

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003273.D
 Acq On : 14 Sep 2020 17:49
 Operator : CG/JU
 Sample : L3981-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B17-7-9

Quant Time: Sep 14 18:31:42 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

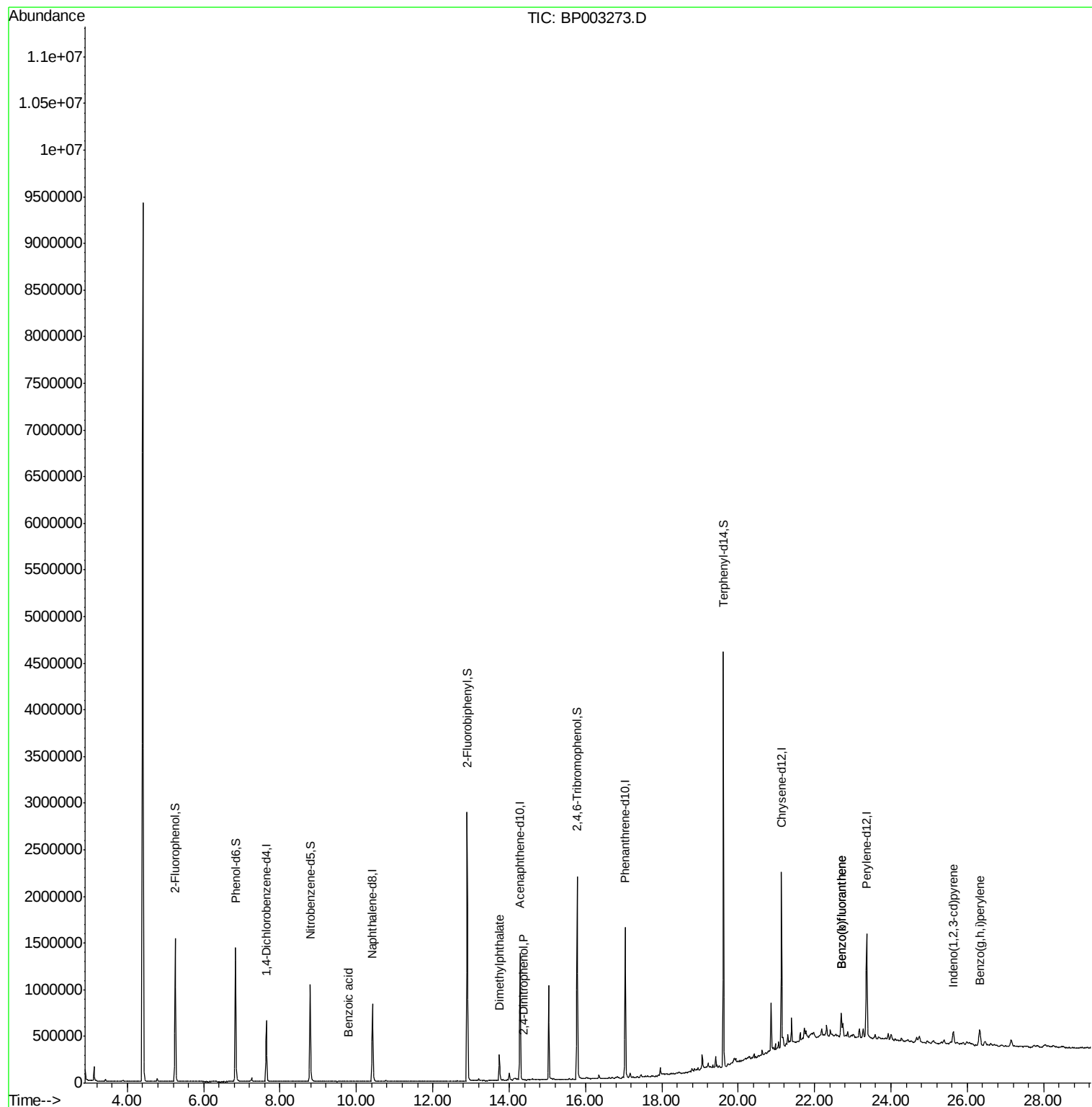
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	202871	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	834947	20.00	ng	-0.02
39) Acenaphthene-d10	14.28	164	502549	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	1027200	20.00	ng	0.00
76) Chrysene-d12	21.13	240	859017	20.00	ng	-0.01
86) Perylene-d12	23.36	264	826270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	817305	71.23	ng	0.00
7) Phenol-d6	6.83	99	1012235	70.37	ng	0.00
23) Nitrobenzene-d5	8.79	82	630523	54.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	507432	74.66	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	1682348	49.02	ng	-0.02
79) Terphenyl-d14	19.61	244	2001806	51.28	ng	-0.01
Target Compounds						
32) Benzoic acid	9.78	122	255	9.023	ng	# 68
50) Dimethylphthalate	13.75	163	228452	5.961	ng	100
54) 2,4-Dinitrophenol	14.39	184	39	7.763	ng	# 1
87) Indeno(1,2,3-cd)pyrene	25.63	276	137688	2.235	ng	94
88) Benzo(b)fluoranthene	22.70	252	147349	2.869	ng	# 92
89) Benzo(k)fluoranthene	22.70	252	147349	3.003	ng	# 93
92) Benzo(g,h,i)perylene	26.32	276	227052	4.470	ng	98

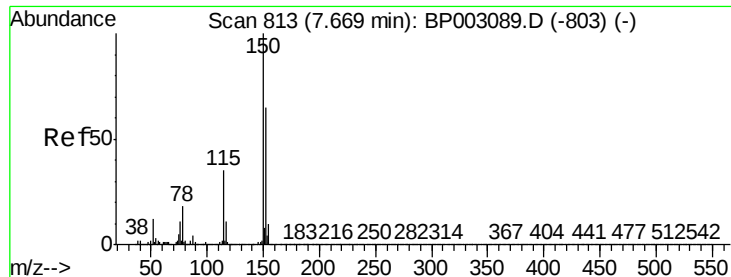
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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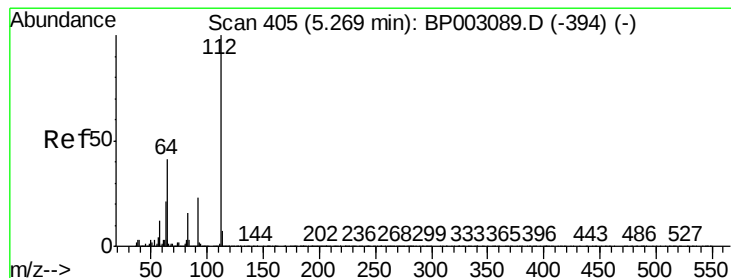
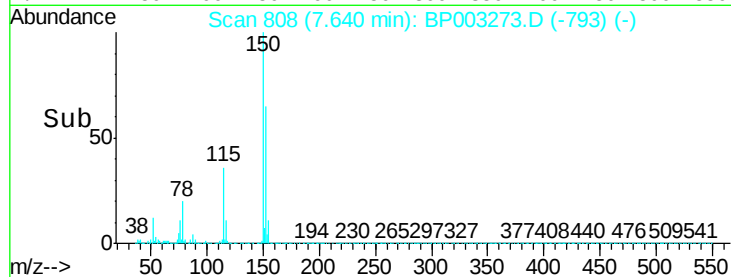
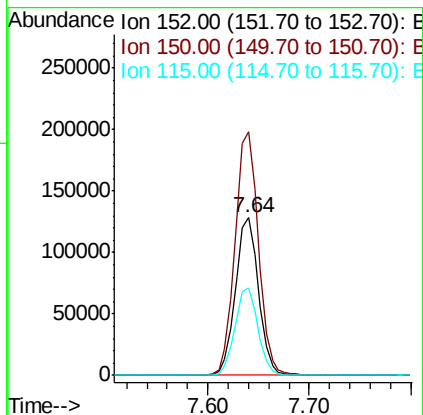
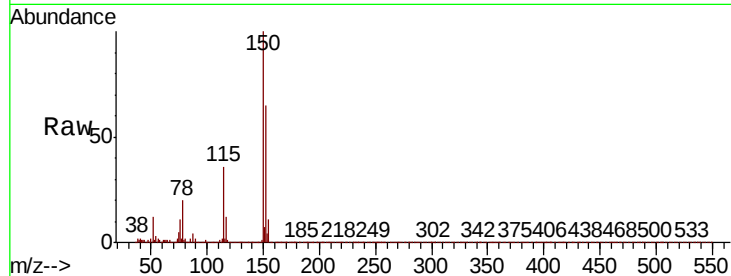


