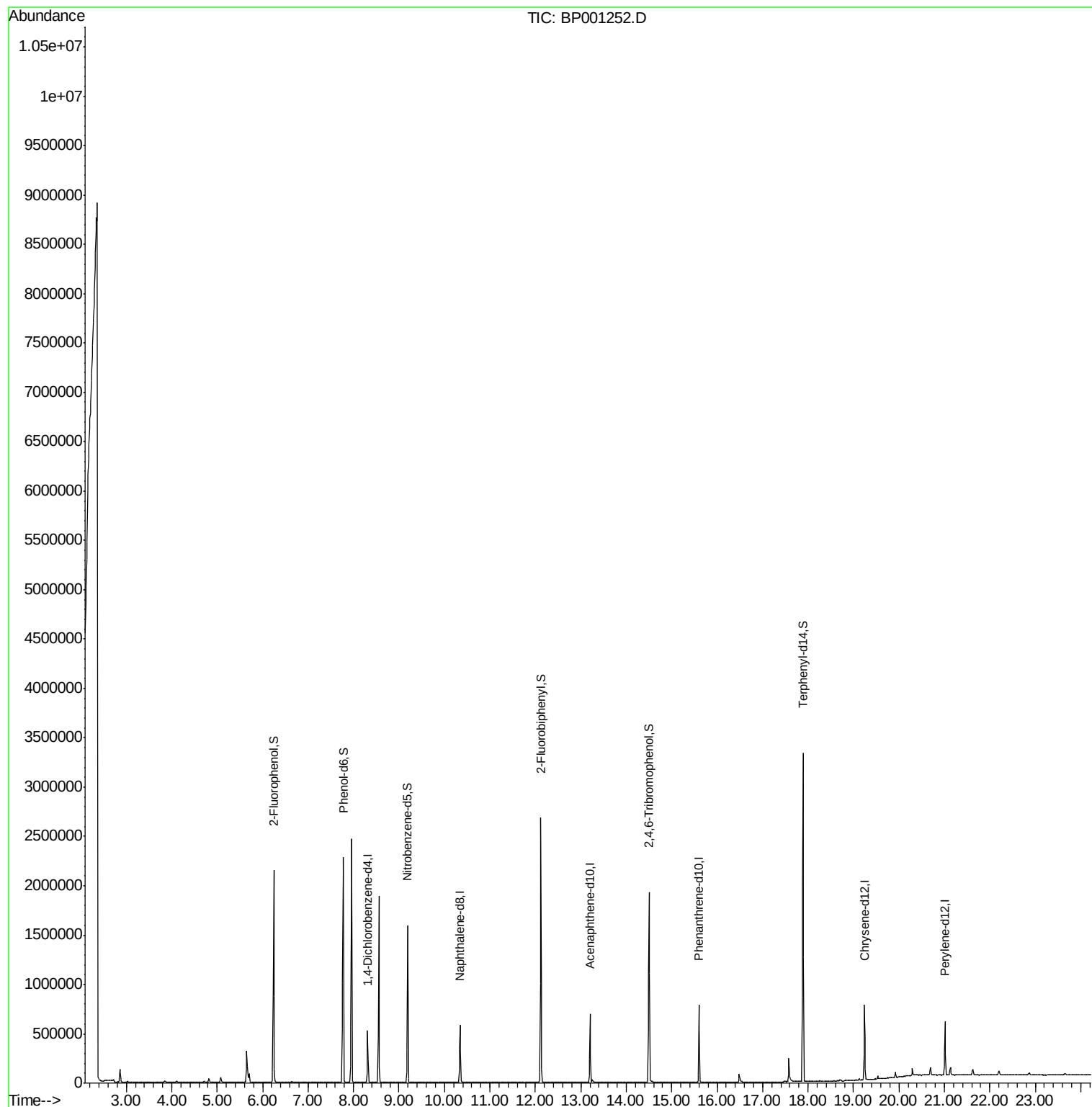
Target Compounds Qvalue

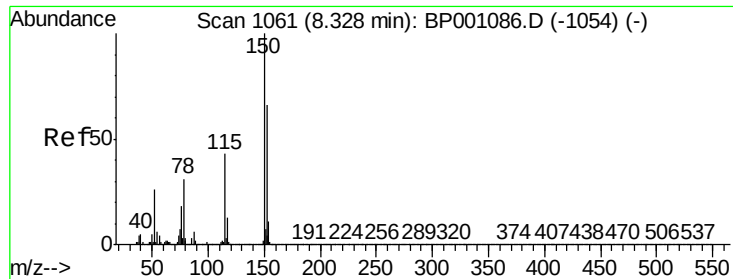
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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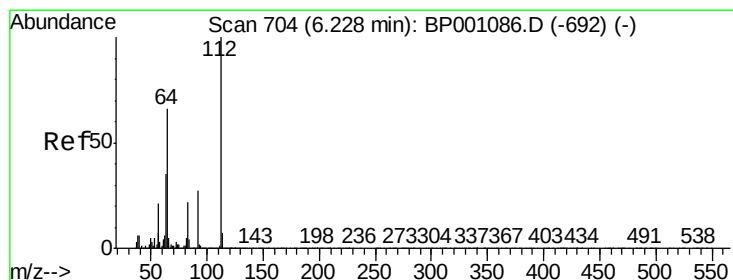
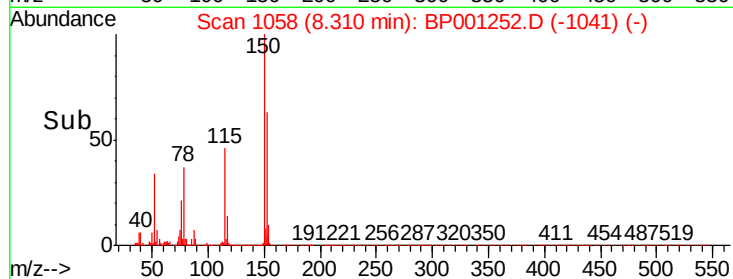
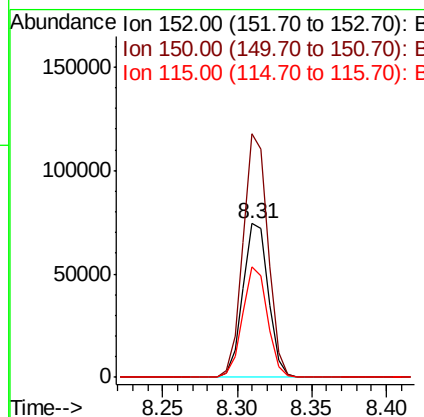
