

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002960.D
 Acq On : 12 Aug 2020 21:19
 Operator : CG/JU
 Sample : L3648-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

Quant Time: Aug 13 01:18:35 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	7.70	152	167162	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	702536	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	427555	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	936201	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1298649	20.00	ng	0.00
86) Perylene-d12	23.43	264	1746127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	714675	65.43	ng	0.00
7) Phenol-d6	6.87	99	610775	40.28	ng	-0.01
23) Nitrobenzene-d5	8.84	82	934079	72.01	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	692387	130.29	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2764535	88.34	ng	0.00
79) Terphenyl-d14	19.66	244	4765548	73.46	ng	0.00

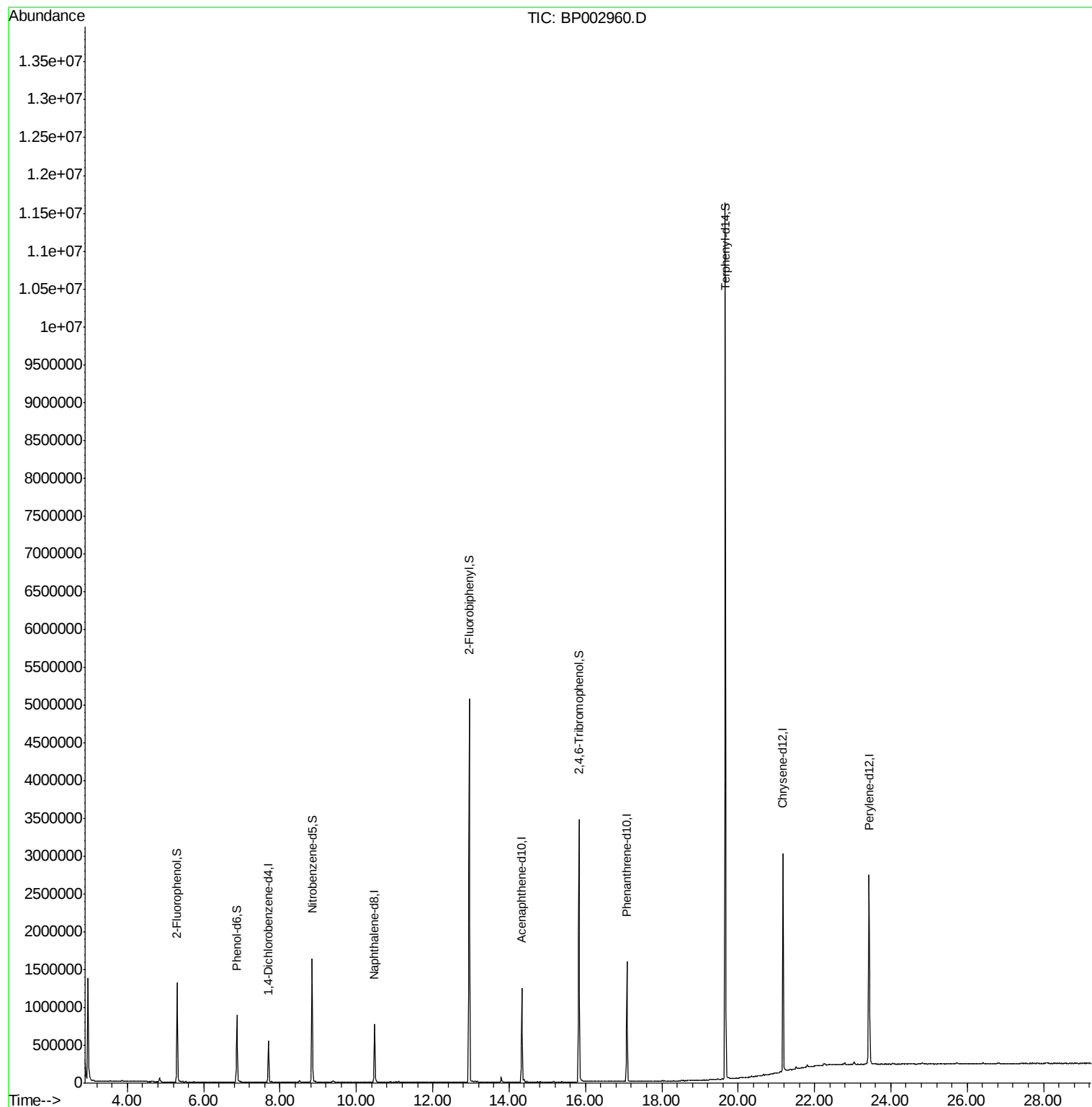
Target Compounds Qvalue

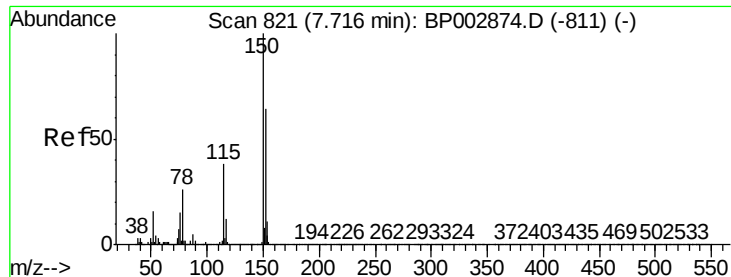
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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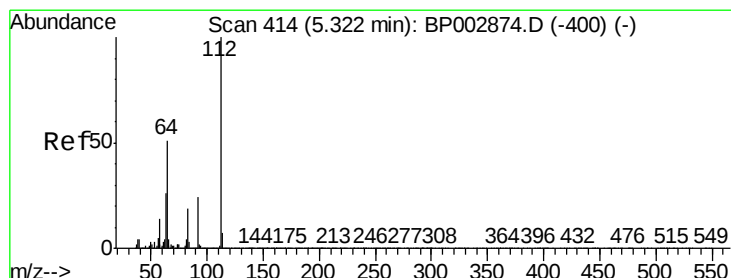
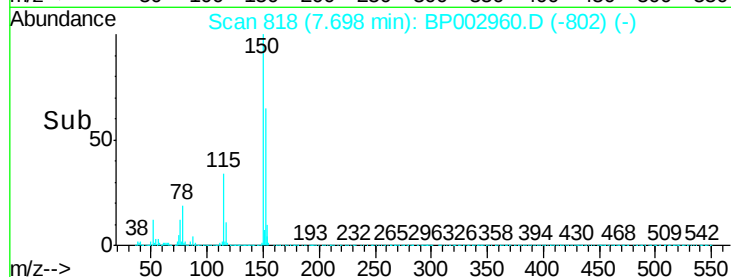
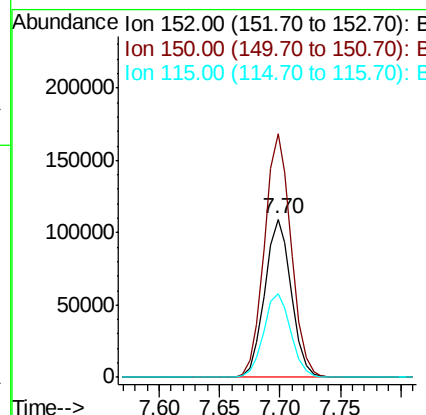
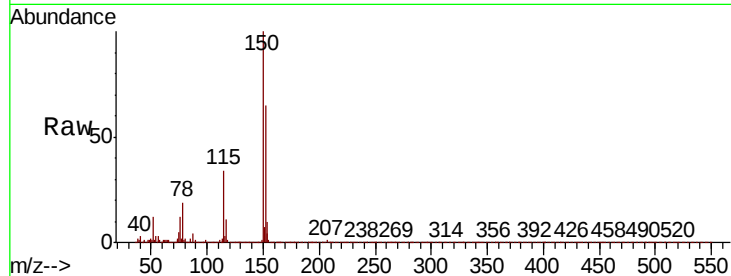




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BP002960.D
 Acq: 12 Aug 2020 21:19

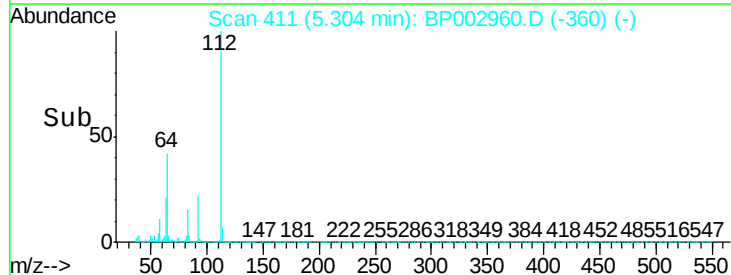
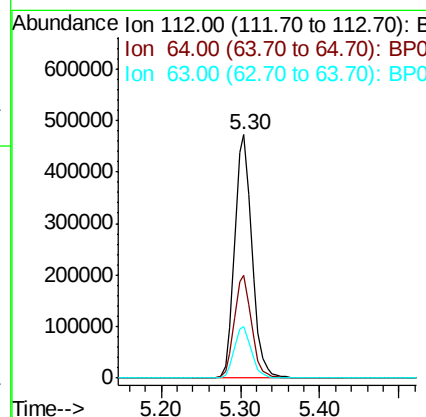
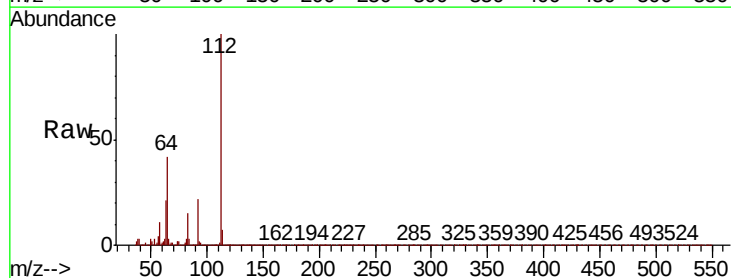
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

