

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 :
 DFTPP

Quant Time: Sep 03 11:28:53 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

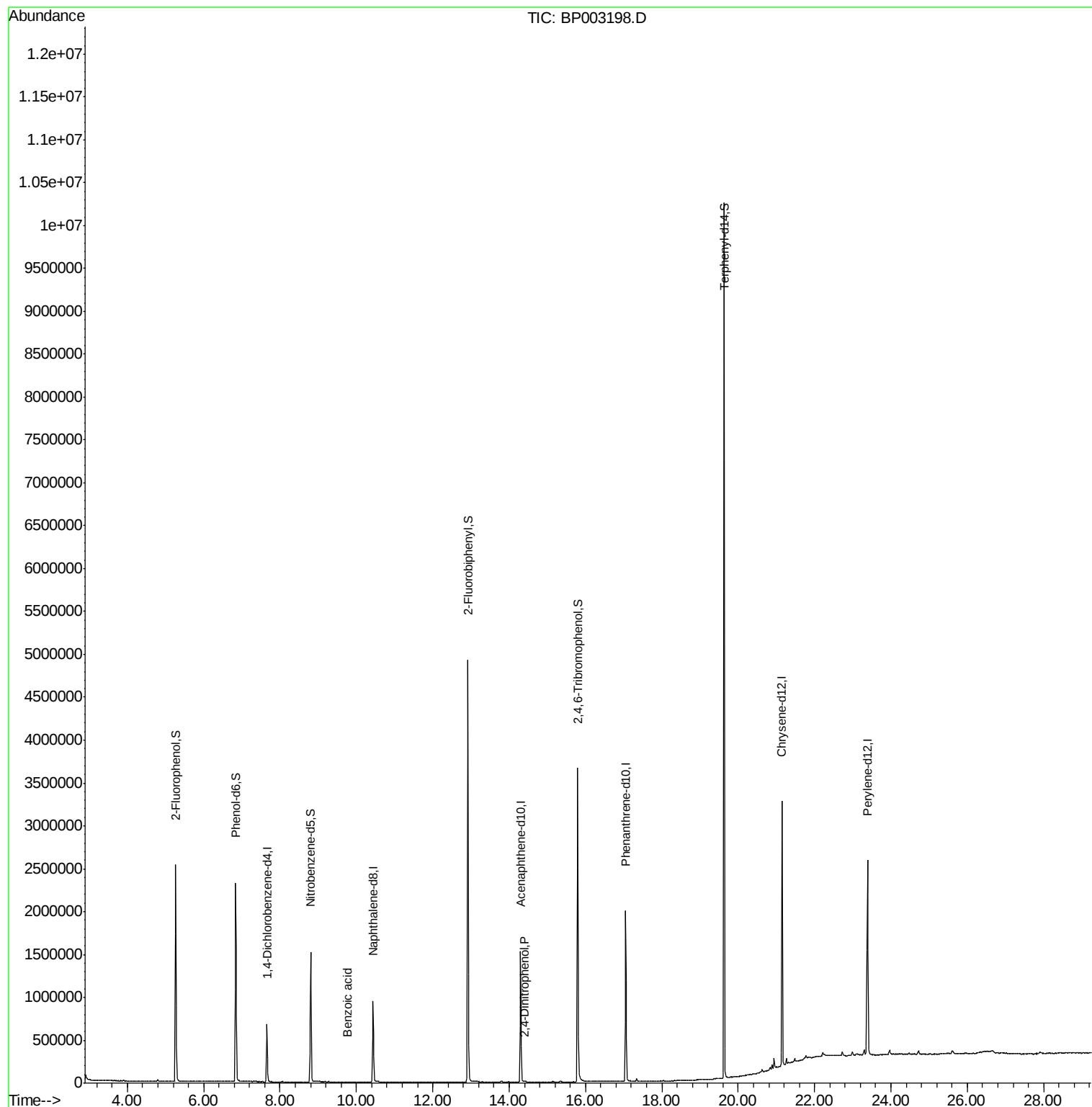
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	218401	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	894158	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	568389	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1283402	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1534455	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						
32) Benzoic acid	9.78	122	15	8.998	ng	# 1
54) 2,4-Dinitrophenol	14.40	184	27	7.760	ng	# 47

