

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002936.D
 Acq On : 07 Aug 2020 17:26
 Operator : CG/JU
 Sample : L3594-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Aug 10 10:30:41 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	220523	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	819286	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	497267	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1120400	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	1353005	20.00	ng	-0.01
86) Perylene-d12	23.44	264	1610283	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1538067	106.75	ng	0.00
7) Phenol-d6	6.88	99	1708460	85.40	ng	-0.01
23) Nitrobenzene-d5	8.85	82	1206841	79.78	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	864251	139.84	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	3026409	83.15	ng	-0.01
79) Terphenyl-d14	19.67	244	5182599	76.68	ng	-0.01

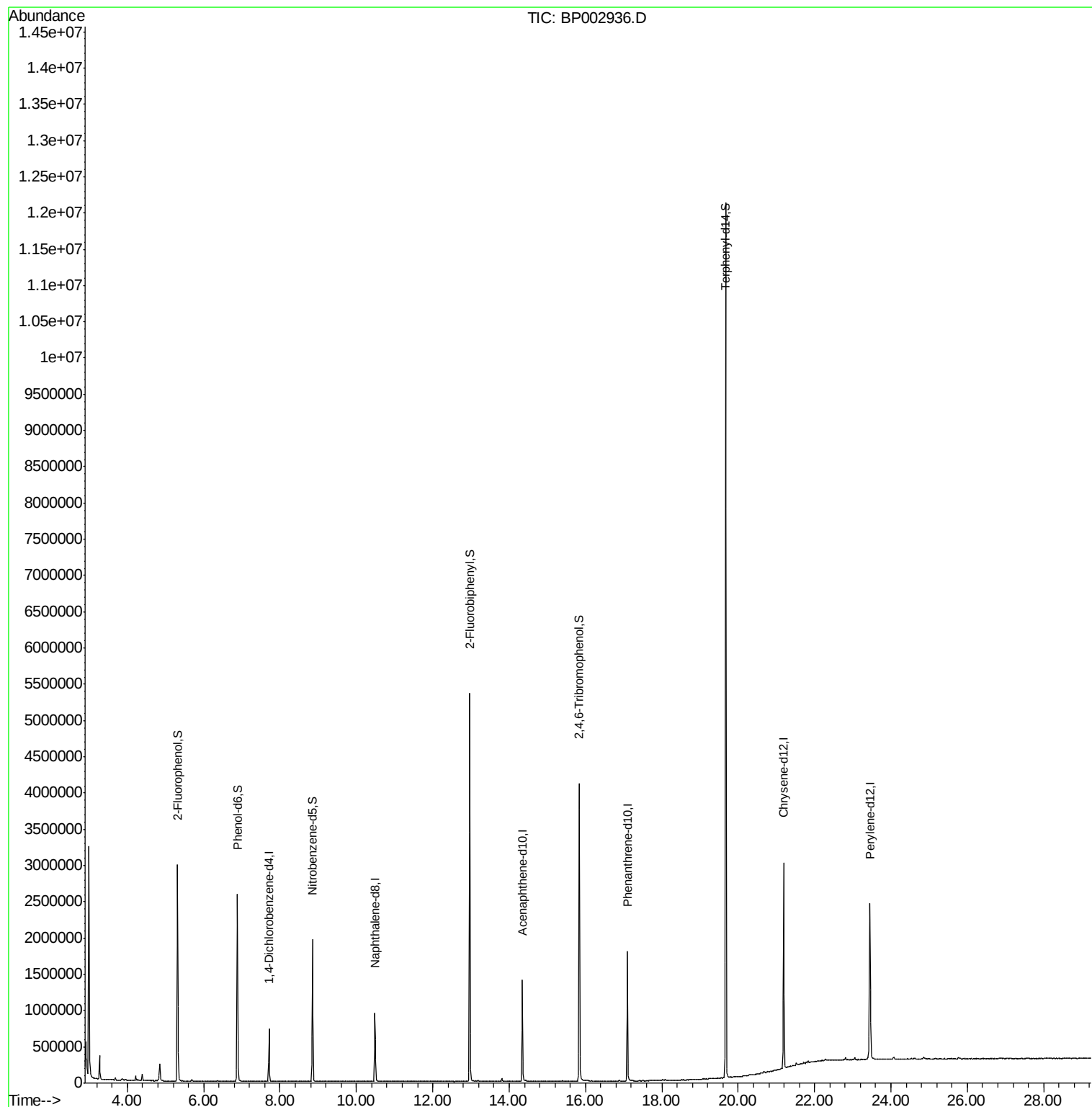
Target Compounds Qvalue

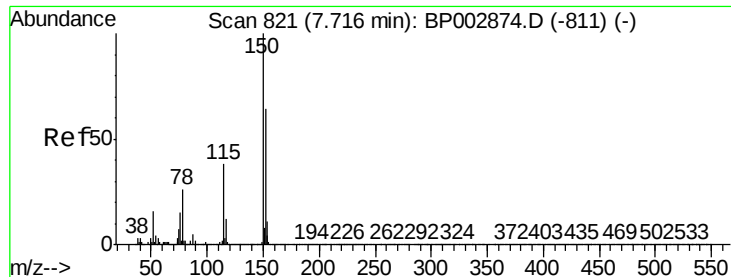
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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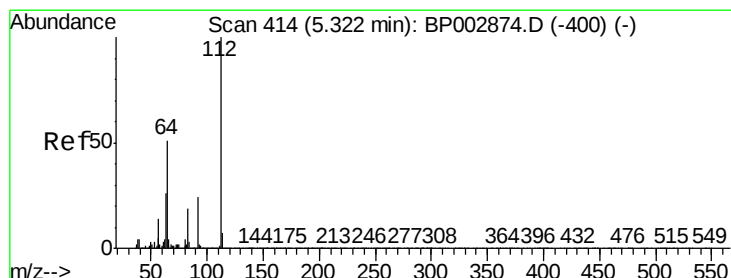
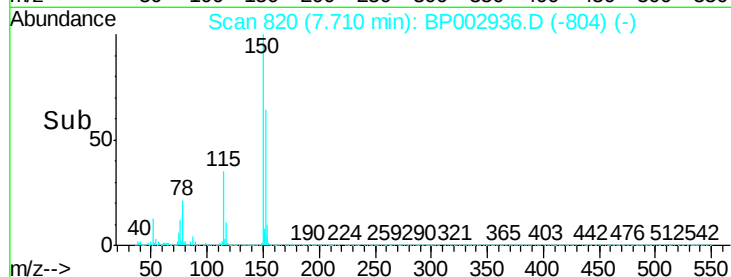
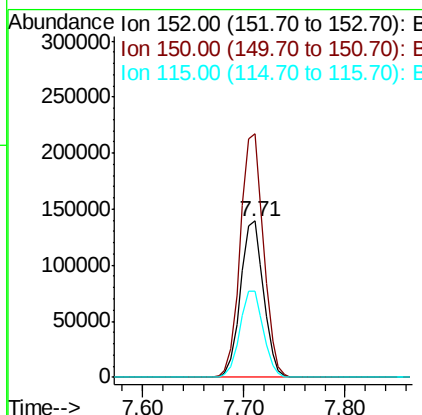
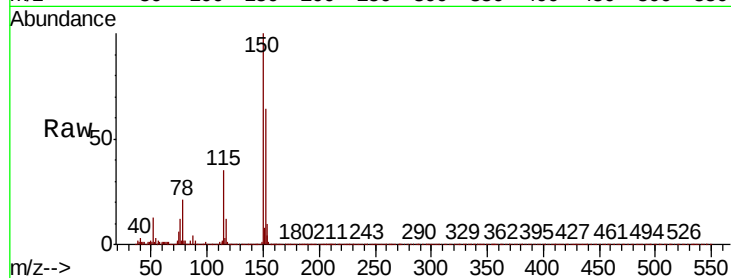


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Instrument :
BNA_P
ClientSampleId :
TP-1

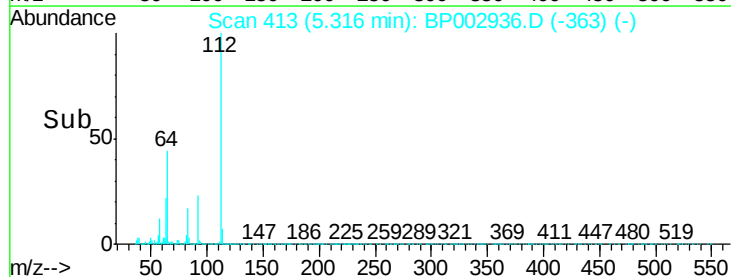
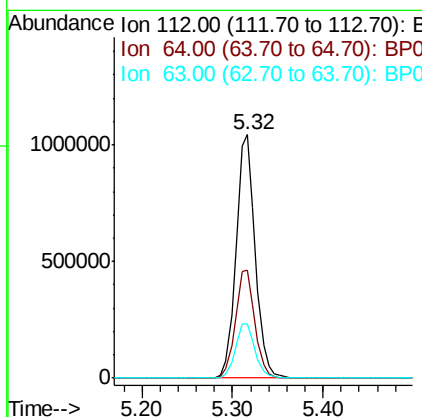
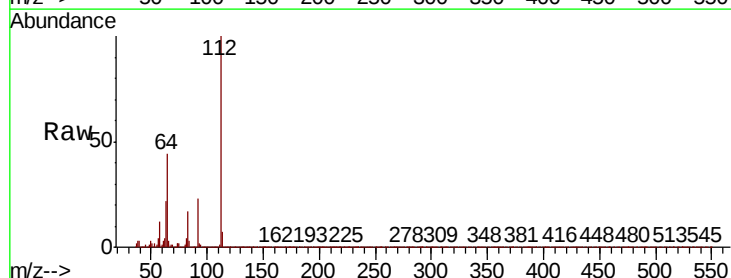
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.8	187.2
115	55.2	47.4	71.2