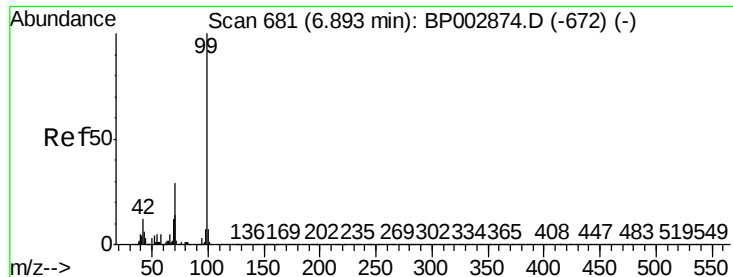
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.4
115	52.9	42.1	63.1



#5
 2-Fluorophenol
 Concen: 65.434 ng
 RT: 5.30 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BP002960.D
 Acq: 12 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.2	33.8	50.8
63	21.1	17.2	25.8





#7

Phenol-d6

Concen: 40.278 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002960.D

Acq: 12 Aug 2020 21:19

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

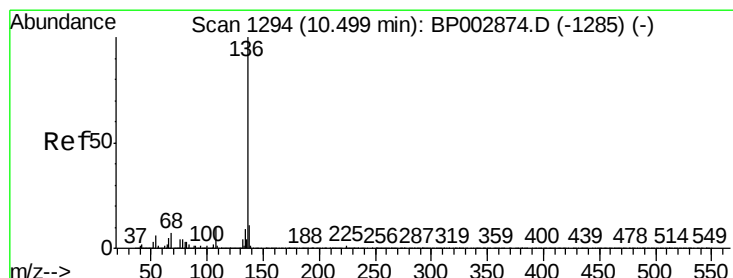
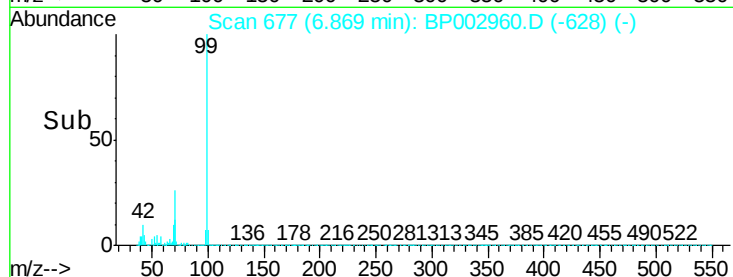
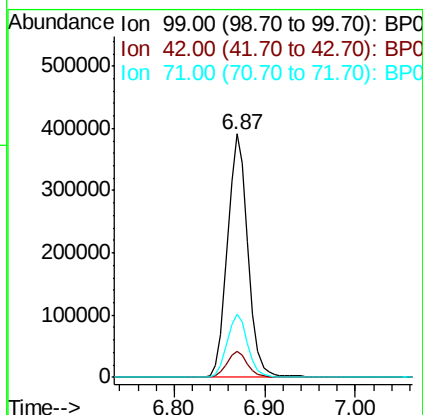
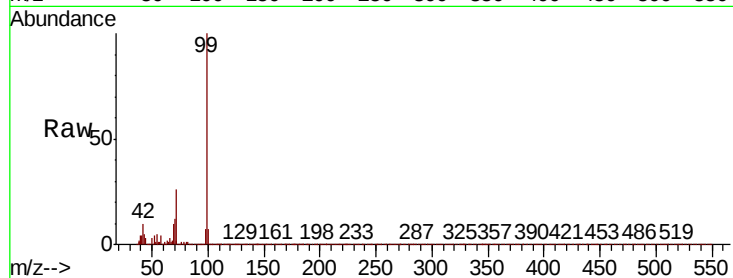
Tot Ion: 99 Resp: 610775

