

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003072.D
 Acq On : 20 Aug 2020 19:04
 Operator : CG/JU
 Sample : L3507-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-081820

Quant Time: Aug 21 02:30:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	154321	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	601870	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	362703	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	753825	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1070952	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1289893	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1026278	101.78	ng	0.00
7) Phenol-d6	6.86	99	1138218	81.31	ng	-0.01
23) Nitrobenzene-d5	8.82	82	745099	67.05	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	617079	136.89	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	2074676	78.15	ng	-0.01
79) Terphenyl-d14	19.65	244	3098895	57.93	ng	-0.01

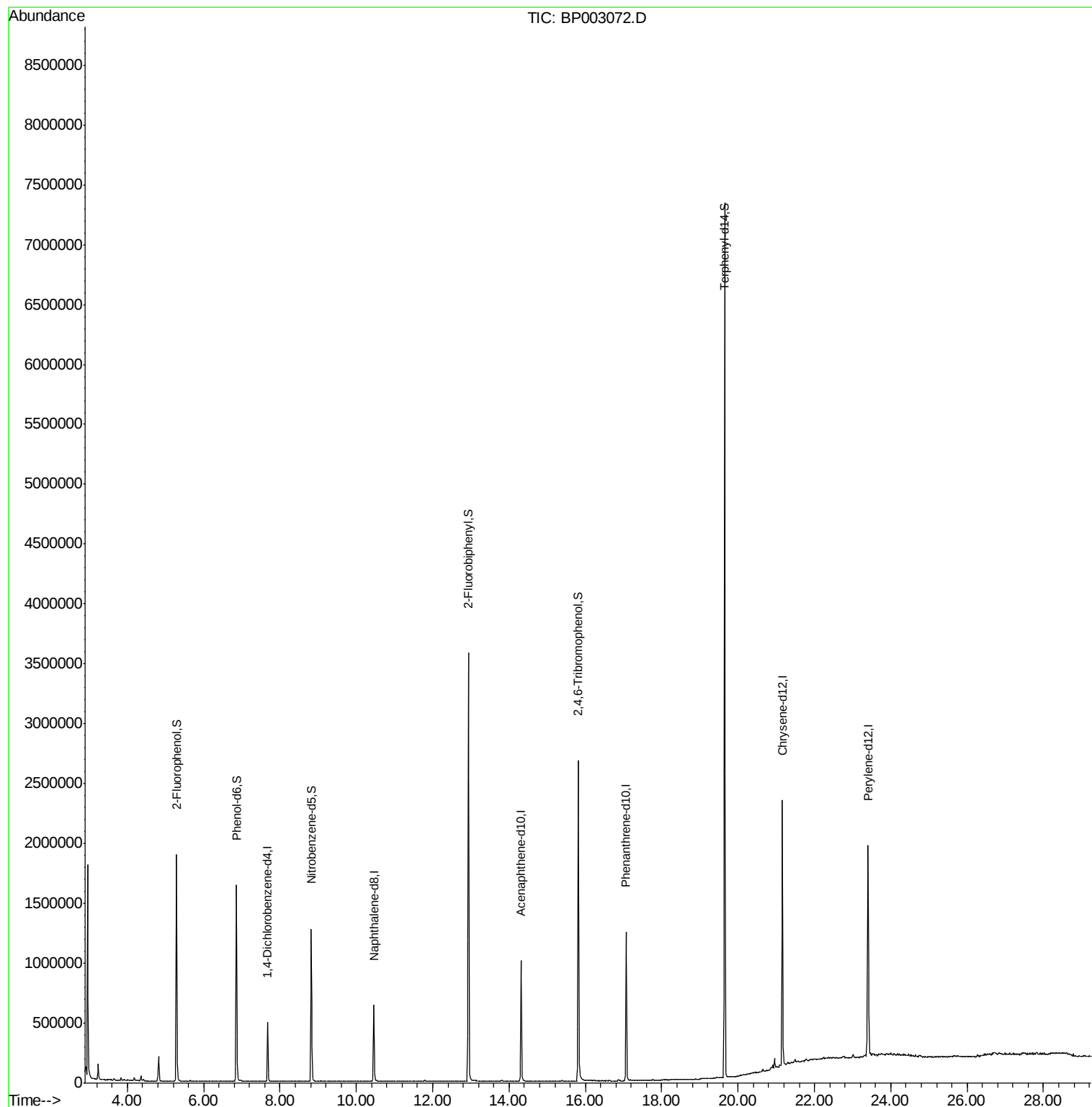
Target Compounds Qvalue

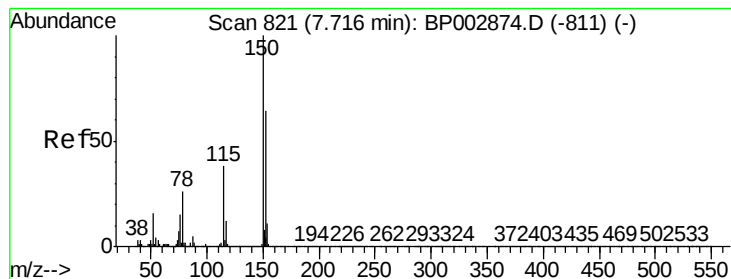
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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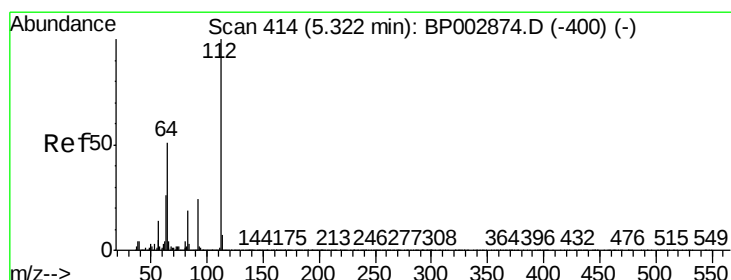
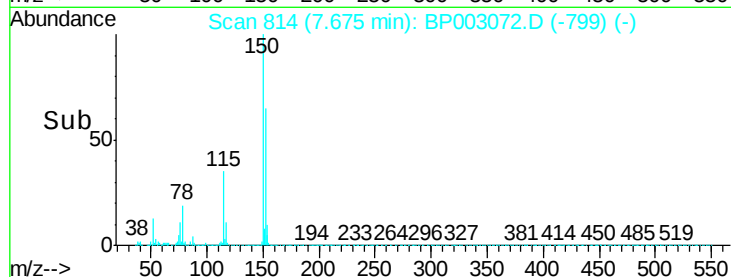
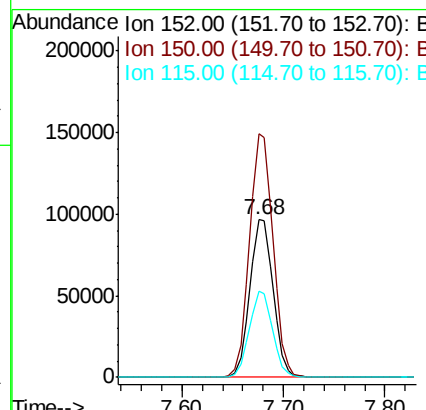
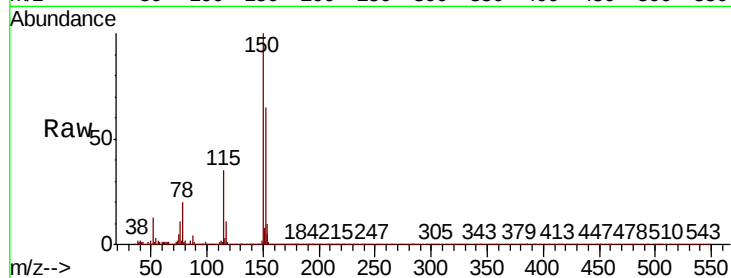


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 814
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Instrument :
BNA_P
ClientSampleId :
SU-02-081820

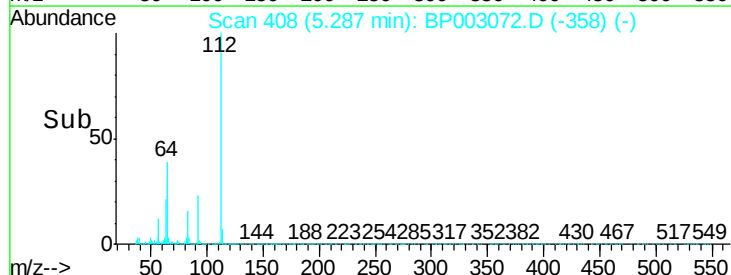
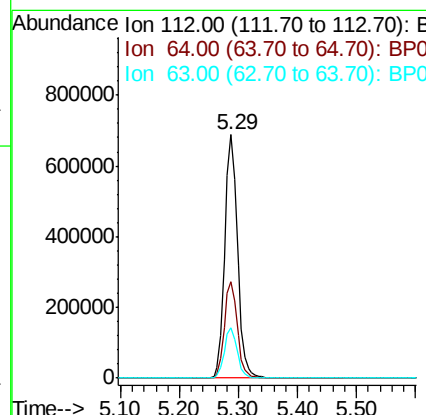
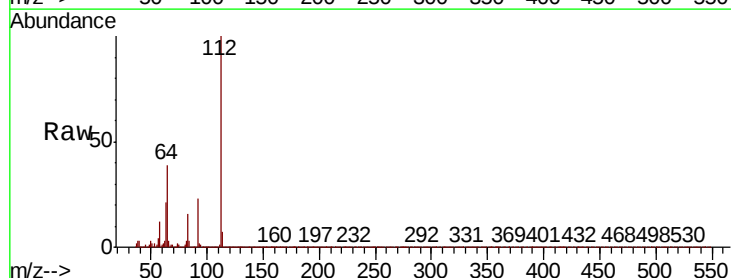
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.1	189.1
115	54.8	43.4	65.2

