

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002975.D
 Acq On : 13 Aug 2020 20:20
 Operator : CG/JU
 Sample : L3648-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-9

Quant Time: Aug 14 02:53:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	337512	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1403139	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	884459	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1932060	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1931979	20.00	ng	0.00
86) Perylene-d12	23.42	264	1985657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1114248	50.53	ng	0.00
7) Phenol-d6	6.86	99	838416	27.38	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1722558	66.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1233859	112.24	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4929240	76.15	ng	-0.01
79) Terphenyl-d14	19.66	244	6781549	70.27	ng	0.00

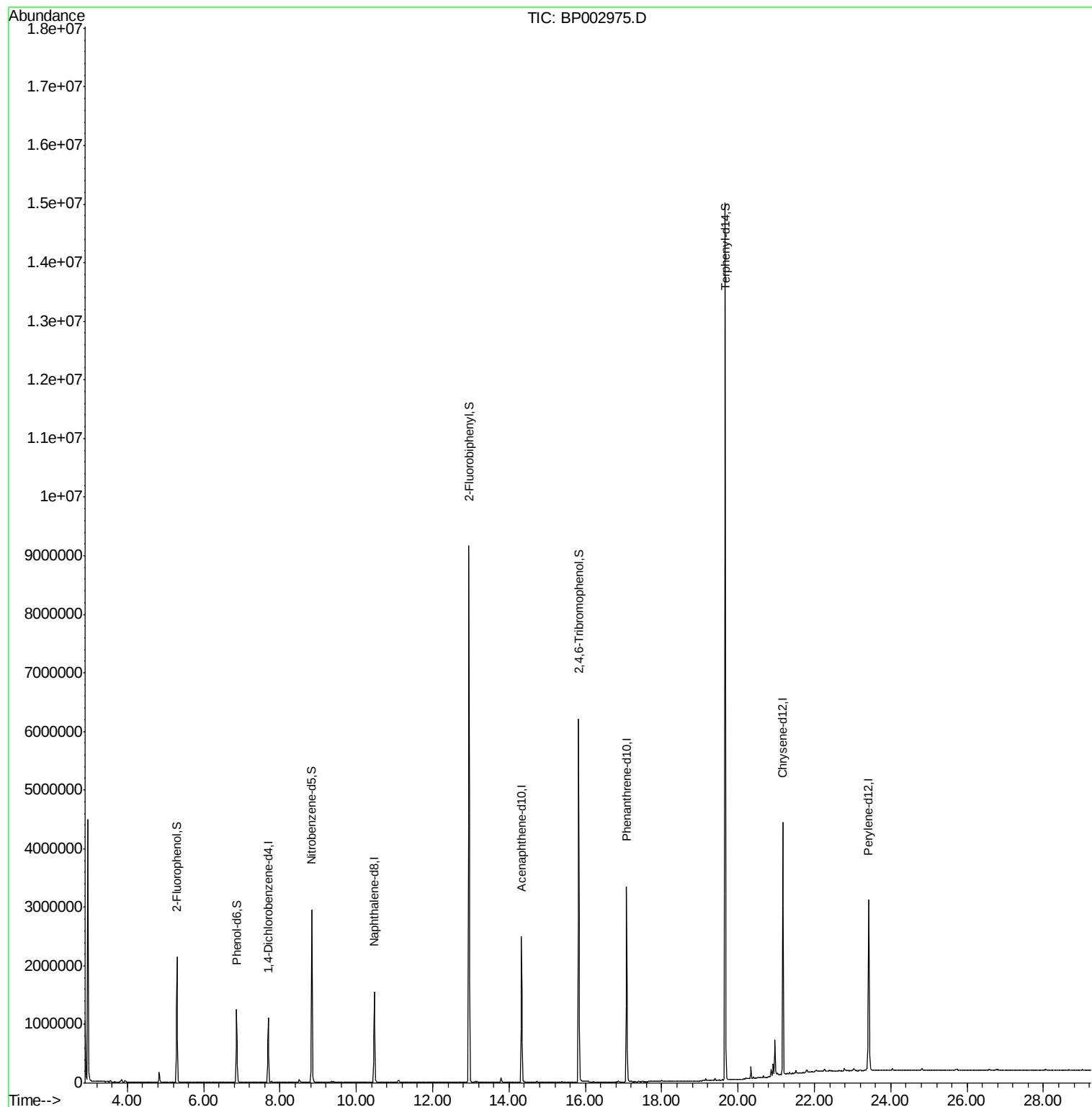
Target Compounds Qvalue

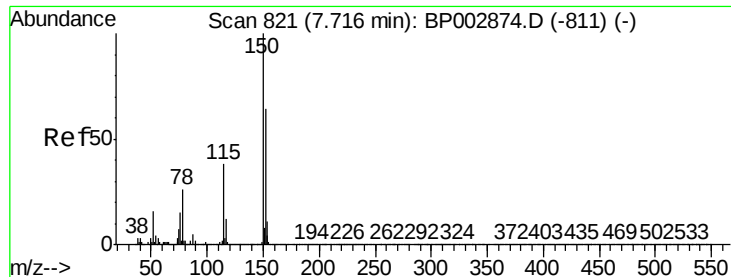
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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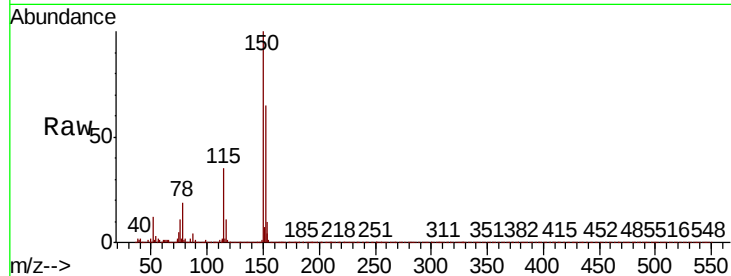


#1

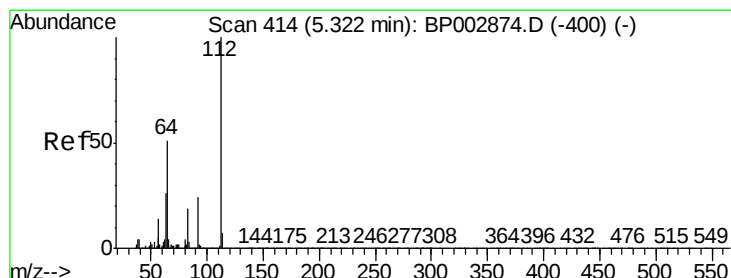
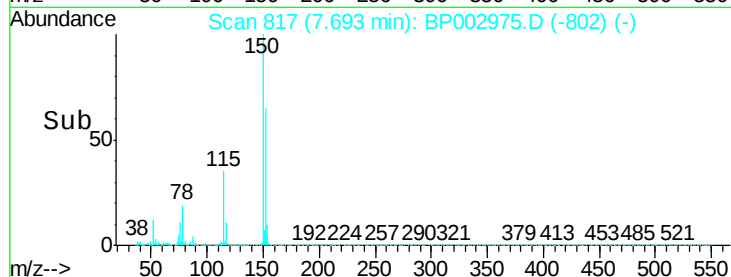
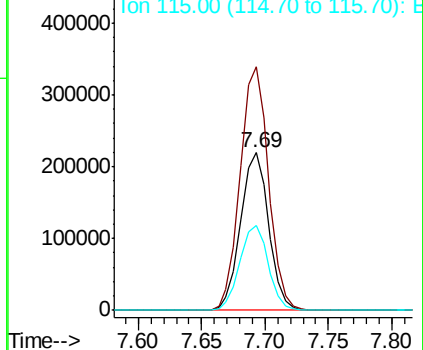
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.4
115	53.9	42.1	63.1



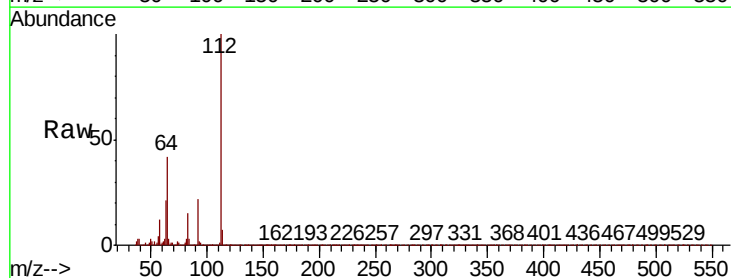
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



