

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

Instrument :
 BNA_P
 ClientSampleId :
 TP-1DL

Quant Time: Sep 09 01:44:04 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

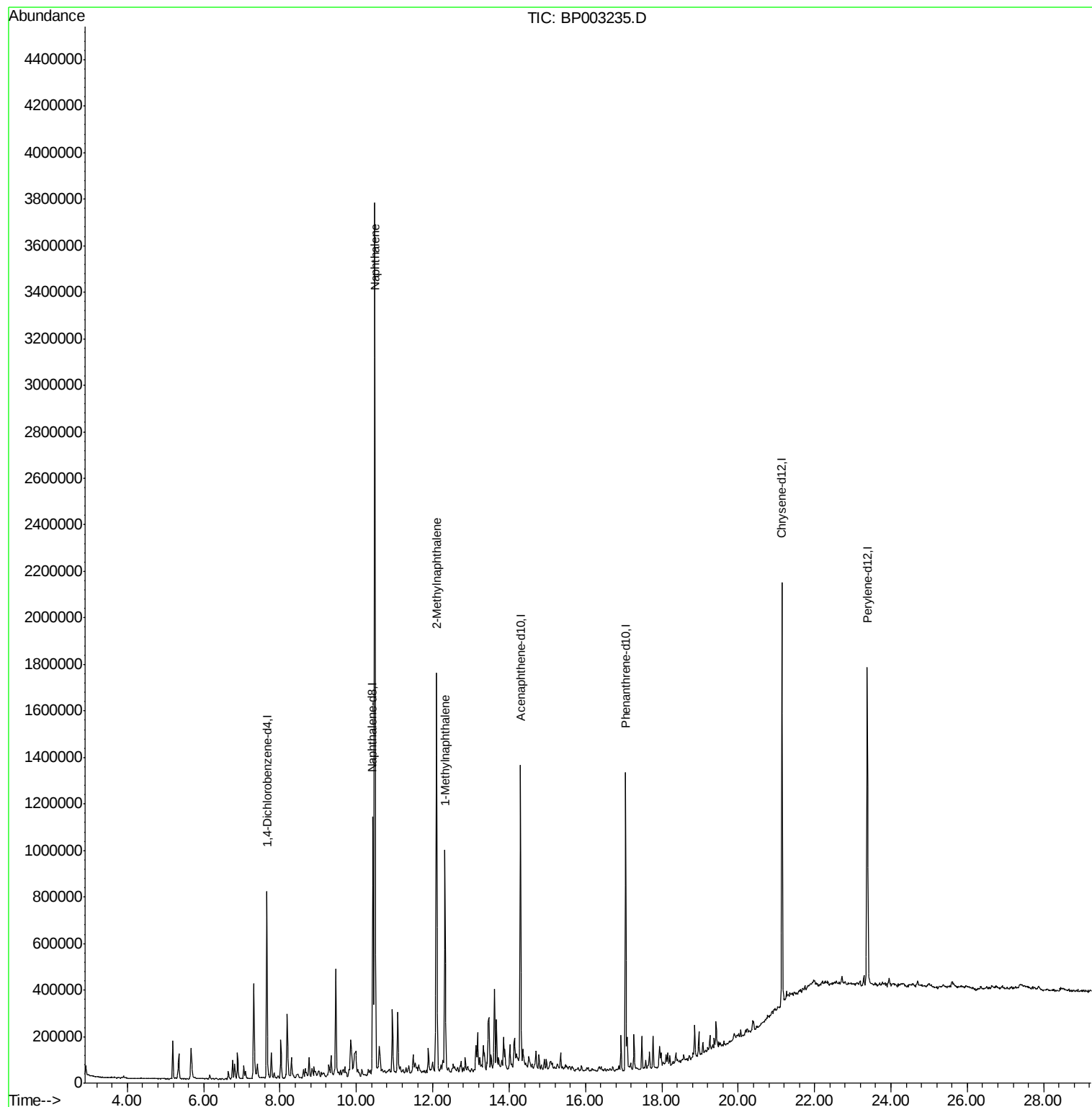
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	242902	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	915735	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	487179	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	864913	20.00	ng	0.00
76) Chrysene-d12	21.15	240	918184	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
37) 2-Methylnaphthalene	12.10	142	847091	25.169	ng	99
38) 1-Methylnaphthalene	12.32	142	474978	14.848	ng	98

