

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 :

Quant Time: May 30 00:50:18 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

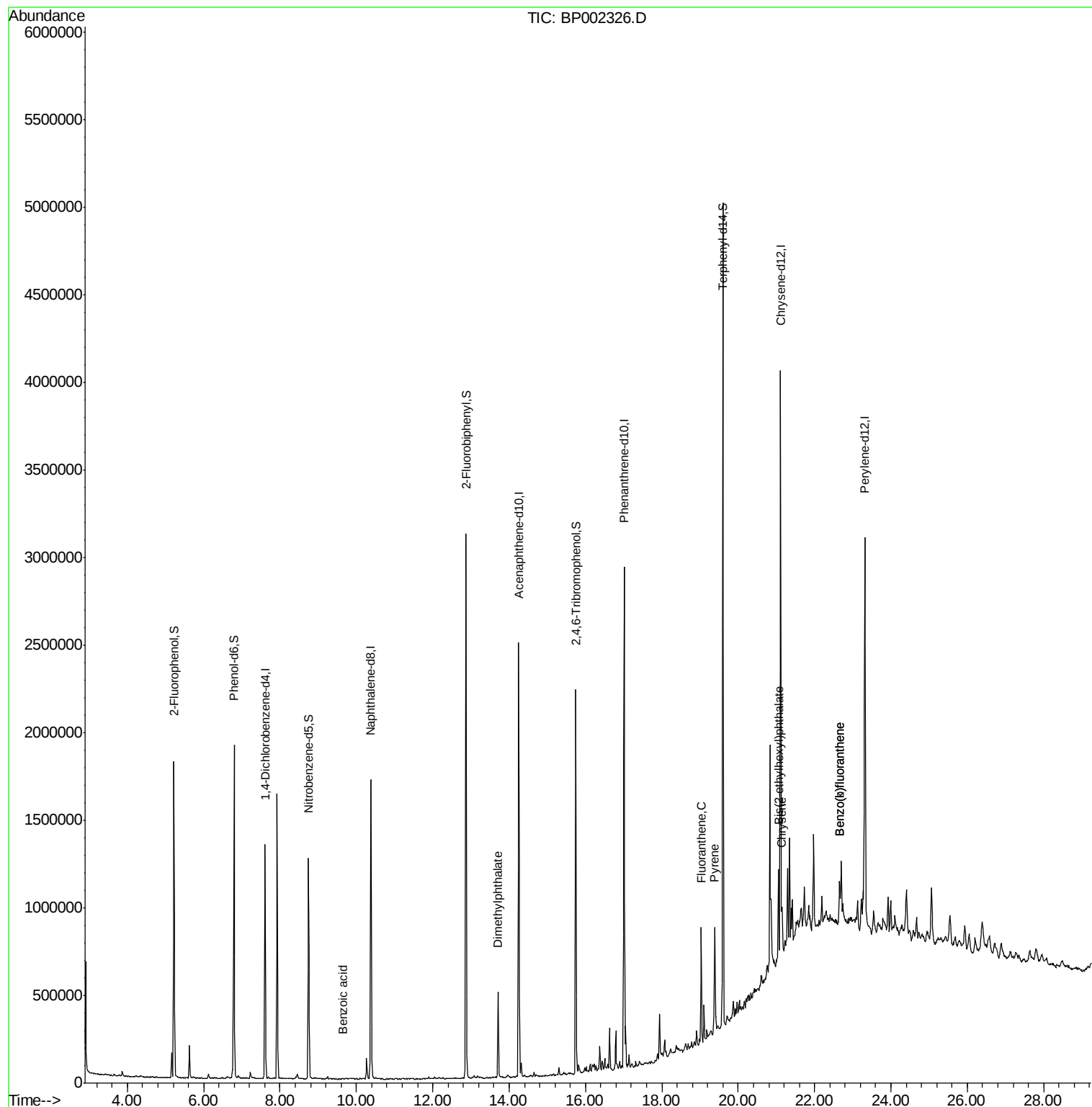
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	343926	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1432682	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	834624	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1708780	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1503571	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						
32) Benzoic acid	9.66	122	1145	4.882	ng	Qvalue # 67
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
89) Benzo(k)fluoranthene	22.66	252	182493	2.258	ng	# 90

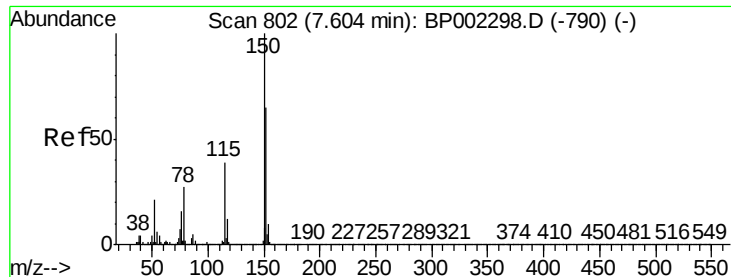
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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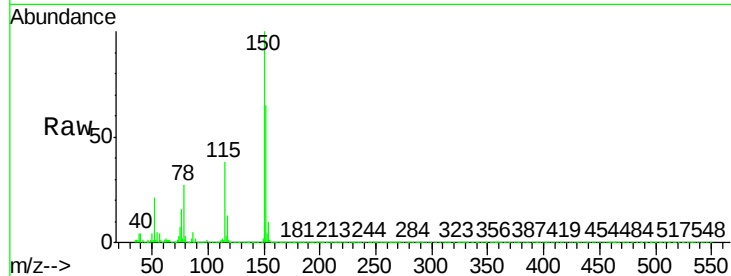


#1

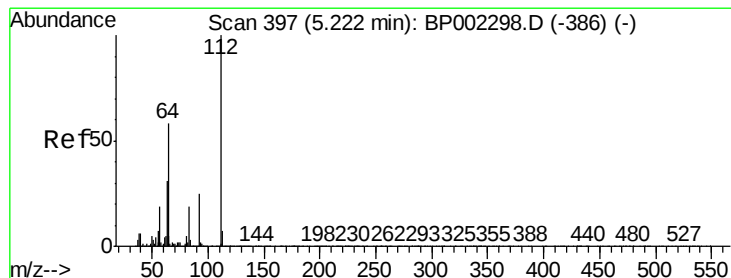
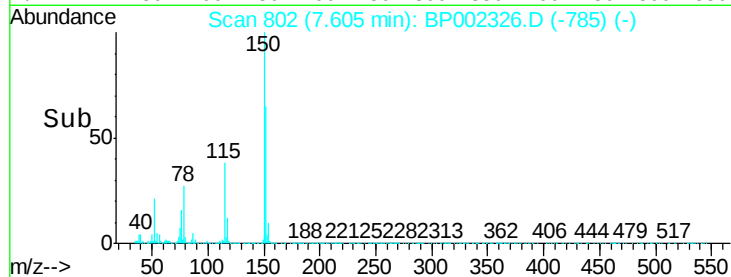
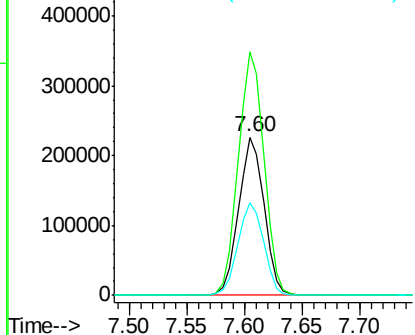
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

