

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002901.D
 Acq On : 31 Jul 2020 19:59
 Operator : CG/JU
 Sample : L3518-38
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Quant Time: Aug 01 04:00:41 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	7.72	152	559562	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2173485	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1255275	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2526054	20.00	ng	0.00
76) Chrysene-d12	21.20	240	1989655	20.00	ng	0.00
86) Perylene-d12	23.46	264	1764625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	3897103	106.59	ng	0.00
7) Phenol-d6	6.89	99	4390501	86.50	ng	0.00
23) Nitrobenzene-d5	8.86	82	3427365	85.41	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1930407	123.73	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6837438	74.42	ng	0.00
79) Terphenyl-d14	19.68	244	8912613	89.68	ng	0.00

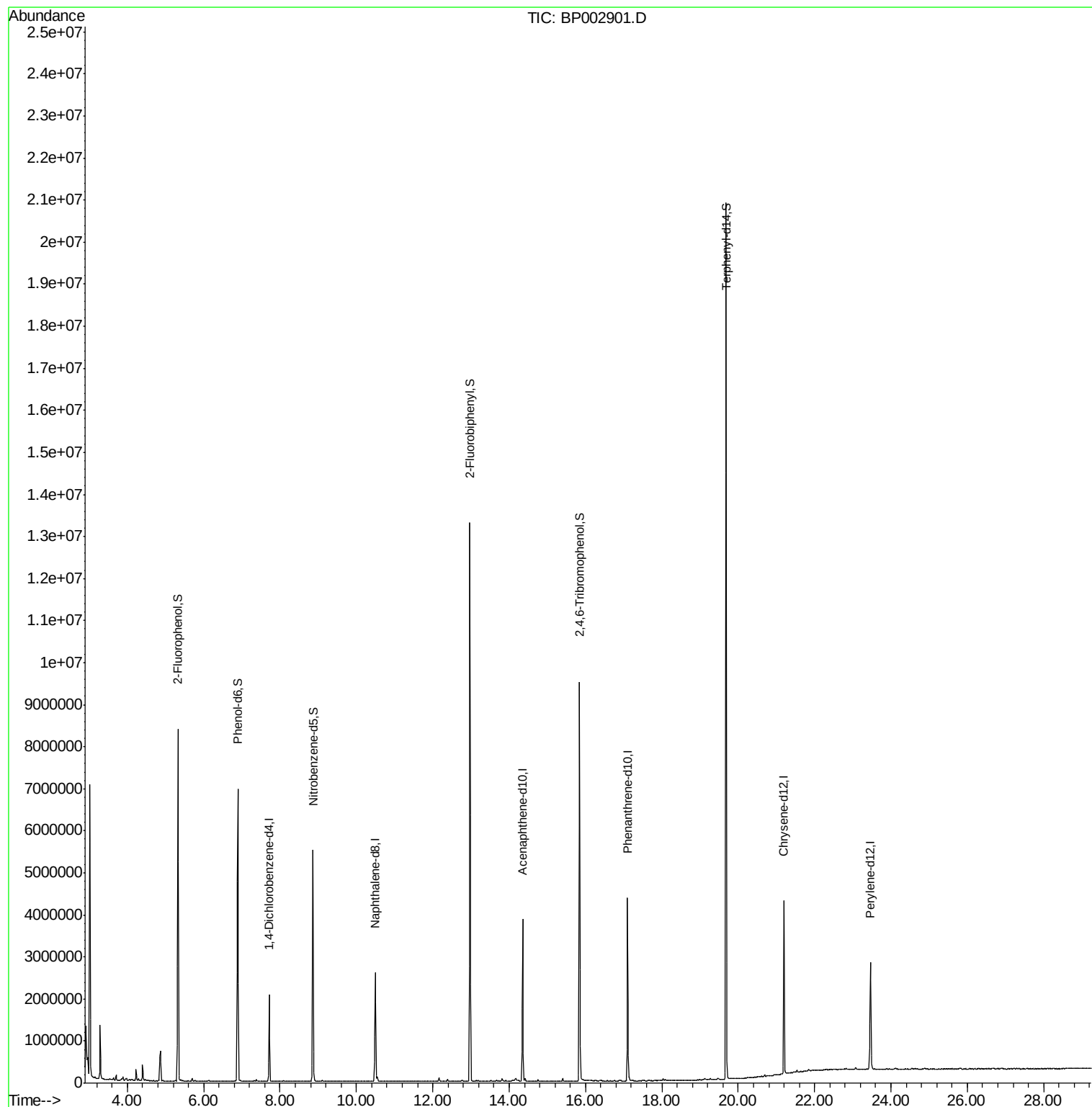
Target Compounds Qvalue

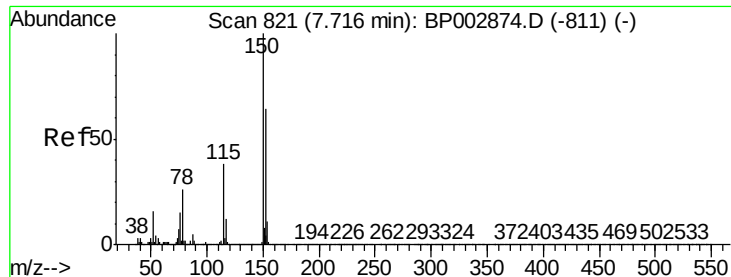
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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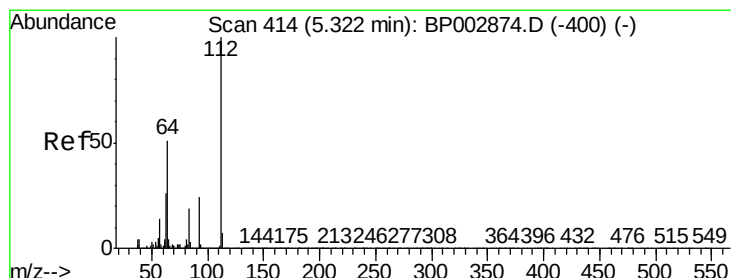
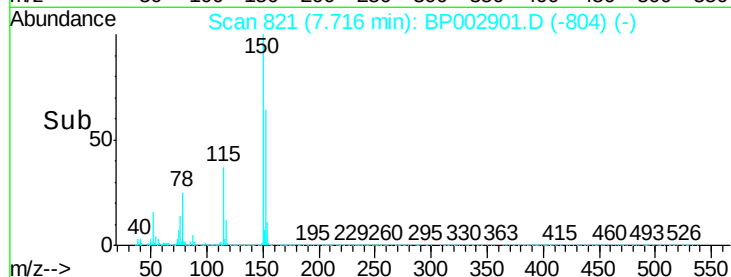
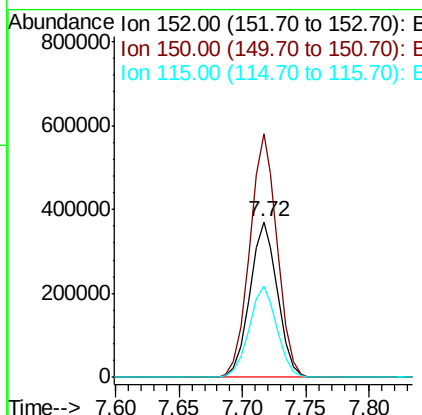
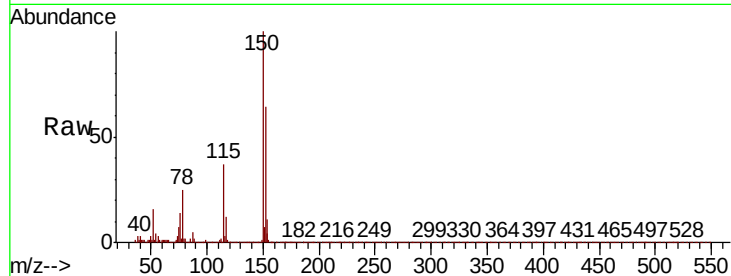


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002901.D
Acq: 31 Jul 2020 19:59

Instrument :
BNA_P
ClientSampleId :
TP-11

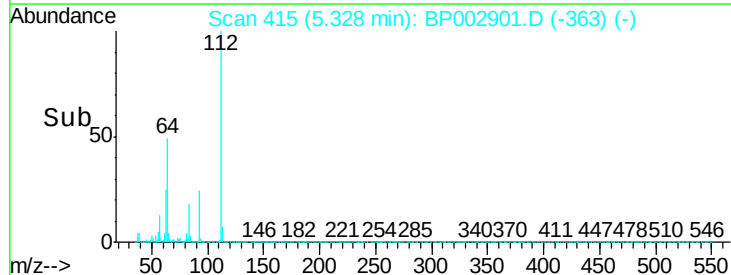
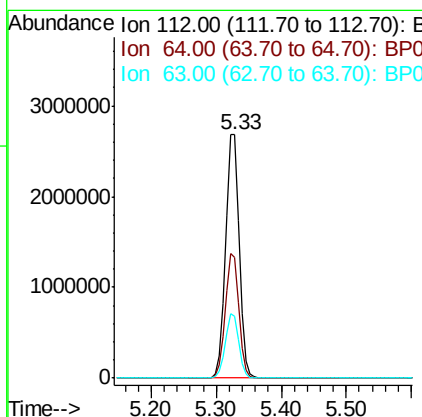
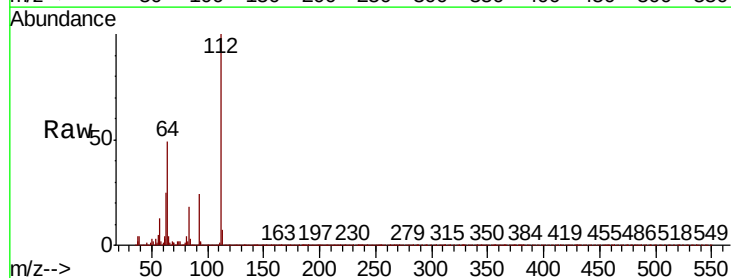
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.8	187.2
115	58.2	47.4	71.2

