

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002937.D
 Acq On : 07 Aug 2020 18:01
 Operator : CG/JU
 Sample : L3594-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Aug 07 18:49:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	147813	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	550010	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	325838	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	745246	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	978945	20.00	ng	-0.01
86) Perylene-d12	23.45	264	1235402	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	988718	102.37	ng	-0.01
7) Phenol-d6	6.88	99	1079420	80.50	ng	-0.01
23) Nitrobenzene-d5	8.85	82	766582	75.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	545733	134.76	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	1972081	82.69	ng	-0.01
79) Terphenyl-d14	19.67	244	3628738	74.21	ng	-0.02

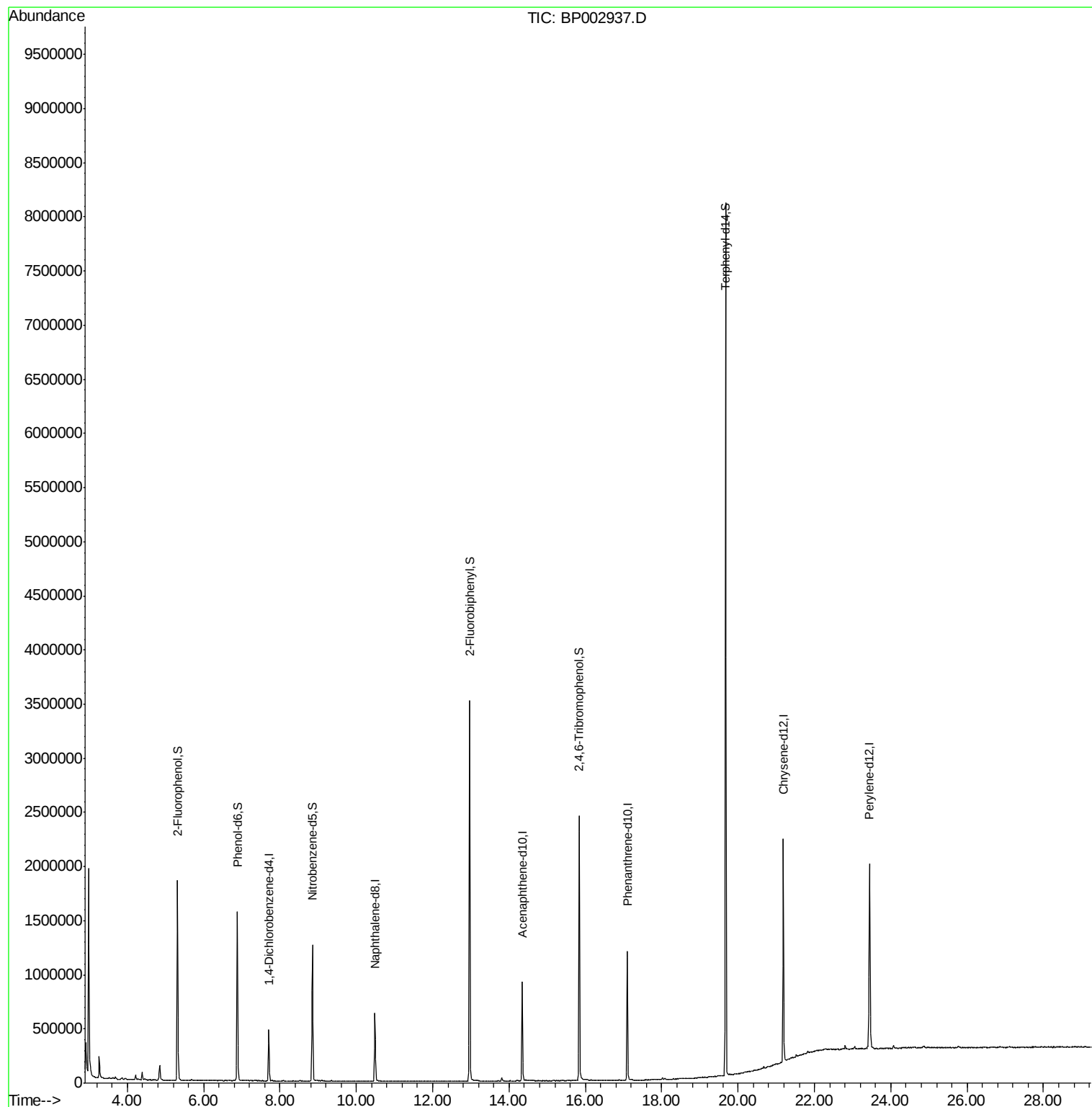
Target Compounds Qvalue

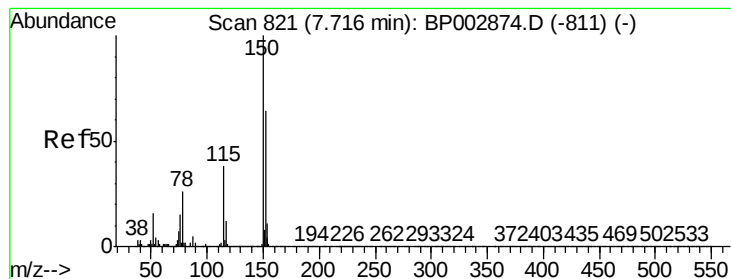
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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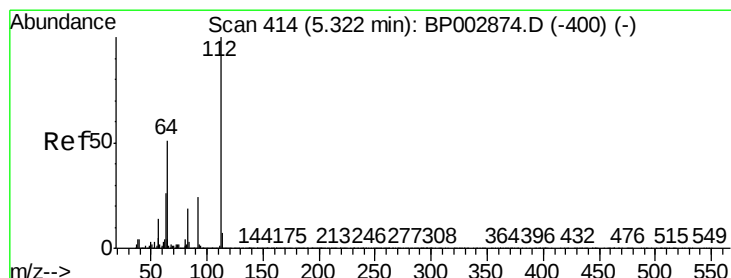
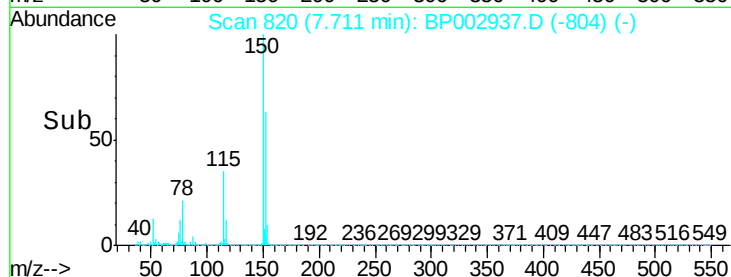
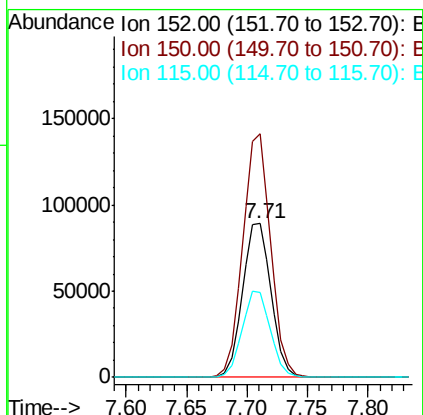
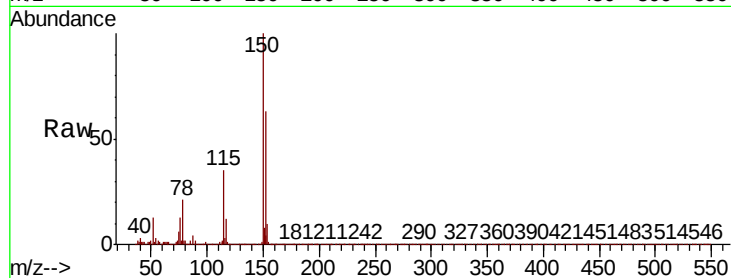


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Instrument :
BNA_P
ClientSampleId :
TP-2

