

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002809.D
 Acq On : 21 Jul 2020 11:41
 Operator : CG/JU
 Sample : L3329-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LT-4

Quant Time: Jul 22 05:29:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

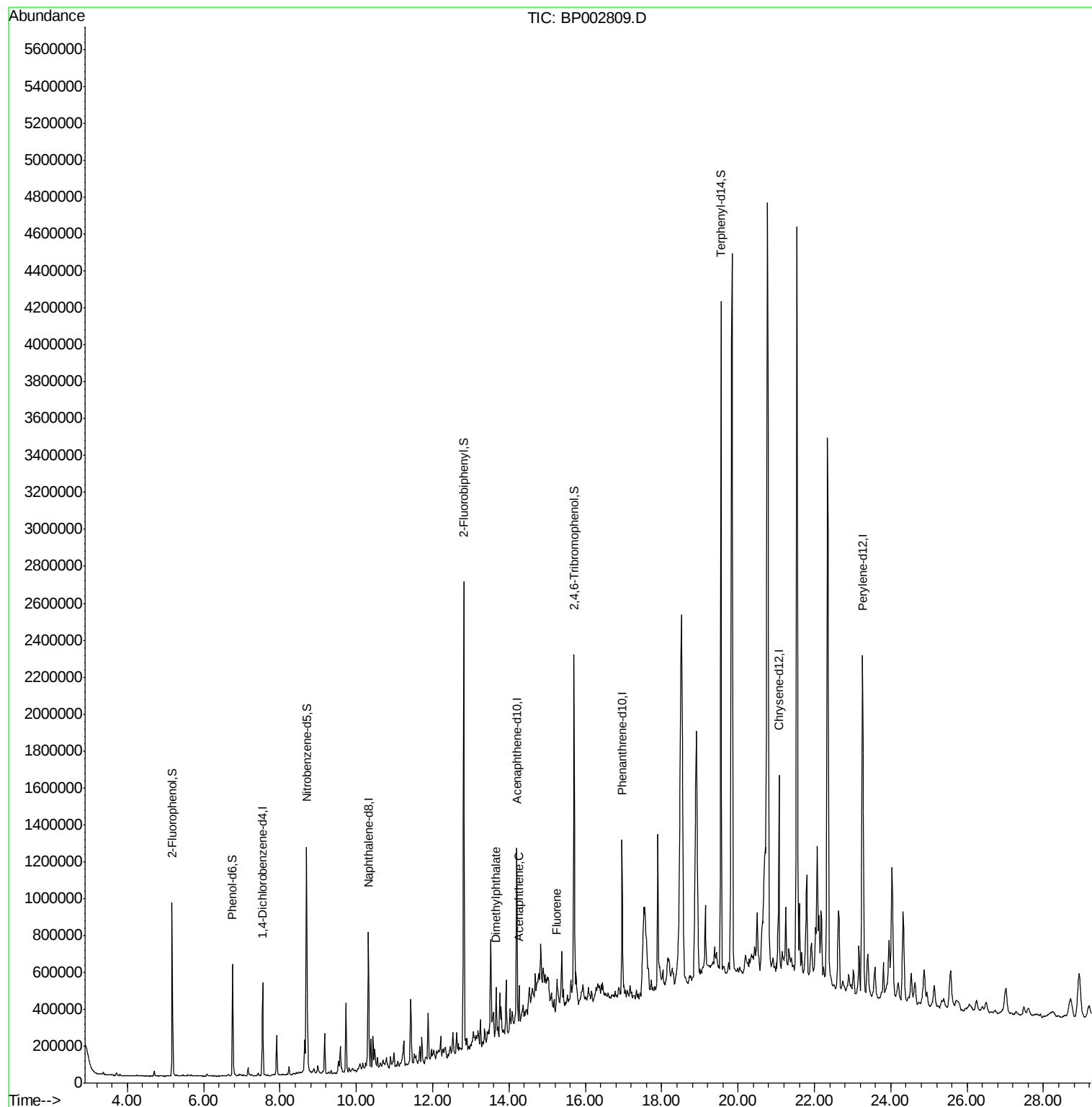
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	136207	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	513034	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	290928	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	523458	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	478424	20.00	ng	0.00
86) Perylene-d12	23.26	264	580905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	429206	53.17	ng	0.00
7) Phenol-d6	6.76	99	383784	33.31	ng	0.00
23) Nitrobenzene-d5	8.69	82	720224	75.08	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	398975	131.38	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1354147	72.01	ng	-0.01
79) Terphenyl-d14	19.55	244	1629155	78.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	168857	7.611	ng	98
52) Acenaphthene	14.26	154	63825	3.846	ng	98
58) Fluorene	15.26	166	46349	2.353	ng	# 94

