

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003274.D
 Acq On : 14 Sep 2020 18:23
 Operator : CG/JU
 Sample : L3981-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B17-0-2

Quant Time: Sep 15 01:34:52 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

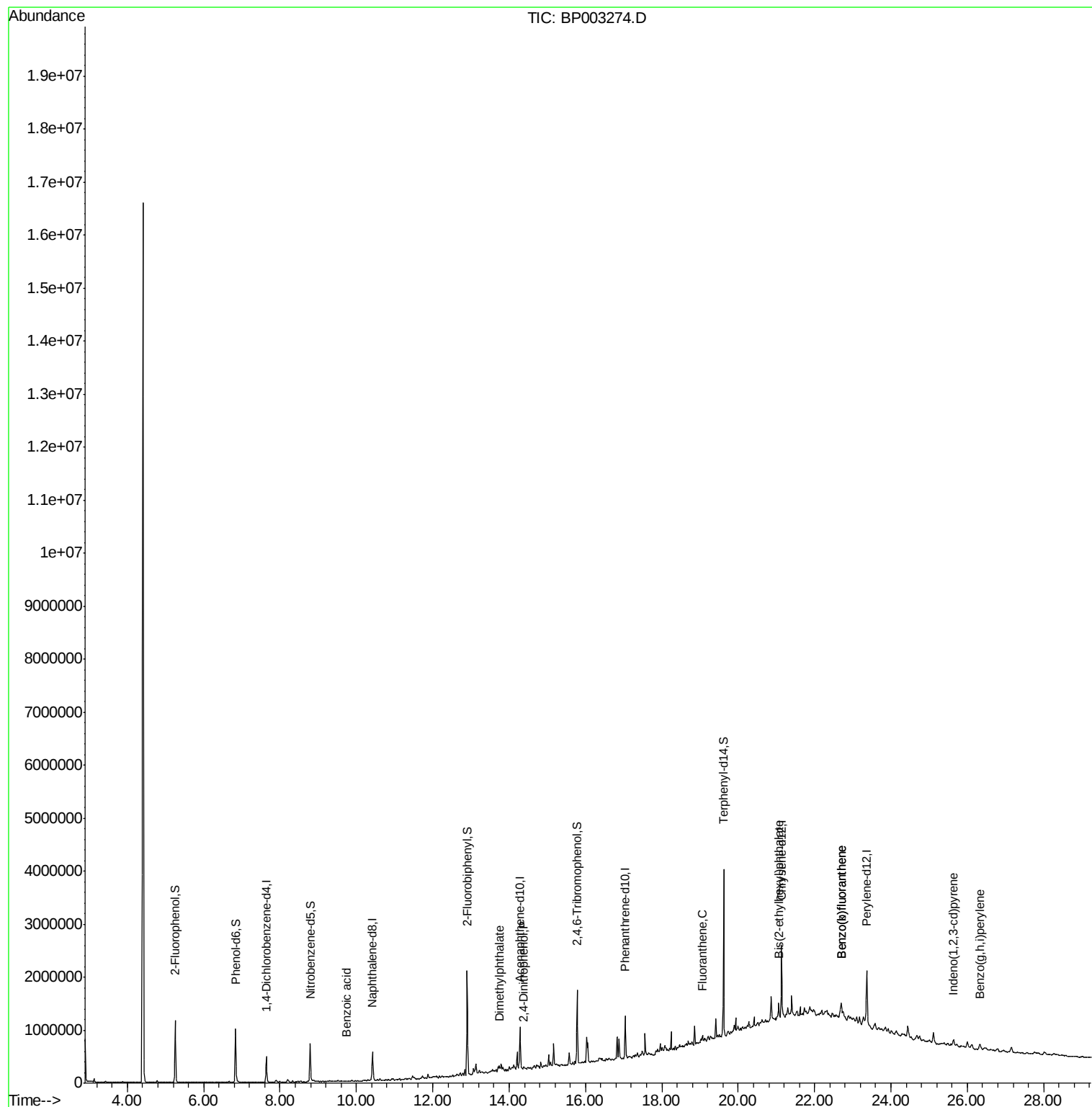
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	143270	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	513249	20.00	ng	-0.02
39) Acenaphthene-d10	14.28	164	273924	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	538634	20.00	ng	0.00
76) Chrysene-d12	21.13	240	651921	20.00	ng	-0.01
86) Perylene-d12	23.37	264	771086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	626580	77.32	ng	0.00
7) Phenol-d6	6.83	99	714777	70.36	ng	0.00
23) Nitrobenzene-d5	8.79	82	445996	62.64	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	326766	88.20	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	1126080	60.20	ng	-0.02
79) Terphenyl-d14	19.62	244	1457055	49.18	ng	0.00
Target Compounds						
32) Benzoic acid	9.75	122	199	9.030	ng	# 47
50) Dimethylphthalate	13.75	163	93294	4.466	ng	# 97
54) 2,4-Dinitrophenol	14.39	184	110	7.797	ng	# 1
75) Fluoranthene	19.06	202	74708	2.215	ng	# 92
84) Bis(2-ethylhexyl)phthalate	21.06	149	128380	5.103	ng	# 98
87) Indeno(1,2,3-cd)pyrene	25.64	276	121525	2.113	ng	# 97
88) Benzo(b)fluoranthene	22.70	252	242898	5.068	ng	# 83
89) Benzo(k)fluoranthene	22.70	252	242898	5.305	ng	# 84
92) Benzo(g,h,i)perylene	26.33	276	127827	2.696	ng	# 97

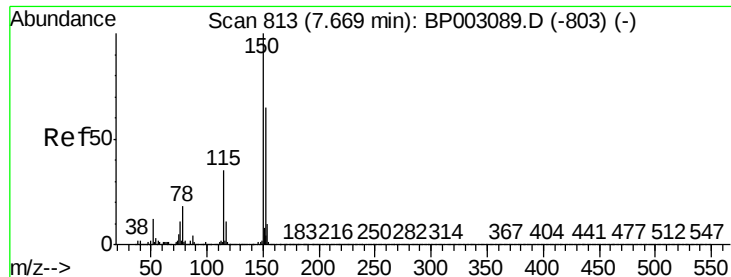
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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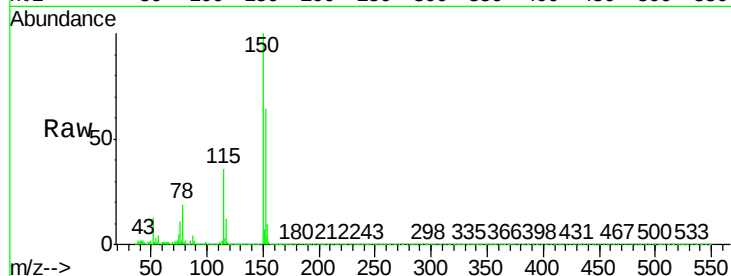


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

Instrument :
BNA_P
ClientSampleId :
B17-0-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.8	185.6
115	55.7	43.8	65.6