Instrument :
BNA_P
ClientSampleId :

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



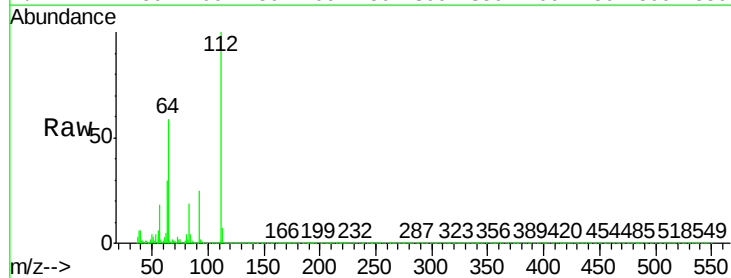
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



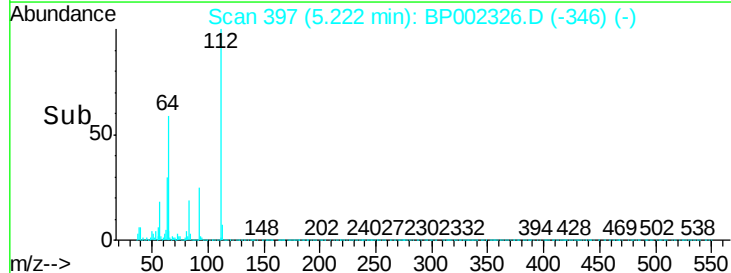
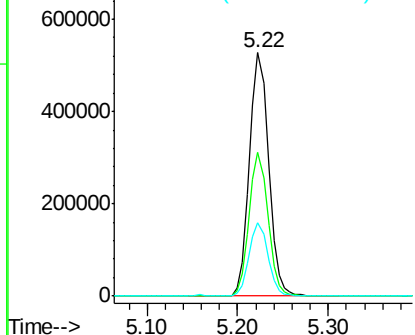
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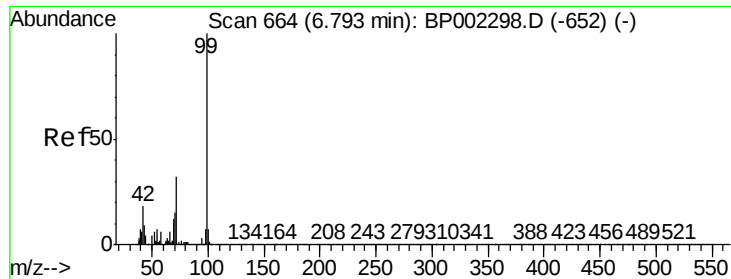
2-Fluorophenol
Concen: 42.347 ng
RT: 5.22 min Scan# 397
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

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 :

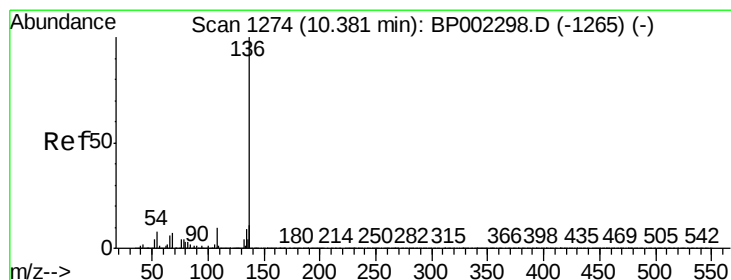
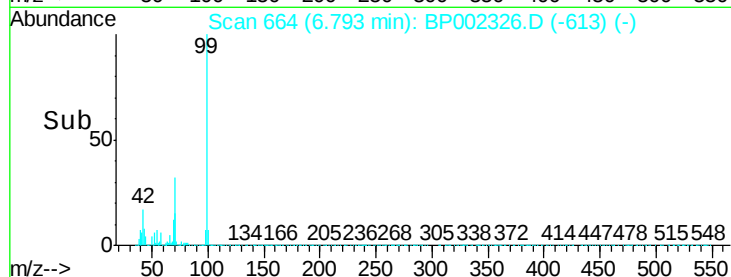
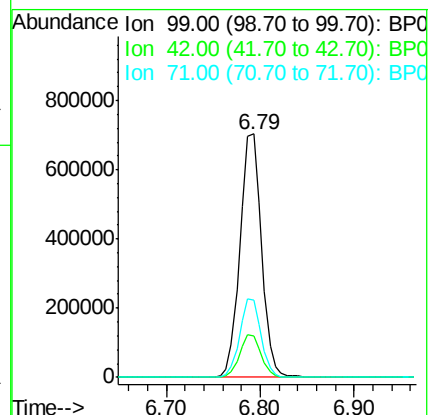
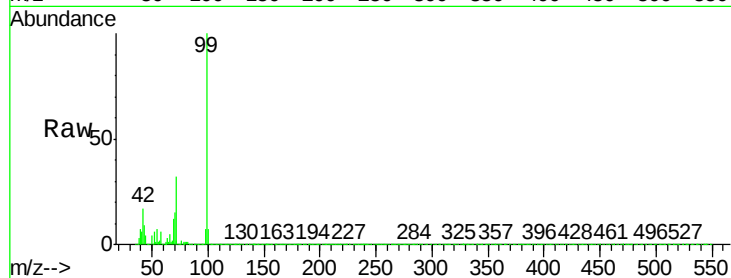
Tot Ion: 99 Resp: 1121281

Ion Ratio Lower Upper

99 100

42 17.2 13.9 20.9

71 31.7 25.8 38.8



#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

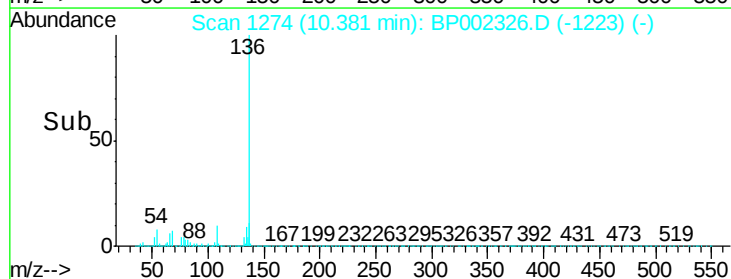
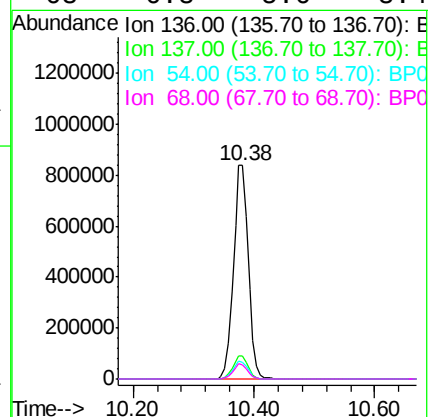
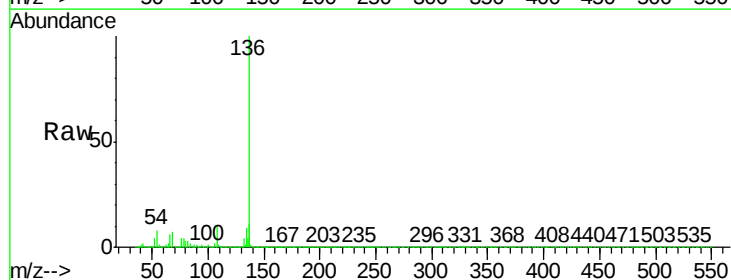
Ion Ratio Lower Upper

