

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002898.D
 Acq On : 31 Jul 2020 18:16
 Operator : CG/JU
 Sample : L3518-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8

Quant Time: Jul 31 18:54:22 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	526677	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2065587	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1206895	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2488968	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2067051	20.00	ng	0.00
86) Perylene-d12	23.46	264	1752822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	4112577	119.51	ng	0.00
7) Phenol-d6	6.89	99	4778278	100.01	ng	0.00
23) Nitrobenzene-d5	8.86	82	3617961	94.87	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	2152153	143.47	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	7351365	83.22	ng	0.00
79) Terphenyl-d14	19.69	244	9689959	93.85	ng	0.00

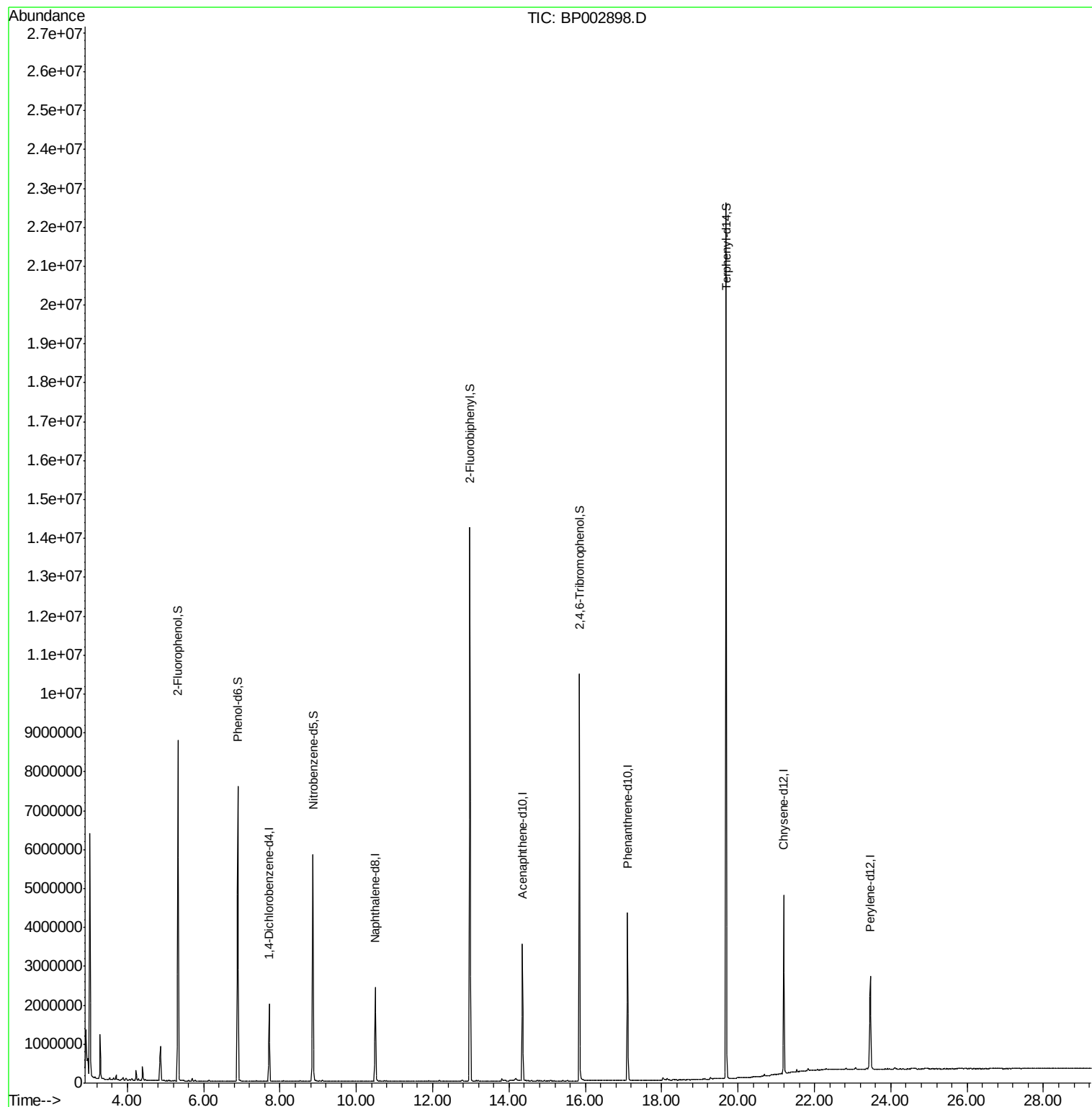
Target Compounds Qvalue

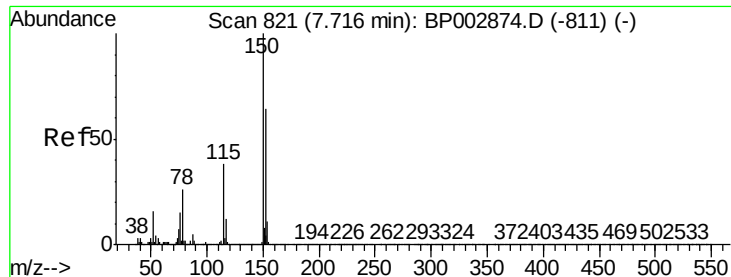
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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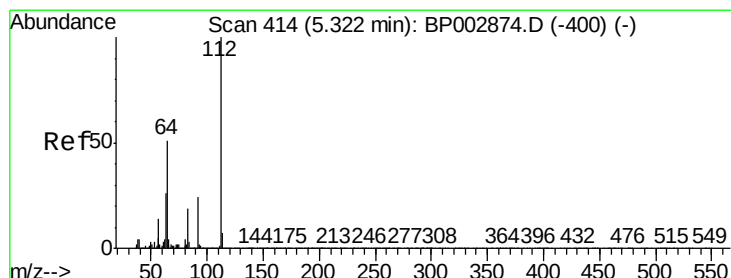
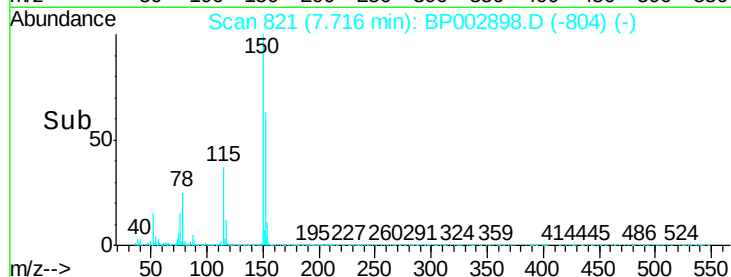
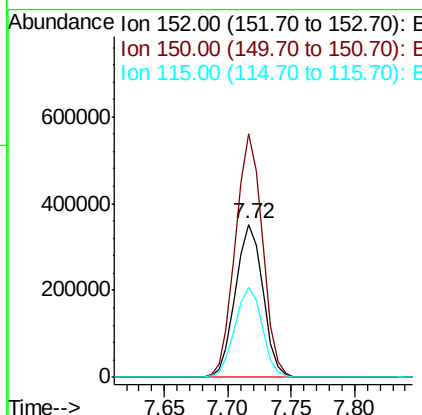
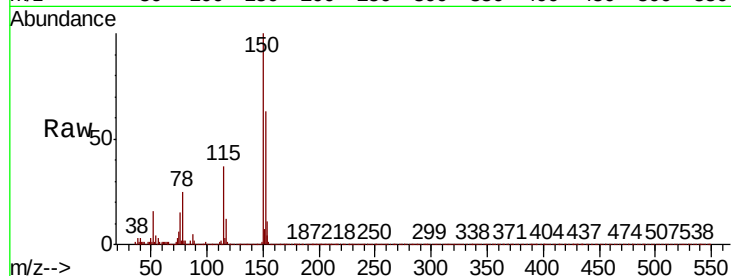


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Instrument :
BNA_P
ClientSampleId :
TP-8

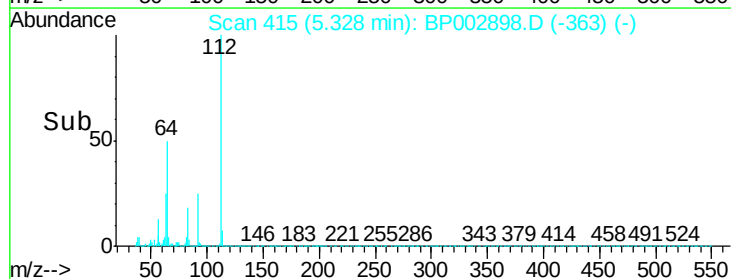
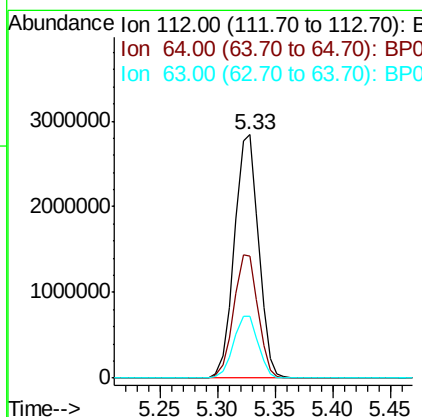
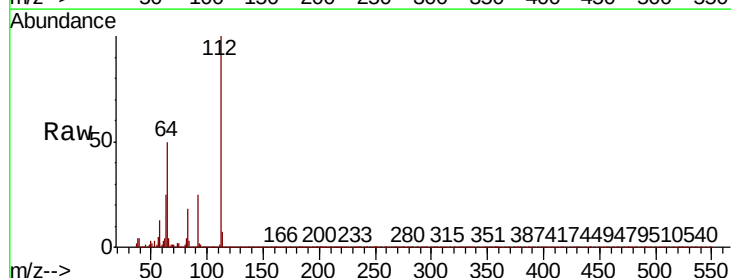
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.8	187.2
115	58.9	47.4	71.2