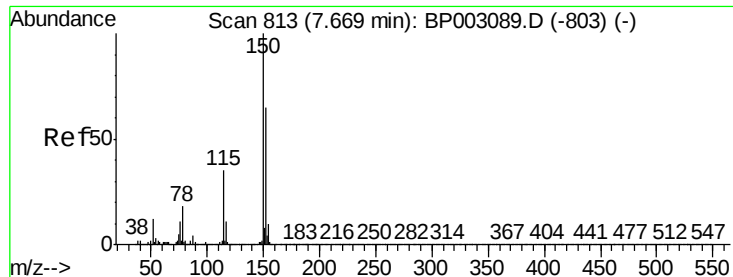
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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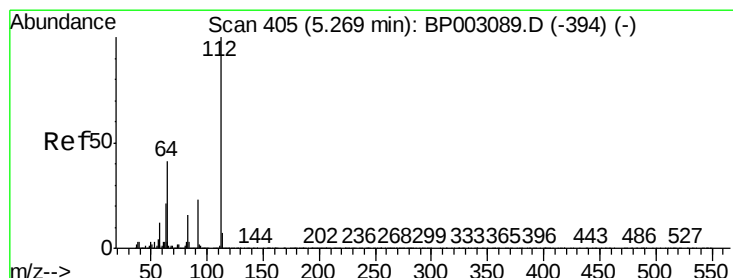
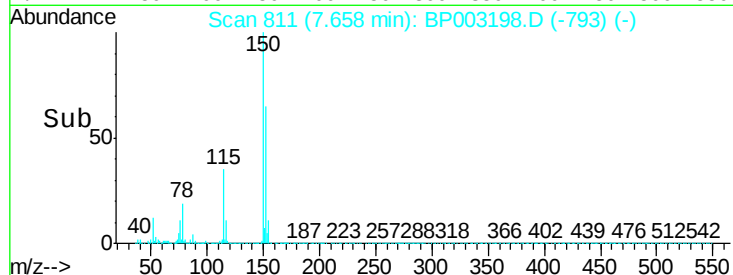
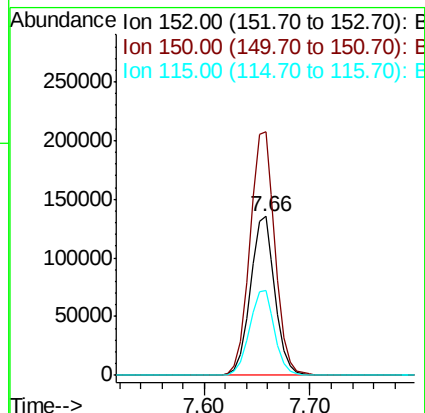
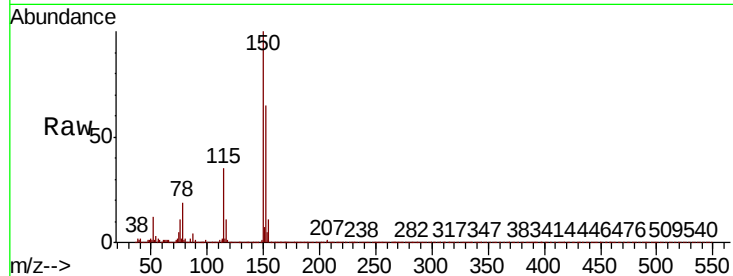


#1

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
ClientSampled :
DFTPP

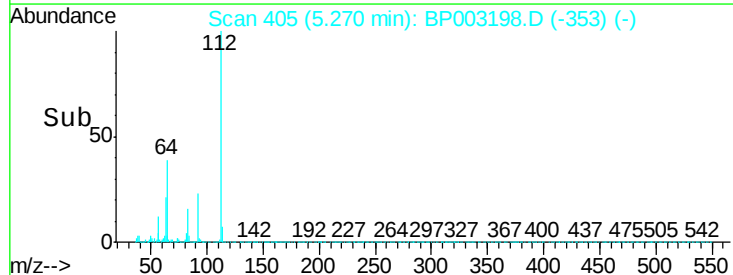
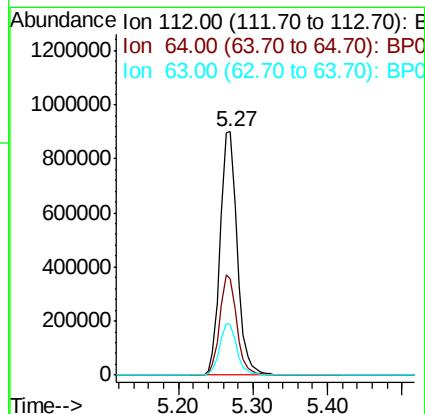
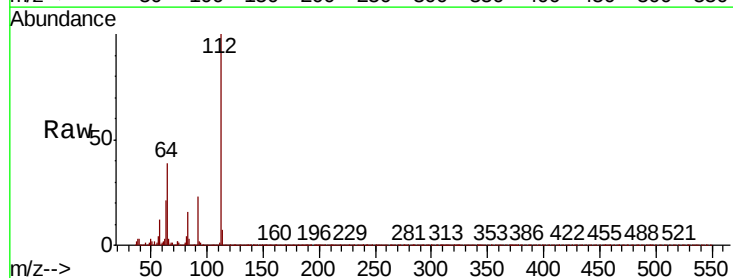
Tot Ion:152 Resp: 218401
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 53.7 43.8 65.6

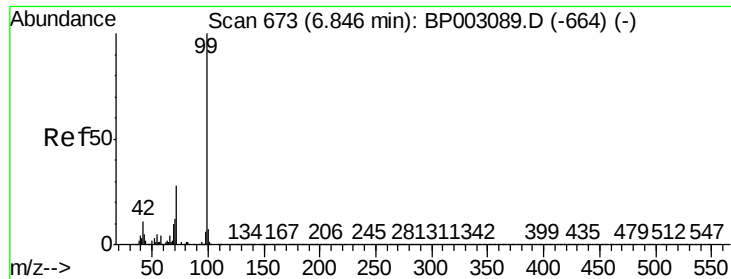


#5

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





#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 :