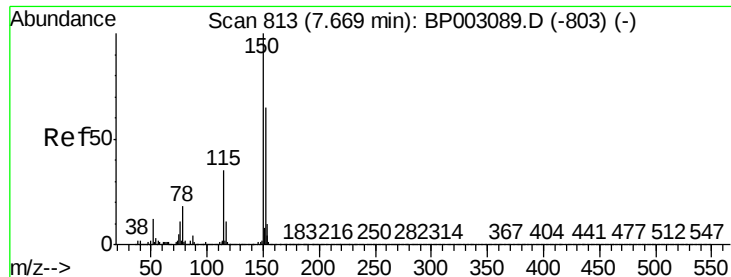
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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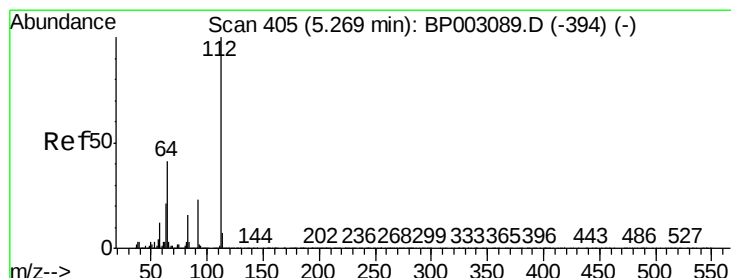
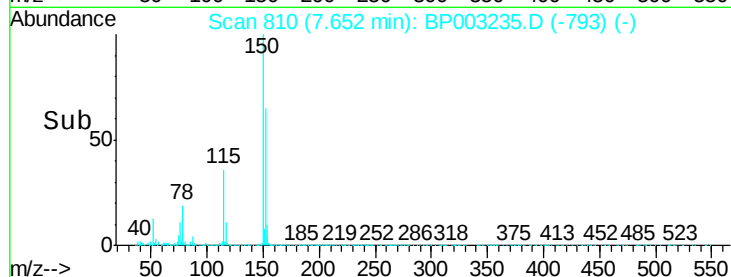
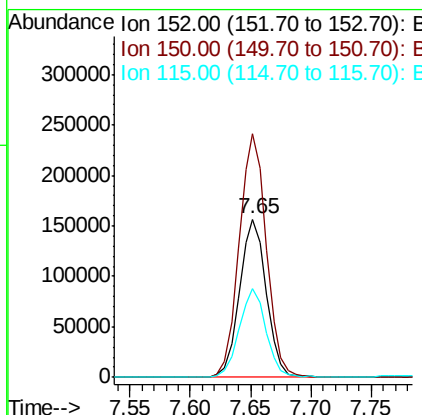
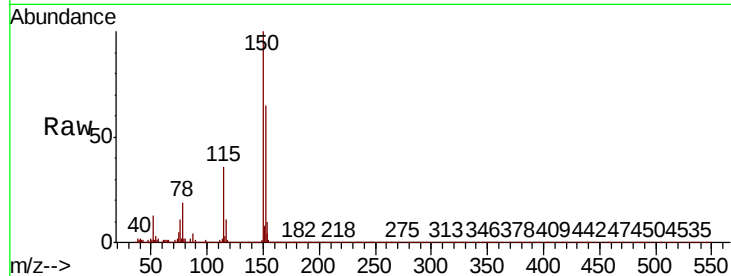


#1

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

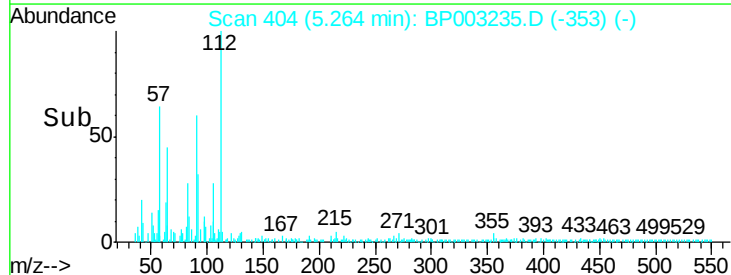
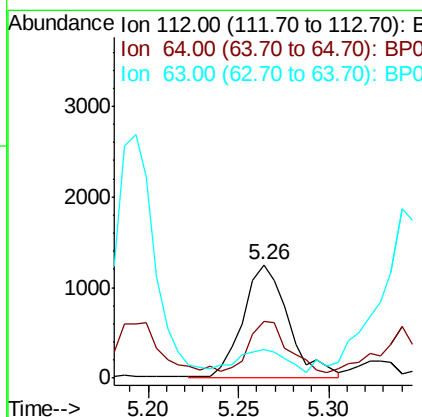
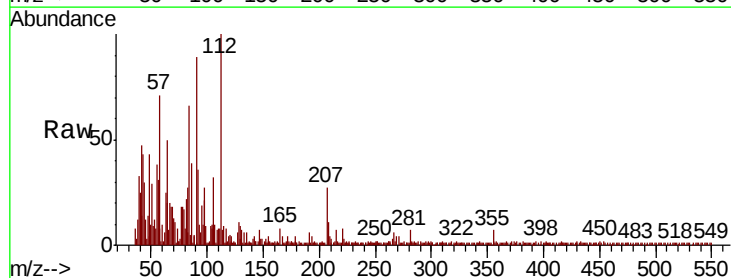
Tot Ion:152 Resp: 242902
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 56.0 43.8 65.6

