

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002979.D
 Acq On : 14 Aug 2020 11:45
 Operator : CG/JU
 Sample : PB130933BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130933BL

Quant Time: Aug 17 04:31:28 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	375221	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1441479	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	779941	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1484539	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1327879	20.00	ng	0.00
86) Perylene-d12	23.42	264	1414760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1810170	73.84	ng	0.00
7) Phenol-d6	6.87	99	2099491	61.68	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1211382	45.52	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	647797	66.83	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	3066103	53.71	ng	-0.01
79) Terphenyl-d14	19.66	244	3357237	50.61	ng	-0.01

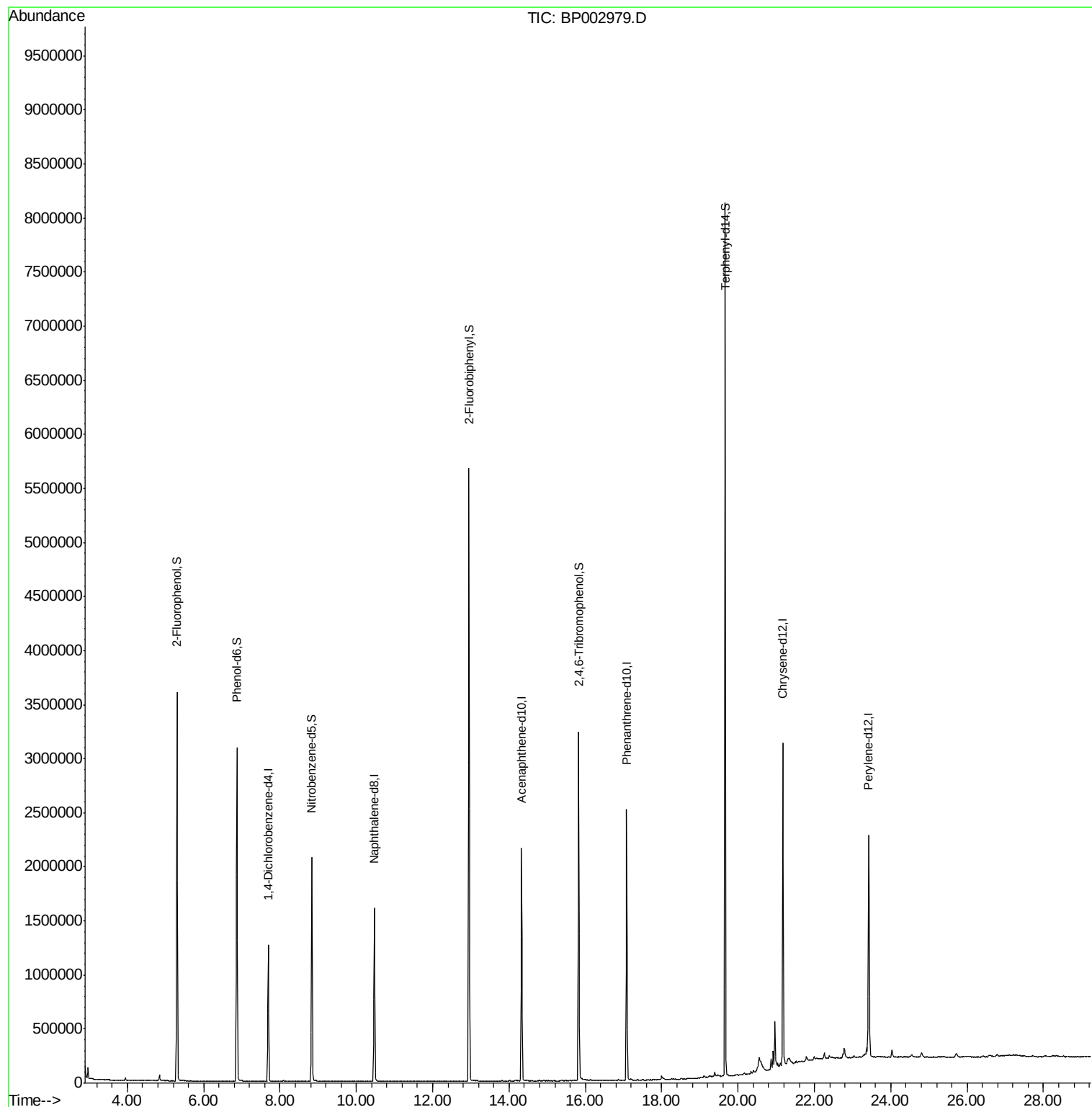
Target Compounds Qvalue

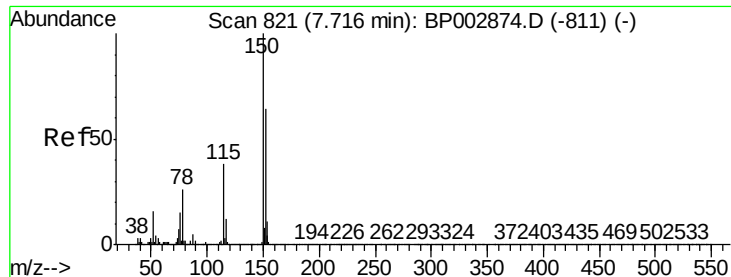
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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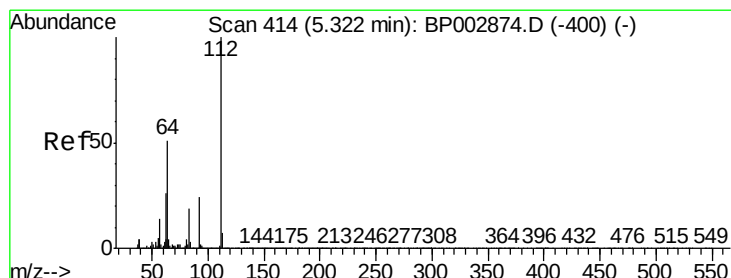
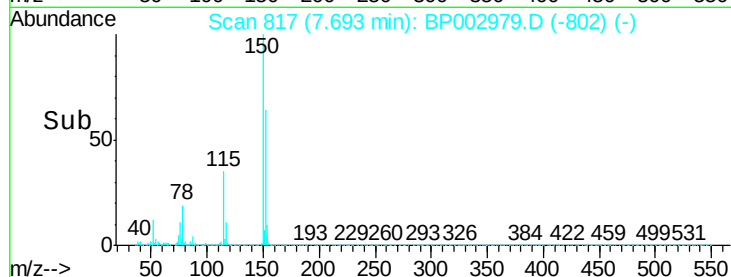
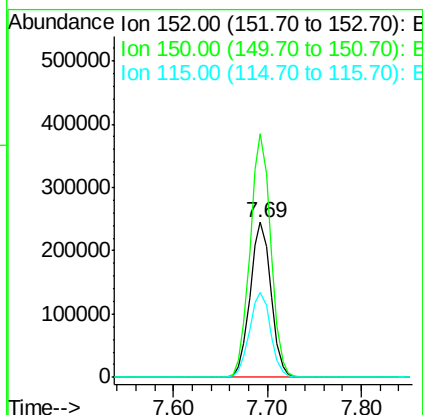
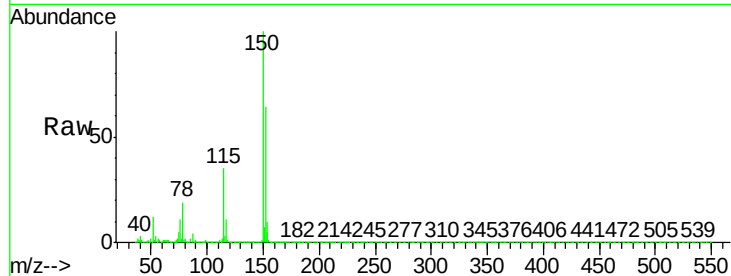


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB130933BL

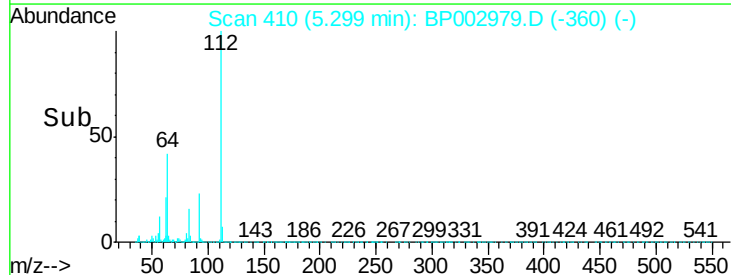
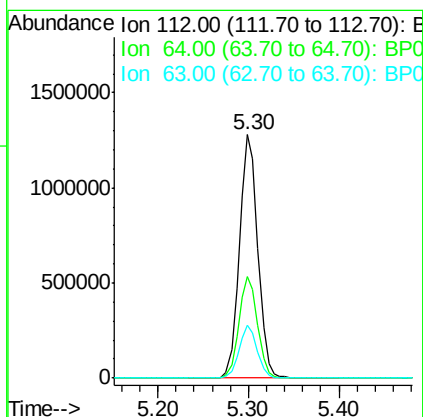
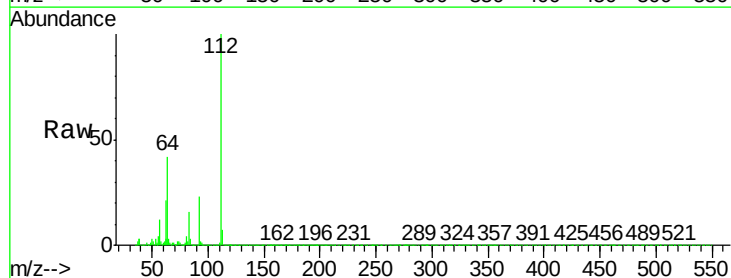
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.4
115	55.2	42.1	63.1