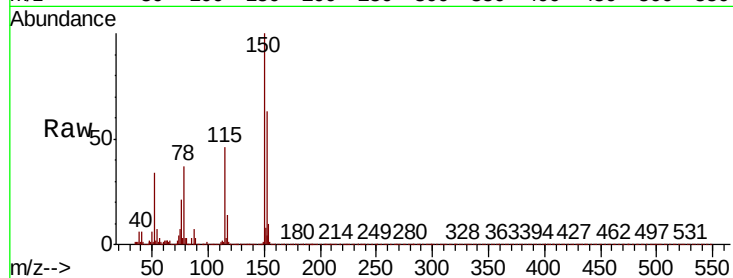




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BP001252.D
 Acq: 07 Dec 2019 14:08

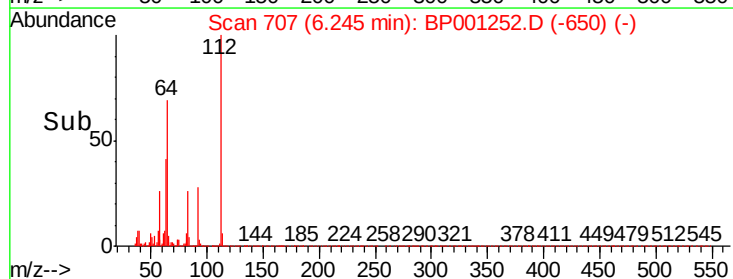
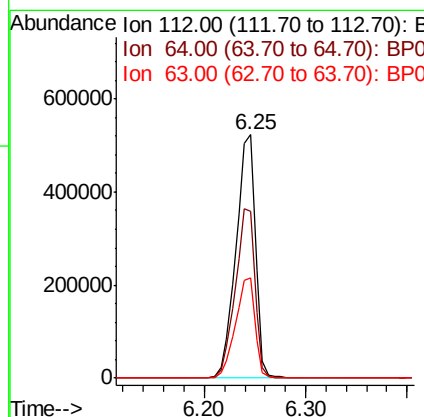
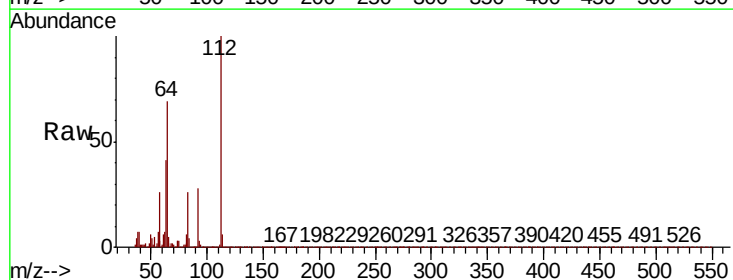
Instrument :
 BNA_P
 ClientSampleId :
 COMP-34