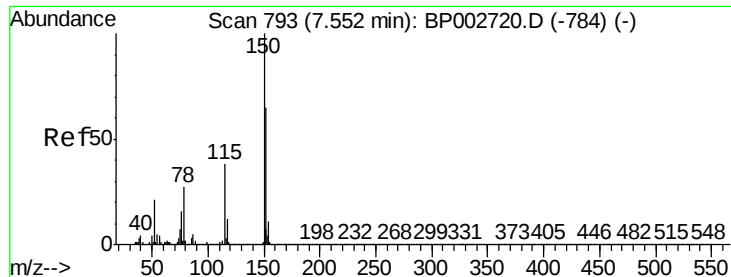
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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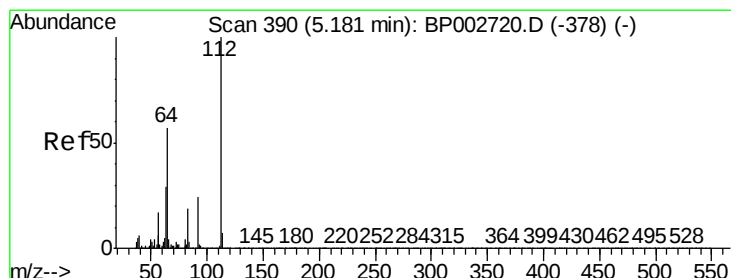
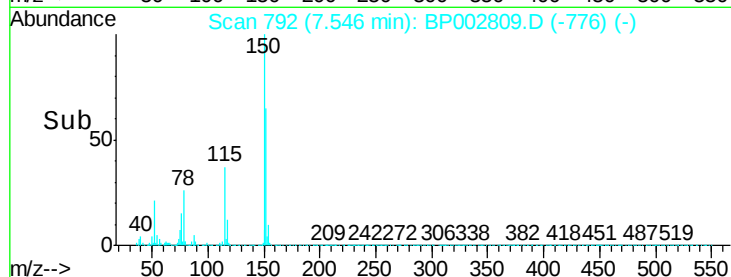
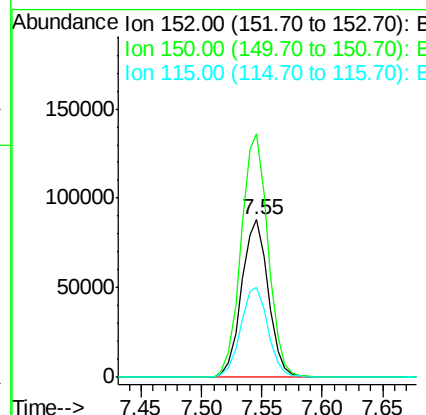
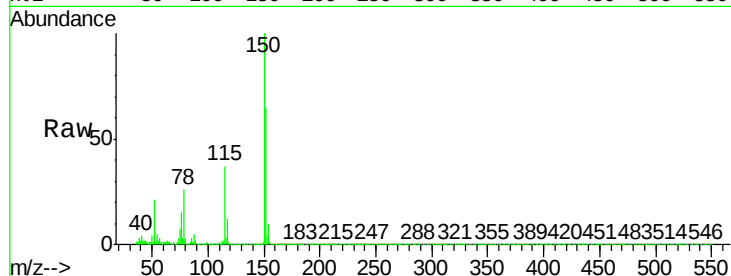


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002809.D
Acq: 21 Jul 2020 11:41

Instrument :
BNA_P
ClientSampleId :
LT-4

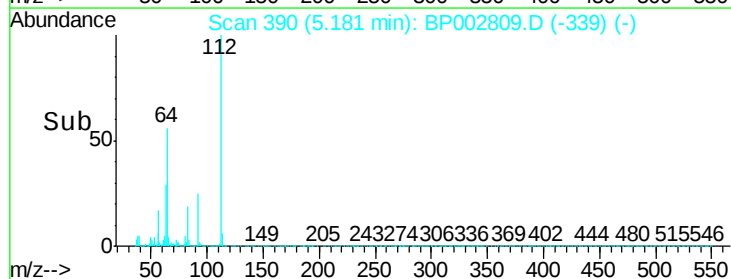
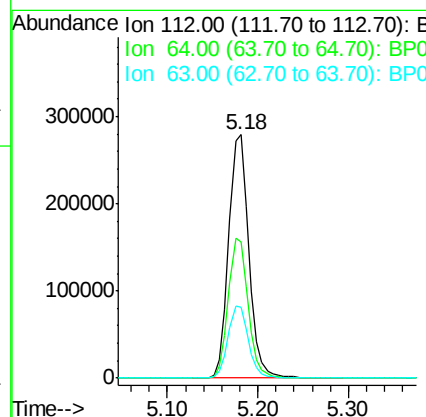
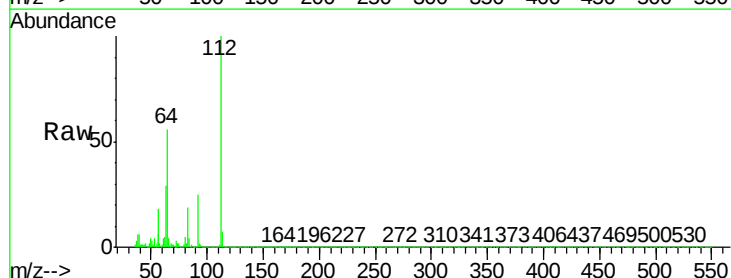
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.7	185.5
115	57.0	47.2	70.8

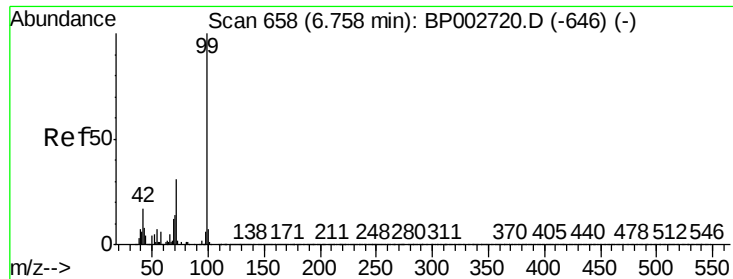


#5

2-Fluorophenol
Concen: 53.165 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002809.D
Acq: 21 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.6	68.4
63	28.8	23.5	35.3





#7

Phenol-d6

Concen: 33.310 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002809.D

Acq: 21 Jul 2020 11:41

Instrument :

BNA_P

ClientSampleId :