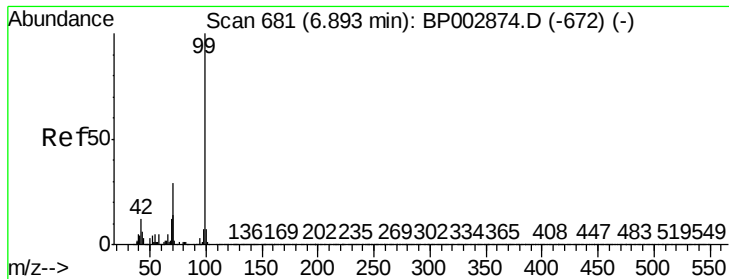


#5

2-Fluorophenol
Concen: 106.747 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002936.D
Acq: 07 Aug 2020 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	41.0	61.6
63	22.2	20.7	31.1





#7

Phenol-d6

Concen: 85.404 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002936.D

Acq: 07 Aug 2020 17:26

Instrument :

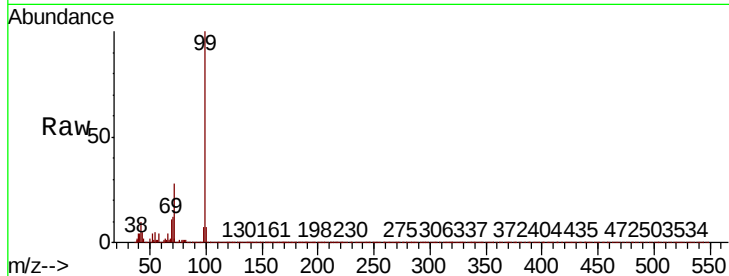
BNA_P

ClientSampled :

TP-1

Tot Ion: 99 Resp: 1708460

Ion	Ratio	Lower	Upper
99	100		
42	10.5	9.3	13.9
71	27.5	23.5	35.3

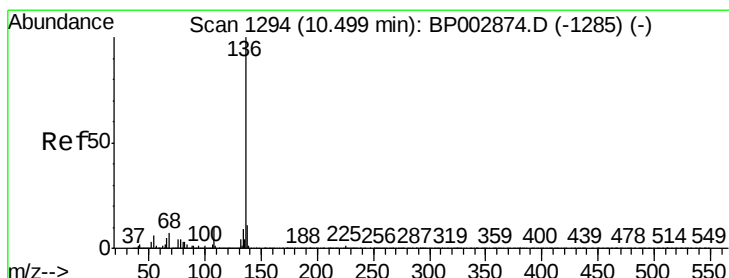
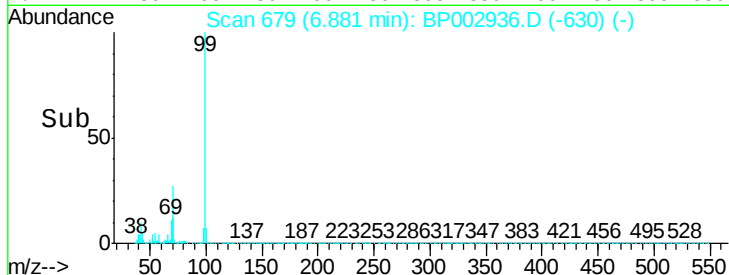