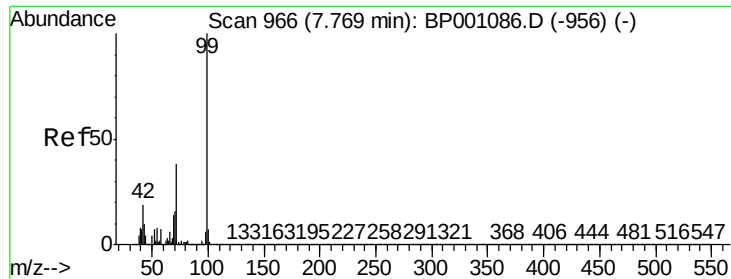
Tot Ion:152 Resp: 87809
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.3 190.9
 115 72.2 56.0 84.0



#5
 2-Fluorophenol
 Concen: 131.874 ng
 RT: 6.25 min Scan# 707
 Delta R.T. 0.03 min
 Lab File: BP001252.D
 Acq: 07 Dec 2019 14:08

Tgt Ion:112 Resp: 697961
 Ion Ratio Lower Upper
 112 100
 64 68.5 56.8 85.2
 63 40.9 32.2 48.2





#7

Phenol-d6

Concen: 133.064 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001252.D

Acq: 07 Dec 2019 14:08

Instrument :

BNA_P

ClientSampleId :

COMP-34

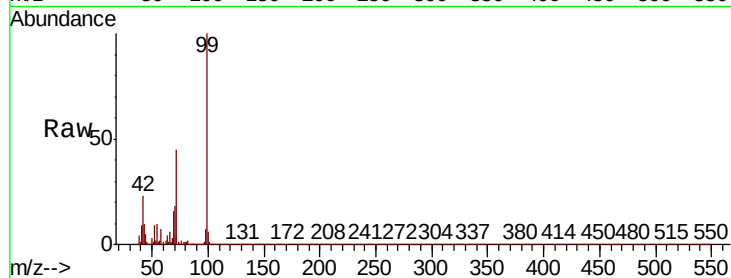
Tot Ion: 99 Resp: 938244

Ion Ratio Lower Upper

99 100

42 22.7 17.6 26.4

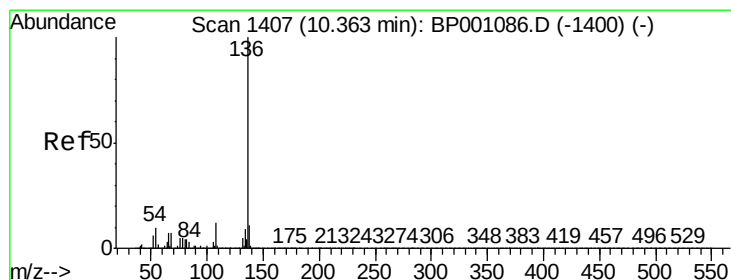
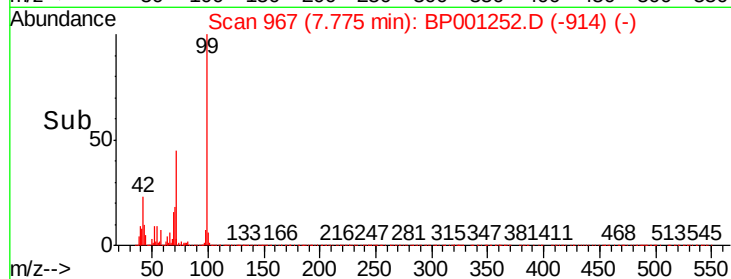
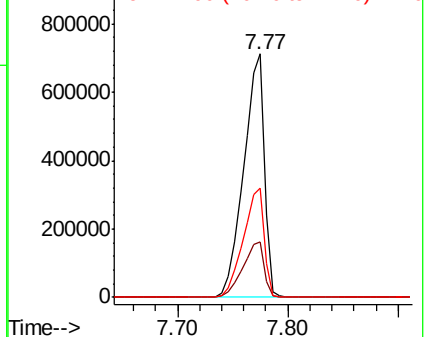
71 44.8 33.8 50.8



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: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BP001252.D

