

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002326.D
 Acq On : 29 May 2020 21:27
 Operator : CG/JU
 Sample : L2776-04 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 225

Quant Time: May 30 02:23:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

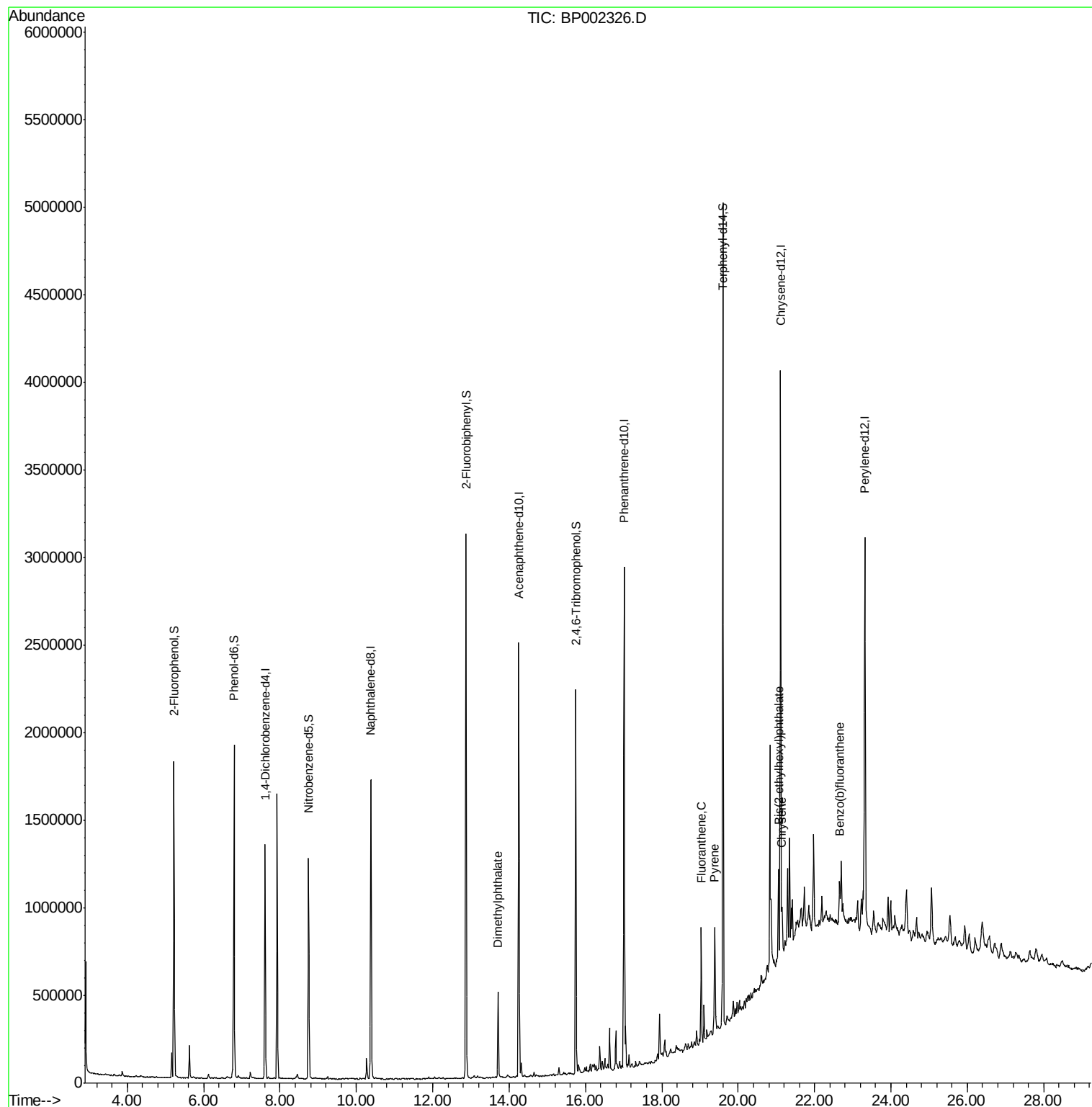
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	343926	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1432682	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	834624	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1708780	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1503571	20.00	ng	0.00
86) Perylene-d12	23.32	264	1544557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	775462	42.35	ng	0.00
7) Phenol-d6	6.79	99	1121281	45.01	ng	0.00
23) Nitrobenzene-d5	8.75	82	712544	29.90	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	369258	46.68	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1603905	33.91	ng	0.00
79) Terphenyl-d14	19.59	244	2205091	35.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	314899	5.574	ng	99
75) Fluoranthene	19.03	202	390070	4.184	ng	100
78) Pyrene	19.38	202	359693	3.842	ng	97
83) Chrysene	21.15	228	180607	2.186	ng	95
84) Bis(2-ethylhexyl)phthalate	21.06	149	175556	3.082	ng	100
88) Benzo(b)fluoranthene	22.66	252	182493	2.167	ng	# 90

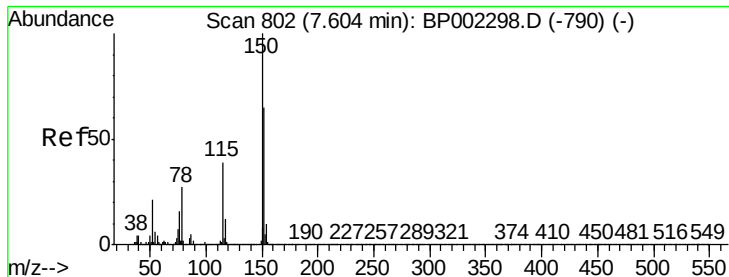
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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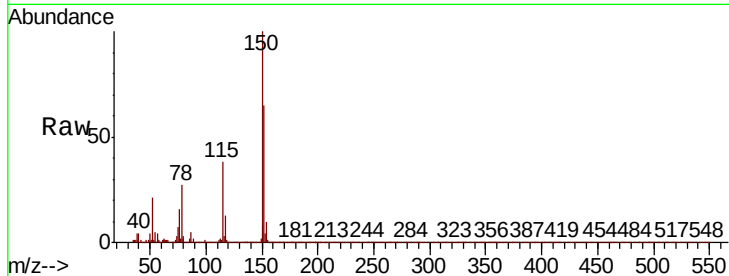