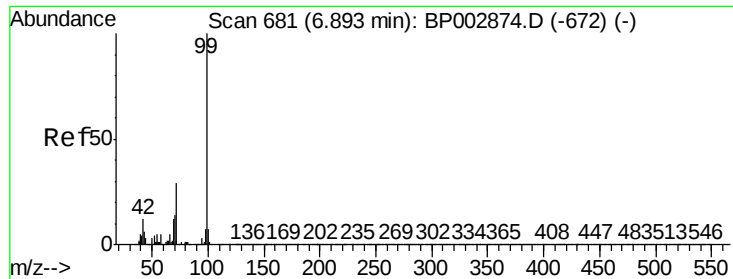


#5

2-Fluorophenol
Concen: 101.782 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.4	33.4	50.2
63	20.8	17.4	26.0





#7

Phenol-d6

Concen: 81.307 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

Instrument :

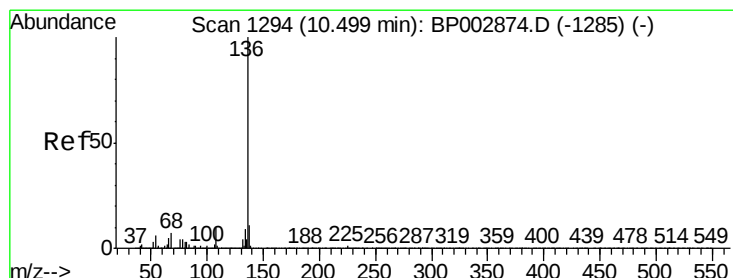
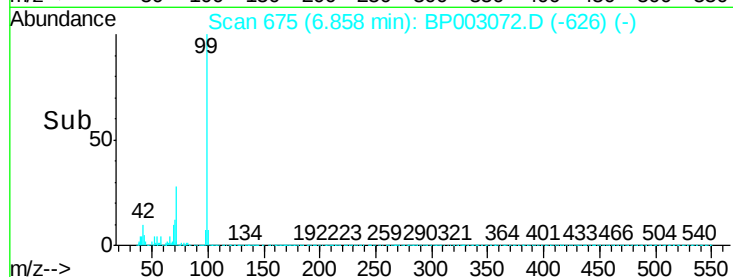
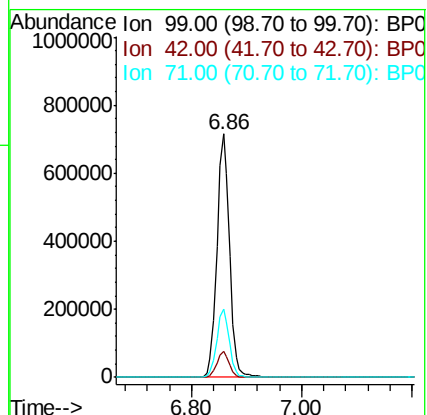
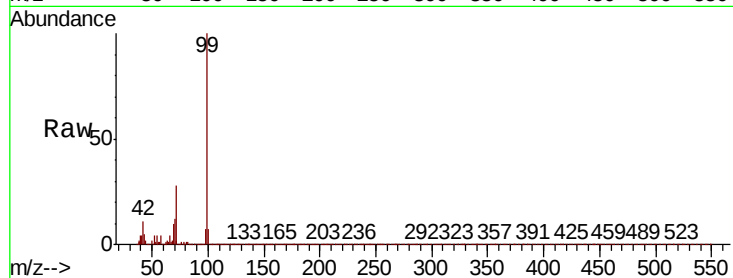
BNA_P

ClientSampleId :