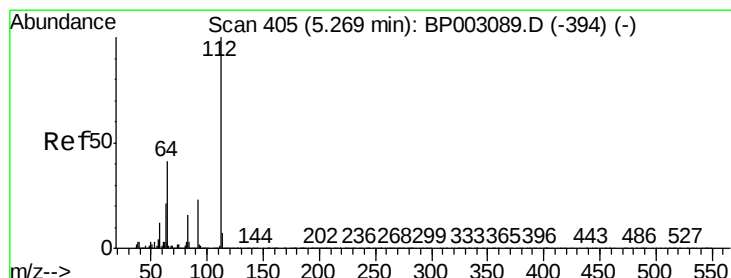
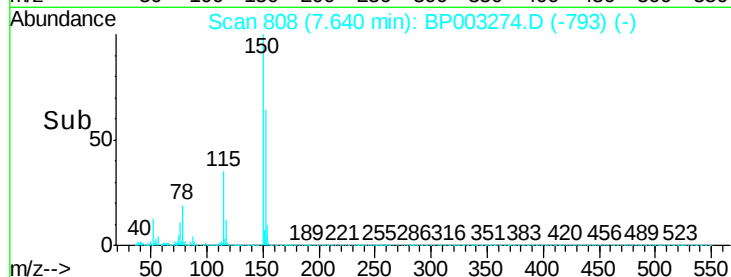
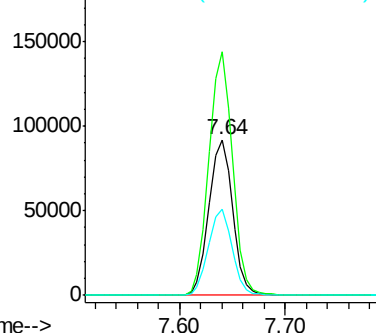


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

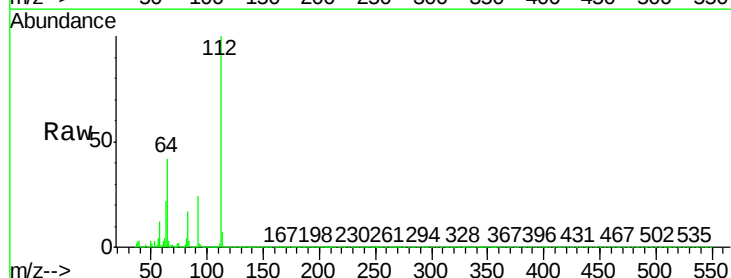
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.323 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	32.8	49.2
63	22.1	17.0	25.4

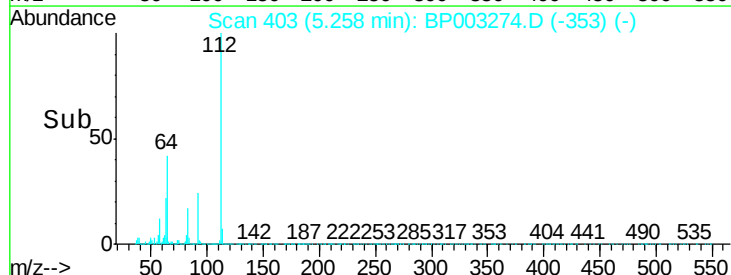
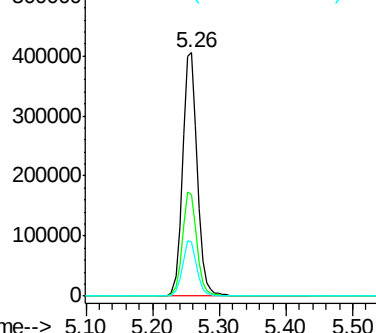


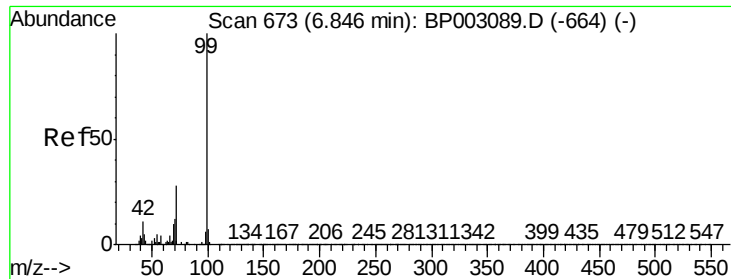
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 70.365 ng

RT: 6.83 min Scan# 671

Delta R.T. 0.00 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

Instrument :

BNA_P

ClientSampled :

B17-0-2

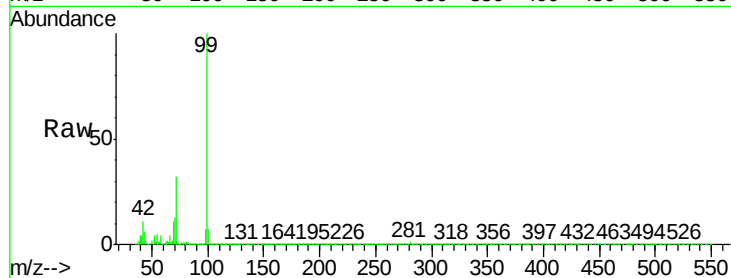
Tot Ion: 99 Resp: 714777

Ion Ratio Lower Upper

99 100

42 11.4 8.6 13.0

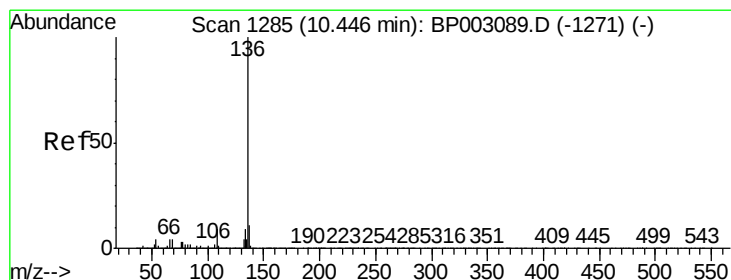
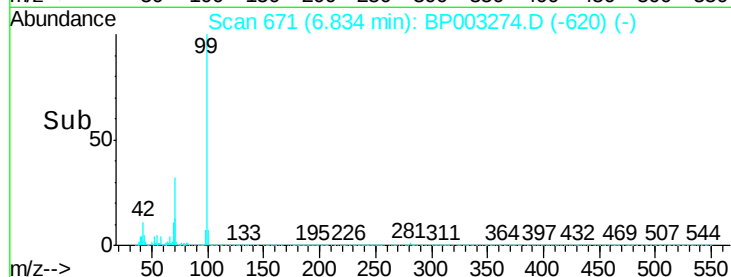
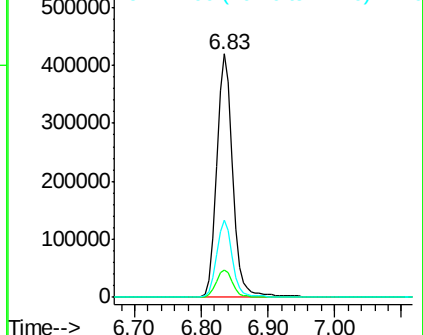
71 31.8 23.4 35.2



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: BP003274.D

Acq: 14 Sep 2020 18:23

Tgt Ion: 136 Resp: 513249

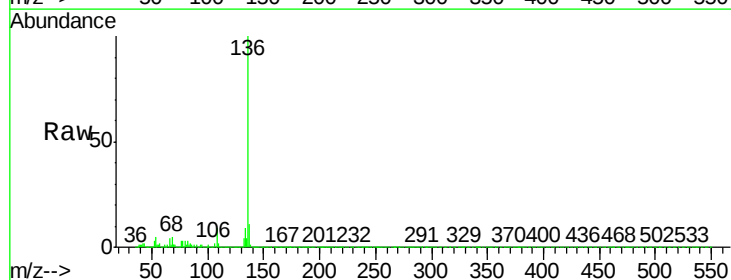
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 4.7 3.6 5.4

68 4.6 3.3 4.9

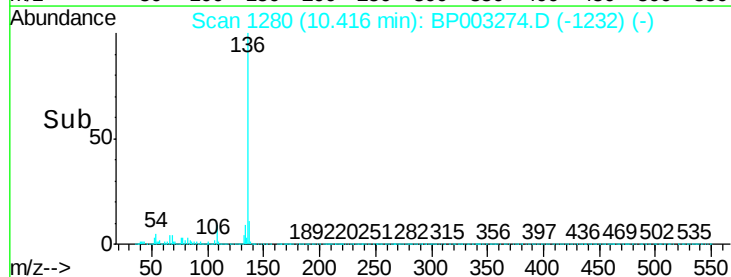
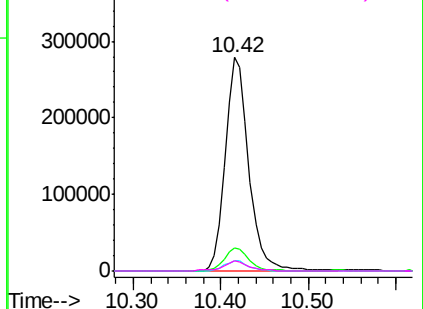