DFTPP

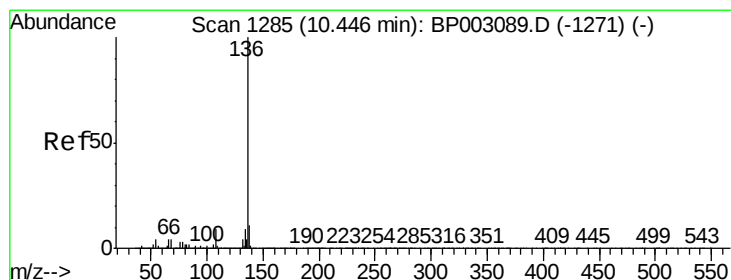
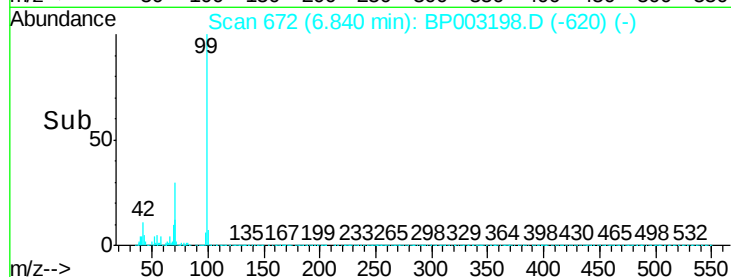
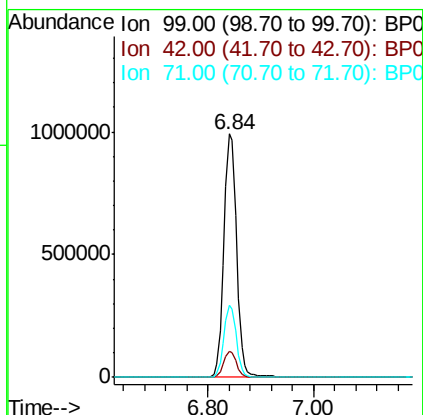
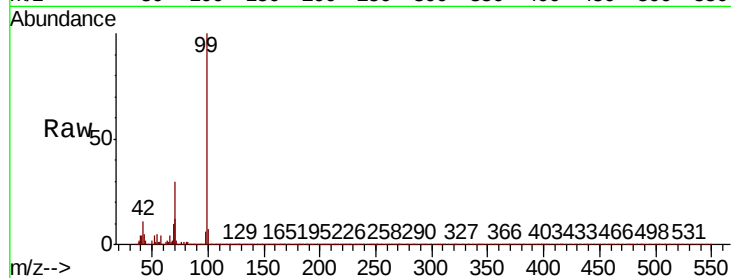
Tot Ion: 99 Resp: 1669548

Ion Ratio Lower Upper

99 100

42 10.9 8.6 13.0

71 29.6 23.4 35.2



#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

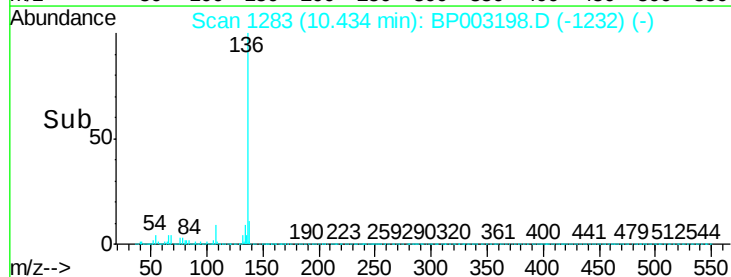
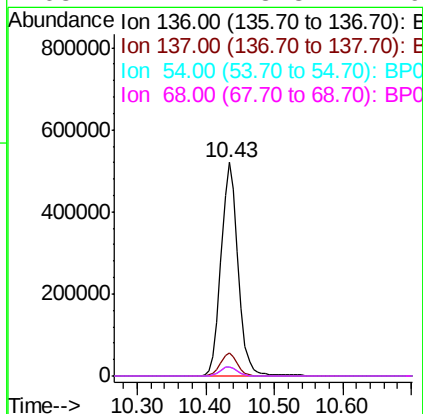
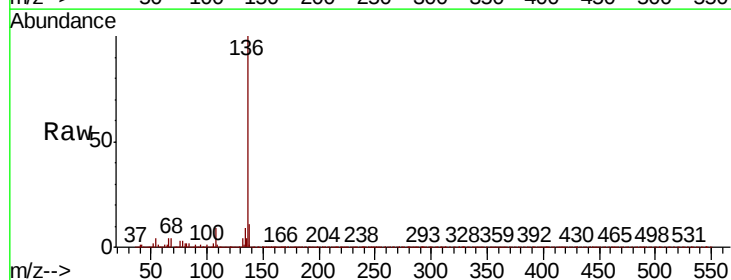
Ion Ratio Lower Upper