Ion Ratio Lower Upper

99 100

42 10.5 8.1 12.1

71 25.7 21.0 31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BP002960.D

Acq: 12 Aug 2020 21:19

Tgt Ion: 136 Resp: 702536

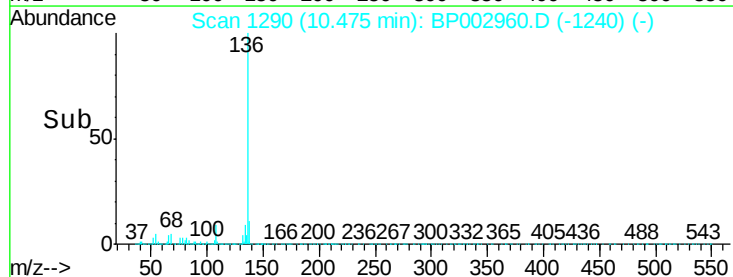
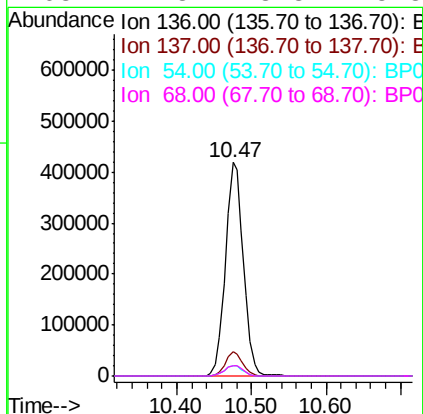
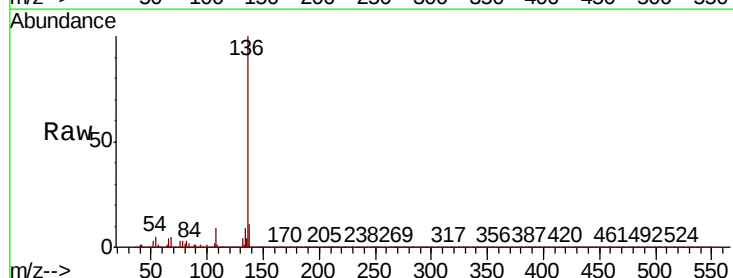
Ion Ratio Lower Upper

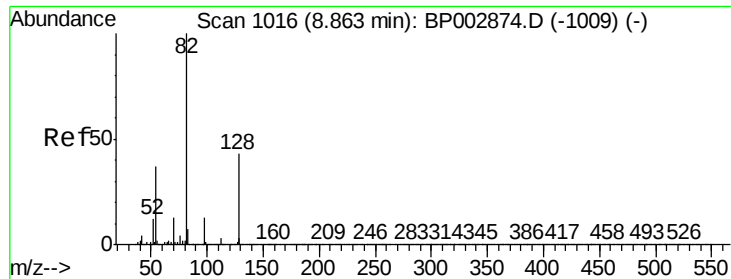
136 100

137 11.4 9.0 13.4

54 5.0 3.9 5.9

68 4.8 3.8 5.8

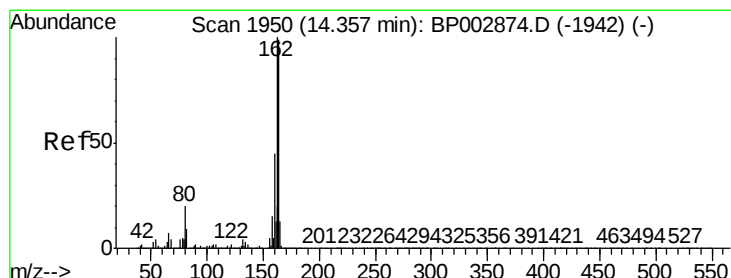
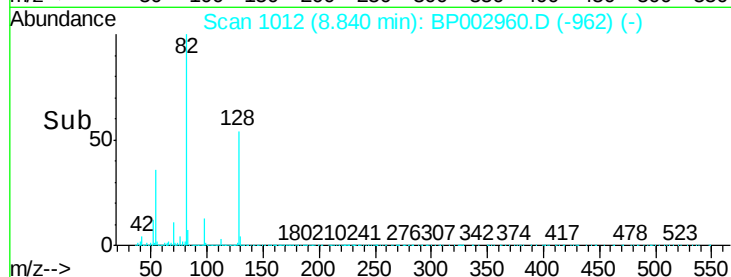
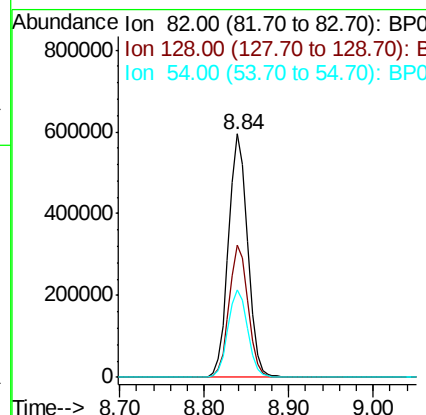
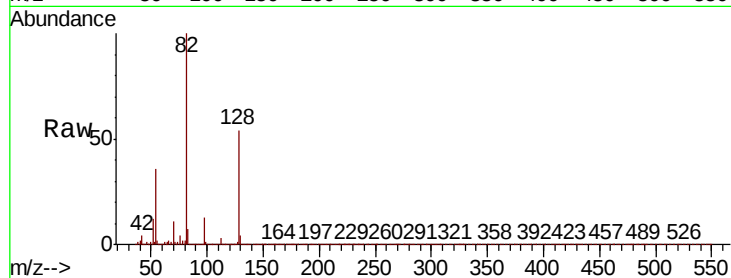




