

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
 Data File : BP003191.D
 Acq On : 02 Sep 2020 17:37
 Operator : CG/JU
 Sample : L3824-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P-3

Quant Time: Sep 02 18:14:57 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

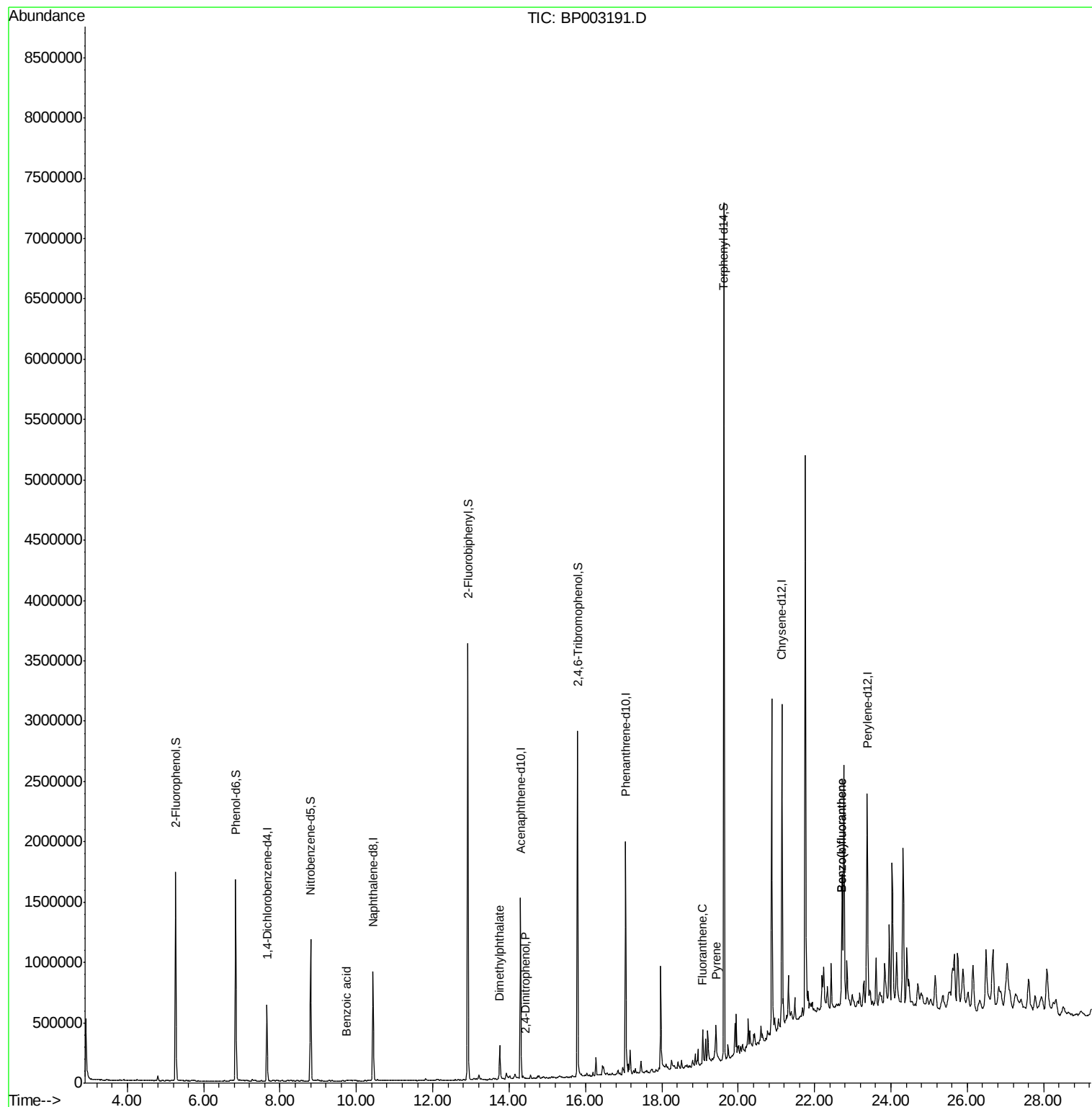
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	194417	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	825752	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	527573	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1195374	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1249963	20.00	ng	0.00
86) Perylene-d12	23.38	264	1280628	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	922648	83.91	ng	0.00
7) Phenol-d6	6.84	99	1135471	82.37	ng	0.00
23) Nitrobenzene-d5	8.80	82	681076	59.46	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	632405	88.63	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2017208	55.99	ng	0.00
79) Terphenyl-d14	19.63	244	3112891	54.80	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	1218	9.124	ng	Qvalue # 86
50) Dimethylphthalate	13.76	163	205481	5.107	ng	99
54) 2,4-Dinitrophenol	14.43	184	48	7.765	ng	# 1
75) Fluoranthene	19.07	202	160635	2.146	ng	99
78) Pyrene	19.42	202	164448	2.027	ng	99
88) Benzo(b)fluoranthene	22.70	252	235291	2.956	ng	# 90
89) Benzo(k)fluoranthene	22.70	252	235291	3.094	ng	# 91

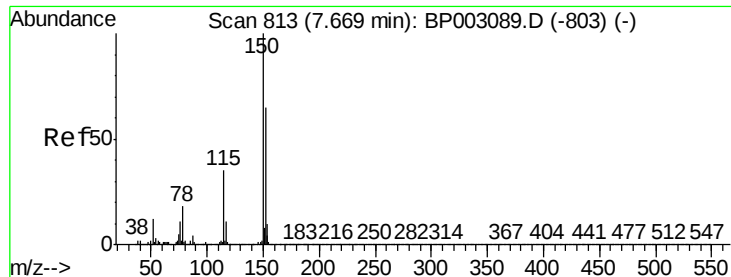
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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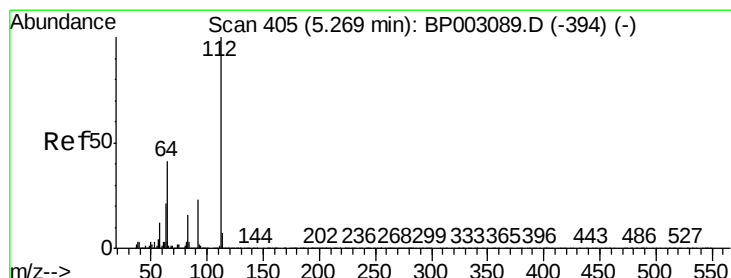
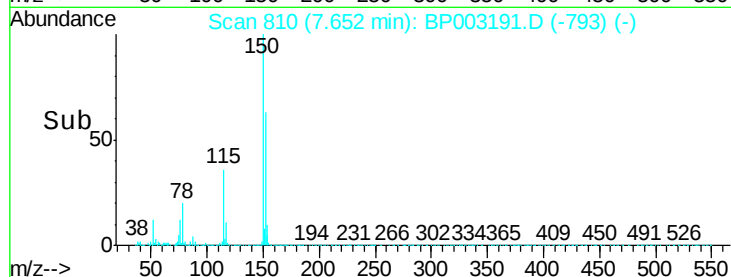
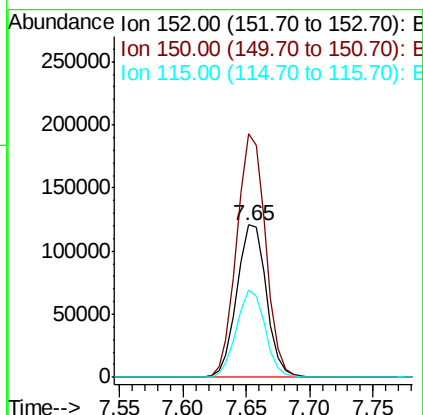
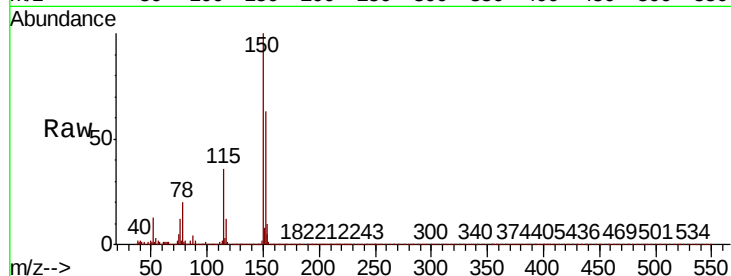