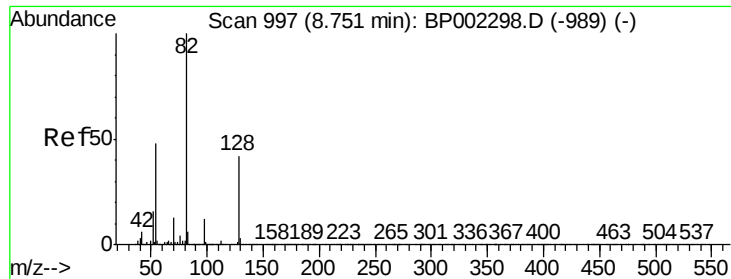
136 100

137 10.7 8.8 13.2

54 8.0 6.9 10.3

68 6.8 5.6 8.4

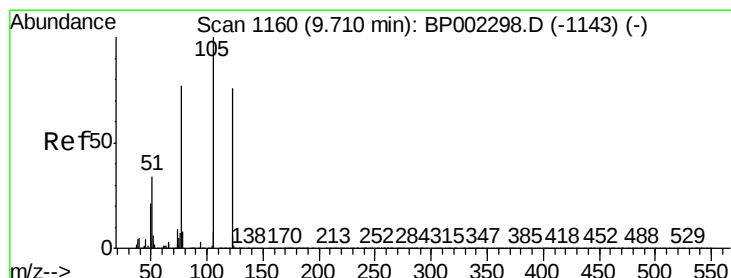
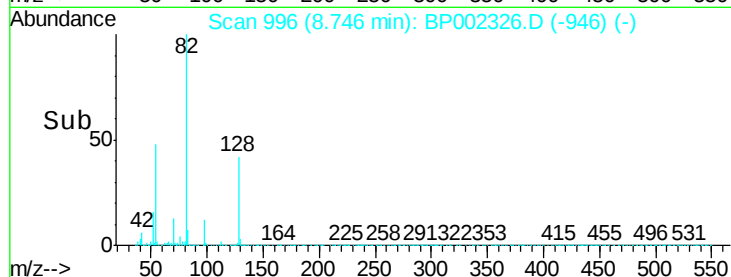
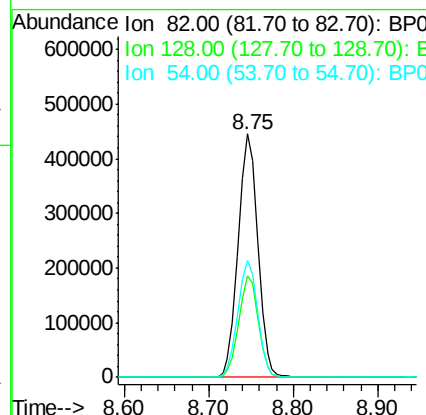
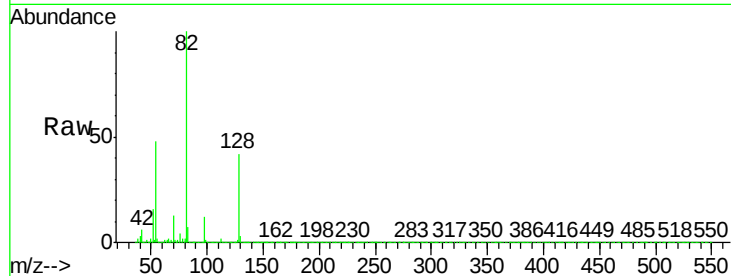




#23
 Nitrobenzene-d5
 Concen: 29.902 ng
 RT: 8.75 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BP002326.D
 Acq: 29 May 2020 21:27

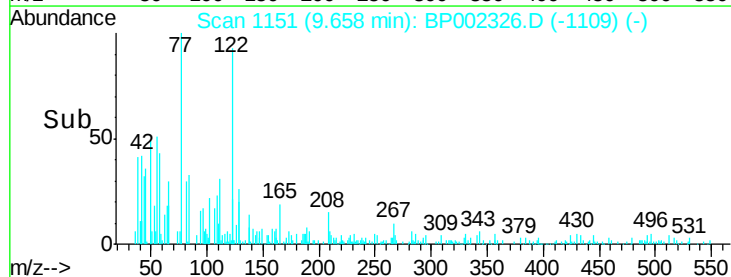
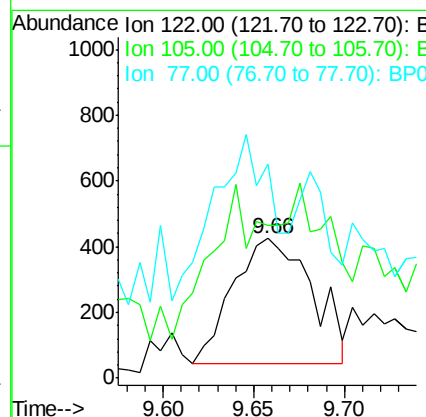
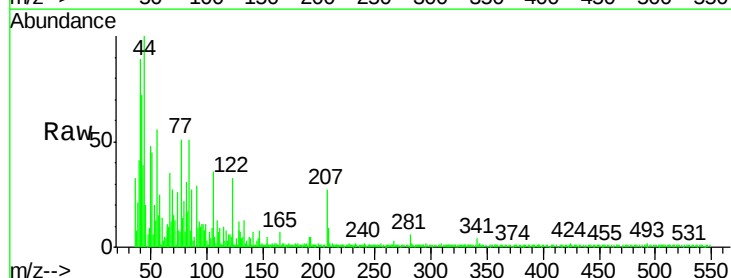
Instrument :
 BNA_P
 ClientSampleId :

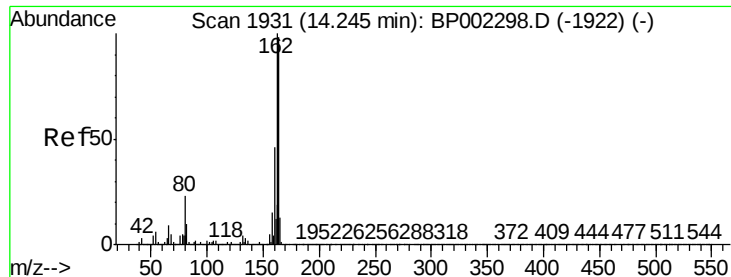
Tot Ion	82	Resp	712544
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.4	50.0
54	48.0	38.3	57.5