#1

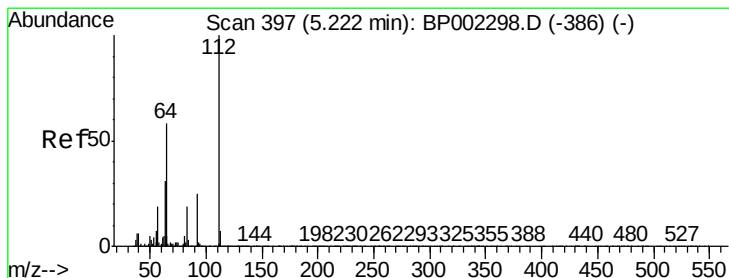
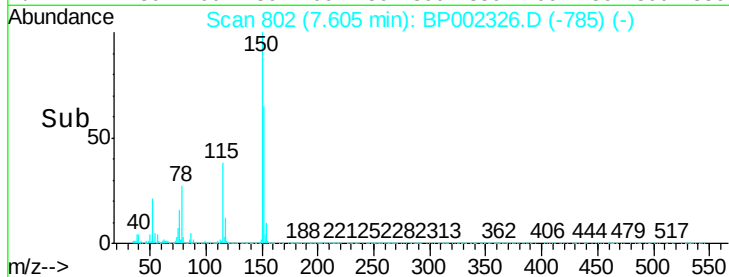
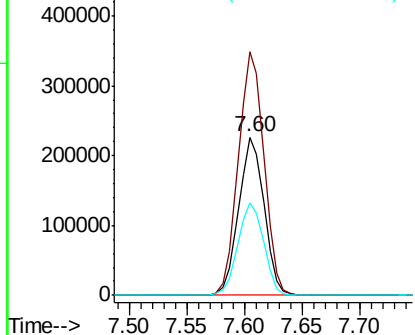
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

Instrument :
BNA_P
ClientSampleId :
225

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.7	187.1
115	58.6	49.4	74.2



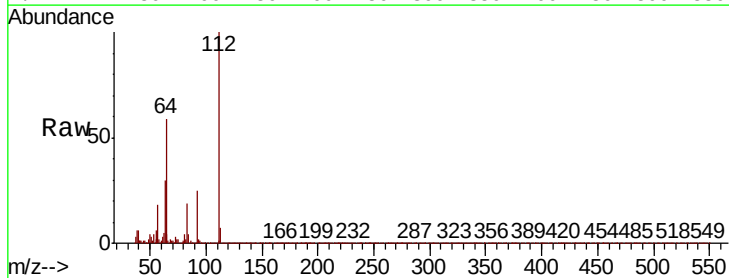
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



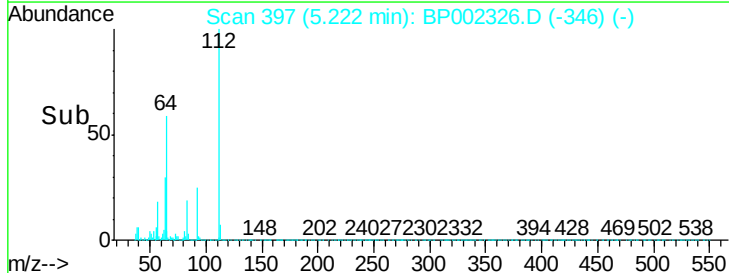
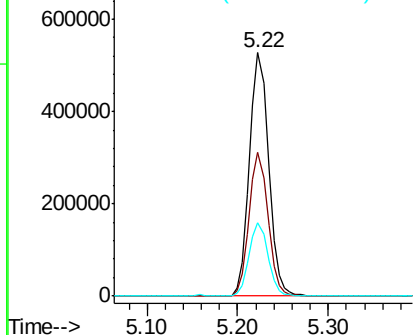
#5

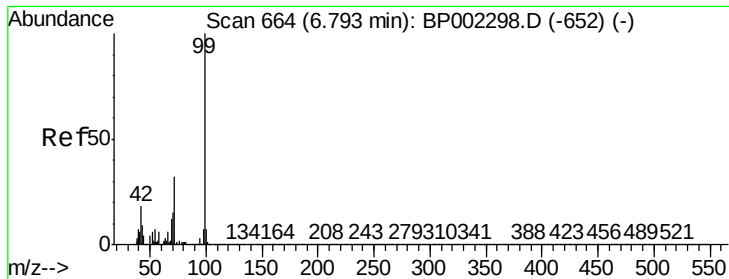
2-Fluorophenol
Concen: 42.347 ng
RT: 5.22 min Scan# 397
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.0	70.4
63	30.3	24.0	36.0



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: 45.012 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

Instrument :

BNA_P

ClientSampleId :

225

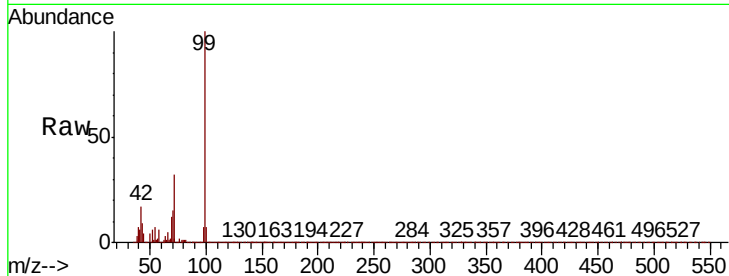
Tot Ion: 99 Resp: 1121281

Ion Ratio Lower Upper

99 100

42 17.2 13.9 20.9

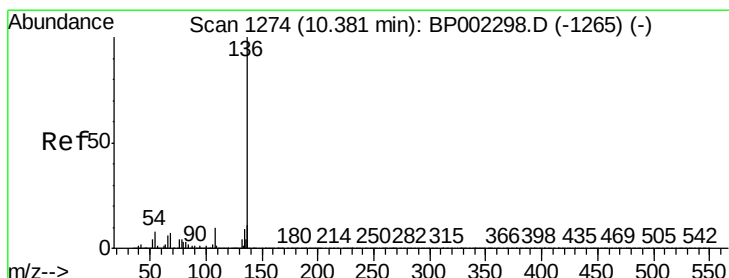
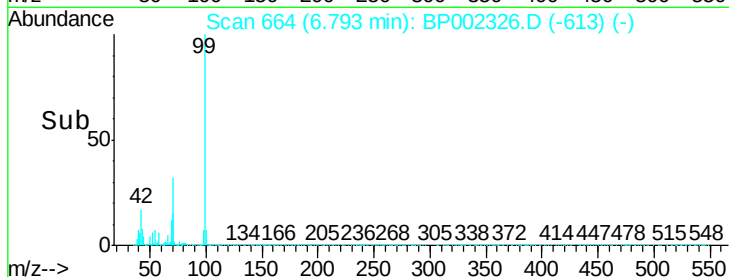
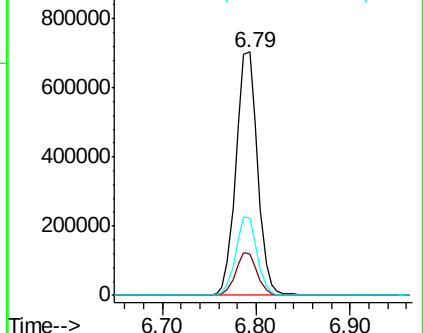
71 31.7 25.8 38.8