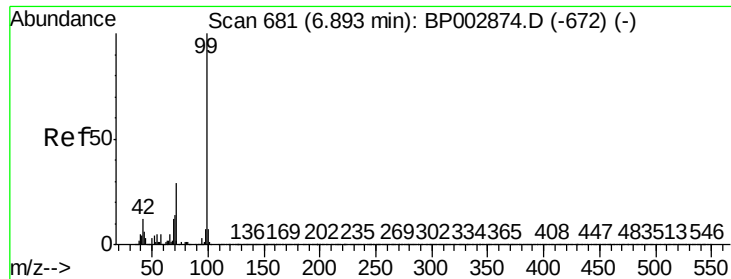


#5

2-Fluorophenol
Concen: 73.835 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002979.D
Acq: 14 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.9	33.8	50.8
63	21.5	17.2	25.8





#7

Phenol-d6

Concen: 61.681 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002979.D

Acq: 14 Aug 2020 11:45

Instrument :

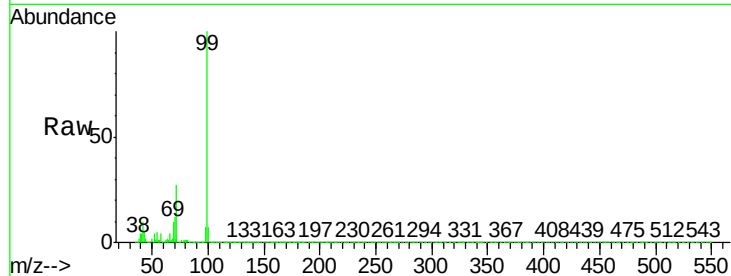
BNA_P

ClientSampleId :

PB130933BL

Tot Ion: 99 Resp: 2099491

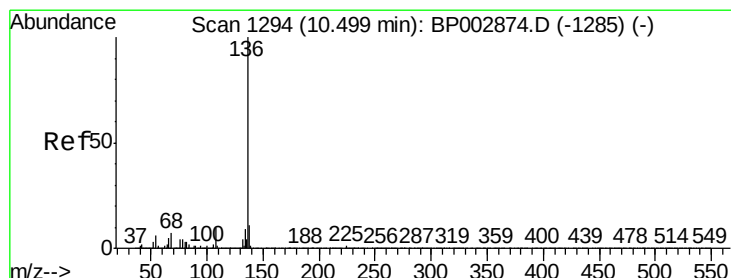
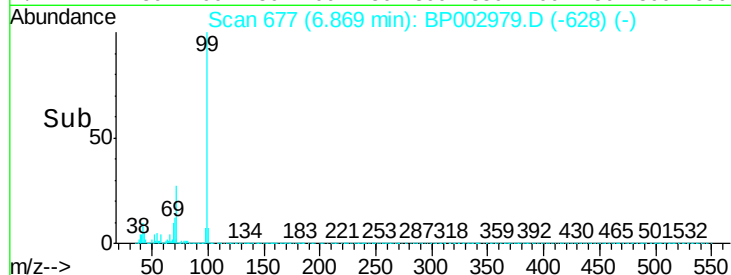
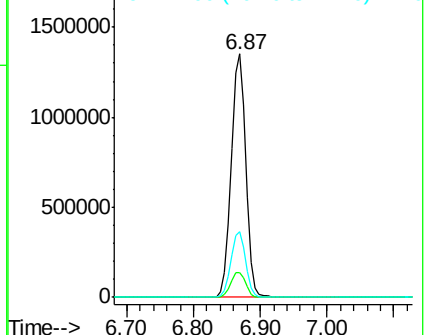
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.1	12.1
71	27.1	21.0	31.4