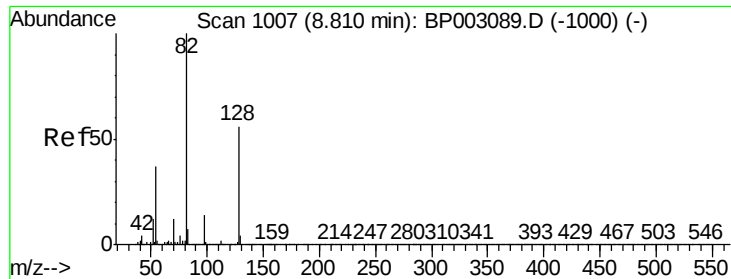
Abundance Ion 136.00 (135.70 to 136.70): E

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

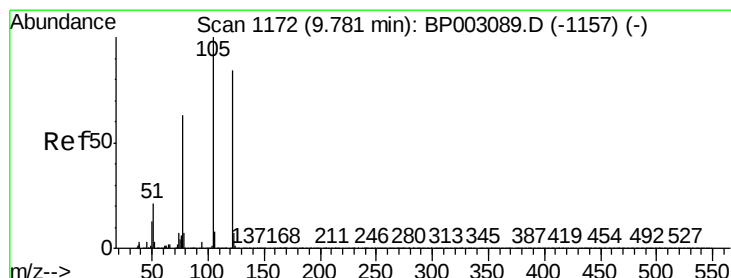
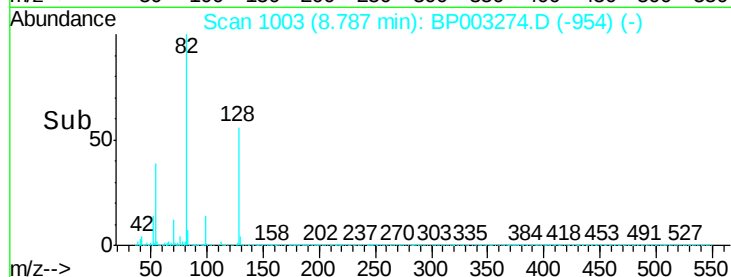
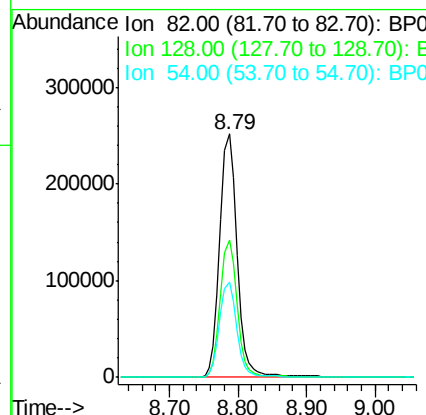
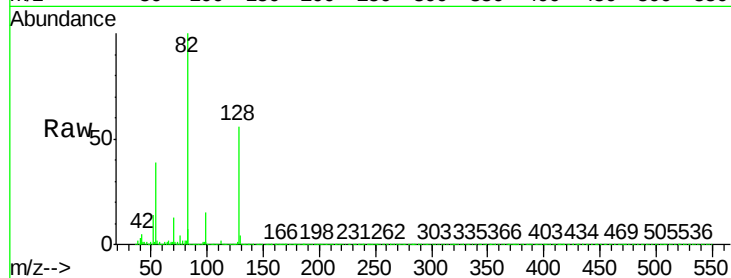




#23
Nitrobenzene-d5
Concen: 62.644 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

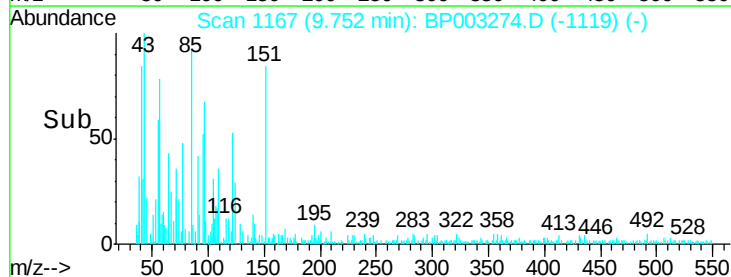
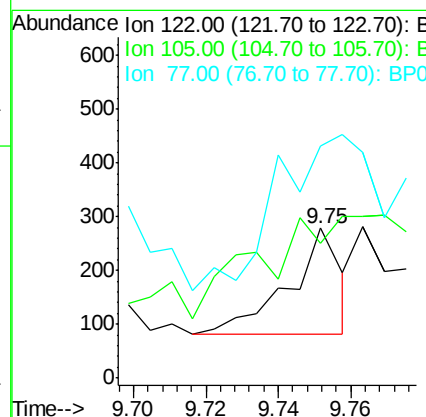
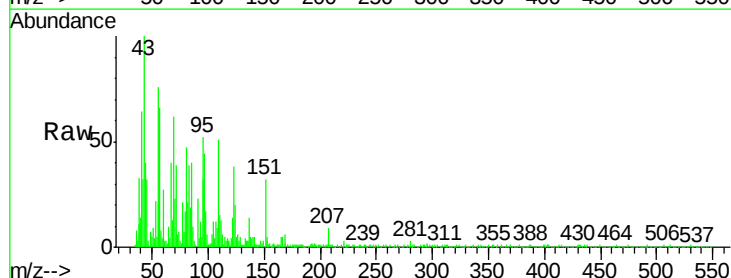
Instrument :
BNA_P
ClientSampleId :
B17-0-2

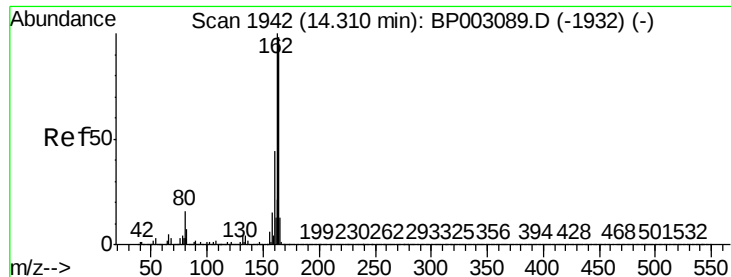
Tot Ion	82	Resp	445996
Ion Ratio	100	Lower	Upper
128	56.3	45.6	68.4
54	38.8	30.1	45.1



#32
Benzoic acid
Concen: 9.030 ng
RT: 9.75 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

Tgt Ion	122	Resp	199
Ion Ratio	100	Lower	Upper
105	89.6	94.1	134.1#
77	154.8	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: BP003274.D

Acq: 14 Sep 2020 18:23

Instrument :

BNA_P

ClientSampleId :