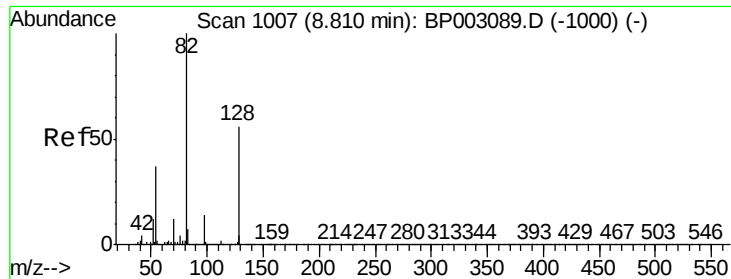
136 100

137 10.8 8.6 13.0

54 4.4 3.6 5.4

68 4.2 3.3 4.9

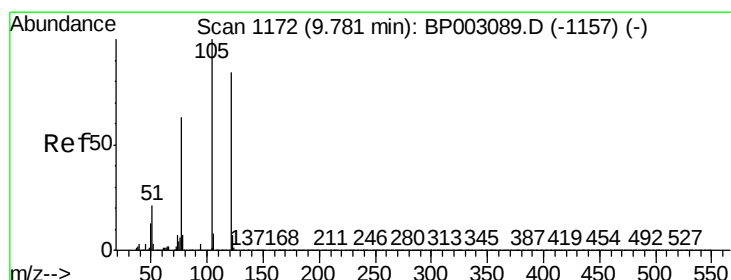
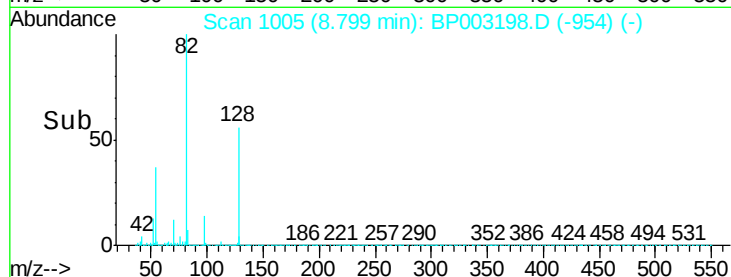
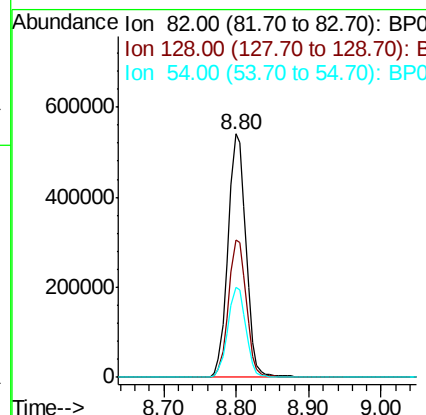
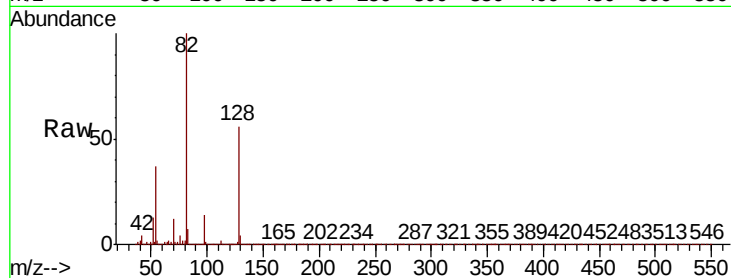




#23
Nitrobenzene-d5
Concen: 75.459 ng
RT: 8.80 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

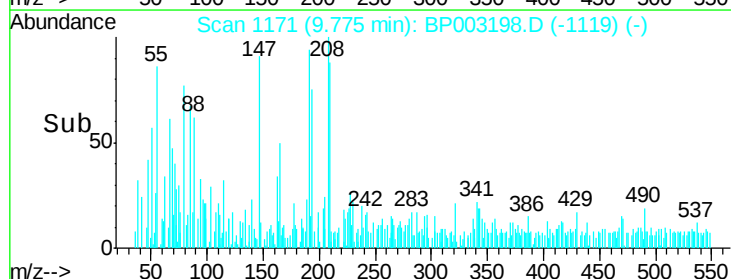
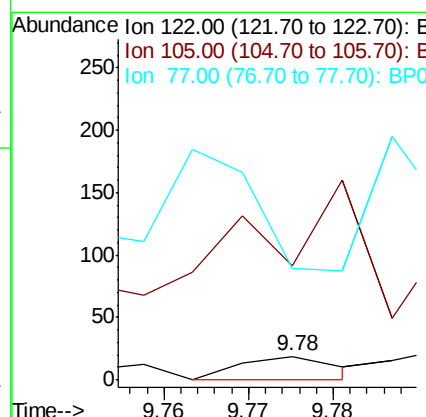
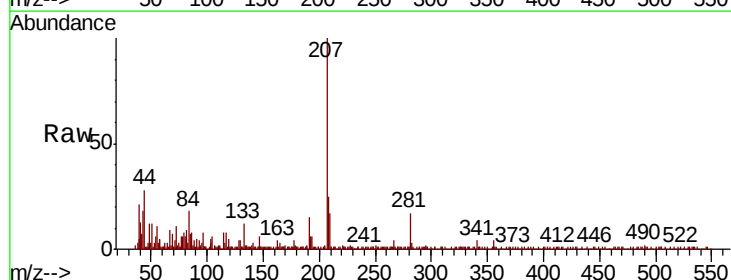
Instrument :
BNA_P
ClientSampleId :
DFTPP