LT-4

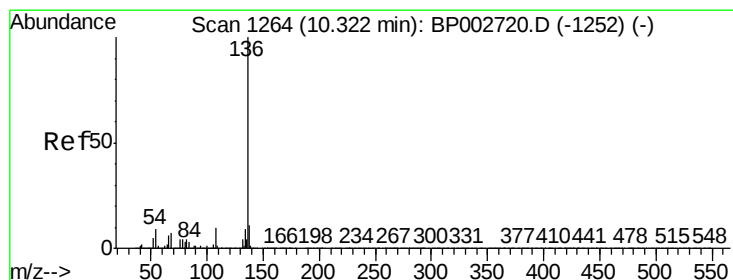
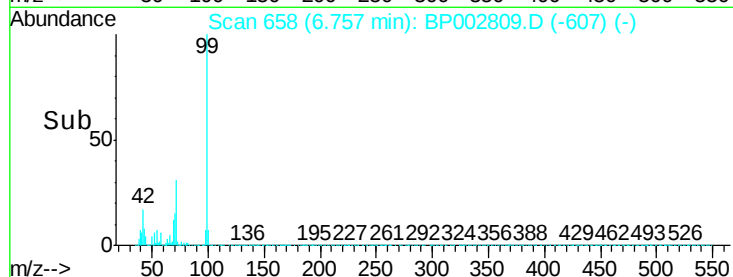
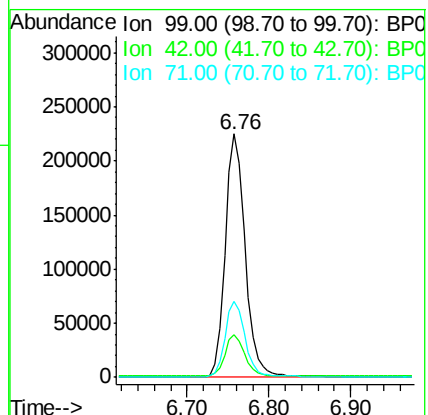
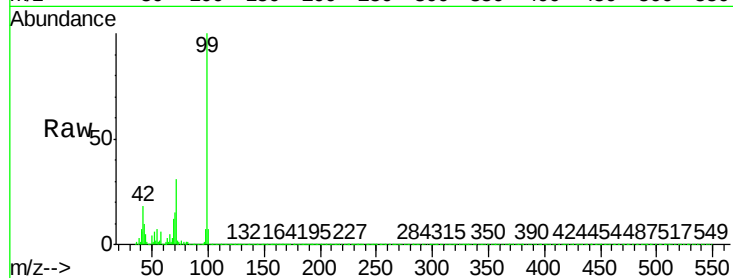
Tot Ion: 99 Resp: 383784

Ion Ratio Lower Upper

99 100

42 17.7 13.4 20.2

71 31.2 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002809.D

Acq: 21 Jul 2020 11:41

Tgt Ion: 136 Resp: 513034

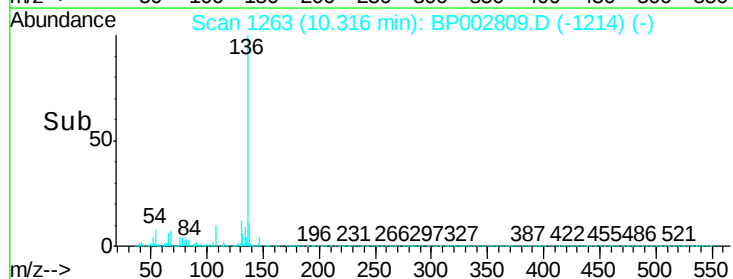
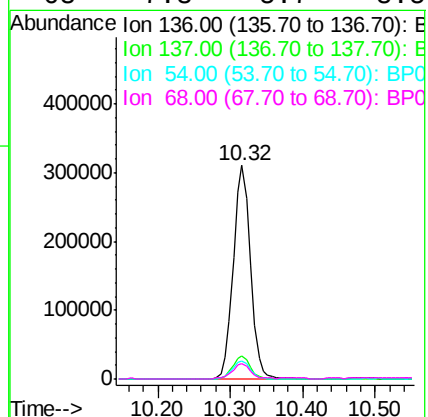
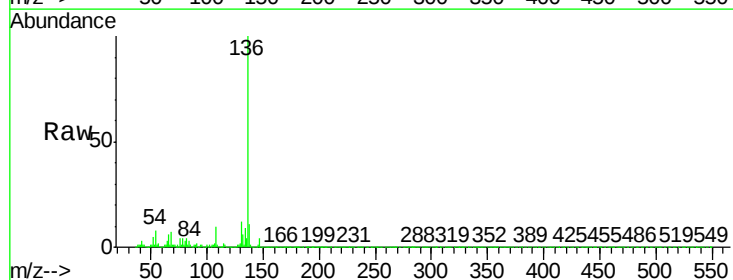
Ion Ratio Lower Upper