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

Instrument :
BNA_P
ClientSampled :
P-3

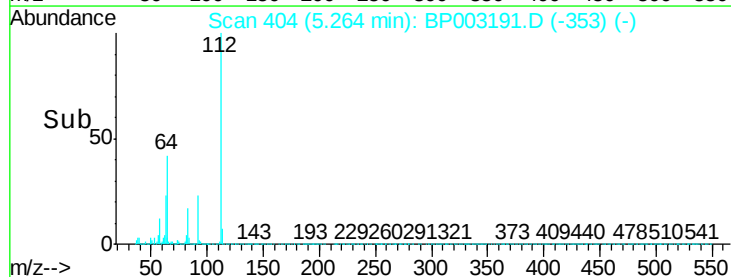
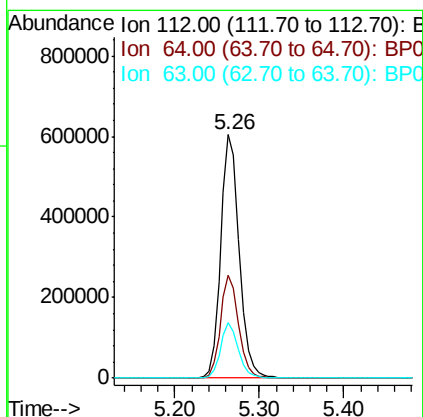
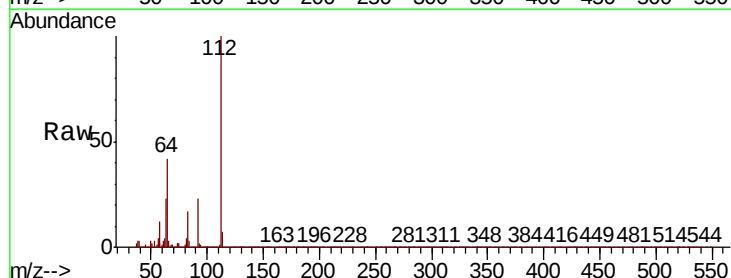
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.8	185.6
115	57.3	43.8	65.6

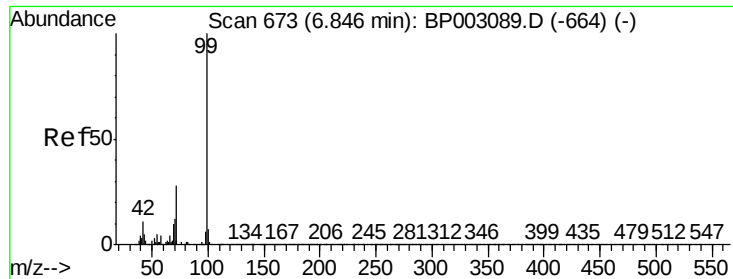


#5

2-Fluorophenol
Concen: 83.906 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.2	32.8	49.2
63	22.6	17.0	25.4





#7

Phenol-d6

Concen: 82.372 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003191.D

Acq: 02 Sep 2020 17:37

Instrument :

BNA_P

ClientSampleId :

P-3

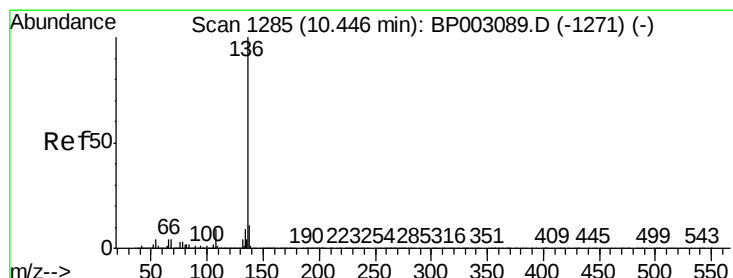
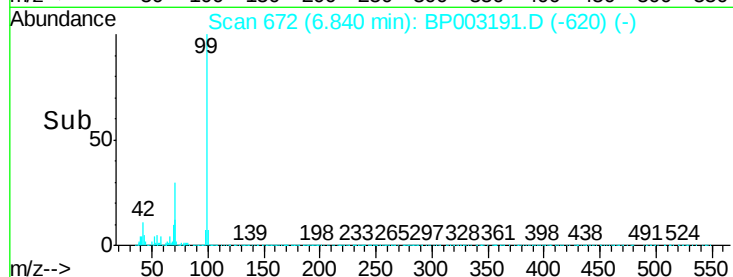
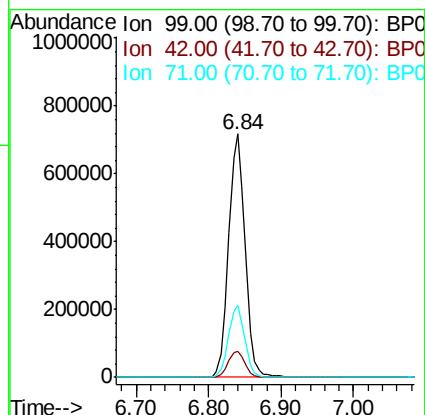
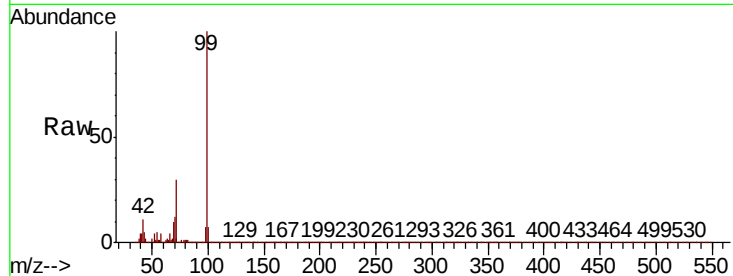
Tot Ion: 99 Resp: 1135471