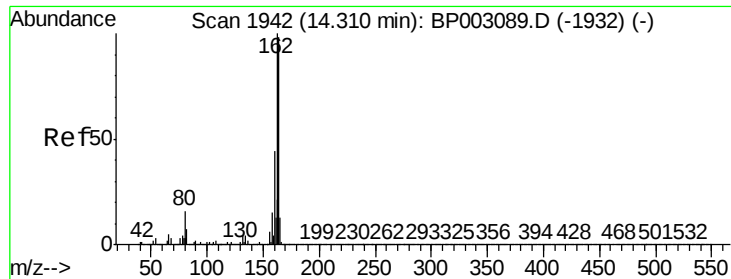
Tot Ion	82	Resp	935931
Ion Ratio	100	Lower	Upper
128	56.4	45.6	68.4
54	36.9	30.1	45.1



#32
Benzoic acid
Concen: 8.998 ng
RT: 9.78 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

Tgt Ion	122	Resp	15
Ion Ratio	100	Lower	Upper
105	478.9	94.1	134.1#
77	468.4	50.1	90.1#

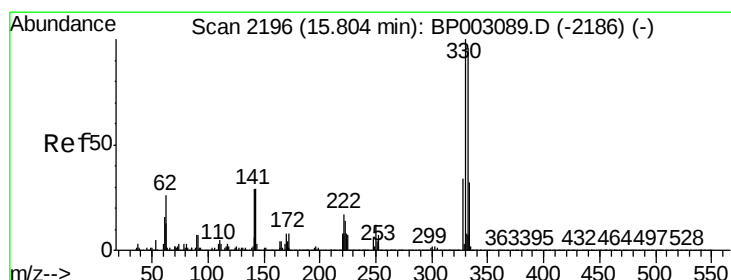
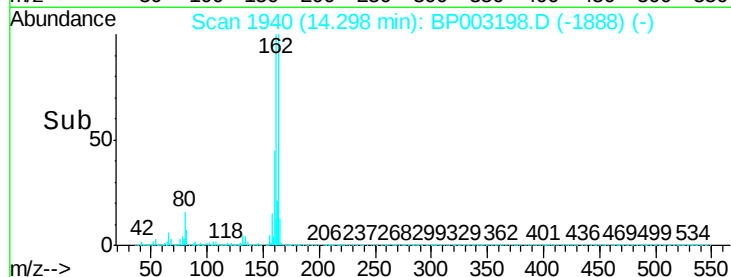
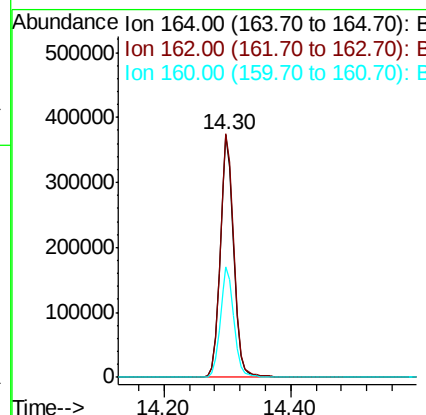
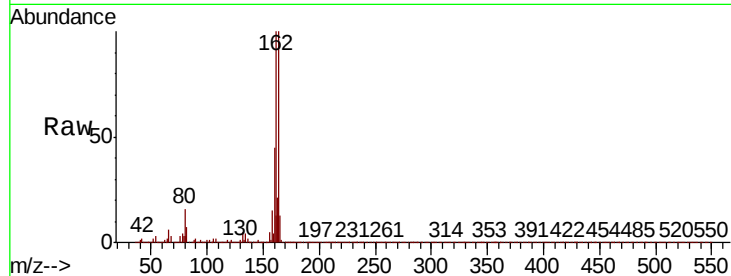




