

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
 Data File : BP003235.D
 Acq On : 08 Sep 2020 19:46
 Operator : CG/JU
 Sample : L3877-04DL2 125X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1DL

Quant Time: Sep 09 00:52:57 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

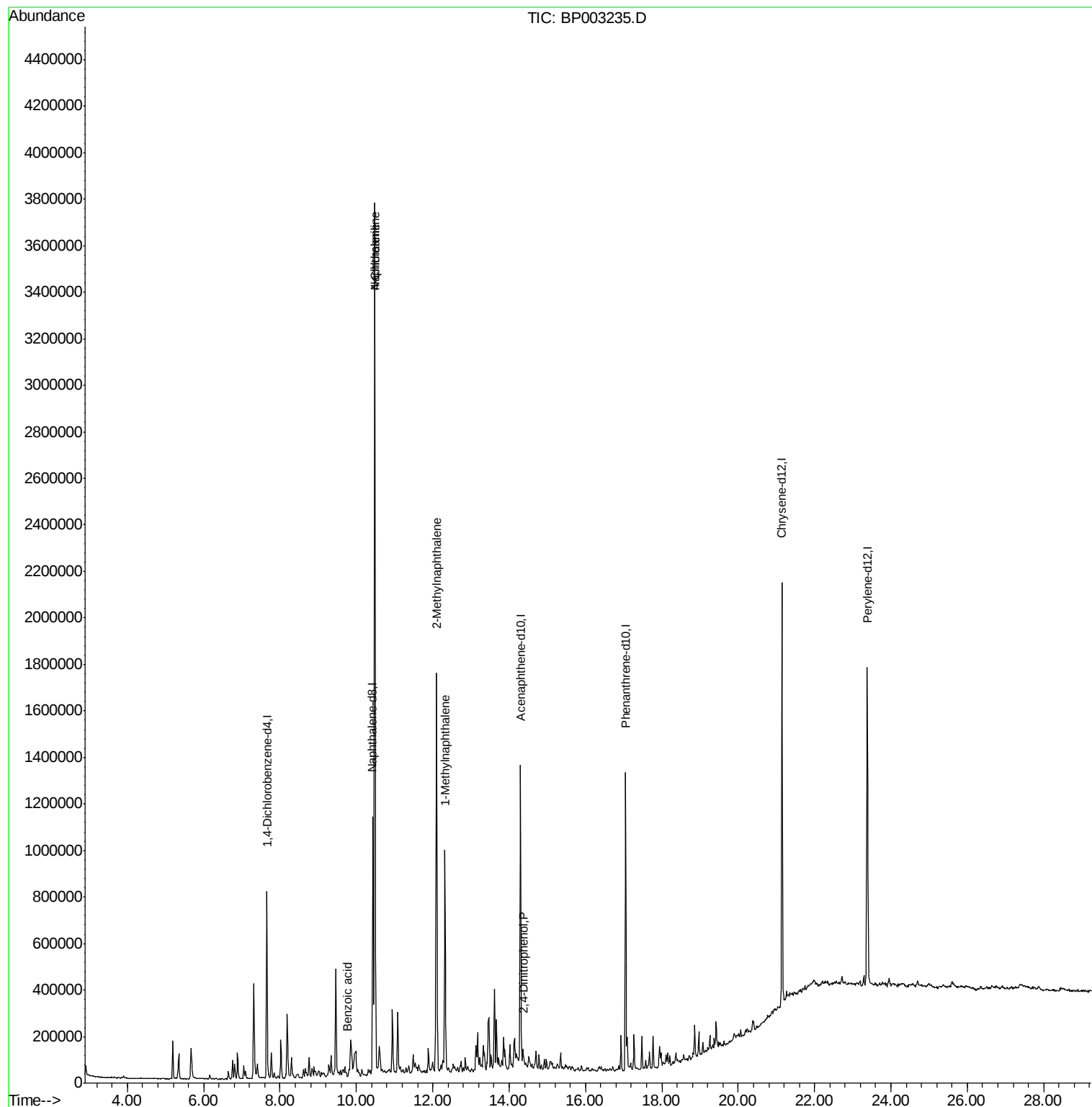
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	242902	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	915735	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	487179	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	864913	20.00	ng	0.00
76) Chrysene-d12	21.15	240	918184	20.00	ng	0.00
86) Perylene-d12	23.38	264	1022955	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	2164	0.16	ng	0.00
7) Phenol-d6	6.85	99	2203	0.13	ng	0.02
23) Nitrobenzene-d5	8.81	82	1527	0.12	ng	0.01
42) 2,4,6-Tribromophenol	15.80	330	642	0.10	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	3536	0.11	ng	0.00
79) Terphenyl-d14	19.62	244	4639	0.11	ng	0.00
Target Compounds						
31) Naphthalene	10.48	128	3519989	74.817	ng	99
32) Benzoic acid	9.77	122	93	9.006	ng	# 1
33) 4-Chloroaniline	10.48	127	466774	23.745	ng	# 35
37) 2-Methylnaphthalene	12.10	142	847091	25.169	ng	99
38) 1-Methylnaphthalene	12.32	142	474978	14.848	ng	98
54) 2,4-Dinitrophenol	14.39	184	237	7.806	ng	# 1