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1292

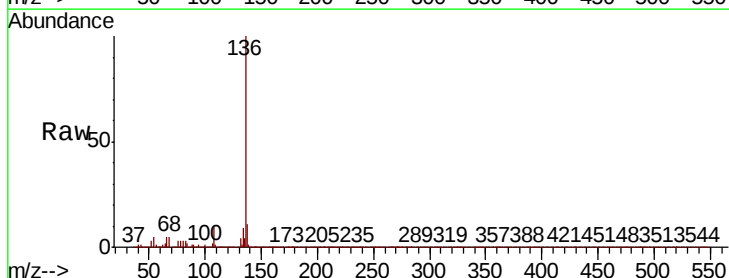
Delta R.T. -0.01 min

Lab File: BP002936.D

Acq: 07 Aug 2020 17:26

Tgt Ion: 136 Resp: 819286

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.3	5.1	7.7
68	5.2	5.3	7.9#



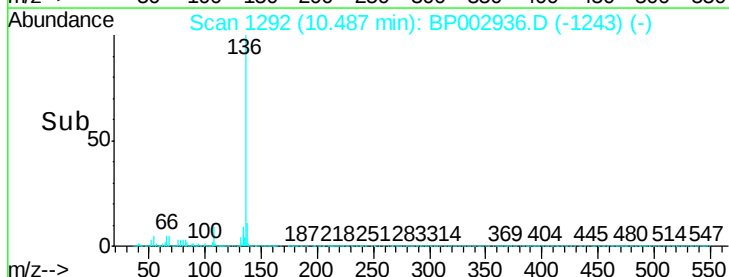
Abundance

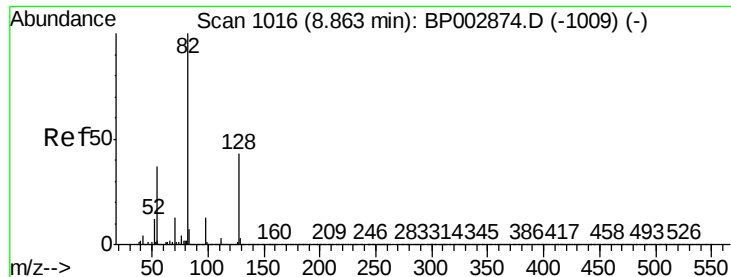
Ion 136.00 (135.70 to 136.70): E

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

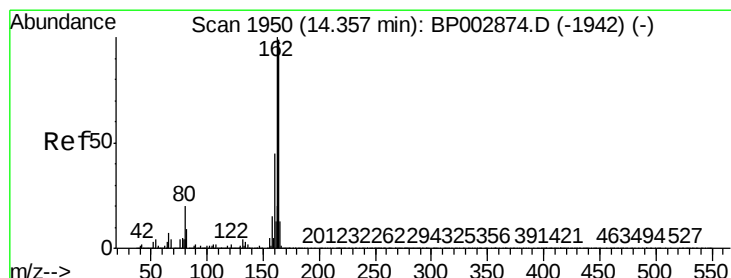
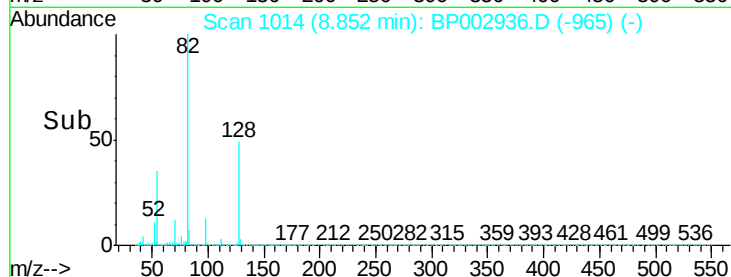
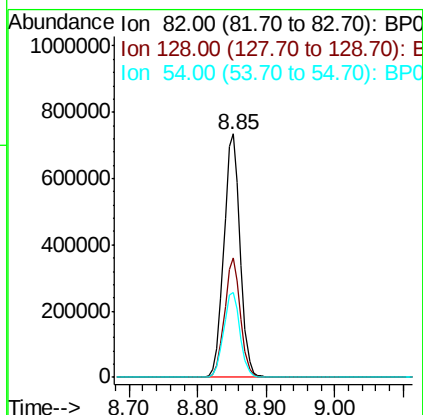
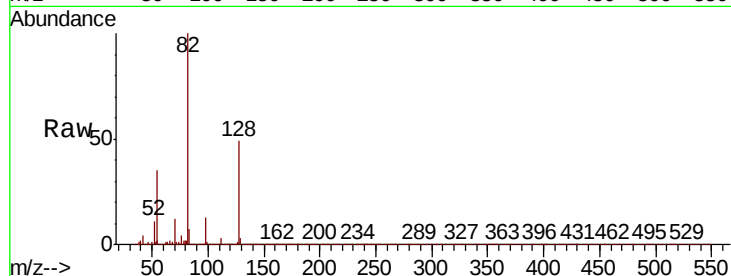