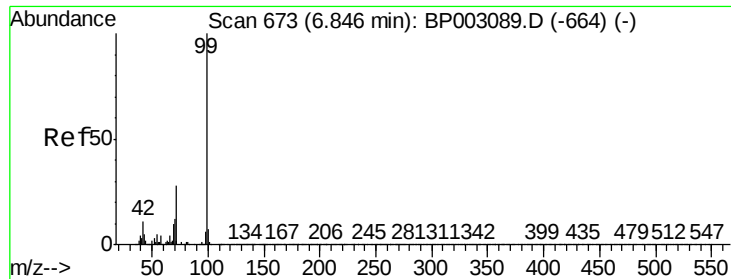


#5

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

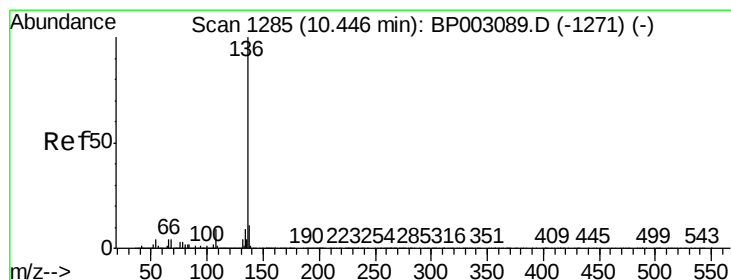
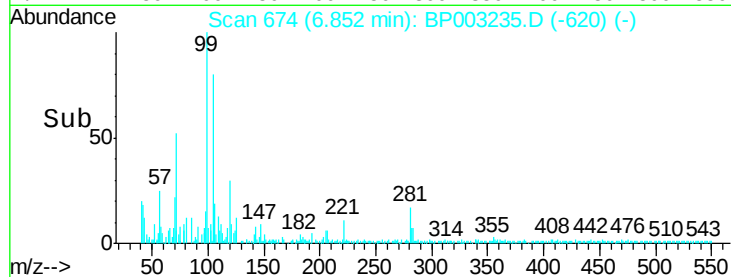
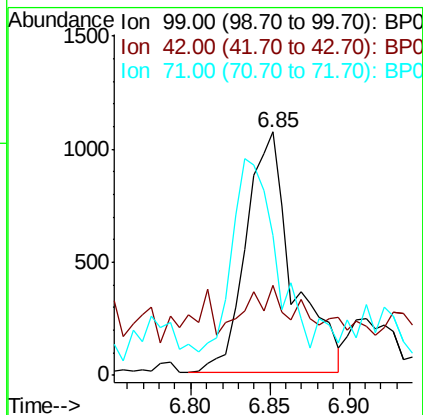
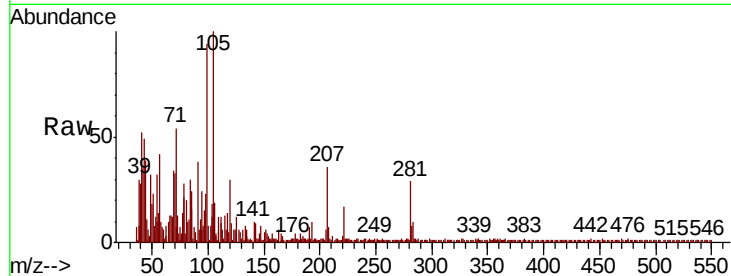
Tot Ion: 99 Resp: 2203

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

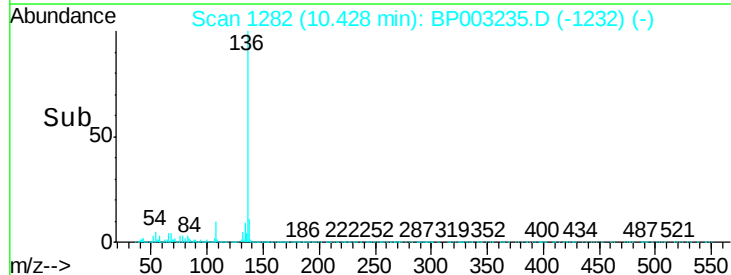
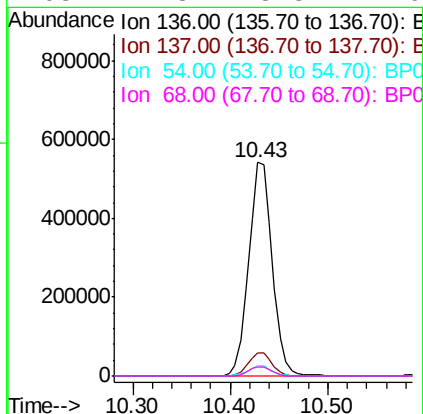
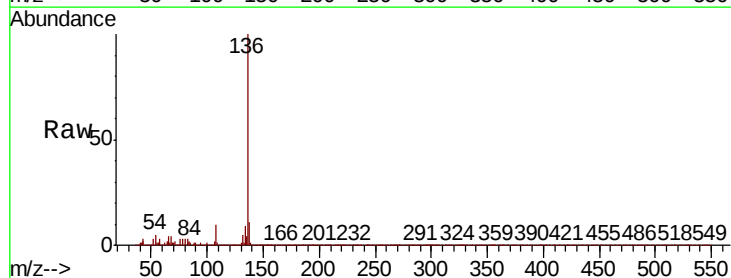
Ion Ratio Lower Upper

