

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090320\
 Data File : BP003198.D
 Acq On : 03 Sep 2020 10:50
 Operator : CG/JU
 Sample : PB131369BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131369BL

Quant Time: Sep 03 12:04:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	218401	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	894158	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	568389	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1283402	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1534455	20.00	ng	0.00
86) Perylene-d12	23.39	264	1756855	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1424044	115.28	ng	0.00
7) Phenol-d6	6.84	99	1669548	107.82	ng	0.00
23) Nitrobenzene-d5	8.80	82	935931	75.46	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	939325	122.19	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2818249	72.61	ng	0.00
79) Terphenyl-d14	19.63	244	4606391	66.06	ng	0.01

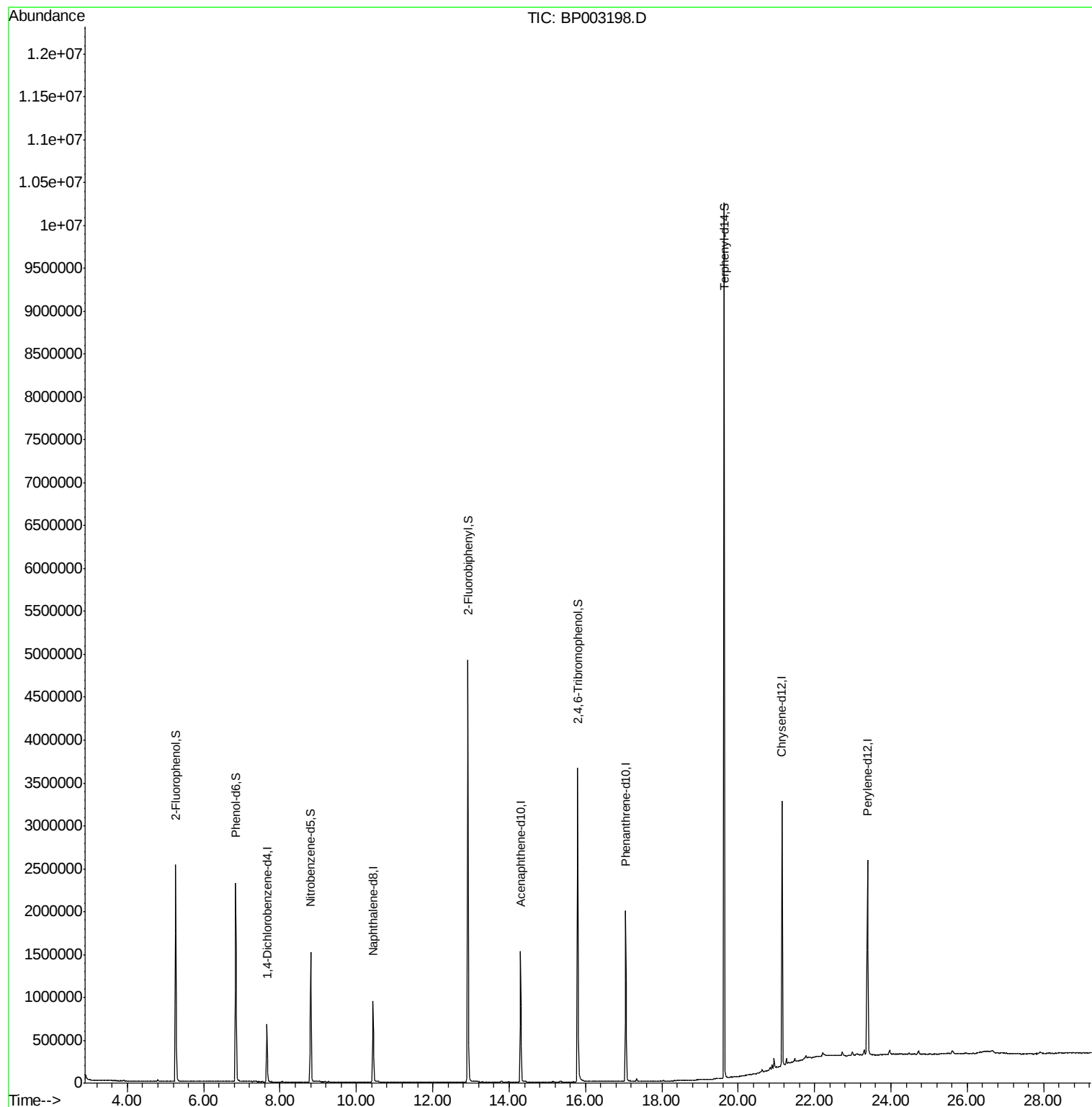
Target Compounds Qvalue

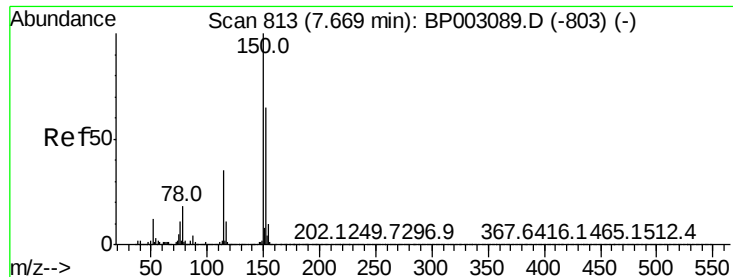
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 811

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Instrument :

BNA_P

ClientSampleId :

PB131369BL

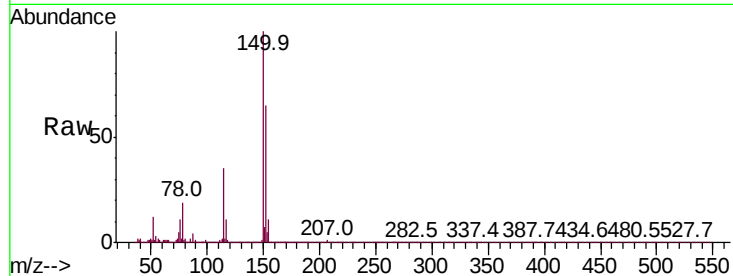
Tot Ion:152 Resp: 218401

Ion Ratio Lower Upper

152 100

150 153.5 123.8 185.6

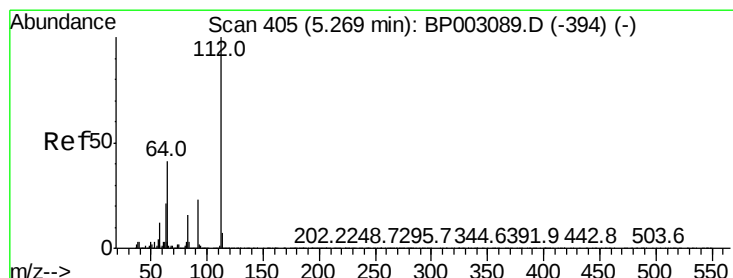
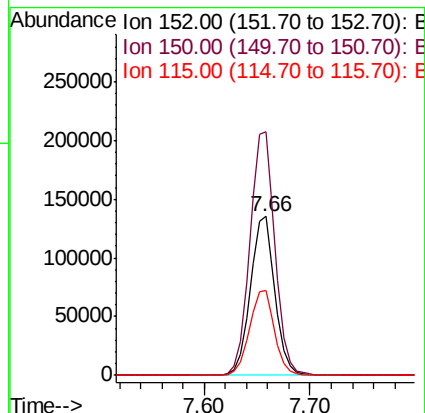
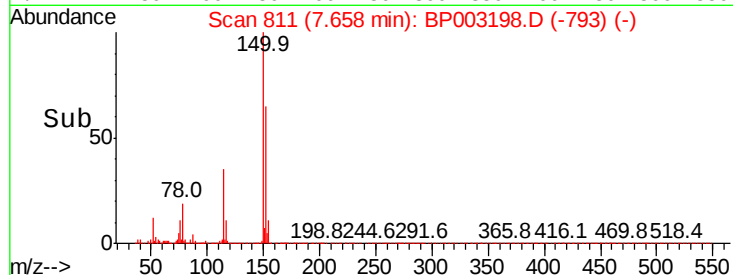
115 53.7 43.8 65.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 115.281 ng