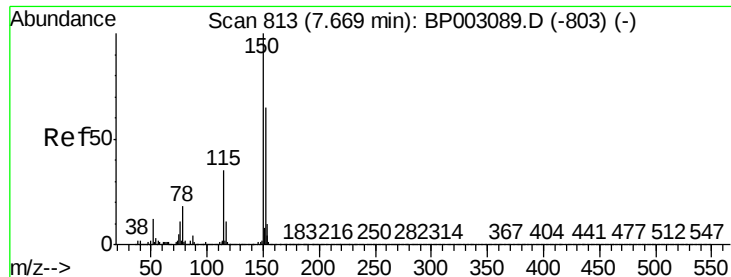
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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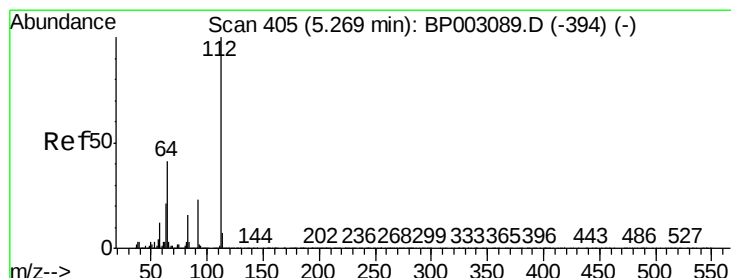
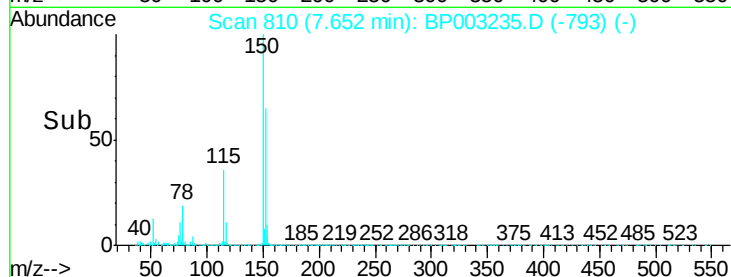
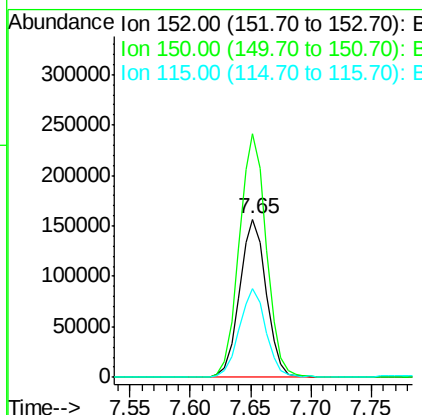
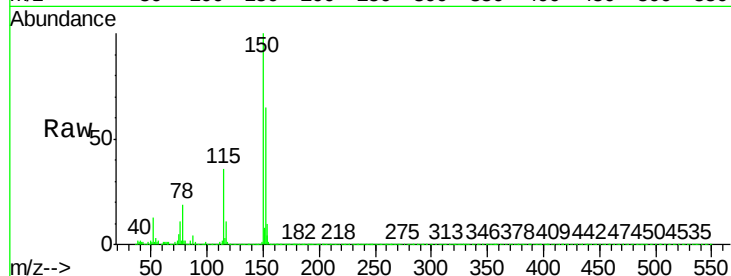


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

Instrument :
BNA_P
ClientSampleId :
TP-1DL

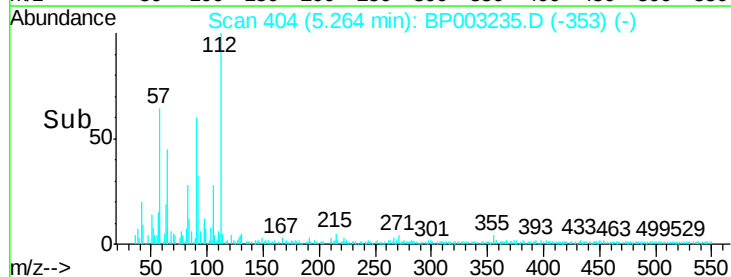
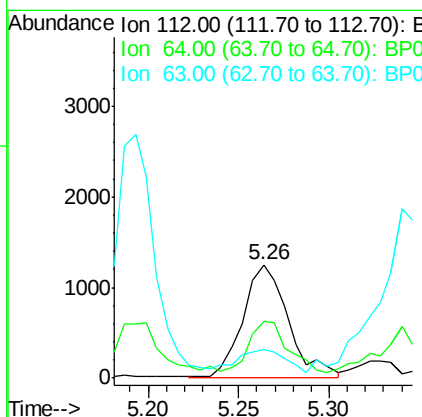
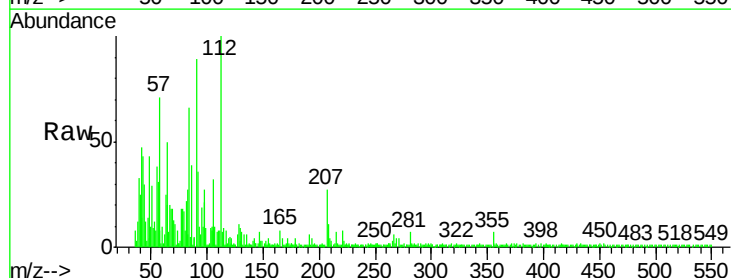
Tot Ion:152 Resp: 242902
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 56.0 43.8 65.6

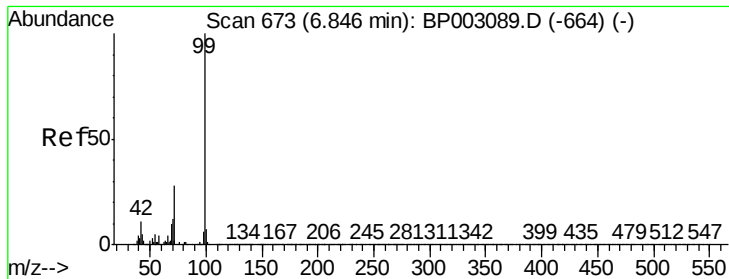


#5

2-Fluorophenol
Concen: 0.158 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

Tgt Ion:112 Resp: 2164
Ion Ratio Lower Upper
112 100
64 50.4 32.8 49.2#
63 25.5 17.0 25.4#





#7

Phenol-d6

Concen: 0.128 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.02 min

Lab File: BP003235.D

Acq: 08 Sep 2020 19:46

Instrument :

BNA_P

ClientSampleId :

TP-1DL

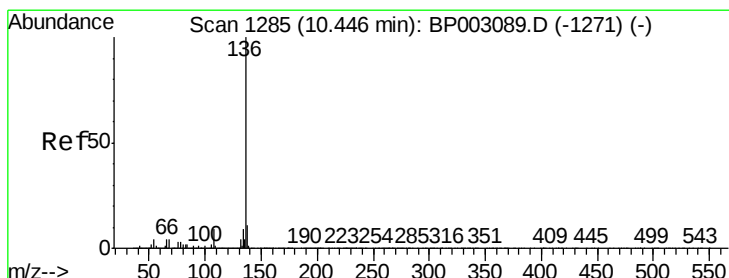
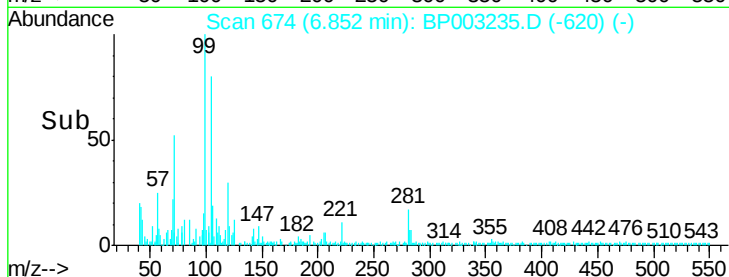
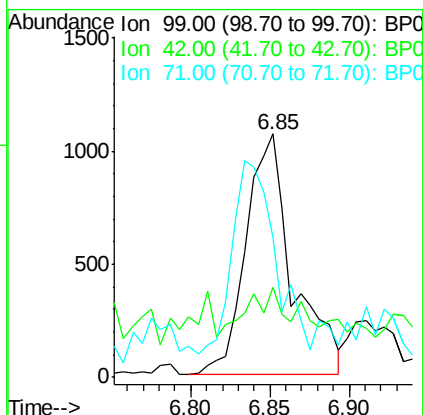
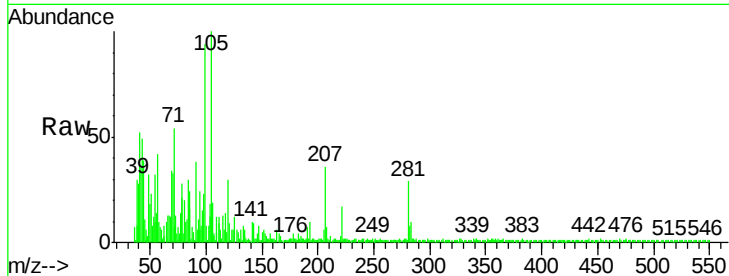
Tot Ion: 99 Resp: 2203