B17-0-2

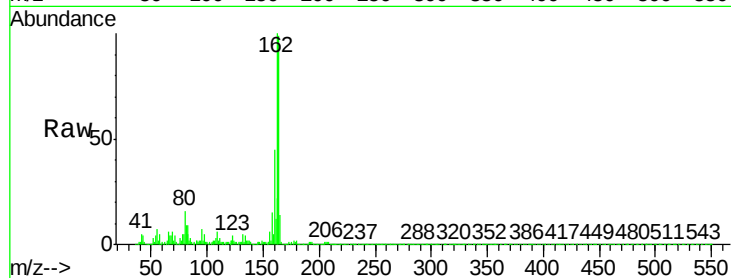
Tot Ion:164 Resp: 273924

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.2

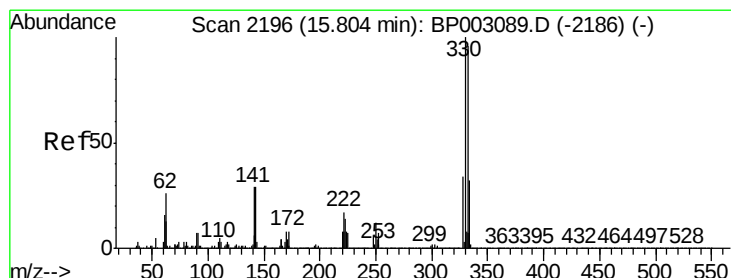
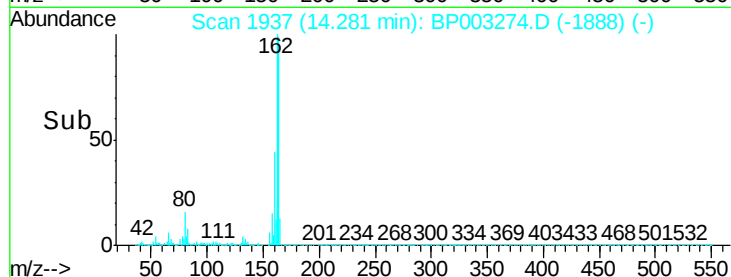
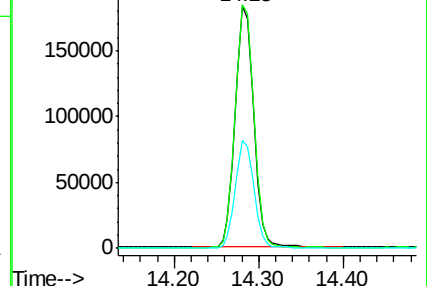
160 44.8 36.1 54.1



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: 88.202 ng

RT: 15.78 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

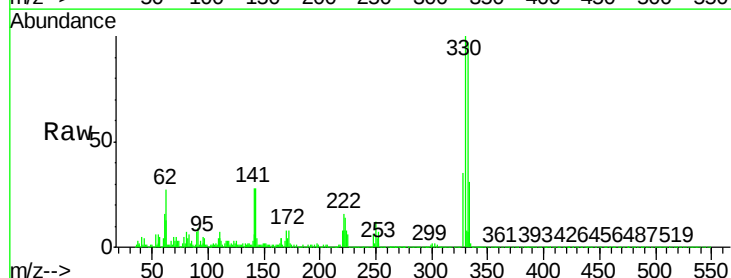
Tgt Ion:330 Resp: 326766

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

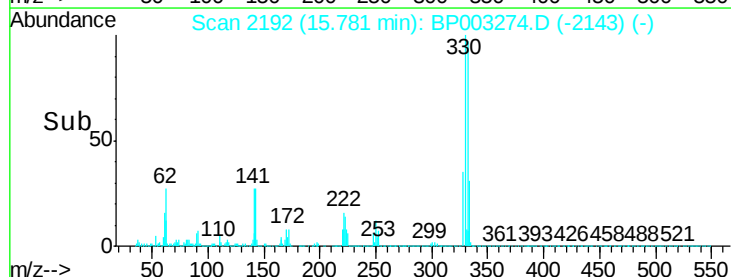
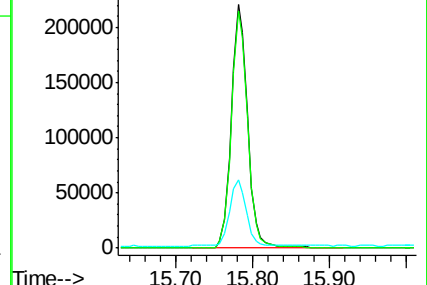
141 26.6 23.4 35.2

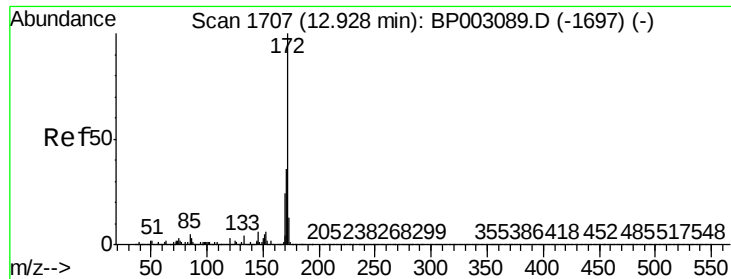


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

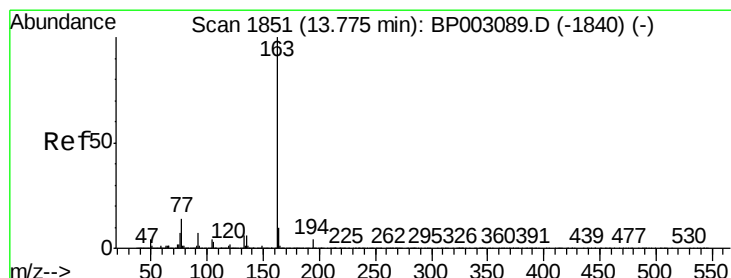
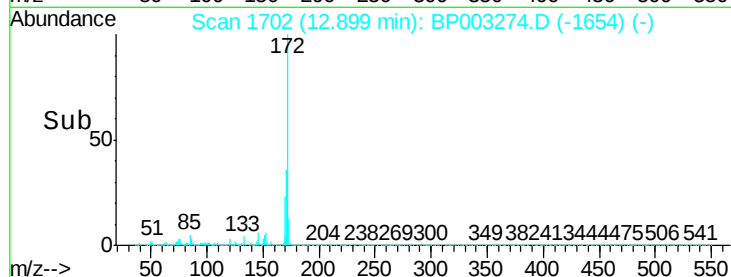
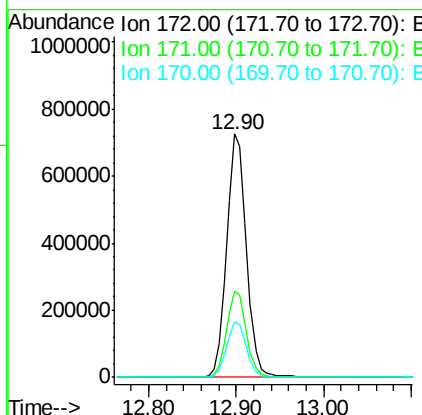
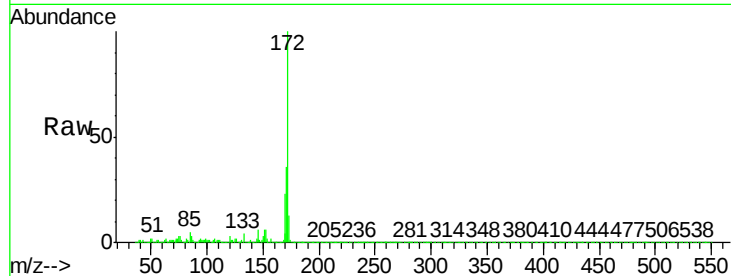




#45
2-Fluorobiphenyl
Concen: 60.202 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

