

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002986.D
 Acq On : 14 Aug 2020 15:55
 Operator : CG/JU
 Sample : L3508-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-081120

Quant Time: Aug 17 04:45:07 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	366501	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1253572	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	678131	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1327254	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1389995	20.00	ng	0.00
86) Perylene-d12	23.42	264	1533727	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2029128	84.74	ng	0.00
7) Phenol-d6	6.87	99	2153130	64.76	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1540699	66.57	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	872164	103.48	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	3835110	77.27	ng	-0.01
79) Terphenyl-d14	19.66	244	4530752	65.25	ng	-0.01

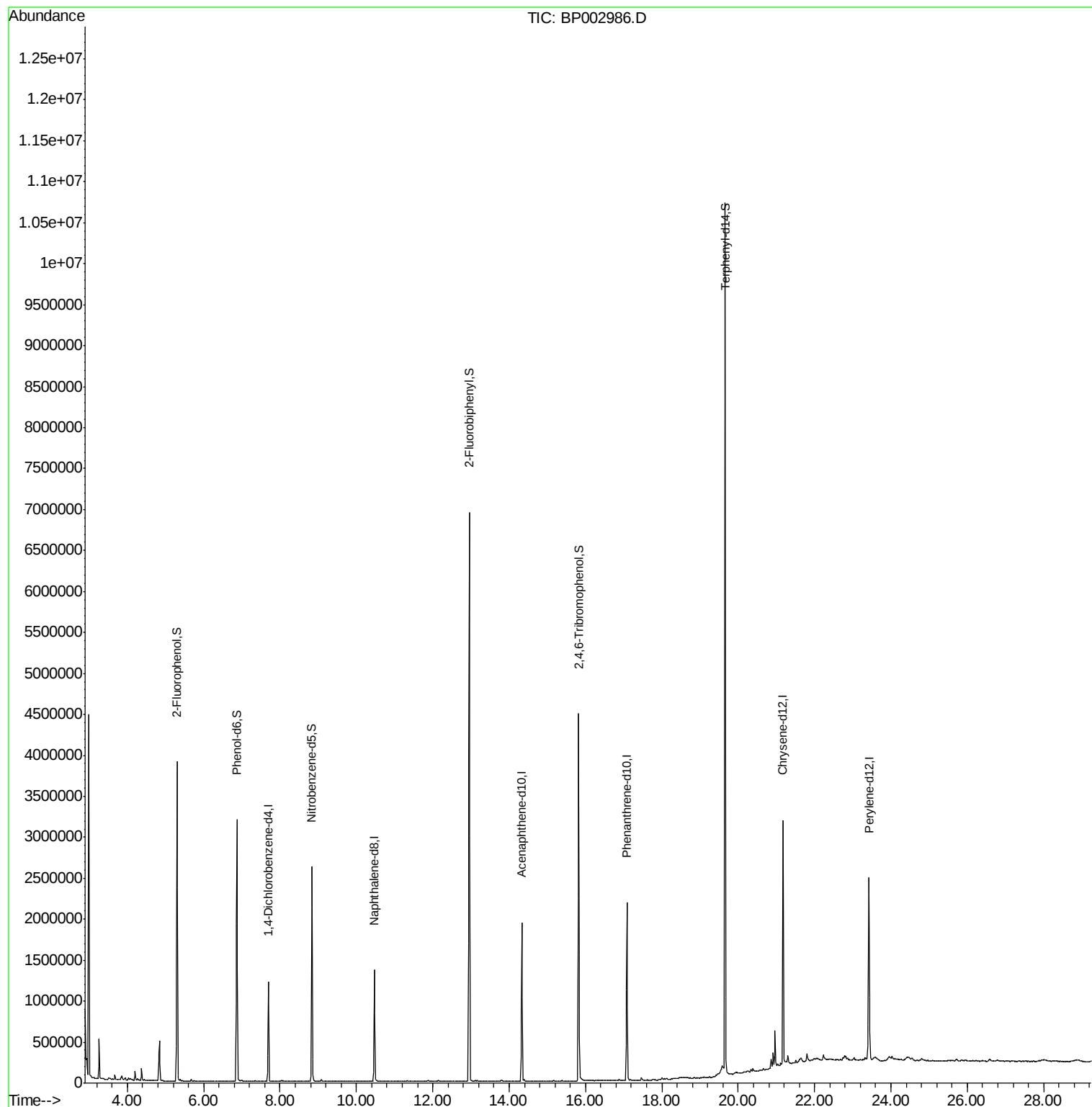
Target Compounds Qvalue

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

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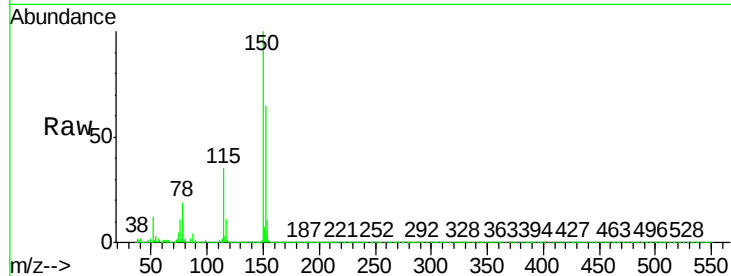


#1

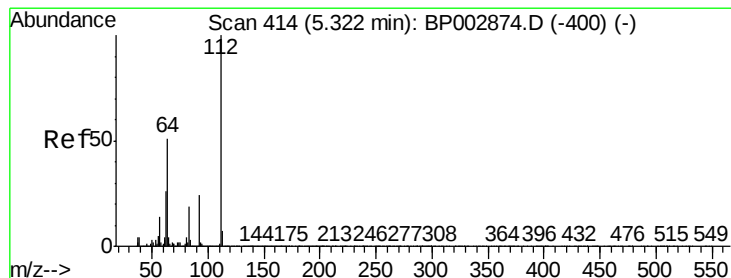
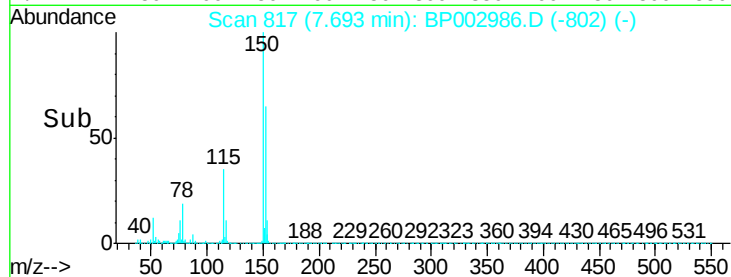
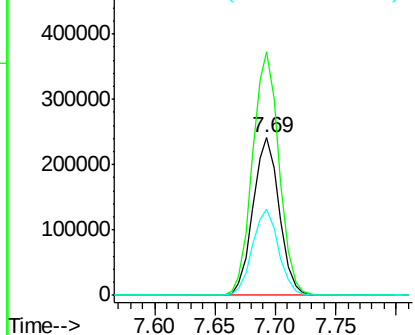
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Instrument :
BNA_P
ClientSampleId :
TR-05-081120

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.4
115	54.9	42.1	63.1



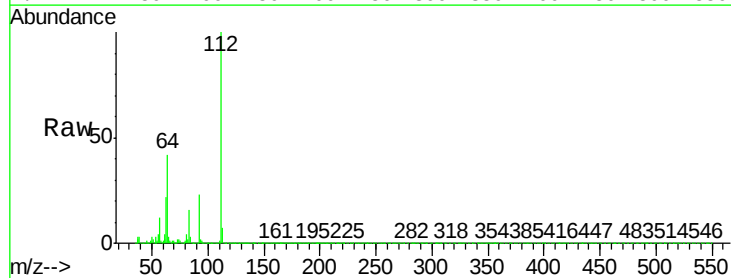
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



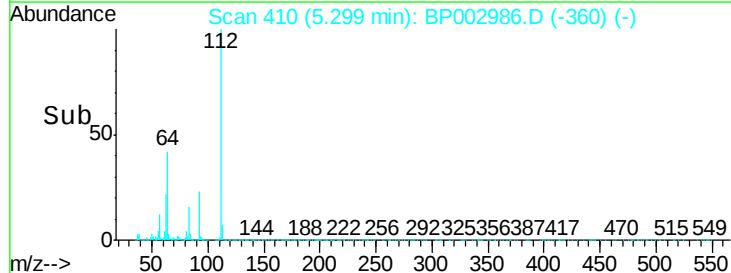
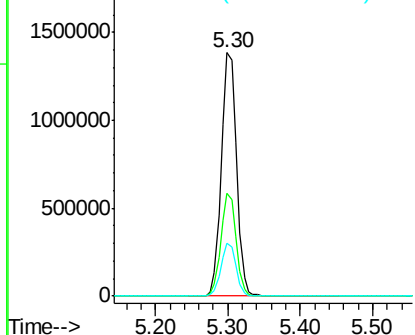
#5