Ion Ratio Lower Upper

99 100

42 37.0 8.6 13.0#

71 57.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003235.D

Acq: 08 Sep 2020 19:46

Tgt Ion: 136 Resp: 915735

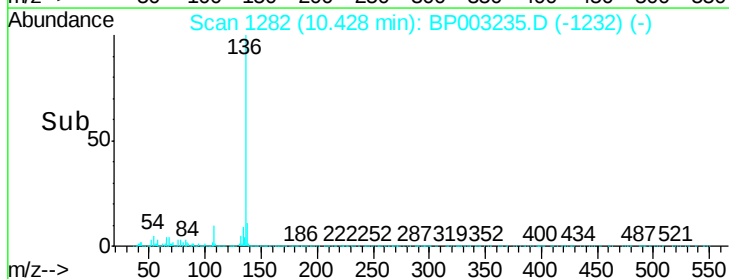
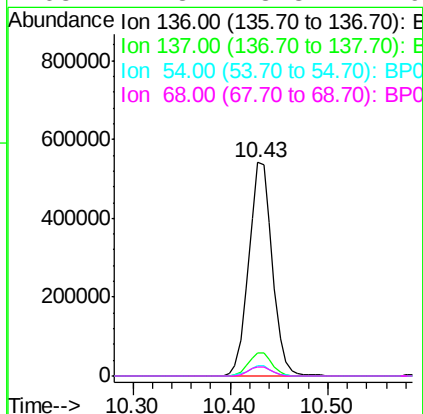
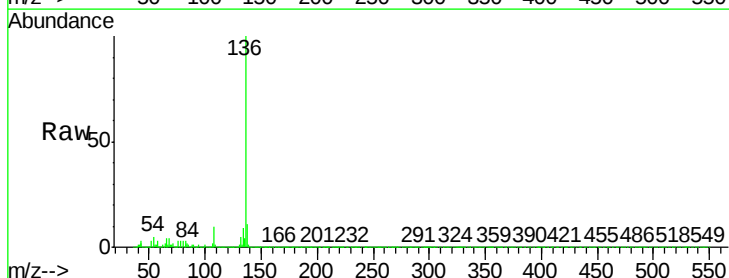
Ion Ratio Lower Upper

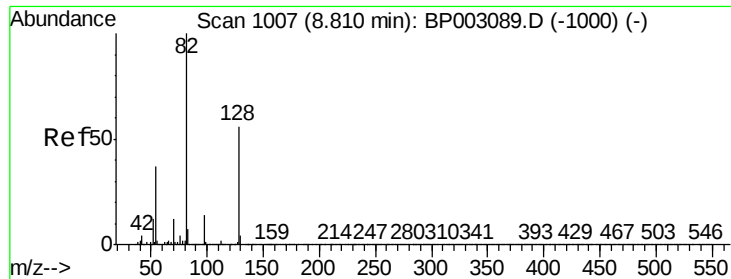
136 100

137 10.9 8.6 13.0

54 4.9 3.6 5.4

68 4.3 3.3 4.9

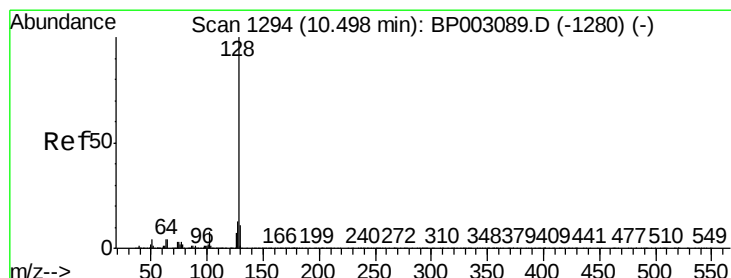
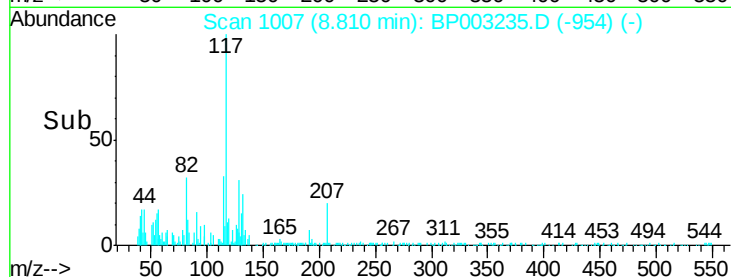
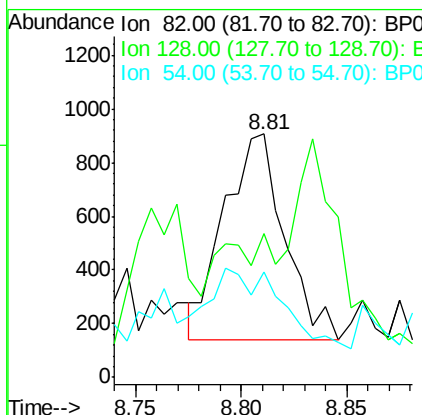
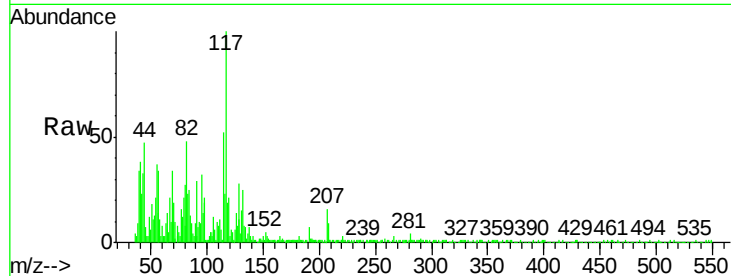




#23
 Nitrobenzene-d5
 Concen: 0.120 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BP003235.D
 Acq: 08 Sep 2020 19:46