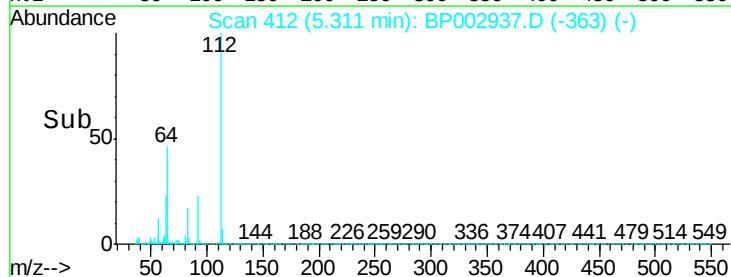
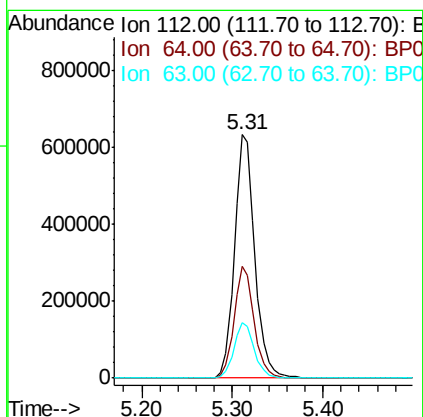
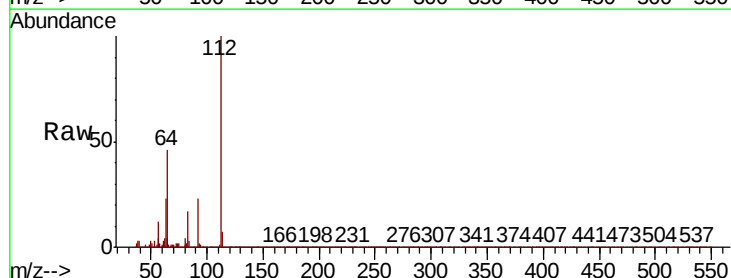
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.8	187.2
115	55.1	47.4	71.2

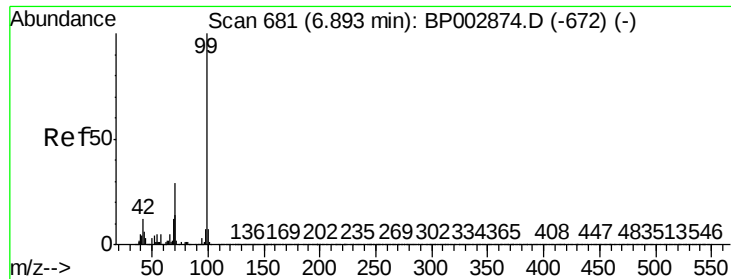


#5

2-Fluorophenol
Concen: 102.375 ng
RT: 5.31 min Scan# 412
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.1	41.0	61.6
63	23.0	20.7	31.1





#7

Phenol-d6

Concen: 80.502 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Instrument :

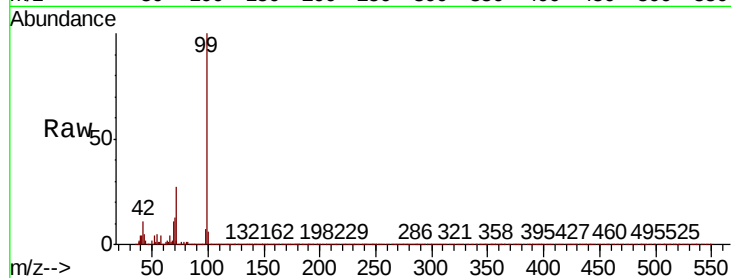
BNA_P

ClientSampled :

TP-2

Tot Ion: 99 Resp: 1079420

Ion	Ratio	Lower	Upper
99	100		
42	10.5	9.3	13.9
71	27.1	23.5	35.3



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

6.88

800000

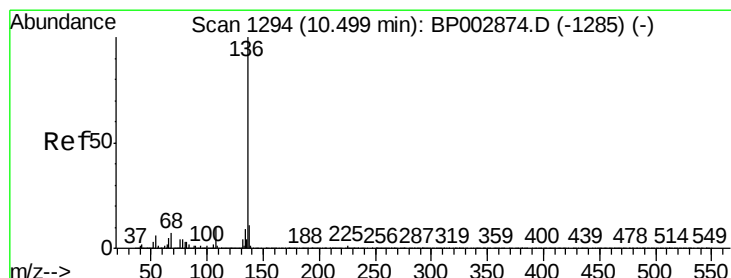
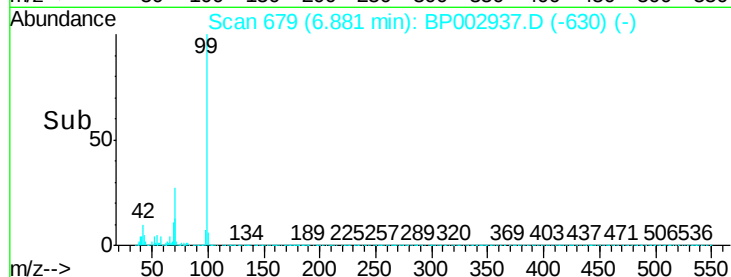
600000