Acq: 07 Dec 2019 14:08

Tgt Ion: 136 Resp: 317325

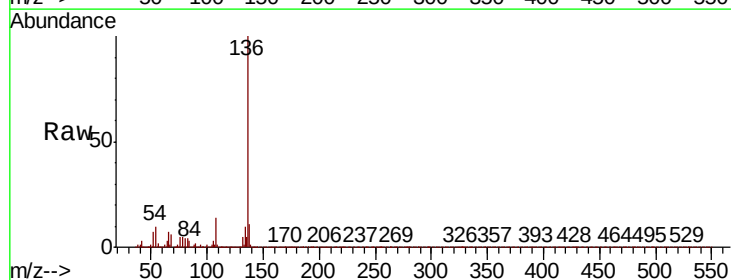
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.8 7.4 11.0

68 5.7 4.6 7.0

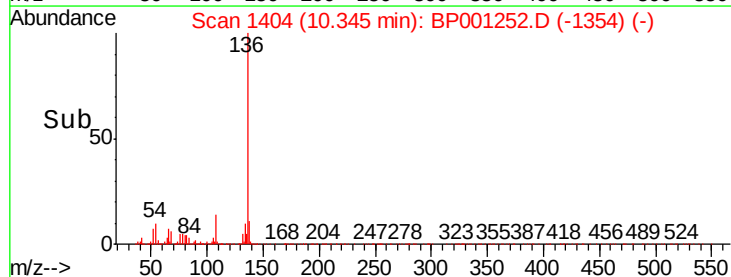
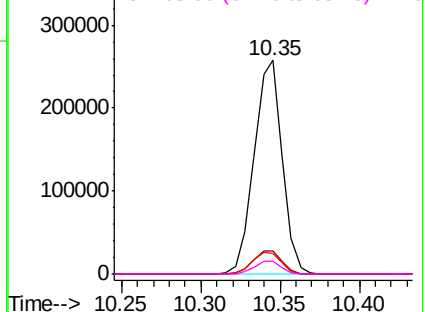


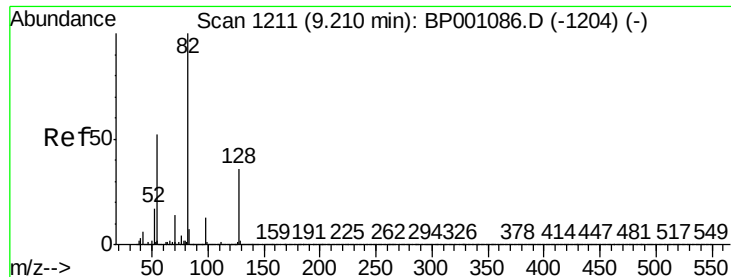
Abundance Ion 136.00 (135.70 to 136.70): E

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

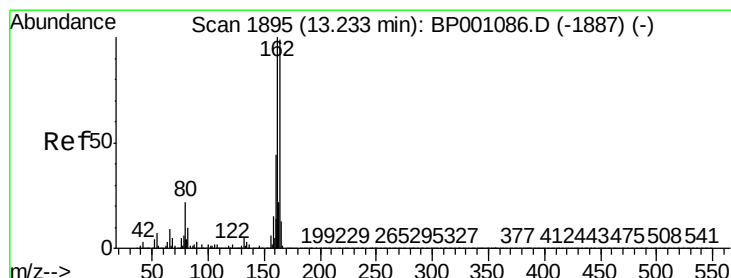
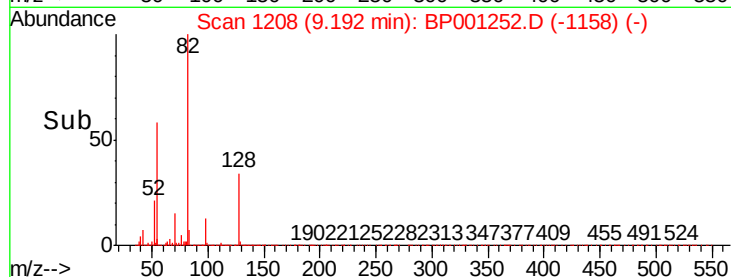
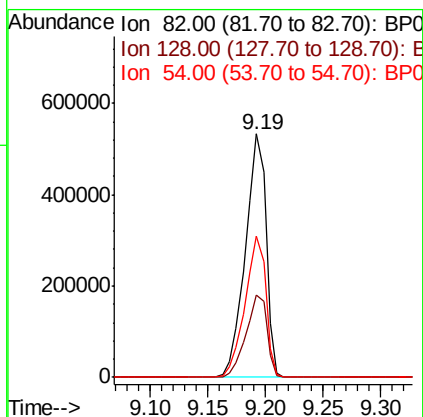
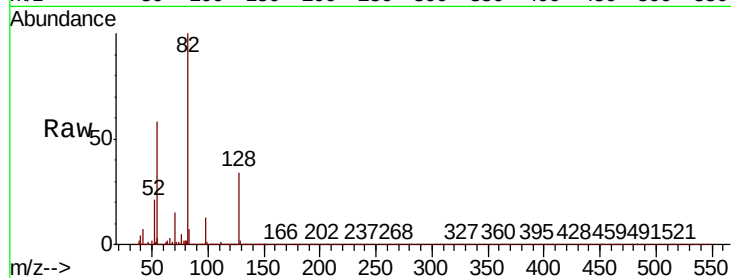