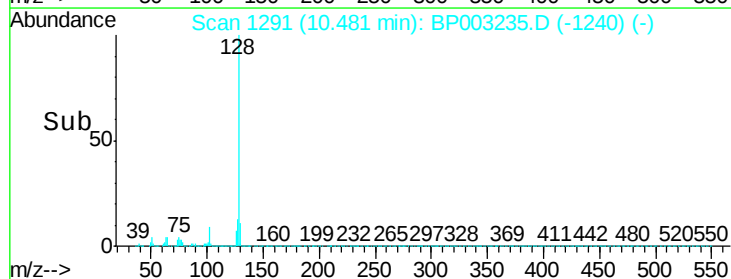
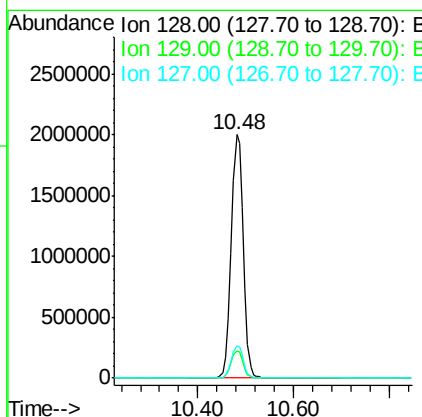
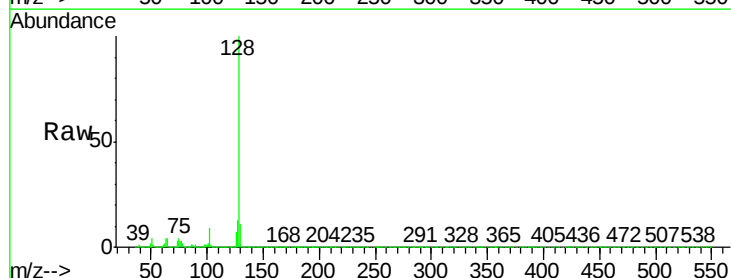
Instrument :
 BNA_P
 ClientSampleId :
 TP-1DL

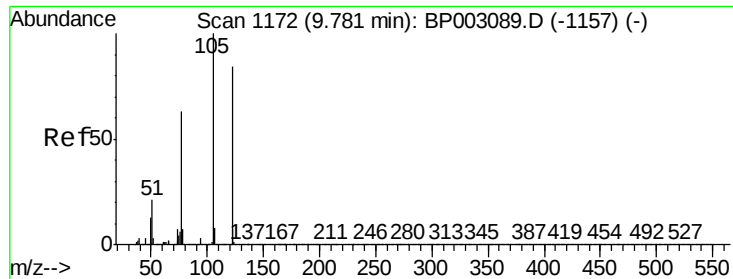
Tot Ion: 82 Resp: 1527
 Ion Ratio Lower Upper
 82 100
 128 59.0 45.6 68.4
 54 43.4 30.1 45.1



#31
 Naphthalene
 Concen: 74.817 ng
 RT: 10.48 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BP003235.D
 Acq: 08 Sep 2020 19:46

Tgt Ion:128 Resp: 3519989
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.8 13.2
 127 13.5 10.6 15.8

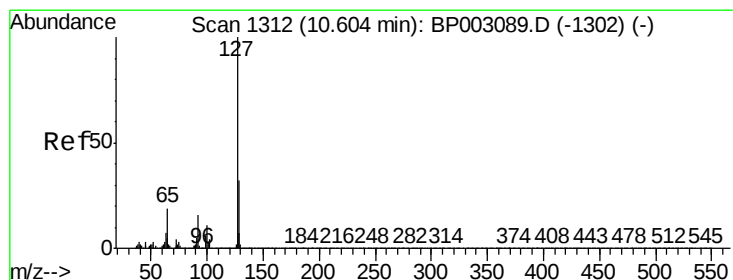
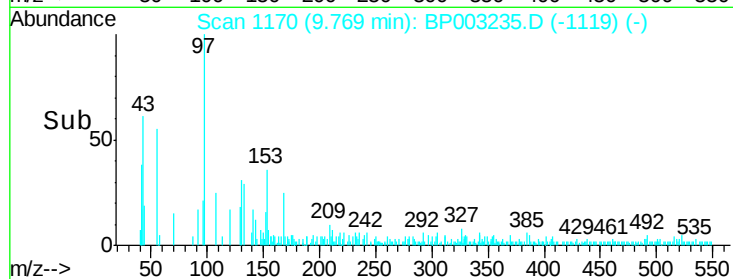
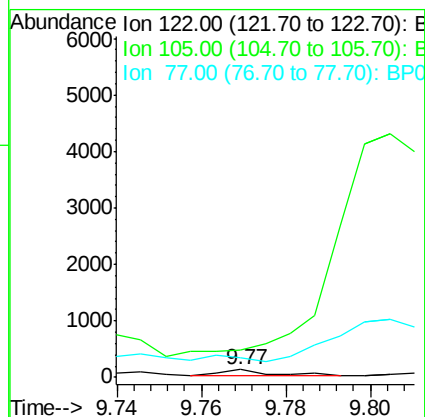
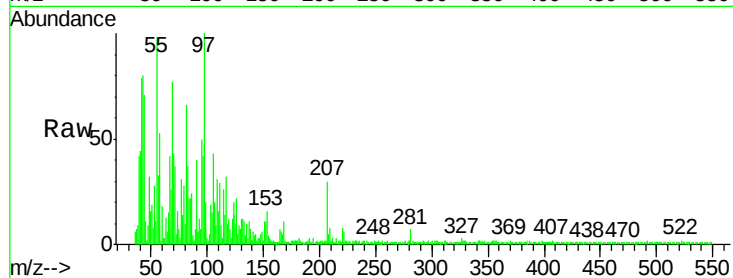




#32
Benzoic acid
Concen: 9.006 ng
RT: 9.77 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

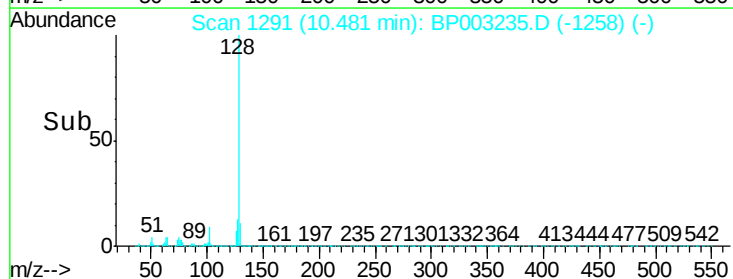
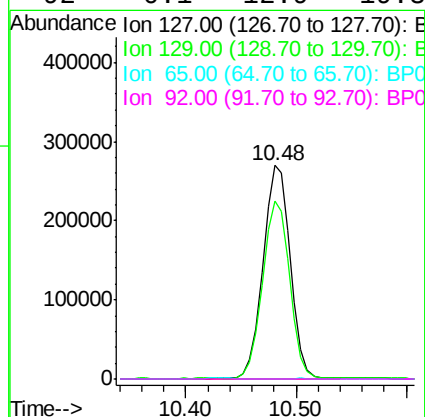
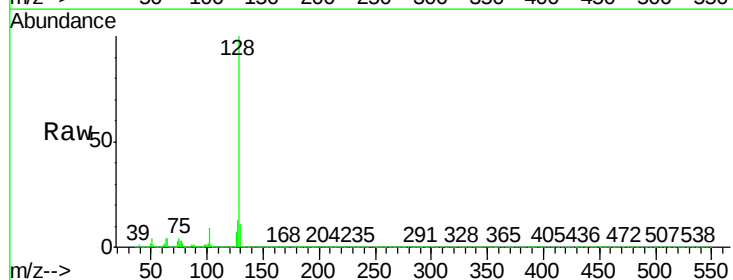
Instrument :
BNA_P
ClientSampleId :
TP-1DL