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

Instrument :
BNA_P
ClientSampleId :
B17-7-9

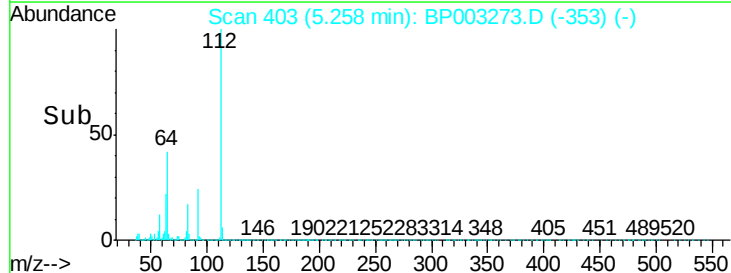
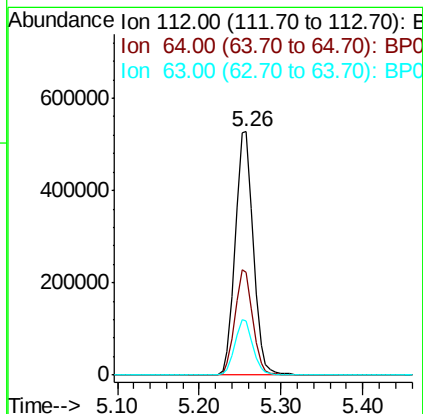
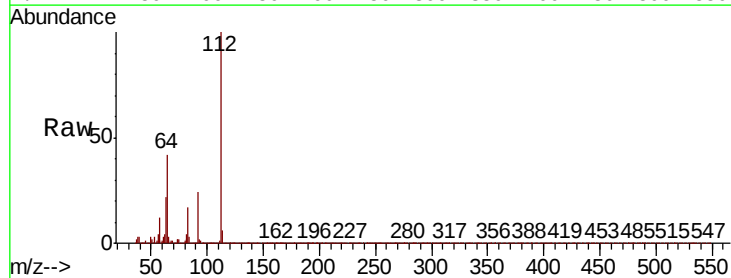
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	55.9	43.8	65.6

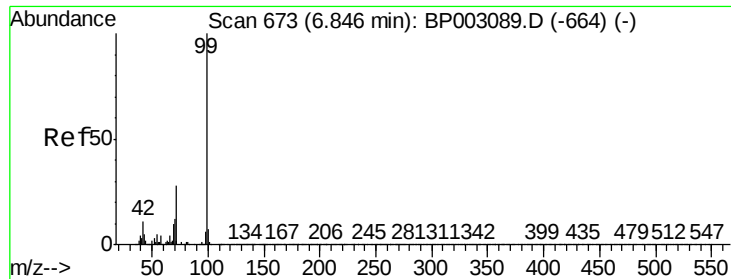


#5

2-Fluorophenol
Concen: 71.228 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.0	32.8	49.2
63	22.1	17.0	25.4





#7

Phenol-d6

Concen: 70.372 ng

RT: 6.83 min Scan# 671

Delta R.T. 0.00 min

Lab File: BP003273.D

Acq: 14 Sep 2020 17:49

Instrument :

BNA_P

ClientSampleId :

B17-7-9

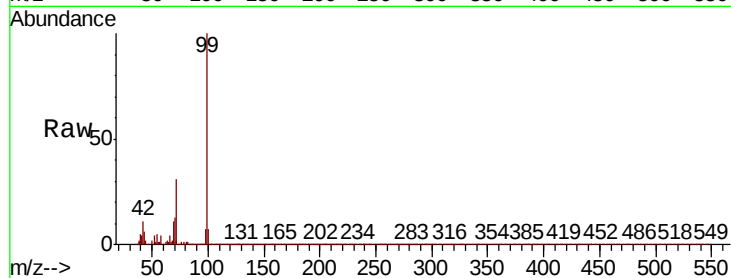
Tot Ion: 99 Resp: 1012235

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.6	13.0
71	31.0	23.4	35.2

99 100

42 11.2 8.6 13.0

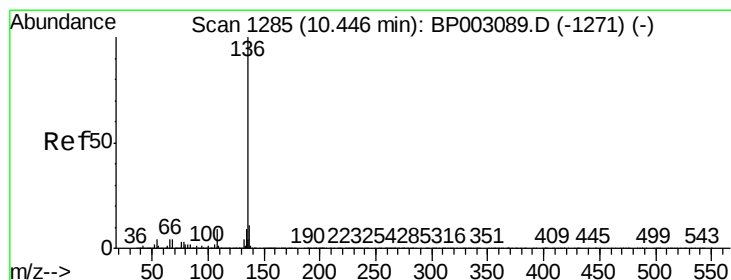
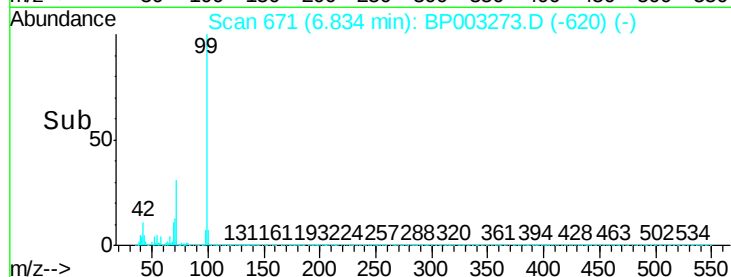
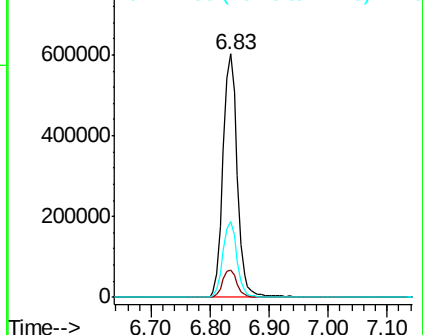
71 31.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BP003273.D