SU-02-081820

Tot Ion: 99 Resp: 1138218

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.0	12.0
71	28.1	21.3	31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

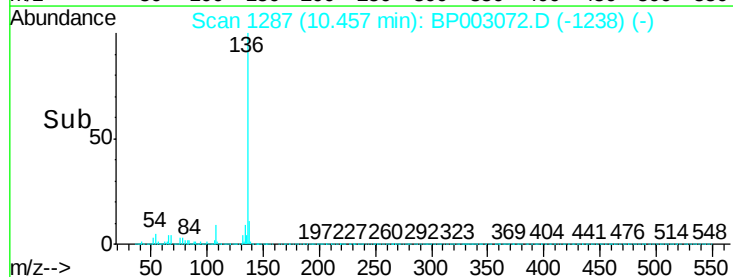
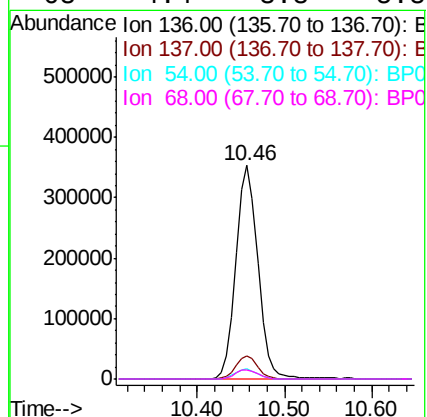
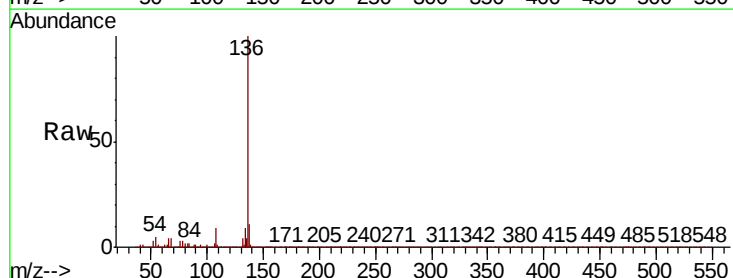
Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

Tgt Ion: 136 Resp: 601870

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.5	3.8	5.8
68	4.4	3.8	5.8

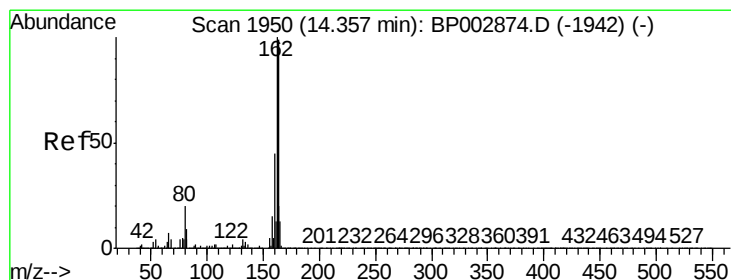
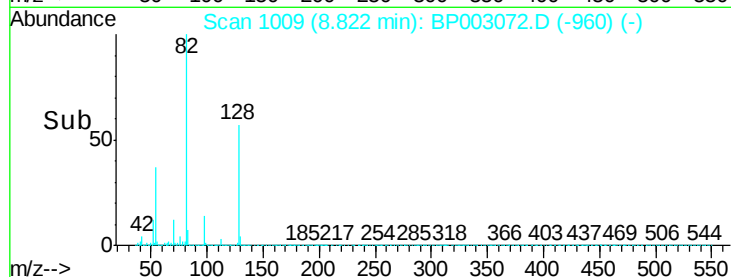
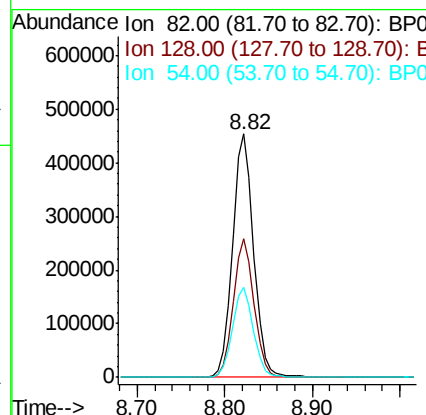
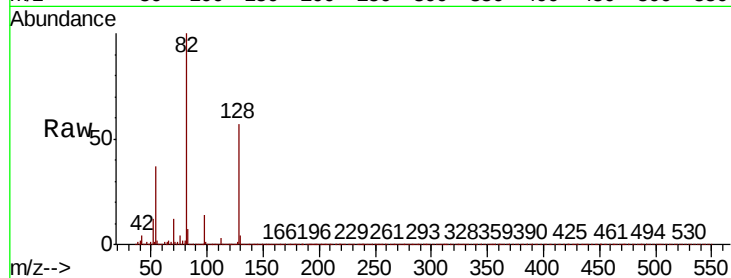