2-Fluorophenol
Concen: 84.736 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.4	33.8	50.8
63	21.7	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: 64.762 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

Instrument :

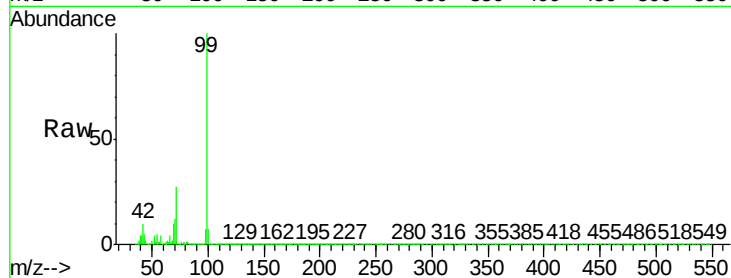
BNA_P

ClientSampleId :

TR-05-081120

Tot Ion: 99 Resp: 2153130

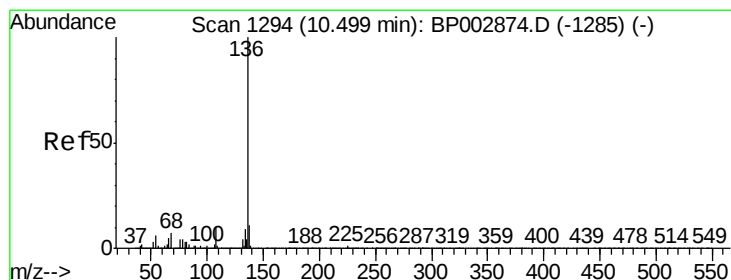
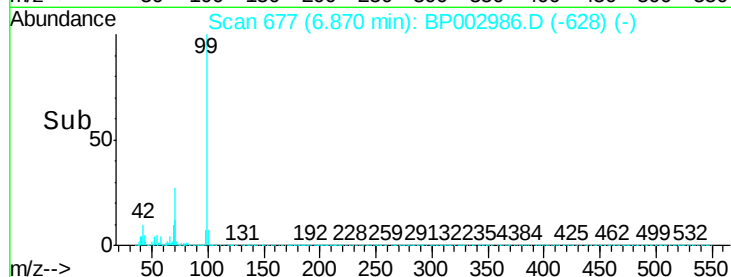
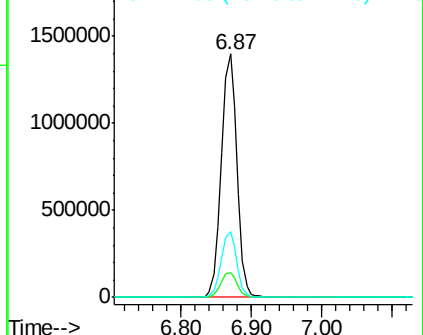
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.1	12.1
71	26.9	21.0	31.4



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

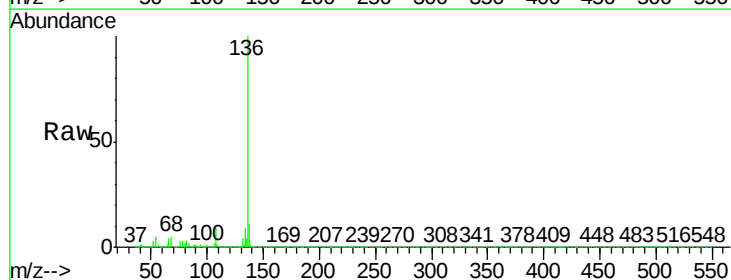
Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