#32
 Benzoic acid
 Concen: 4.882 ng
 RT: 9.66 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BP002326.D
 Acq: 29 May 2020 21:27

Tgt Ion	122	Resp	1145
Ion Ratio	Lower	Upper	
122	100		
105	109.2	102.7	142.7
77	153.3	74.8	114.8#

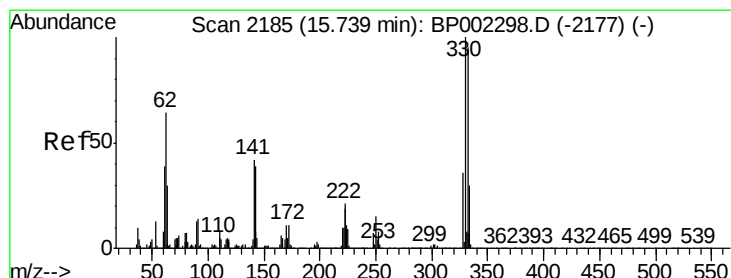
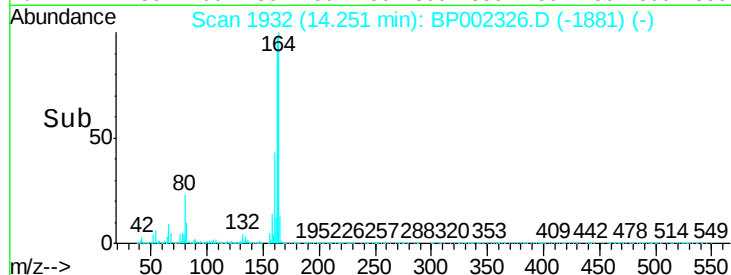
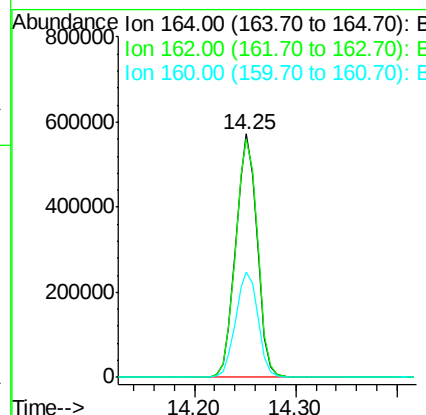
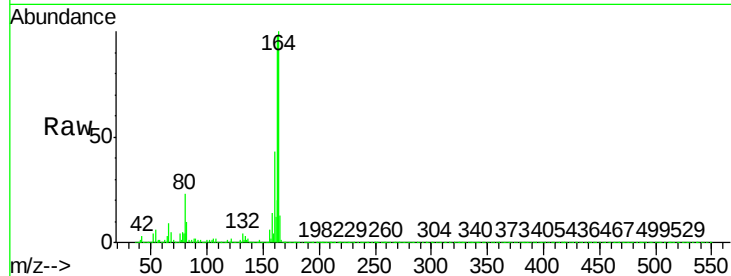




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

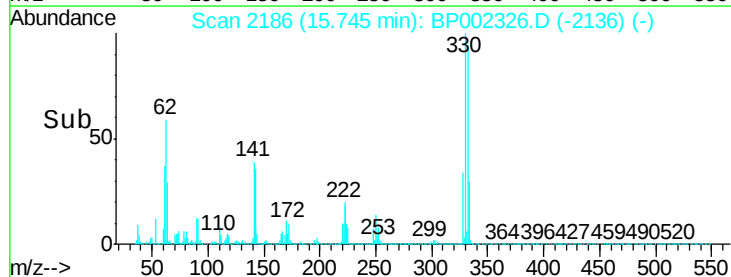
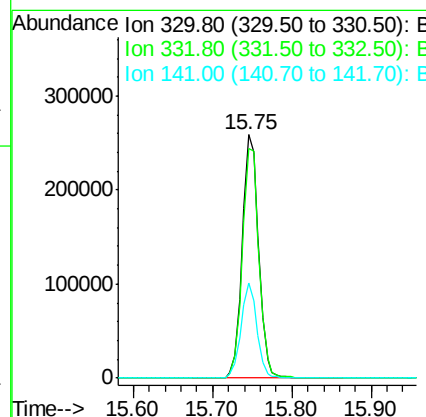
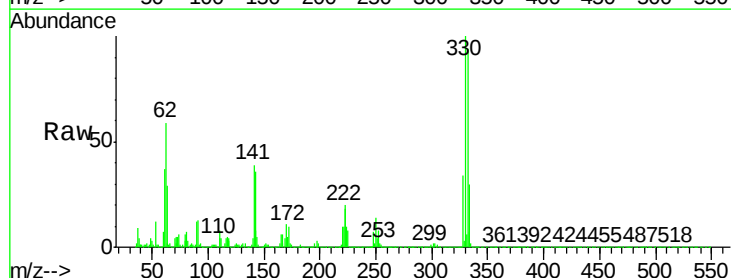
Instrument :
BNA_P
ClientSampleId :

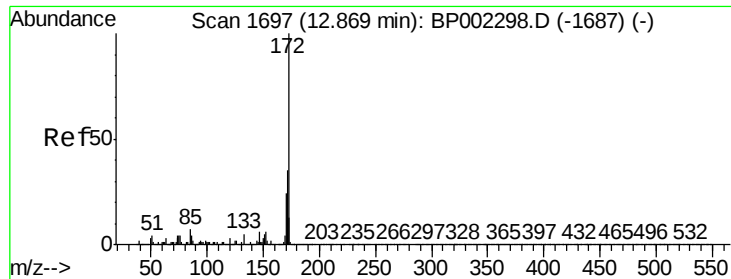
Tot Ion:164 Resp: 834624
Ion Ratio Lower Upper
164 100
162 97.9 81.3 121.9
160 43.1 37.2 55.8



#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

Tgt Ion:330 Resp: 369258
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 37.7 31.4 47.2