RT: 5.27 min Scan# 405

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

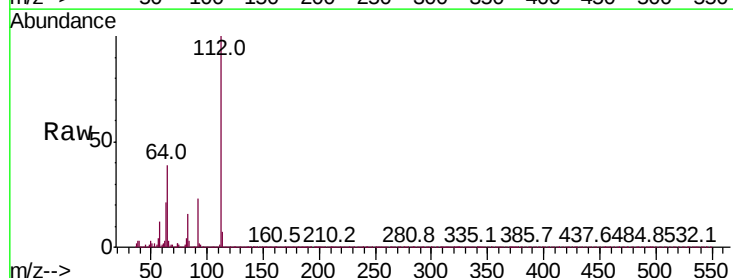
Tgt Ion:112 Resp: 1424044

Ion Ratio Lower Upper

112 100

64 39.5 32.8 49.2

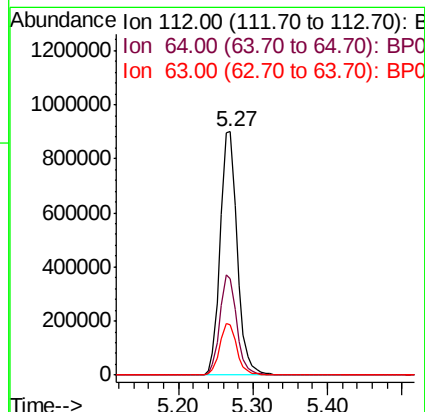
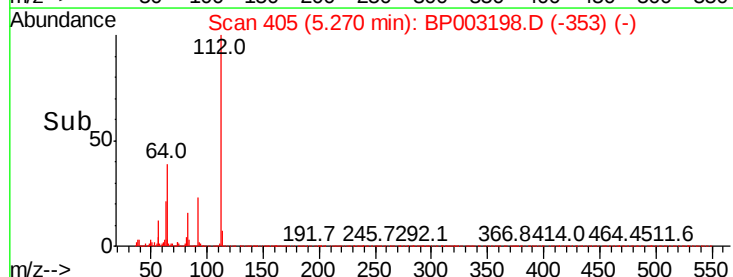
63 20.9 17.0 25.4

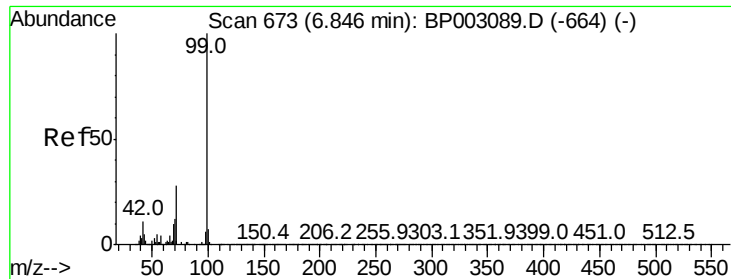


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 107.816 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Instrument :

BNA_P

ClientSampleId :

PB131369BL

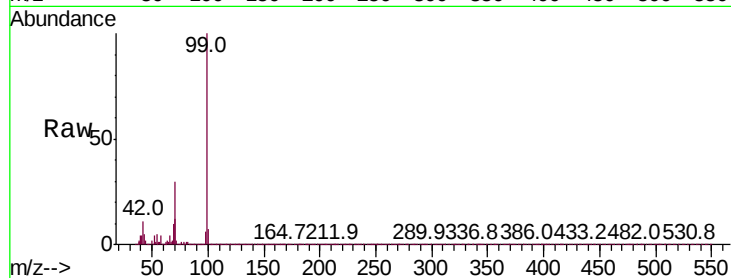
Tot Ion: 99 Resp: 1669548

Ion Ratio Lower Upper

99 100

42 10.9 8.6 13.0

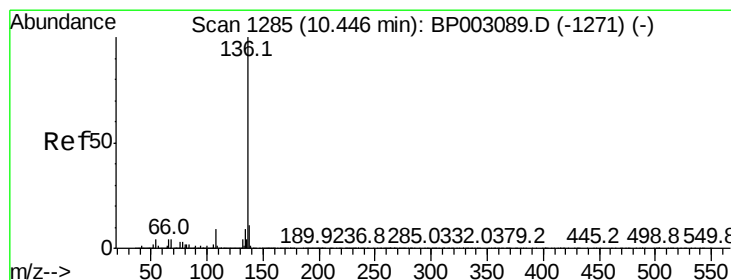
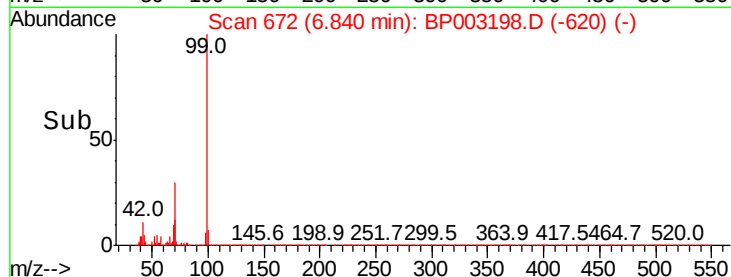
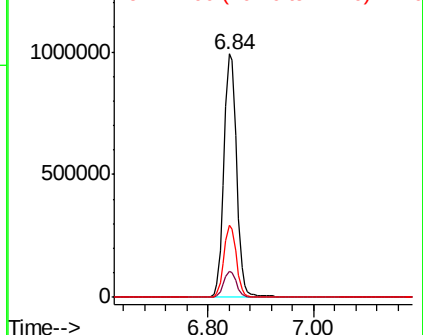
71 29.6 23.4 35.2