Tgt Ion: 136 Resp: 1253572

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.1	3.9	5.9
68	4.9	3.8	5.8

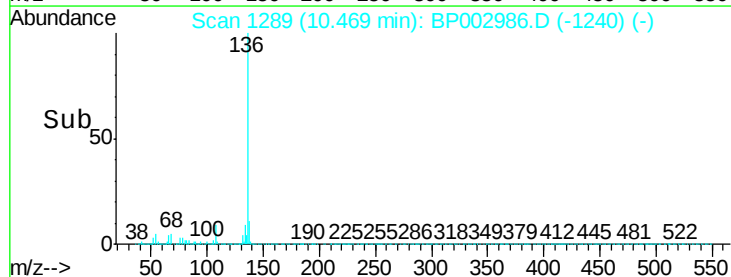
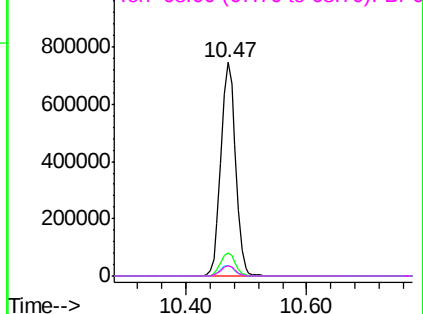


Abundance Ion 136.00 (135.70 to 136.70): E

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

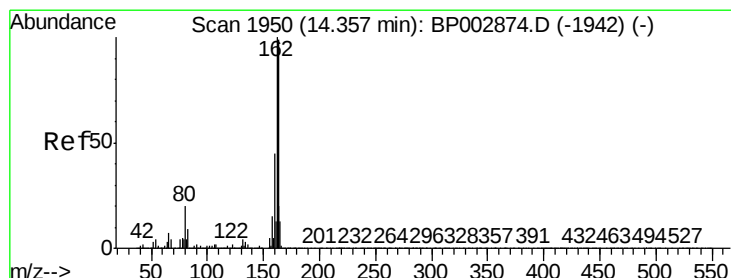
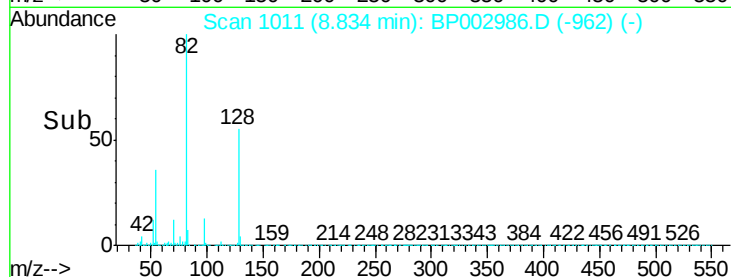
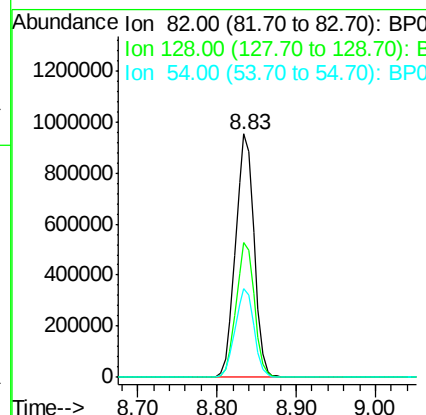
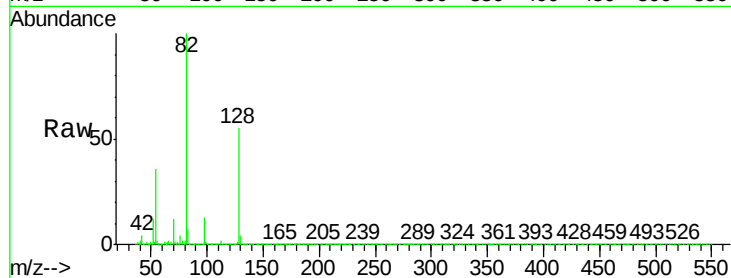




#23
Nitrobenzene-d5
Concen: 66.568 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