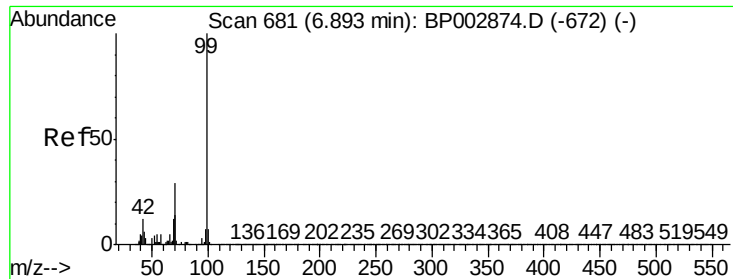


#5

2-Fluorophenol
Concen: 119.509 ng
RT: 5.33 min Scan# 415
Delta R.T. 0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	41.0	61.6
63	25.4	20.7	31.1





#7

Phenol-d6

Concen: 100.012 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

Instrument :

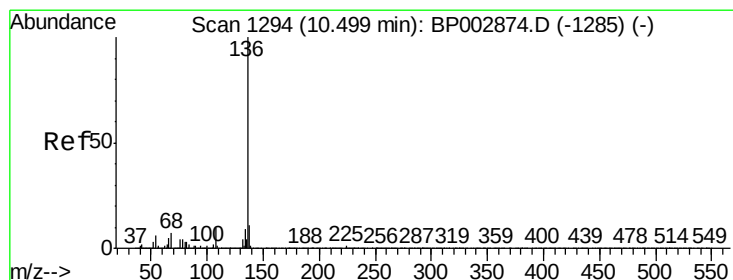
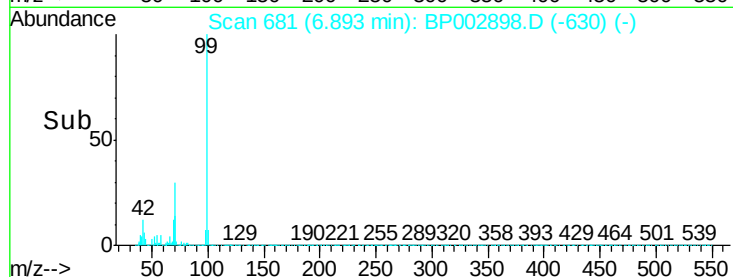
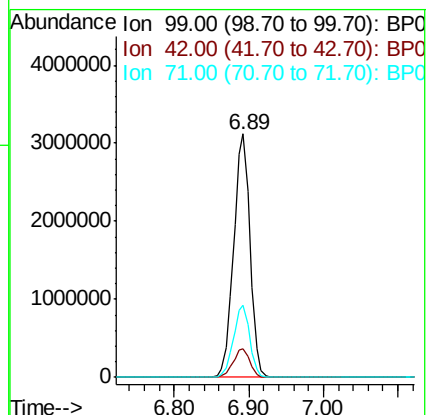
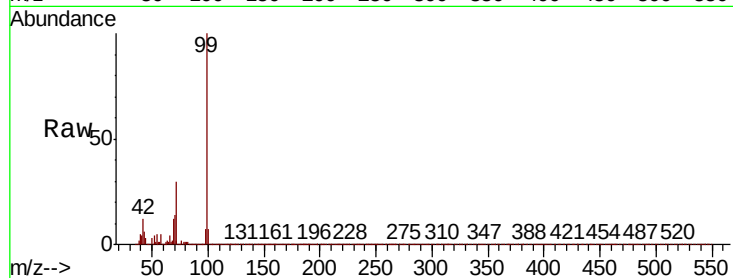
BNA_P

ClientSampleId :