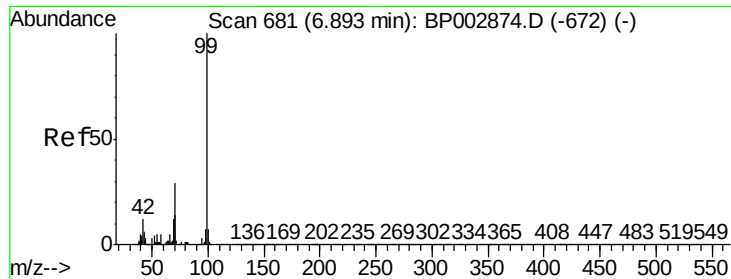


#5

2-Fluorophenol
Concen: 106.592 ng
RT: 5.33 min Scan# 415
Delta R.T. 0.01 min
Lab File: BP002901.D
Acq: 31 Jul 2020 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	41.0	61.6
63	25.3	20.7	31.1





#7

Phenol-d6

Concen: 86.495 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BP002901.D

Acq: 31 Jul 2020 19:59

Instrument :

BNA_P

ClientSampleId :

TP-11

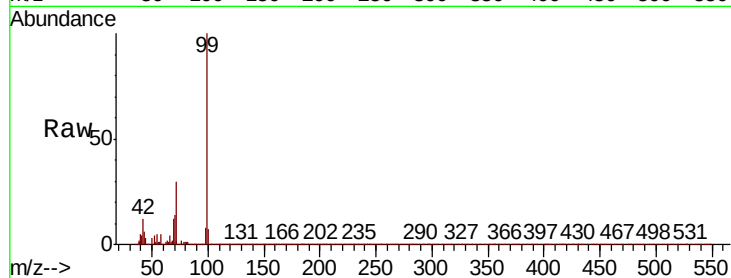
Tot Ion: 99 Resp: 4390501

Ion Ratio Lower Upper

99 100

42 11.6 9.3 13.9

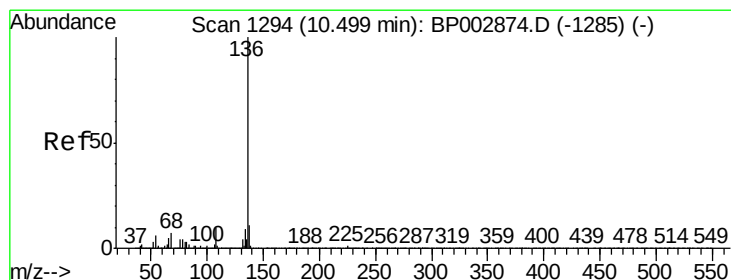
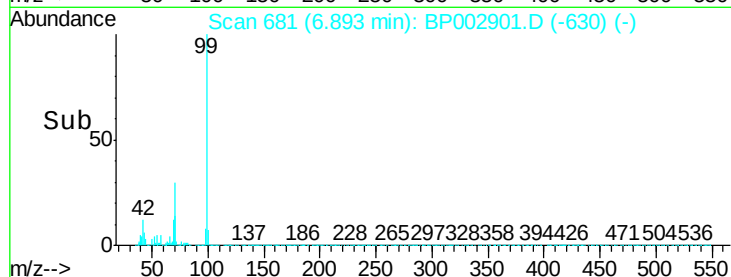
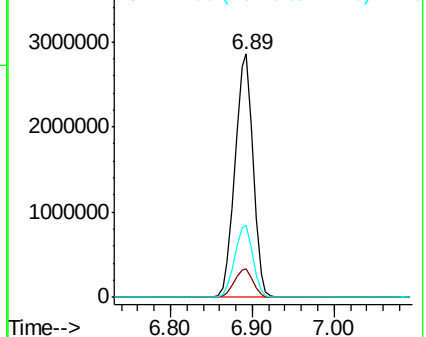
71 29.7 23.5 35.3