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: 10.43 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Tgt Ion: 136 Resp: 894158

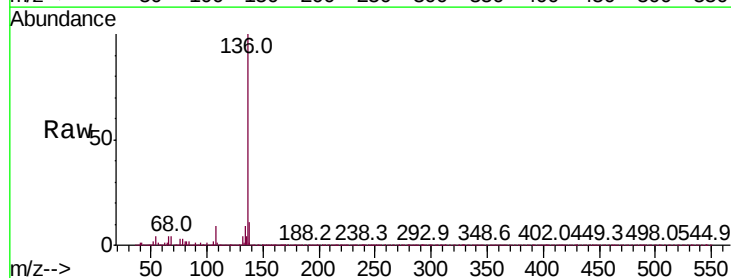
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 4.4 3.6 5.4

68 4.2 3.3 4.9

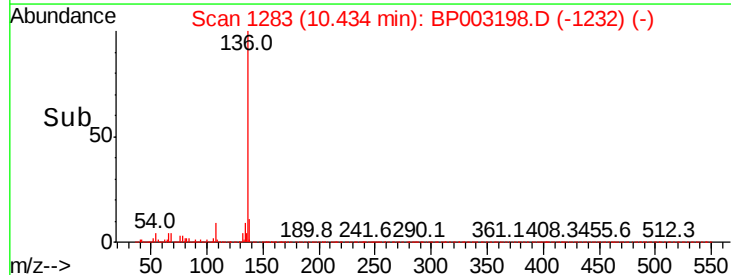
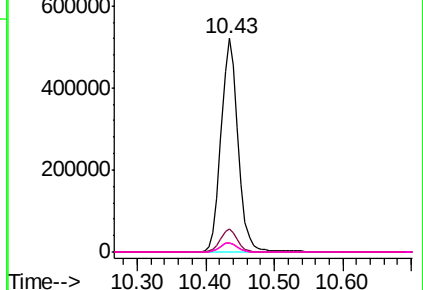


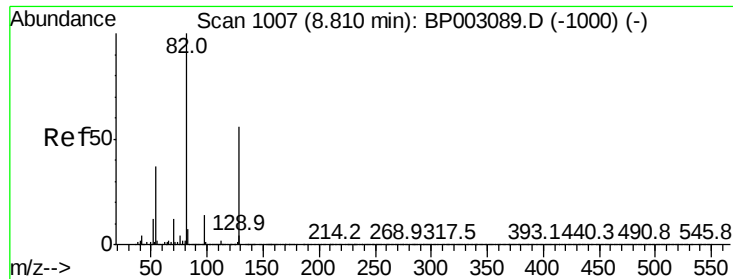
Abundance Ion 136.00 (135.70 to 136.70): E

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

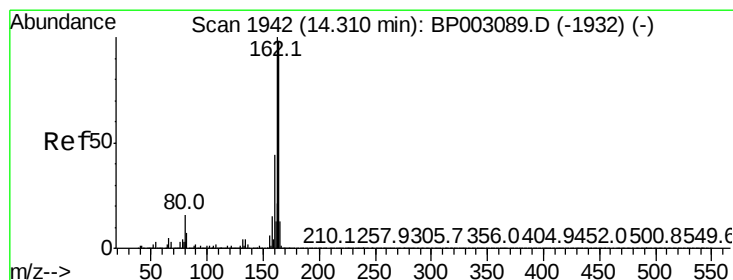
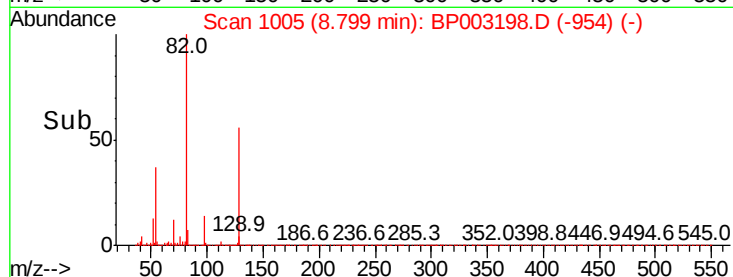
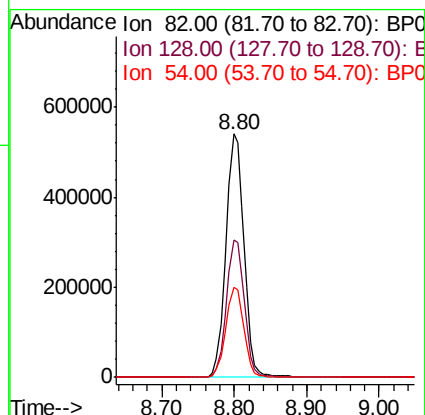
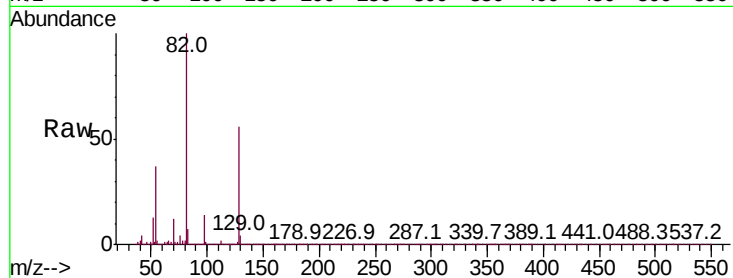