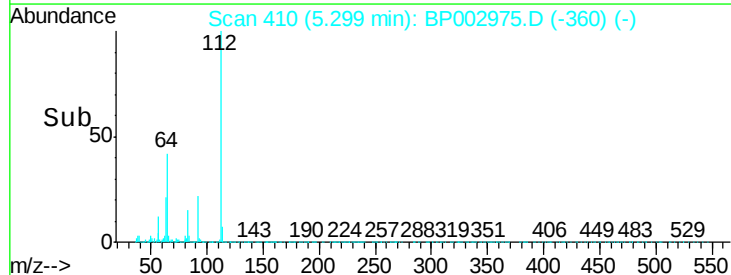
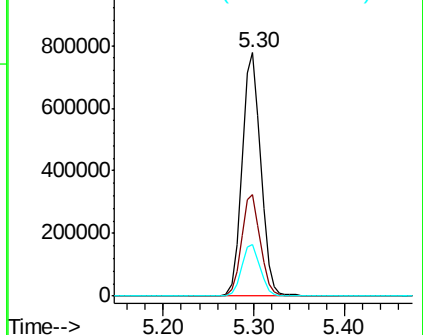
#5

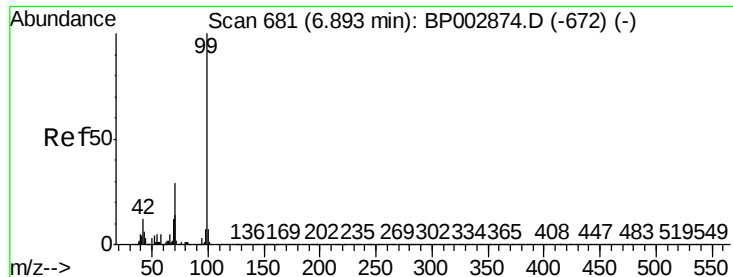
2-Fluorophenol
Concen: 50.527 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	33.8	50.8
63	21.1	17.2	25.8



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: 27.384 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

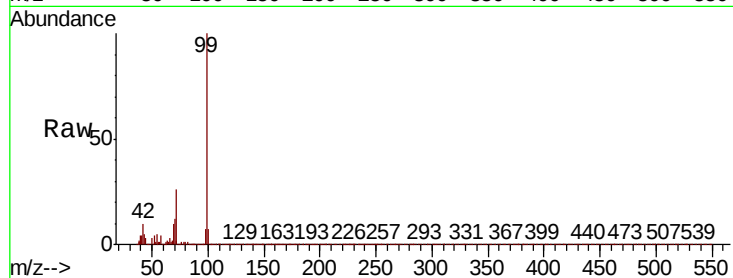
Tot Ion: 99 Resp: 838416

Ion Ratio Lower Upper

99 100

42 10.4 8.1 12.1

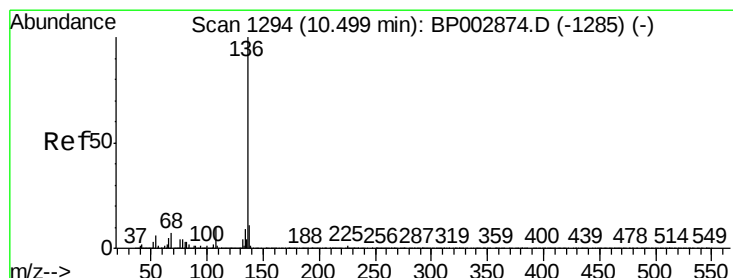
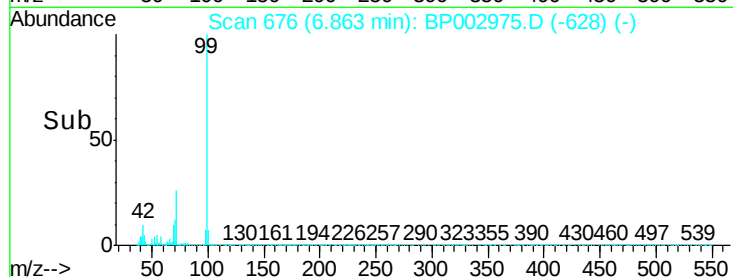
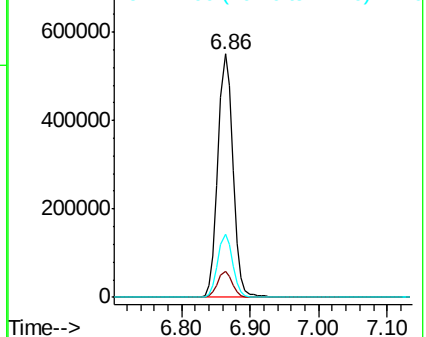
71 26.2 21.0 31.4