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: 10.50 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BP002901.D

Acq: 31 Jul 2020 19:59

Tgt Ion: 136 Resp: 2173485

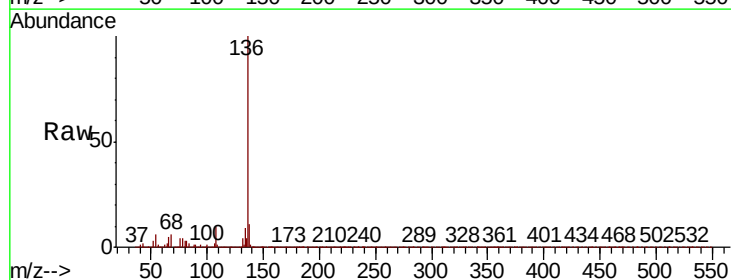
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.1 5.1 7.7

68 6.3 5.3 7.9

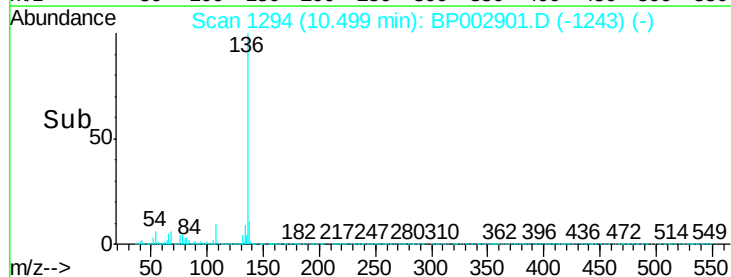
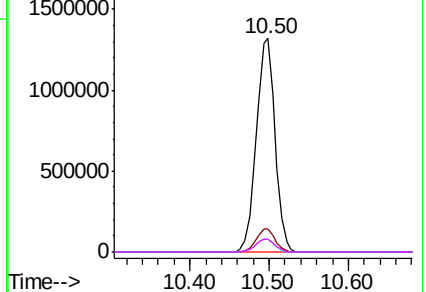


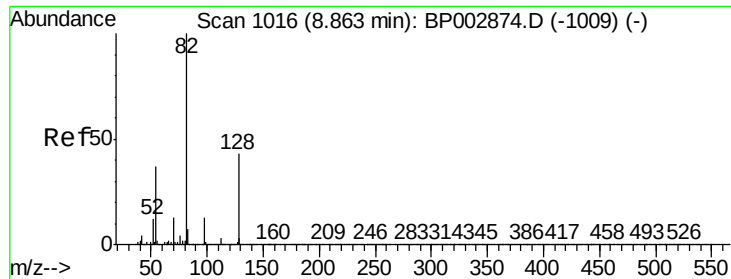
Abundance Ion 136.00 (135.70 to 136.70): E

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

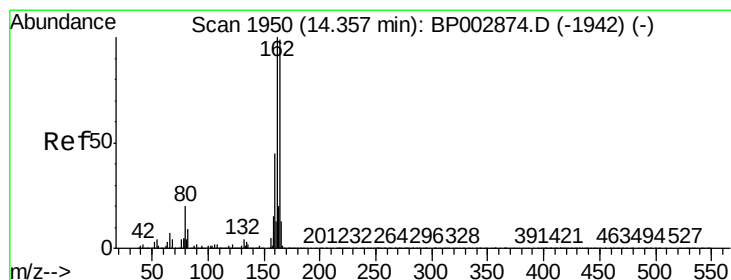
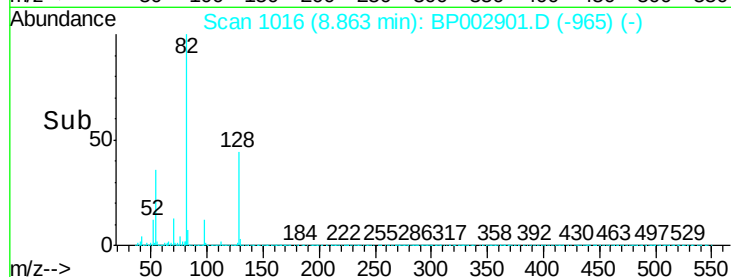
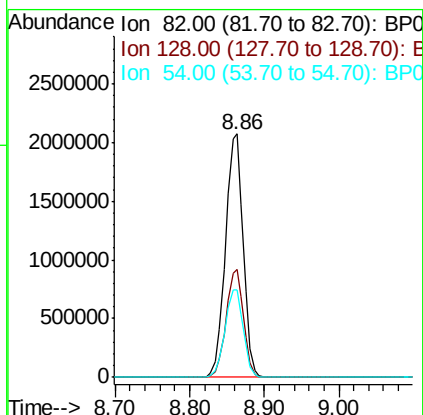
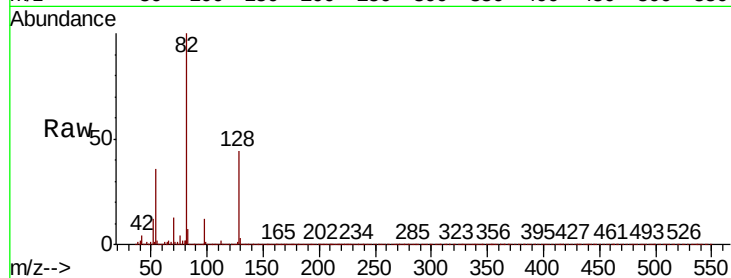