#23
Nitrobenzene-d5
Concen: 72.013 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

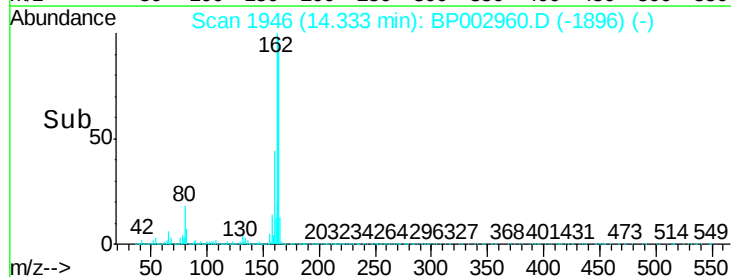
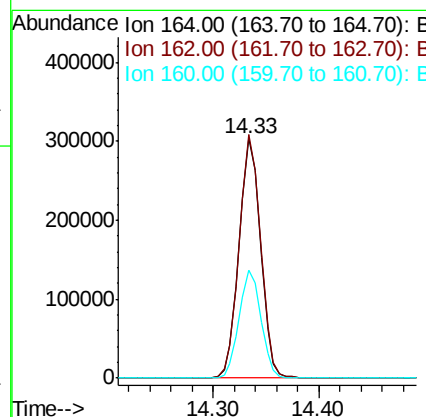
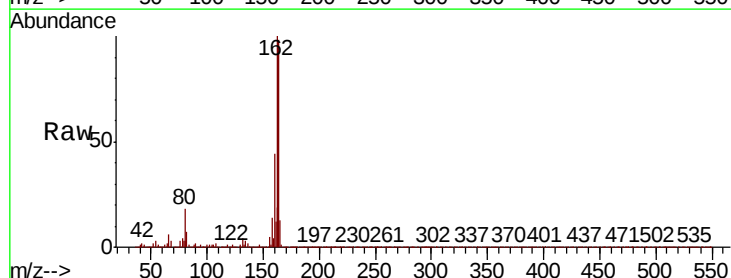
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

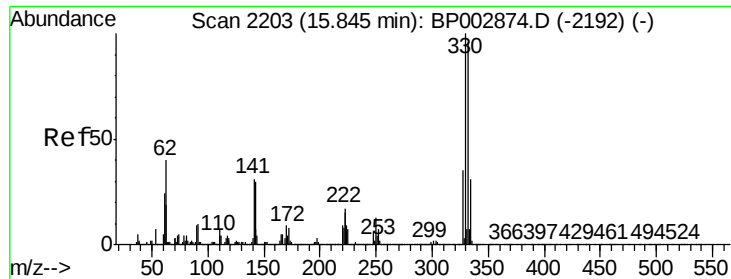
Tot Ion	82	Resp	934079
Ion Ratio	Lower	Upper	
82	100		
128	54.5	44.6	66.8
54	36.1	29.2	43.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002960.D
Acq: 12 Aug 2020 21:19

Tgt Ion	164	Resp	427555
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.0	121.4
160	45.1	36.2	54.4