Acq: 14 Sep 2020 17:49

Tgt Ion: 136 Resp: 834947

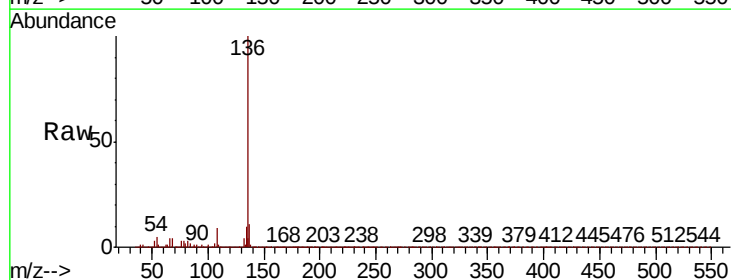
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	4.7	3.6	5.4
68	4.4	3.3	4.9

136 100

137 10.6 8.6 13.0

54 4.7 3.6 5.4

68 4.4 3.3 4.9

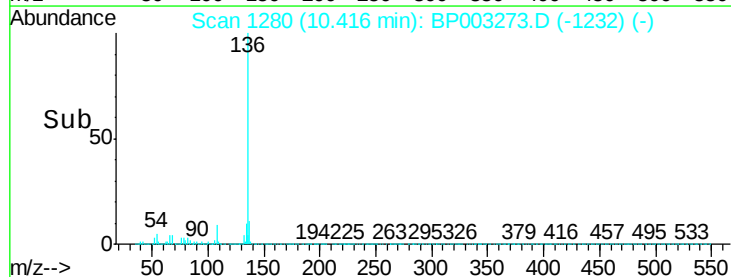
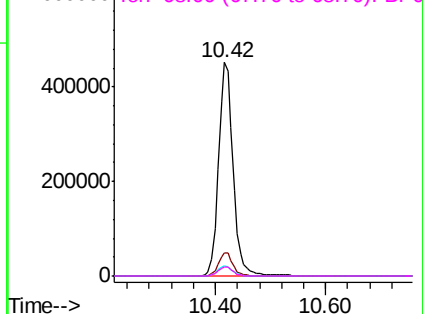


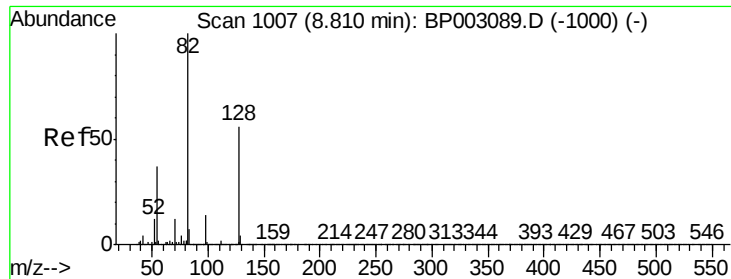
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

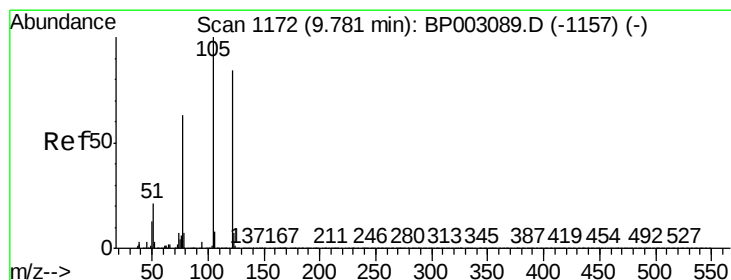
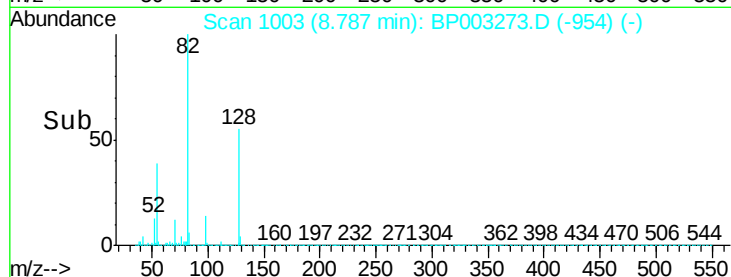
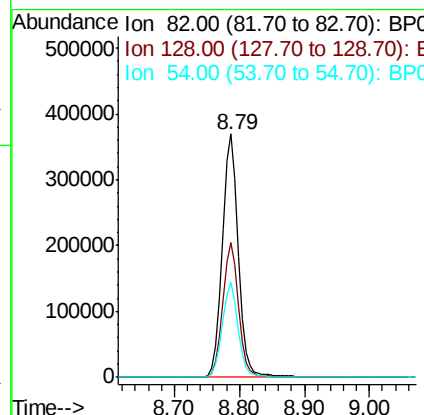
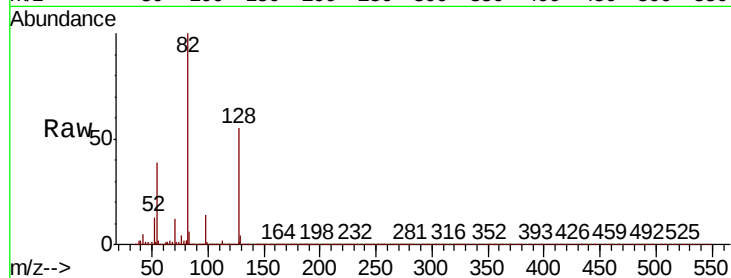




#23
Nitrobenzene-d5
Concen: 54.440 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

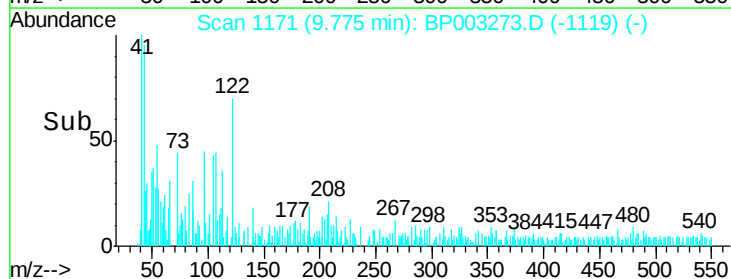
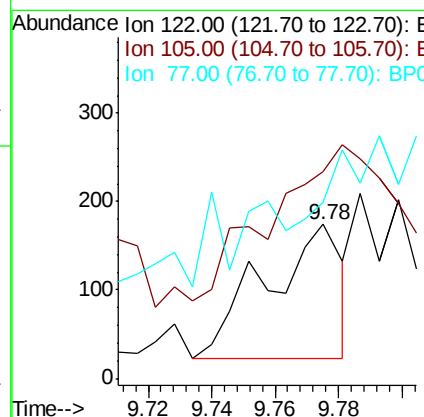
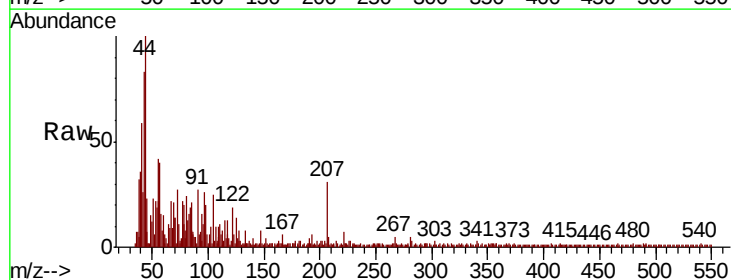
Instrument :
BNA_P
ClientSampleId :
B17-7-9

