

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007376.D
 Acq On : 08 Oct 2021 15:47
 Operator : CG/JU
 Sample : PB139656BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB139656BL

Quant Time: Oct 08 16:32:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:35:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

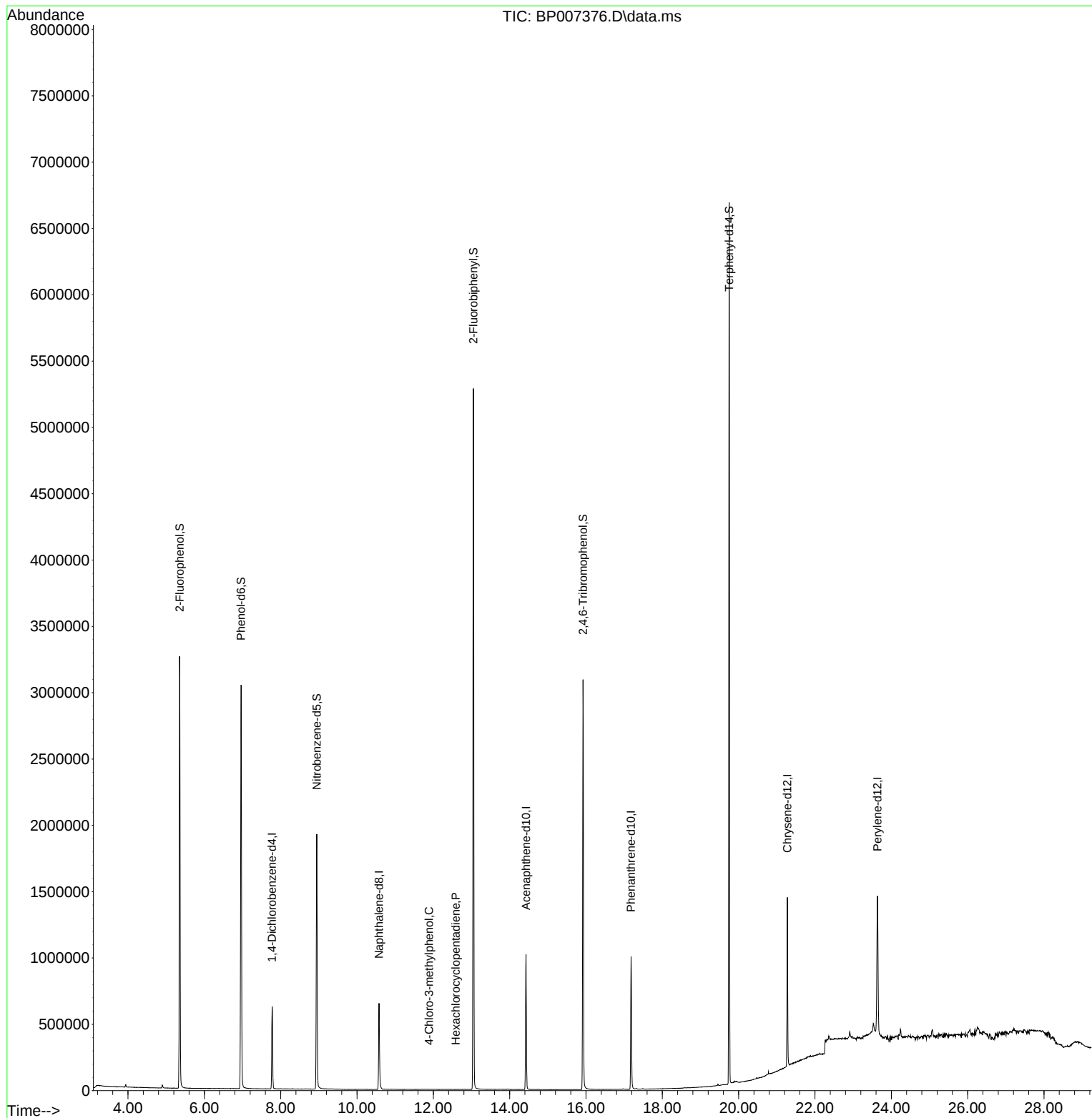
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	178556	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	596026	20.000	ng	# 0.00
39) Acenaphthene-d10	14.428	164	375705	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	649680	20.000	ng	0.00
76) Chrysene-d12	21.275	240	669856	20.000	ng	0.00
86) Perylene-d12	23.639	264	827594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1560440	144.000	ng	0.00
7) Phenol-d6	6.964	99	1915108	131.639	ng	0.00
23) Nitrobenzene-d5	8.946	82	1119398	110.612	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	761368	123.543	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	2904638	108.028	ng	0.00
79) Terphenyl-d14	19.751	244	3335713	87.831	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	166	Below Cal	#	1
36) 4-Chloro-3-methylphenol	11.887	107	4	2.318 ng	#	75
41) Hexachlorocyclopentadiene	12.587	237	12	6.056 ng	#	27
66) n-Nitrosodiphenylamine	15.922	169	17220	Below Cal	#	46
68) Hexachlorobenzene	16.487	284	122	Below Cal	#	61
69) Atrazine	16.645	200	28	Below Cal		80
88) Benzo(b)fluoranthene	22.927	252	621	Below Cal	#	1
89) Benzo(k)fluoranthene	22.974	252	731	Below Cal	#	1