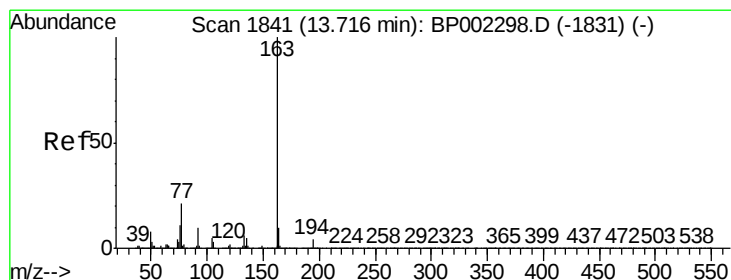
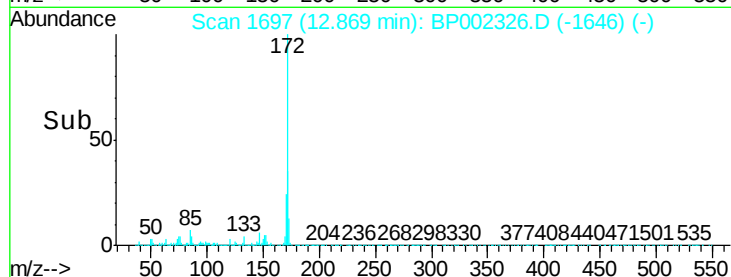
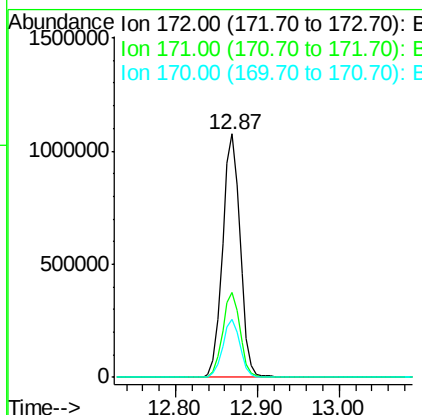
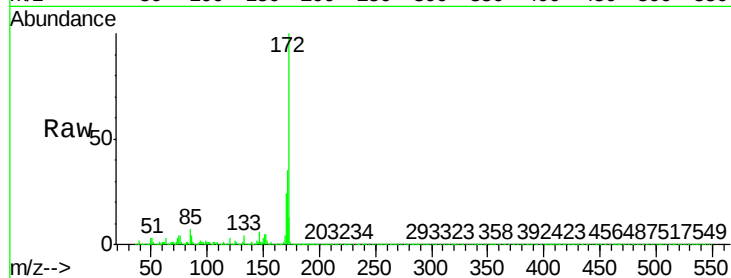




#45
2-Fluorobiphenyl
Concen: 33.909 ng
RT: 12.87 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

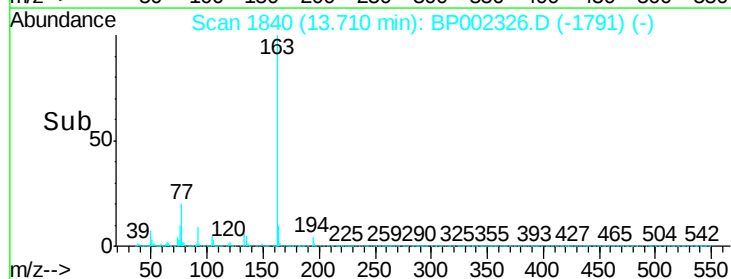
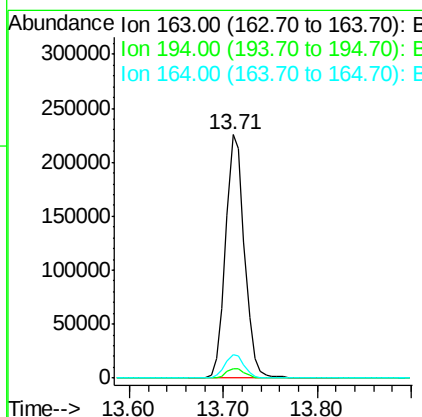
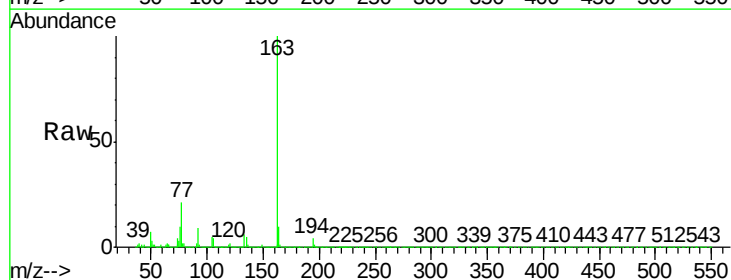
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BNA_P
ClientSampleId :

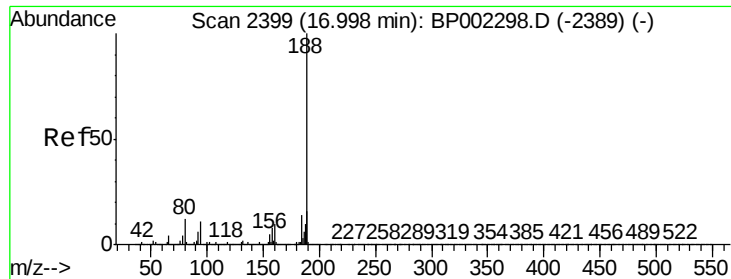
Tot Ion:172 Resp: 1603905
Ion Ratio Lower Upper
172 100
171 34.9 27.6 41.4
170 23.8 18.9 28.3



#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

Tgt Ion:163 Resp: 314899
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 8.1 12.1





#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

Instrument :

BNA_P

ClientSampleId :

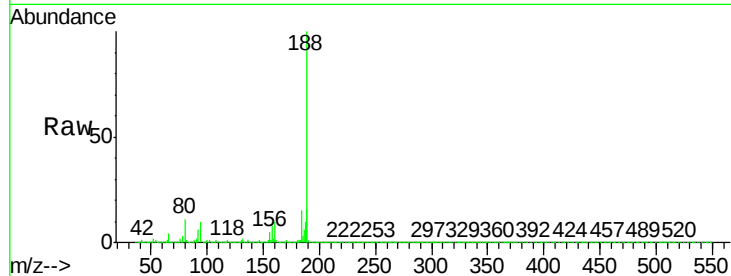
Tot Ion:188 Resp: 1708780

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

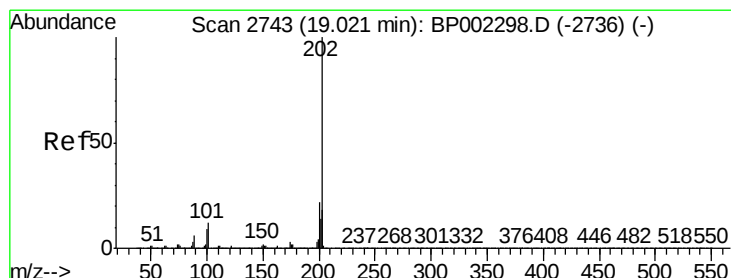
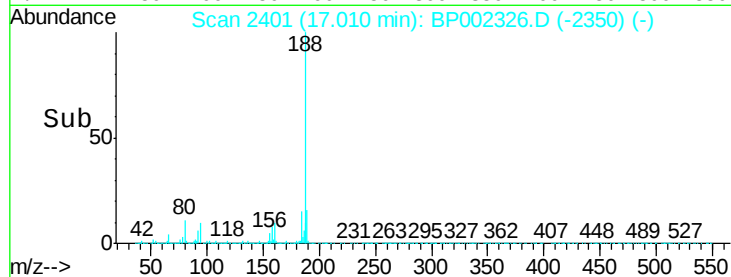
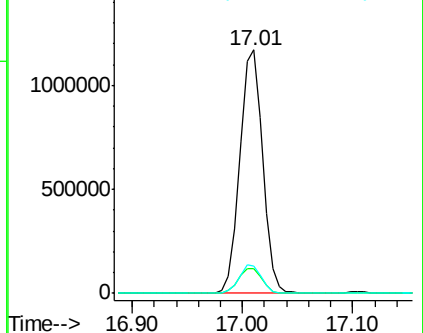
80 11.3 9.3 13.9