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

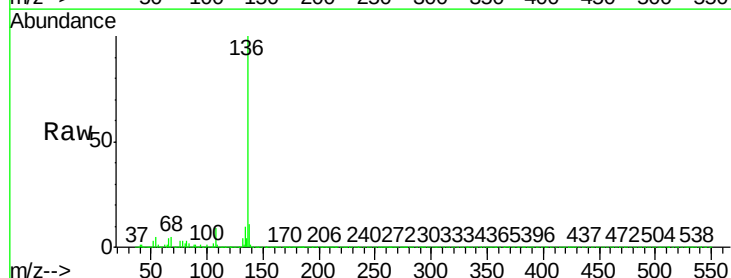
Delta R.T. -0.01 min

Lab File: BP002979.D

Acq: 14 Aug 2020 11:45

Tgt Ion: 136 Resp: 1441479

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	4.8	3.9	5.9
68	4.8	3.8	5.8

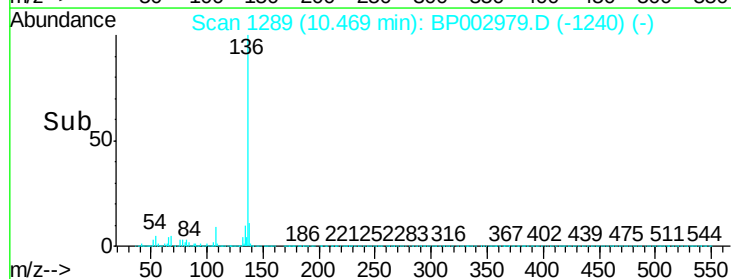
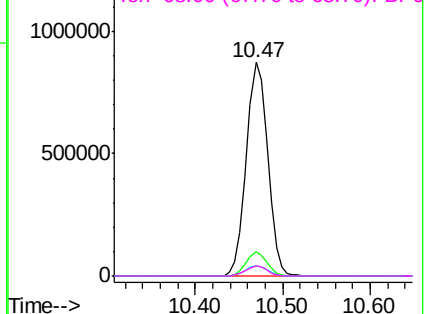


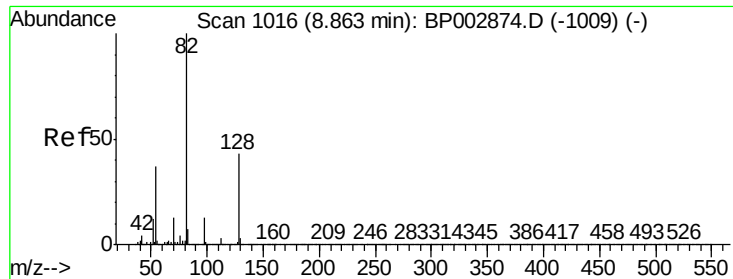
Abundance Ion 136.00 (135.70 to 136.70): E

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

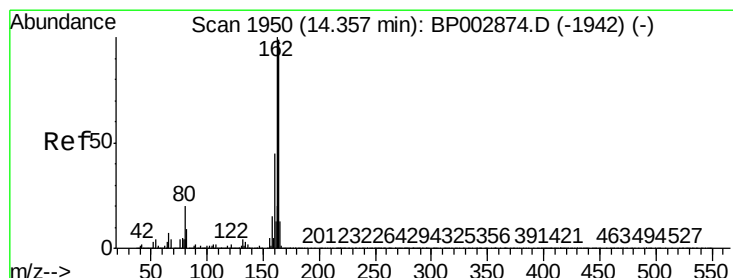
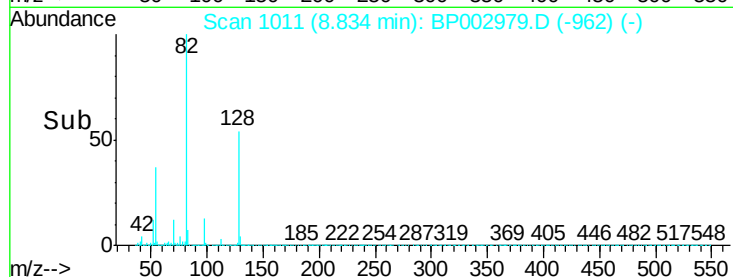
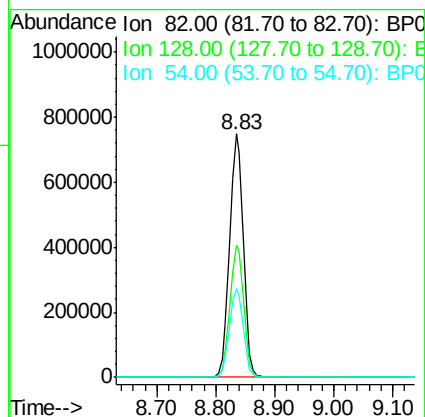
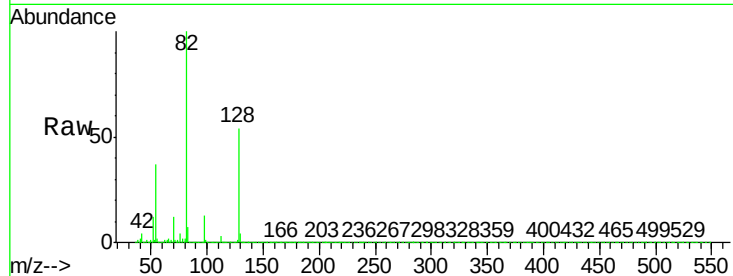