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: 10.38 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

Tgt Ion: 136 Resp: 1432682

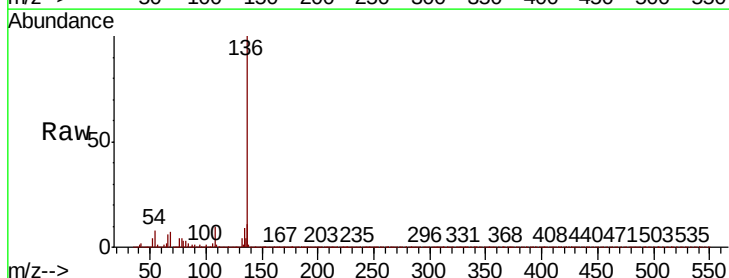
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.0 6.9 10.3

68 6.8 5.6 8.4

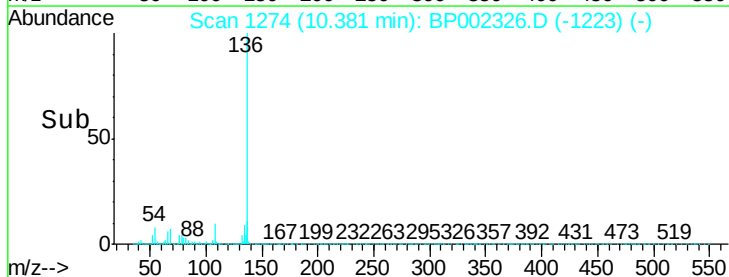
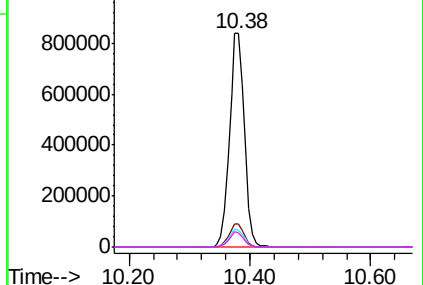


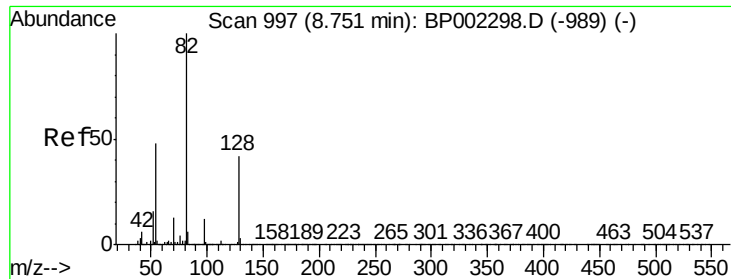
Abundance Ion 136.00 (135.70 to 136.70): E

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

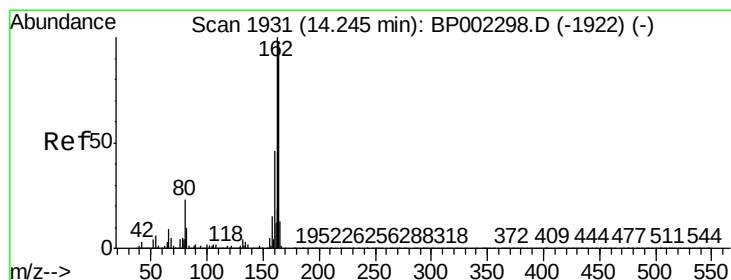
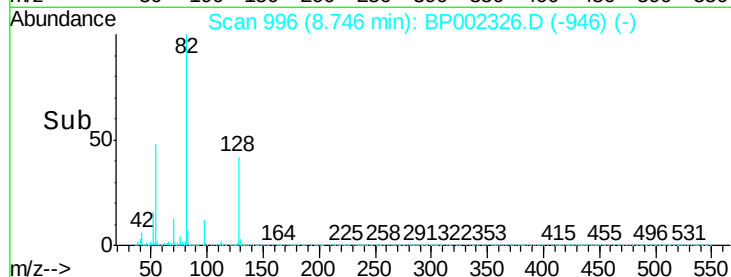
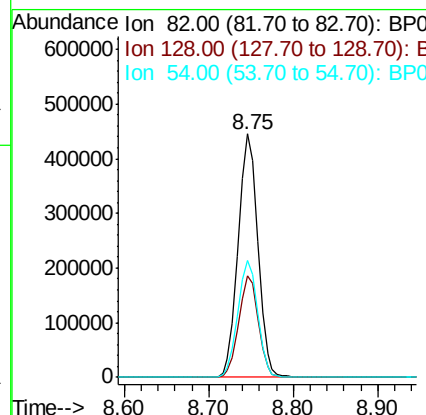
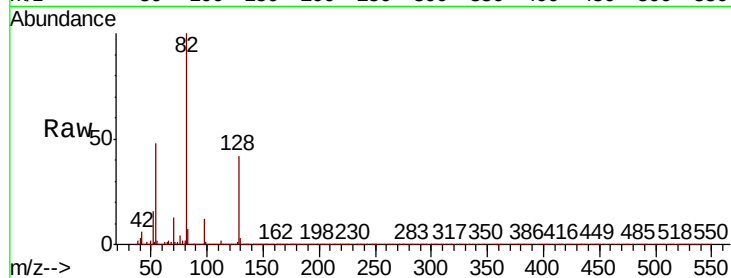




#23
Nitrobenzene-d5
Concen: 29.902 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