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

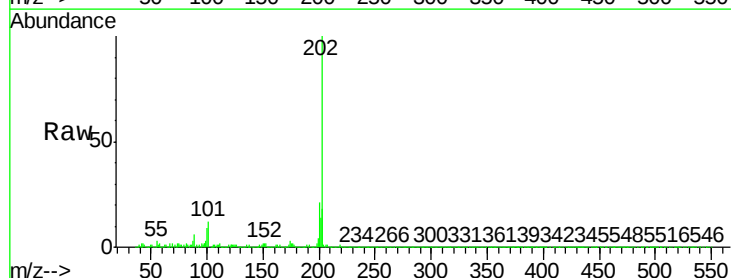
Tgt Ion:202 Resp: 390070

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.1

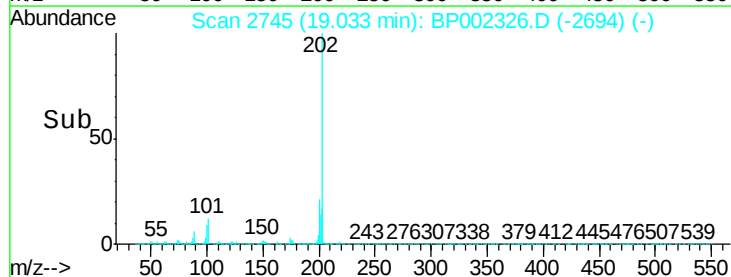
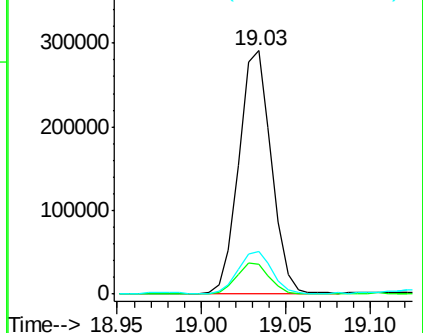
203 17.5 0.0 37.6

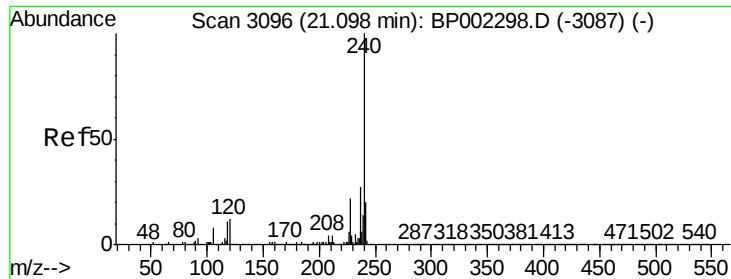


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

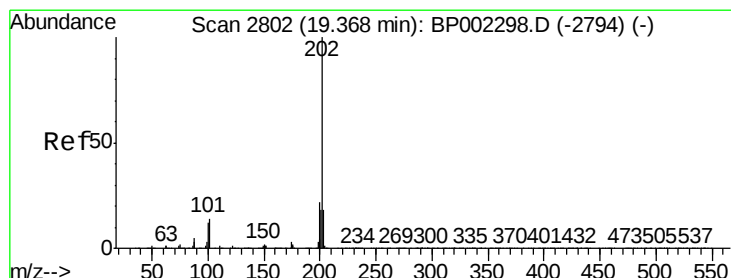
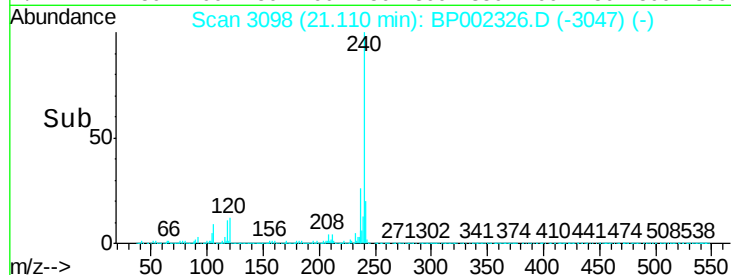
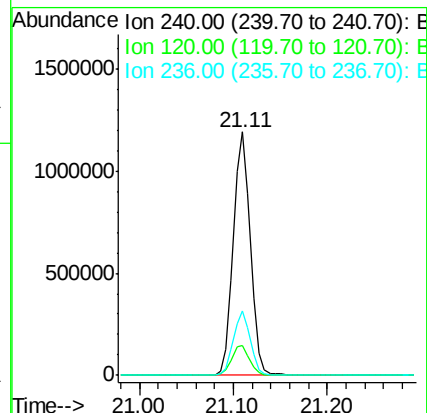
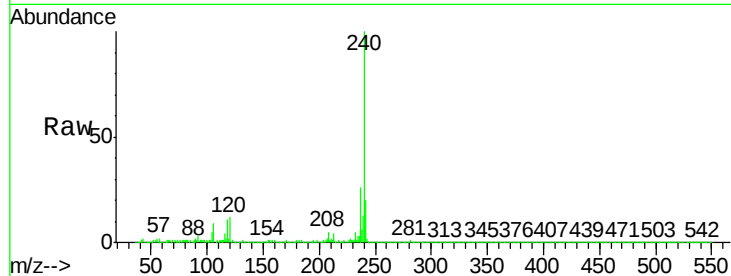




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

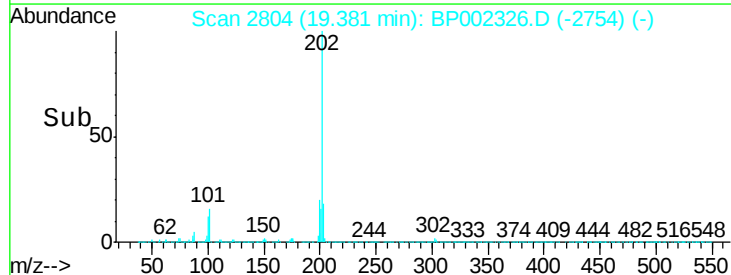
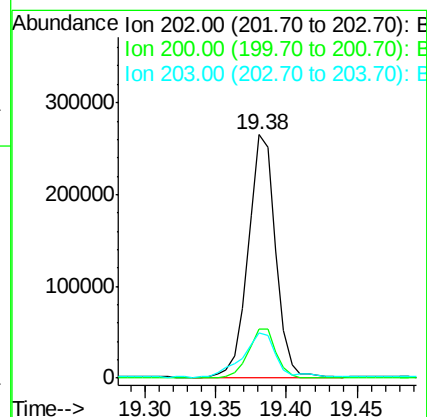
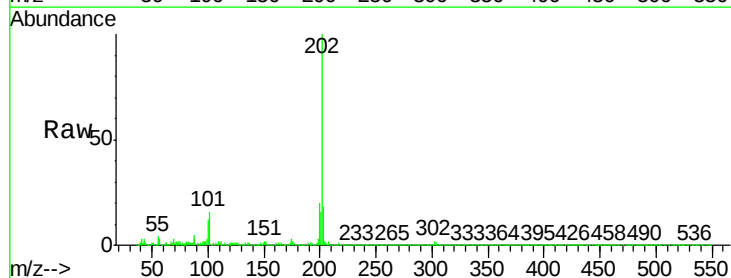
Instrument :
BNA_P
ClientSampleId :