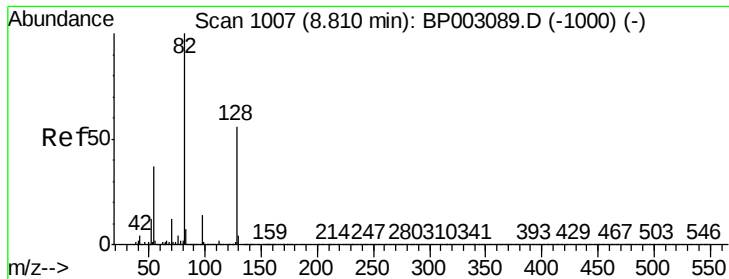
136 100

137 10.9 8.6 13.0

54 4.9 3.6 5.4

68 4.3 3.3 4.9

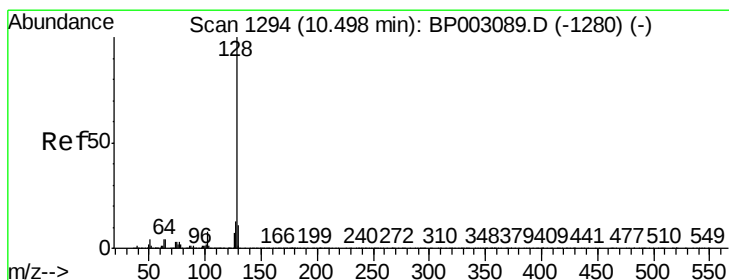
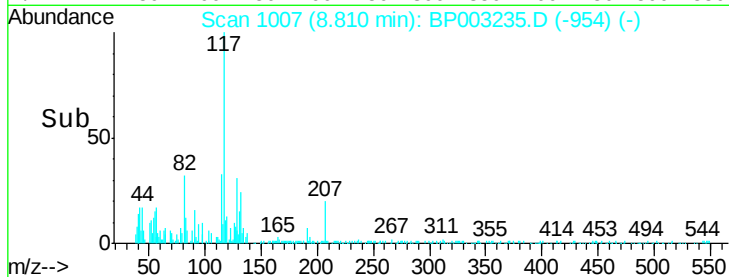
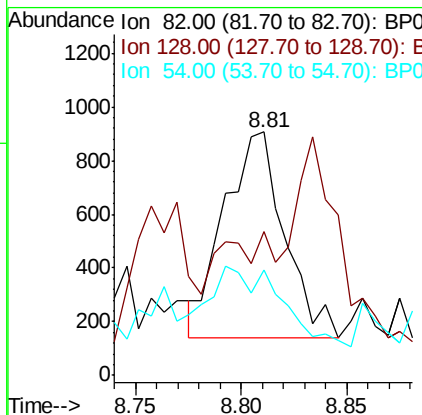
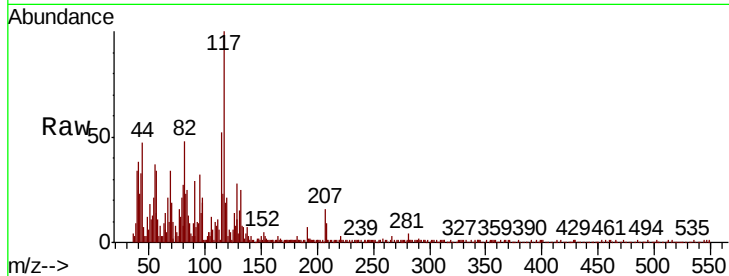




#23
 Nitrobenzene-d5
 Concen: 0.120 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BP003235.D
 Acq: 08 Sep 2020 19:46

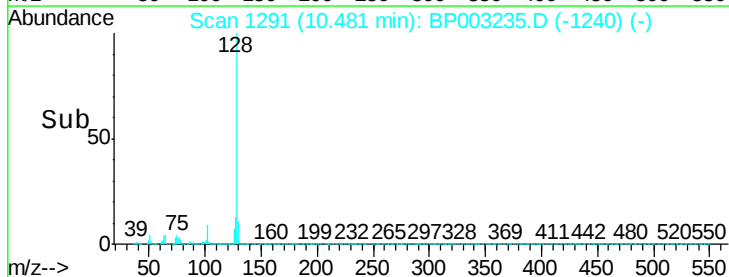
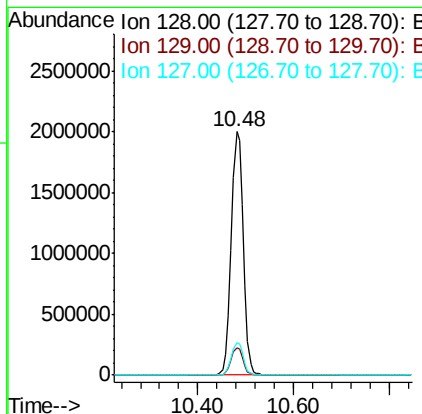
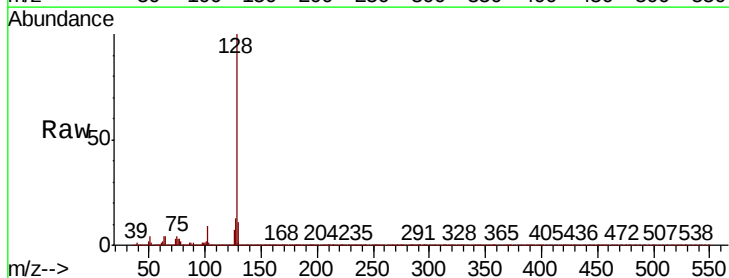
Instrument :
 BNA_P
 ClientSampleId :
 TP-1DL

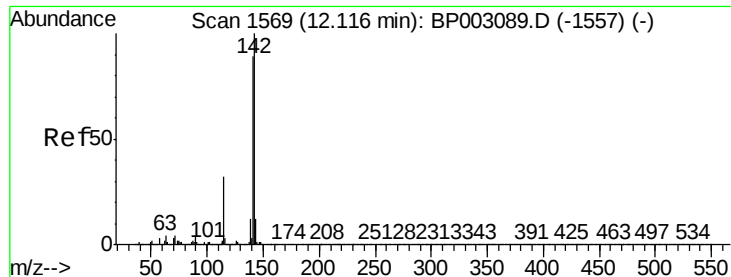
Tot Ion	82.00	Resp	1527
Ion Ratio	Lower	Upper	
82	100		
128	59.0	45.6	68.4
54	43.4	30.1	45.1