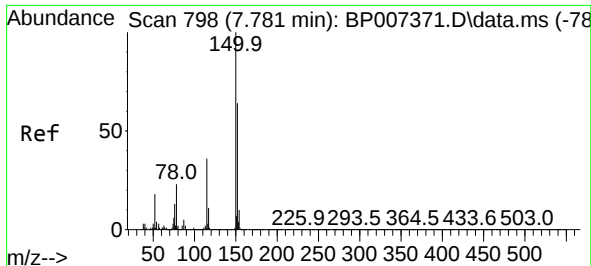
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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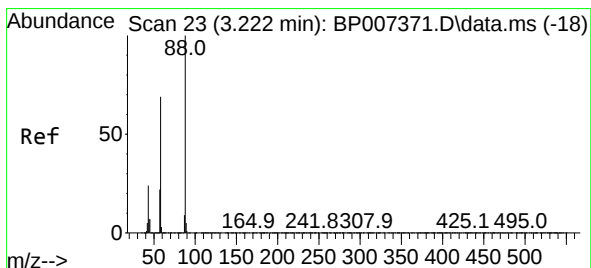
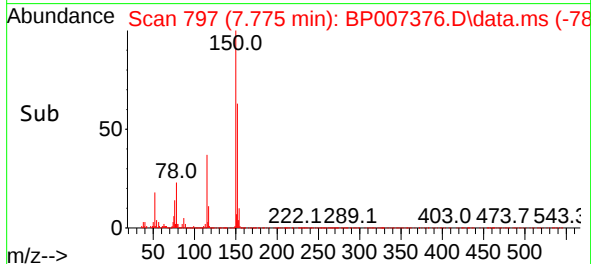
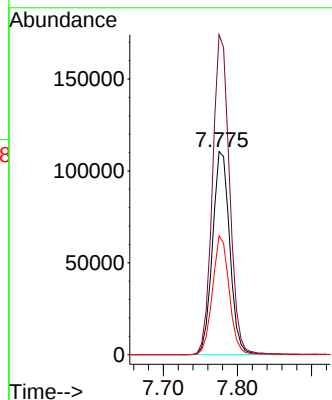
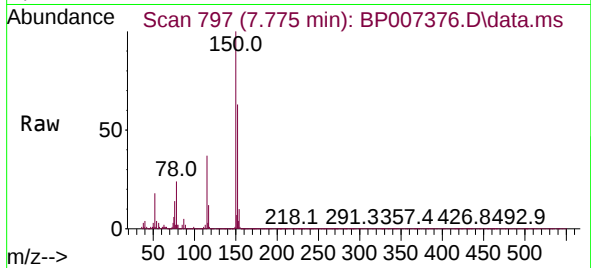




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

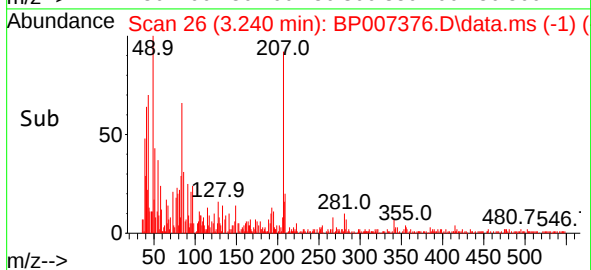
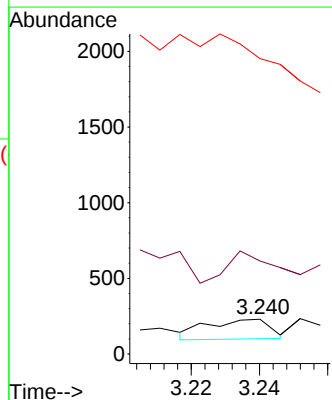
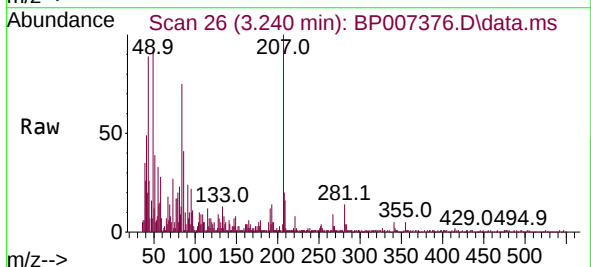
Instrument :
BNA_P
ClientSampleId :
PB139656BL

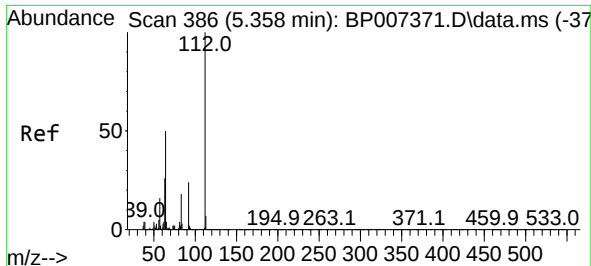
Tgt Ion:152 Resp: 178556
Ion Ratio Lower Upper
152 100
150 157.5 125.6 188.4
115 58.5 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.240 min Scan# 26
Delta R.T. 0.018 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

Tgt Ion: 88 Resp: 166
Ion Ratio Lower Upper
88 100
58 122.3 46.7 70.1#
43 1466.3 20.3 30.5#

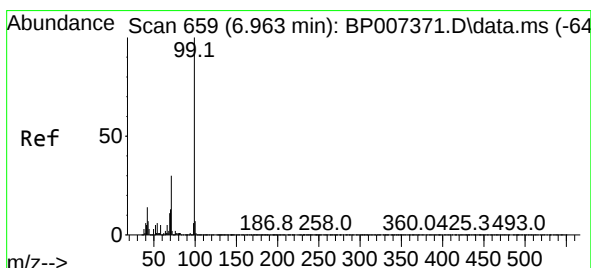
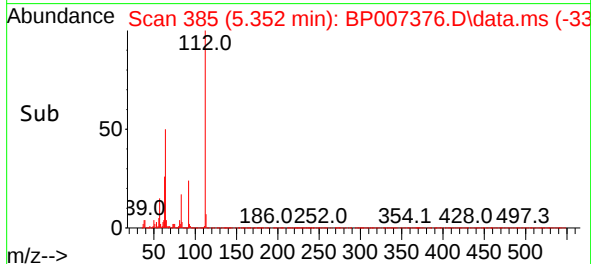
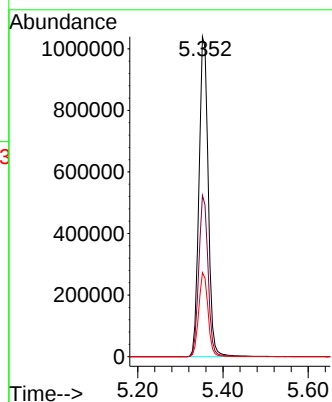
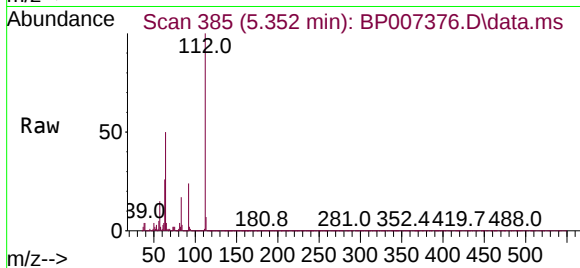




#5
2-Fluorophenol
Concen: 144.000 ng
RT: 5.352 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