TP-8

Tot Ion: 99 Resp: 4778278

Ion	Ratio	Lower	Upper
99	100		
42	11.7	9.3	13.9
71	29.7	23.5	35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

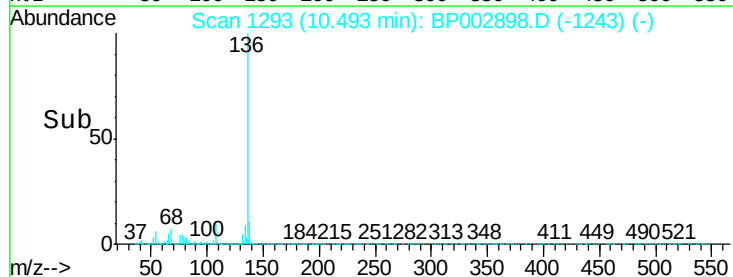
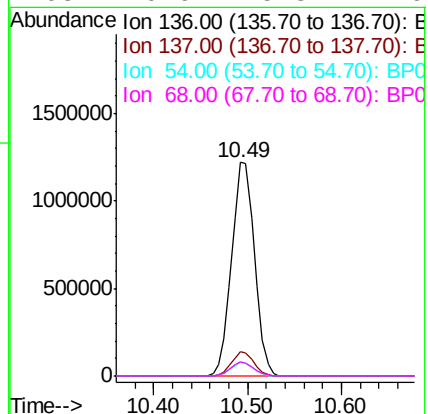
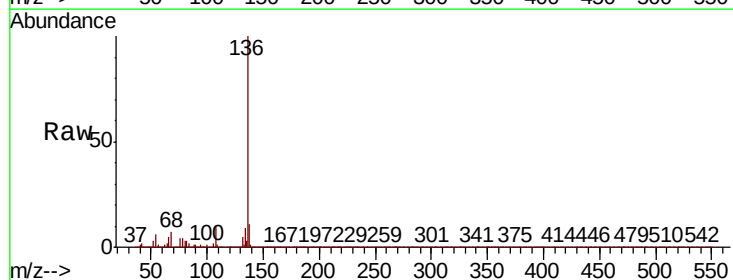
Delta R.T. -0.01 min

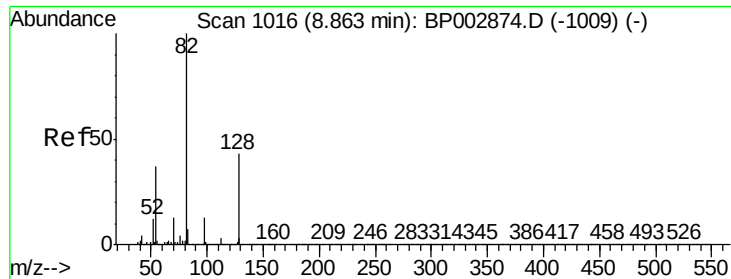
Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

Tgt Ion: 136 Resp: 2065587

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.3	5.1	7.7
68	6.6	5.3	7.9

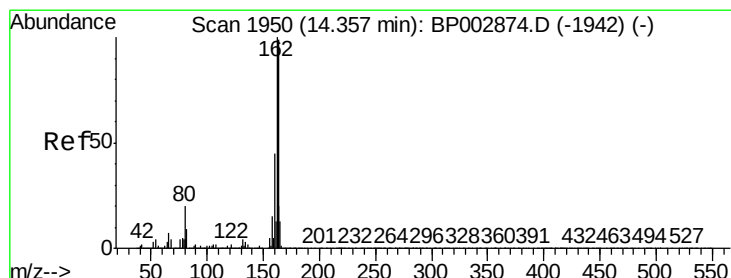
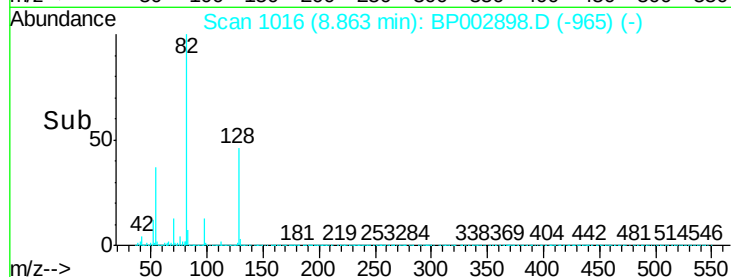
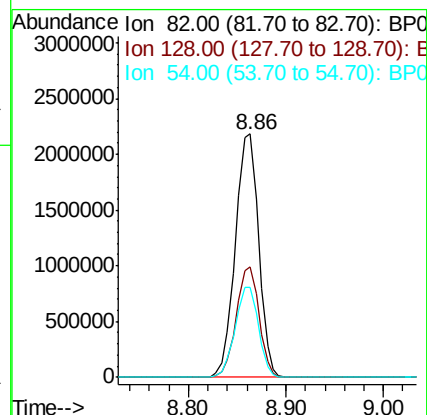
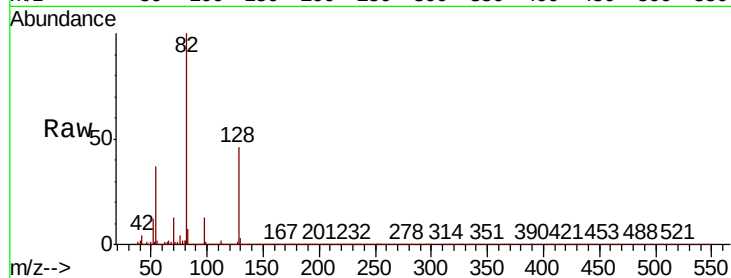