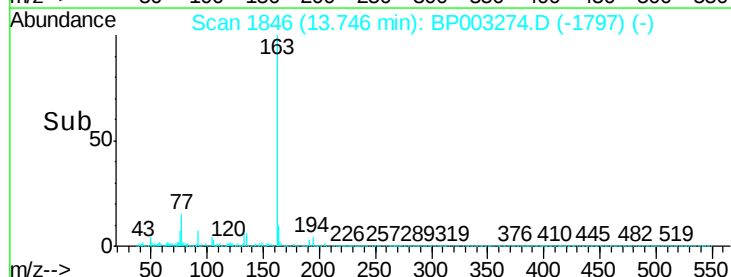
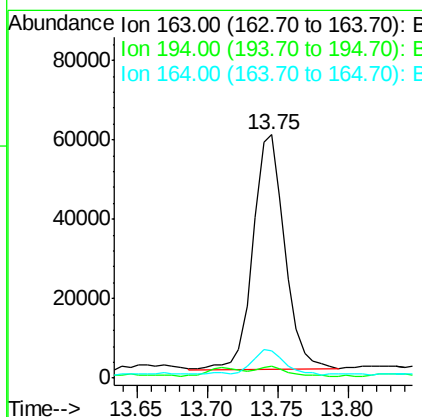
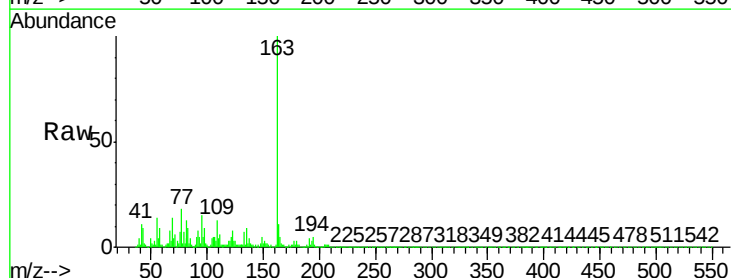
Instrument :
BNA_P
ClientSampled :
B17-0-2

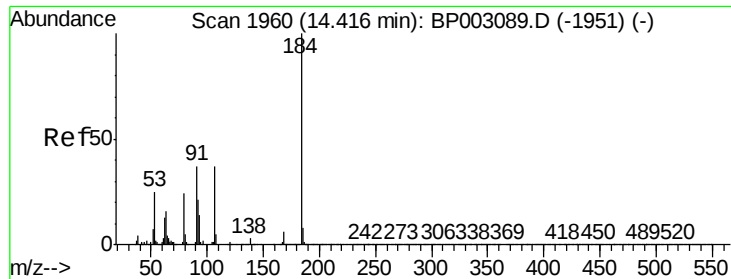
Tot Ion:172 Resp: 1126080
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.0 19.2 28.8



#50
Dimethylphthalate
Concen: 4.466 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

Tgt Ion:163 Resp: 93294
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 11.2 8.2 12.2

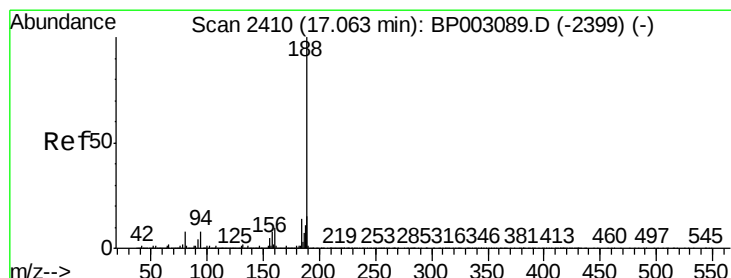
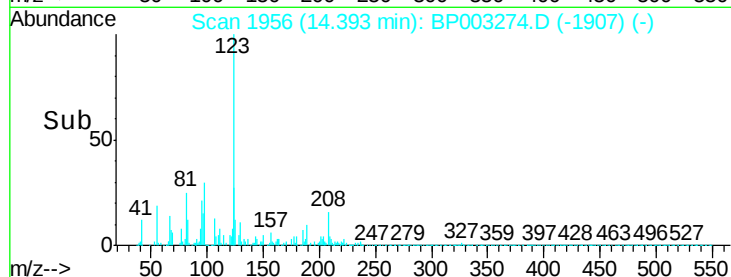
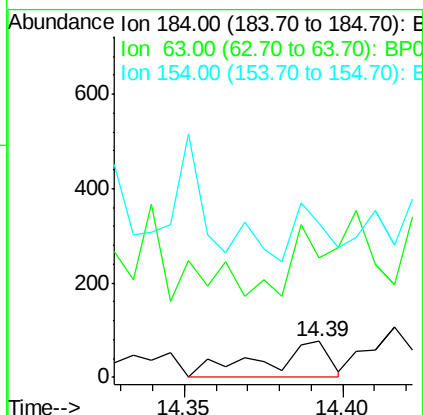
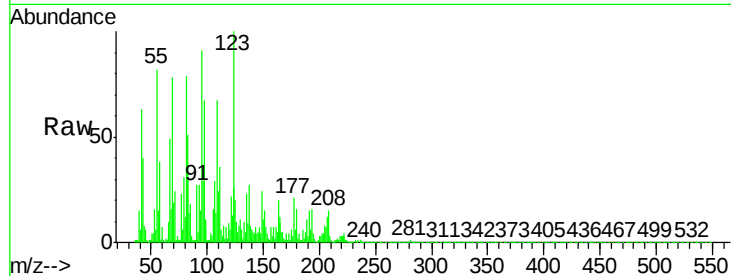




#54
2,4-Dinitrophenol
Concen: 7.797 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

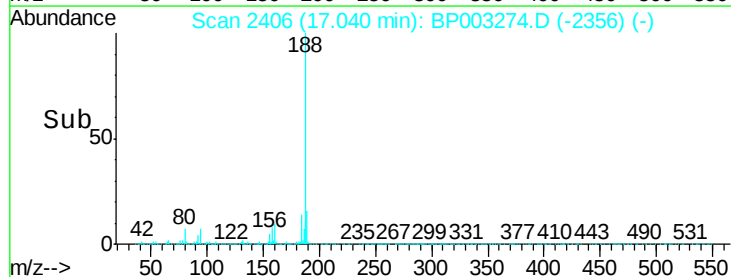
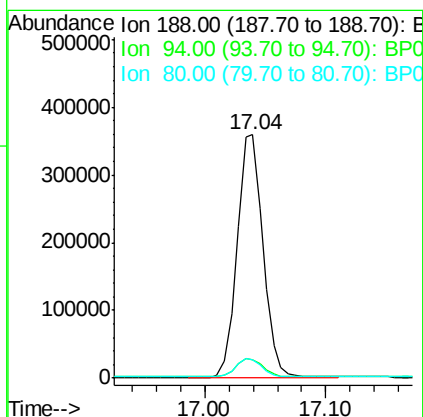
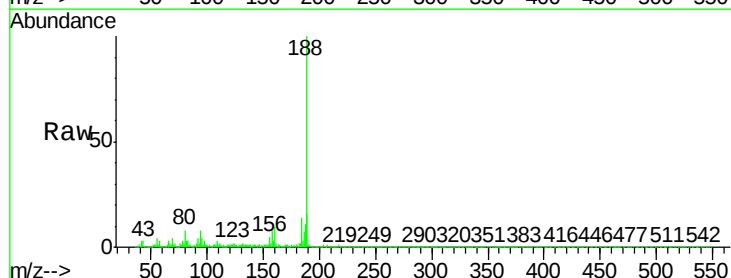
Instrument :
BNA_P
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B17-0-2

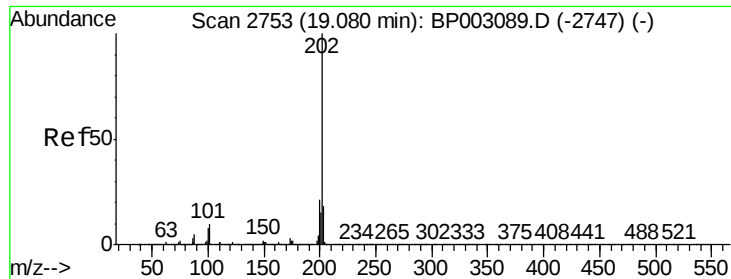
Tot Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 328.6 32.3 48.5#
154 424.7 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