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1292

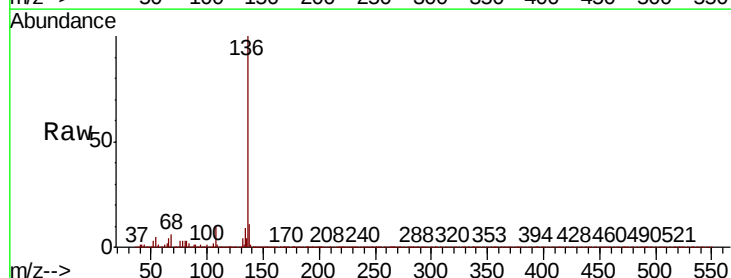
Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Tgt Ion: 136 Resp: 550010

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.3	5.1	7.7
68	5.7	5.3	7.9



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

10.49

500000

400000

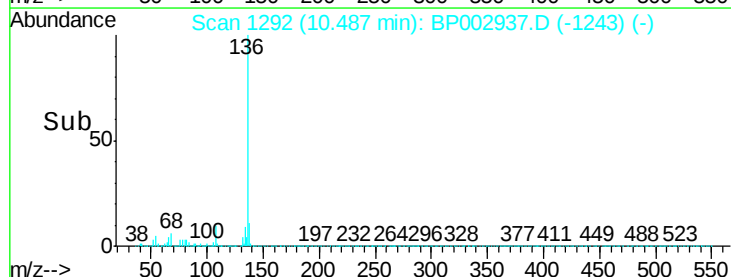
300000

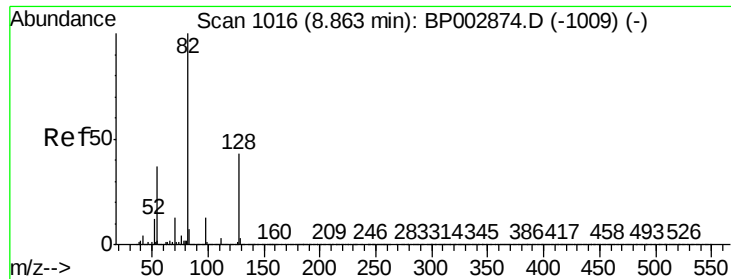
200000

100000

0

Time-->

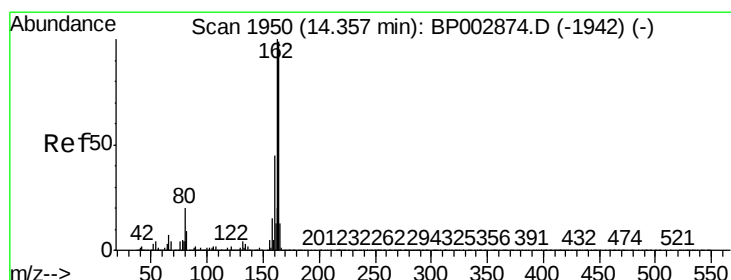
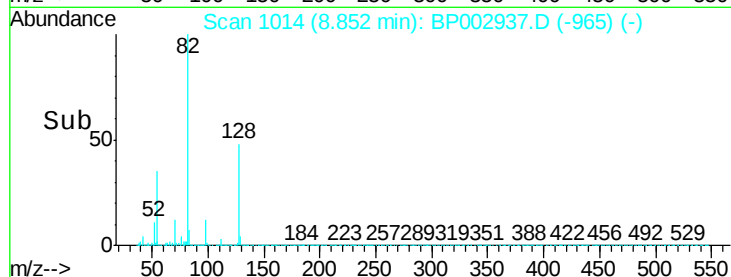
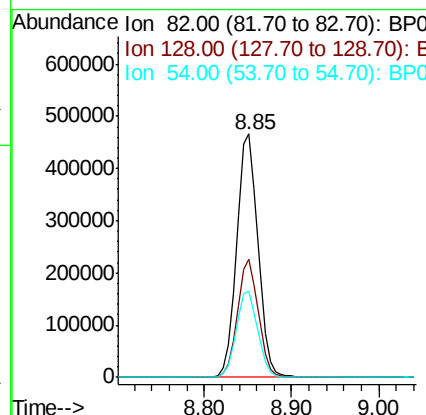
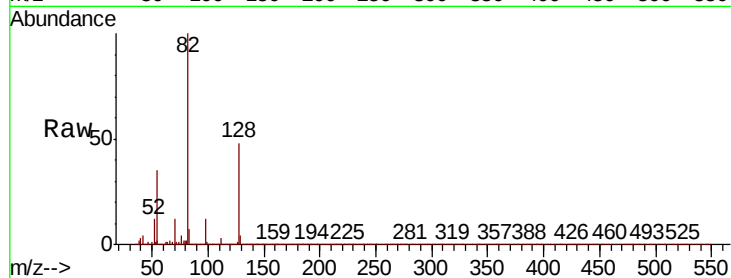