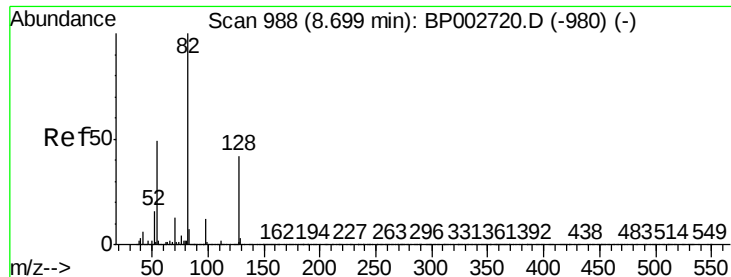
136 100

137 10.7 8.6 13.0

54 8.5 6.9 10.3

68 7.3 5.7 8.5

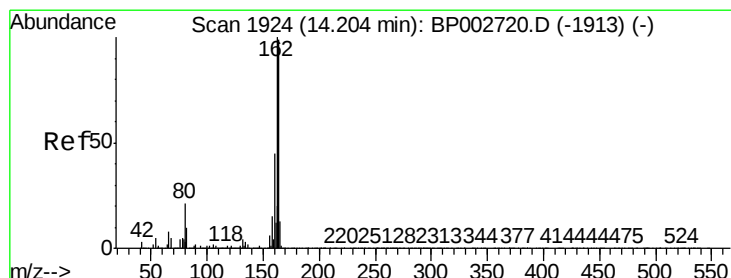
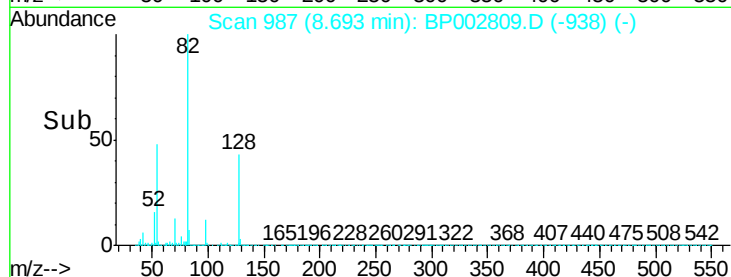
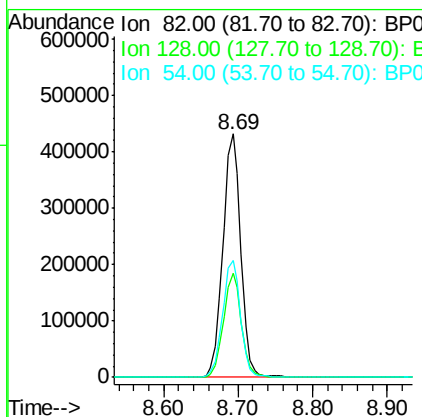
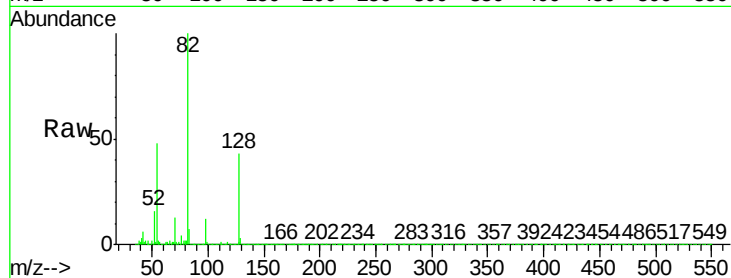




#23
Nitrobenzene-d5
Concen: 75.083 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002809.D
Acq: 21 Jul 2020 11:41

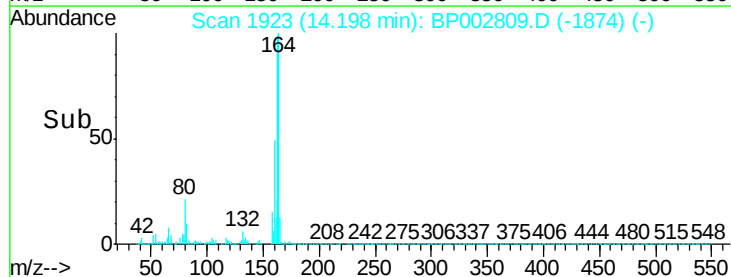
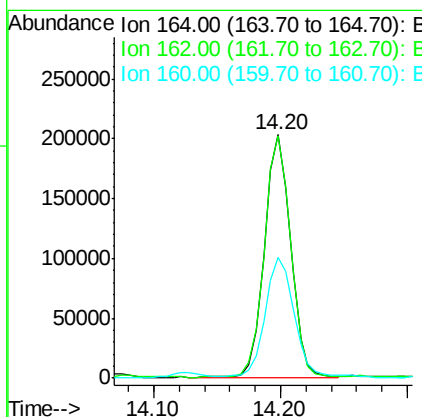
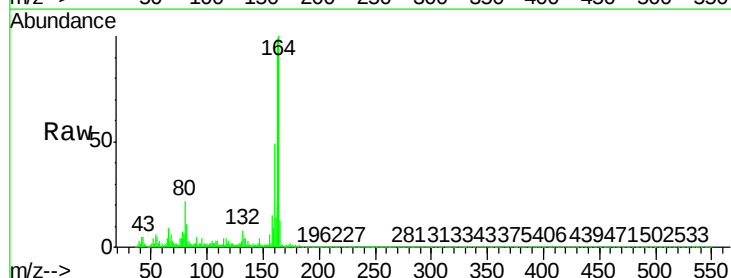
Instrument :
BNA_P
ClientSampleId :
LT-4

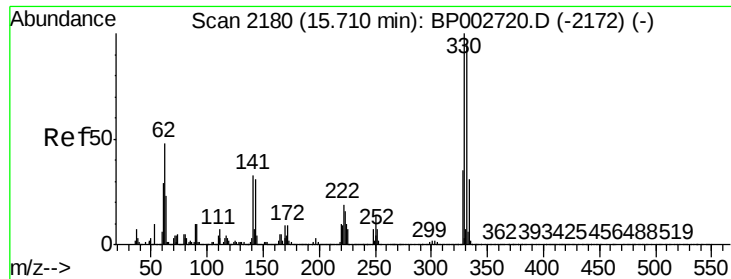
Tot Ion	82	Resp	720224
Ion Ratio	Lower	Upper	
82	100		
128	42.6	33.8	50.8
54	48.2	38.8	58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002809.D
Acq: 21 Jul 2020 11:41

Tgt Ion	164	Resp	290928
Ion Ratio	Lower	Upper	
164	100		
162	99.5	80.6	121.0
160	49.5	36.4	54.6