Ion Ratio Lower Upper

99 100

42 10.7 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: BP003191.D

Acq: 02 Sep 2020 17:37

Tgt Ion: 136 Resp: 825752

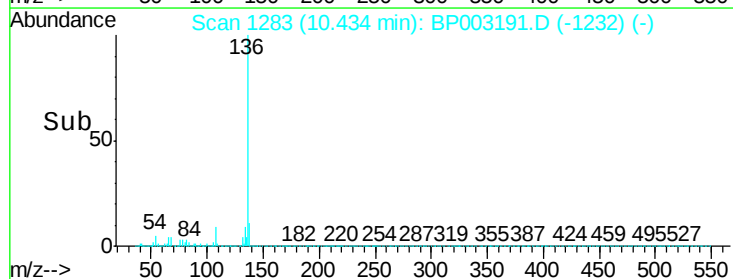
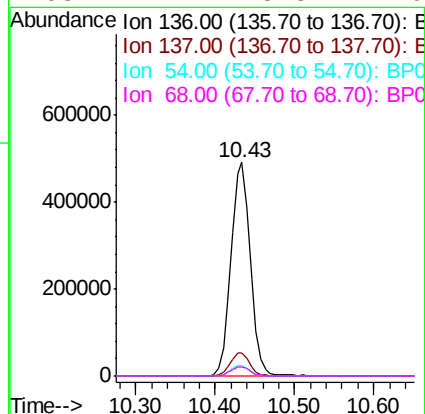
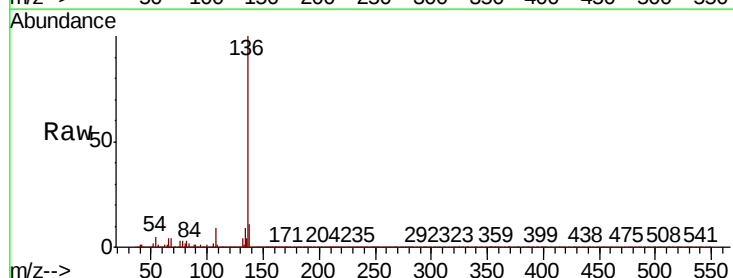
Ion Ratio Lower Upper

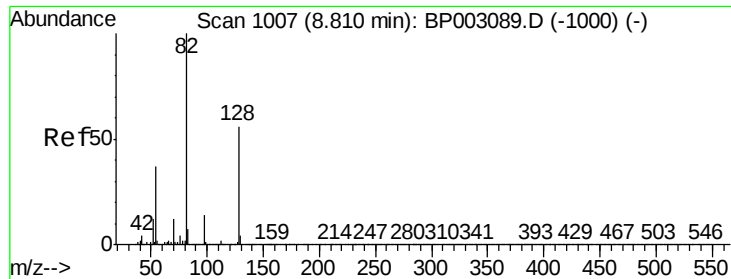
136 100

137 10.9 8.6 13.0

54 4.6 3.6 5.4

68 4.2 3.3 4.9

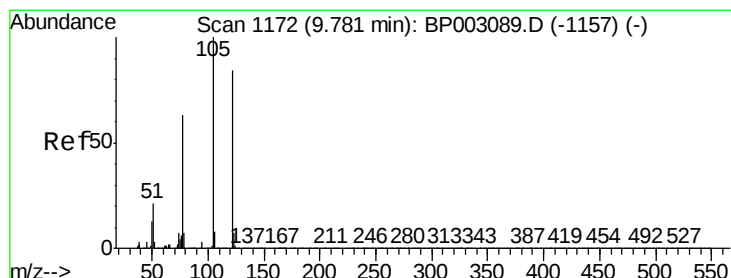
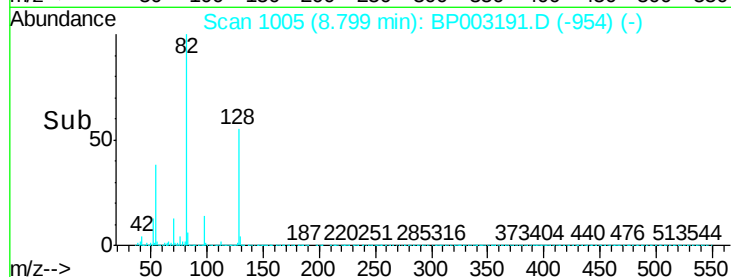
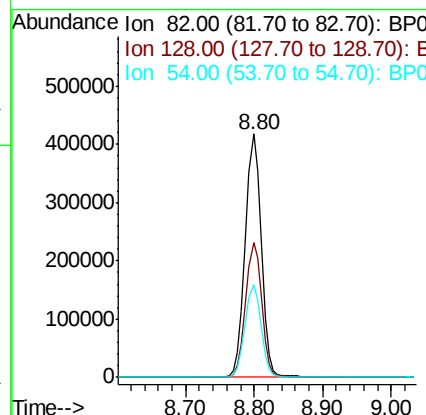
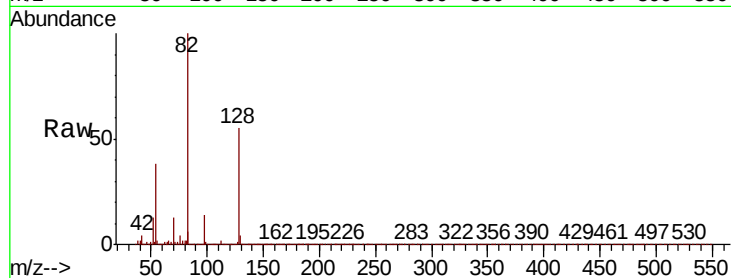




#23
 Nitrobenzene-d5
 Concen: 59.460 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003191.D
 Acq: 02 Sep 2020 17:37

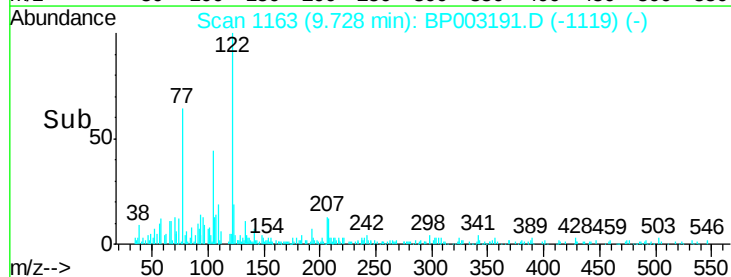
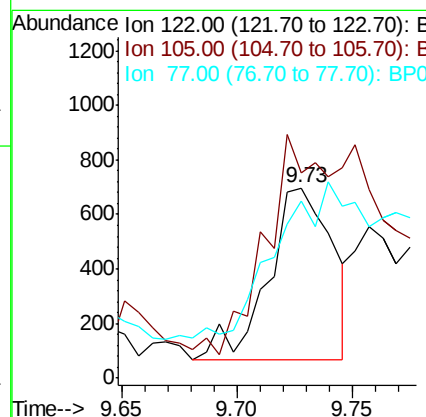
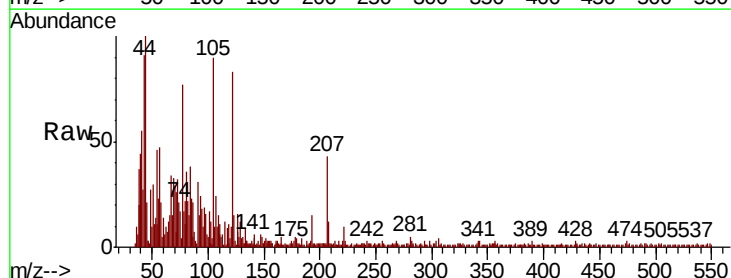
Instrument :
 BNA_P
 ClientSampled :
 P-3