#23
Nitrobenzene-d5
Concen: 91.173 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001252.D
Acq: 07 Dec 2019 14:08

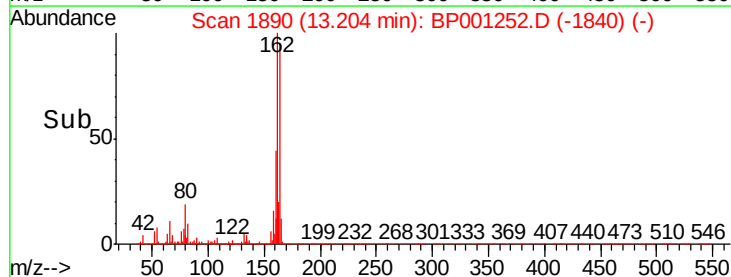
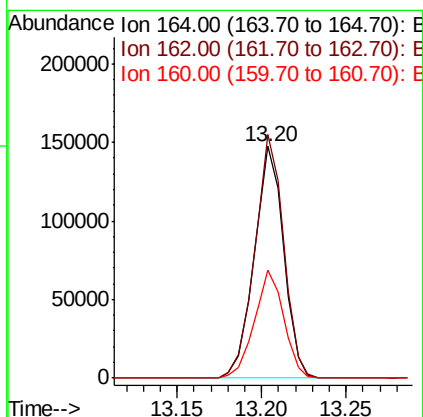
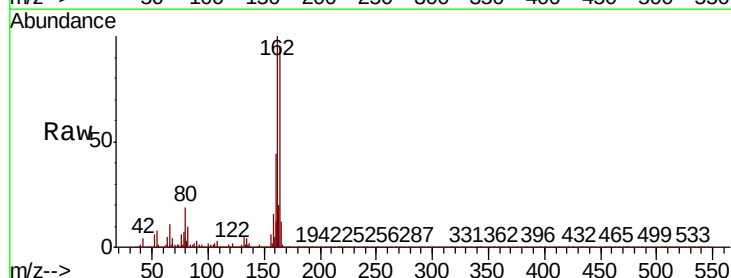
Instrument :
BNA_P
ClientSampleId :
COMP-34

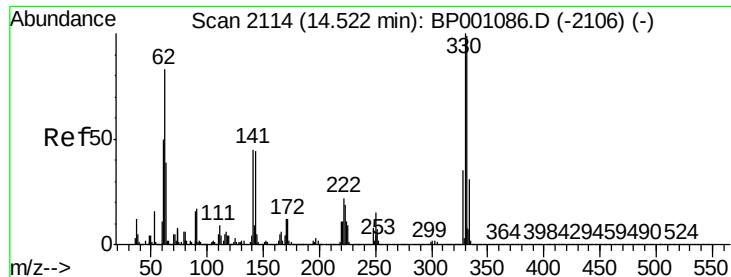
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	27.5	41.3
54	58.2	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001252.D
Acq: 07 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.7	121.1
160	46.6	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 153.403 ng

RT: 14.50 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BP001252.D

Acq: 07 Dec 2019 14:08

Instrument :

BNA_P

ClientSampleId :