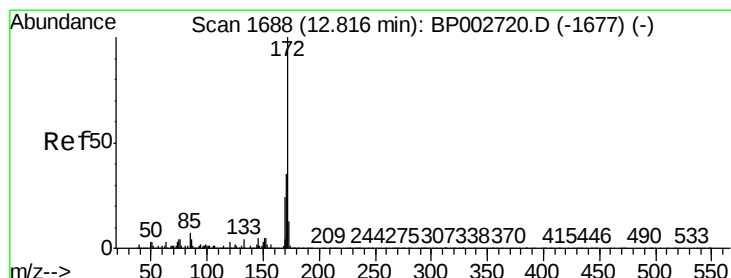
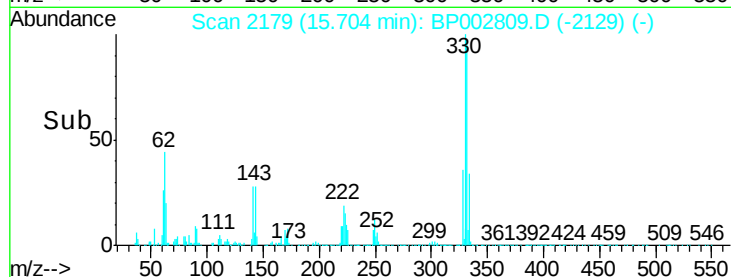
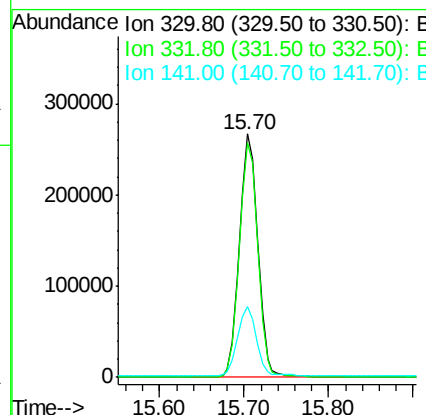
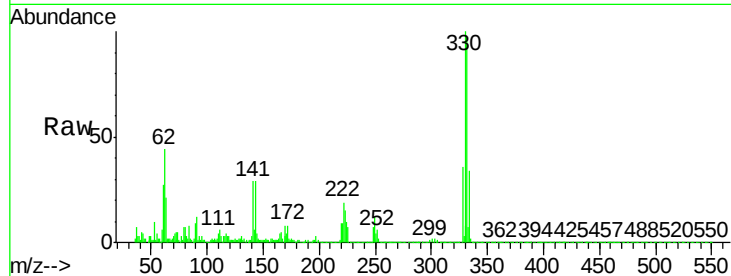




#42
 2,4,6-Tribromophenol
 Concen: 131.379 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002809.D
 Acq: 21 Jul 2020 11:41

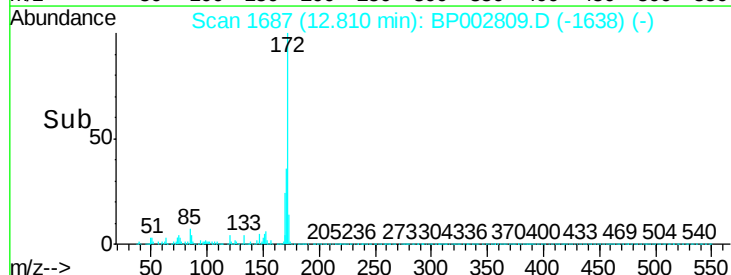
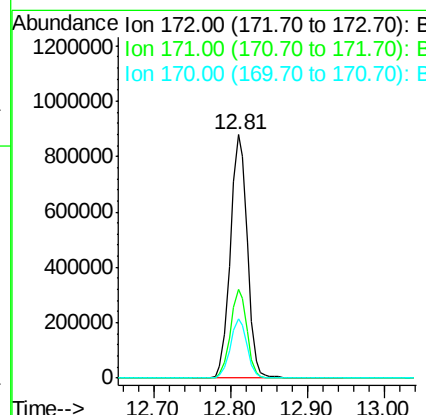
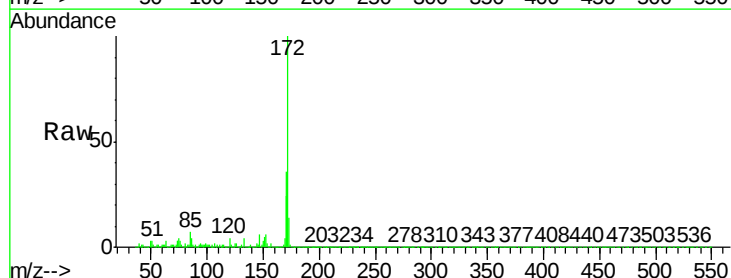
Instrument :
 BNA_P
 ClientSampleId :
 LT-4

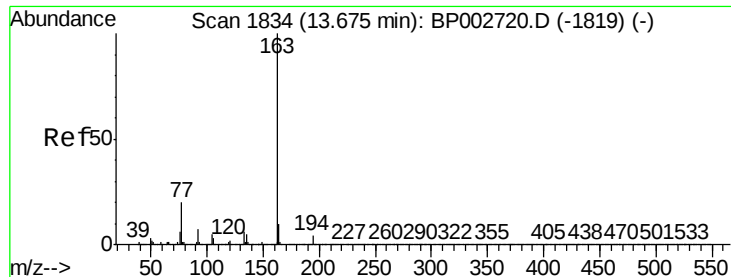
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.5	114.7
141	29.0	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 72.005 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002809.D
 Acq: 21 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.1	42.1
170	24.3	19.3	28.9