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: 10.47 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Tgt Ion: 136 Resp: 1403139

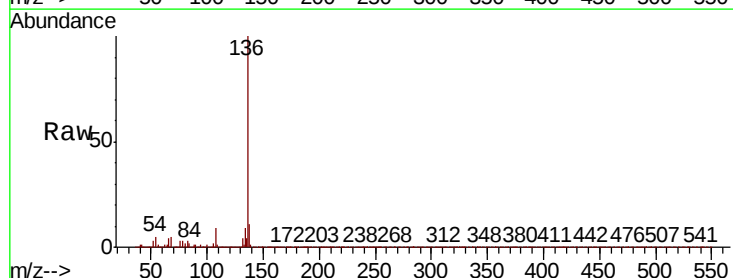
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 4.9 3.9 5.9

68 5.0 3.8 5.8

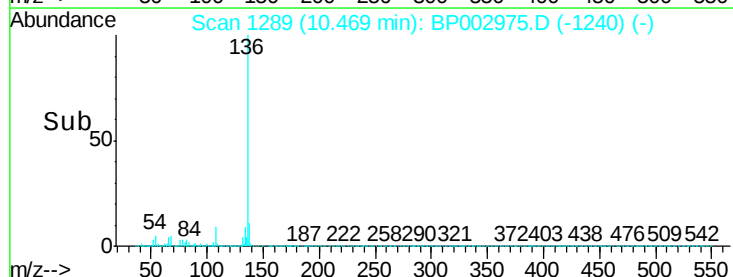
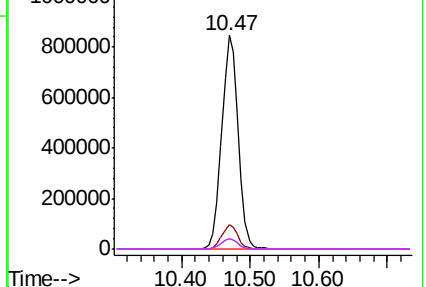


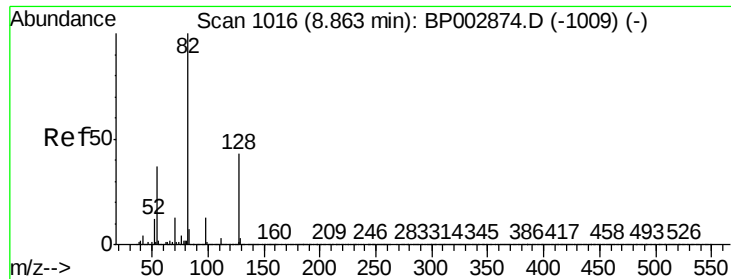
Abundance Ion 136.00 (135.70 to 136.70): E

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

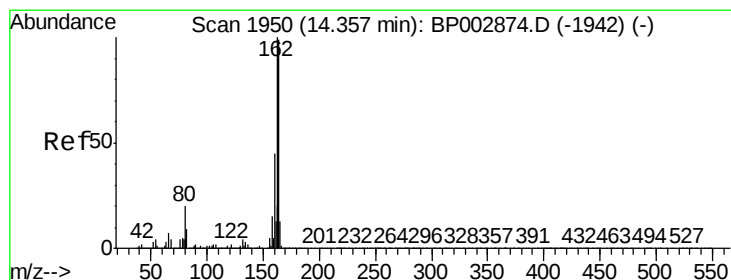
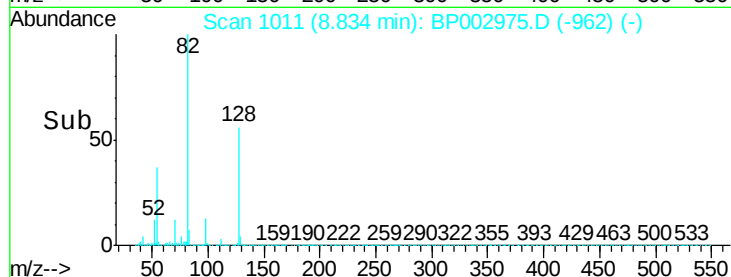
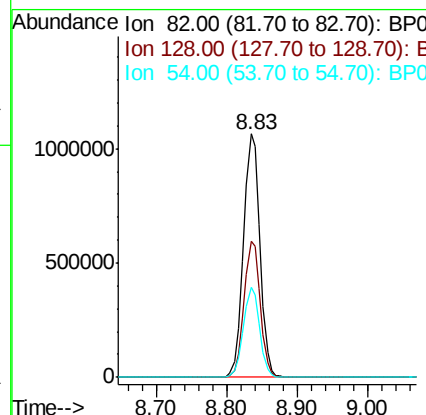
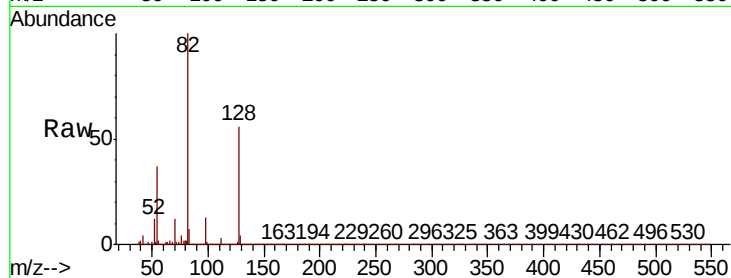