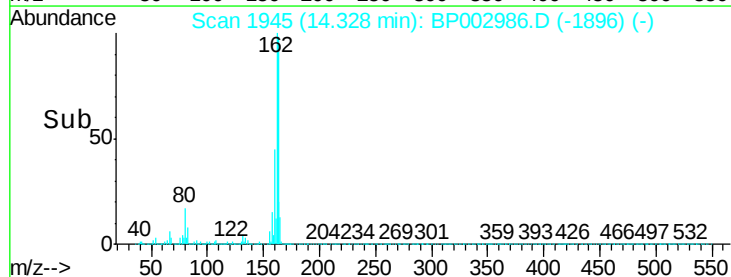
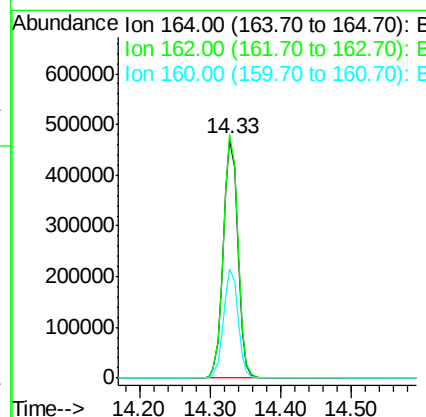
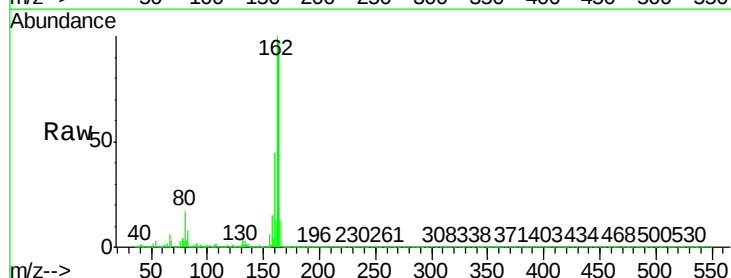
Instrument :
BNA_P
ClientSampleId :
TR-05-081120

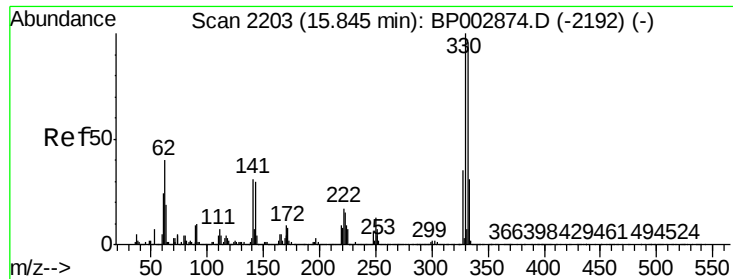
Tot Ion: 82 Resp: 1540699
Ion Ratio Lower Upper
82 100
128 55.3 44.6 66.8
54 36.5 29.2 43.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002986.D
Acq: 14 Aug 2020 15:55

Tgt Ion:164 Resp: 678131
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 45.5 36.2 54.4

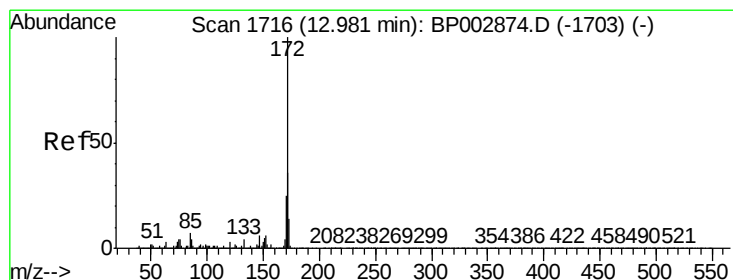
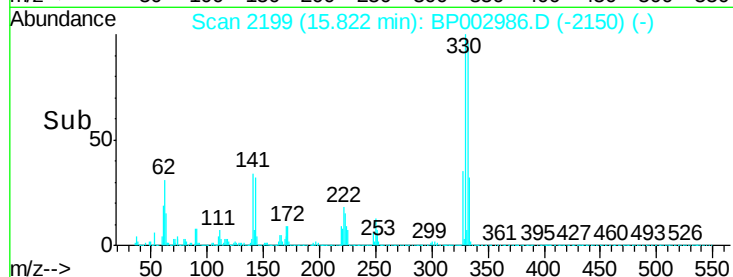
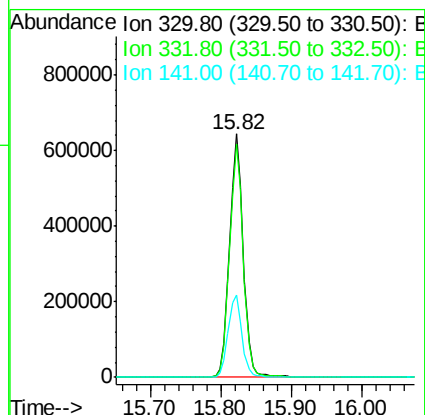
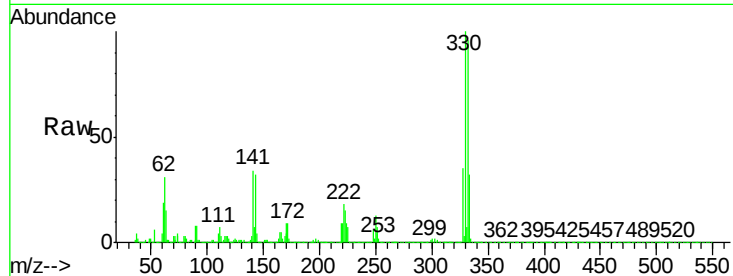