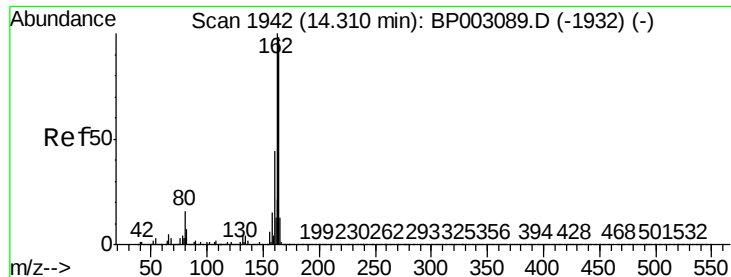
Tot Ion	82	Resp	630523
Ion Ratio	100	Lower	Upper
128	55.2	45.6	68.4
54	38.9	30.1	45.1



#32
Benzoic acid
Concen: 9.023 ng
RT: 9.78 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

Tgt Ion	122	Resp	255
Ion Ratio	100	Lower	Upper
105	134.5	94.1	134.1#
77	114.4	50.1	90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BP003273.D

Acq: 14 Sep 2020 17:49

Instrument :

BNA_P

ClientSampleId :

B17-7-9

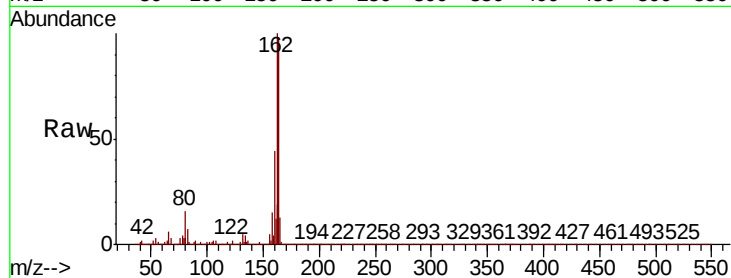
Tot Ion:164 Resp: 502549

Ion Ratio Lower Upper

164 100

162 102.4 79.4 119.2

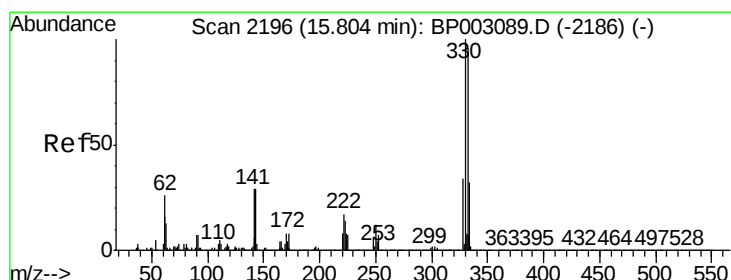
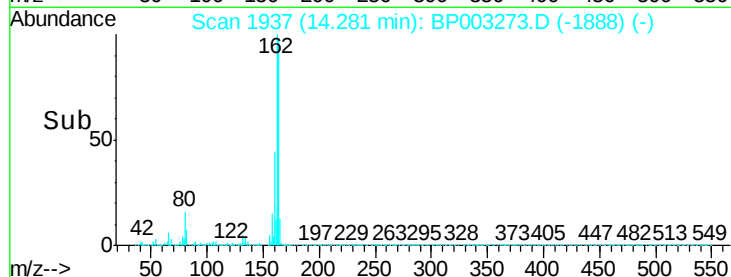
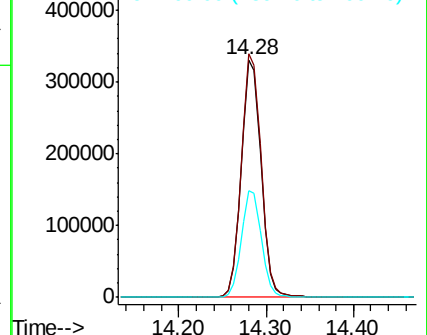
160 45.0 36.1 54.1



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: 74.657 ng

RT: 15.78 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BP003273.D

Acq: 14 Sep 2020 17:49

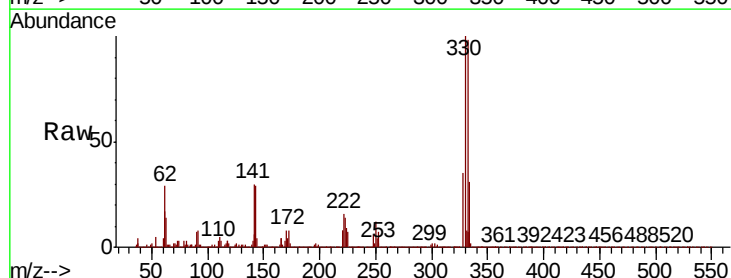
Tgt Ion:330 Resp: 507432

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

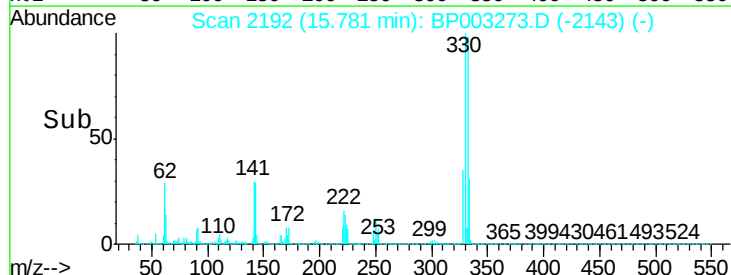
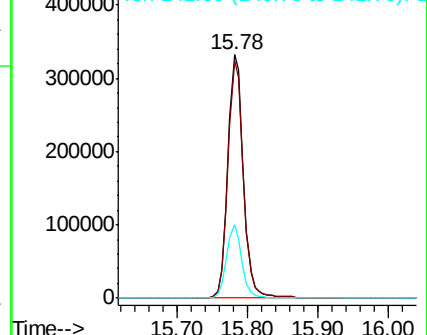
141 29.3 23.4 35.2