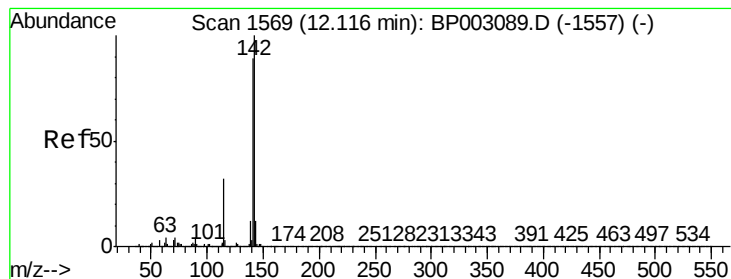
Tot Ion	Ratio	Lower	Upper
122	100		
105	354.7	94.1	134.1#
77	250.4	50.1	90.1#



#33
4-Chloroaniline
Concen: 23.745 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.11 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

Tgt Ion	Ratio	Lower	Upper
127	100		
129	83.6	25.7	38.5#
65	0.0	17.3	25.9#
92	0.1	12.9	19.3#





#37

2-Methylnaphthalene

Concen: 25.169 ng

RT: 12.10 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BP003235.D

Acq: 08 Sep 2020 19:46

Instrument :

BNA_P

ClientSampleId :

TP-1DL

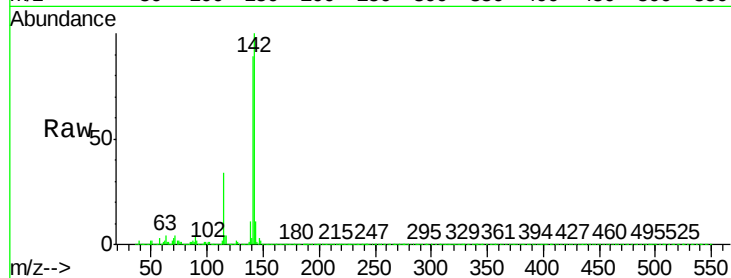
Tot Ion:142 Resp: 847091

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

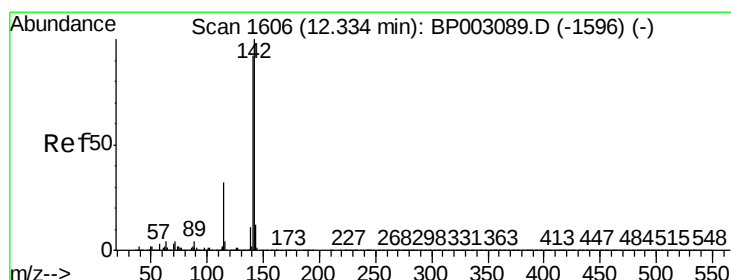
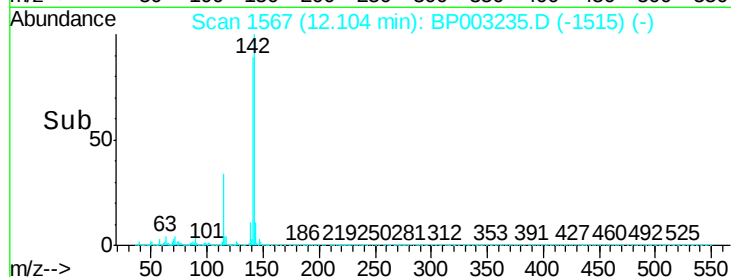
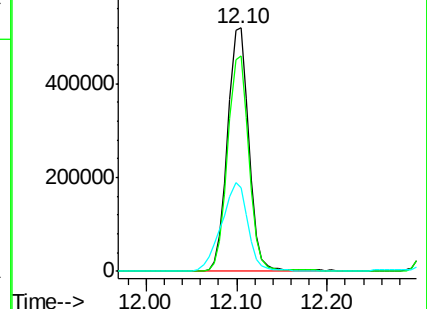
115 34.3 25.8 38.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 14.848 ng

RT: 12.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BP003235.D

Acq: 08 Sep 2020 19:46

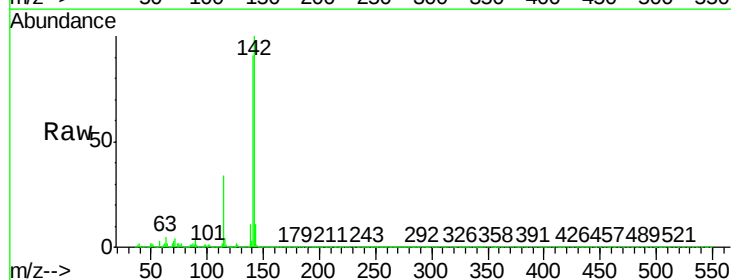
Tgt Ion:142 Resp: 474978

Ion Ratio Lower Upper

142 100

141 91.4 74.4 111.6

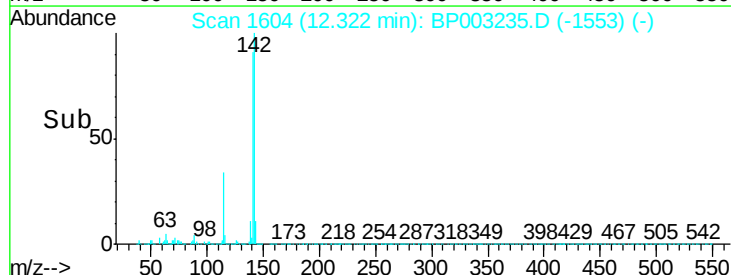
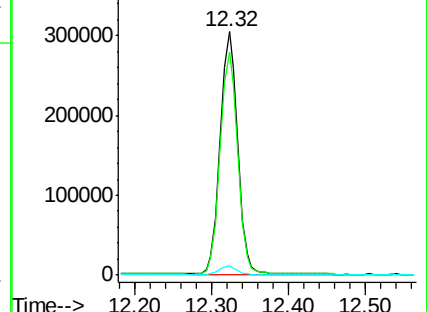
116 4.0 2.9 4.3