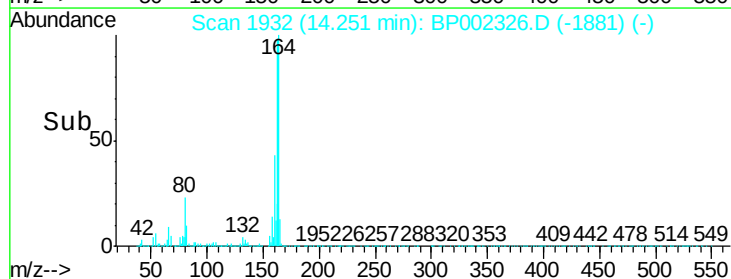
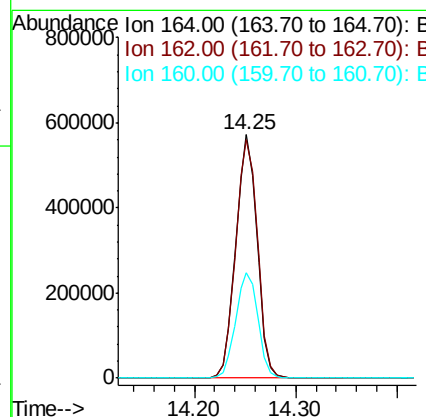
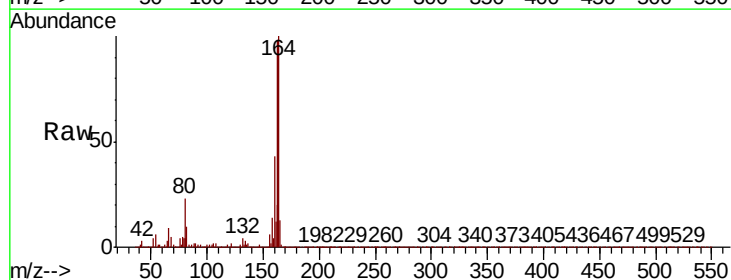
Instrument :
BNA_P
ClientSampleId :
225

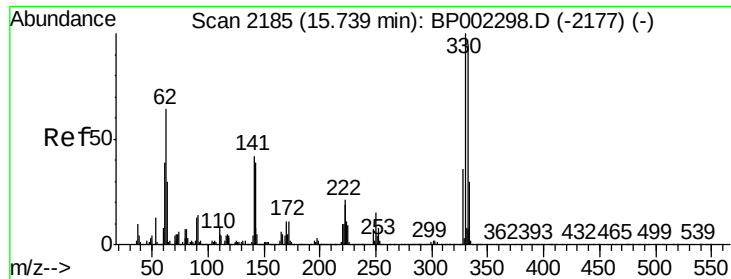
Tot Ion	82	Resp	712544
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.4	50.0
54	48.0	38.3	57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

Tgt Ion	164	Resp	834624
Ion Ratio	Lower	Upper	
164	100		
162	97.9	81.3	121.9
160	43.1	37.2	55.8

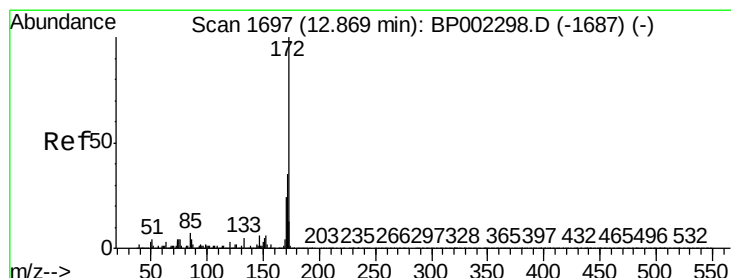
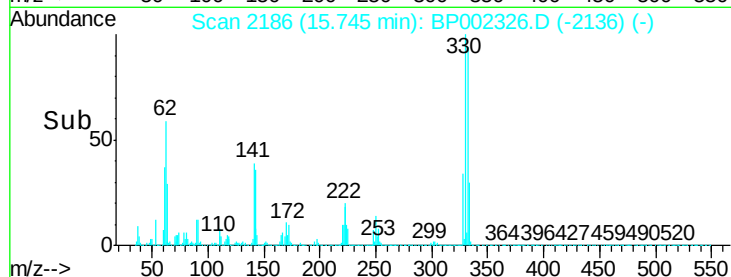
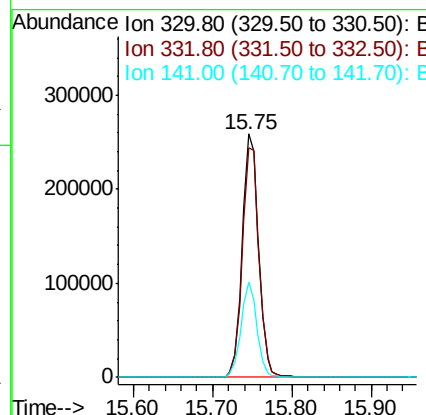
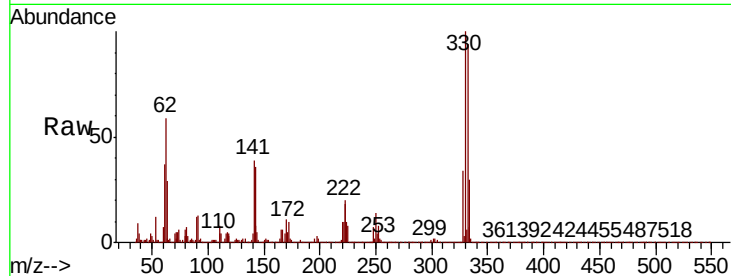




#42
2,4,6-Tribromophenol
Concen: 46.681 ng
RT: 15.75 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

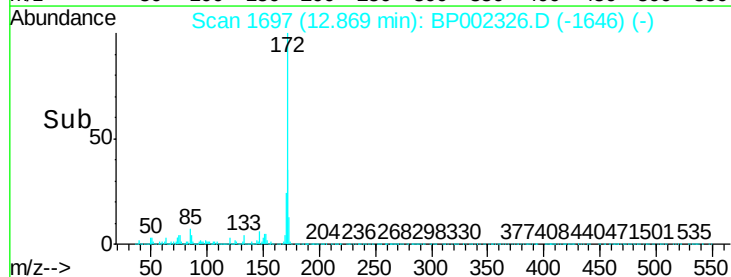
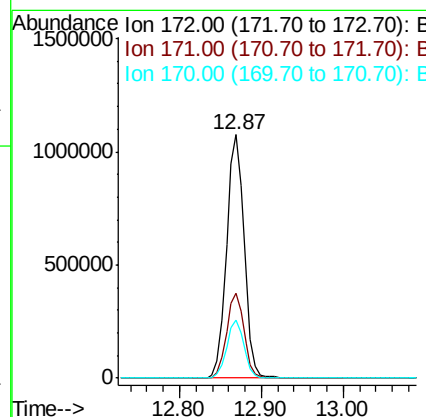
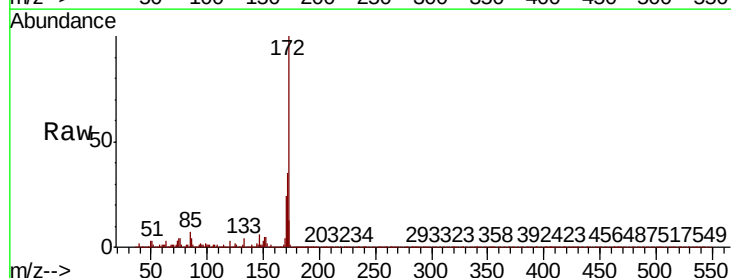
Instrument :
BNA_P
ClientSampleId :
225