#42
 2,4,6-Tribromophenol
 Concen: 103.479 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002986.D
 Acq: 14 Aug 2020 15:55

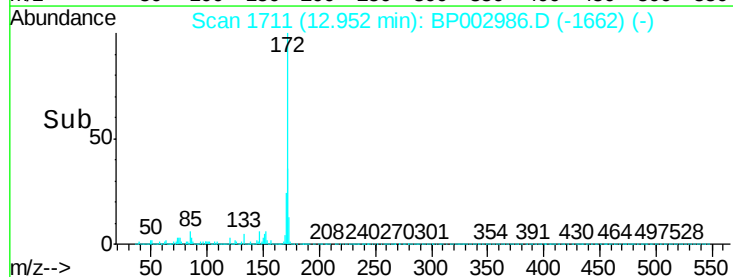
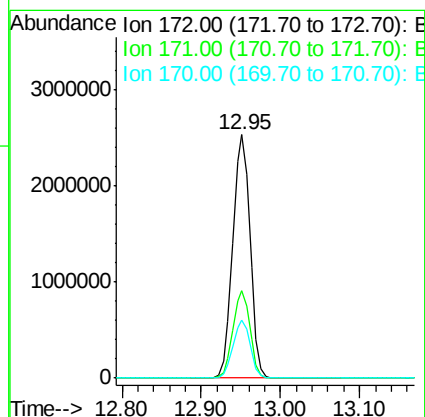
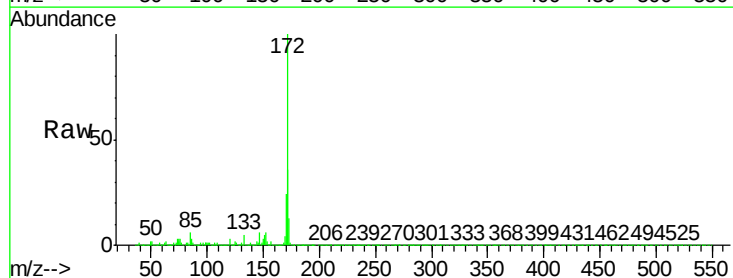
Instrument :
 BNA_P
 ClientSampleId :
 TR-05-081120

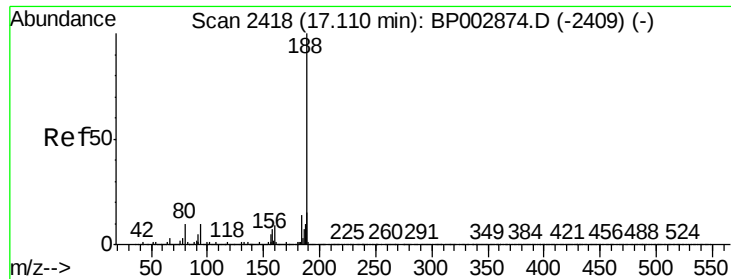
Tot Ion:330 Resp: 872164
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.4
 141 34.1 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 77.270 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002986.D
 Acq: 14 Aug 2020 15:55

Tgt Ion:172 Resp: 3835110
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

Instrument :

BNA_P

ClientSampleId :