#23
Nitrobenzene-d5
Concen: 94.868 ng
RT: 8.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

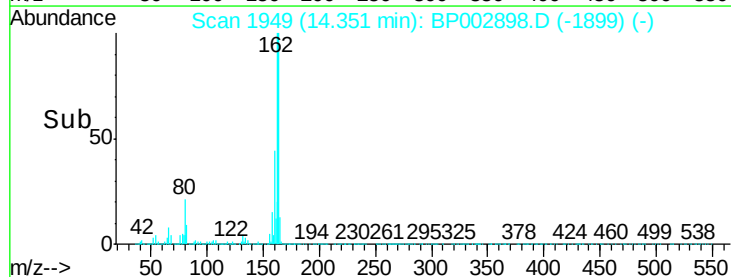
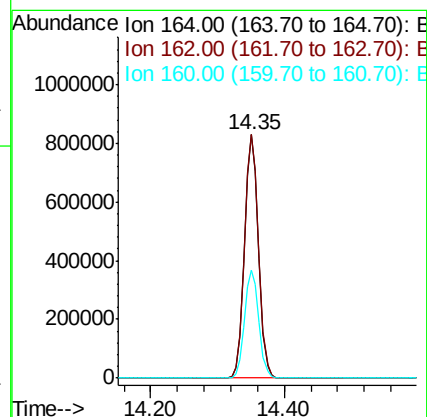
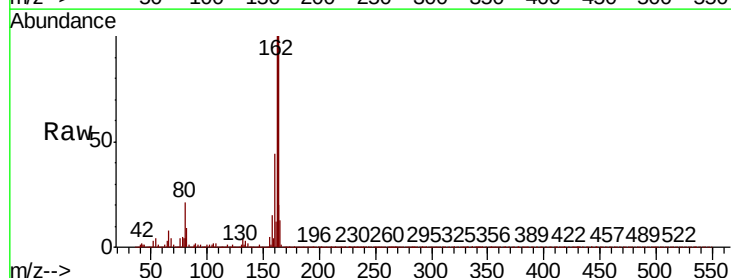
Instrument :
BNA_P
ClientSampled :
TP-8

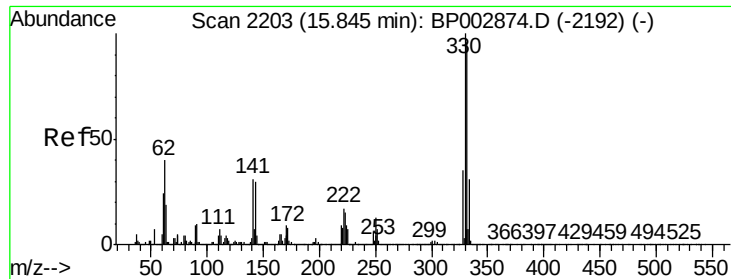
Tot Ion: 82 Resp: 3617961
Ion Ratio Lower Upper
82 100
128 45.6 34.6 52.0
54 36.9 29.5 44.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion: 164 Resp: 1206895
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.6
160 44.5 36.2 54.4