COMP-34

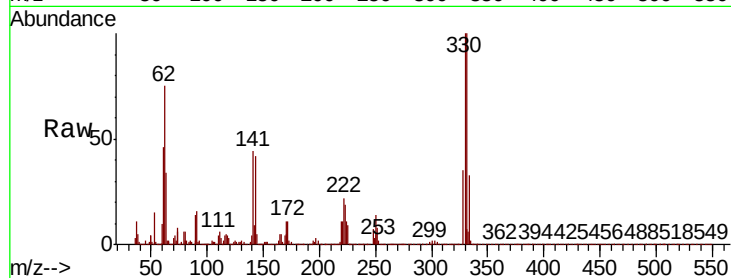
Tot Ion:330 Resp: 262484

Ion Ratio Lower Upper

330 100

332 97.4 79.1 118.7

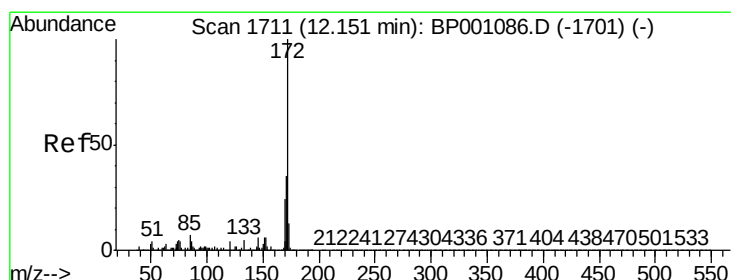
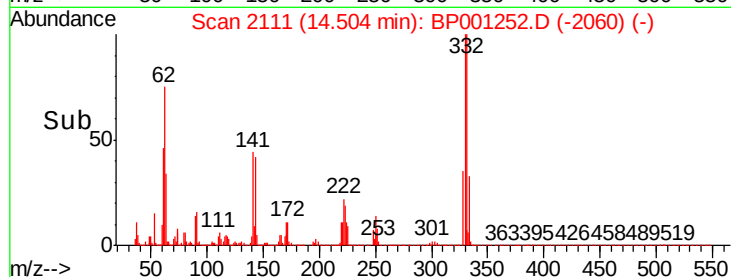
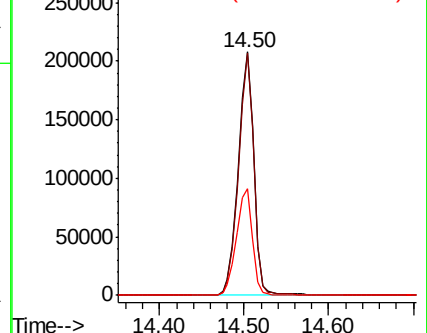
141 44.9 35.9 53.9



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: 89.192 ng

RT: 12.12 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP001252.D

Acq: 07 Dec 2019 14:08

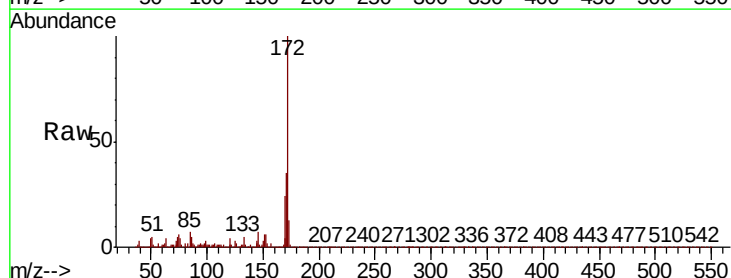
Tgt Ion:172 Resp: 1087894

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

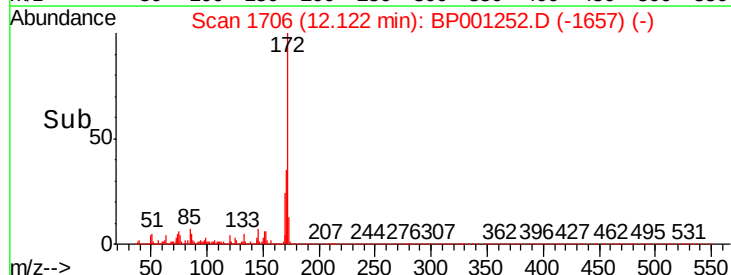
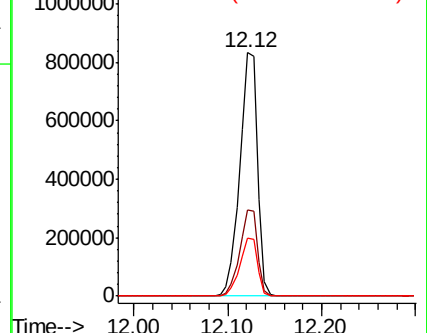
170 23.8 19.2 28.8

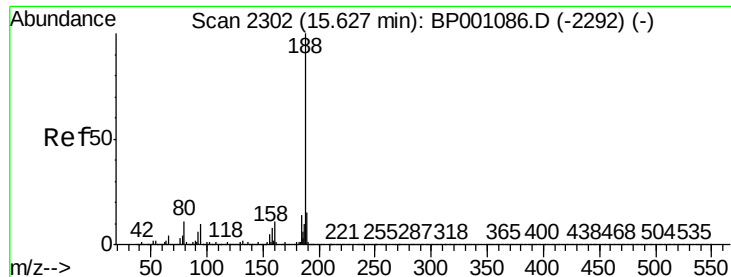


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2298

Delta R.T. -0.01 min

Lab File: BP001252.D

Acq: 07 Dec 2019 14:08

Instrument :