Tgt Ion:188 Resp: 538634
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 7.7 6.2 9.2





#75

Fluoranthene

Concen: 2.215 ng

RT: 19.06 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

Instrument :

BNA_P

ClientSampleId :

B17-0-2

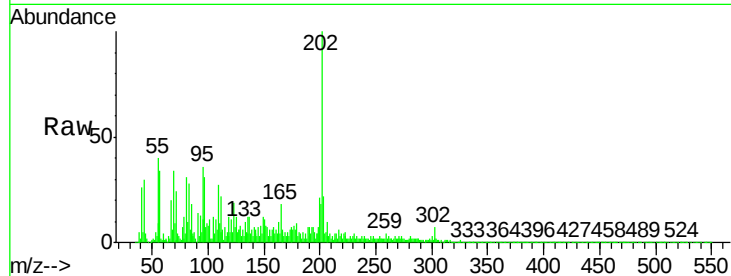
Tot Ion:202 Resp: 74708

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.4

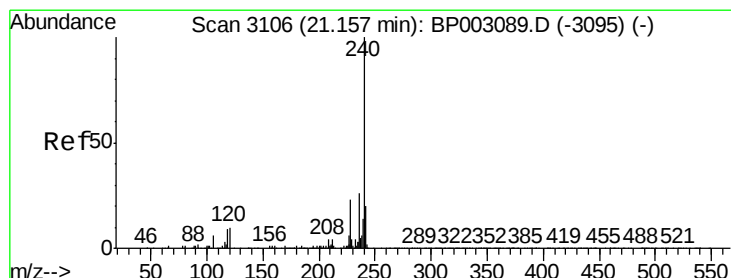
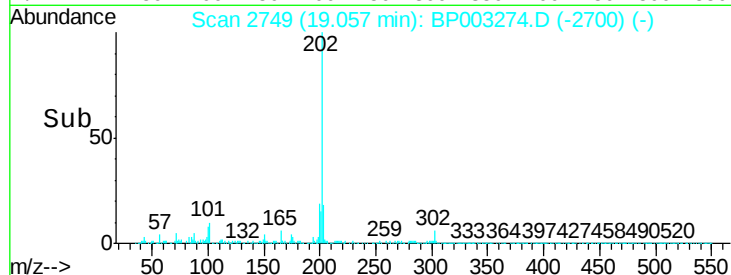
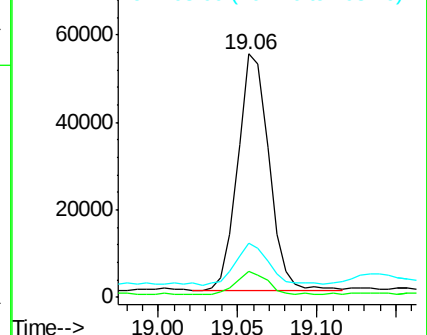
203 22.4 0.0 37.8



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: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

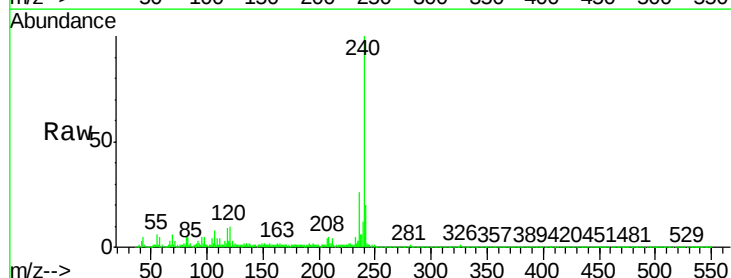
Tgt Ion:240 Resp: 651921

Ion Ratio Lower Upper

240 100

120 10.2 7.8 11.6

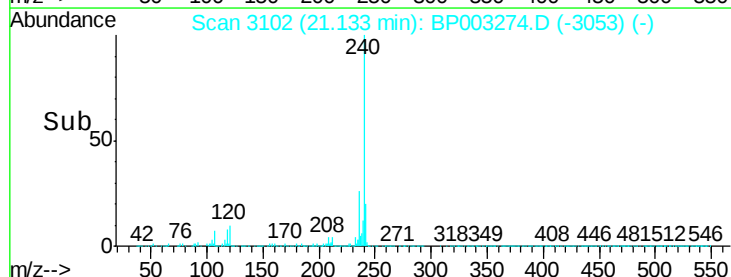
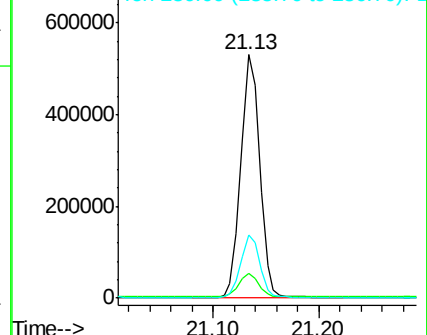
236 26.2 20.8 31.2

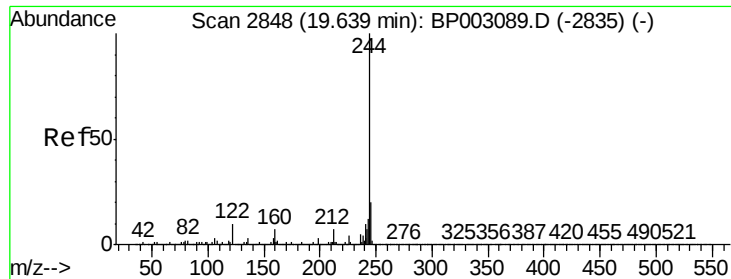


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

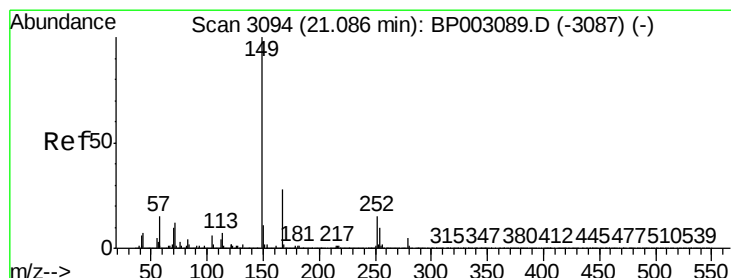
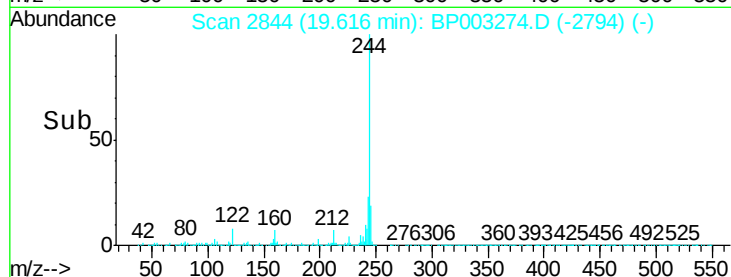
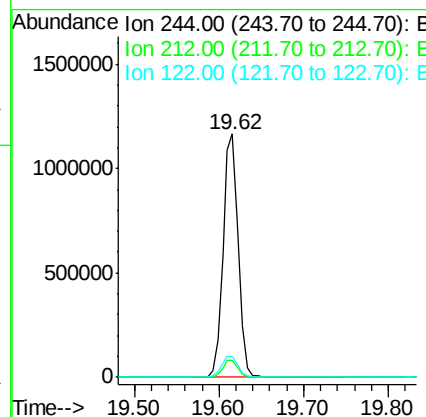
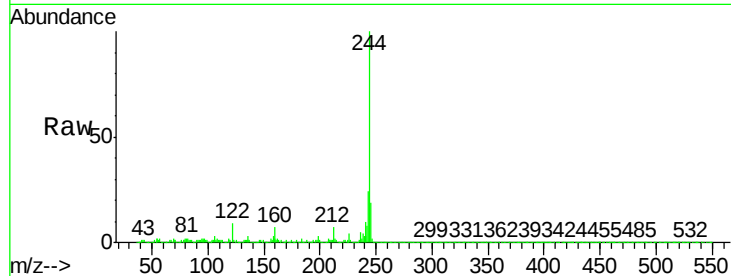