#23
 Nitrobenzene-d5
 Concen: 75.459 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BP003198.D
 Acq: 03 Sep 2020 10:50

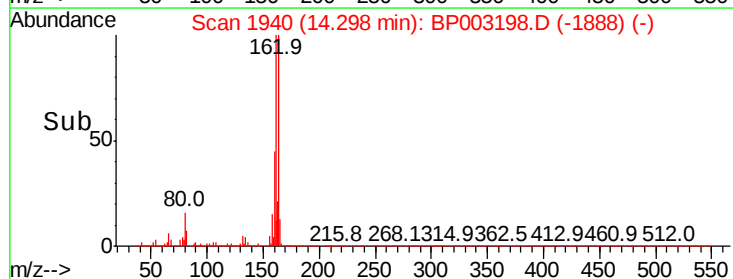
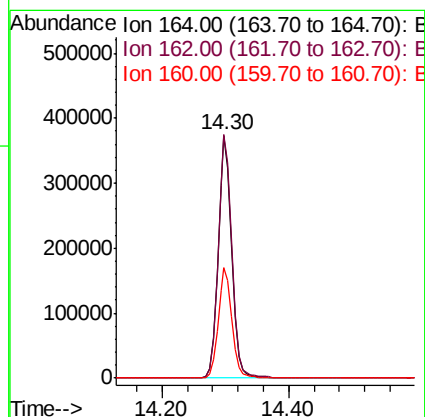
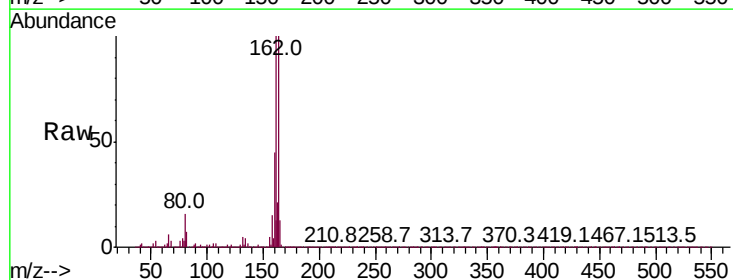
Instrument :
 BNA_P
 ClientSampleId :
 PB131369BL

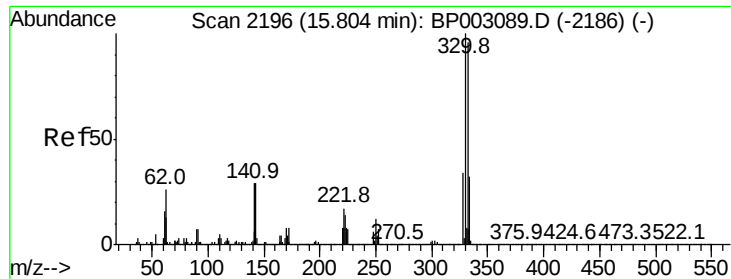
Tot Ion	Ratio	Lower	Upper
82	100		
128	56.4	45.6	68.4
54	36.9	30.1	45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1940
 Delta R.T. 0.01 min
 Lab File: BP003198.D
 Acq: 03 Sep 2020 10:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.2
160	45.5	36.1	54.1

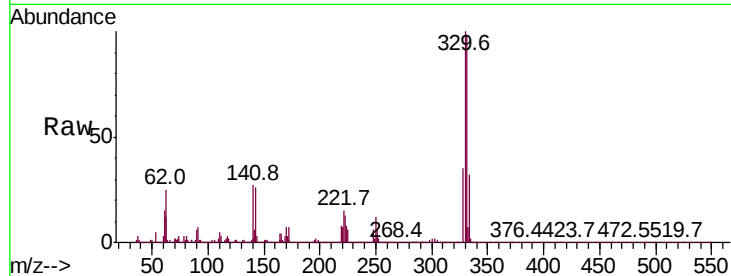




#42
 2,4,6-Tribromophenol
 Concen: 122.192 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BP003198.D
 Acq: 03 Sep 2020 10:50