#23
Nitrobenzene-d5
Concen: 75.489 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

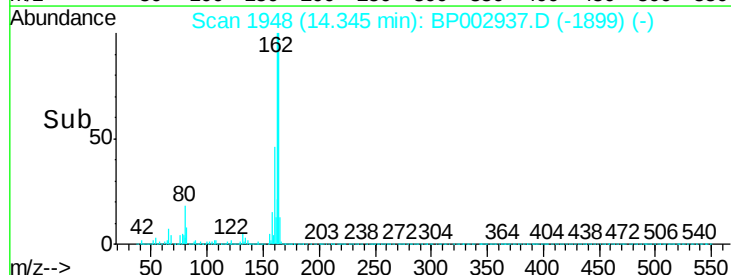
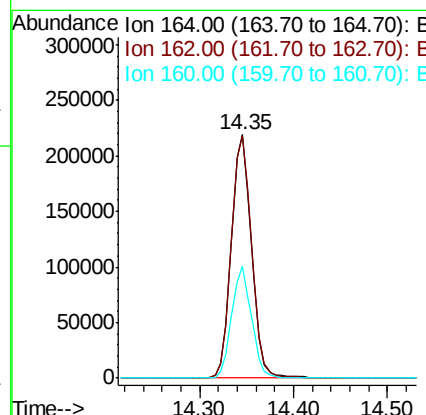
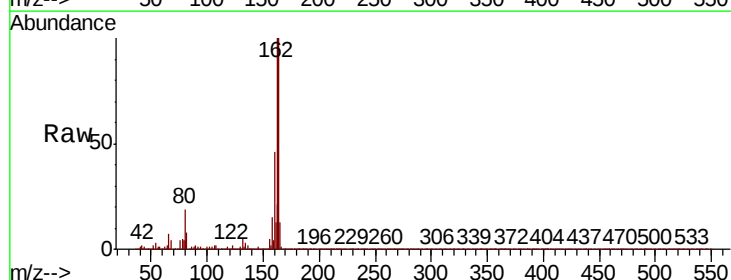
Instrument :
BNA_P
ClientSampleId :
TP-2

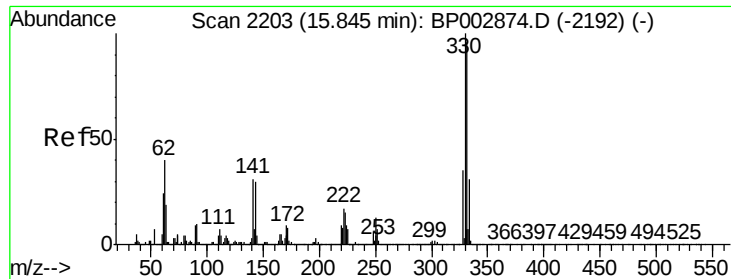
Tot Ion	82	Resp	766582
Ion Ratio	Lower	Upper	
82	100		
128	48.4	34.6	52.0
54	35.3	29.5	44.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Tgt Ion	164	Resp	325838
Ion Ratio	Lower	Upper	
164	100		
162	99.8	81.0	121.6
160	45.7	36.2	54.4