#23
Nitrobenzene-d5
Concen: 66.492 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

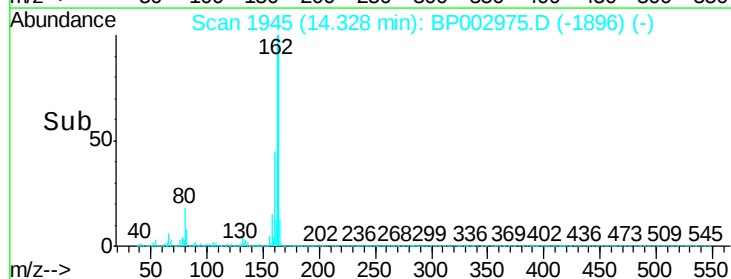
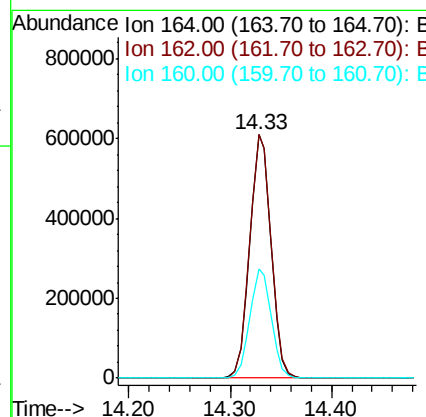
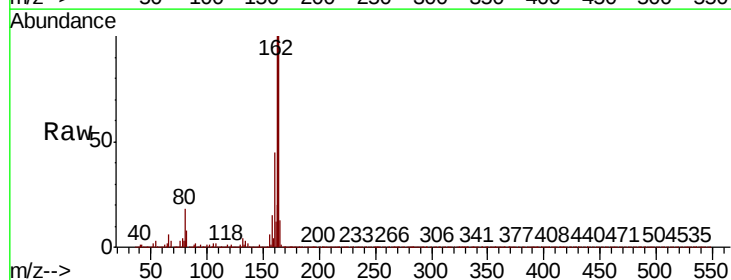
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-9

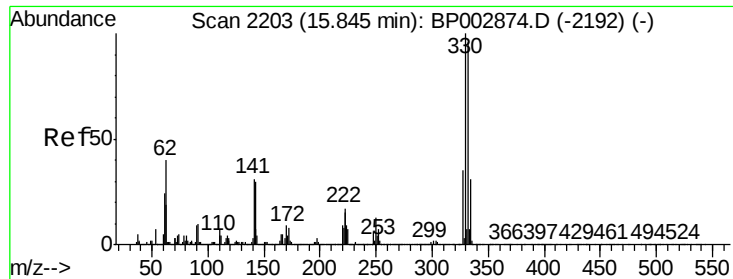
Tot Ion: 82 Resp: 1722558
Ion Ratio Lower Upper
82 100
128 56.1 44.6 66.8
54 36.8 29.2 43.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002975.D
Acq: 13 Aug 2020 20:20

Tgt Ion: 164 Resp: 884459
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 112.242 ng