#23
 Nitrobenzene-d5
 Concen: 85.409 ng
 RT: 8.86 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BP002901.D
 Acq: 31 Jul 2020 19:59

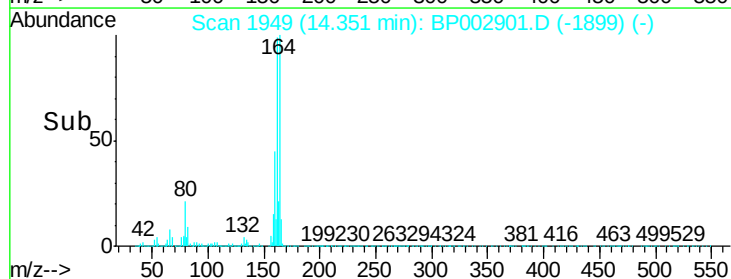
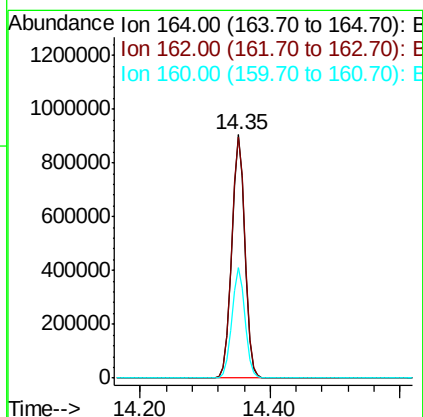
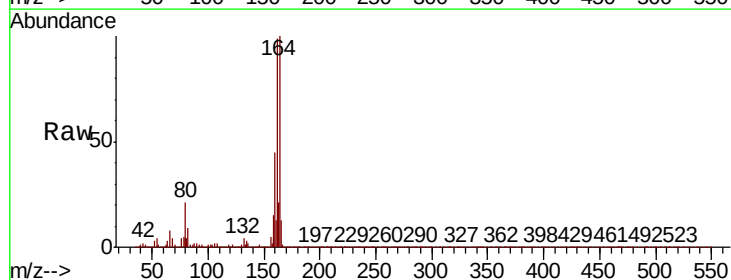
Instrument :
 BNA_P
 ClientSampled :
 TP-11

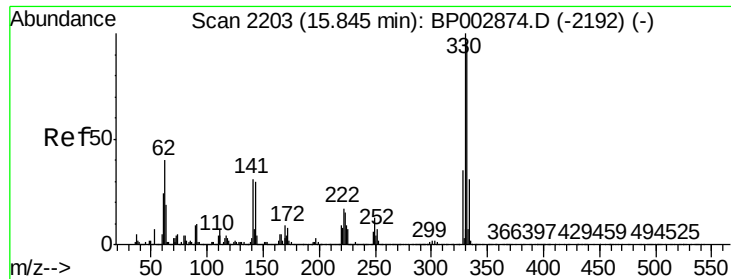
Tot Ion: 82 Resp: 3427365
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 36.1 29.5 44.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BP002901.D
 Acq: 31 Jul 2020 19:59

Tgt Ion:164 Resp: 1255275
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.0 121.6
 160 45.2 36.2 54.4