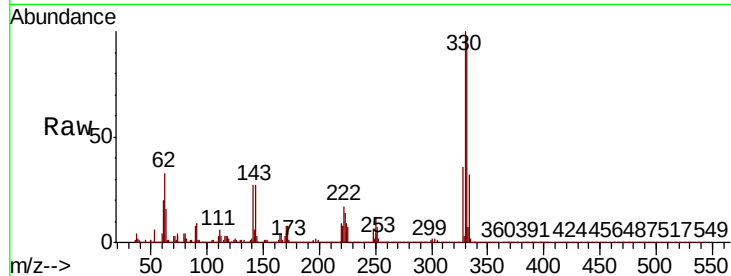




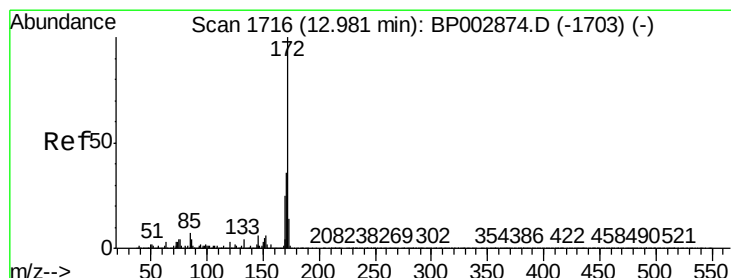
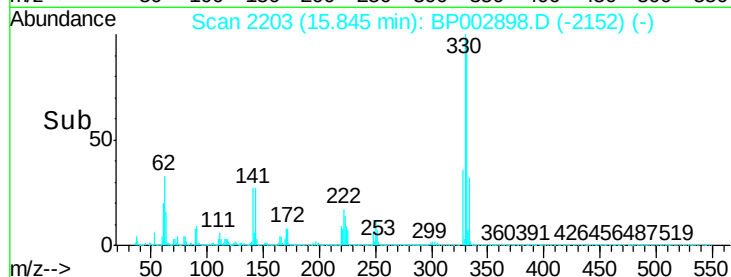
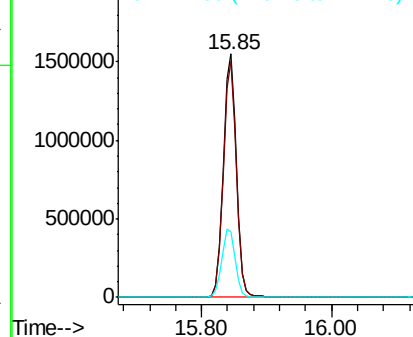
#42
2,4,6-Tribromophenol
Concen: 143.474 ng
RT: 15.85 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Instrument :
BNA_P
ClientSampleId :
TP-8

Tot Ion:330 Resp: 2152153
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.2 24.6 37.0

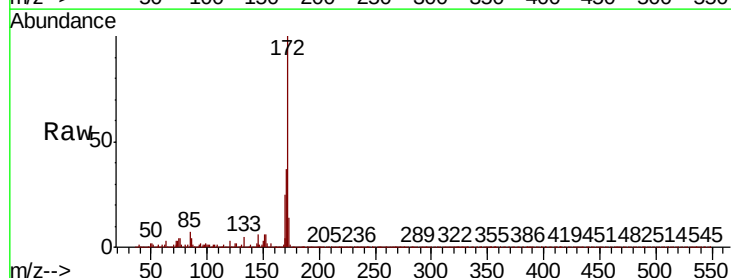


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

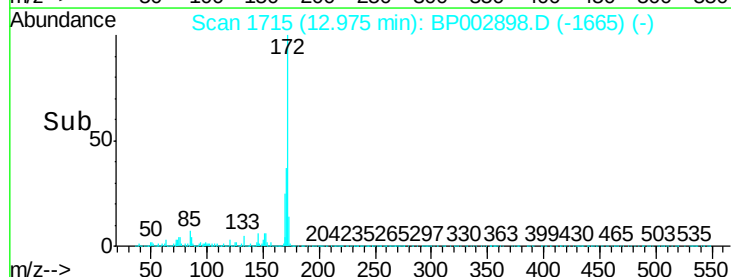
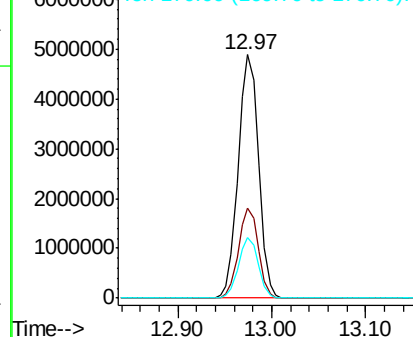


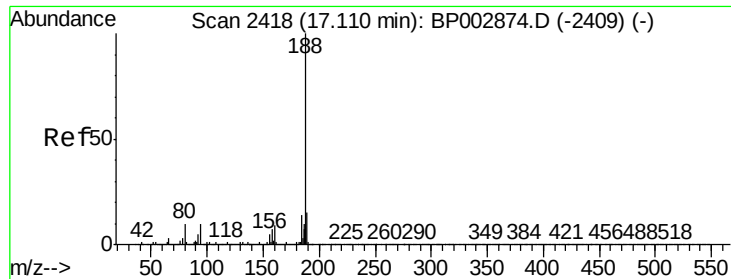
#45
2-Fluorobiphenyl
Concen: 83.223 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion:172 Resp: 7351365
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 25.0 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: BP002898.D