#23
Nitrobenzene-d5
Concen: 67.052 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

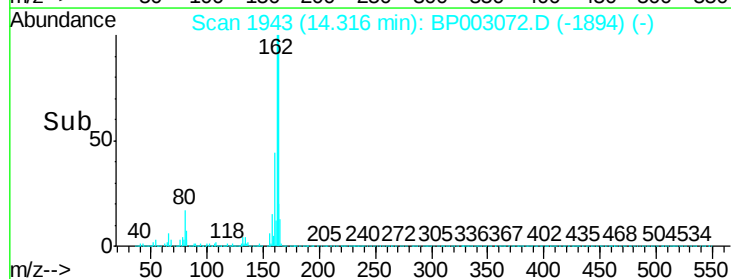
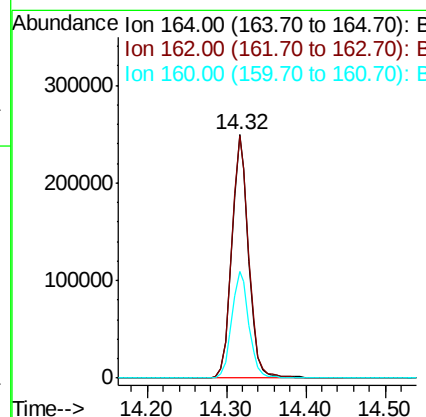
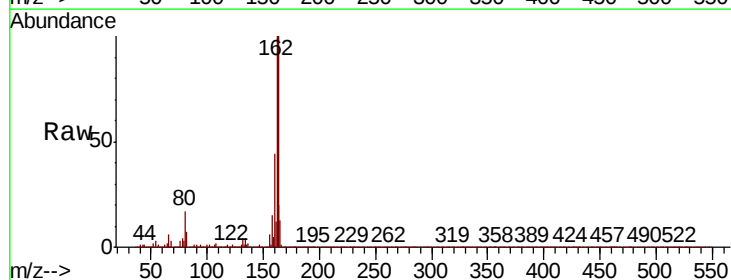
Instrument :
BNA_P
ClientSampleId :
SU-02-081820

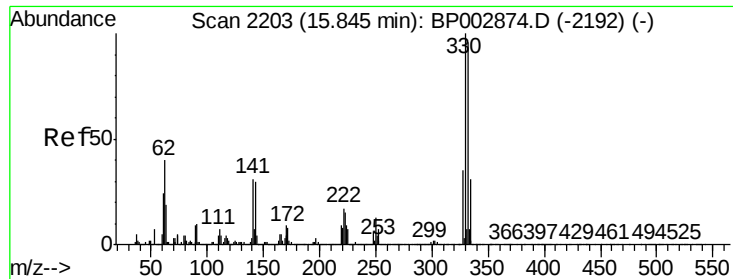
Tot Ion	Ratio	Lower	Upper
82	100		
128	56.7	45.1	67.7
54	36.9	28.8	43.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003072.D
Acq: 20 Aug 2020 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.0
160	43.9	35.5	53.3