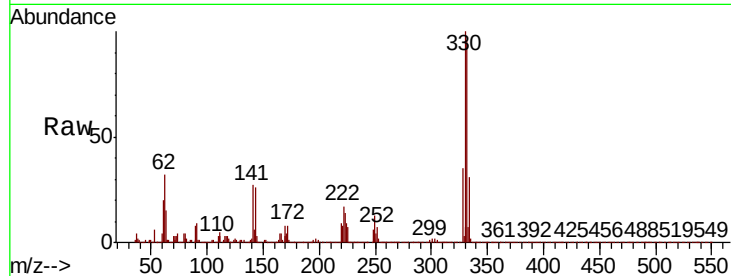




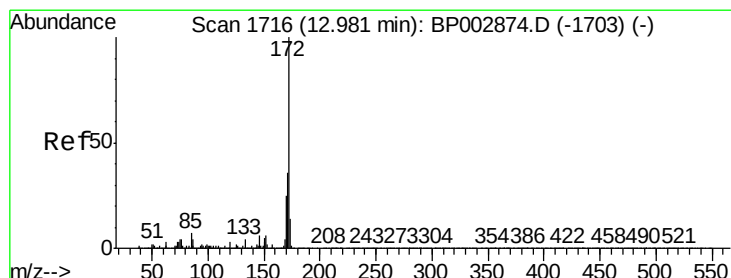
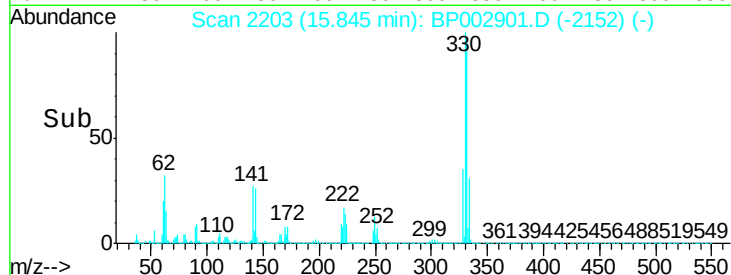
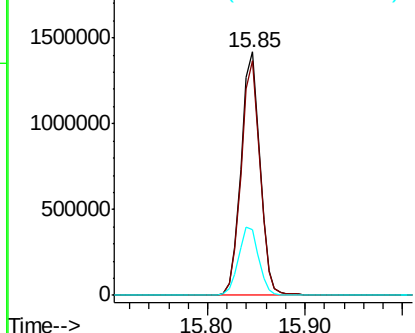
#42
2,4,6-Tribromophenol
Concen: 123.731 ng
RT: 15.85 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP002901.D
Acq: 31 Jul 2020 19:59

Instrument :
BNA_P
ClientSampleId :
TP-11

Tot Ion:330 Resp: 1930407
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.7 24.6 37.0

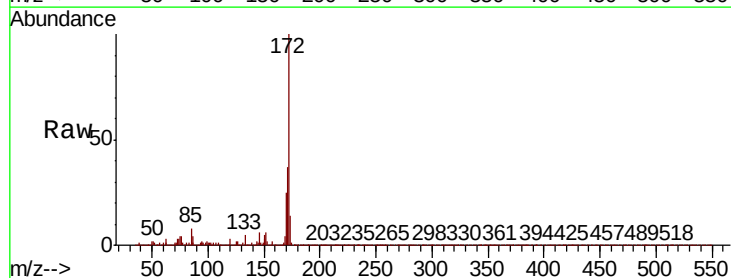


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

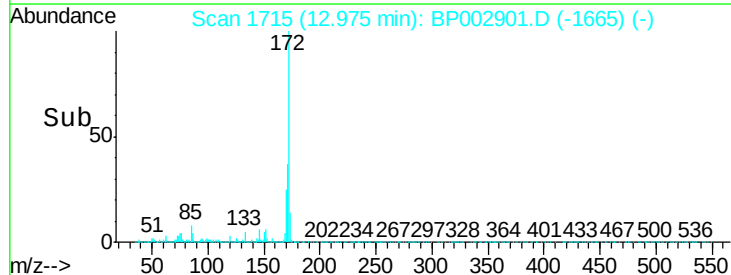
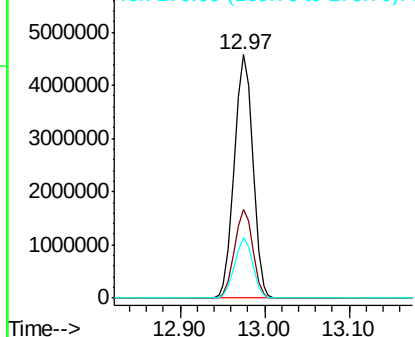


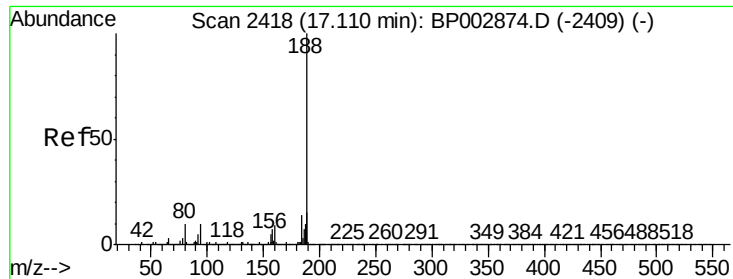
#45
2-Fluorobiphenyl
Concen: 74.422 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002901.D
Acq: 31 Jul 2020 19:59