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

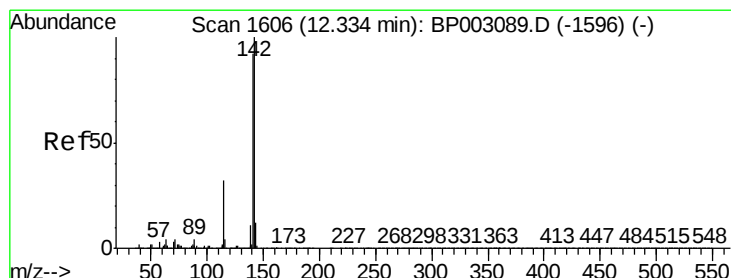
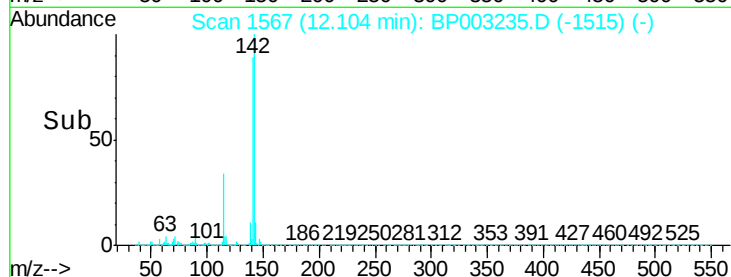
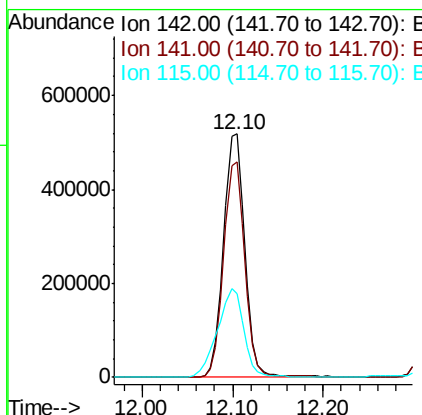
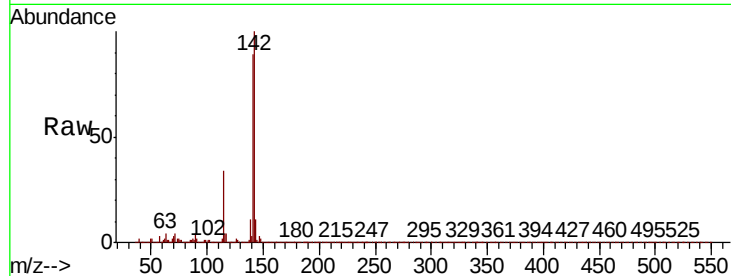




#37
 2-Methylnaphthalene
 Concen: 25.169 ng
 RT: 12.10 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BP003235.D
 Acq: 08 Sep 2020 19:46

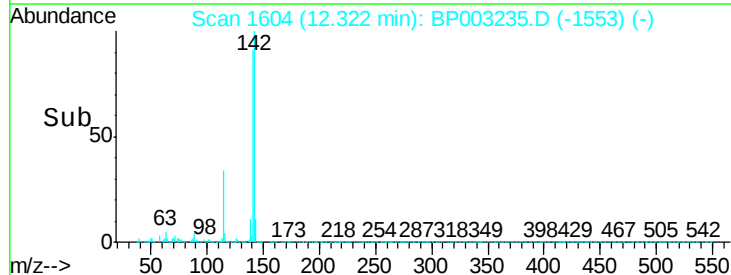
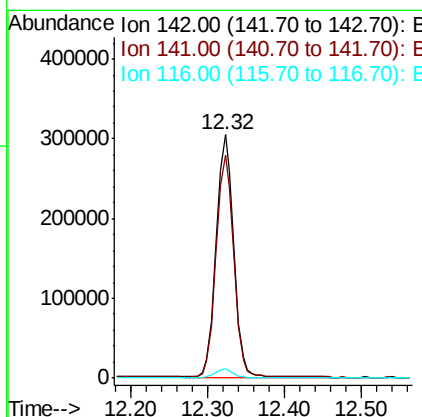
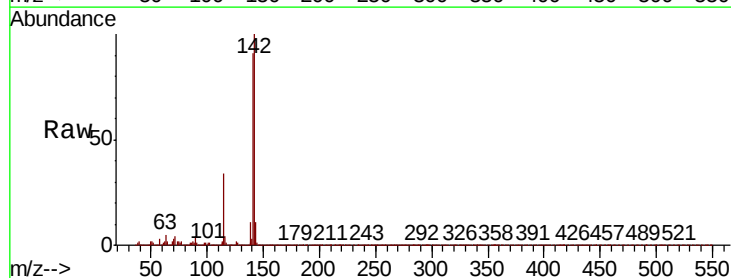
Instrument :
 BNA_P
 ClientSampleId :
 TP-1DL

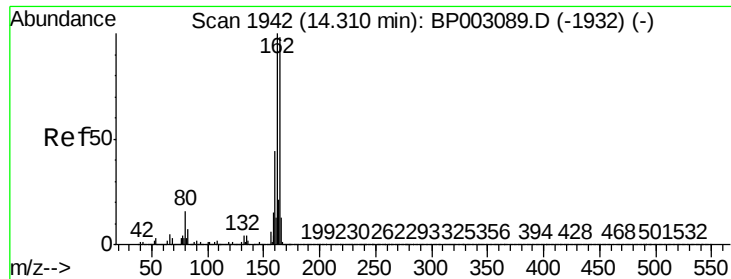
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	34.3	25.8	38.6



#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	Ratio	Lower	Upper
142	100		
141	91.4	74.4	111.6
116	4.0	2.9	4.3