Instrument :
 BNA_P
 ClientSampleId :
 PB131369BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.0	23.4	35.2

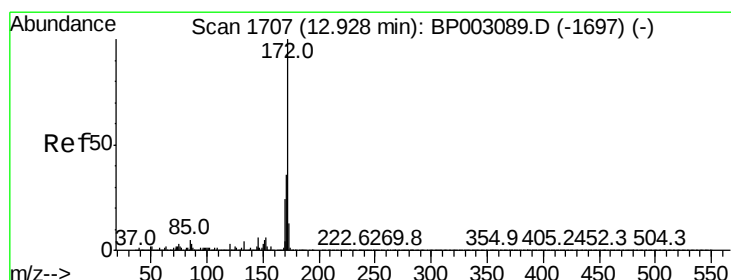
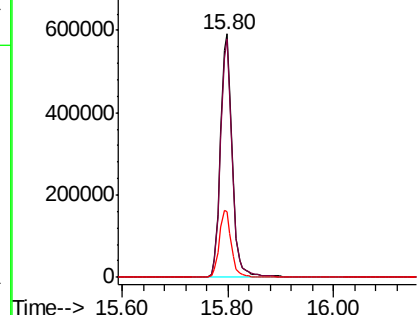
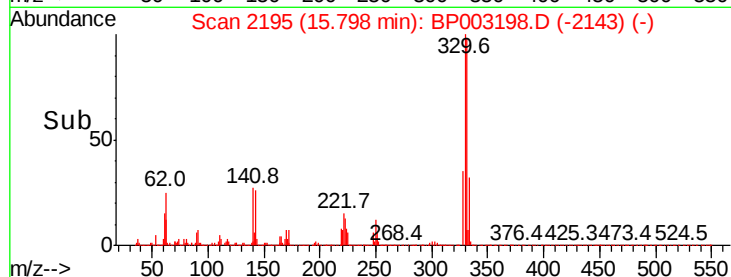


Abundance

Ion 329.80 (329.50 to 330.50): E

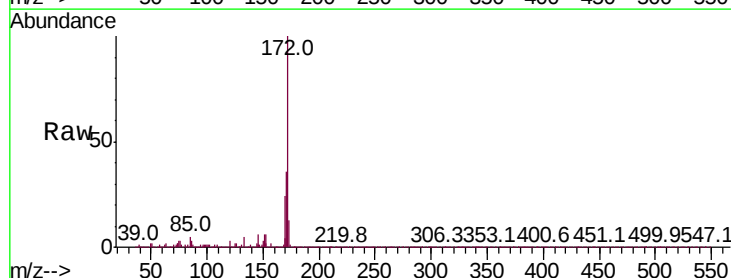
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.612 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BP003198.D
 Acq: 03 Sep 2020 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	19.2	28.8

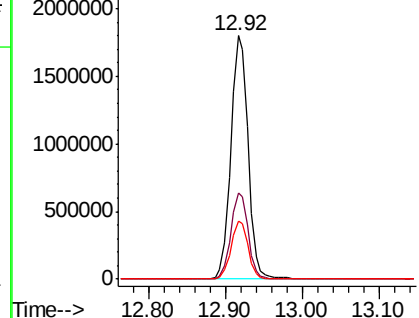
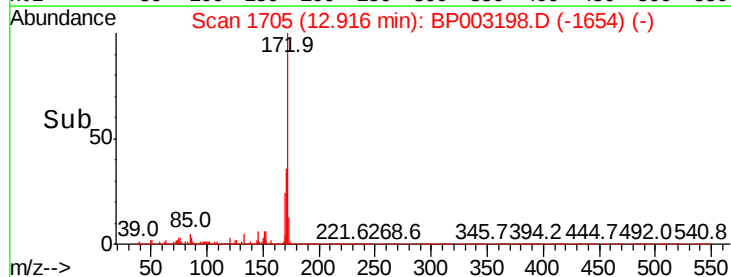


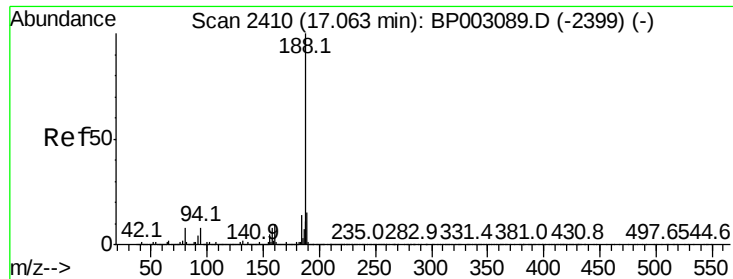
Abundance

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: 17.05 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Instrument :