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

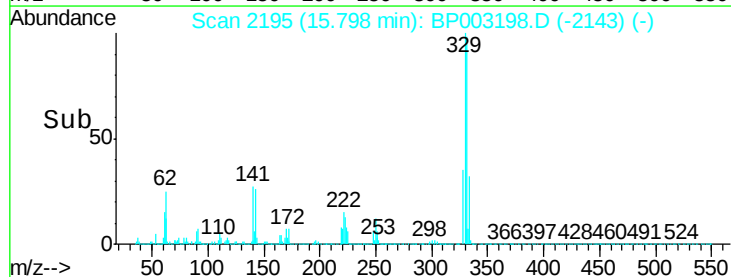
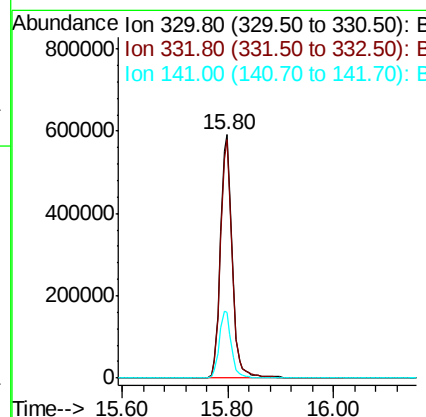
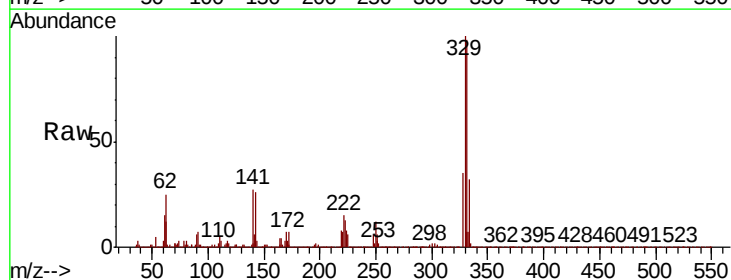
Instrument :
BNA_P
ClientSampleId :
DFTPP

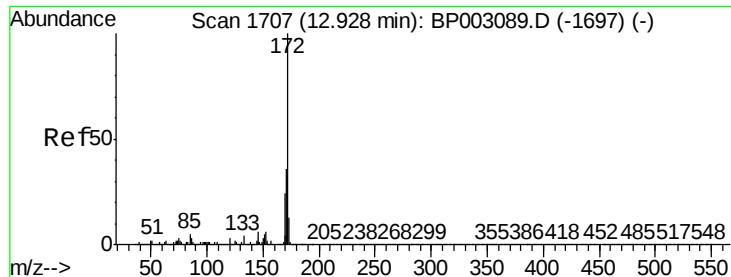
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.2
160	45.5	36.1	54.1



#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

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

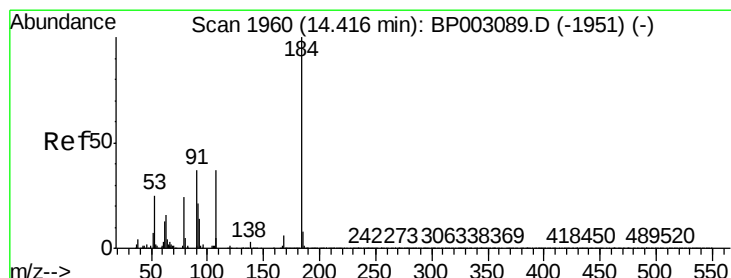
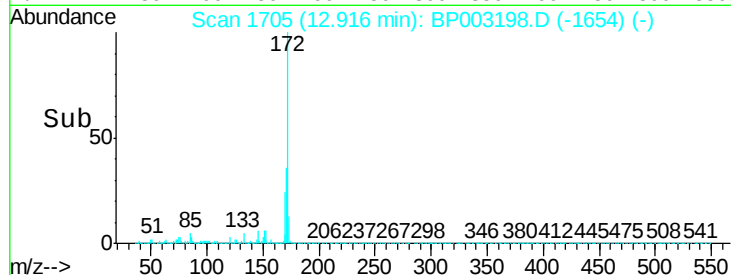
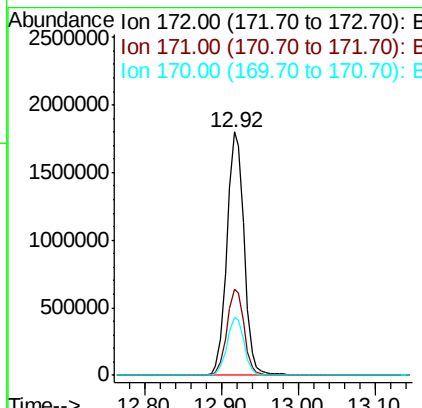
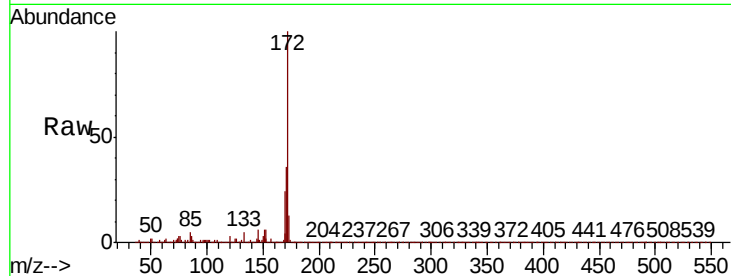




#45
2-Fluorobiphenyl
Concen: 72.612 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