RT: 15.82 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

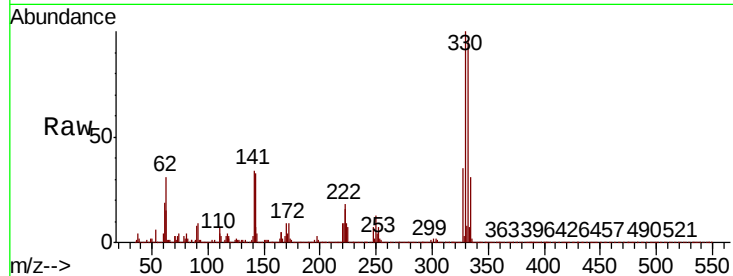
Tot Ion:330 Resp: 1233859

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

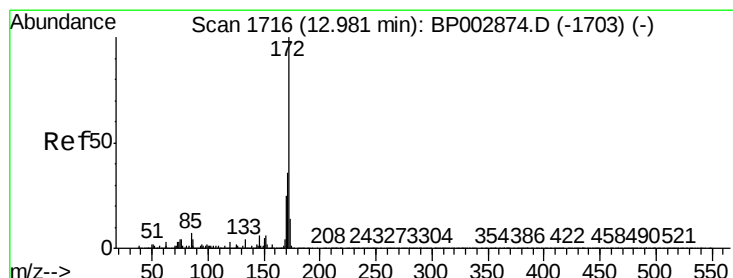
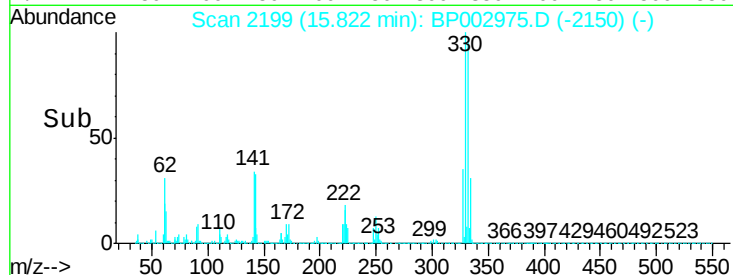
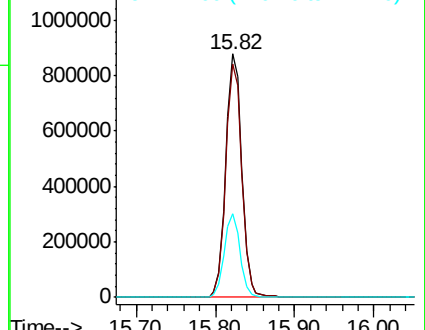
141 33.9 28.6 43.0



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: 76.146 ng

RT: 12.95 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

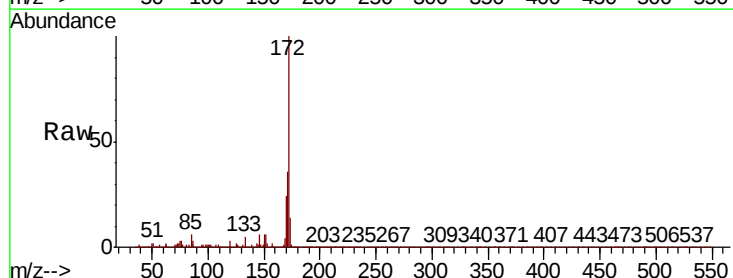
Tgt Ion:172 Resp: 4929240

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

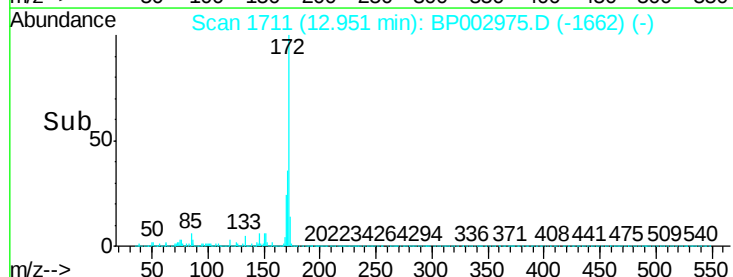
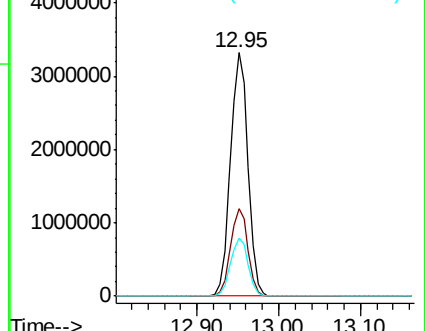
170 24.0 19.6 29.4