#79
 Terphenyl-d14
 Concen: 49.180 ng
 RT: 19.62 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BP003274.D
 Acq: 14 Sep 2020 18:23

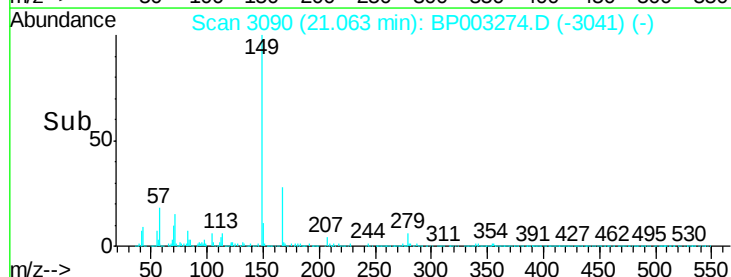
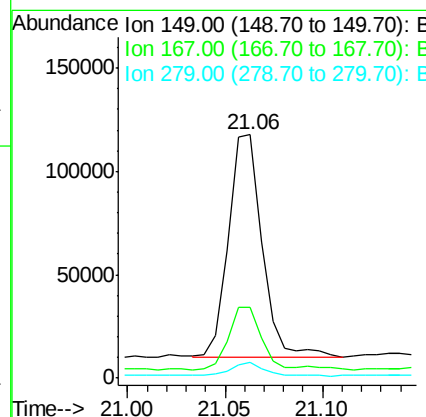
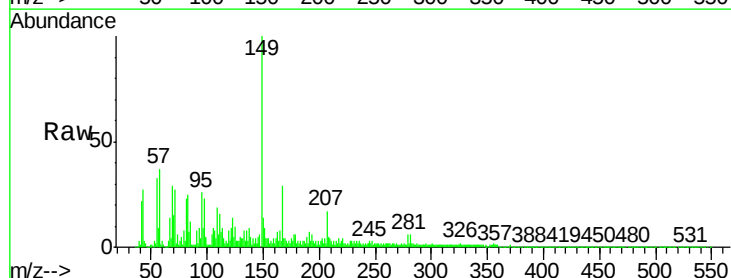
Instrument :
 BNA_P
 ClientSampleId :
 B17-0-2

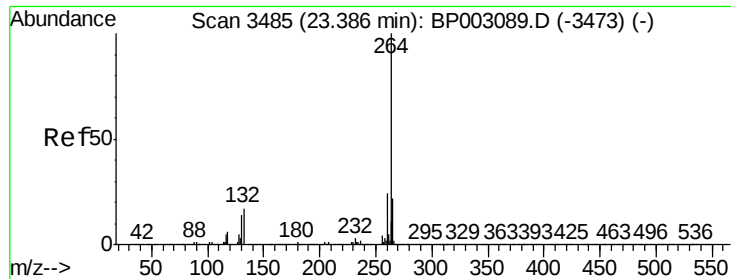
Tot Ion:244 Resp: 1457055
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 8.6 7.8 11.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.103 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BP003274.D
 Acq: 14 Sep 2020 18:23

Tgt Ion:149 Resp: 128380
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.6 34.0
 279 6.4 4.2 6.2#



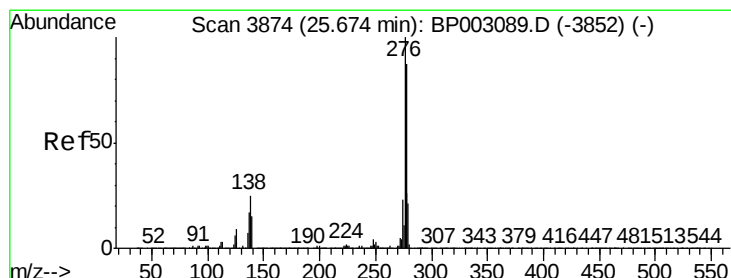
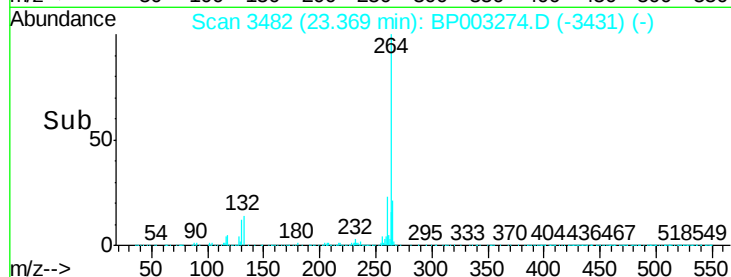
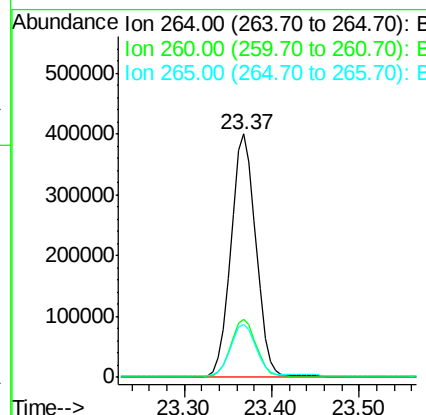
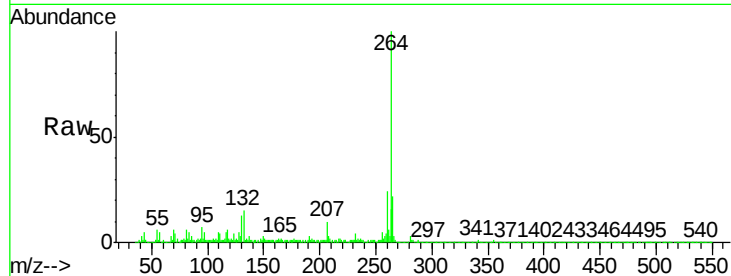


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. 0.00 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

Instrument :
BNA_P
ClientSampled :
B17-0-2

Tot Ion:264 Resp: 771086

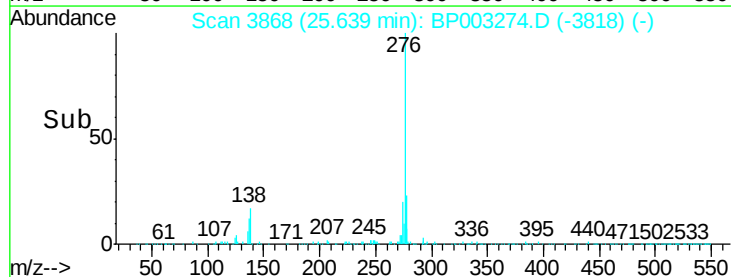
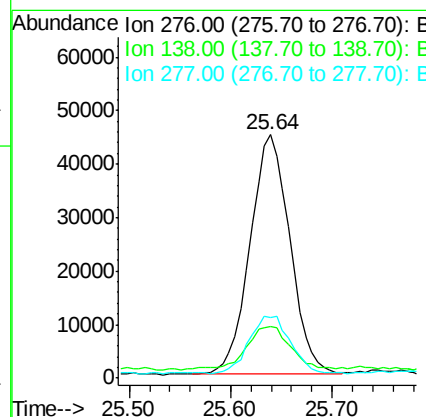
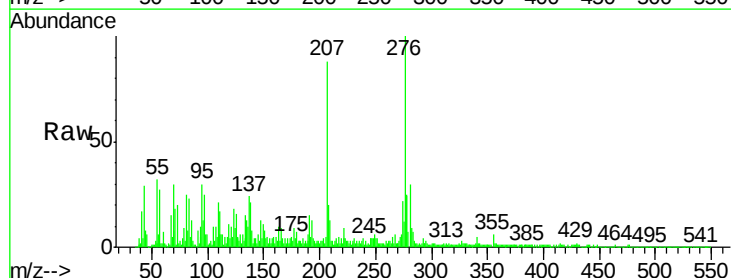
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.8	17.4	26.2