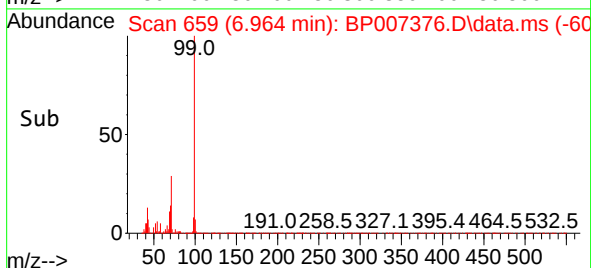
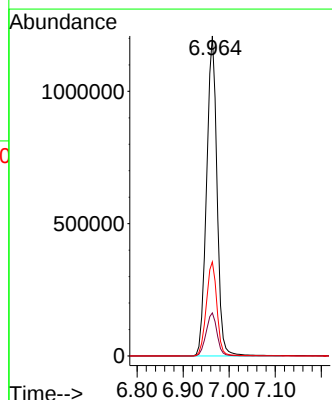
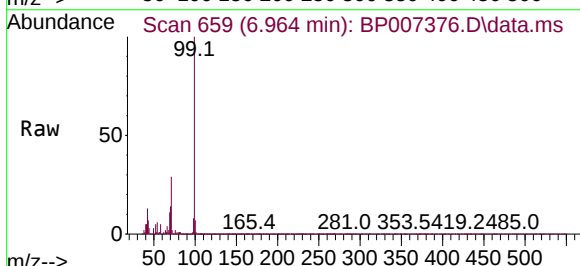
Instrument :
BNA_P
ClientSampleId :
PB139656BL

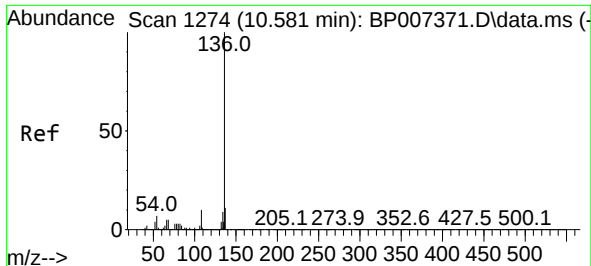
Tgt Ion:112 Resp: 1560440
Ion Ratio Lower Upper
112 100
64 50.4 41.4 62.2
63 26.3 23.8 35.8



#7
Phenol-d6
Concen: 131.639 ng
RT: 6.964 min Scan# 659
Delta R.T. 0.001 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

Tgt Ion: 99 Resp: 1915108
Ion Ratio Lower Upper
99 100
42 13.5 13.4 20.0
71 29.4 30.6 46.0#

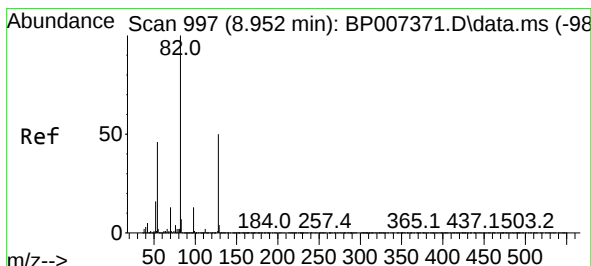
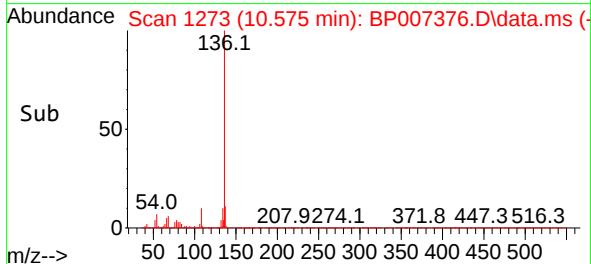
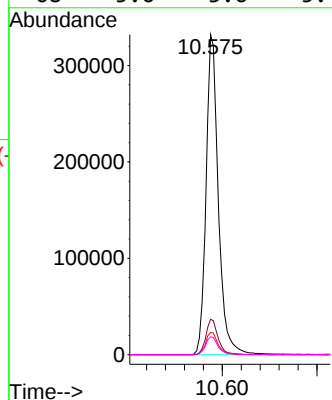
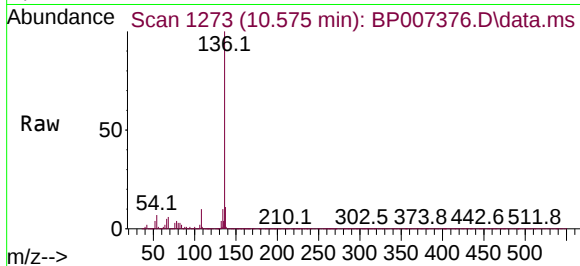




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

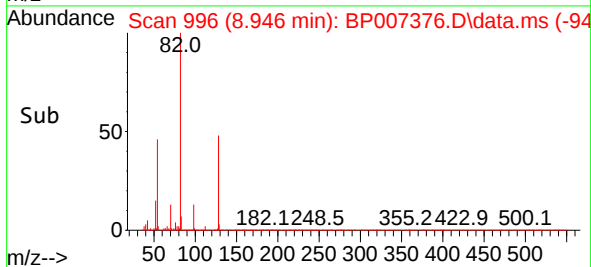
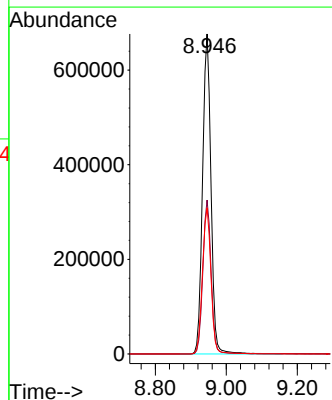
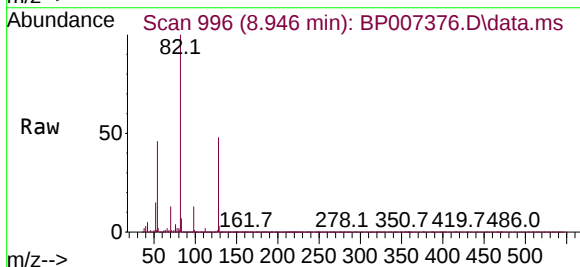
Instrument :
BNA_P
ClientSampleId :
PB139656BL