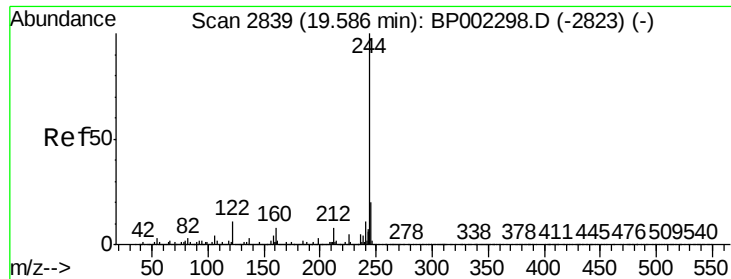
Tot Ion:240 Resp: 1503571
Ion Ratio Lower Upper
240 100
120 12.4 8.7 13.1
236 26.5 21.0 31.4



#78
Pyrene
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

Tgt Ion:202 Resp: 359693
Ion Ratio Lower Upper
202 100
200 20.3 17.3 25.9
203 18.4 13.8 20.6

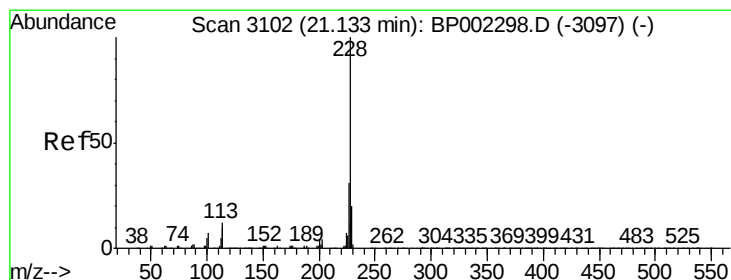
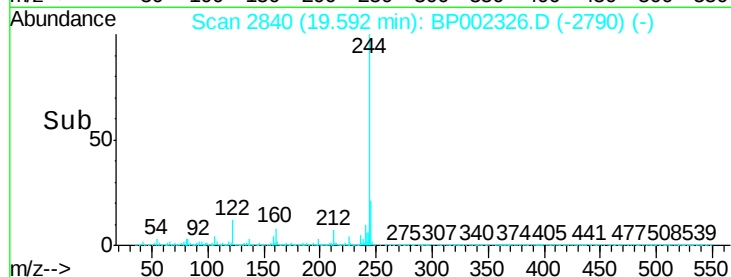
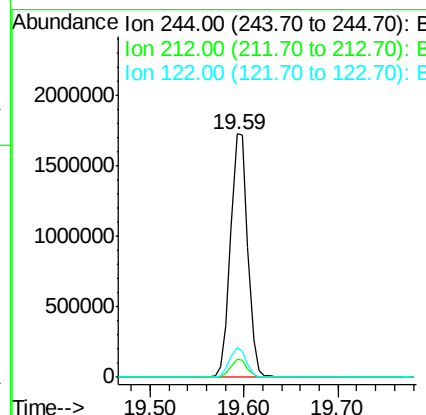
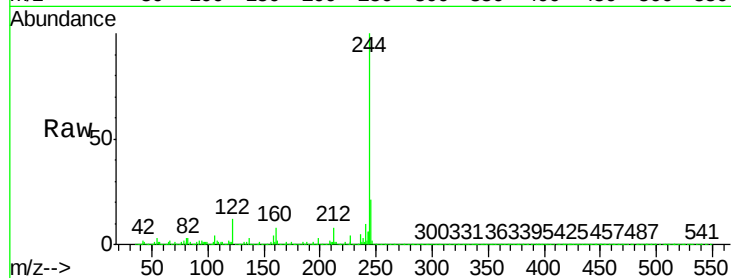




#79
 Terphenyl-d14
 Concen: 35.516 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BP002326.D
 Acq: 29 May 2020 21:27

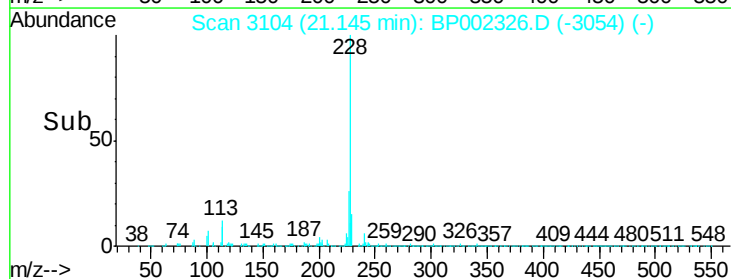
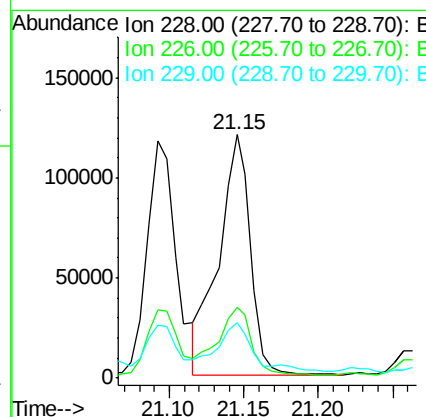
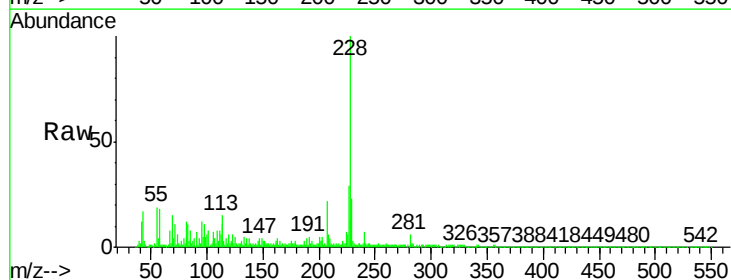
Instrument :
 BNA_P
 ClientSampleId :

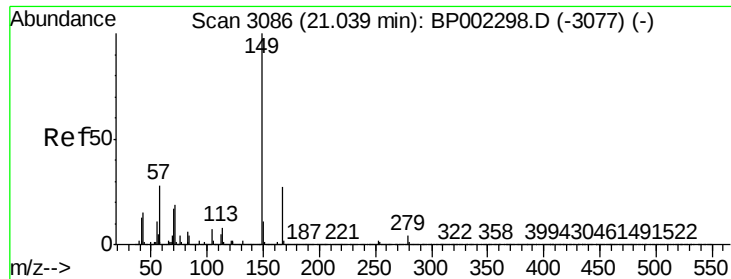
Tot Ion:244 Resp: 2205091
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 12.3 9.4 14.0



#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

Tgt Ion:228 Resp: 180607
 Ion Ratio Lower Upper
 228 100
 226 29.2 25.0 37.6
 229 23.0 16.2 24.4