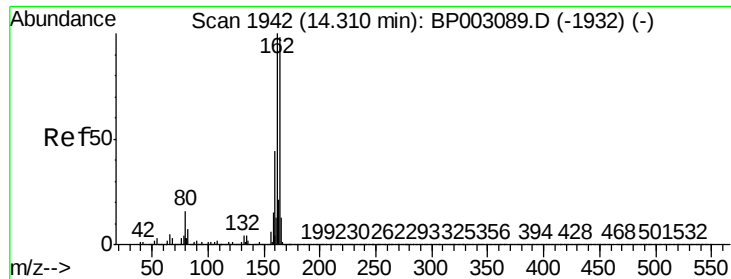
Tot Ion	82	Resp	681076
Ion Ratio	100	Lower	Upper
128	55.4	45.6	68.4
54	38.1	30.1	45.1



#32
 Benzoic acid
 Concen: 9.124 ng
 RT: 9.73 min Scan# 1163
 Delta R.T. -0.04 min
 Lab File: BP003191.D
 Acq: 02 Sep 2020 17:37

Tgt Ion	122	Resp	1218
Ion Ratio	100	Lower	Upper
105	108.0	94.1	134.1
77	93.3	50.1	90.1

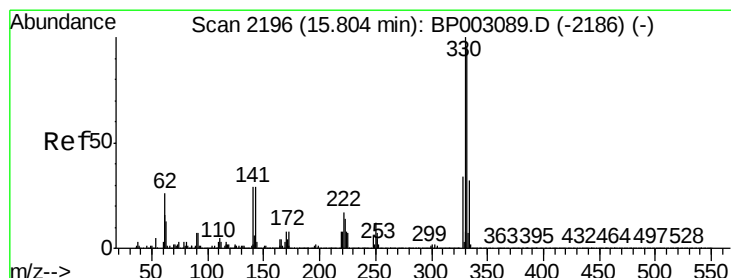
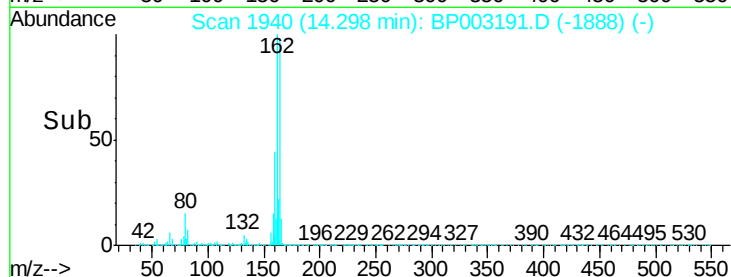
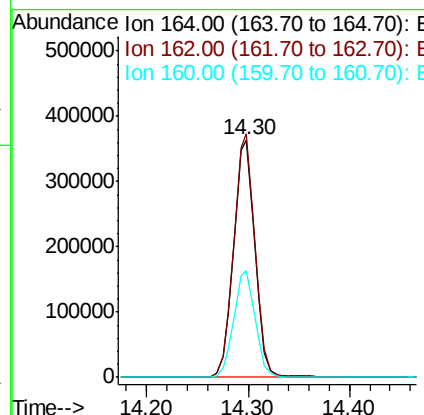
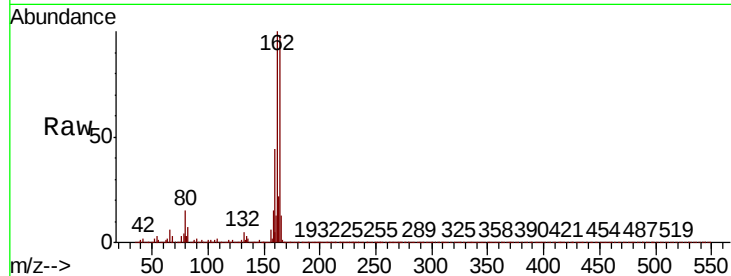




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

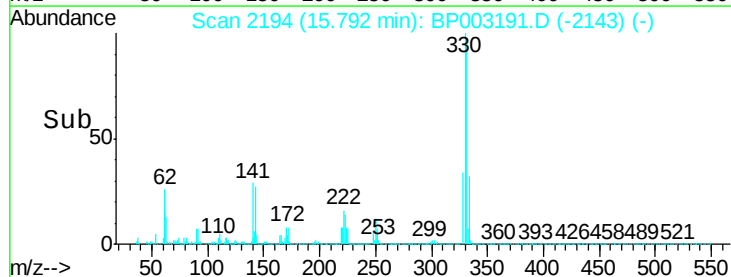
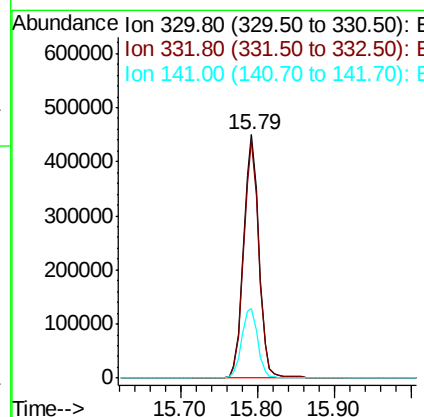
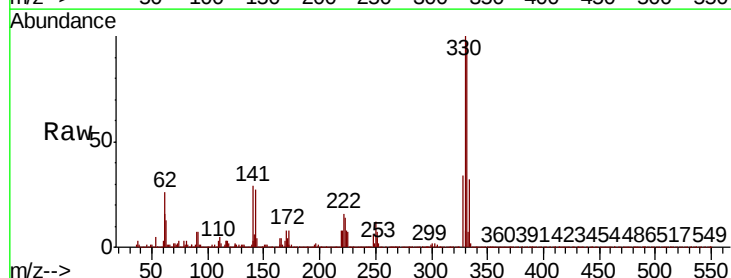
Instrument :
BNA_P
ClientSampled :
P-3

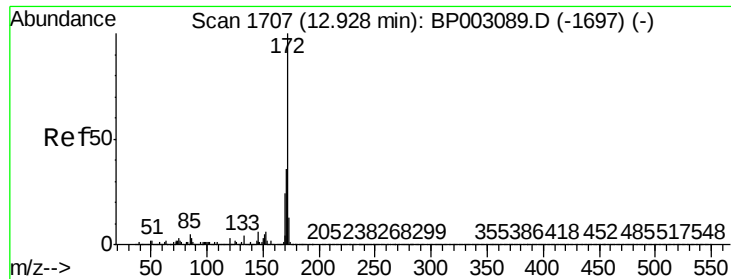
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.4	119.2
160	45.0	36.1	54.1