BNA_P

ClientSampleId :

COMP-34

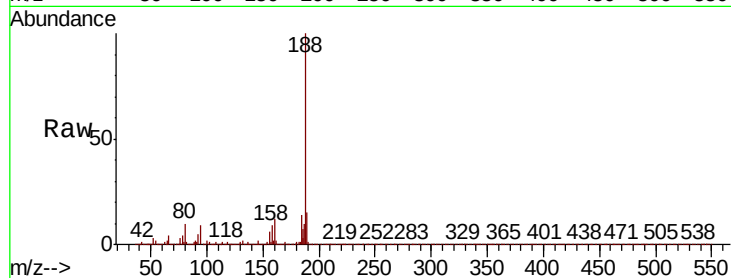
Tot Ion:188 Resp: 341945

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

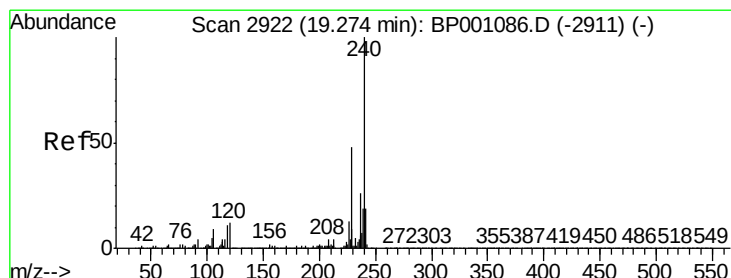
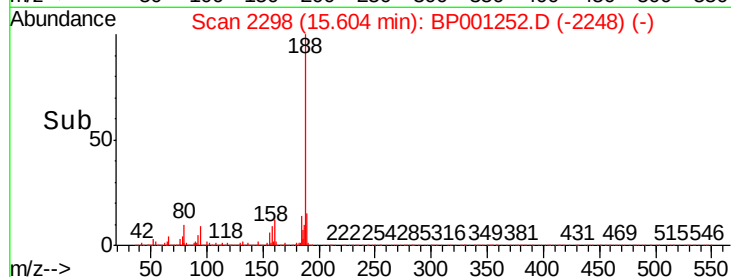
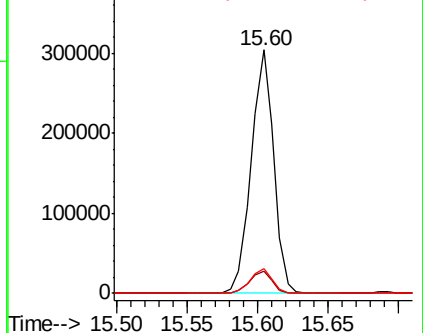
80 10.3 7.8 11.6



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# 2917

Delta R.T. -0.01 min

Lab File: BP001252.D

Acq: 07 Dec 2019 14:08

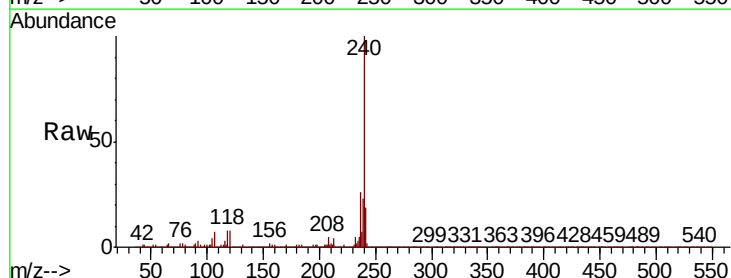
Tgt Ion:240 Resp: 264347

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

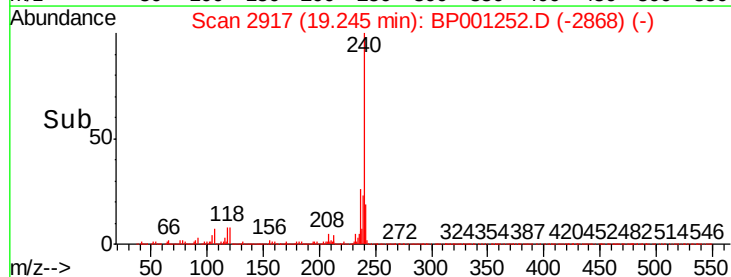
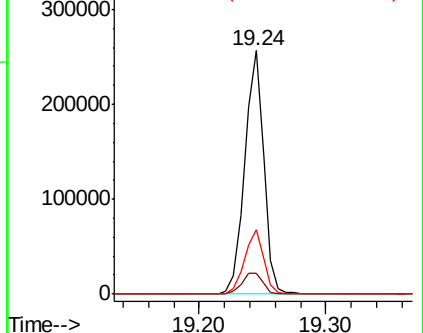
236 26.4 21.7 32.5