#23
 Nitrobenzene-d5
 Concen: 45.517 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002979.D
 Acq: 14 Aug 2020 11:45

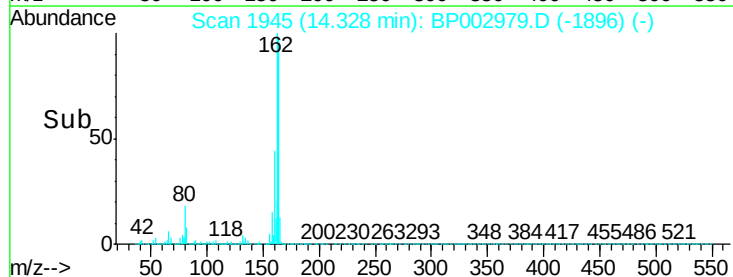
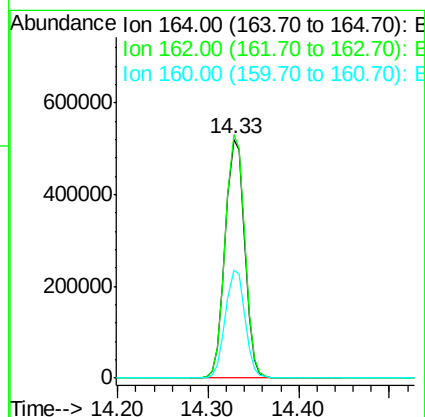
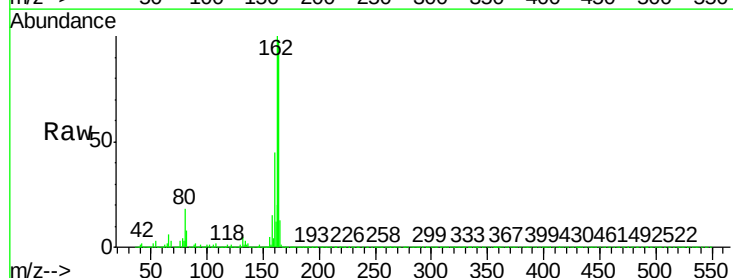
Instrument :
 BNA_P
 ClientSampleId :
 PB130933BL

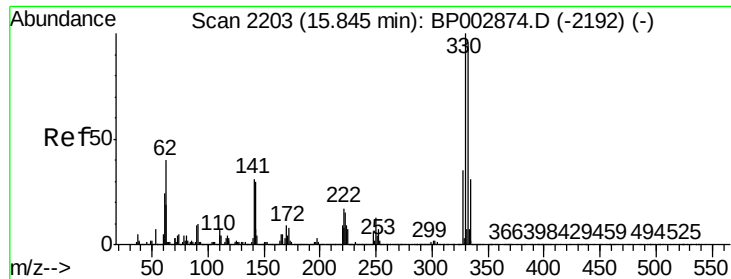
Tot Ion: 82 Resp: 1211382
 Ion Ratio Lower Upper
 82 100
 128 54.3 44.6 66.8
 54 36.6 29.2 43.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BP002979.D
 Acq: 14 Aug 2020 11:45

Tgt Ion:164 Resp: 779941
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.0 121.4
 160 45.4 36.2 54.4