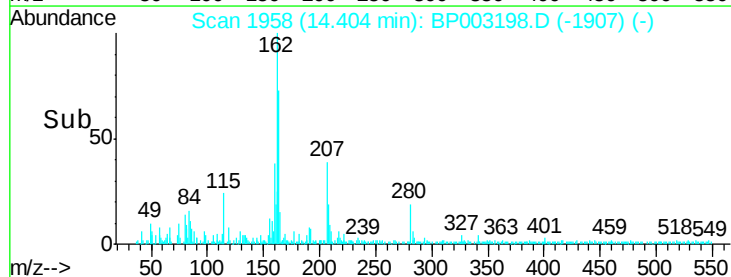
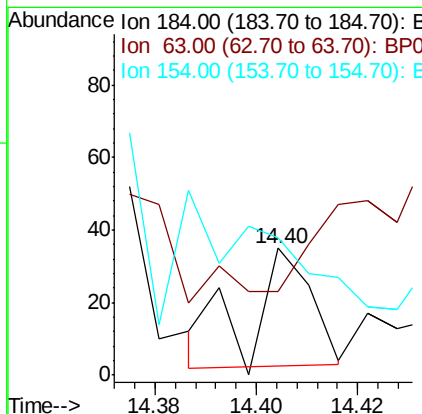
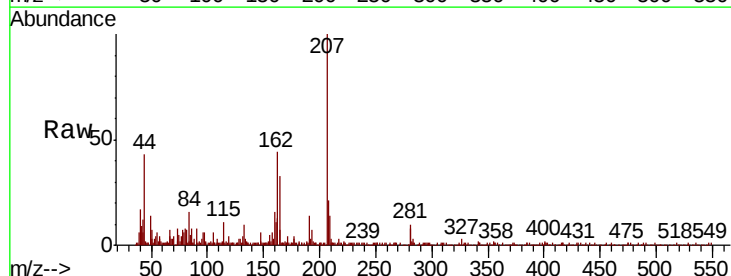
Instrument :
BNA_P
ClientSampleId :
DFTPP

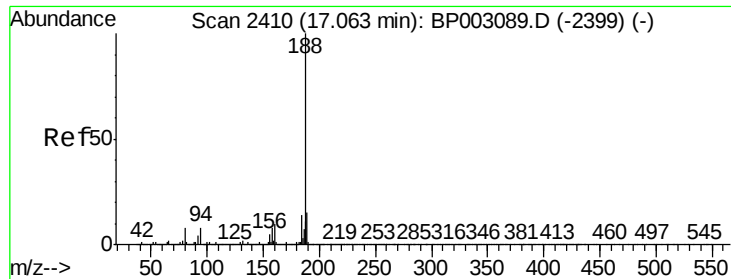
Tot Ion:172 Resp: 2818249
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.7 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.760 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 65.7 32.3 48.5#
154 108.6 49.1 73.7#





#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 :

DFTPP

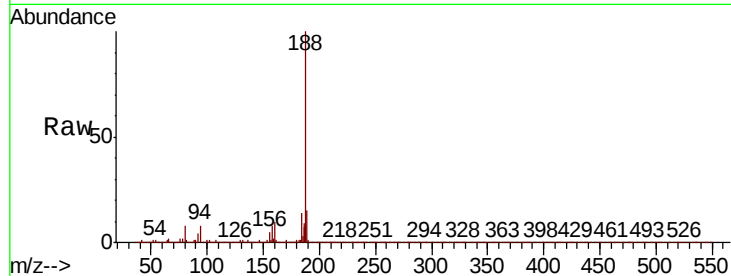
Tot Ion:188 Resp: 1283402

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

1200000

1000000

800000

600000

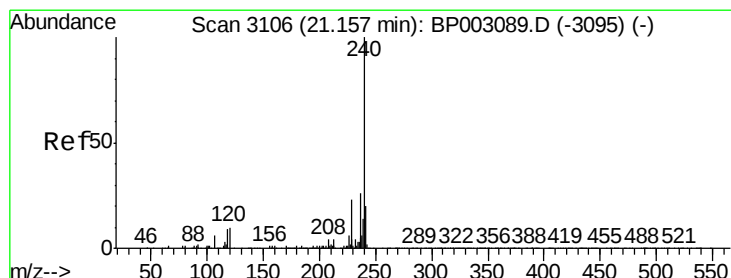
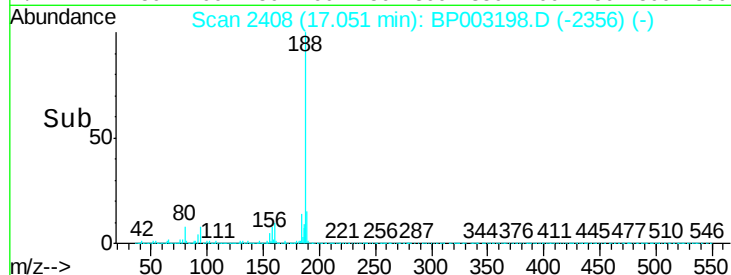
400000