#42
2,4,6-Tribromophenol
Concen: 88.631 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	29.6	23.4	35.2

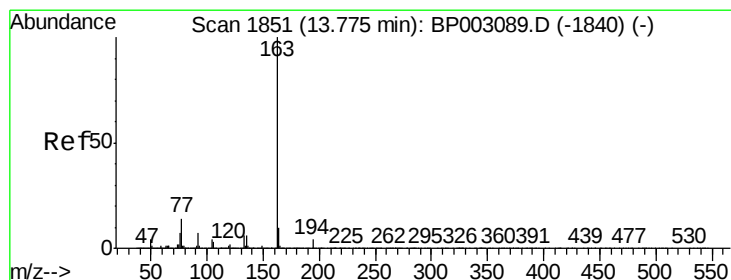
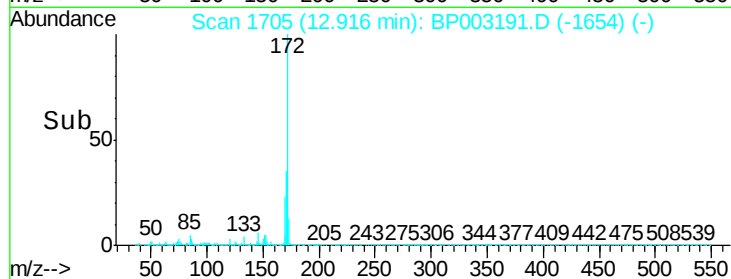
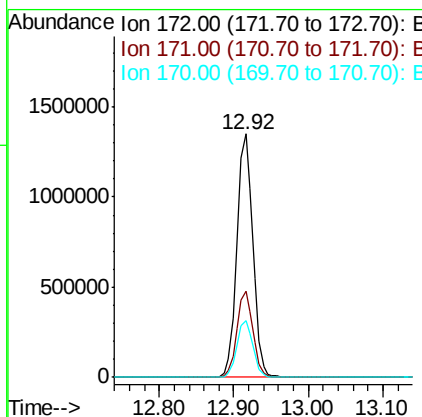
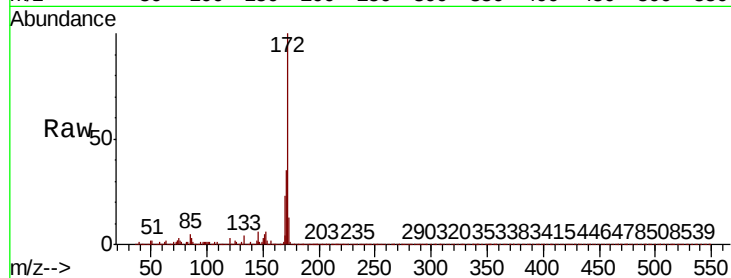




#45
2-Fluorobiphenyl
Concen: 55.994 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

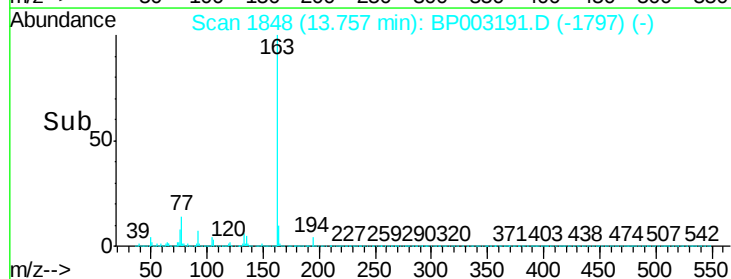
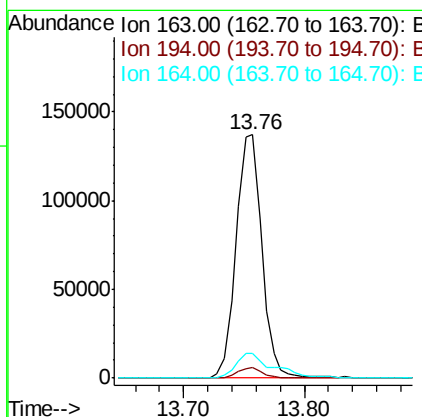
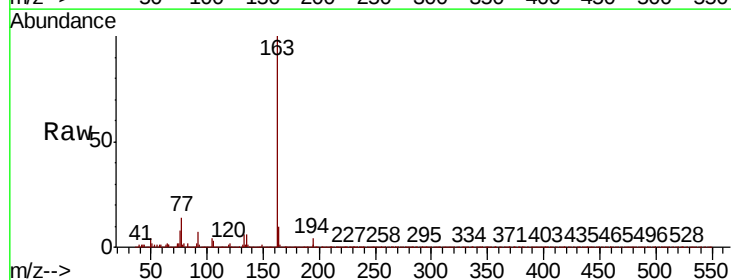
Instrument :
BNA_P
ClientSampleId :
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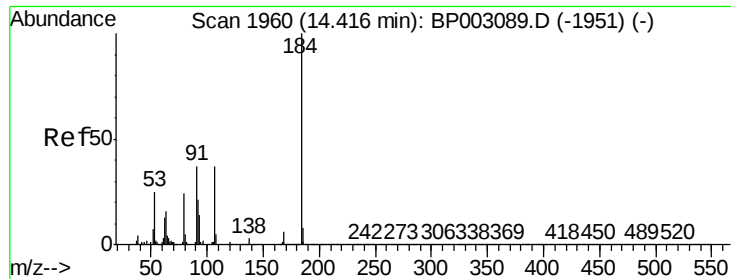
Tot Ion:172 Resp: 2017208
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 19.2 28.8



#50
Dimethylphthalate
Concen: 5.107 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