#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

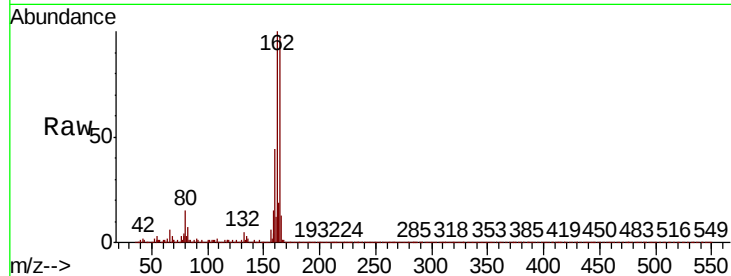
Tot Ion:164 Resp: 487179

Ion Ratio Lower Upper

164 100

162 103.0 79.4 119.2

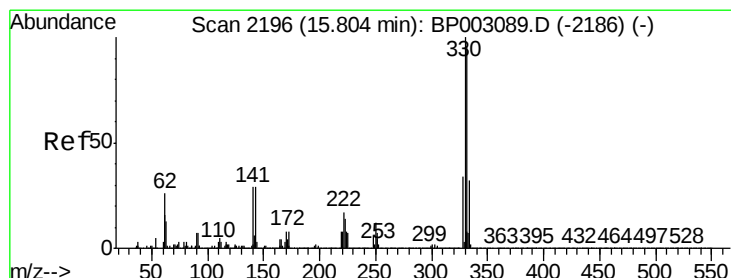
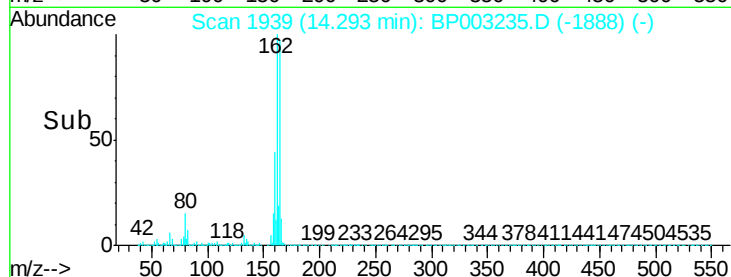
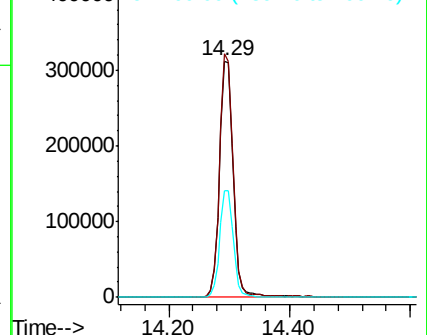
160 44.9 36.1 54.1



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

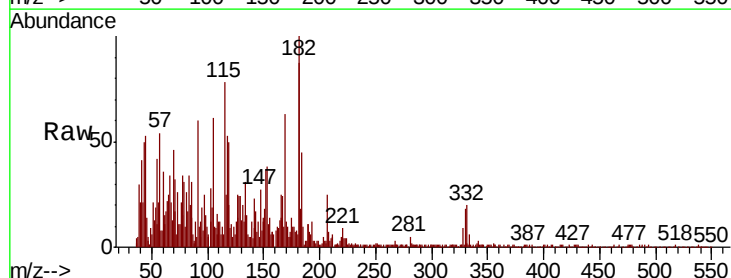
Tgt Ion:330 Resp: 642

Ion Ratio Lower Upper

330 100

332 114.3 77.1 115.7

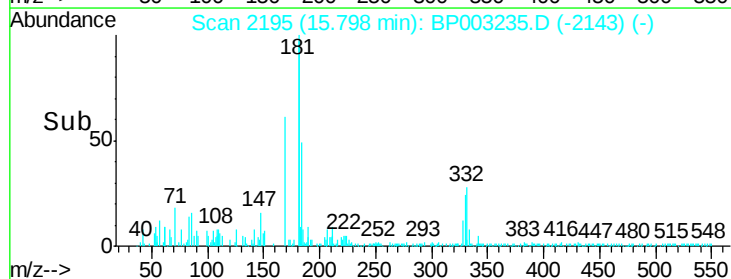
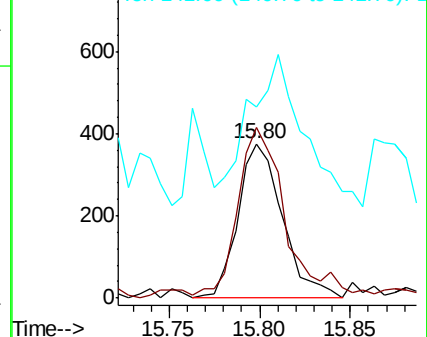
141 121.2 23.4 35.2#