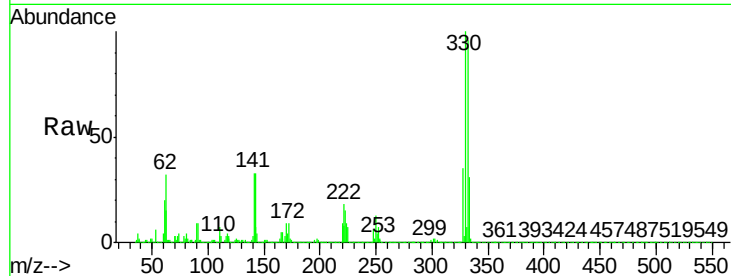




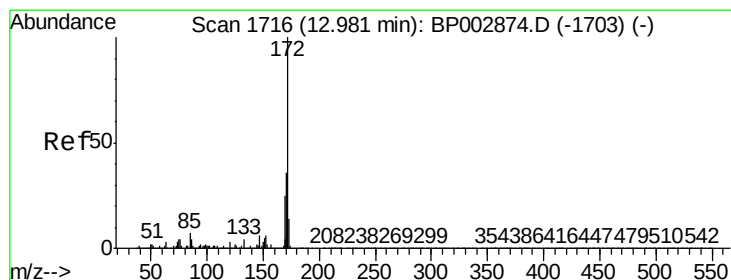
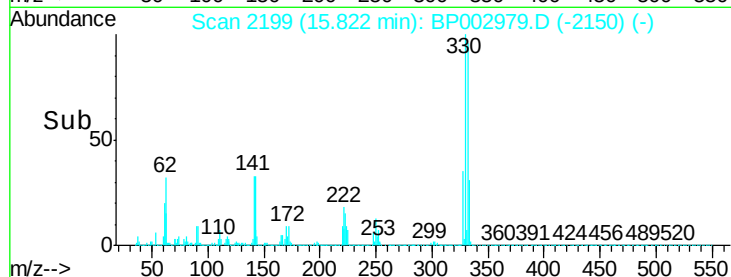
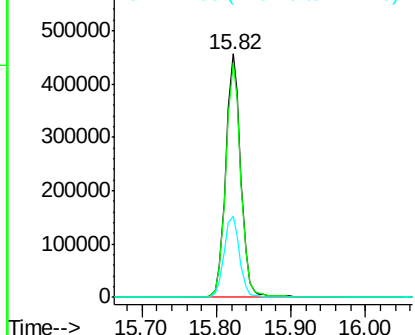
#42
 2,4,6-Tribromophenol
 Concen: 66.826 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002979.D
 Acq: 14 Aug 2020 11:45

Instrument :
 BNA_P
 ClientSampleId :
 PB130933BL

Tot Ion:330 Resp: 647797
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.4
 141 34.4 28.6 43.0

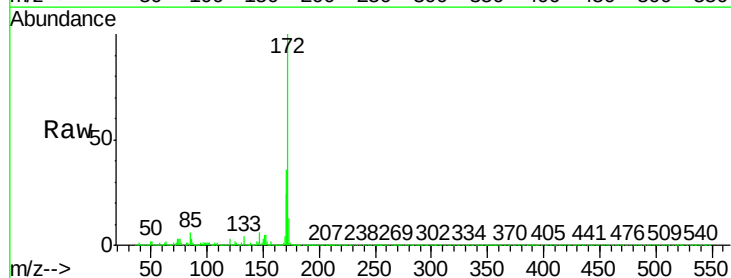


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

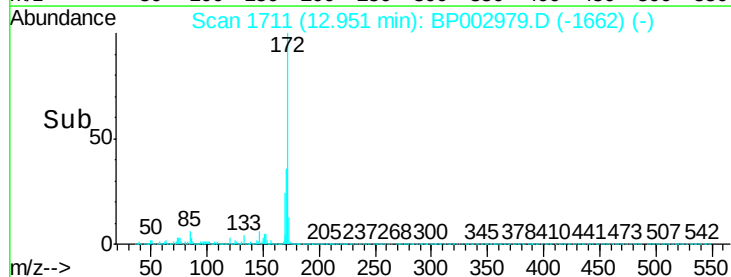
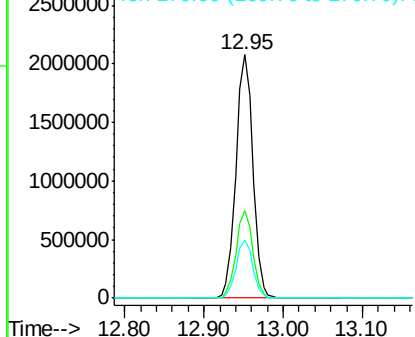


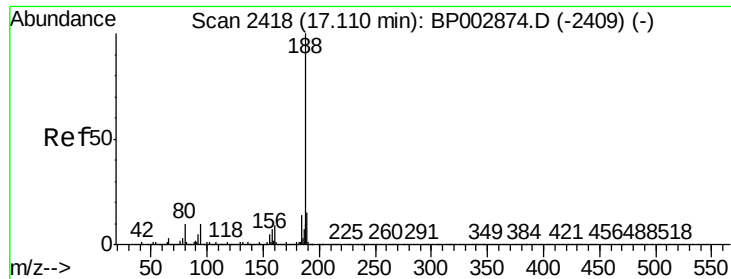
#45
 2-Fluorobiphenyl
 Concen: 53.712 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002979.D
 Acq: 14 Aug 2020 11:45

Tgt Ion:172 Resp: 3066103
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.7 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: BP002979.D