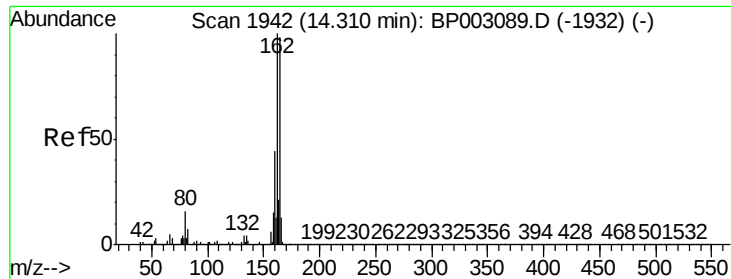


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003235.D

Acq: 08 Sep 2020 19:46

Instrument :

BNA_P

ClientSampleId :

TP-1DL

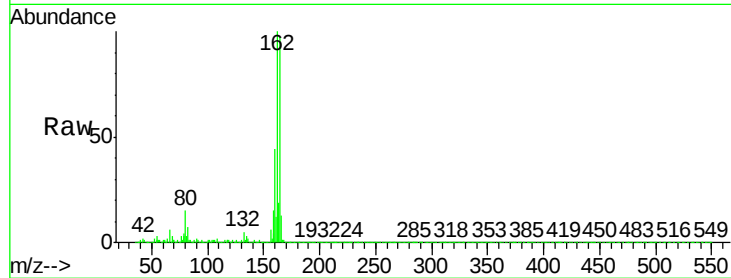
Tot Ion:164 Resp: 487179

Ion Ratio Lower Upper

164 100

162 103.0 79.4 119.2

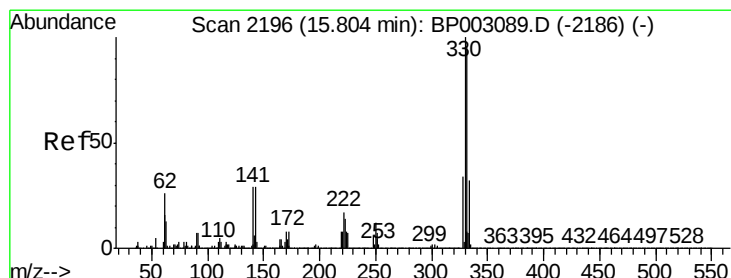
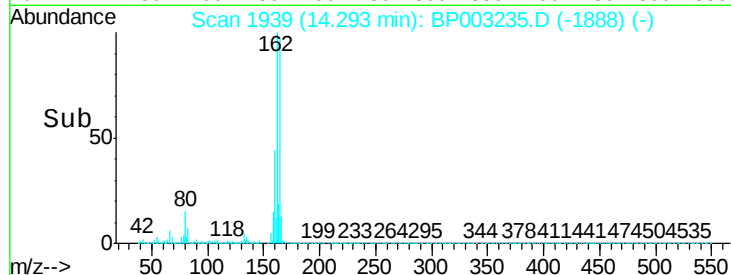
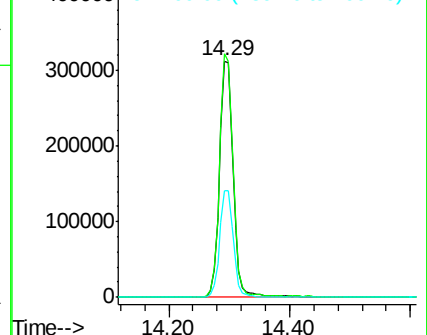
160 44.9 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.097 ng

RT: 15.80 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BP003235.D

Acq: 08 Sep 2020 19:46

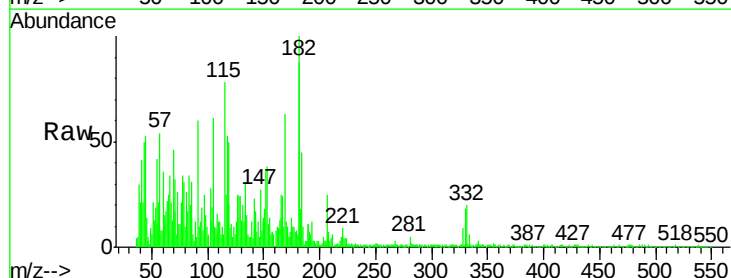
Tgt Ion:330 Resp: 642

Ion Ratio Lower Upper

330 100

332 114.3 77.1 115.7

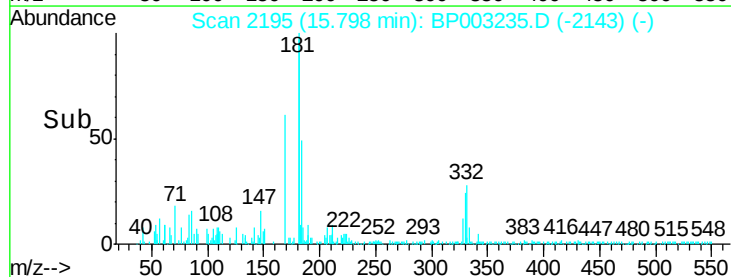
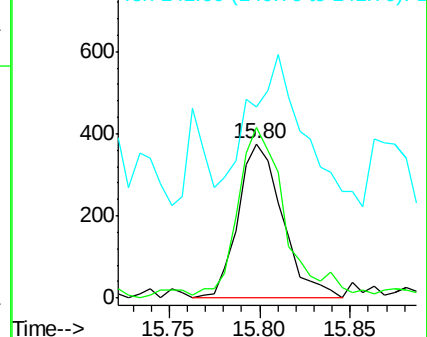
141 121.2 23.4 35.2#