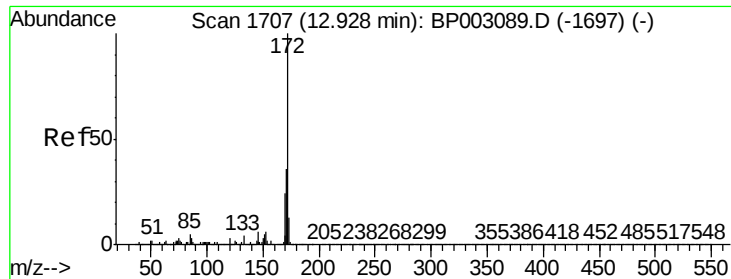


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

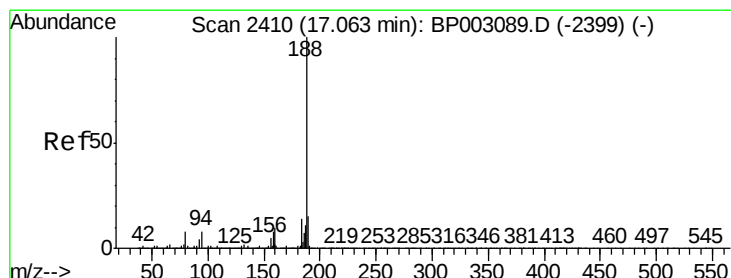
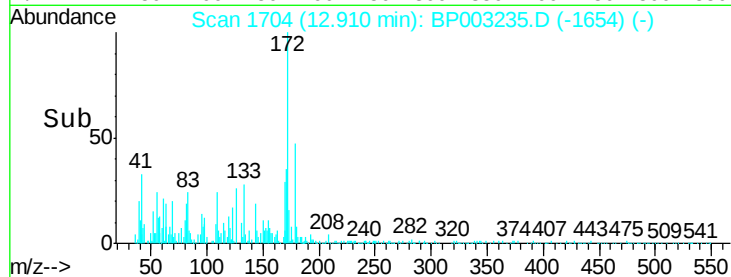
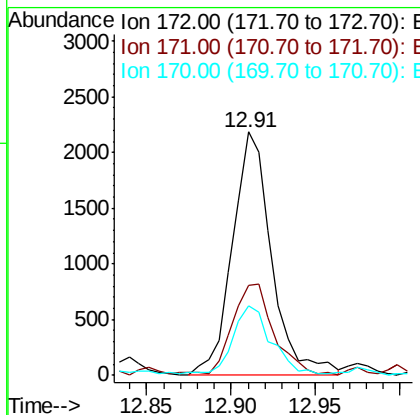
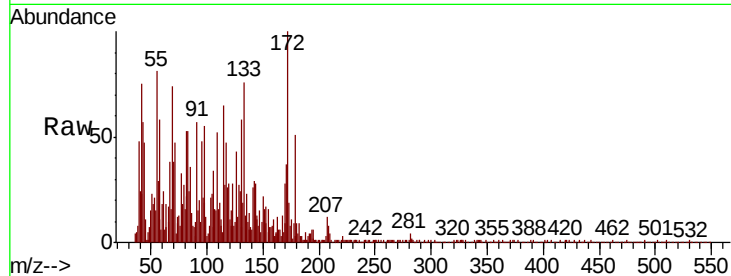




#45
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

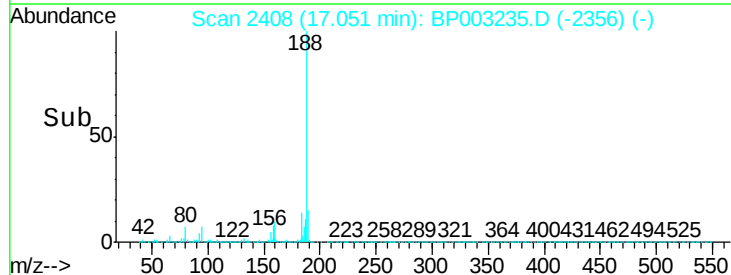
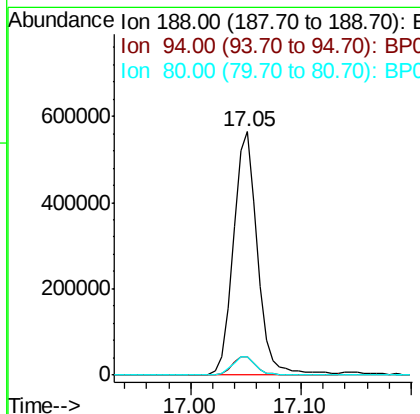
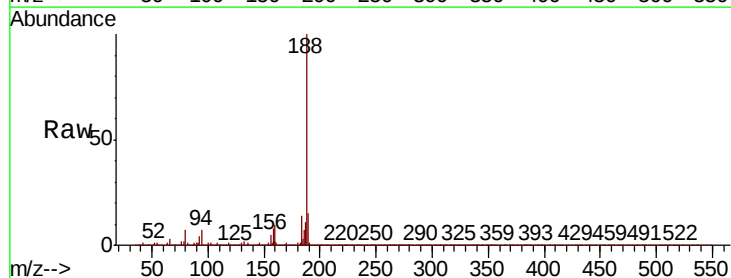
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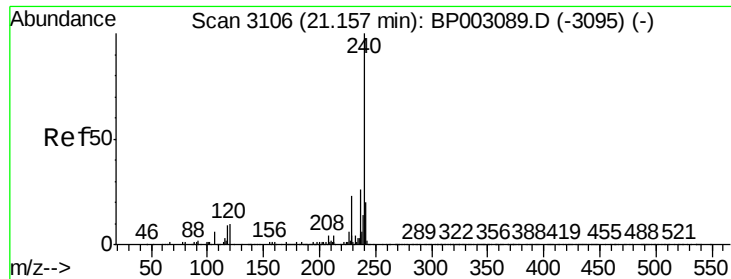
Tot Ion:172 Resp: 3536
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 28.3 19.2 28.8