Tgt Ion:172 Resp: 6837438
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002901.D

Acq: 31 Jul 2020 19:59

Instrument :

BNA_P

ClientSampleId :

TP-11

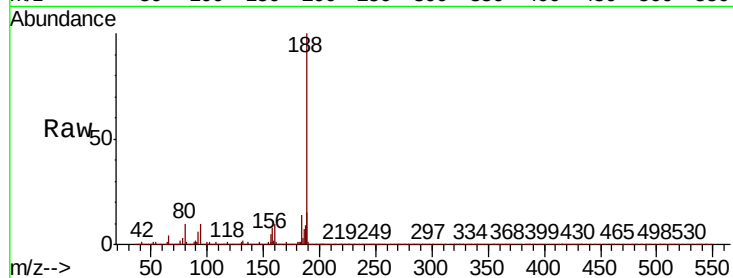
Tot Ion:188 Resp: 2526054

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

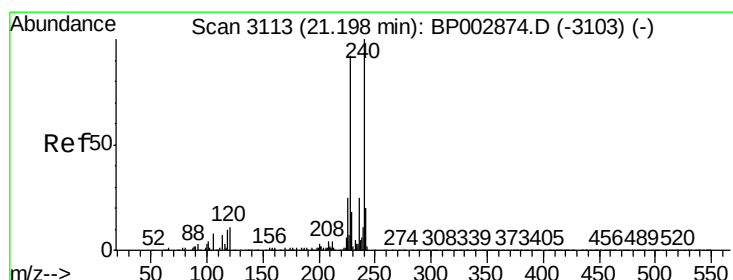
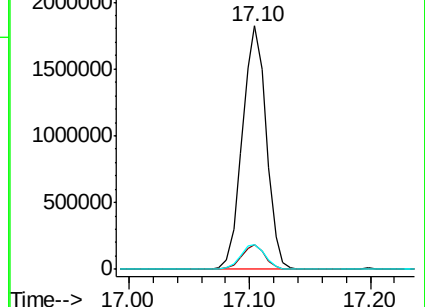
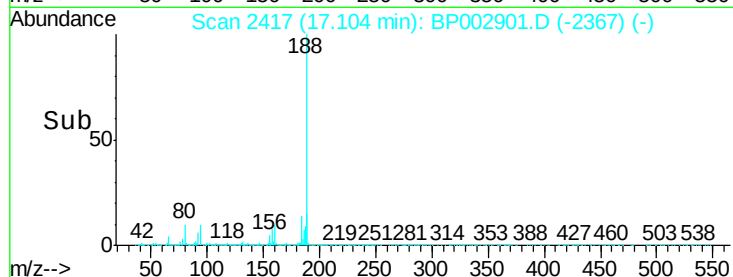
80 10.4 8.0 12.0



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: 21.20 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BP002901.D

Acq: 31 Jul 2020 19:59

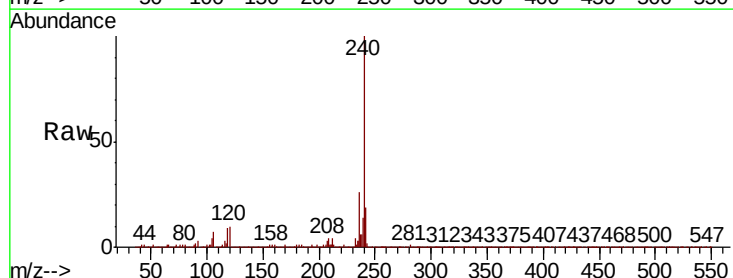
Tgt Ion:240 Resp: 1989655

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

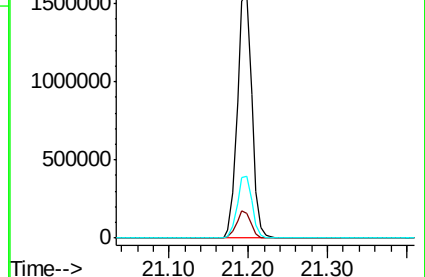
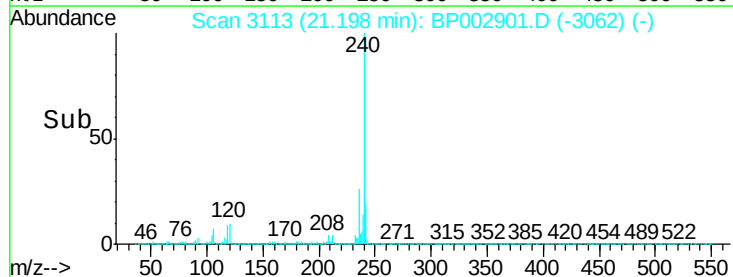
236 25.6 20.3 30.5