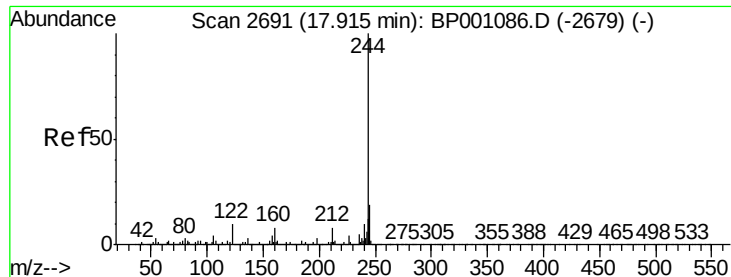


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.940 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.00 min

Lab File: BP001252.D

Acq: 07 Dec 2019 14:08

Instrument :

BNA_P

ClientSampleId :

COMP-34

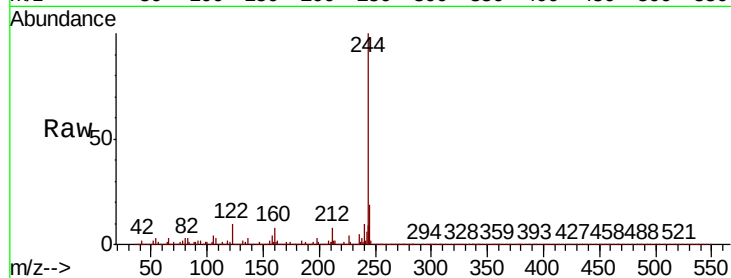
Tot Ion:244 Resp: 1356535

Ion Ratio Lower Upper

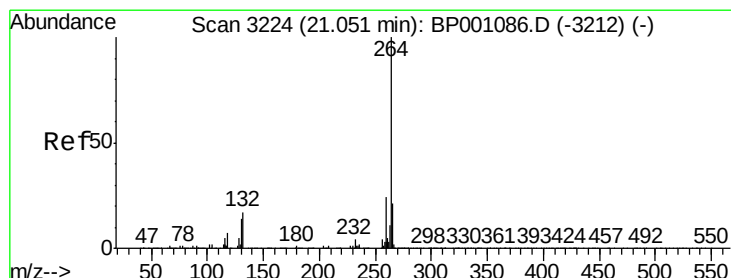
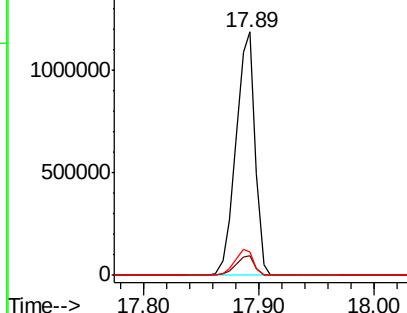
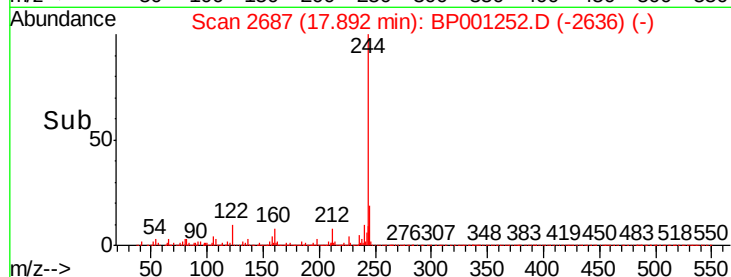
244 100

212 8.0 6.6 9.8

122 9.7 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: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001252.D

Acq: 07 Dec 2019 14:08

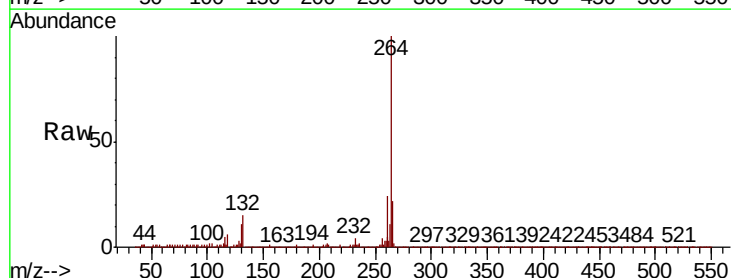
Tgt Ion:264 Resp: 269716

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.2 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