Acq: 31 Jul 2020 18:16

Instrument :

BNA_P

ClientSampled :

TP-8

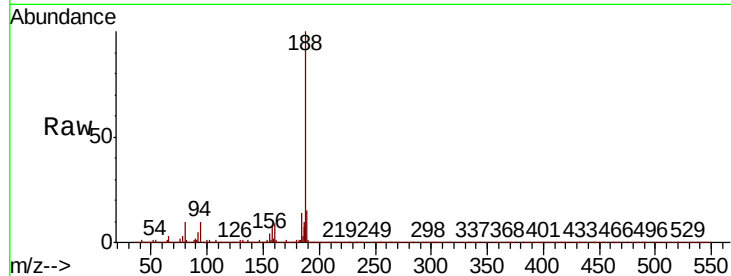
Tot Ion:188 Resp: 2488968

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

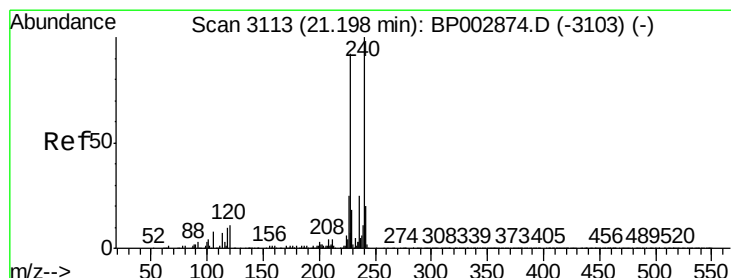
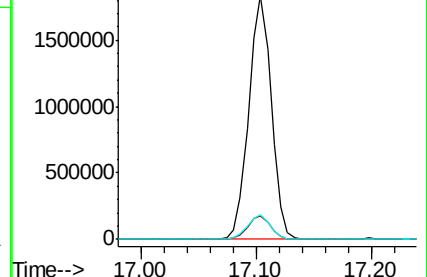
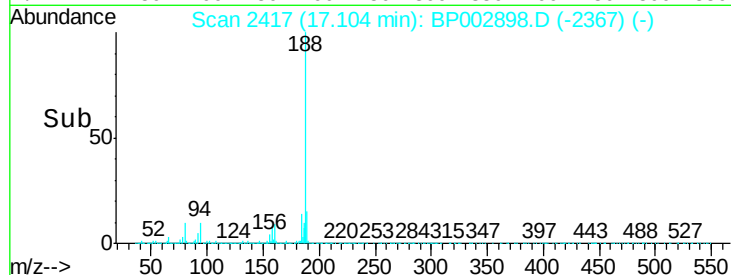
80 9.9 8.0 12.0



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: BP002898.D

Acq: 31 Jul 2020 18:16

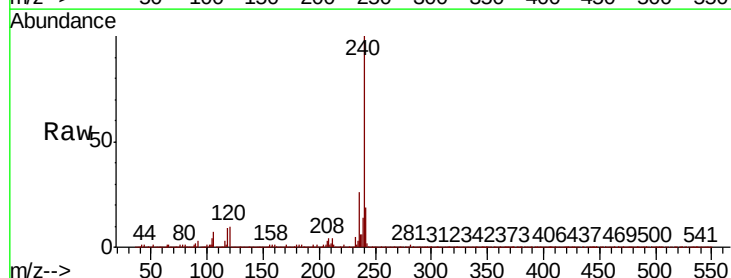
Tgt Ion:240 Resp: 2067051

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

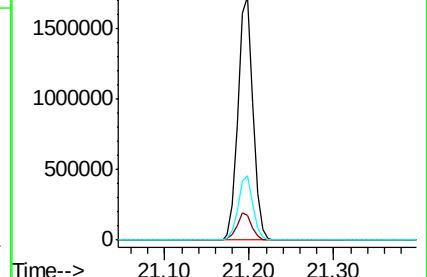
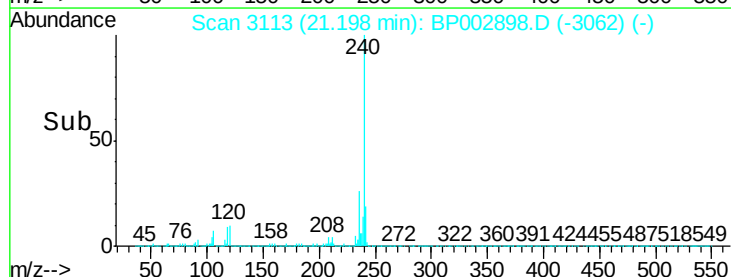
236 26.2 20.3 30.5