#23
 Nitrobenzene-d5
 Concen: 79.783 ng
 RT: 8.85 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BP002936.D
 Acq: 07 Aug 2020 17:26

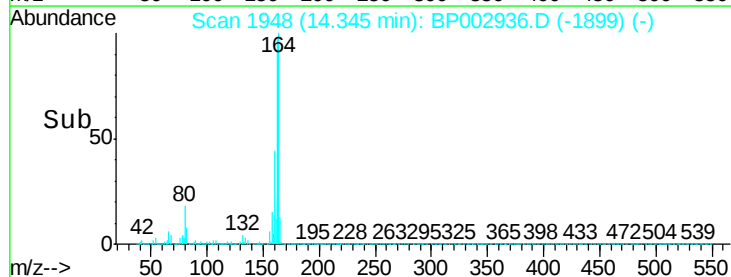
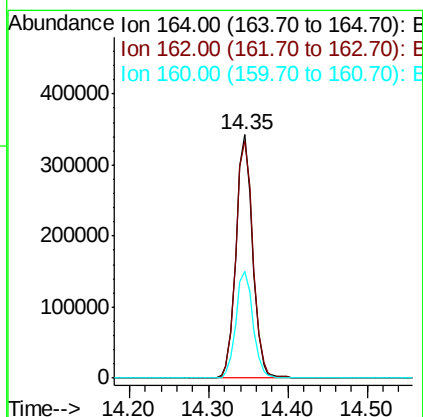
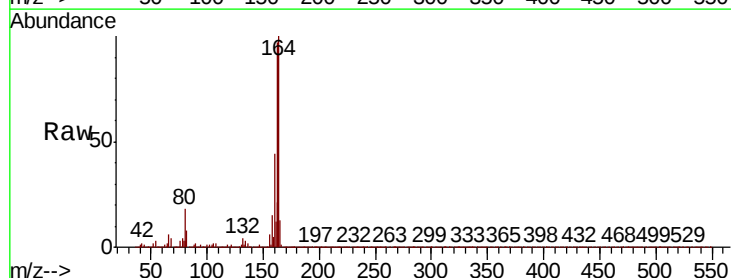
Instrument :
 BNA_P
 ClientSampled :
 TP-1

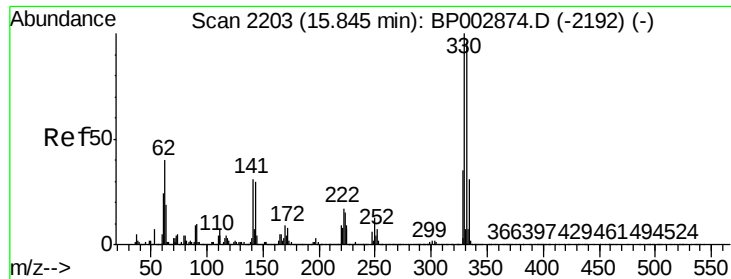
Tot Ion: 82 Resp: 1206841
 Ion Ratio Lower Upper
 82 100
 128 48.8 34.6 52.0
 54 35.0 29.5 44.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BP002936.D
 Acq: 07 Aug 2020 17:26

Tgt Ion: 164 Resp: 497267
 Ion Ratio Lower Upper
 164 100
 162 97.4 81.0 121.6
 160 44.1 36.2 54.4