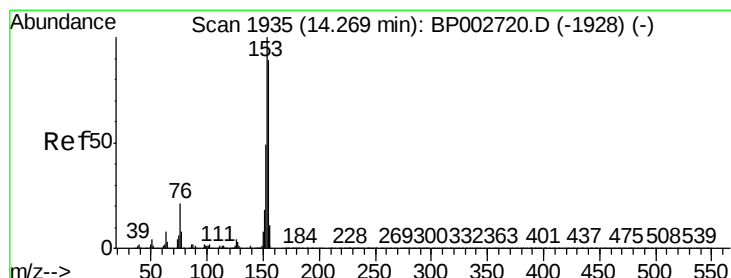
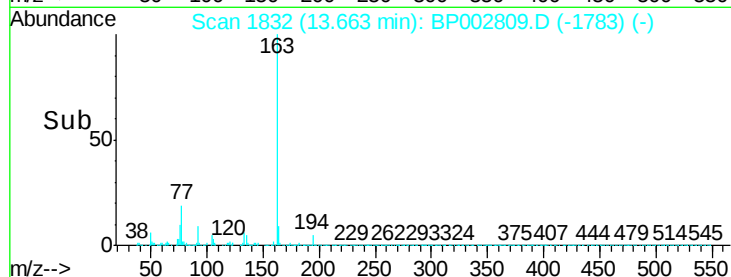
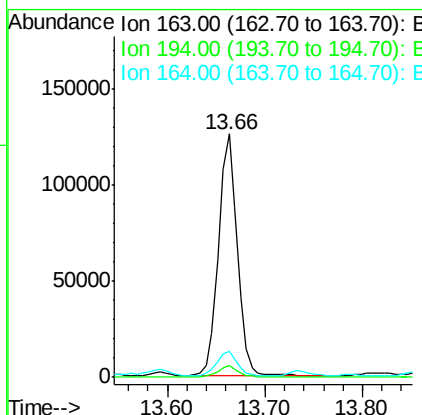
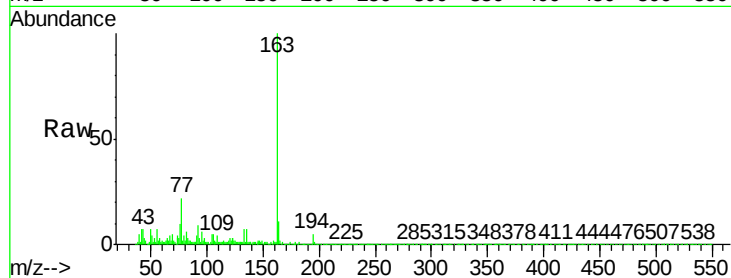




#50
Dimethylphthalate
Concen: 7.611 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002809.D
Acq: 21 Jul 2020 11:41

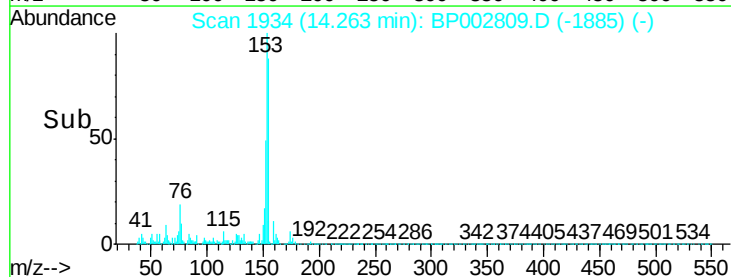
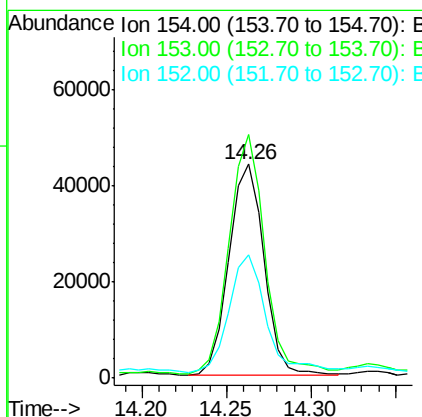
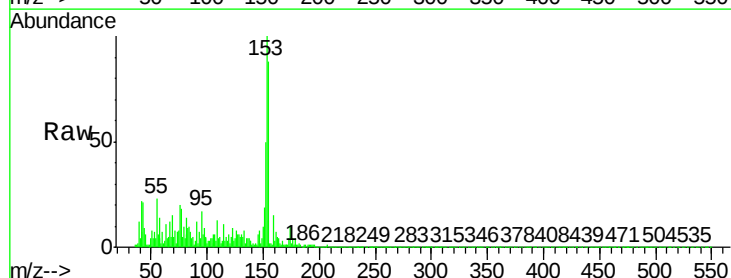
Instrument :
BNA_P
ClientSampleId :
LT-4

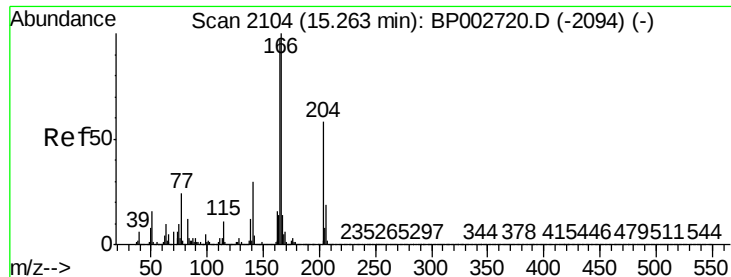
Tot Ion:163 Resp: 168857
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.6 7.8 11.8



#52
Acenaphthene
Concen: 3.846 ng
RT: 14.26 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BP002809.D
Acq: 21 Jul 2020 11:41

Tgt Ion:154 Resp: 63825
Ion Ratio Lower Upper
154 100
153 113.8 90.1 135.1
152 57.4 43.8 65.6





#58

Fluorene

Concen: 2.353 ng

RT: 15.26 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BP002809.D

Acq: 21 Jul 2020 11:41

Instrument :

BNA_P

ClientSampleId :