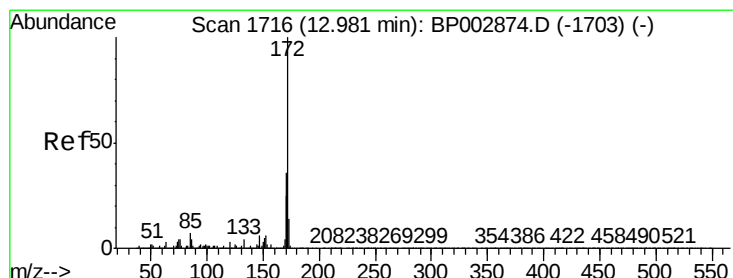
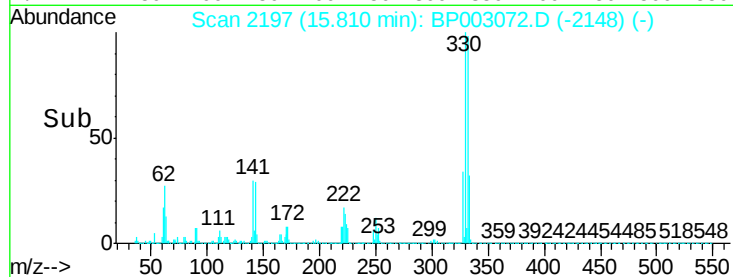
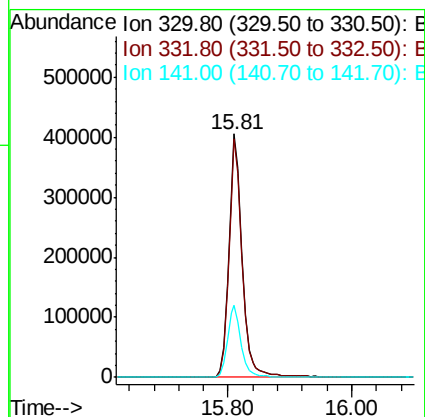
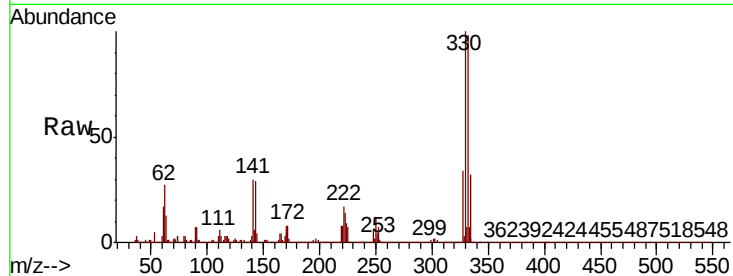




#42
 2,4,6-Tribromophenol
 Concen: 136.886 ng
 RT: 15.81 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BP003072.D
 Acq: 20 Aug 2020 19:04

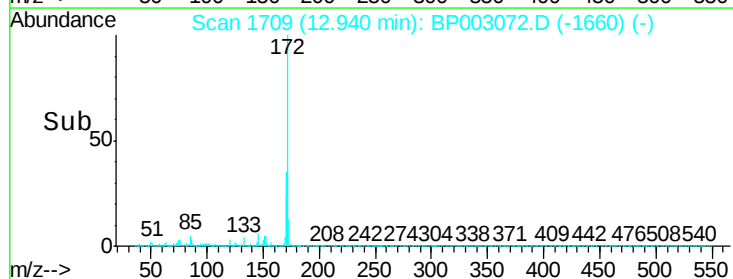
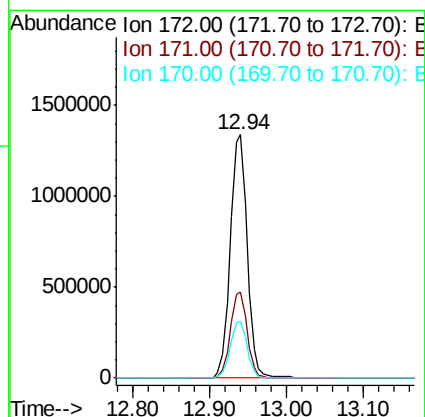
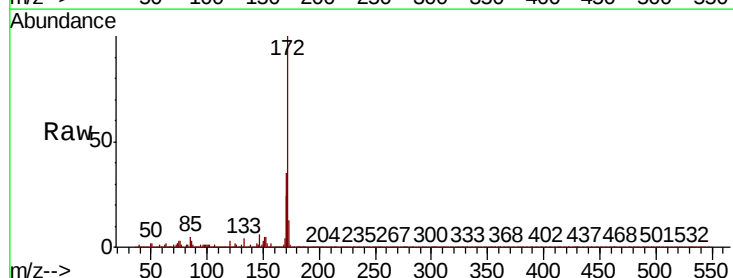
Instrument :
 BNA_P
 ClientSampleId :
 SU-02-081820

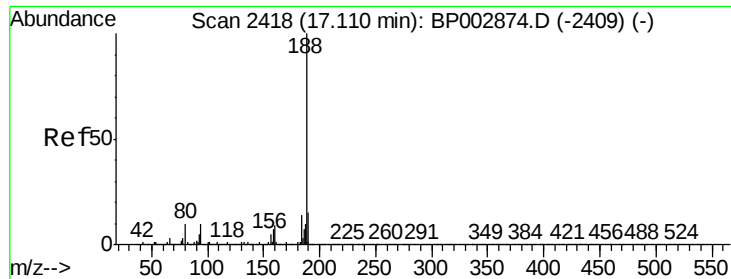
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	30.5	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 78.153 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003072.D
 Acq: 20 Aug 2020 19:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.5	19.1	28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