Tgt Ion:163 Resp: 205481
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.2

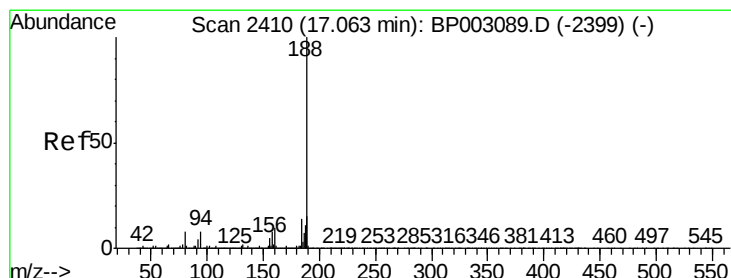
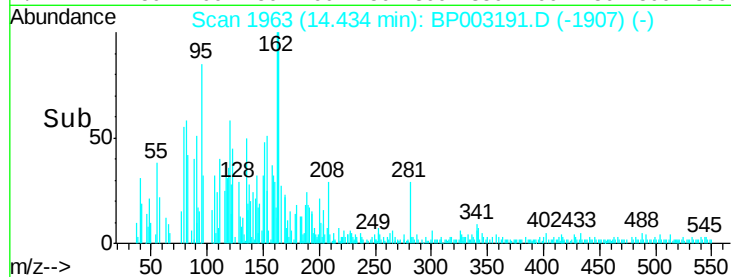
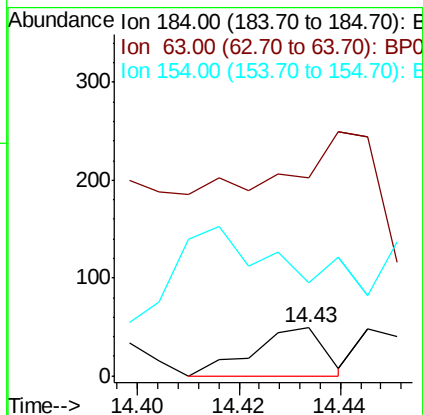
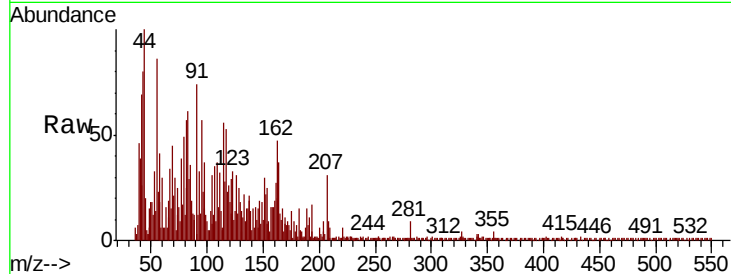




#54
2,4-Dinitrophenol
Concen: 7.765 ng
RT: 14.43 min Scan# 1963
Delta R.T. 0.03 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

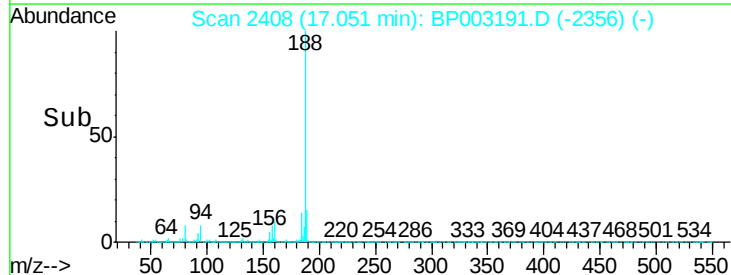
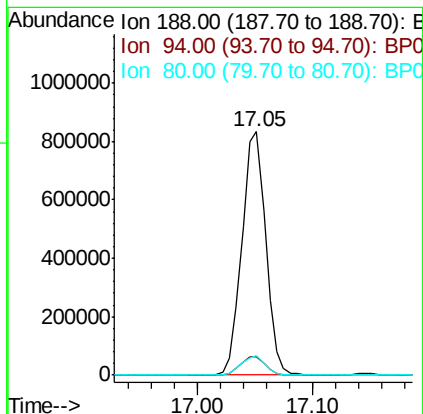
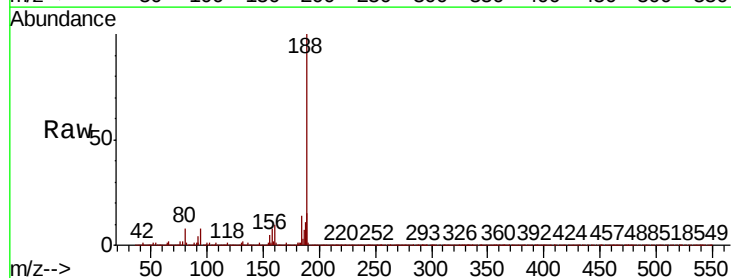
Instrument :
BNA_P
ClientSampleId :
P-3

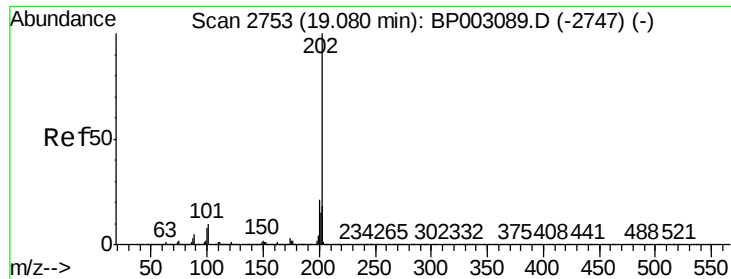
Tot Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
63 412.2 32.3 48.5#
154 193.9 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

Tgt Ion:188 Resp: 1195374
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.2 9.2





#75

Fluoranthene

Concen: 2.146 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP003191.D

Acq: 02 Sep 2020 17:37

Instrument :

BNA_P

ClientSampleId :

P-3

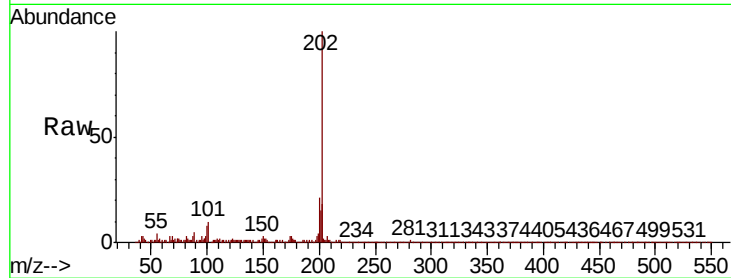
Tot Ion:202 Resp: 160635

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.4

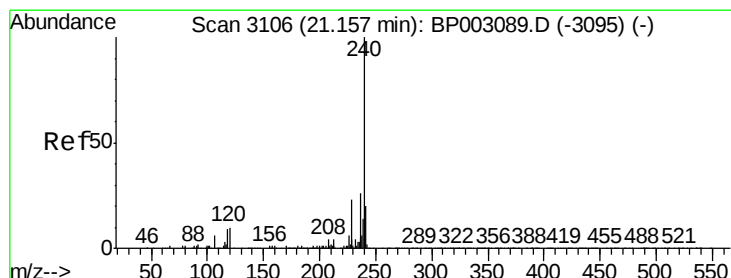
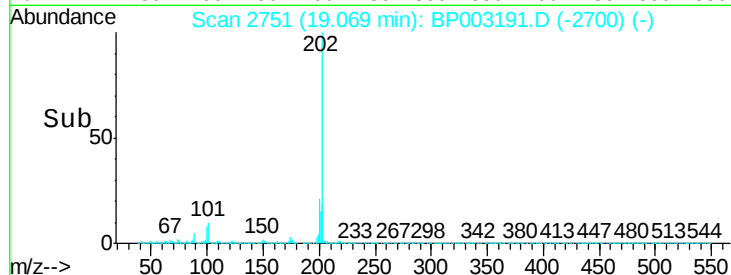
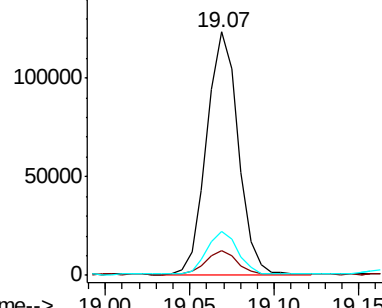
203 18.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP003191.D