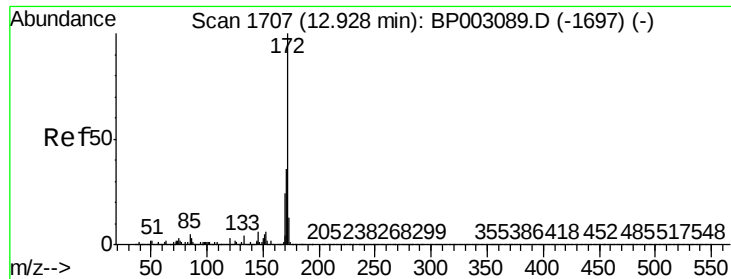


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

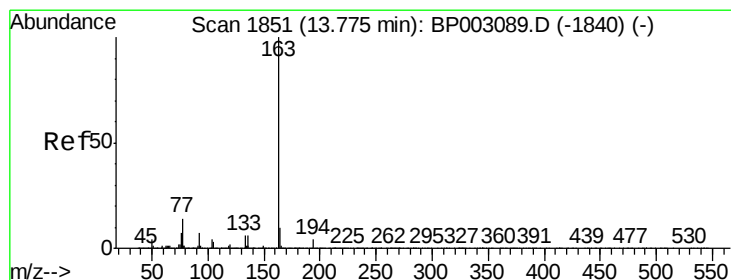
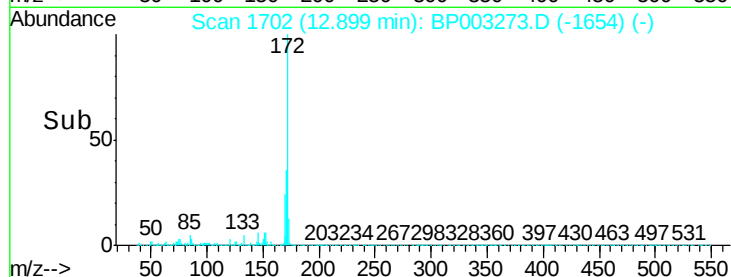
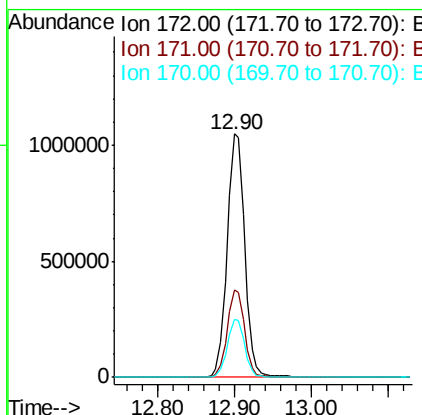
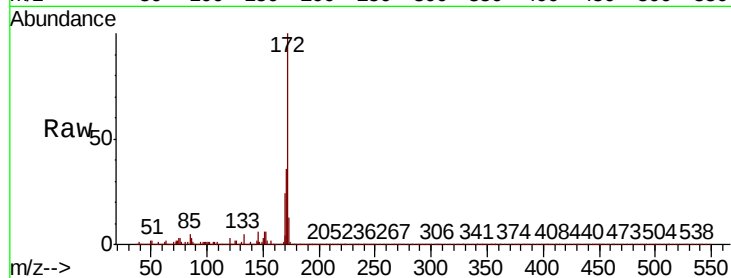




#45
2-Fluorobiphenyl
Concen: 49.024 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

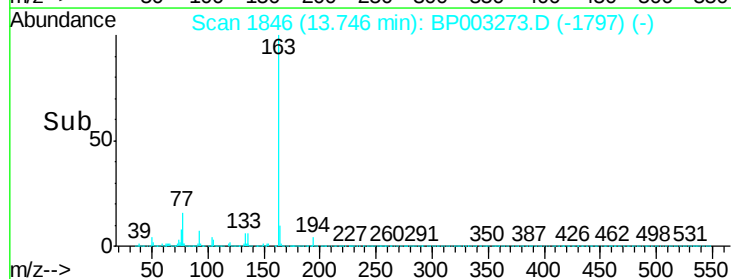
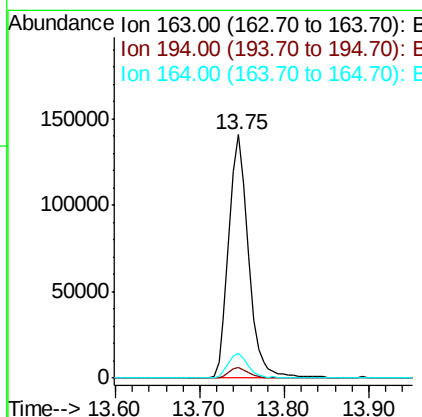
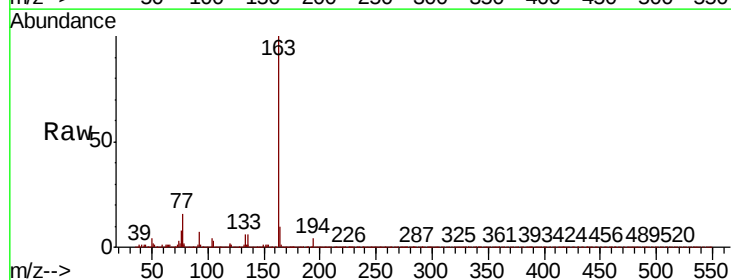
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BNA_P
ClientSampleId :
B17-7-9

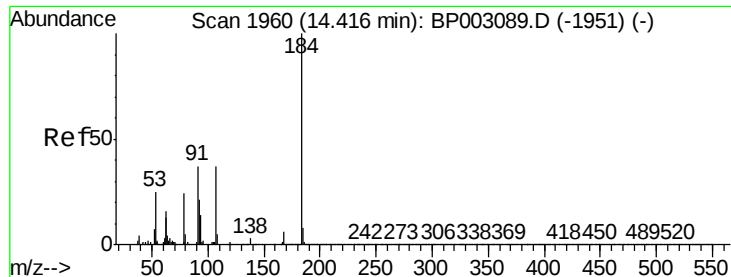
Tot Ion:172 Resp: 1682348
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 19.2 28.8



#50
Dimethylphthalate
Concen: 5.961 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

Tgt Ion:163 Resp: 228452
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.2

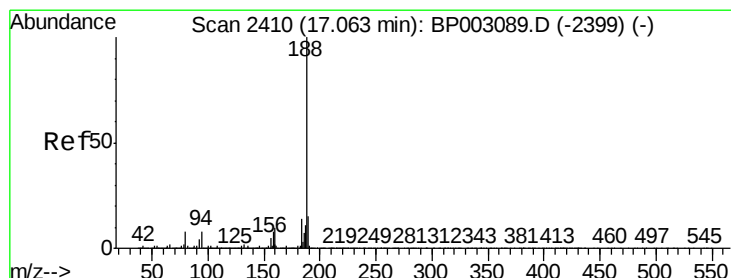
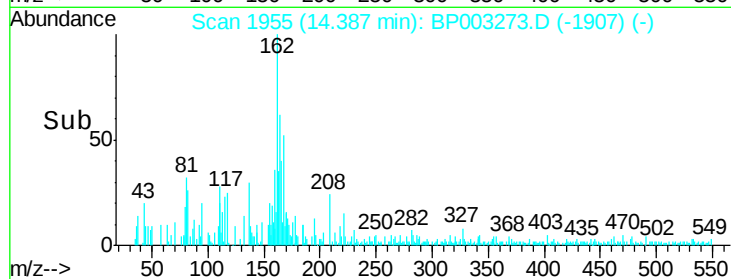
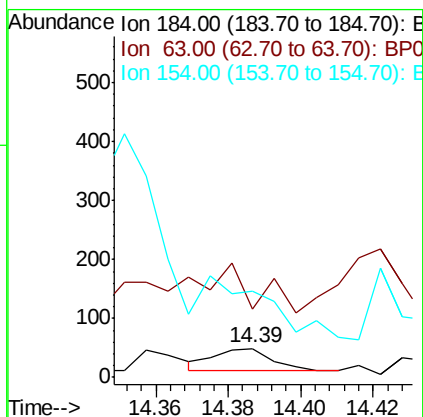
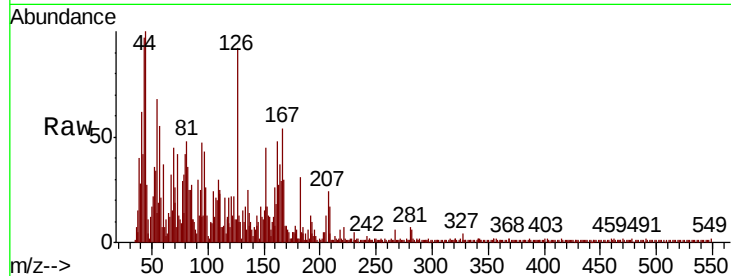