TR-05-081120

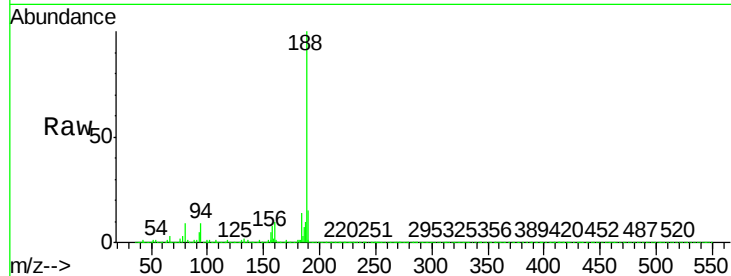
Tot Ion:188 Resp: 1327254

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

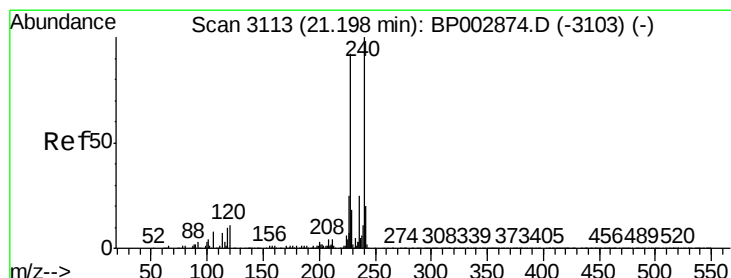
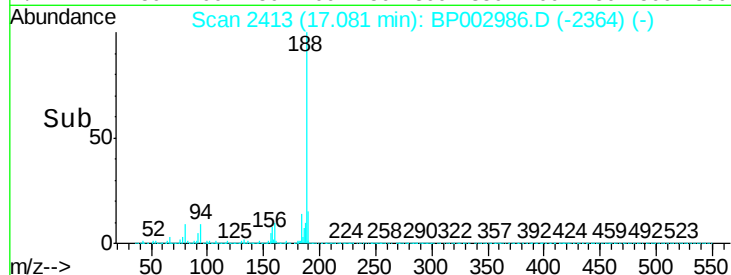
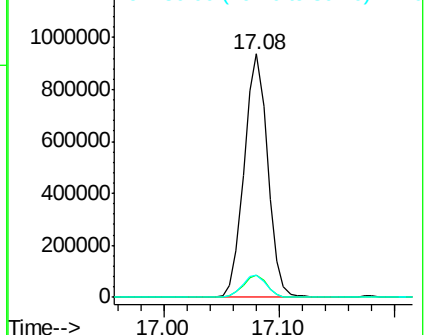
80 8.9 7.0 10.6



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: BP002986.D

Acq: 14 Aug 2020 15:55

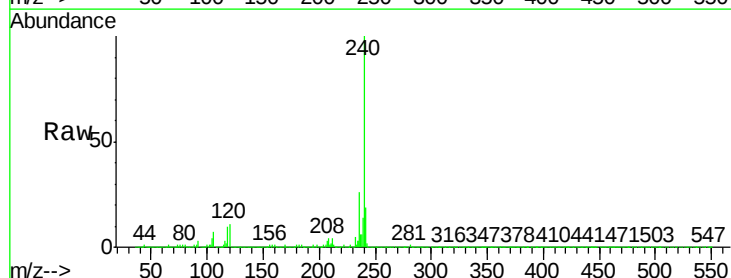
Tgt Ion:240 Resp: 1389995

Ion Ratio Lower Upper

240 100

120 11.4 10.6 16.0

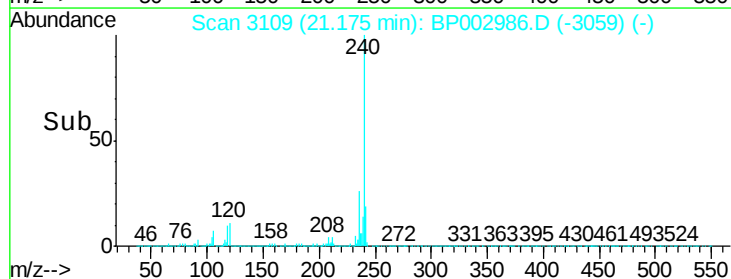
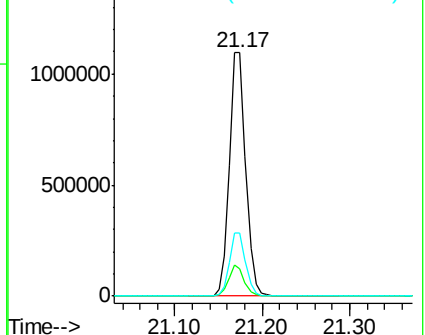
236 26.2 20.7 31.1