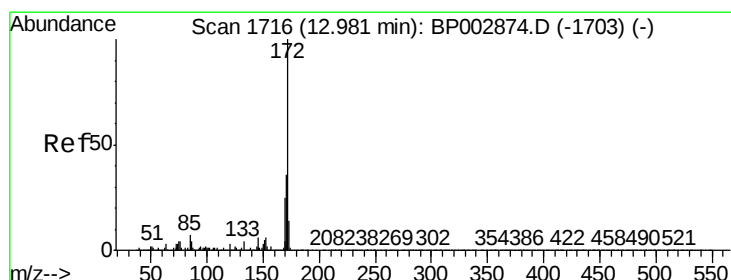
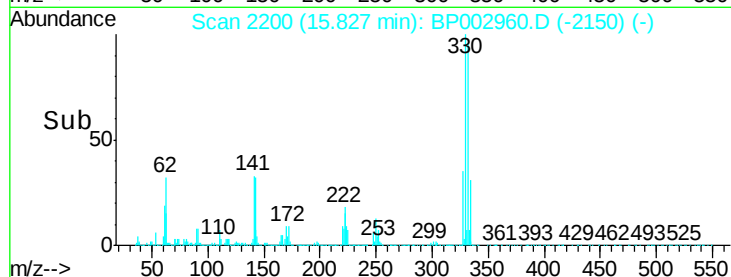
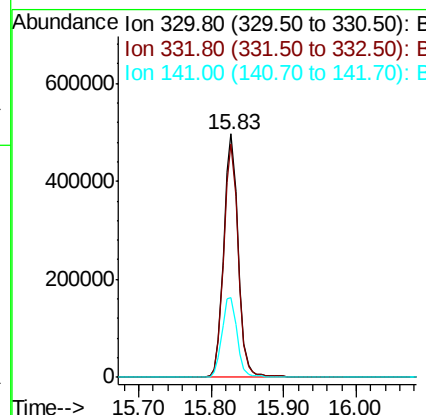
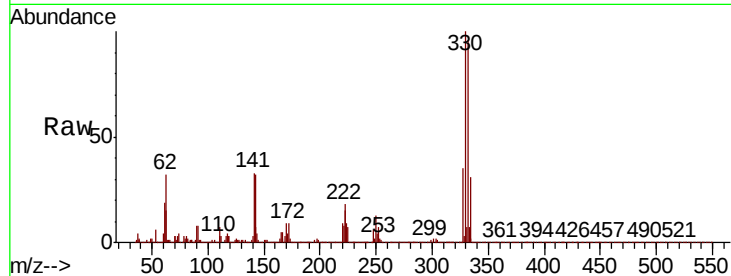




#42
 2,4,6-Tribromophenol
 Concen: 130.294 ng
 RT: 15.83 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BP002960.D
 Acq: 12 Aug 2020 21:19

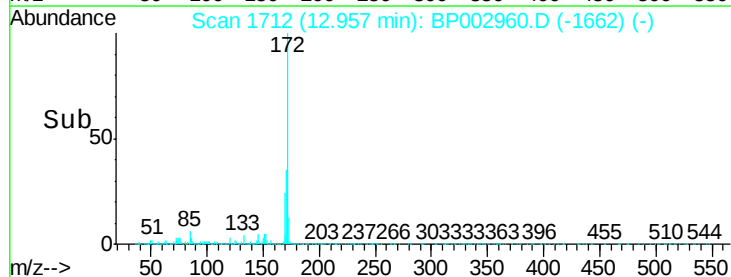
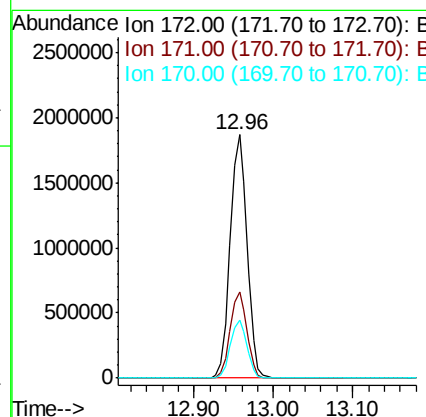
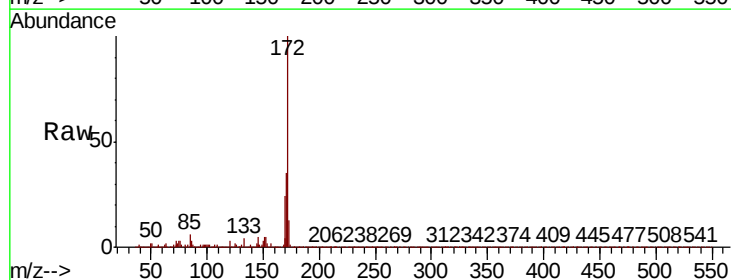
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

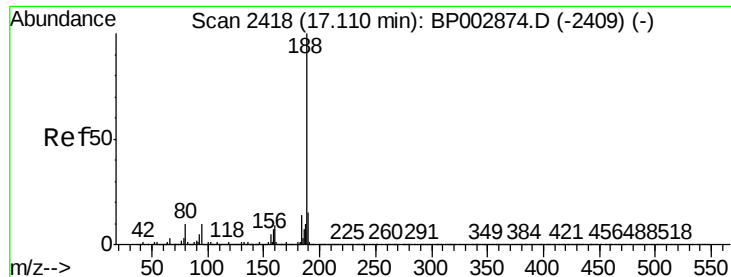
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	34.4	28.6	43.0