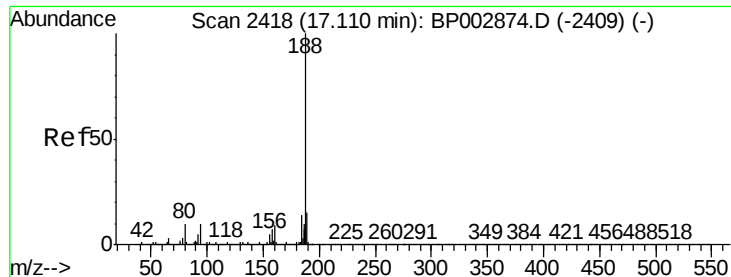


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Instrument :

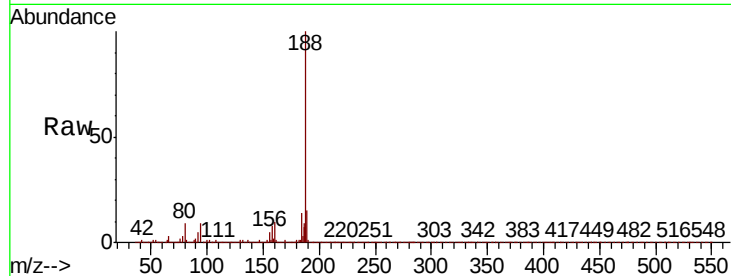
BNA_P

ClientSampleId :

BS-STOCK-9

Tot Ion:188 Resp: 1932060

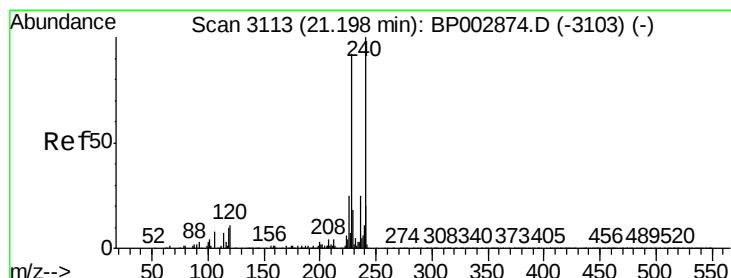
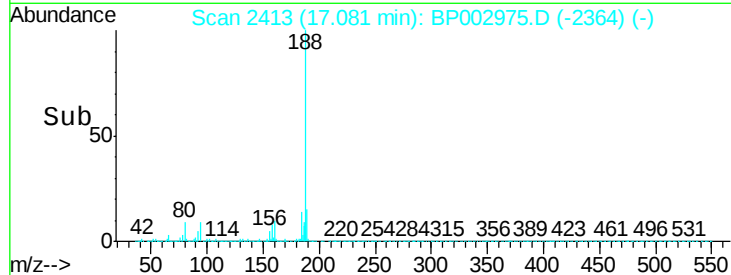
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.1	7.0	10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3109

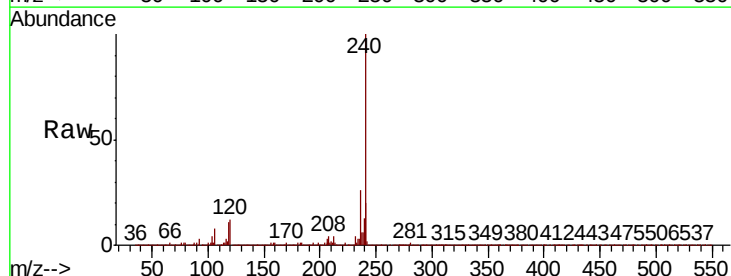
Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Tgt Ion:240 Resp: 1931979

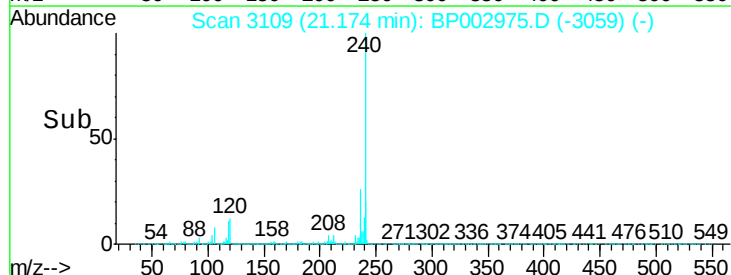
Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.6	16.0
236	25.7	20.7	31.1