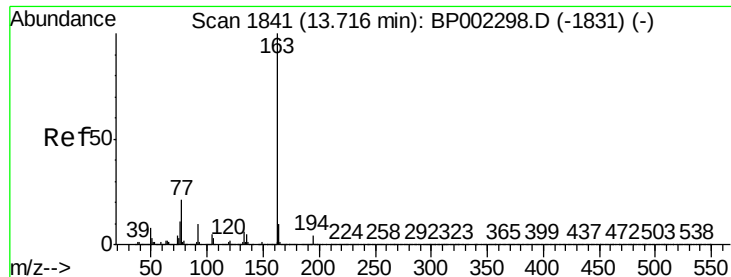
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	37.7	31.4	47.2



#45
2-Fluorobiphenyl
Concen: 33.909 ng
RT: 12.87 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	23.8	18.9	28.3





#50

Dimethylphthalate

Concen: 5.574 ng

RT: 13.71 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

Instrument :

BNA_P

ClientSampleId :

225

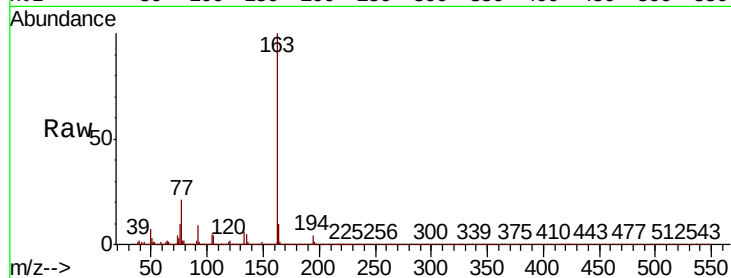
Tot Ion:163 Resp: 314899

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

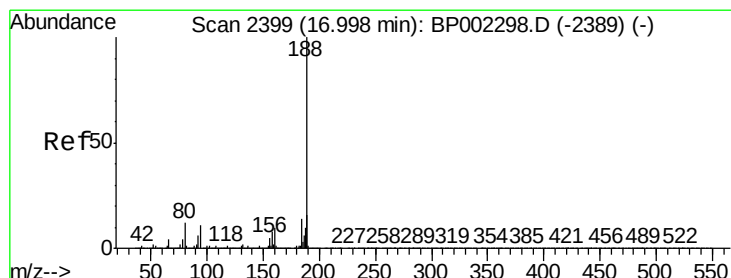
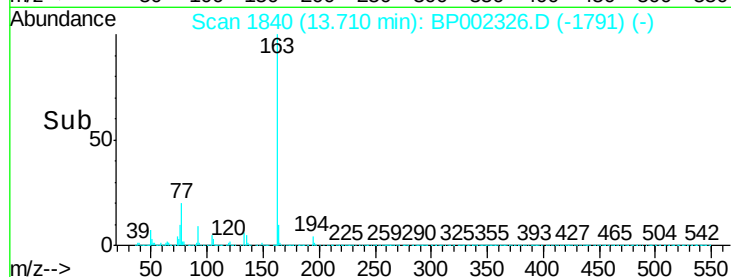
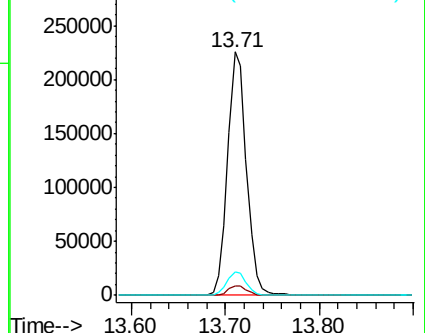
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

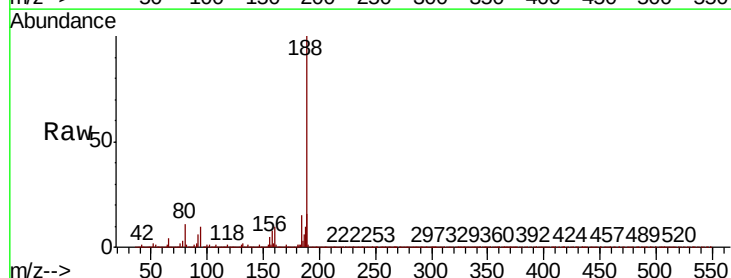
Tgt Ion:188 Resp: 1708780

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

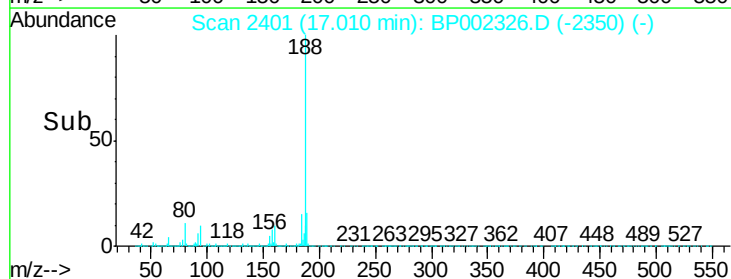
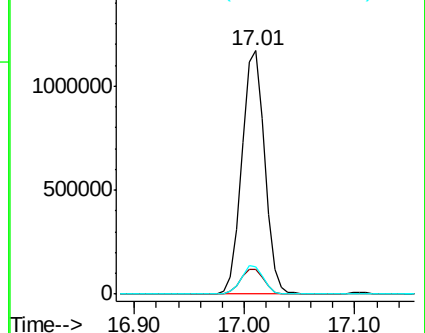
80 11.3 9.3 13.9