BNA_P

ClientSampleId :

PB131369BL

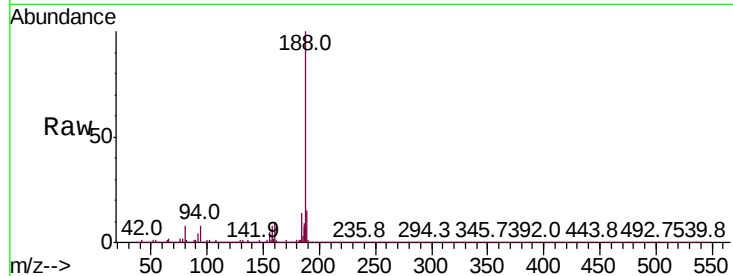
Tot Ion:188 Resp: 1283402

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.2

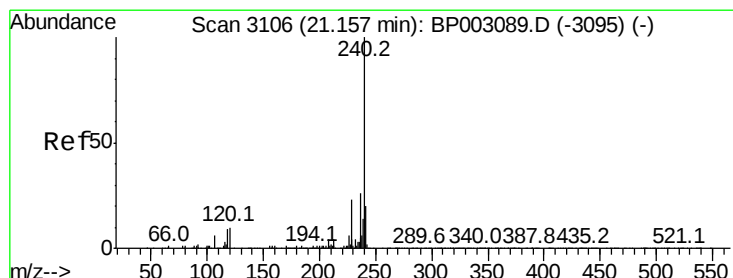
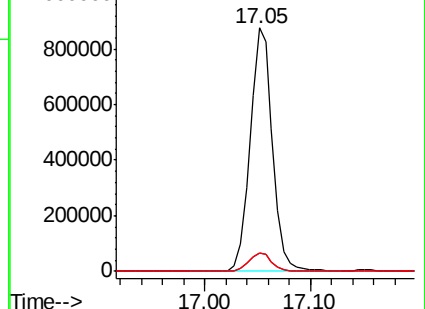
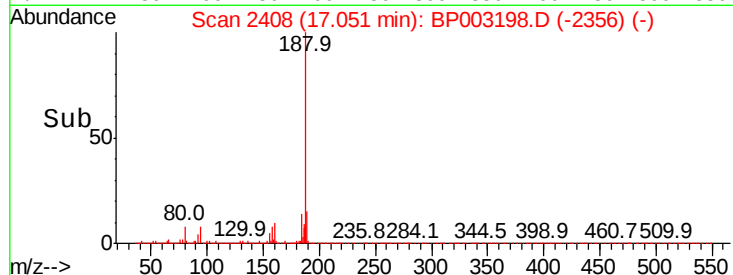
80 7.6 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

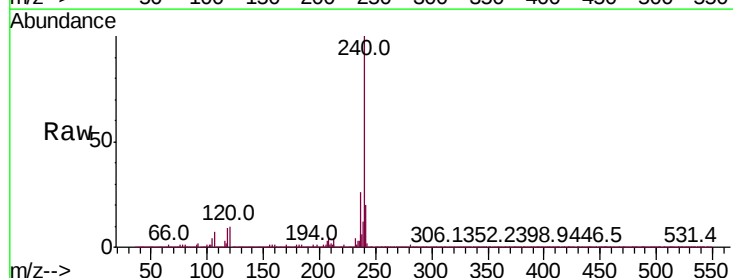
Tgt Ion:240 Resp: 1534455

Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.6

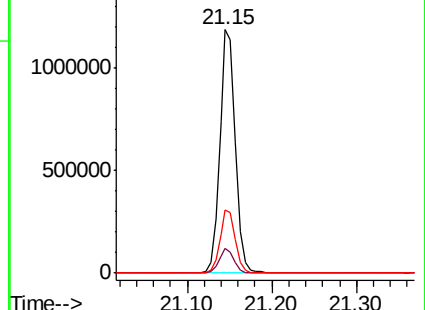
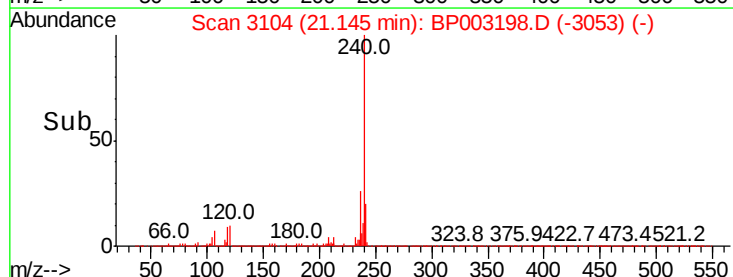
236 25.7 20.8 31.2