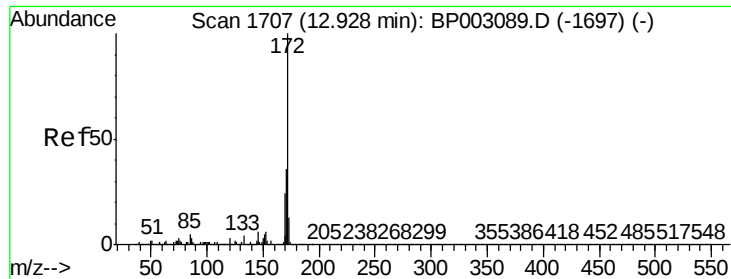


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

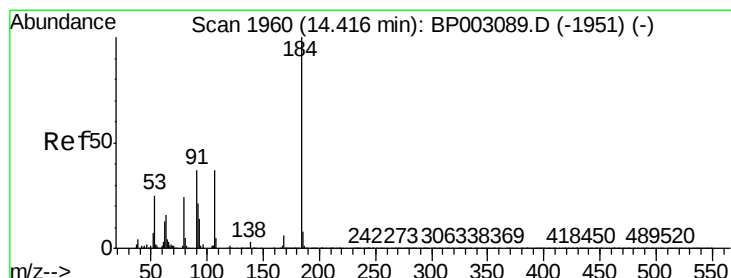
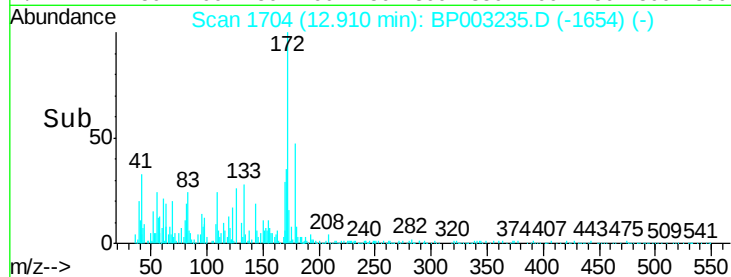
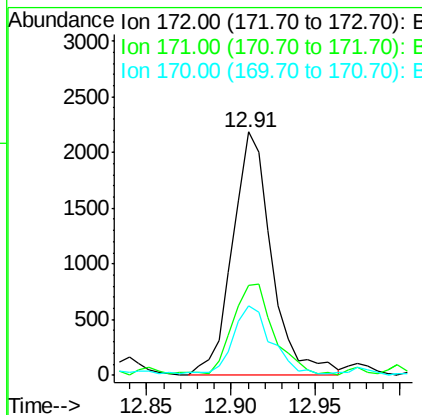
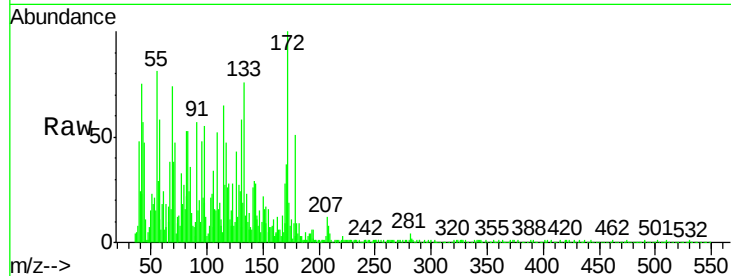




#45
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

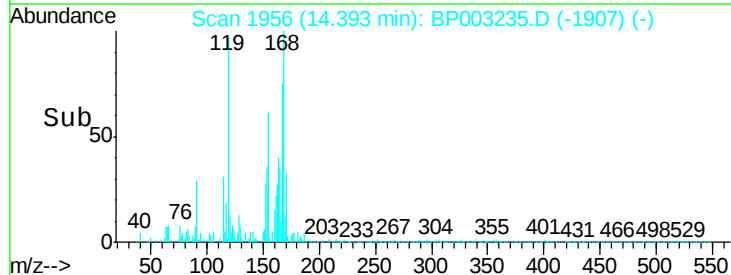
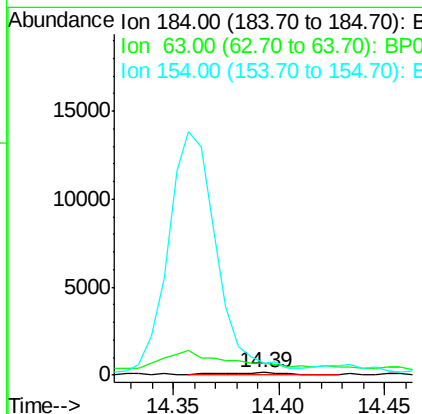
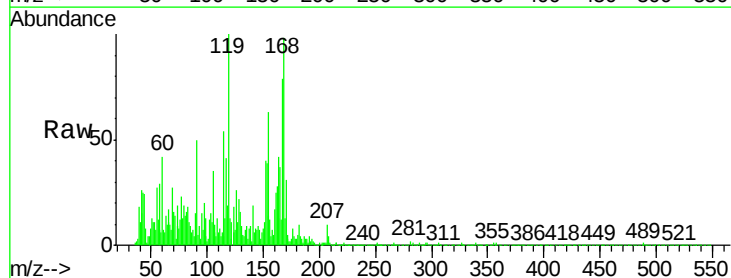
Instrument :
BNA_P
ClientSampleId :
TP-1DL

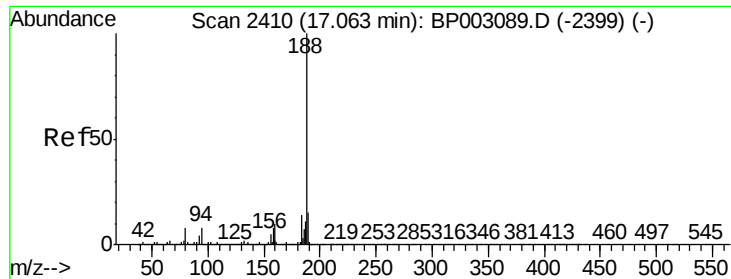
Tot Ion:172 Resp: 3536
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 28.3 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.806 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

Tgt Ion:184 Resp: 237
Ion Ratio Lower Upper
184 100
63 470.7 32.3 48.5#
154 467.9 49.1 73.7#

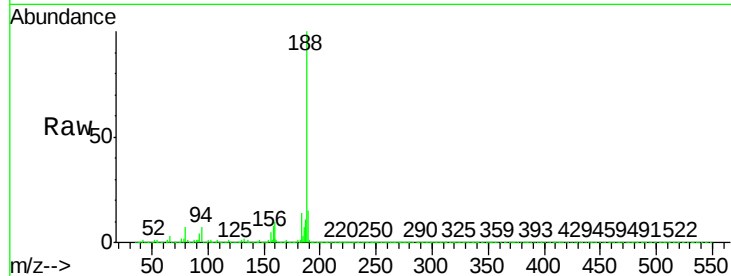




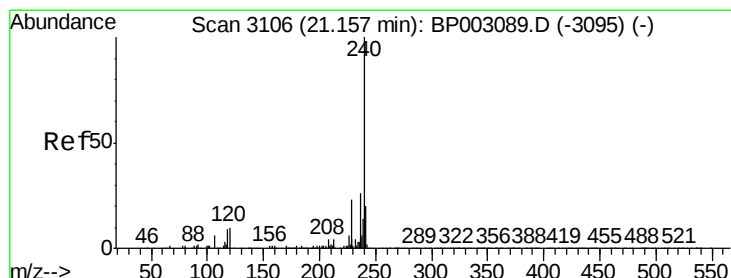
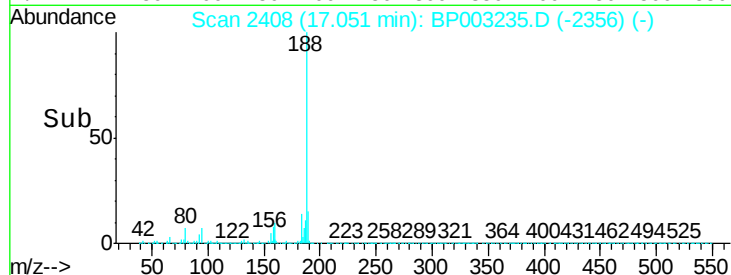
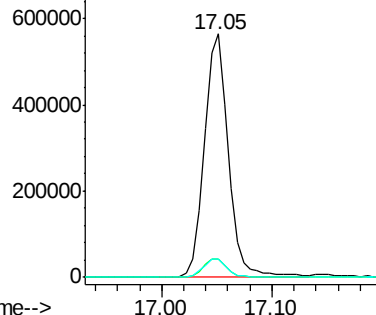
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