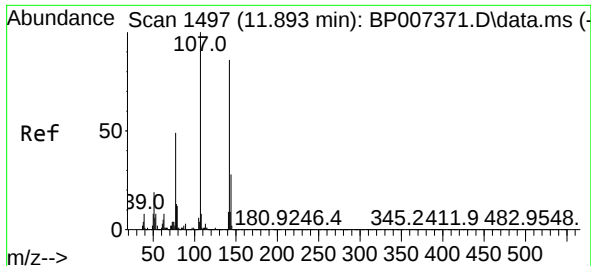
Tgt Ion:	136	Resp:	596026
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	6.9	4.6	6.8#
68	5.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 110.612 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

Tgt Ion:	82	Resp:	1119398
Ion Ratio	Lower	Upper	
82	100		
128	48.1	35.7	53.5
54	45.7	35.0	52.4

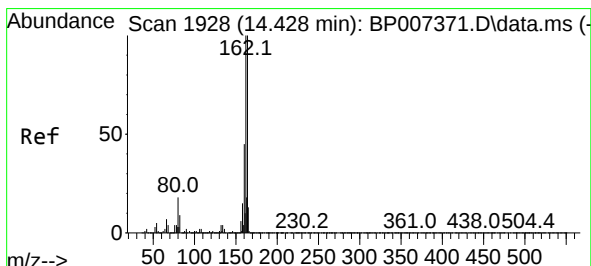
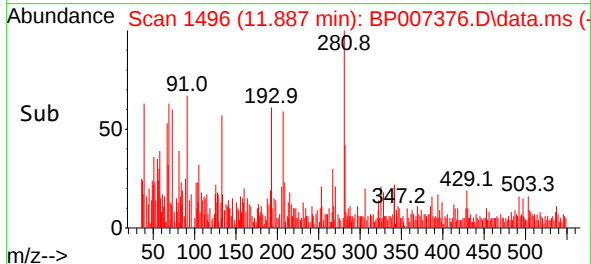
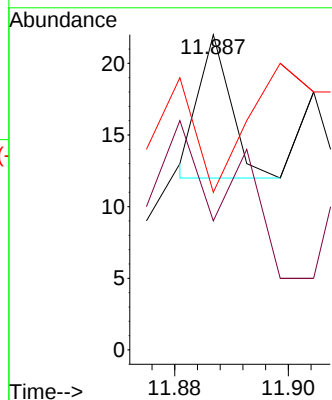
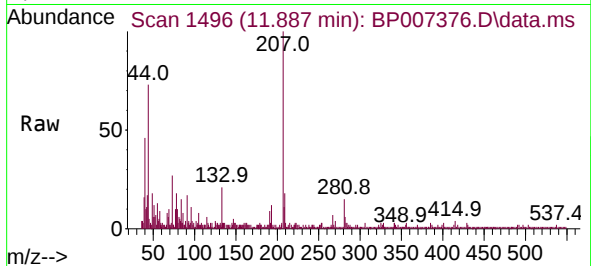




#36
4-Chloro-3-methylphenol
Concen: 2.318 ng
RT: 11.887 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

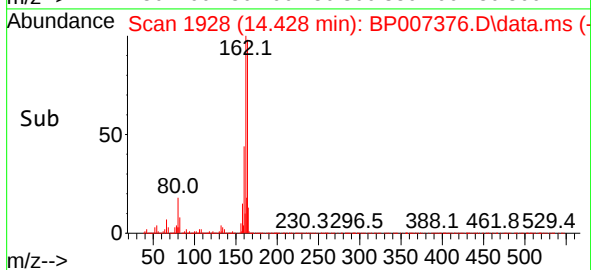
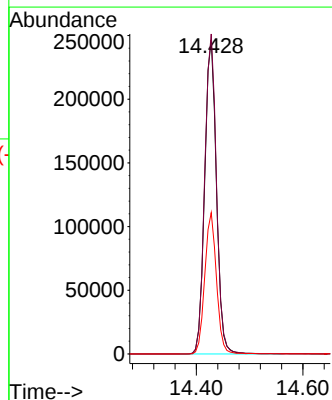
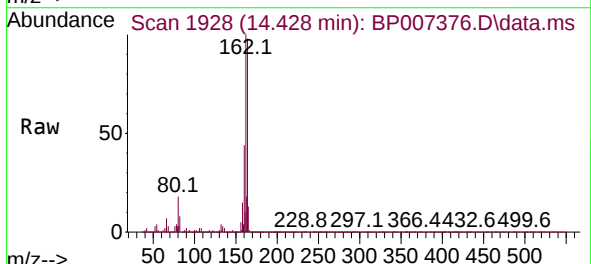
Instrument :
BNA_P
ClientSampleId :
PB139656BL

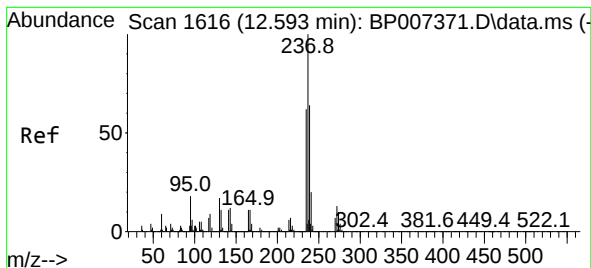
Tgt Ion:107 Resp: 4
Ion Ratio Lower Upper
107 100
144 40.9 21.1 31.7#
142 104.5 66.0 99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

Tgt Ion:164 Resp: 375705
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 45.0 34.5 51.7