Instrument :

BNA_P

ClientSampleId :

SU-02-081820

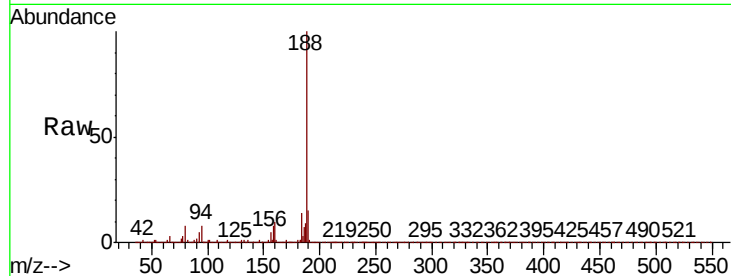
Tot Ion:188 Resp: 753825

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

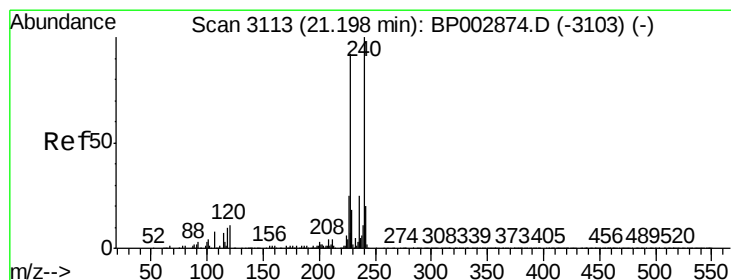
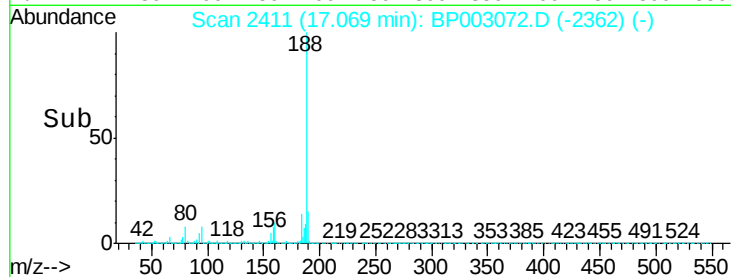
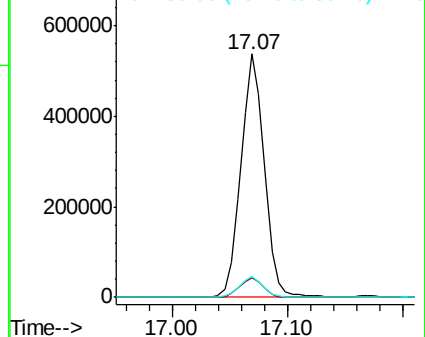
80 8.4 6.7 10.1



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: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

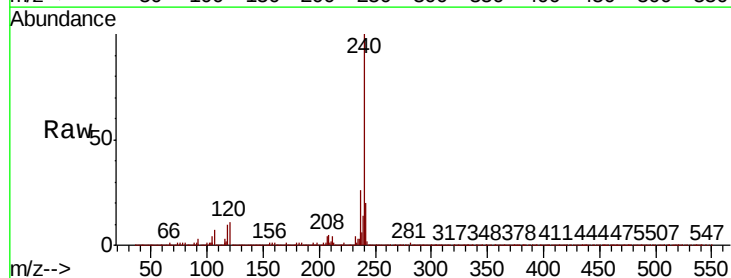
Tgt Ion:240 Resp: 1070952

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

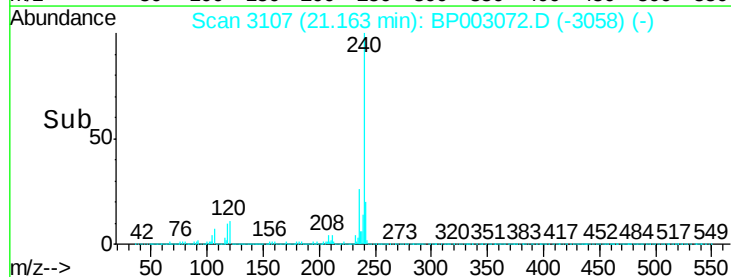
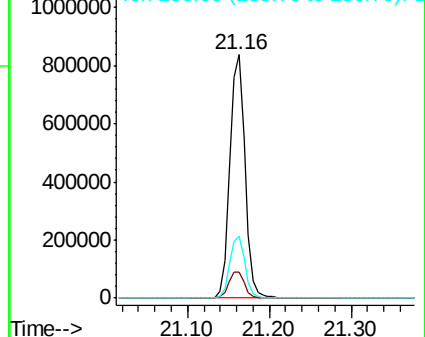
236 25.6 20.8 31.2