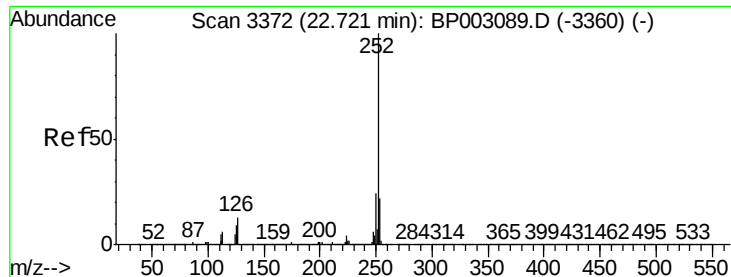


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.113 ng
RT: 25.64 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

Tgt Ion:276 Resp: 121525

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.7	28.1
277	25.3	20.4	30.6

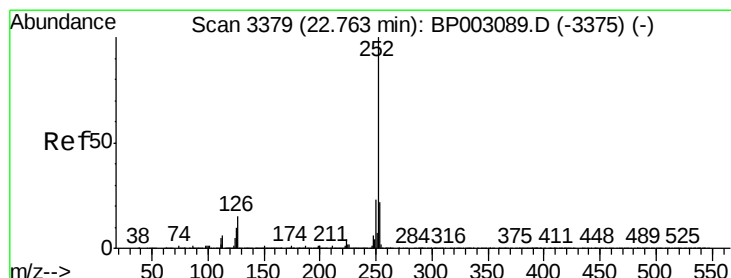
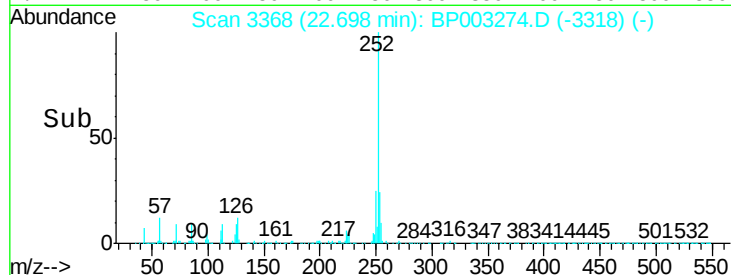
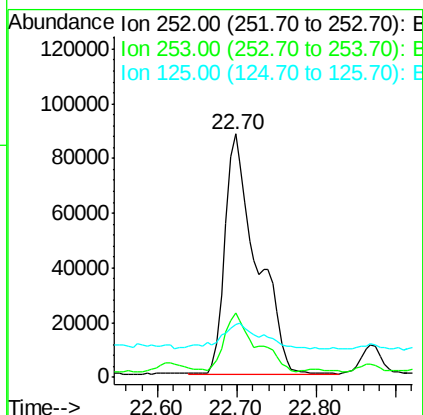
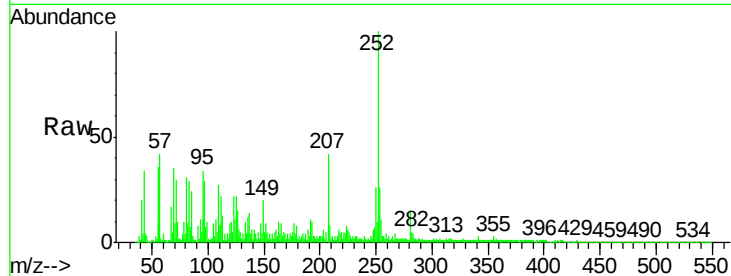




#88
Benzo(b)fluoranthene
Concen: 5.068 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

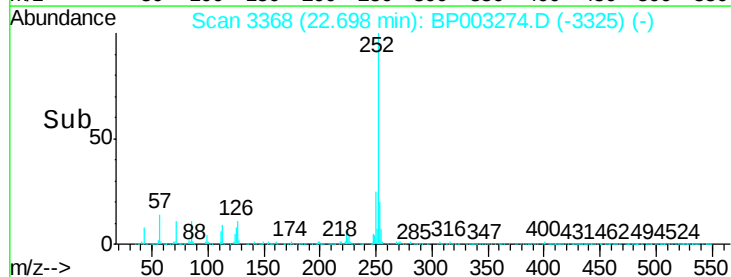
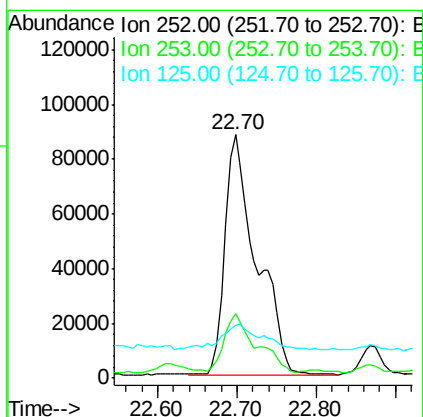
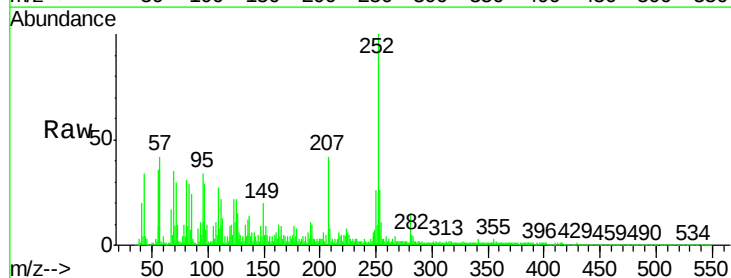
Instrument :
BNA_P
ClientSampleId :
B17-0-2

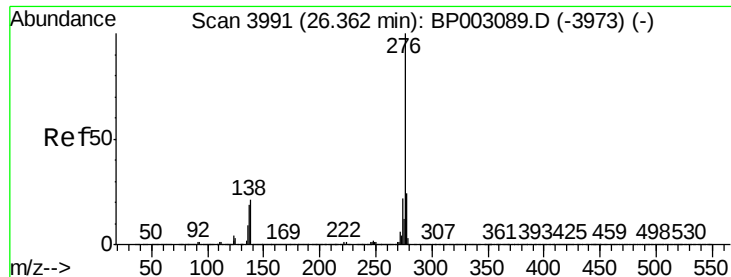
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.6	26.4#
125	21.9	7.3	10.9#



#89
Benzo(k)fluoranthene
Concen: 5.305 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.05 min
Lab File: BP003274.D
Acq: 14 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	21.9	7.4	11.2#





#92

Benzo(a,h,i)perylene

Concen: 2.696 ng

RT: 26.33 min Scan# 3986

Delta R.T. 0.00 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

Instrument :

BNA_P

ClientSampleId :

B17-0-2

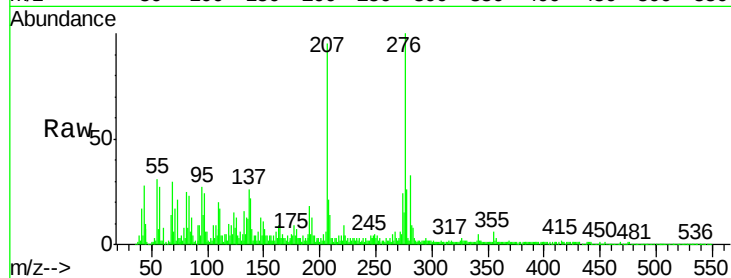
Tot Ion: 276 Resp: 127827

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.6

138 21.6 16.6 24.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