Acq: 02 Sep 2020 17:37

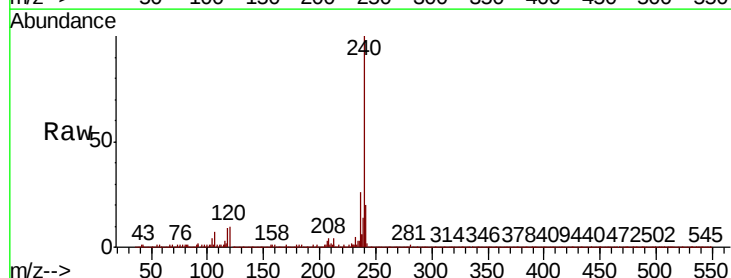
Tgt Ion:240 Resp: 1249963

Ion Ratio Lower Upper

240 100

120 9.8 7.8 11.6

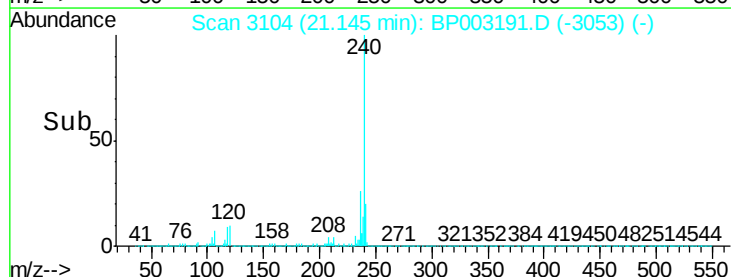
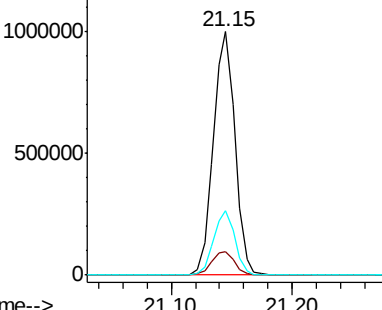
236 26.3 20.8 31.2

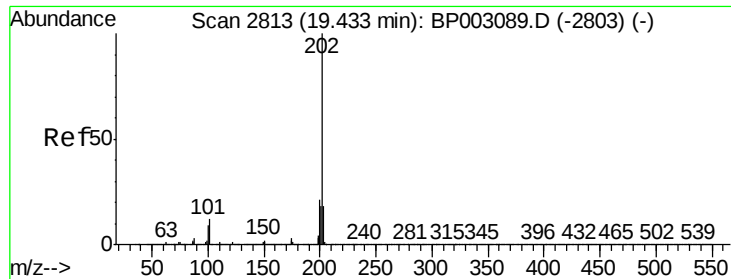


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

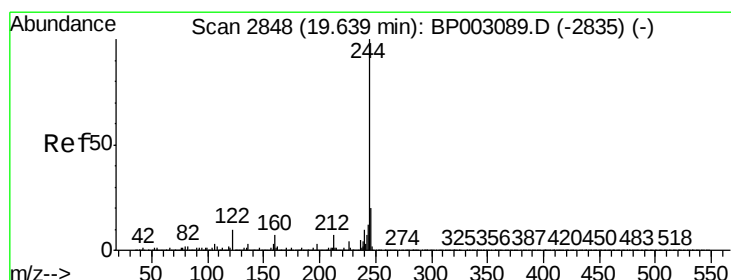
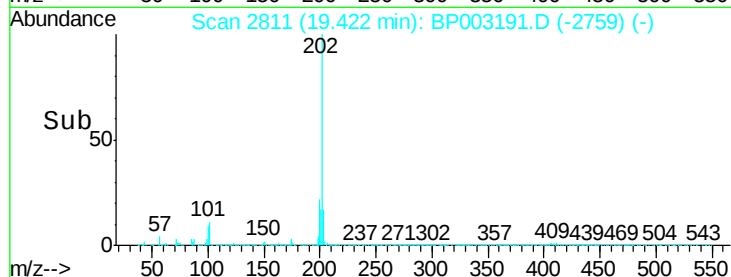
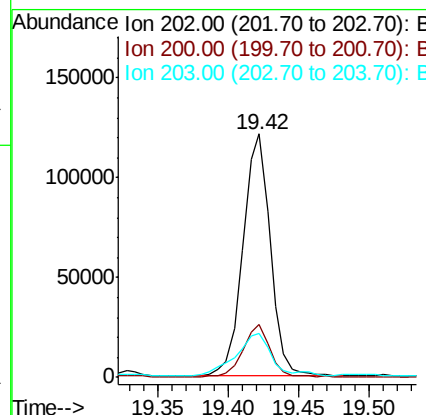
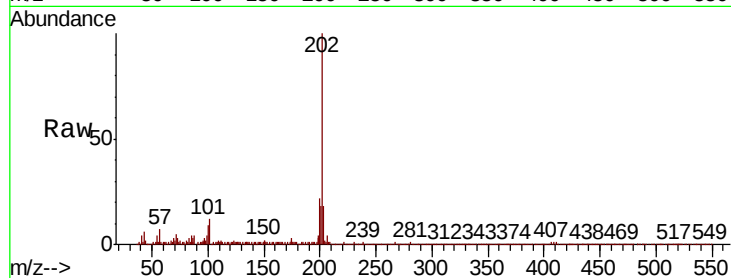




#78
Pvrene
Concen: 2.027 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

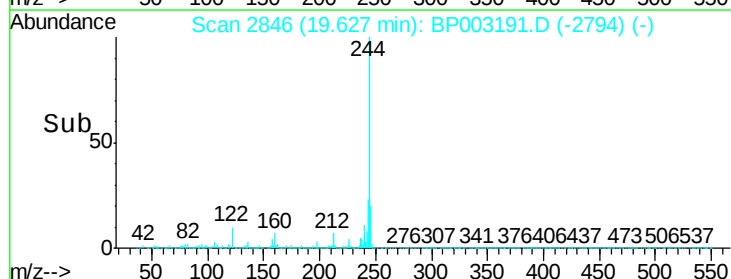
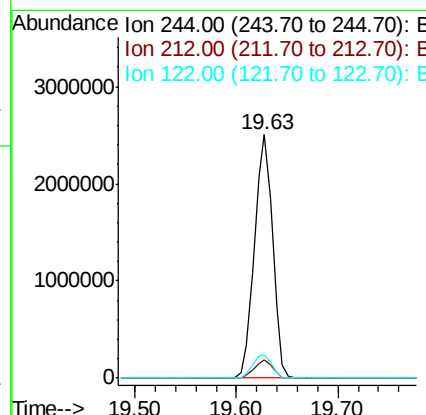
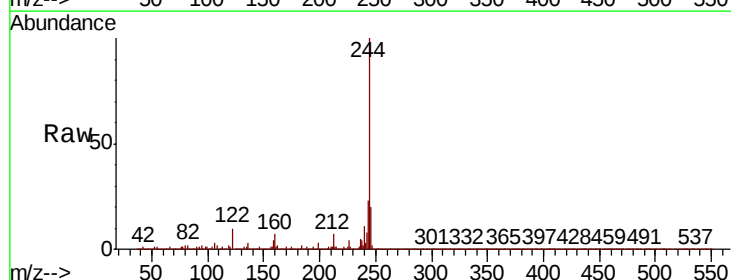
Instrument :
BNA_P
ClientSampleId :
P-3