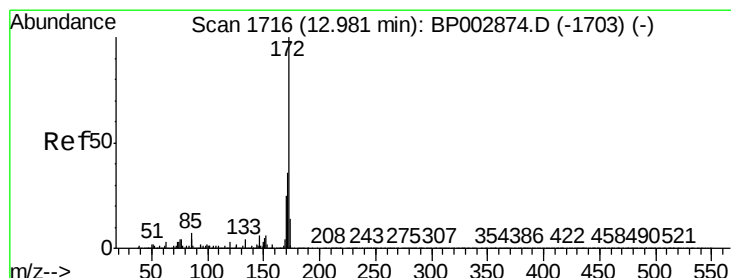
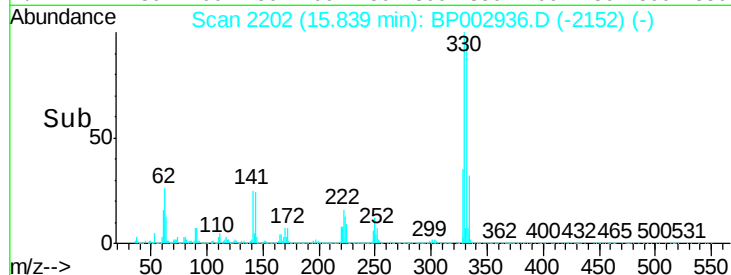
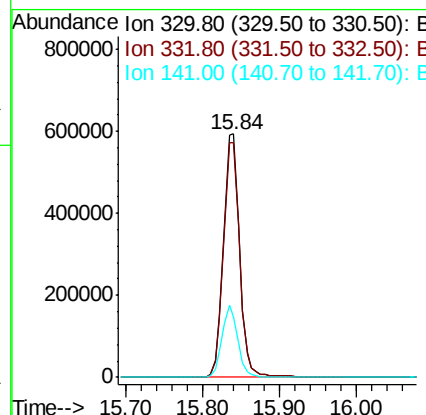
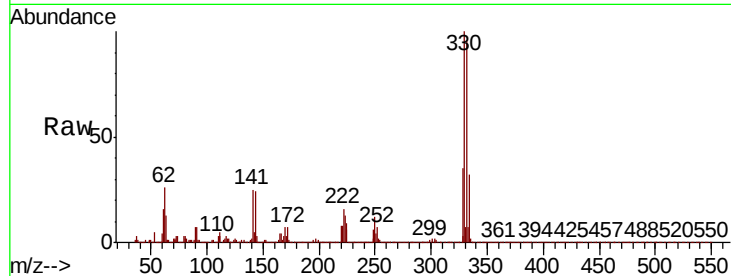




#42
 2,4,6-Tribromophenol
 Concen: 139.836 ng
 RT: 15.84 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BP002936.D
 Acq: 07 Aug 2020 17:26

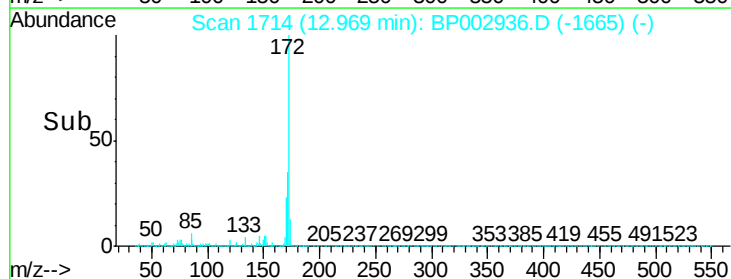
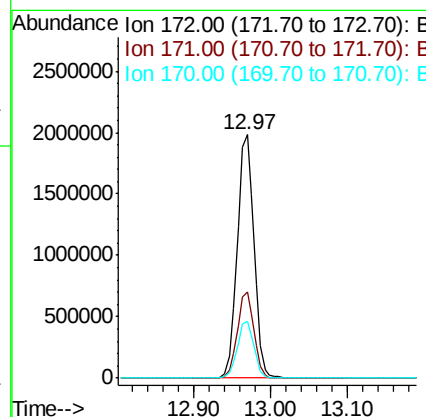
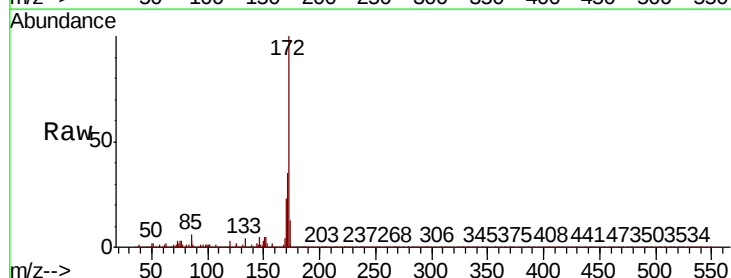
Instrument :
 BNA_P
 ClientSampleId :
 TP-1

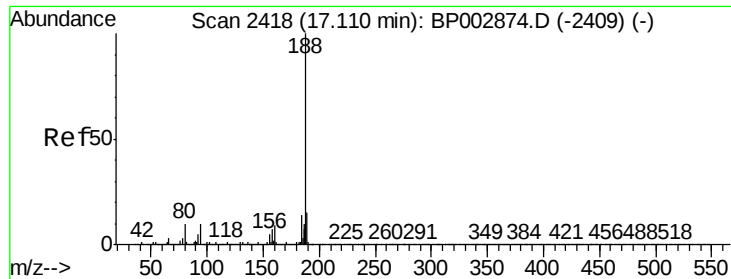
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	28.6	24.6	37.0



#45
 2-Fluorobiphenyl
 Concen: 83.154 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BP002936.D
 Acq: 07 Aug 2020 17:26