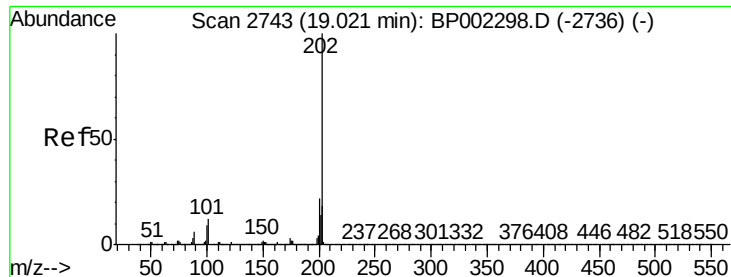


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#75

Fluoranthene

Concen: 4.184 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

Instrument :

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ClientSampleId :

225

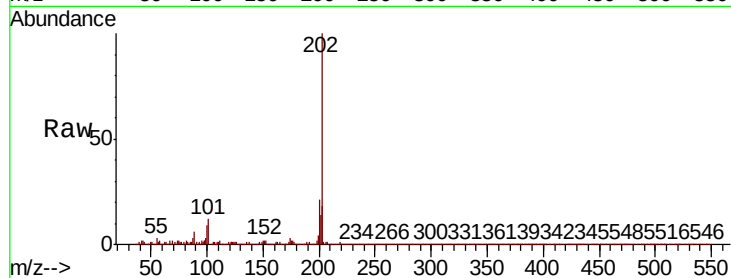
Tot Ion:202 Resp: 390070

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.1

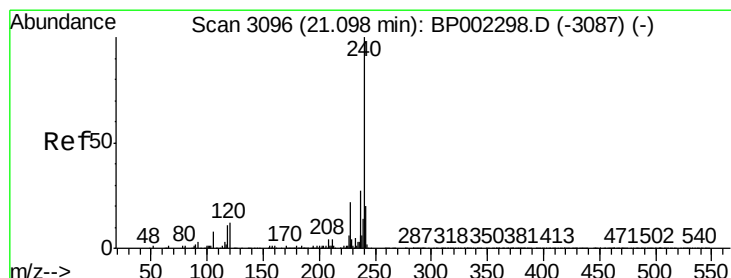
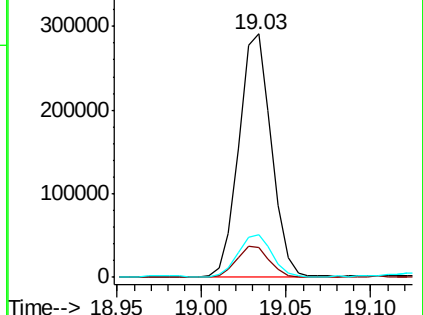
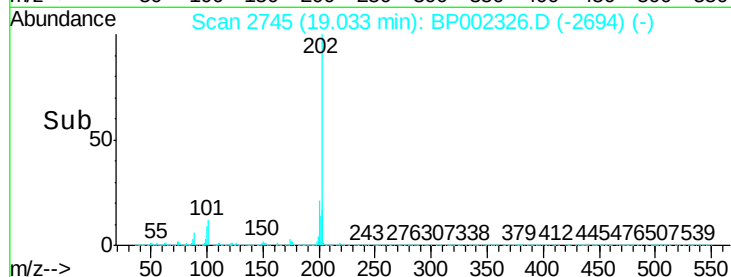
203 17.5 0.0 37.6



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: 21.11 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

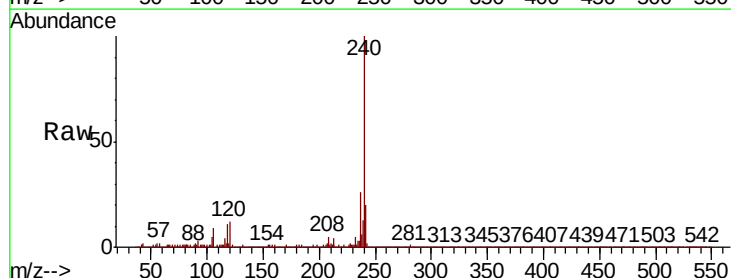
Tgt Ion:240 Resp: 1503571

Ion Ratio Lower Upper

240 100

120 12.4 8.7 13.1

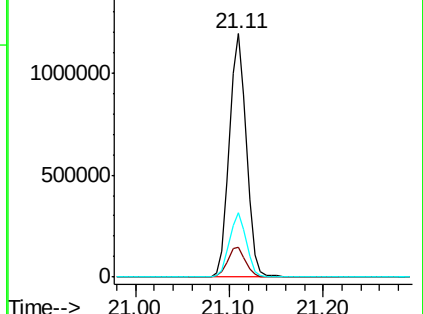
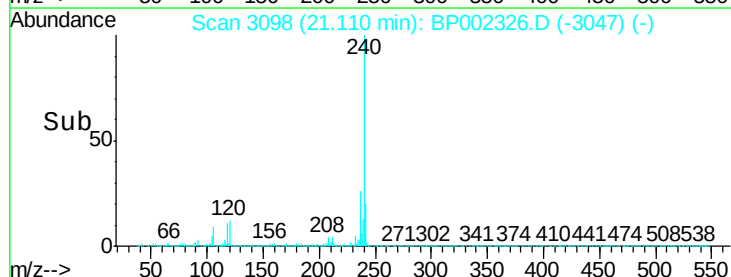
236 26.5 21.0 31.4