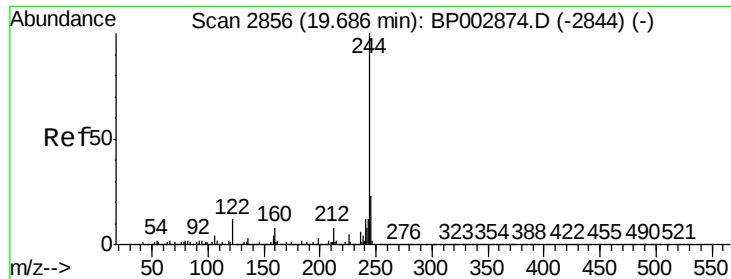


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.928 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

Instrument :

BNA_P

ClientSampleId :

SU-02-081820

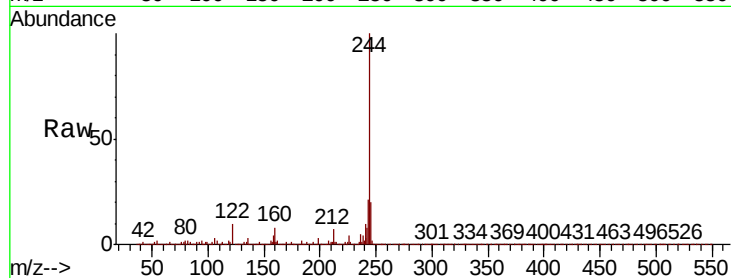
Tot Ion:244 Resp: 3098895

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

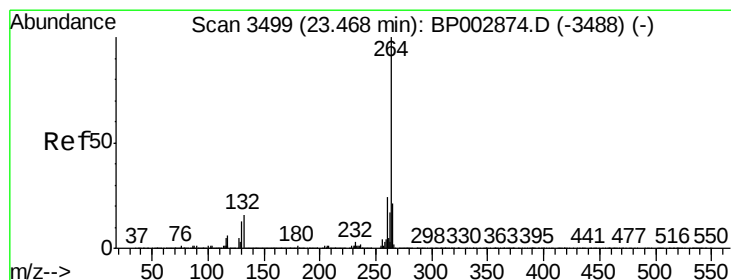
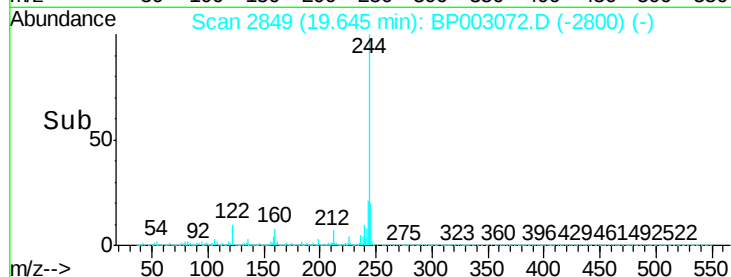
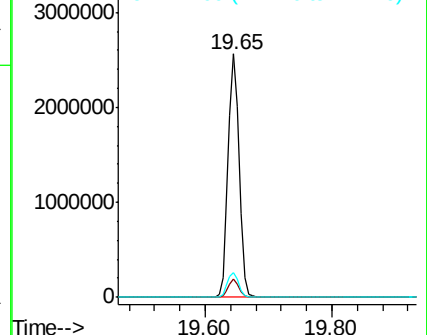
122 10.1 8.7 13.1



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: 23.40 min Scan# 3488

Delta R.T. -0.02 min

Lab File: BP003072.D

Acq: 20 Aug 2020 19:04

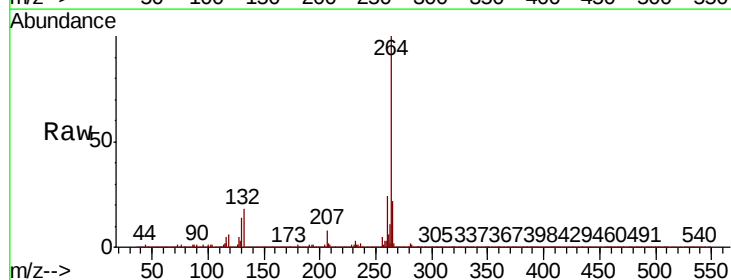
Tgt Ion:264 Resp: 1289893

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 17.3 25.9



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