#45
 2-Fluorobiphenyl
 Concen: 88.344 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BP002960.D
 Acq: 12 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.6	19.6	29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002960.D

Acq: 12 Aug 2020 21:19

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

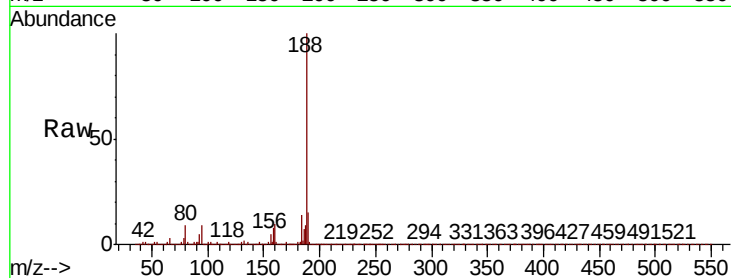
Tot Ion:188 Resp: 936201

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

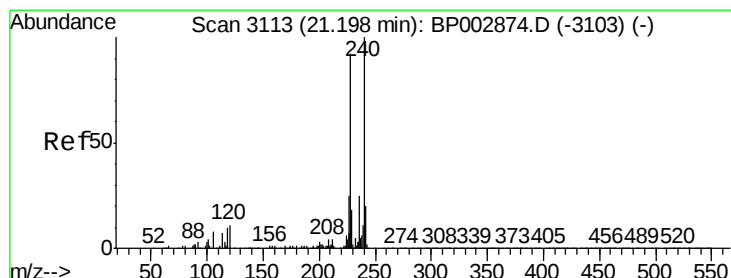
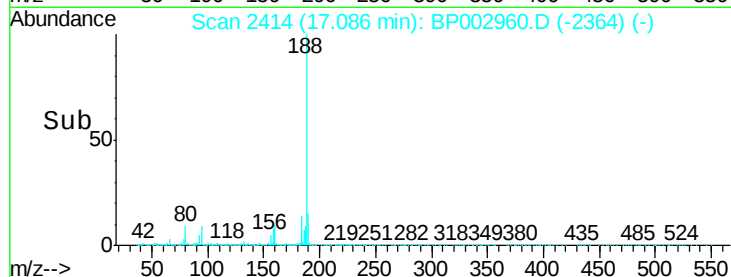
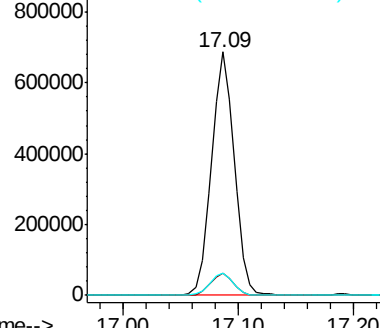
80 9.0 7.0 10.6



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: BP002960.D

Acq: 12 Aug 2020 21:19

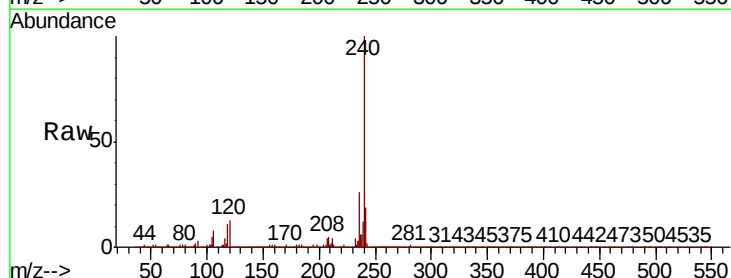
Tgt Ion:240 Resp: 1298649

Ion Ratio Lower Upper

240 100

120 12.5 10.6 16.0

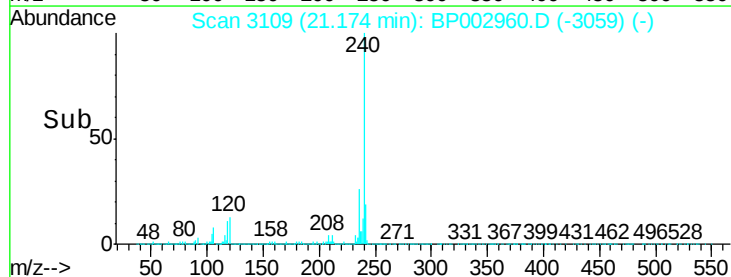
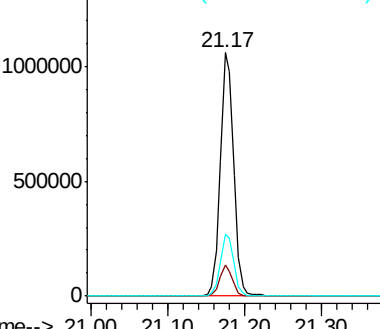
236 25.7 20.7 31.1