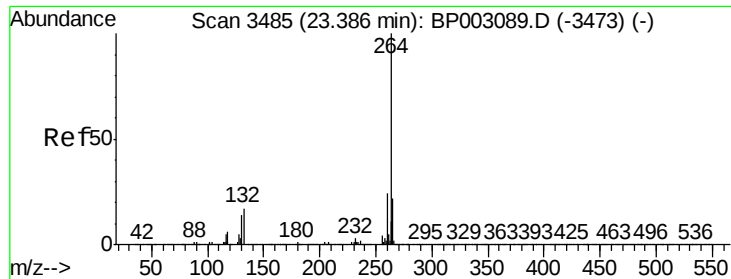
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	17.9	14.2	21.2



#79
Terphenyl-d14
Concen: 54.799 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.7	7.8	11.8



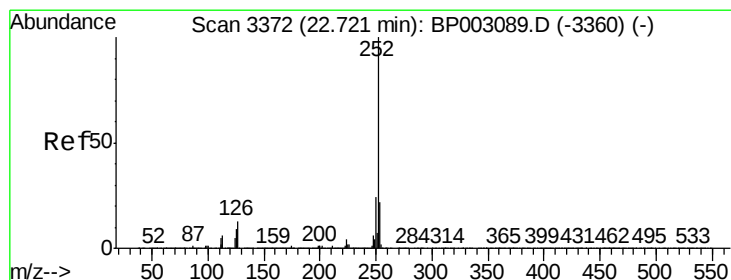
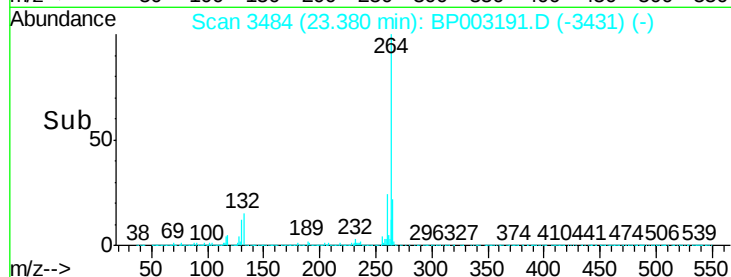
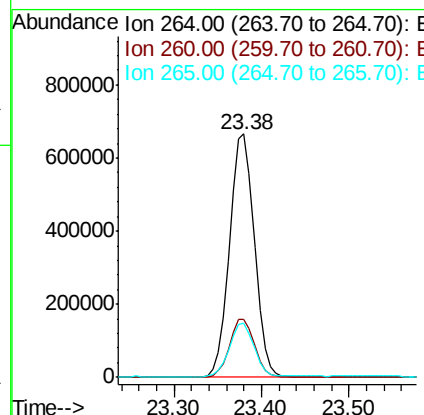
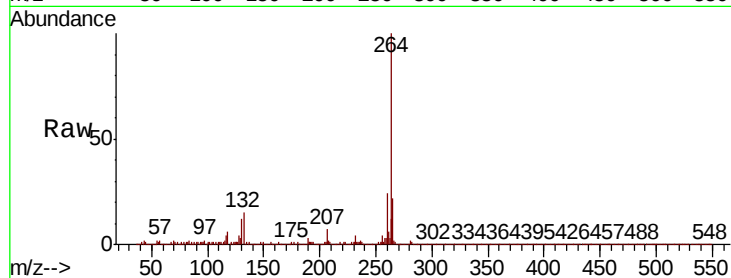


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

Instrument :
BNA_P
ClientSampleId :
P-3

Tot Ion:264 Resp: 1280628

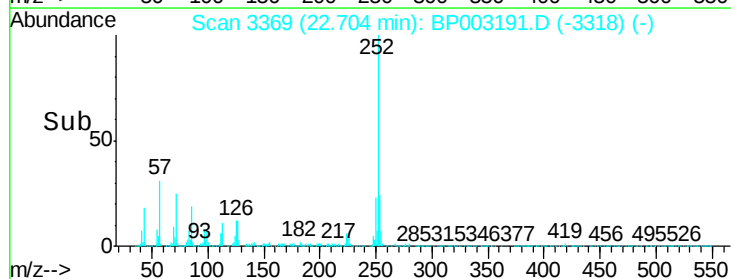
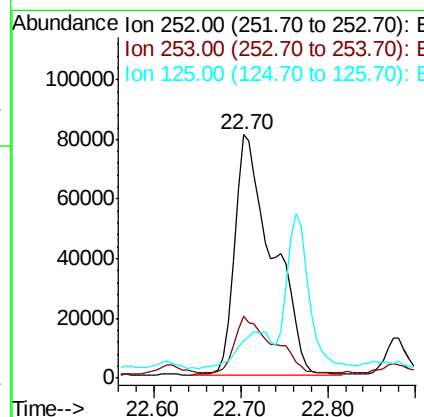
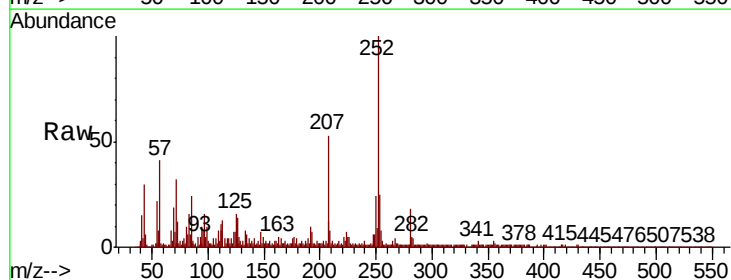
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.0	17.4	26.2

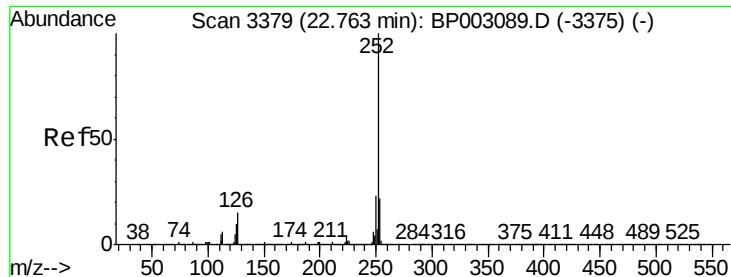


#88
Benzo(b)fluoranthene
Concen: 2.956 ng
RT: 22.70 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BP003191.D
Acq: 02 Sep 2020 17:37

Tgt Ion:252 Resp: 235291

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	15.5	7.3	10.9





#89

Benzo(k)fluoranthene

Concen: 3.094 ng

RT: 22.70 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BP003191.D

Acq: 02 Sep 2020 17:37

Instrument :

BNA_P

ClientSampleId :

P-3

Tot Ion:252 Resp: 235291

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.8

125 15.5 7.4 11.2#