Instrument :
BNA_P
ClientSampleId :
TP-1DL

Tot Ion:188 Resp: 864913
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.5 6.2 9.2

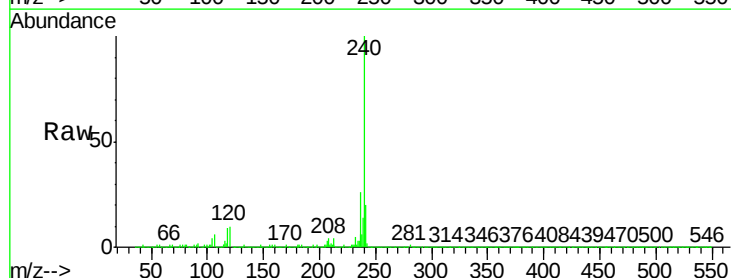


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BPO
Ion 80.00 (79.70 to 80.70): BPO

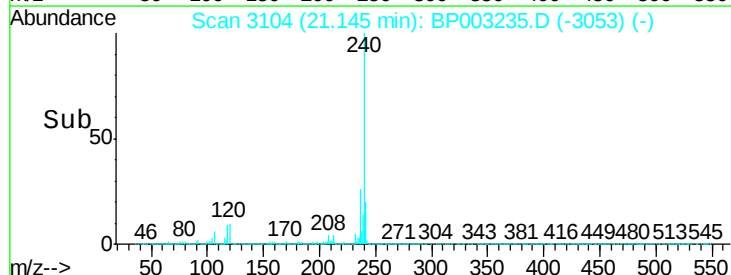
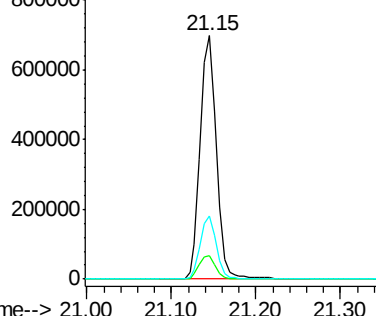


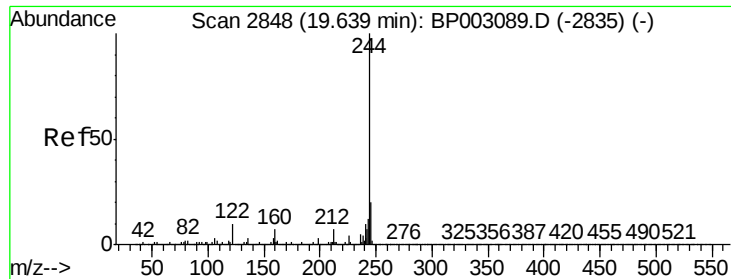
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

Tgt Ion:240 Resp: 918184
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.9 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: 0.111 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003235.D

Acq: 08 Sep 2020 19:46

Instrument :

BNA_P

ClientSampleId :

TP-1DL

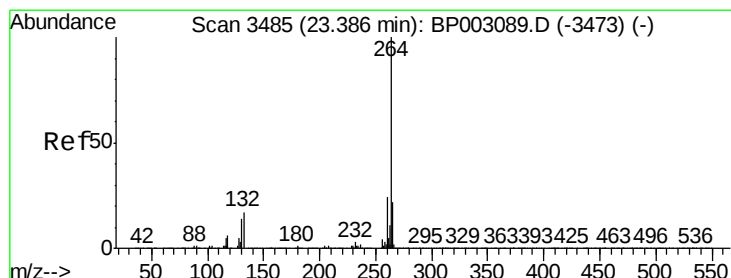
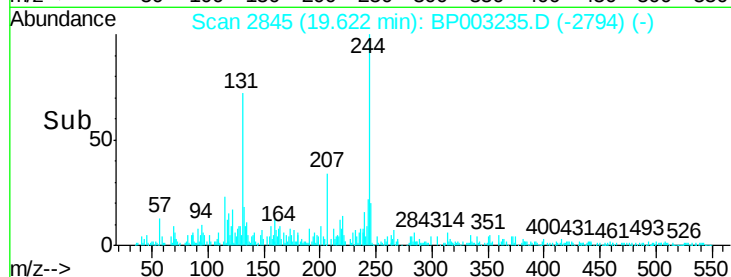
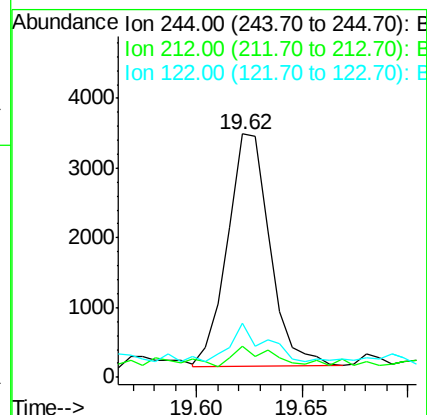
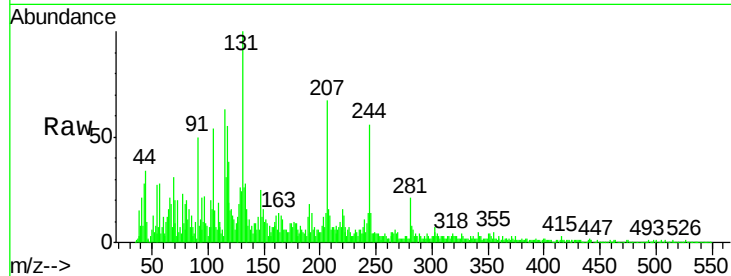
Tot Ion:244 Resp: 4639

Ion Ratio Lower Upper

244 100

212 12.9 5.8 8.6#

122 22.3 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3484

Delta R.T. 0.01 min

Lab File: BP003235.D

Acq: 08 Sep 2020 19:46

Tgt Ion:264 Resp: 1022955

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.6 17.4 26.2