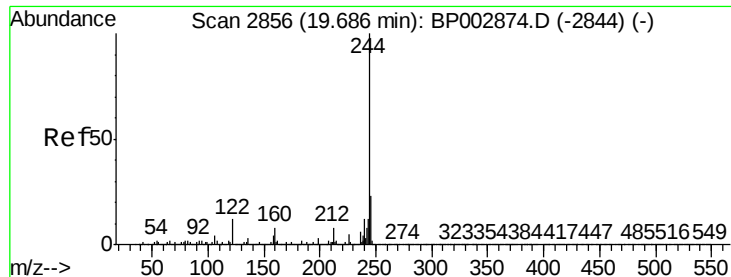


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.272 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-9

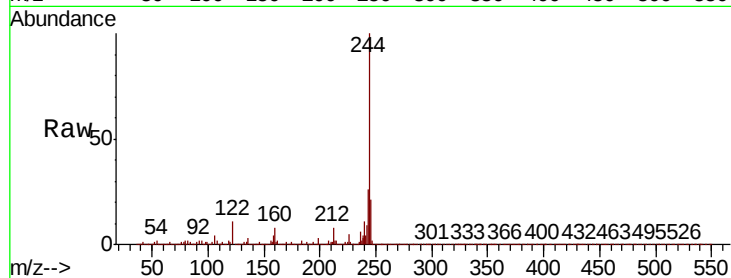
Tot Ion:244 Resp: 6781549

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

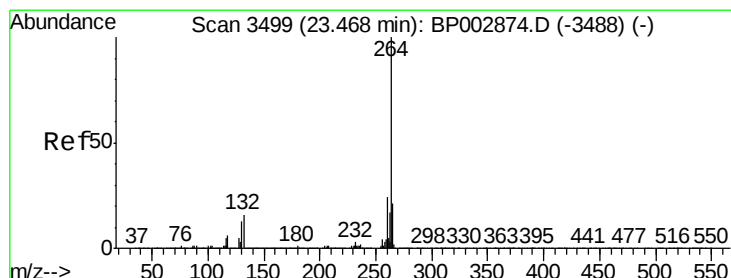
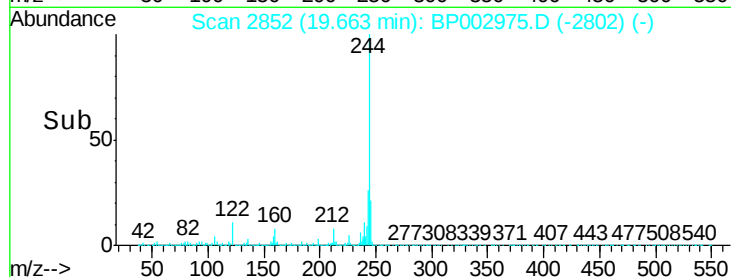
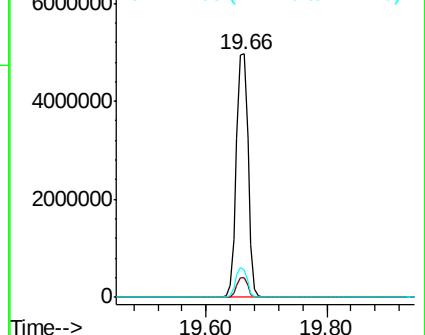
122 11.3 9.9 14.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BP002975.D

Acq: 13 Aug 2020 20:20

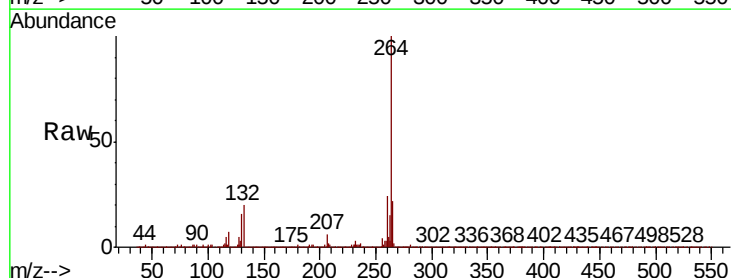
Tgt Ion:264 Resp: 1985657

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.6 17.6 26.4



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