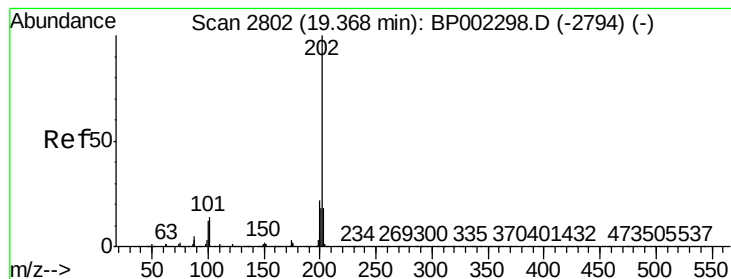


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.842 ng

RT: 19.38 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

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225

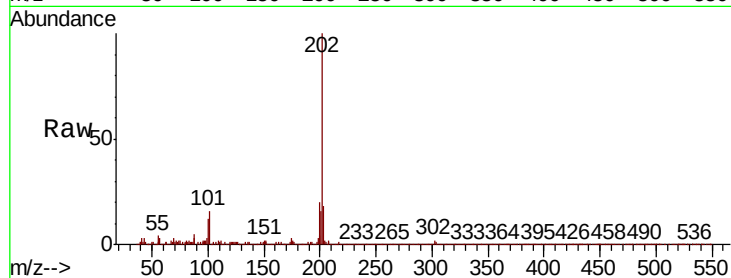
Tot Ion:202 Resp: 359693

Ion Ratio Lower Upper

202 100

200 20.3 17.3 25.9

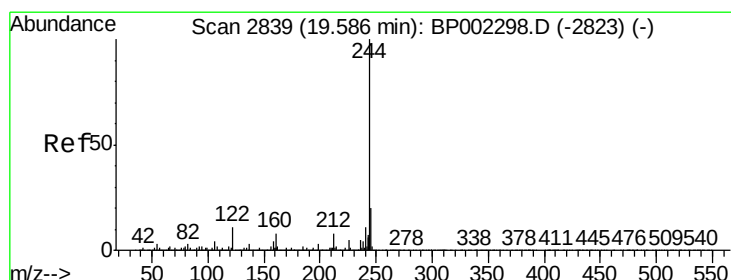
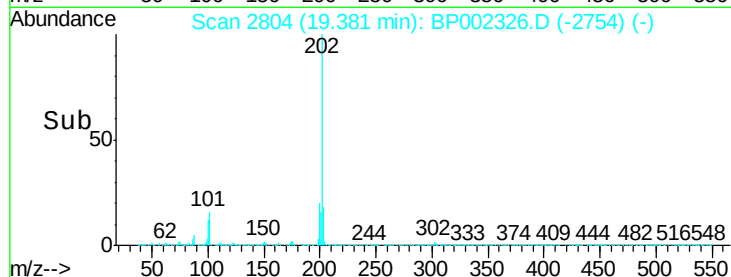
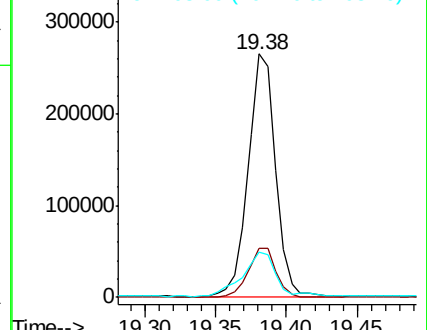
203 18.4 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 35.516 ng

RT: 19.59 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

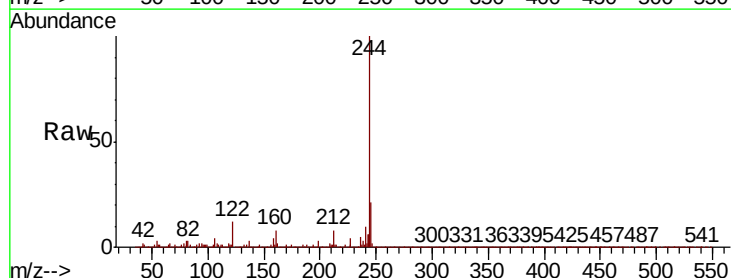
Tgt Ion:244 Resp: 2205091

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

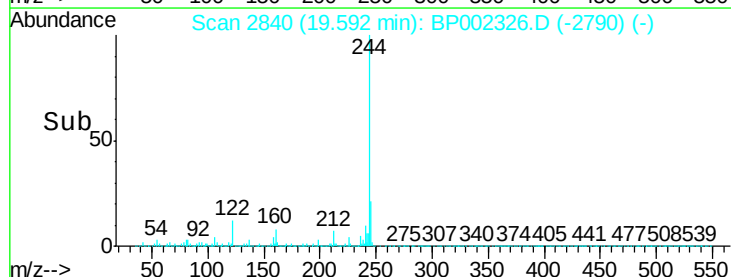
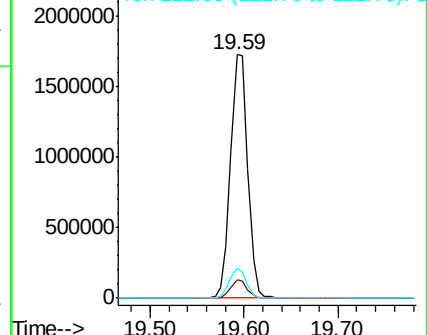
122 12.3 9.4 14.0

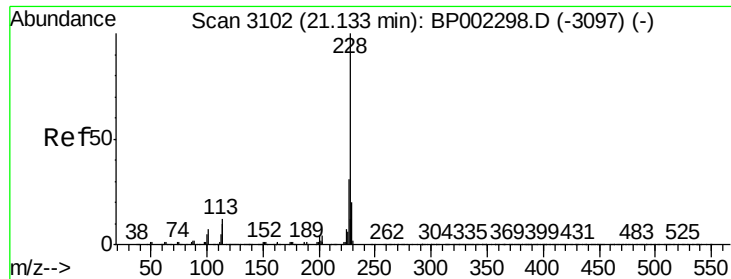


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Chrysene

Concen: 2.186 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

Instrument :

BNA_P

ClientSampleId :

225

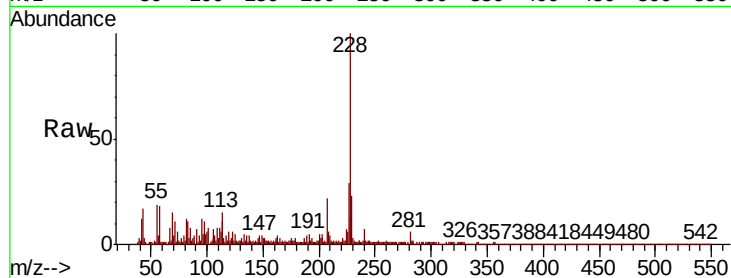
Tot Ion:228 Resp: 180607

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

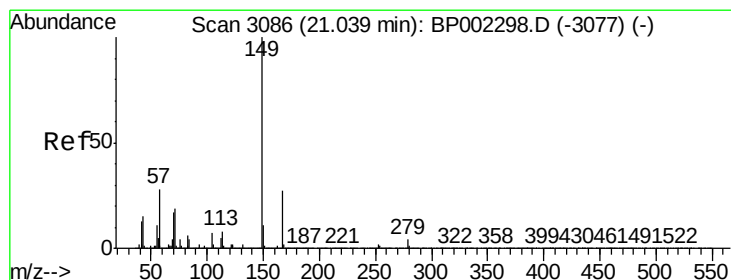
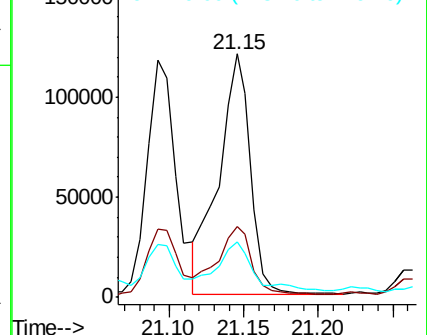
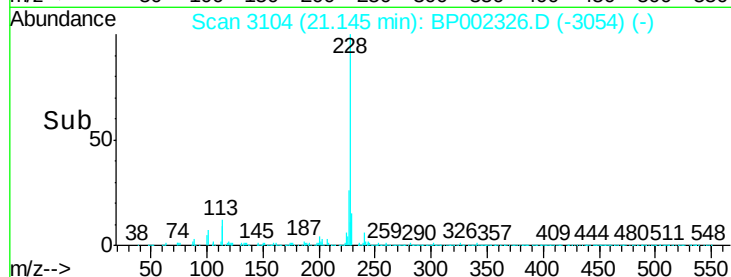
229 23.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.082 ng