#54
2,4-Dinitrophenol
Concen: 7.763 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

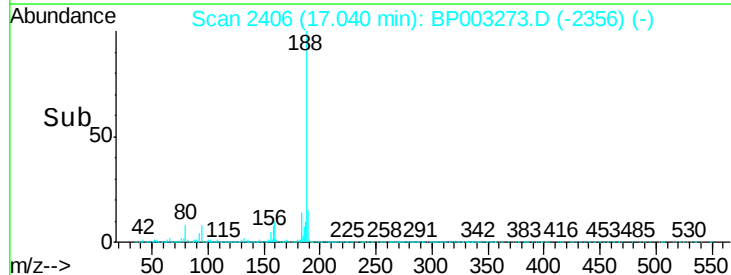
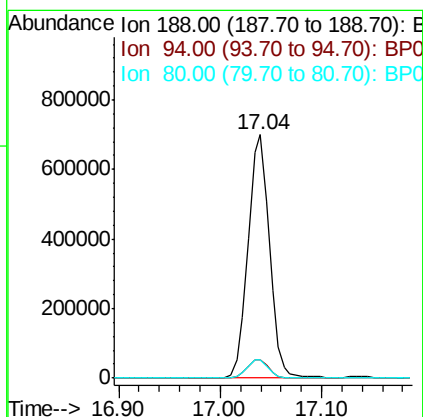
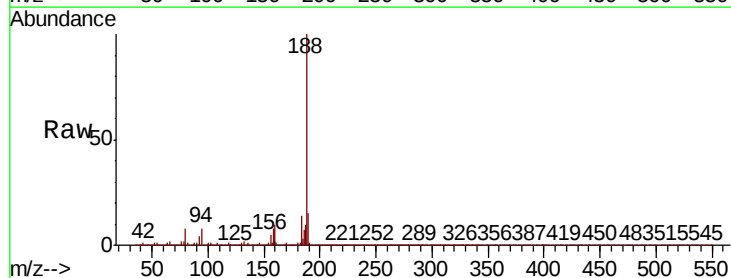
Instrument :
BNA_P
ClientSampled :
B17-7-9

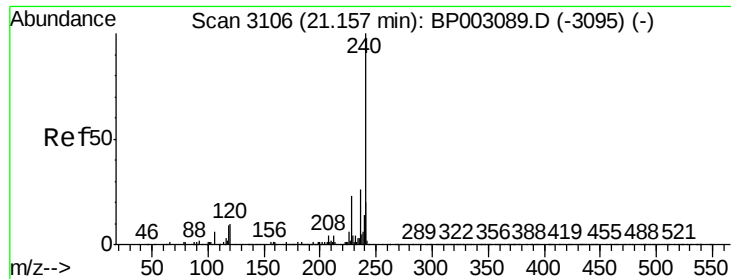
Tot Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 236.7 32.3 48.5#
154 300.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

Tgt Ion:188 Resp: 1027200
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.8 6.2 9.2

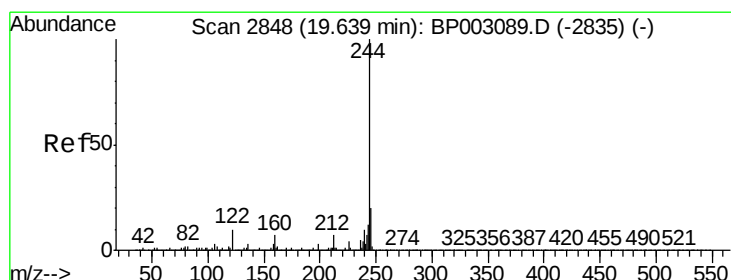
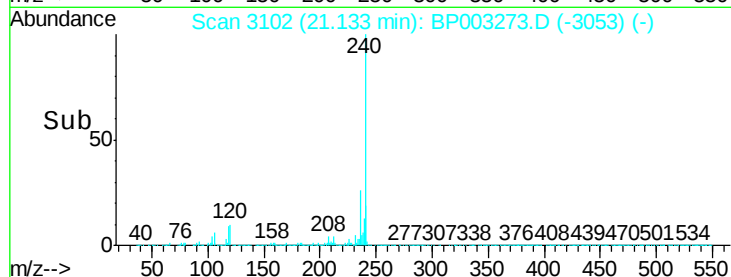
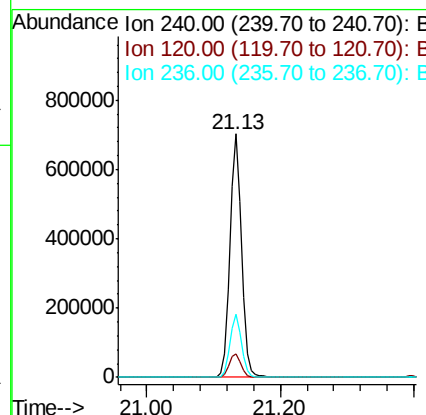
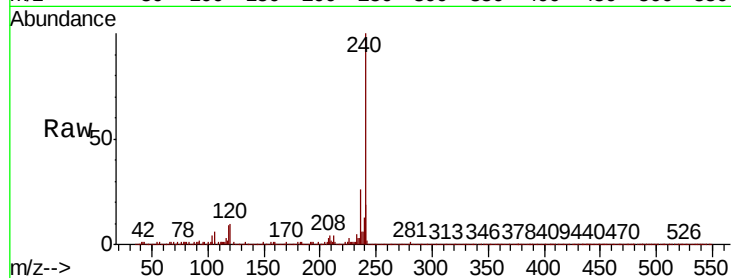