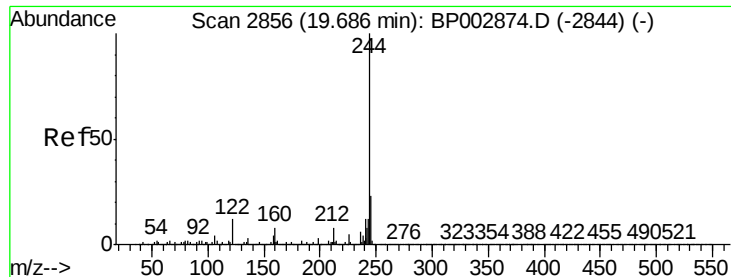


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.255 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002986.D

Acq: 14 Aug 2020 15:55

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BNA_P

ClientSampleId :

TR-05-081120

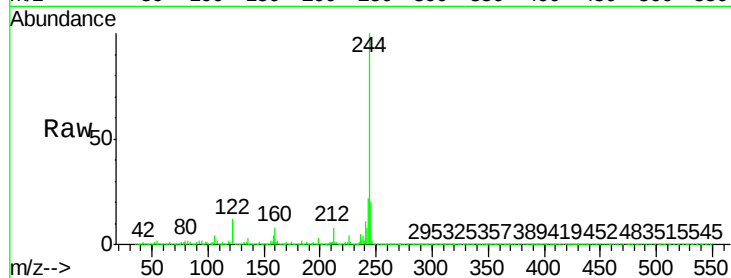
Tot Ion:244 Resp: 4530752

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

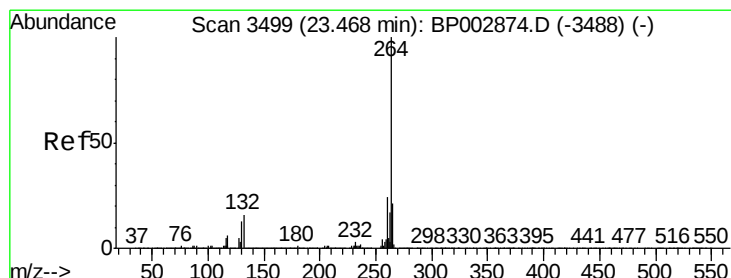
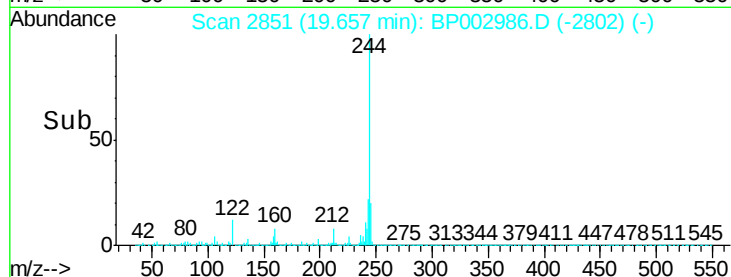
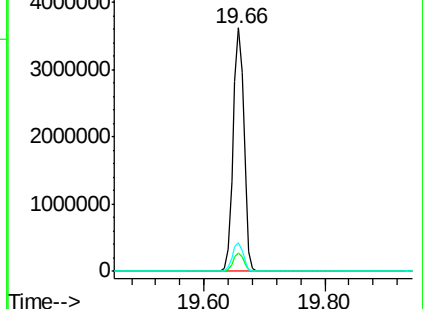
122 12.0 9.9 14.9



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: BP002986.D

Acq: 14 Aug 2020 15:55

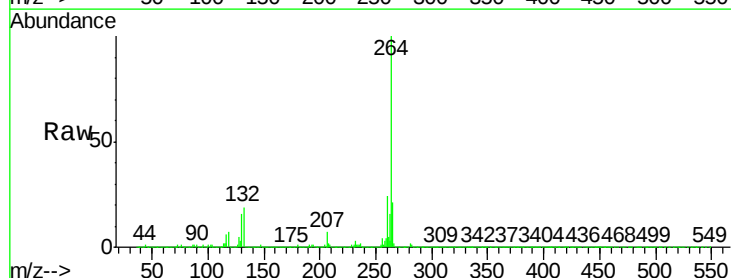
Tgt Ion:264 Resp: 1533727

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.5 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