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

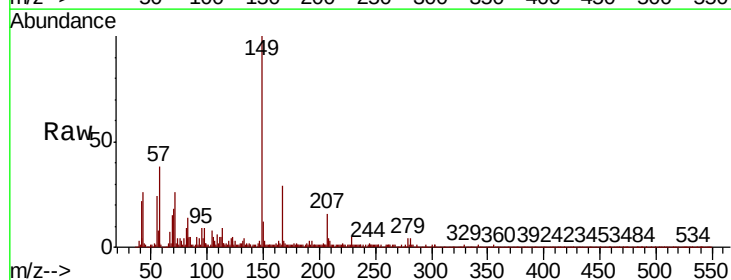
Tgt Ion:149 Resp: 175556

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.6

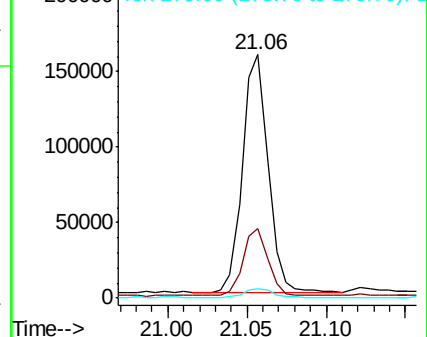
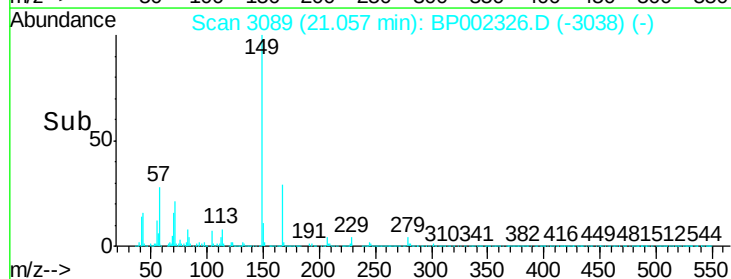
279 4.1 3.9 5.9

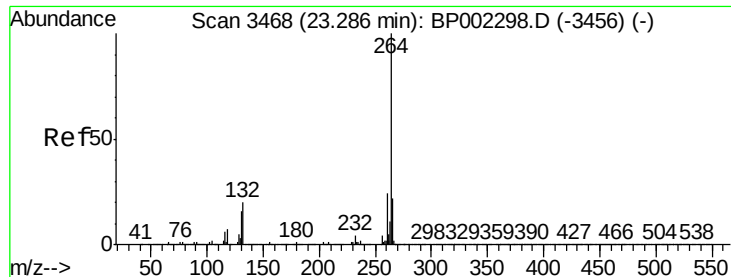


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

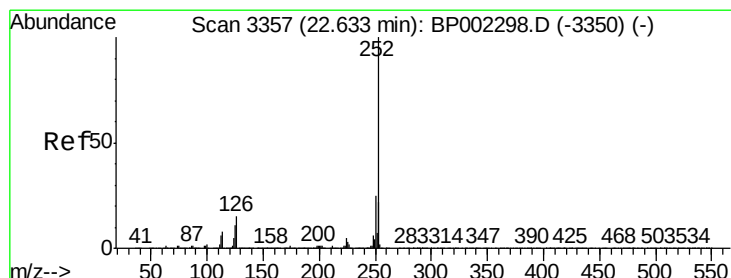
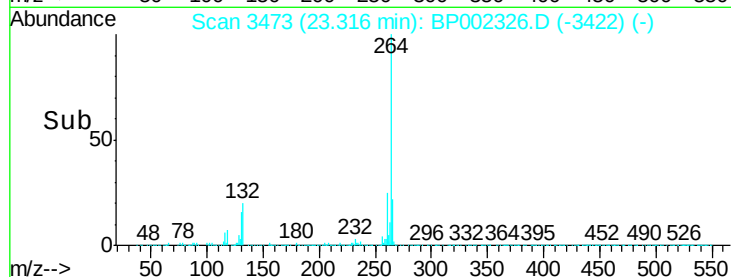
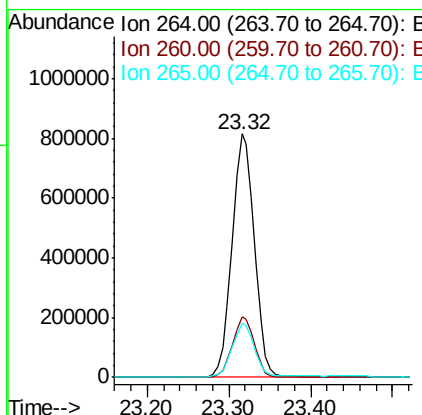
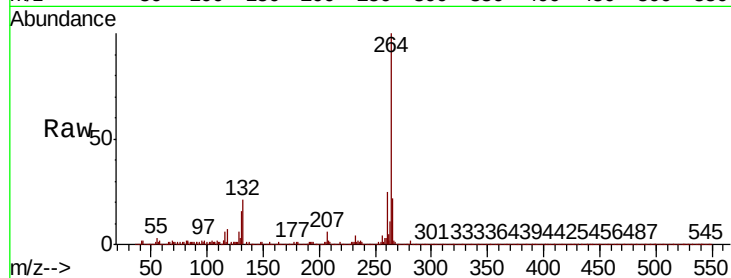




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

Instrument :
BNA_P
ClientSampled :
225

Tot Ion:264 Resp: 1544557
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 22.4 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 2.167 ng
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

Tgt Ion:252 Resp: 182493
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 17.0 7.2 10.8#