Acq: 14 Aug 2020 11:45

Instrument :

BNA_P

ClientSampleId :

PB130933BL

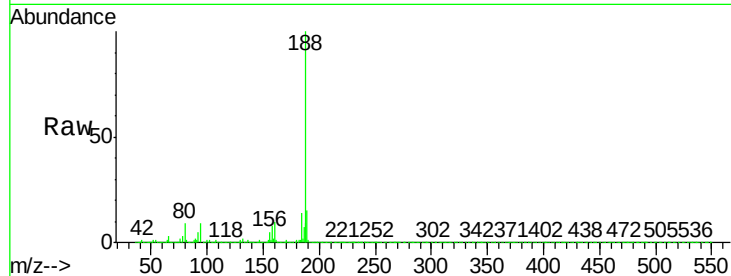
Tot Ion:188 Resp: 1484539

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

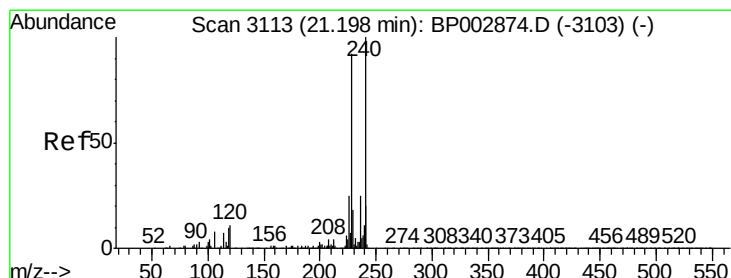
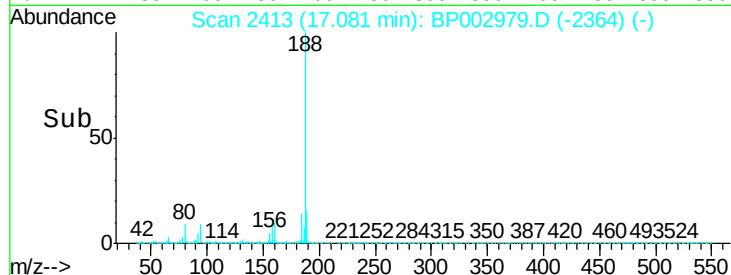
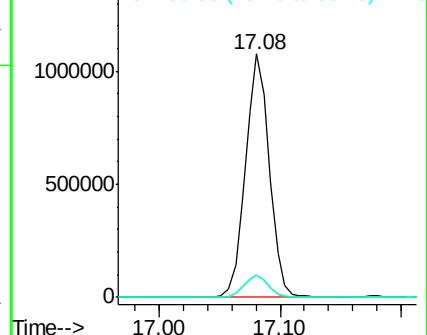
80 8.9 7.0 10.6



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: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002979.D

Acq: 14 Aug 2020 11:45

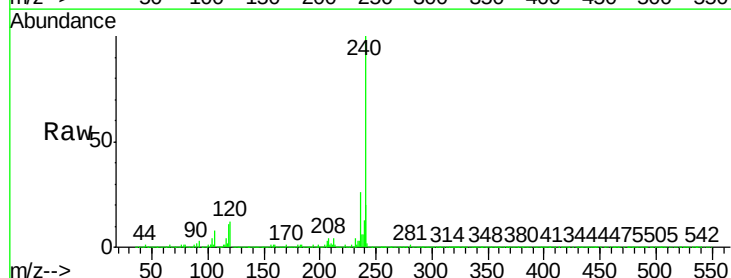
Tgt Ion:240 Resp: 1327879

Ion Ratio Lower Upper

240 100

120 12.0 10.6 16.0

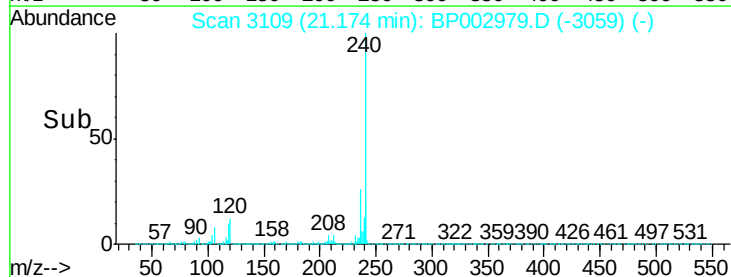
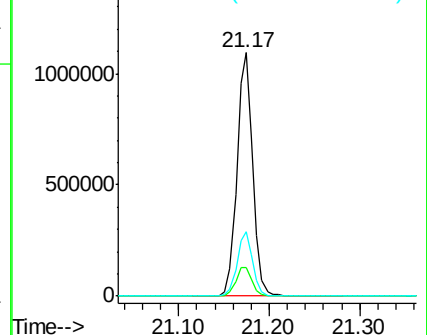
236 26.3 20.7 31.1