LT-4

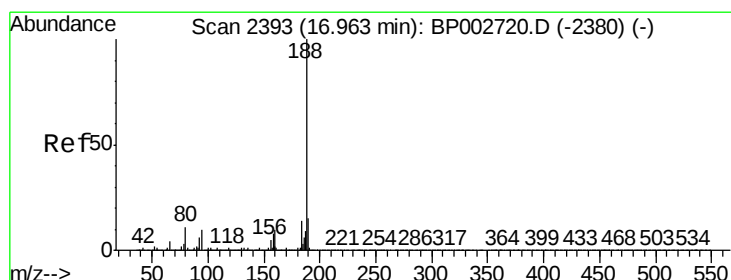
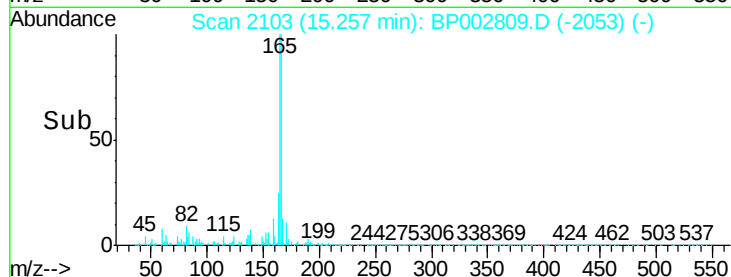
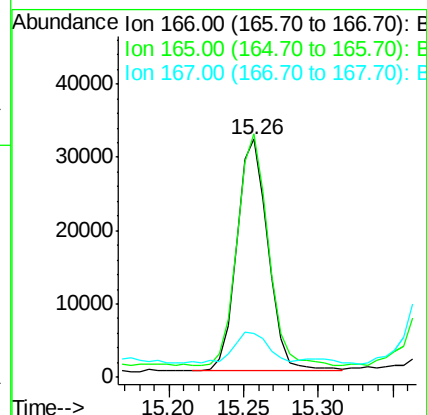
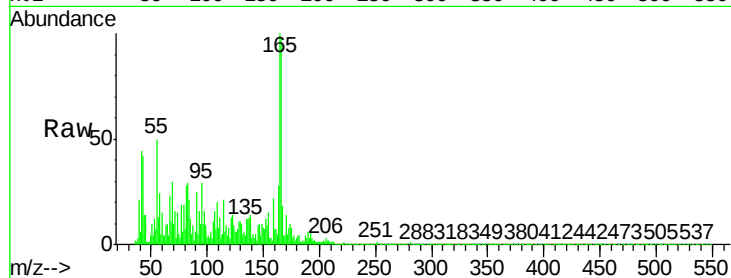
Tot Ion:166 Resp: 46349

Ion Ratio Lower Upper

166 100

165 102.3 77.7 116.5

167 18.7 11.0 16.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BP002809.D

Acq: 21 Jul 2020 11:41

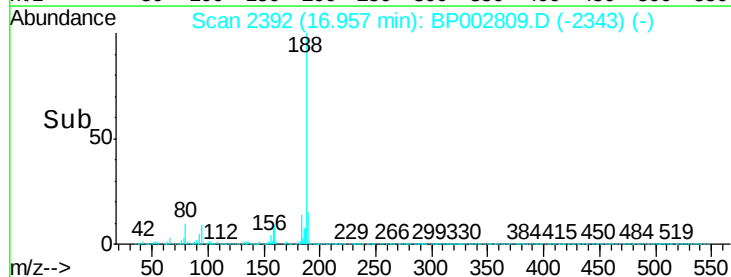
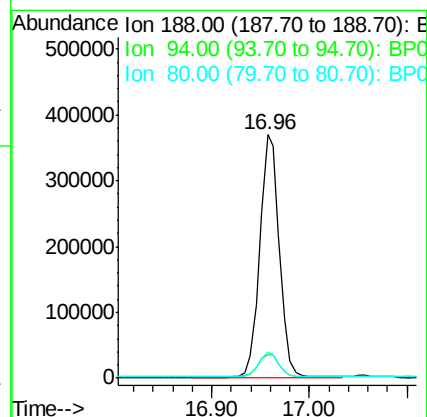
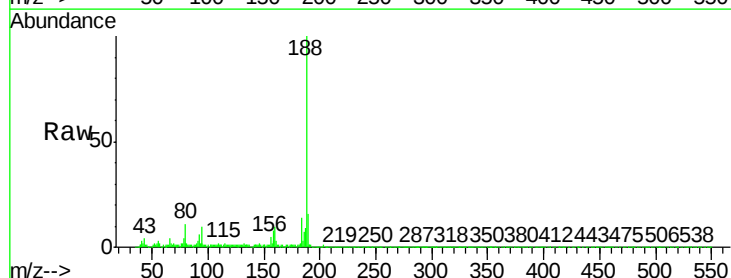
Tgt Ion:188 Resp: 523458

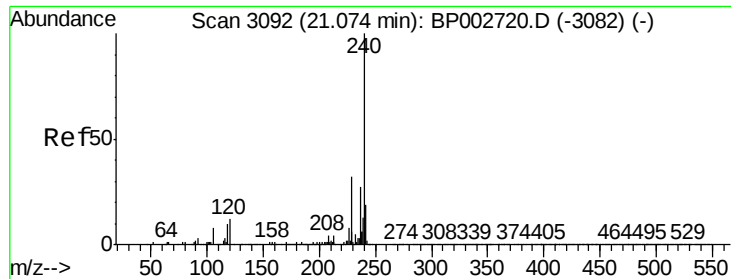
Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