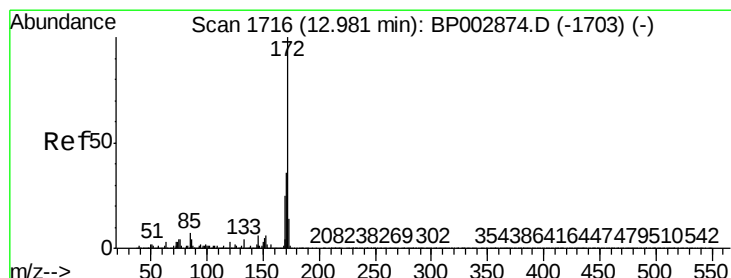
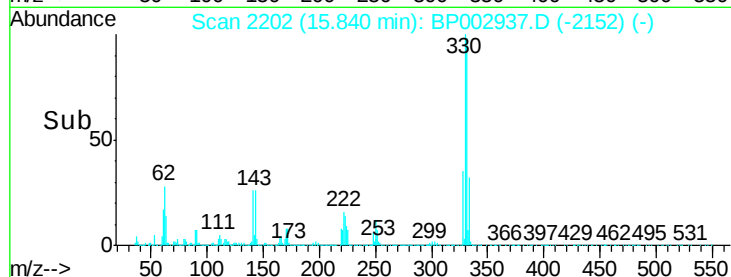
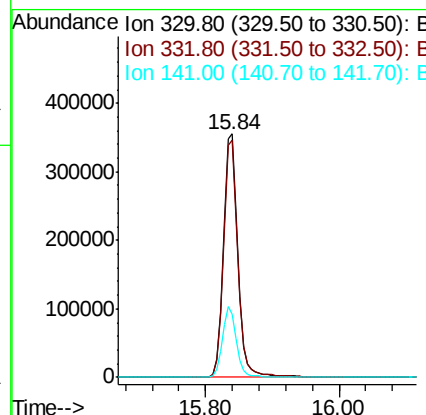
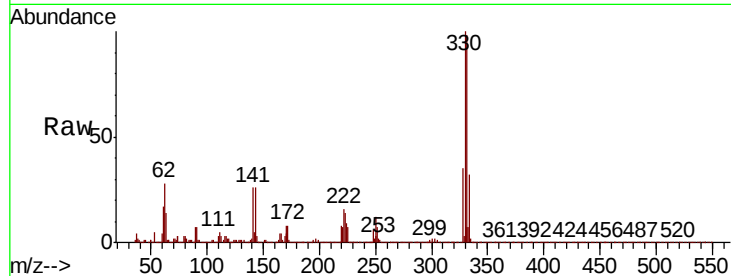




#42
2,4,6-Tribromophenol
Concen: 134.756 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

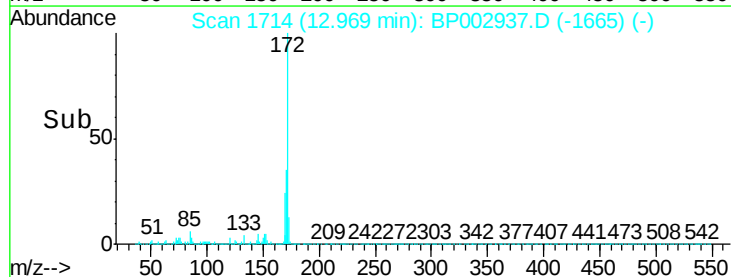
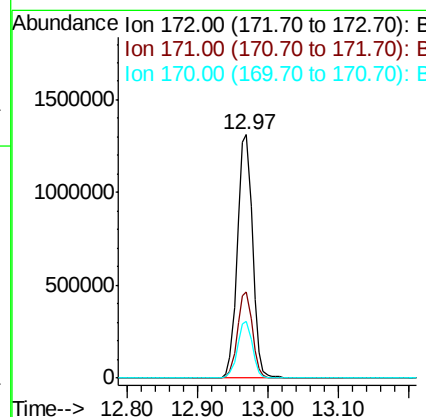
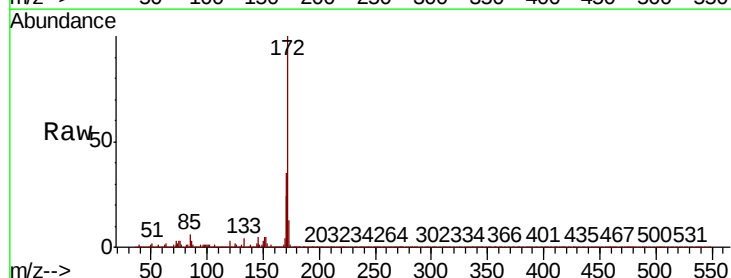
Instrument :
BNA_P
ClientSampleId :
TP-2

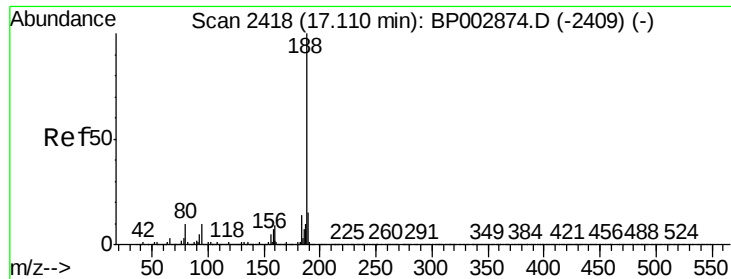
Tot Ion:330 Resp: 545733
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 28.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 82.693 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002937.D
Acq: 07 Aug 2020 18:01

Tgt Ion:172 Resp: 1972081
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 23.5 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Instrument :

BNA_P

ClientSampleId :