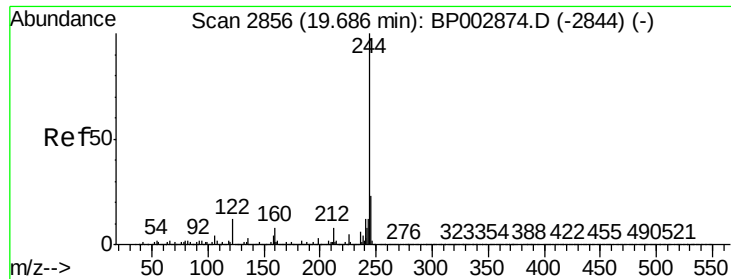


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.848 ng

RT: 19.69 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

Instrument :

BNA_P

ClientSampled :

TP-8

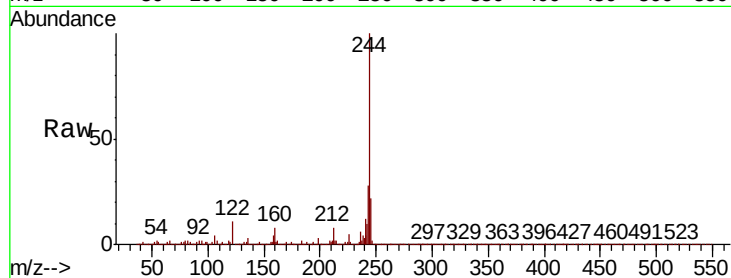
Tot Ion:244 Resp: 9689959

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

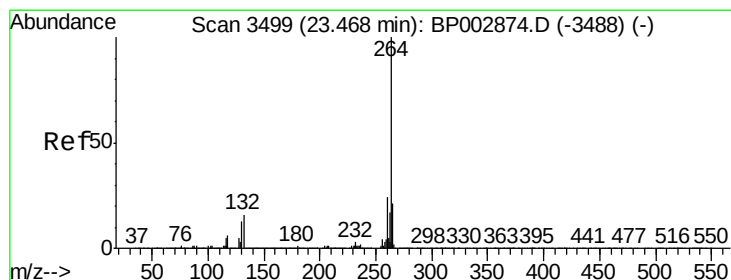
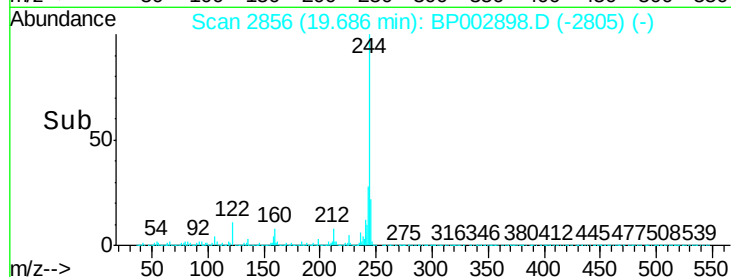
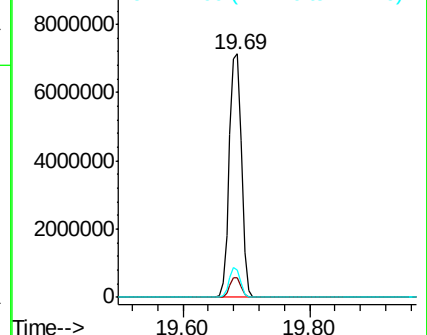
122 11.3 9.4 14.2



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: BP002898.D

Acq: 31 Jul 2020 18:16

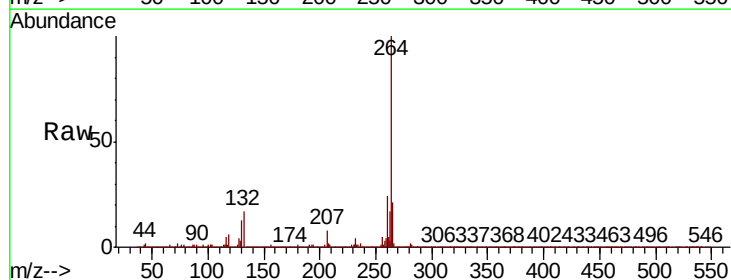
Tgt Ion:264 Resp: 1752822

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.2 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