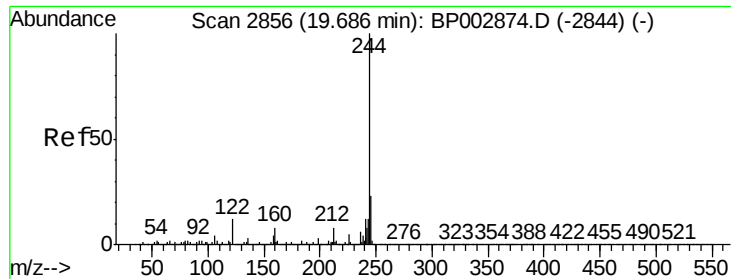


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.464 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002960.D

Acq: 12 Aug 2020 21:19

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

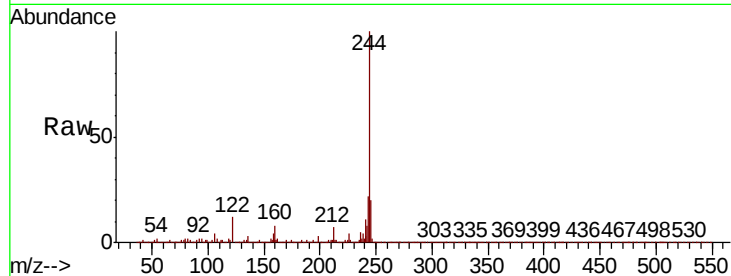
Tot Ion:244 Resp: 4765548

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

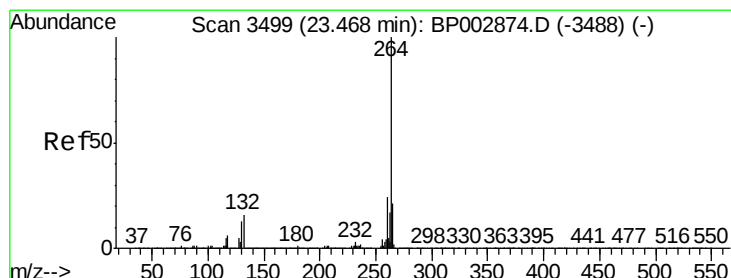
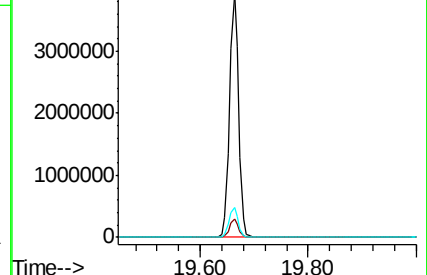
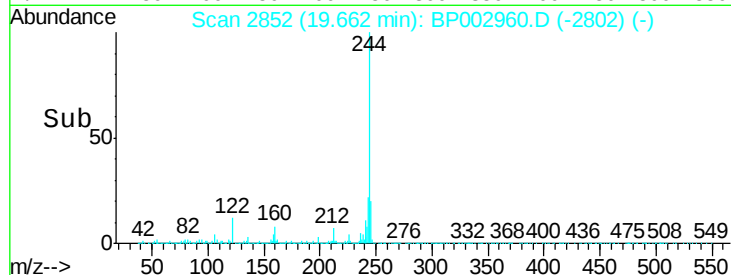
122 12.5 9.9 14.9



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: 23.43 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BP002960.D

Acq: 12 Aug 2020 21:19

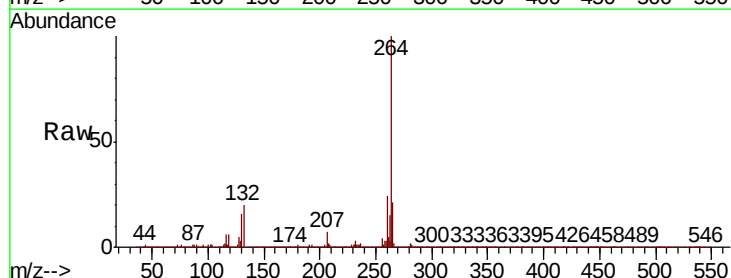
Tgt Ion:264 Resp: 1746127

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.3 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