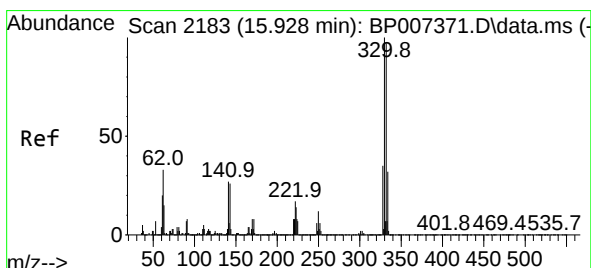
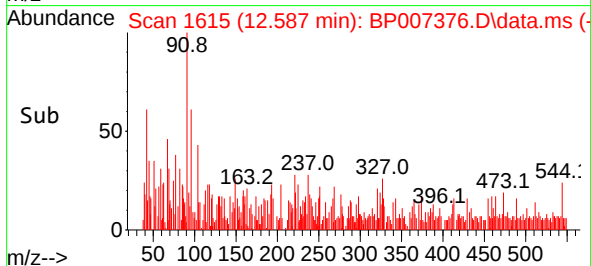
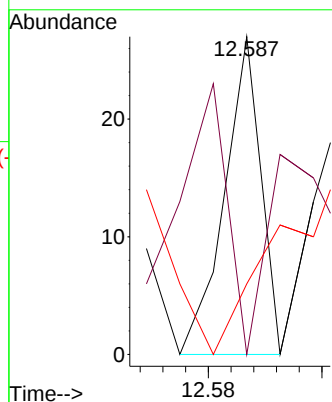
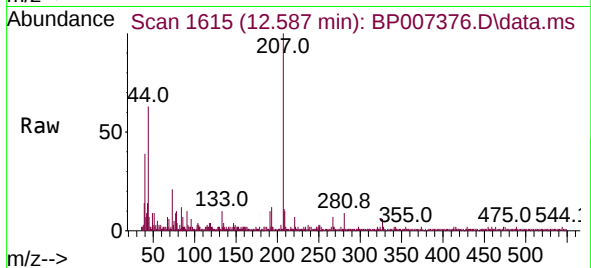




#41
Hexachlorocyclopentadiene
Concen: 6.056 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

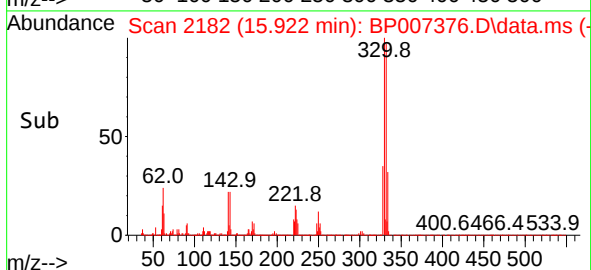
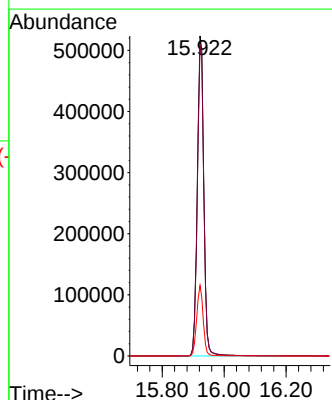
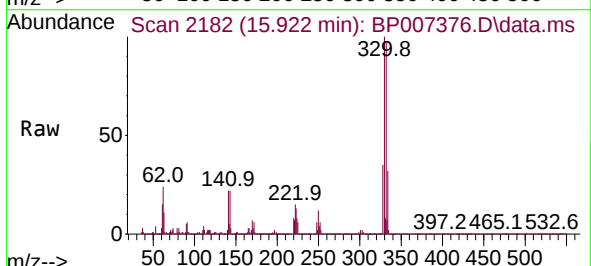
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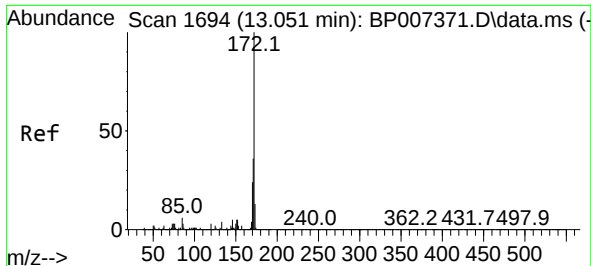
Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 0.0 44.5 84.5#
272 22.2 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 123.543 ng
RT: 15.922 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

Tgt Ion:330 Resp: 761368
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 22.0 25.4 38.2#

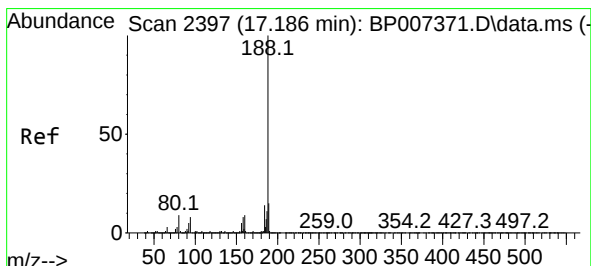
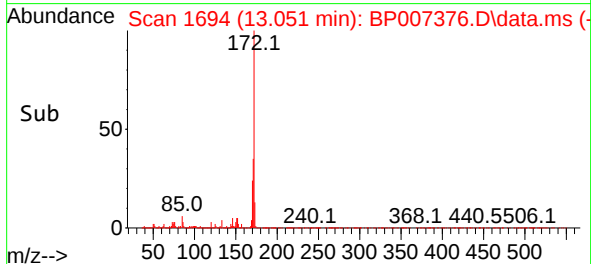
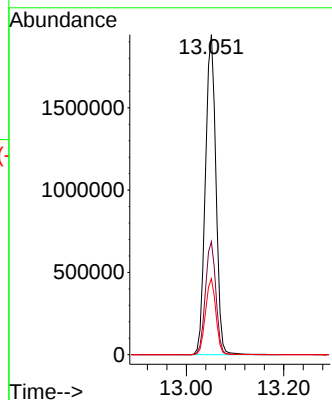
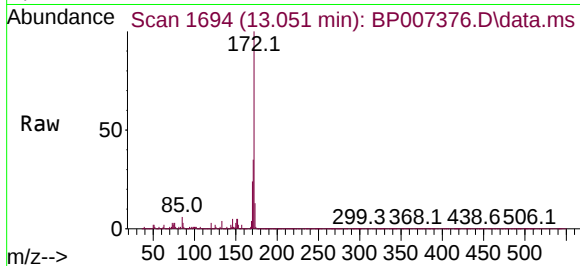




#45
2-Fluorobiphenyl
Concen: 108.028 ng
RT: 13.051 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