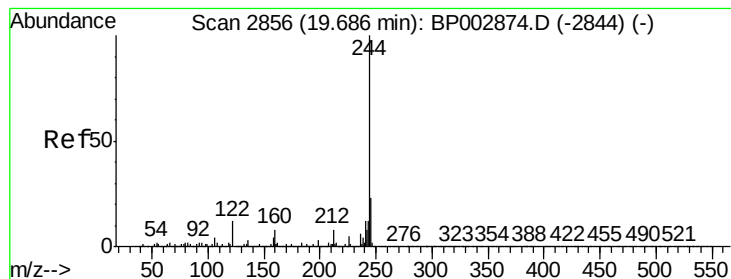


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.677 ng

RT: 19.68 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BP002901.D

Acq: 31 Jul 2020 19:59

Instrument :

BNA_P

ClientSampleId :

TP-11

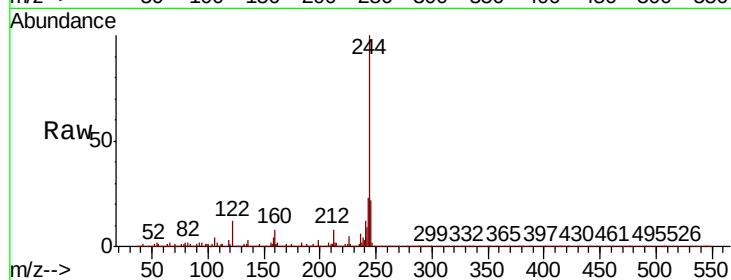
Tot Ion:244 Resp: 8912613

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

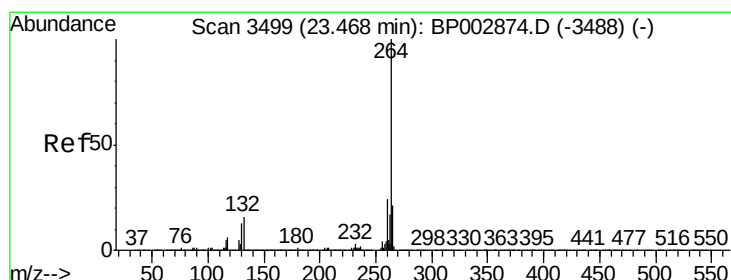
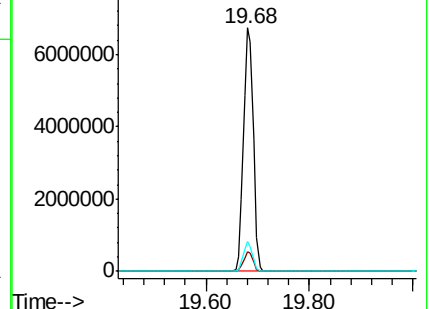
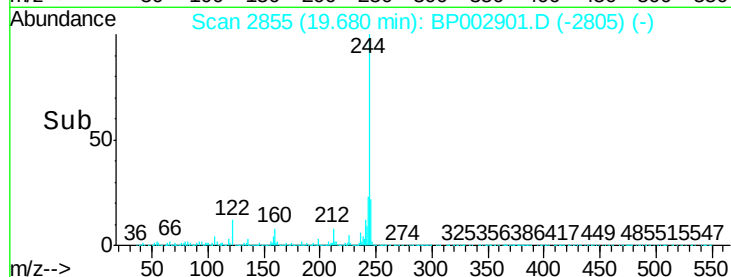
122 12.1 9.4 14.2



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: 23.46 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BP002901.D

Acq: 31 Jul 2020 19:59

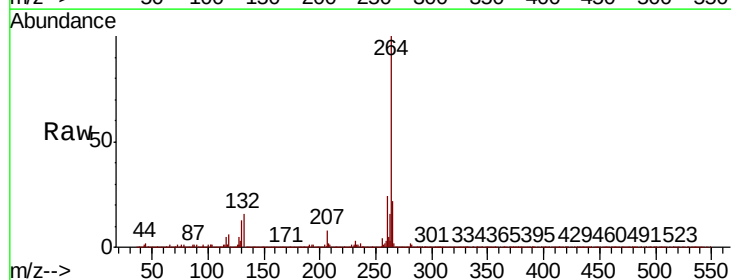
Tgt Ion:264 Resp: 1764625

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.8 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