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

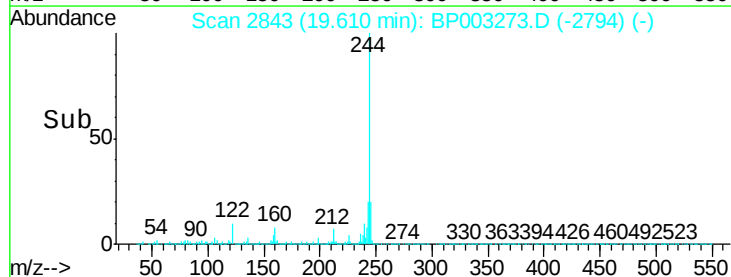
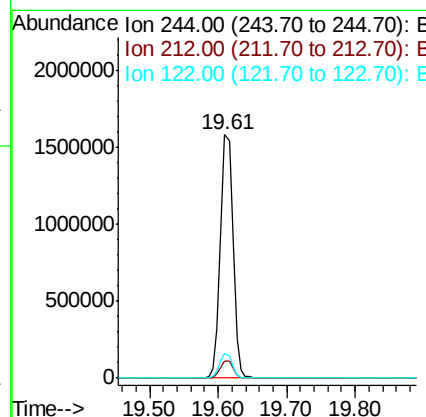
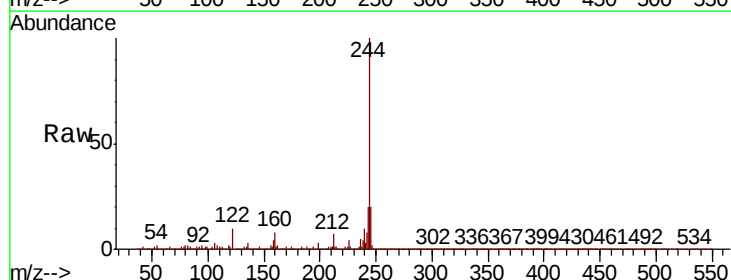
Instrument :
BNA_P
ClientSampleId :
B17-7-9

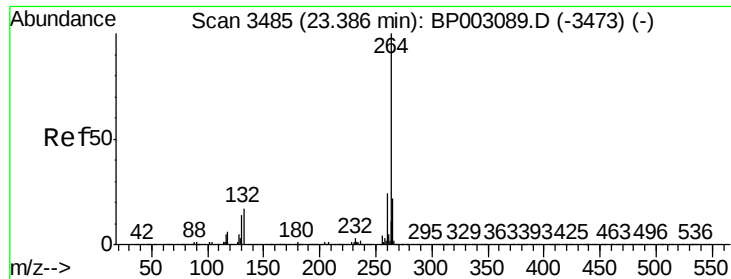
Tot Ion:240 Resp: 859017
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 51.278 ng
RT: 19.61 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

Tgt Ion:244 Resp: 2001806
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 10.3 7.8 11.8



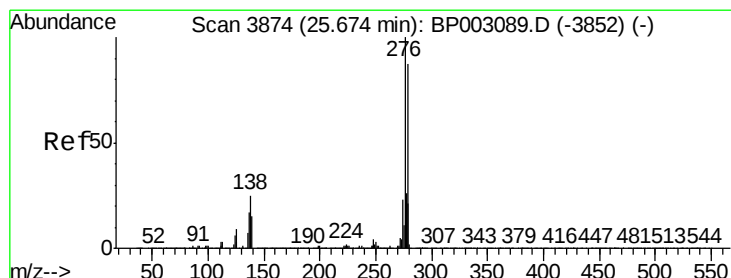
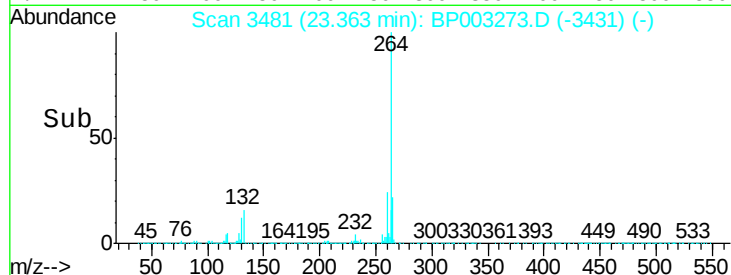
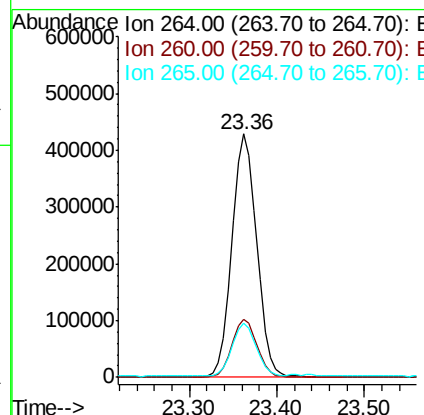
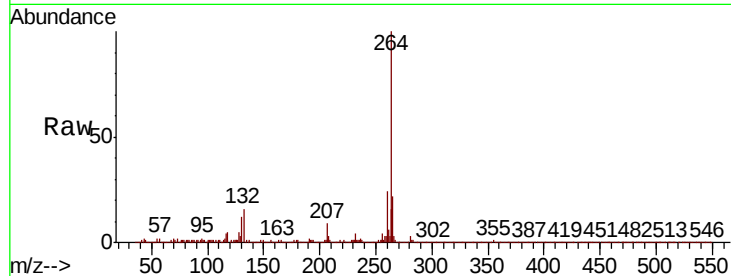


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

Instrument :
BNA_P
ClientSampled :
B17-7-9

Tot Ion:264 Resp: 826270

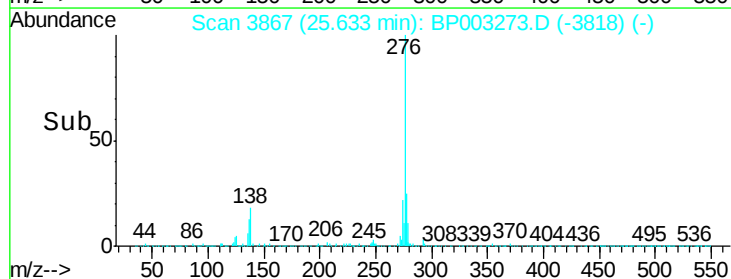
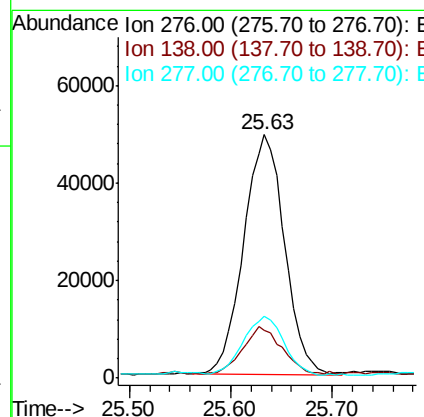
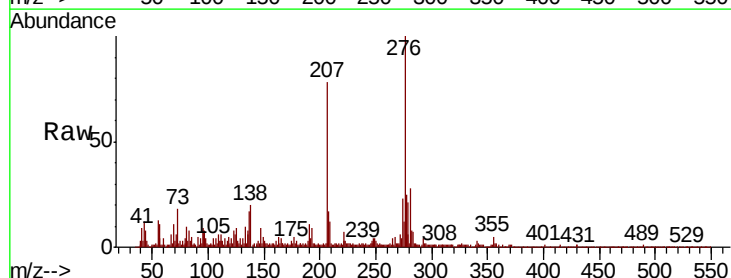
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.3	17.4	26.2