Tgt 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: BP002936.D

Acq: 07 Aug 2020 17:26

Instrument :

BNA_P

ClientSampleId :

TP-1

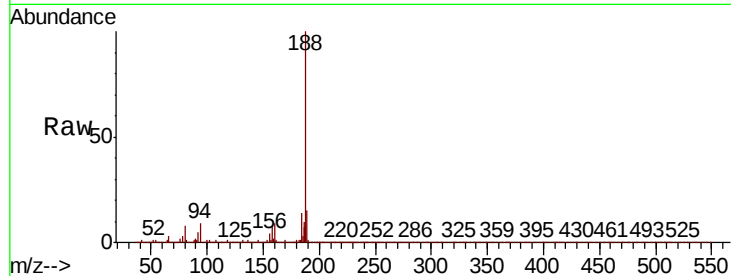
Tot Ion:188 Resp: 1120400

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

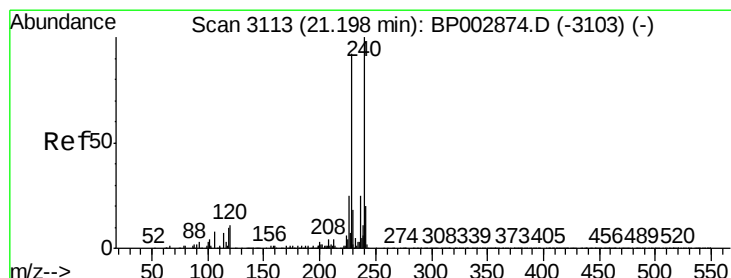
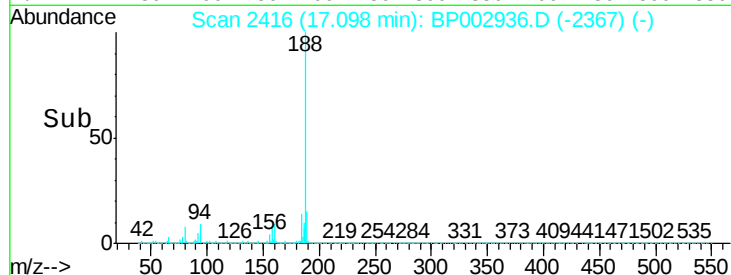
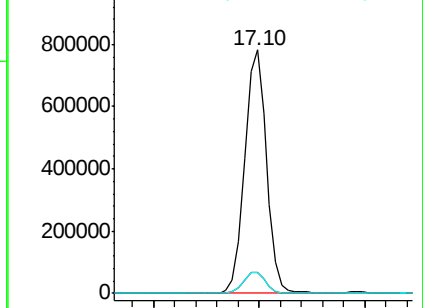
80 8.5 8.0 12.0



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: BP002936.D

Acq: 07 Aug 2020 17:26

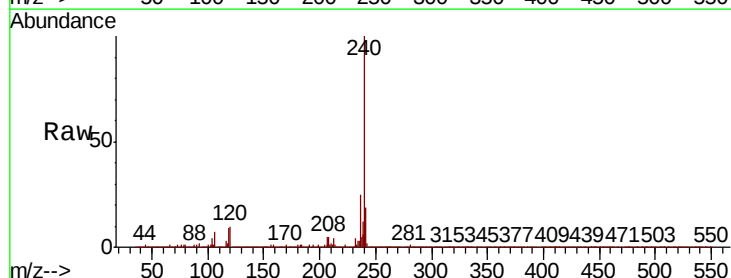
Tgt Ion:240 Resp: 1353005

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

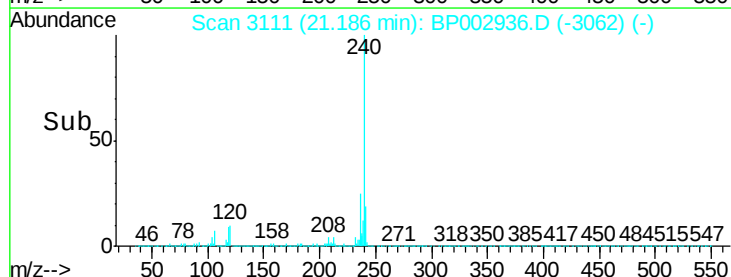
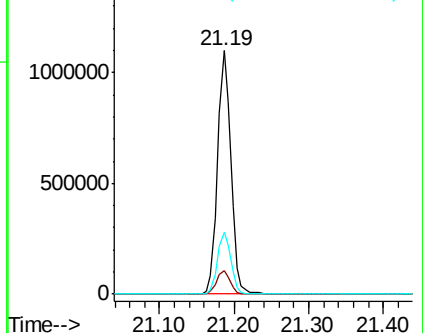
236 25.3 20.3 30.5