TP-2

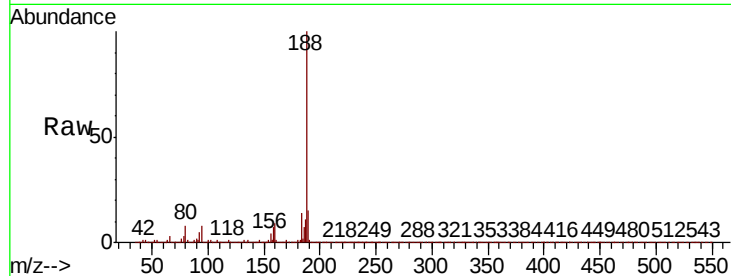
Tot Ion:188 Resp: 745246

Ion Ratio Lower Upper

188 100

94 7.9 7.8 11.6

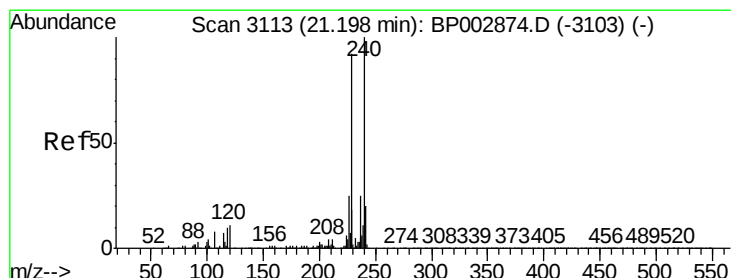
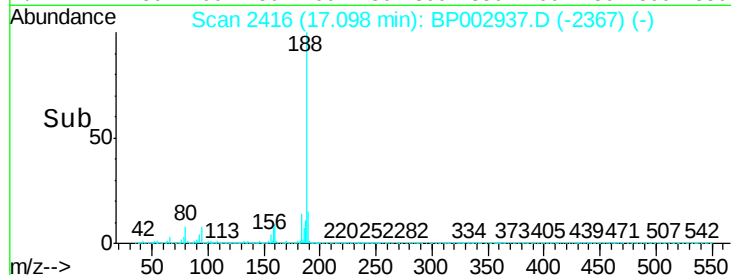
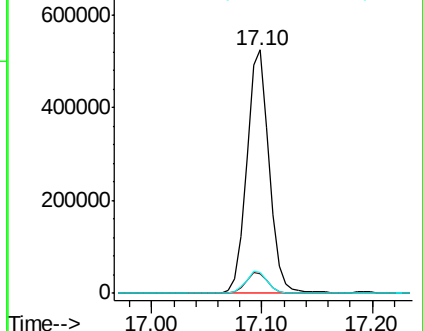
80 8.5 8.0 12.0



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: 21.19 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

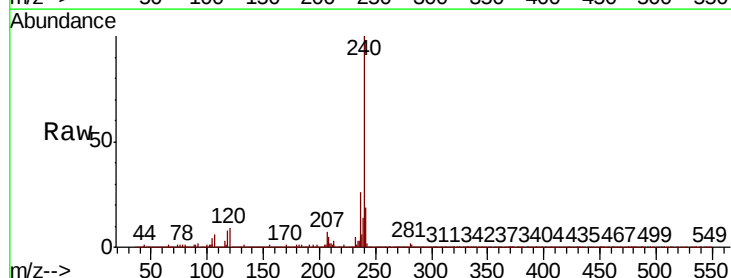
Tgt Ion:240 Resp: 978945

Ion Ratio Lower Upper

240 100

120 9.3 8.9 13.3

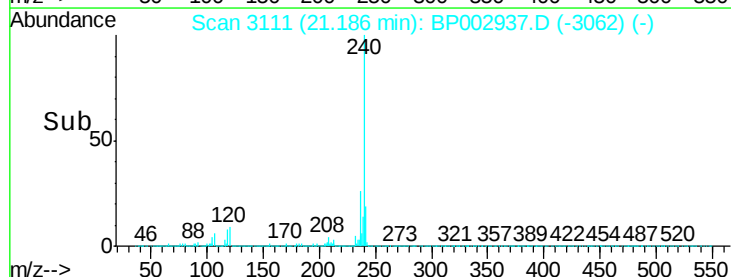
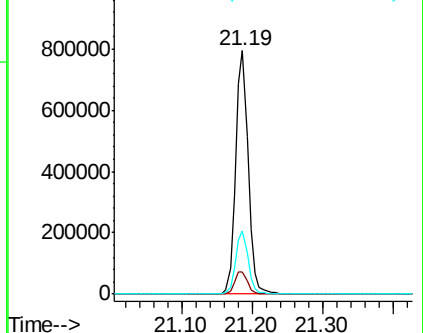
236 26.1 20.3 30.5