80 10.8 8.9 13.3

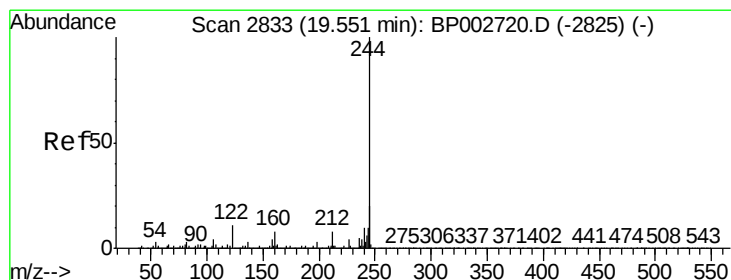
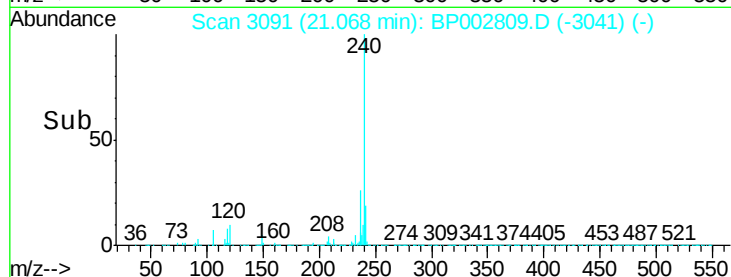
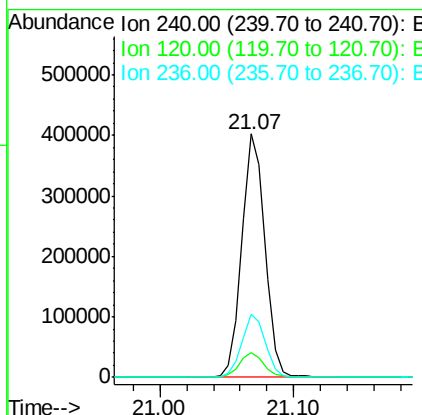
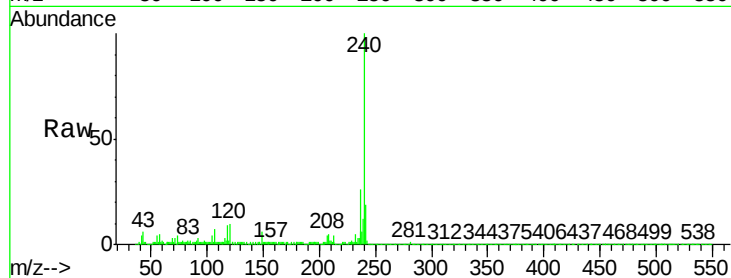




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002809.D
Acq: 21 Jul 2020 11:41

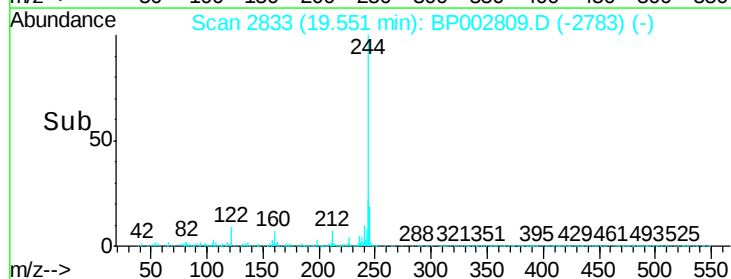
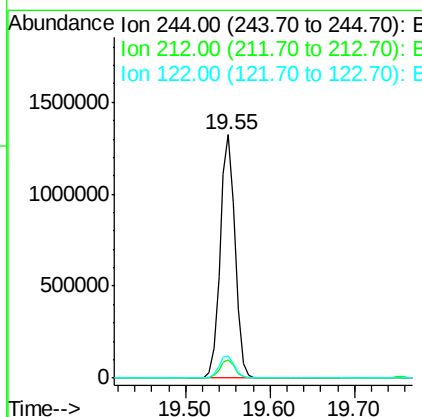
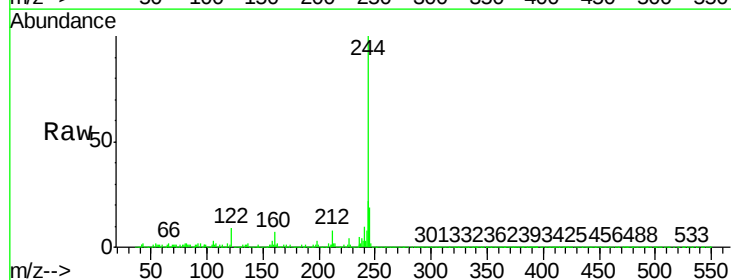
Instrument :
BNA_P
ClientSampleId :
LT-4

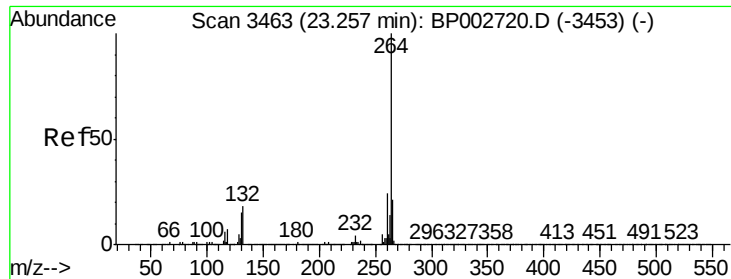
Tot Ion:240 Resp: 478424
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 25.7 21.3 31.9



#79
Terphenyl-d14
Concen: 78.073 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002809.D
Acq: 21 Jul 2020 11:41

Tgt Ion:244 Resp: 1629155
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 9.2 8.9 13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.26 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BP002809.D
 Acq: 21 Jul 2020 11:41

Instrument :
 BNA_P
 ClientSampleId :
 LT-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.2	16.8	25.2