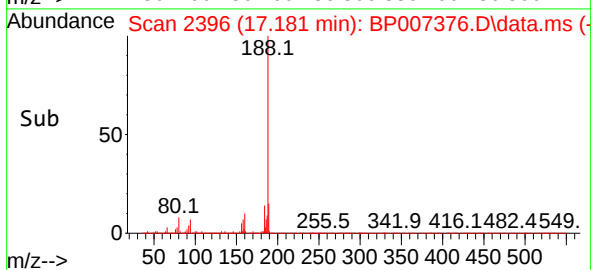
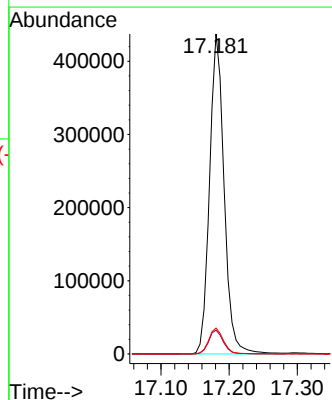
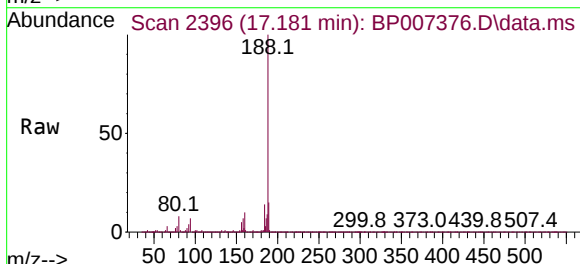
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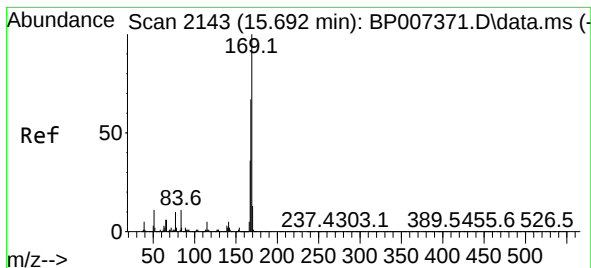
Tgt Ion:172 Resp: 2904638
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

Tgt Ion:188 Resp: 649680
Ion Ratio Lower Upper
188 100
94 7.4 5.6 8.4
80 8.1 6.3 9.5





#66

n-Nitrosodiphenylamine

Concen: Below Cal

RT: 15.922 min Scan# 2182

Delta R.T. 0.230 min

Lab File: BP007376.D

Acq: 08 Oct 2021 15:47

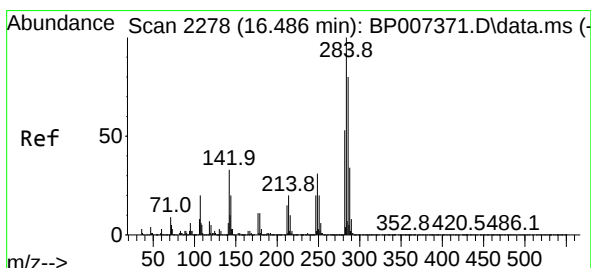
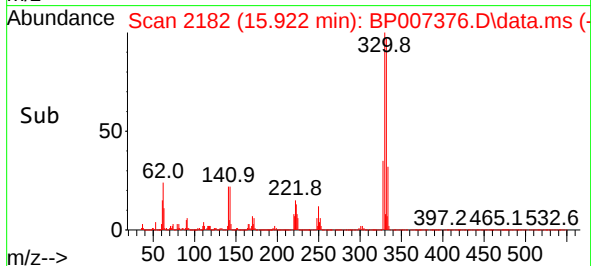
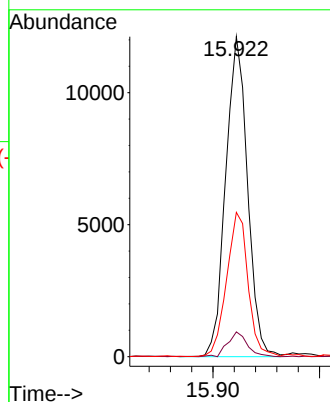
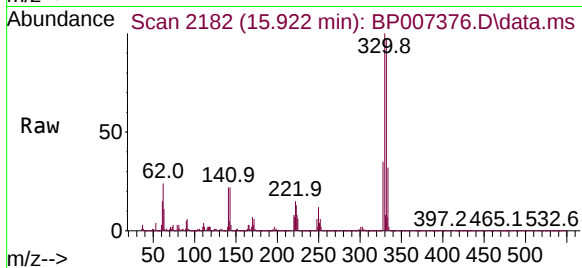
Instrument :

BNA_P

ClientSampleId :

PB139656BL

Tgt Ion:169	Resp:	17220
Ion Ratio	Lower	Upper
169	100	
168	7.7	54.4 81.6#
167	45.1	29.0 43.6#



#68

Hexachlorobenzene

Concen: Below Cal

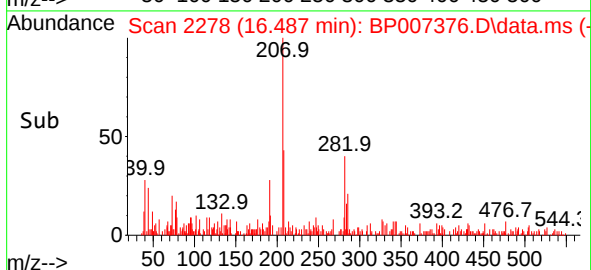
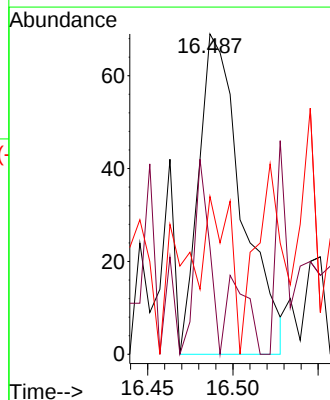
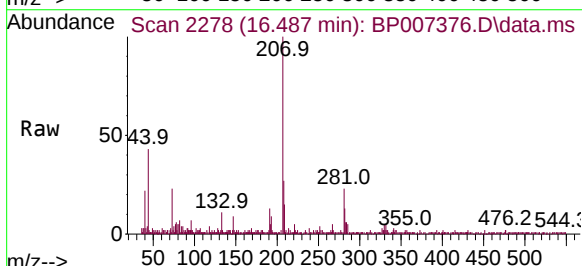
RT: 16.487 min Scan# 2278

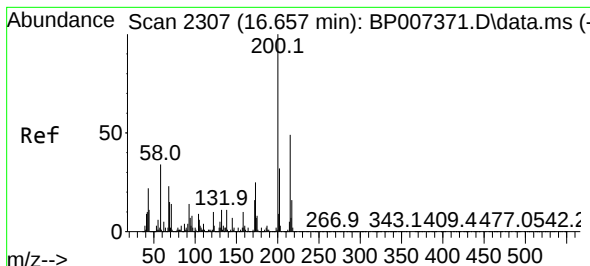
Delta R.T. 0.001 min

Lab File: BP007376.D

Acq: 08 Oct 2021 15:47

Tgt Ion:284	Resp:	122
Ion Ratio	Lower	Upper
284	100	
142	58.0	26.9 40.3#
249	49.3	24.5 36.7#