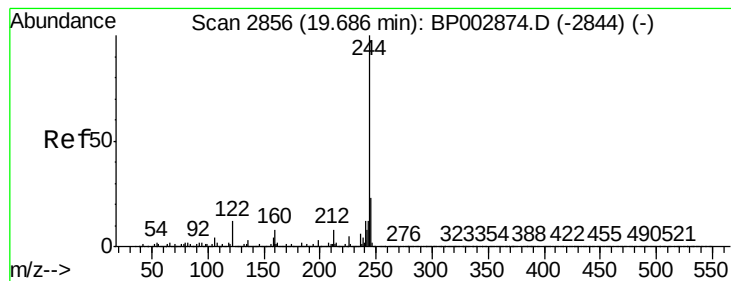


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 50.615 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002979.D

Acq: 14 Aug 2020 11:45

Instrument :

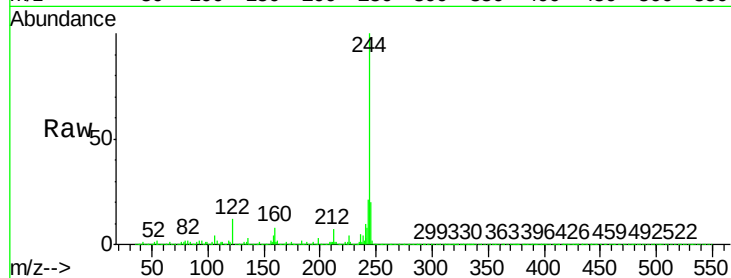
BNA_P

ClientSampleId :

PB130933BL

Tot Ion:244 Resp: 3357237

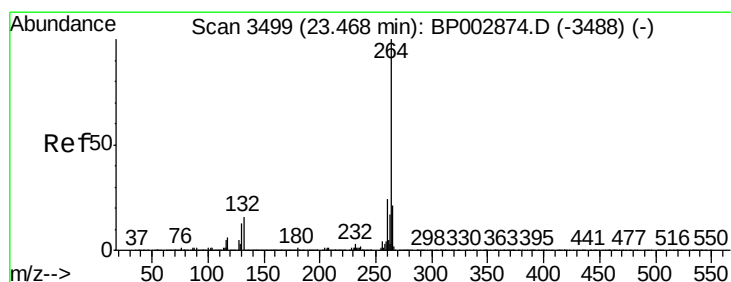
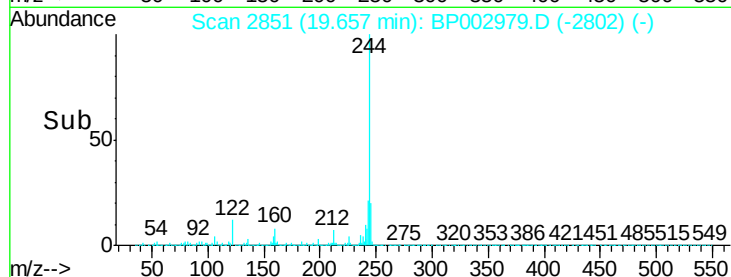
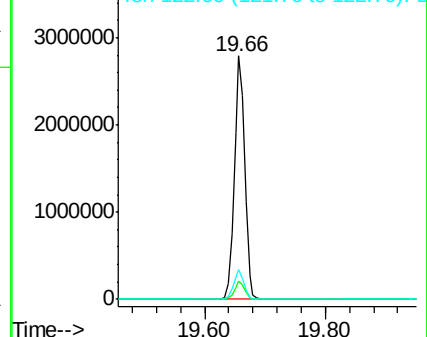
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	12.1	9.9	14.9



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

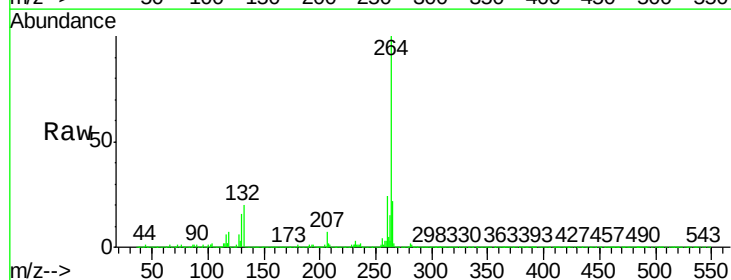
Delta R.T. -0.01 min

Lab File: BP002979.D

Acq: 14 Aug 2020 11:45

Tgt Ion:264 Resp: 1414760

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.7	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