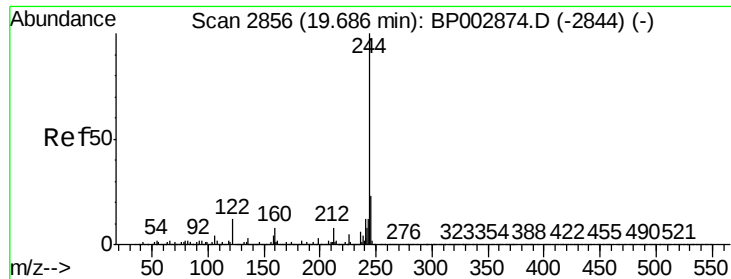


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.208 ng

RT: 19.67 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

Instrument :

BNA_P

ClientSampleId :

TP-2

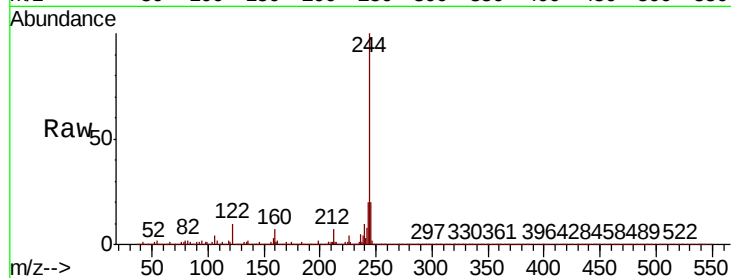
Tot Ion:244 Resp: 3628738

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

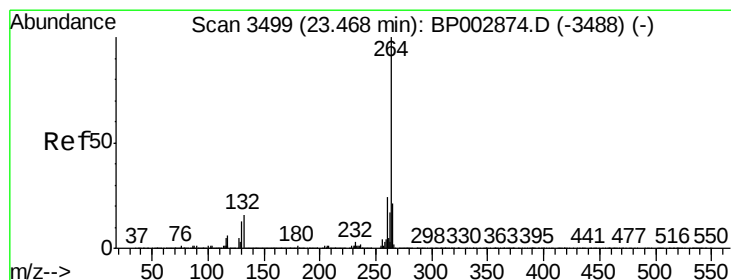
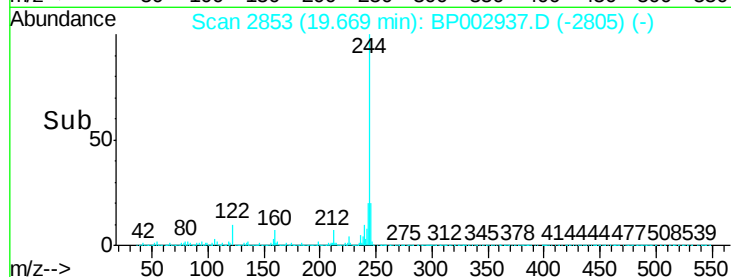
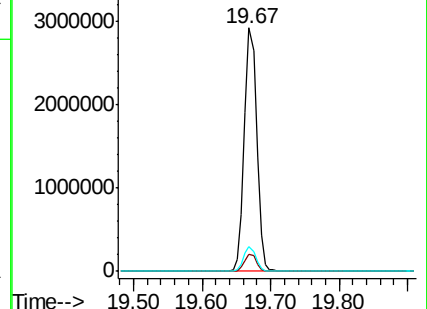
122 9.9 9.4 14.2



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: 23.45 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BP002937.D

Acq: 07 Aug 2020 18:01

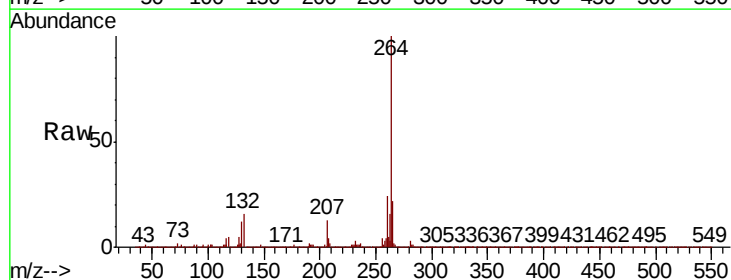
Tgt Ion:264 Resp: 1235402

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.9 17.0 25.4



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