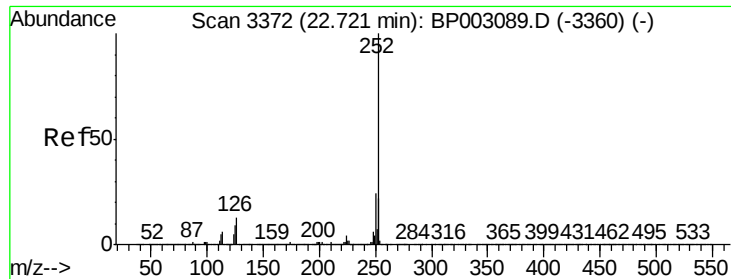


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.235 ng
RT: 25.63 min Scan# 3867
Delta R.T. -0.01 min
Lab File: BP003273.D
Acq: 14 Sep 2020 17:49

Tgt Ion:276 Resp: 137688

Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.7	28.1
277	24.2	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 2.869 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BP003273.D

Acq: 14 Sep 2020 17:49

Instrument :

BNA_P

ClientSampleId :

B17-7-9

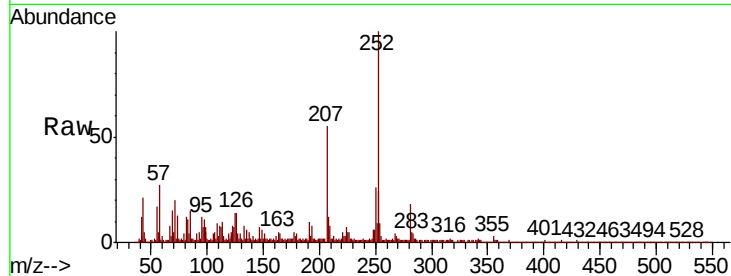
Tot Ion:252 Resp: 147349

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

125 14.0 7.3 10.9#

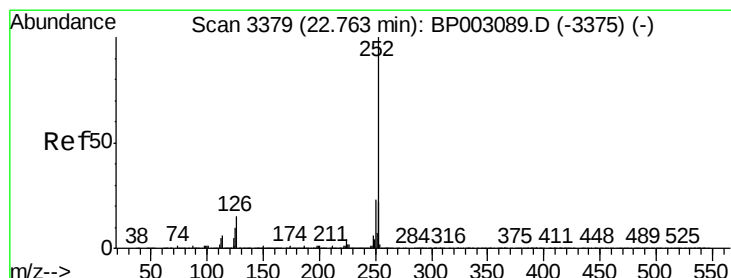
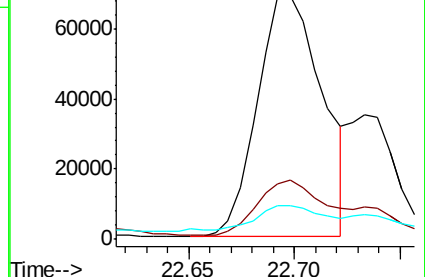
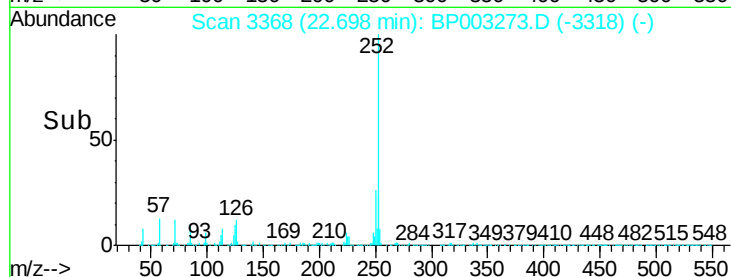


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#89

Benzo(k)fluoranthene

Concen: 3.003 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.05 min

Lab File: BP003273.D

Acq: 14 Sep 2020 17:49

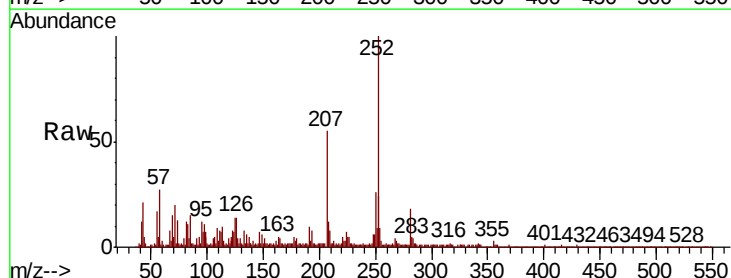
Tgt Ion:252 Resp: 147349

Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.8

125 14.0 7.4 11.2#

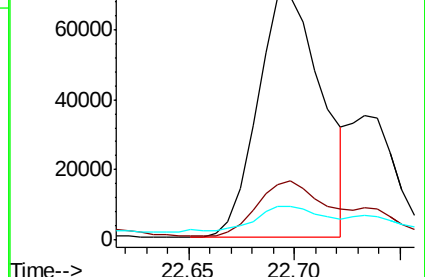
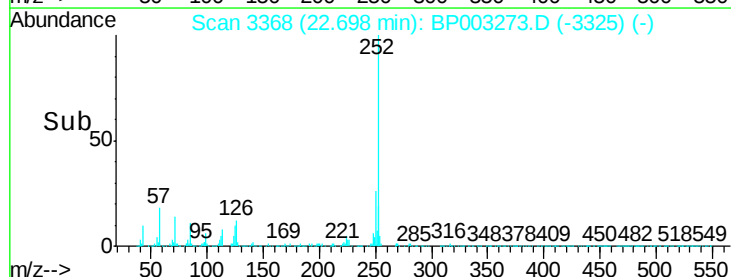


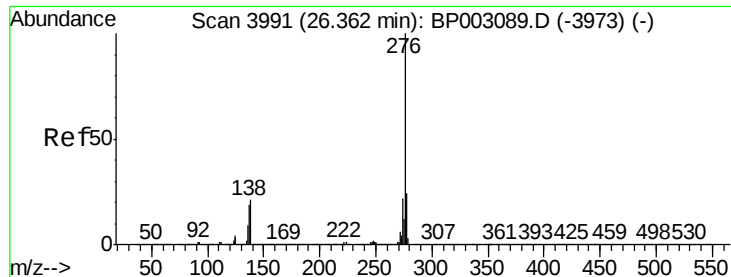
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#92

Benzo(a,h,i)perylene

Concen: 4.470 ng

RT: 26.32 min Scan# 3984

Delta R.T. -0.01 min

Lab File: BP003273.D

Acq: 14 Sep 2020 17:49

Instrument :

BNA_P

ClientSampleId :

B17-7-9

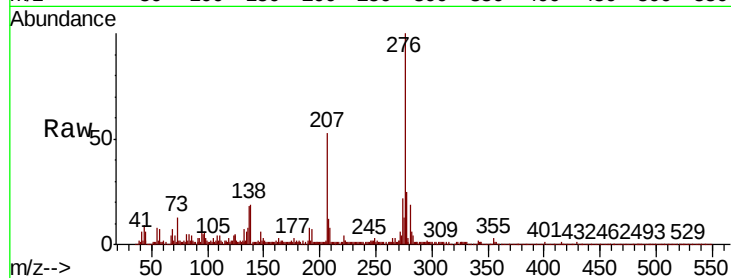
Tot Ion: 276 Resp: 227052

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.6

138 19.4 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

100000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