#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

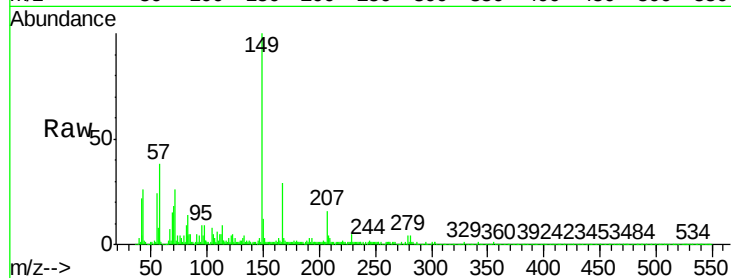
Instrument :

BNA_P

ClientSampleId :

Tot Ion:149 Resp: 175556

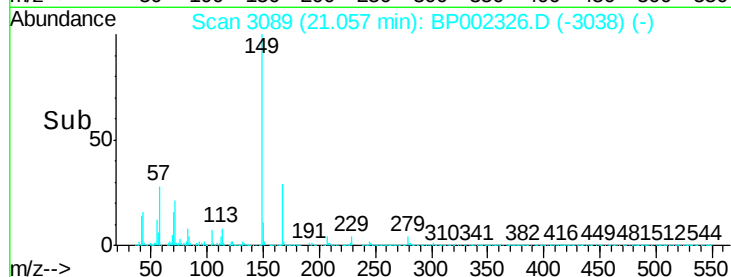
Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.6
279	4.1	3.9	5.9



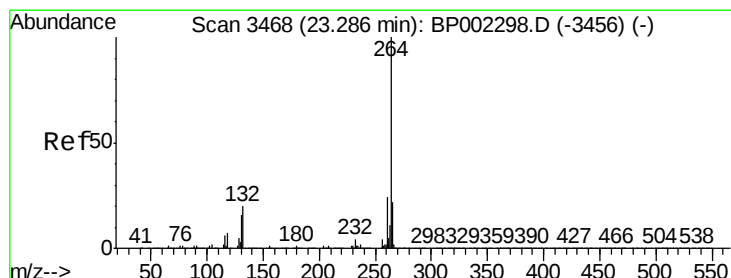
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.32 min Scan# 3473

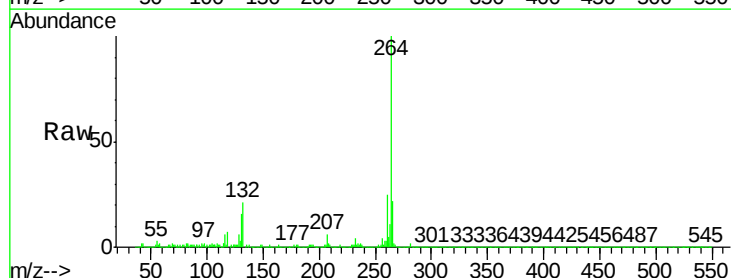
Delta R.T. 0.00 min

Lab File: BP002326.D

Acq: 29 May 2020 21:27

Tgt Ion:264 Resp: 1544557

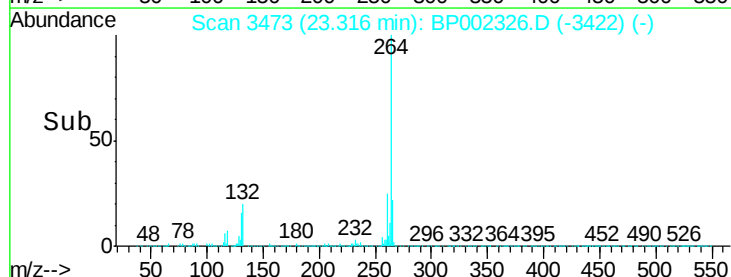
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	22.4	17.8	26.6



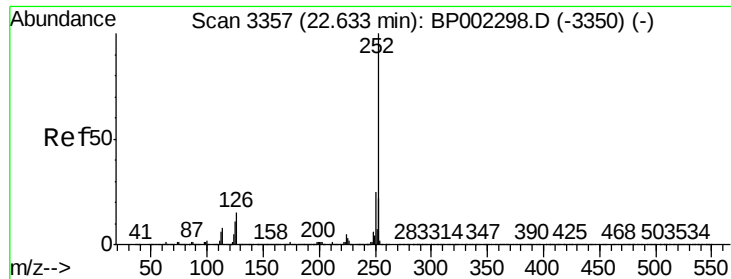
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



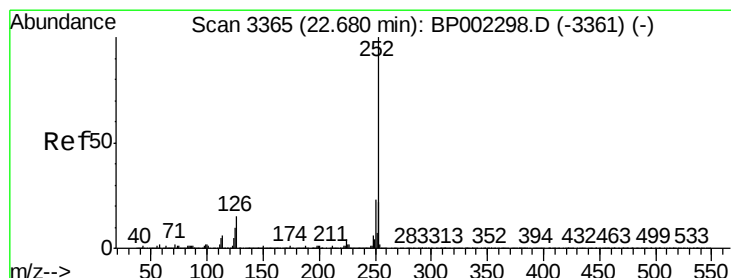
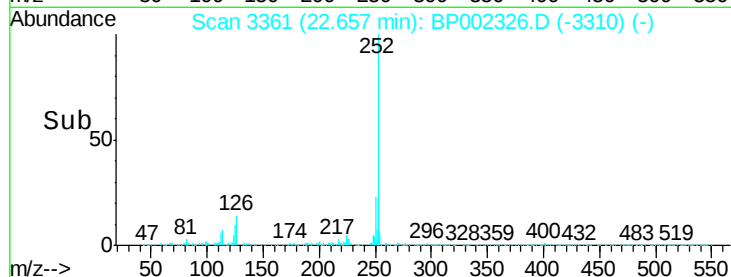
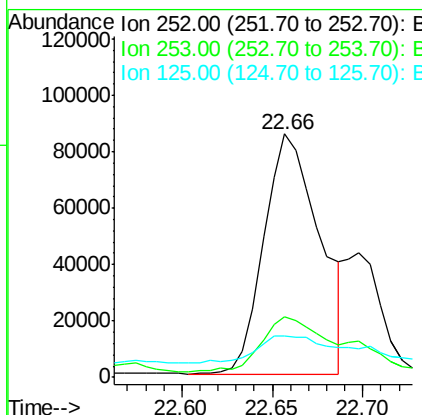
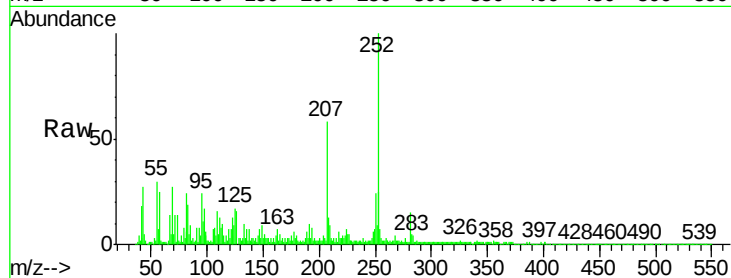
Time-->



#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

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	17.0	7.2	10.8#



#89
Benzo(k)fluoranthene
Concen: 2.258 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BP002326.D
Acq: 29 May 2020 21:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	17.0	7.4	11.2#