#69

Atrazine

Concen: Below Cal

RT: 16.645 min Scan# 2305

Delta R.T. -0.012 min

Lab File: BP007376.D

Acq: 08 Oct 2021 15:47

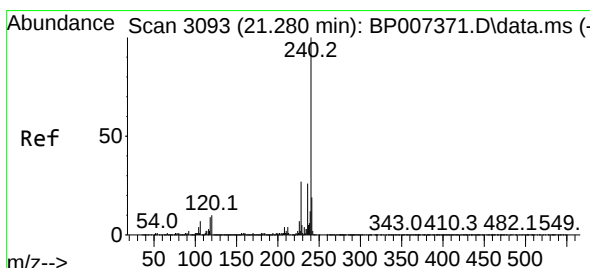
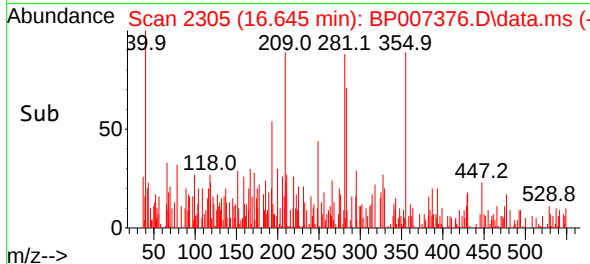
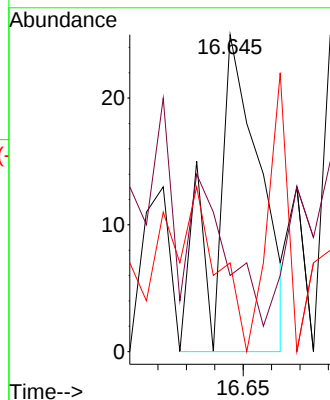
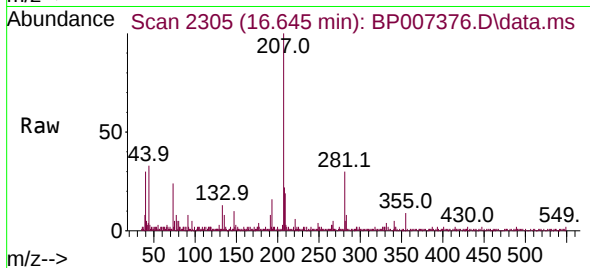
Instrument :

BNA_P

ClientSampleId :

PB139656BL

Tgt Ion:	200	Resp:	28
Ion Ratio	Lower	Upper	
200	100		
173	24.0	4.1	44.1
215	28.0	27.7	67.7



#76

Chrysene-d12

Concen: 20.000 ng

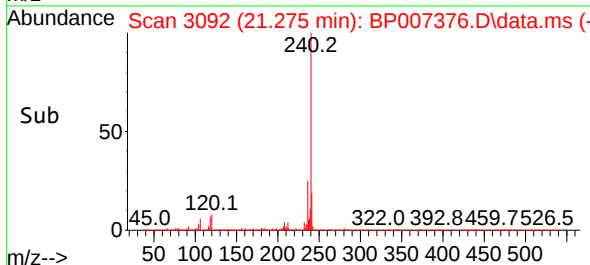
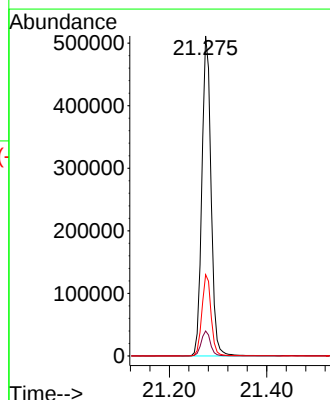
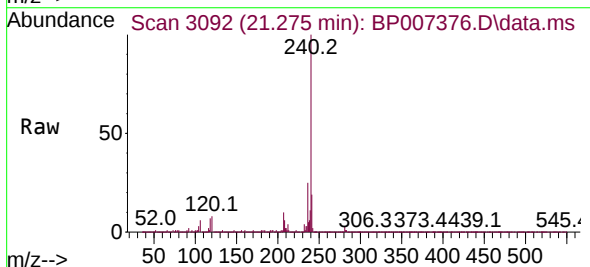
RT: 21.275 min Scan# 3092

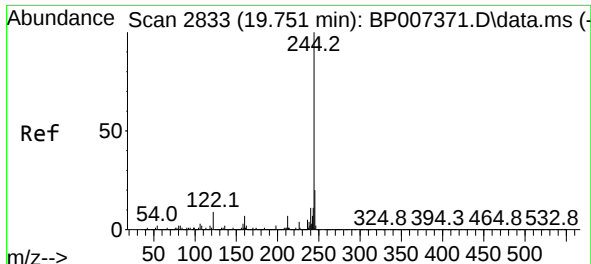
Delta R.T. -0.005 min

Lab File: BP007376.D

Acq: 08 Oct 2021 15:47

Tgt Ion:	240	Resp:	669856
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.5	9.7
236	25.4	20.6	31.0