#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

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

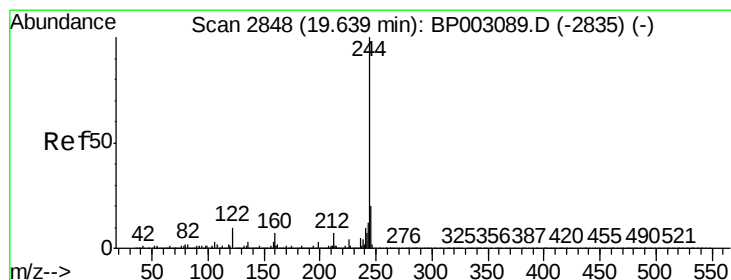
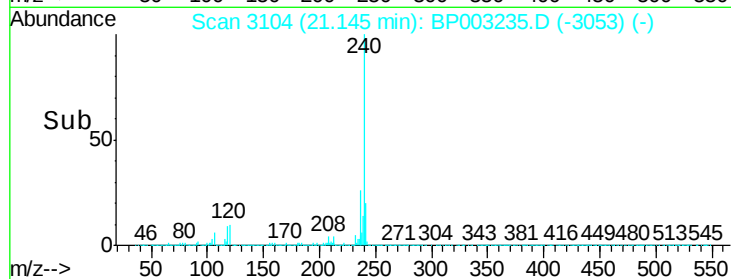
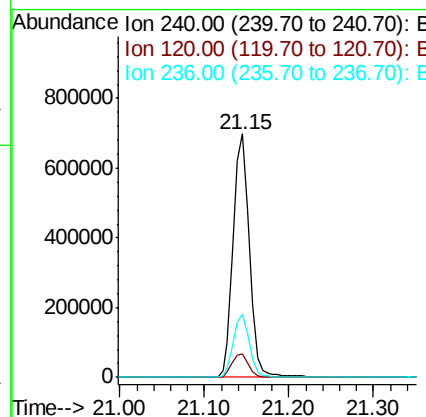
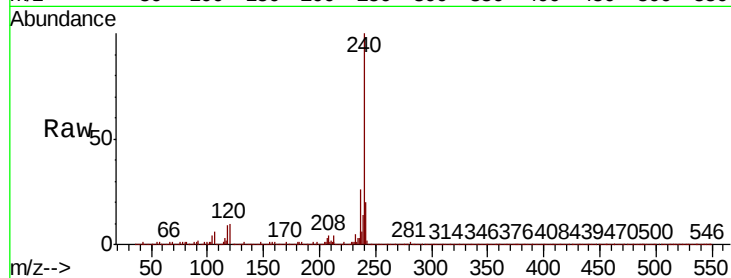




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003235.D
Acq: 08 Sep 2020 19:46

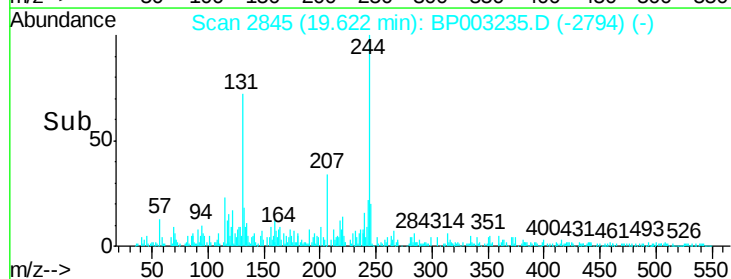
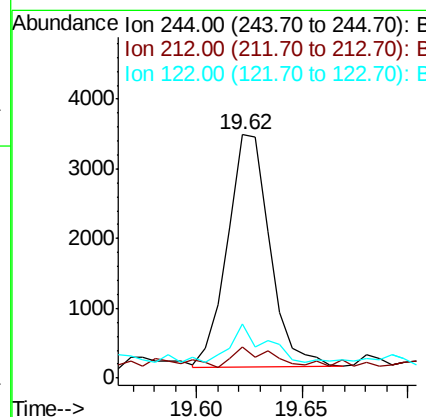
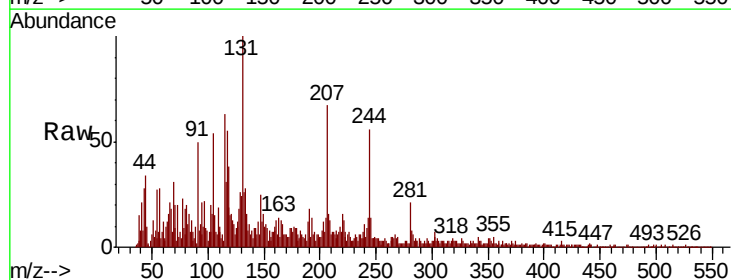
Instrument :
BNA_P
ClientSampleId :
TP-1DL

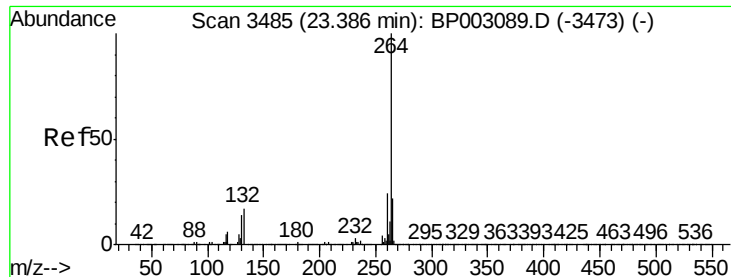
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.8	11.6
236	25.9	20.8	31.2



#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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.9	5.8	8.6#
122	22.3	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: BP003235.D
Acq: 08 Sep 2020 19:46

Instrument :
BNA_P
ClientSampleId :
TP-1DL

Tot Ion:264 Resp: 1022955

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.6	17.4	26.2