200000

0

17.05

Time-->



#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

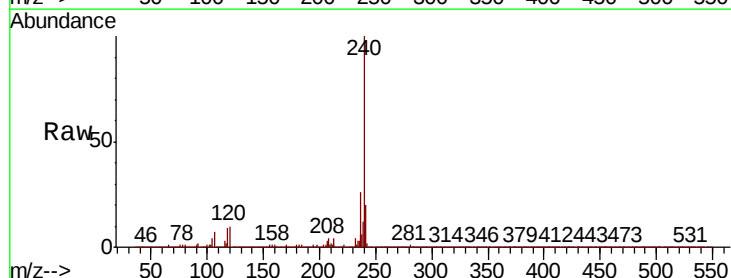
Tgt Ion:240 Resp: 1534455

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

1500000

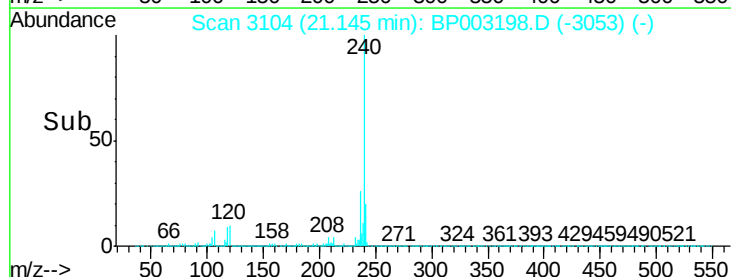
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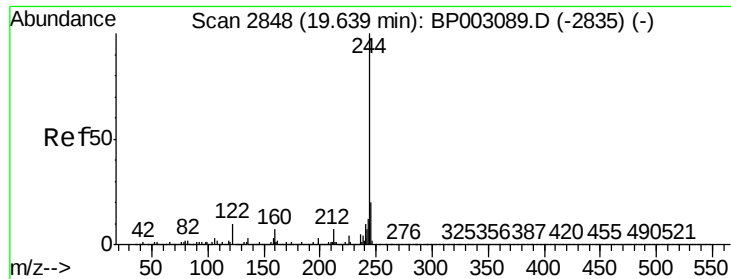
500000

0

21.15

Time-->





#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 :

BNA_P

ClientSampleId :

DFTPP

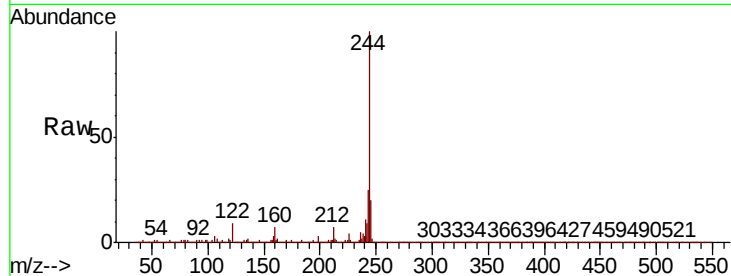
Tot Ion:244 Resp: 4606391

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

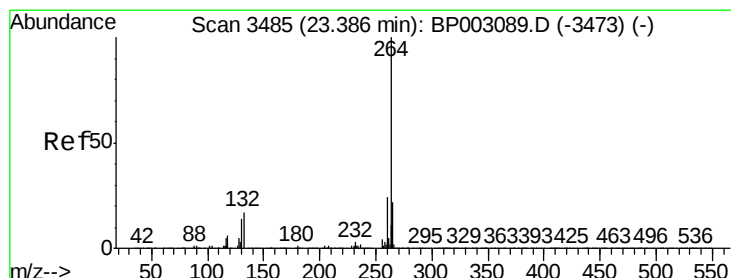
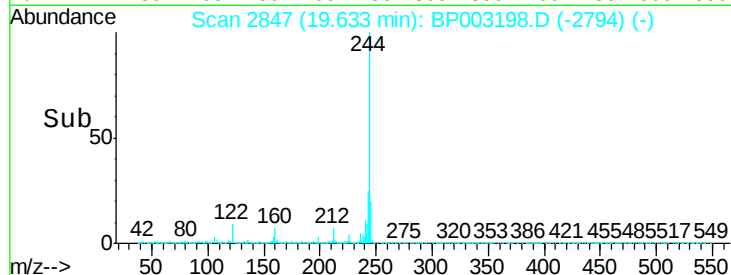
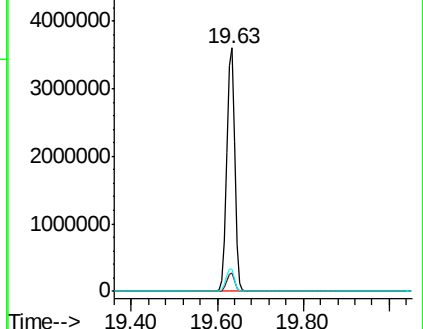
122 9.1 7.8 11.8



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

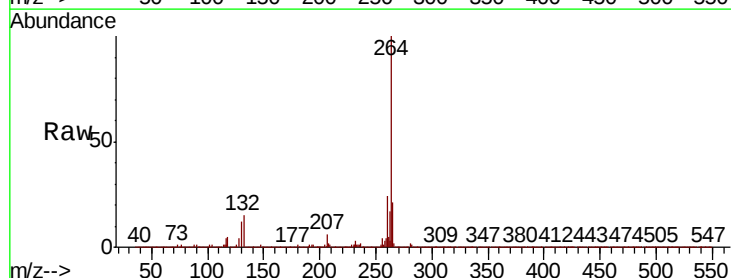
Tgt Ion:264 Resp: 1756855

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