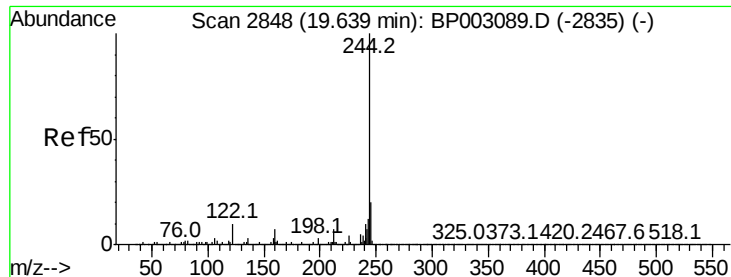


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.056 ng

RT: 19.63 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Instrument :

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ClientSampleId :

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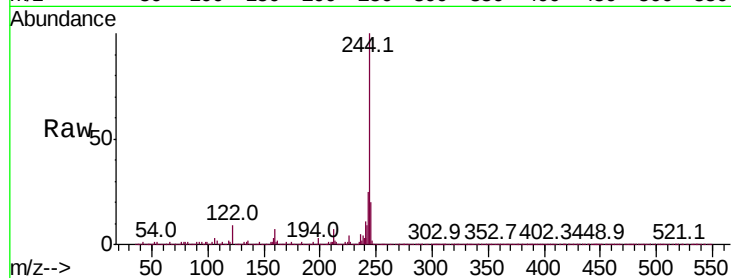
Tot Ion:244 Resp: 4606391

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

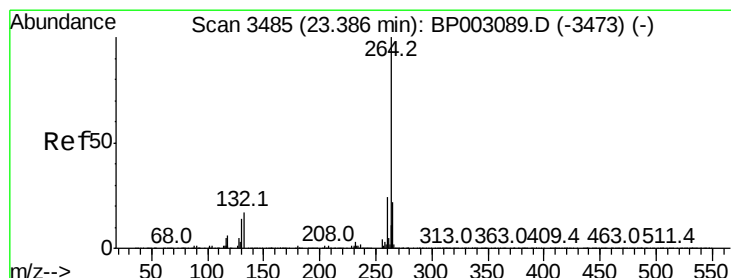
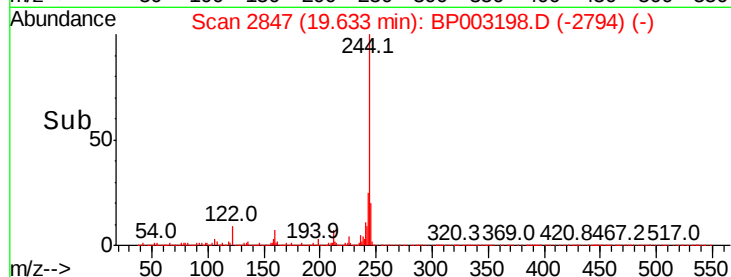
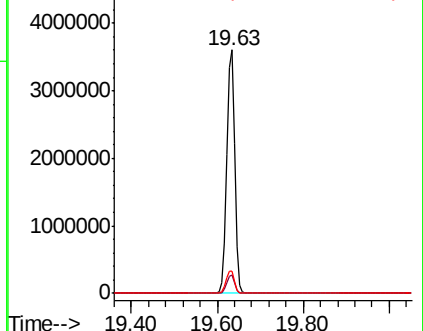
122 9.1 7.8 11.8



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: 23.39 min Scan# 3485

Delta R.T. 0.02 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

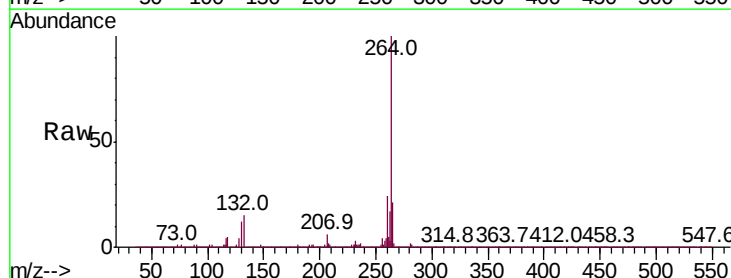
Tgt Ion:264 Resp: 1756855

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.2 17.4 26.2



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