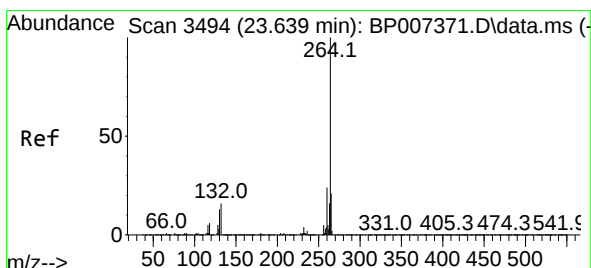
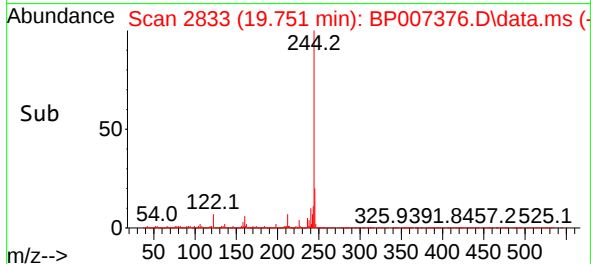
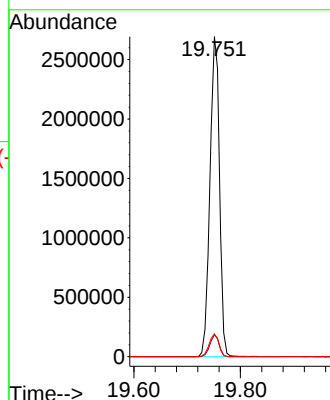
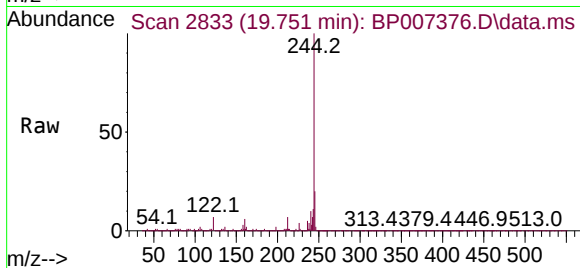




#79
 Terphenyl-d14
 Concen: 87.831 ng
 RT: 19.751 min Scan# 2833
 Delta R.T. 0.000 min
 Lab File: BP007376.D
 Acq: 08 Oct 2021 15:47

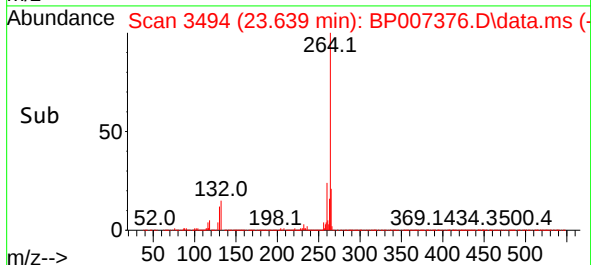
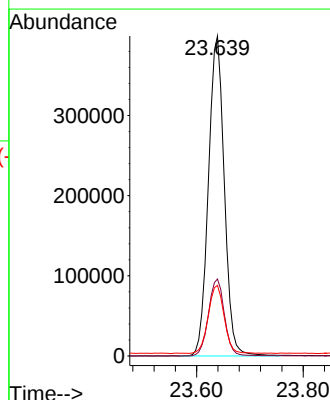
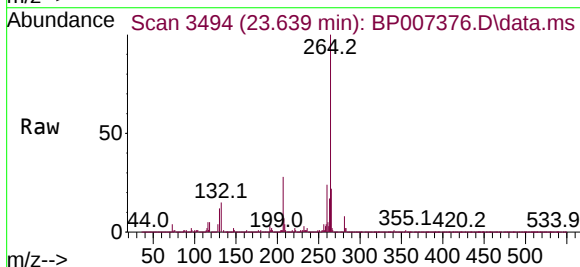
Instrument :
 BNA_P
 ClientSampleId :
 PB139656BL

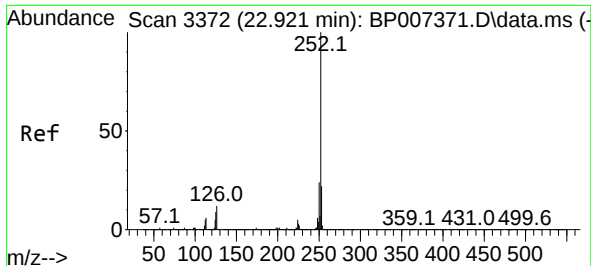
Tgt Ion:244 Resp: 3335713
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 3494
 Delta R.T. 0.000 min
 Lab File: BP007376.D
 Acq: 08 Oct 2021 15:47

Tgt Ion:264 Resp: 827594
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.0 17.6 26.4

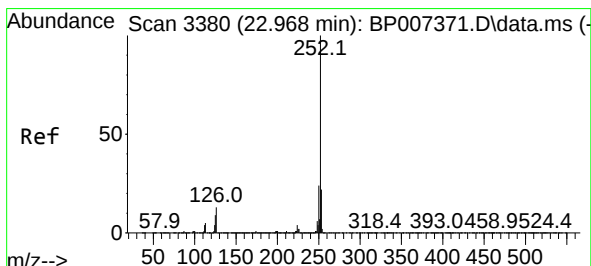
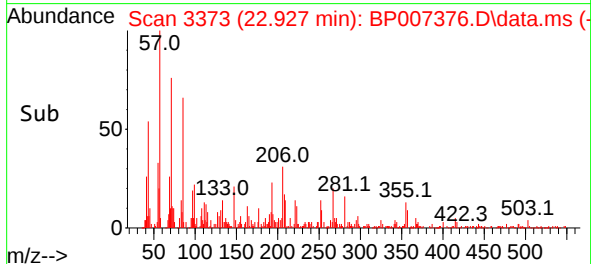
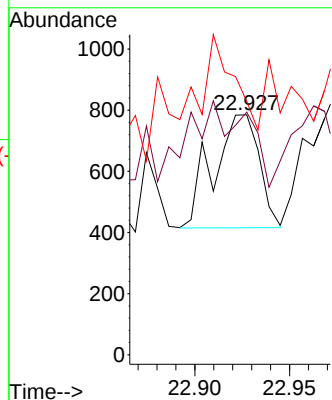
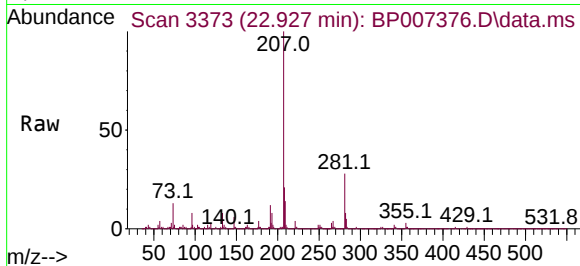




#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.927 min Scan# 3373
Delta R.T. 0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

Instrument :
BNA_P
ClientSampleId :
PB139656BL

Tgt Ion:252 Resp: 621
Ion Ratio Lower Upper
252 100
253 101.1 17.5 26.3#
125 105.6 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.974 min Scan# 3381
Delta R.T. 0.006 min
Lab File: BP007376.D
Acq: 08 Oct 2021 15:47

Tgt Ion:252 Resp: 731
Ion Ratio Lower Upper
252 100
253 75.5 17.6 26.4#
125 115.7 6.0 9.0#