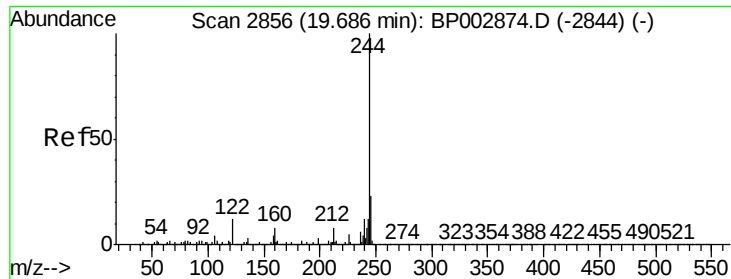


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.684 ng

RT: 19.67 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BP002936.D

Acq: 07 Aug 2020 17:26

Instrument :

BNA_P

ClientSampled :

TP-1

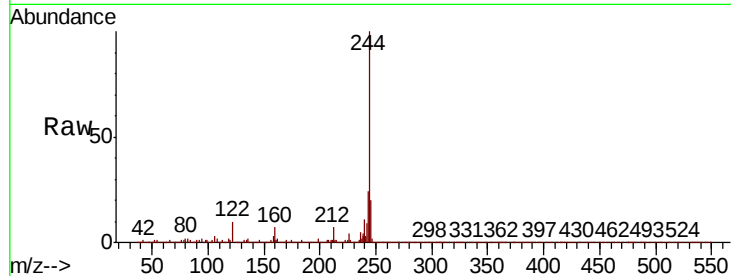
Tot Ion:244 Resp: 5182599

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

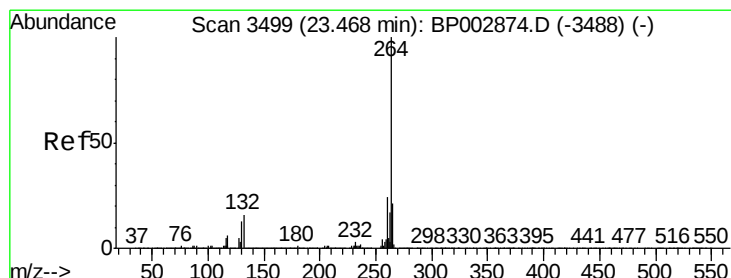
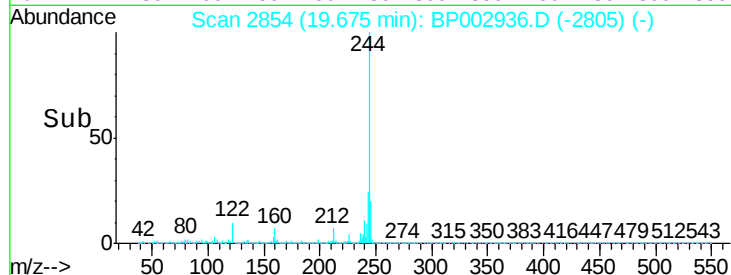
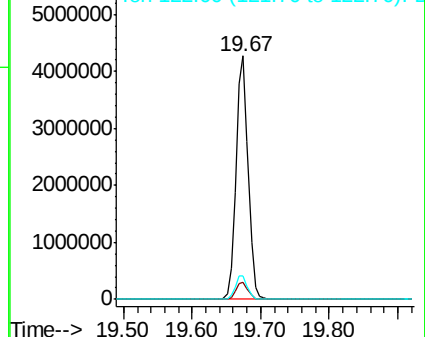
122 9.8 9.4 14.2



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: 23.44 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BP002936.D

Acq: 07 Aug 2020 17:26

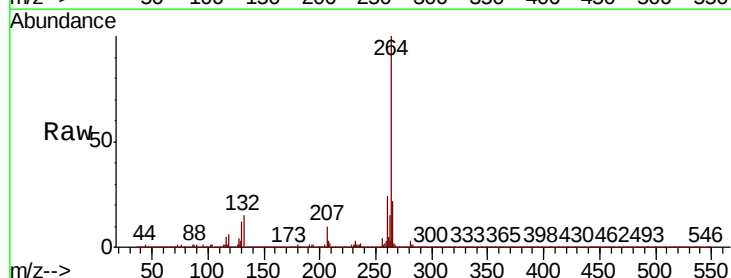
Tgt Ion:264 Resp: 1610283

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.0 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

