

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007384.D
 Acq On : 08 Oct 2021 21:00
 Operator : CG/JU
 Sample : M4077-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC-25

Quant Time: Oct 09 06:19:10 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)

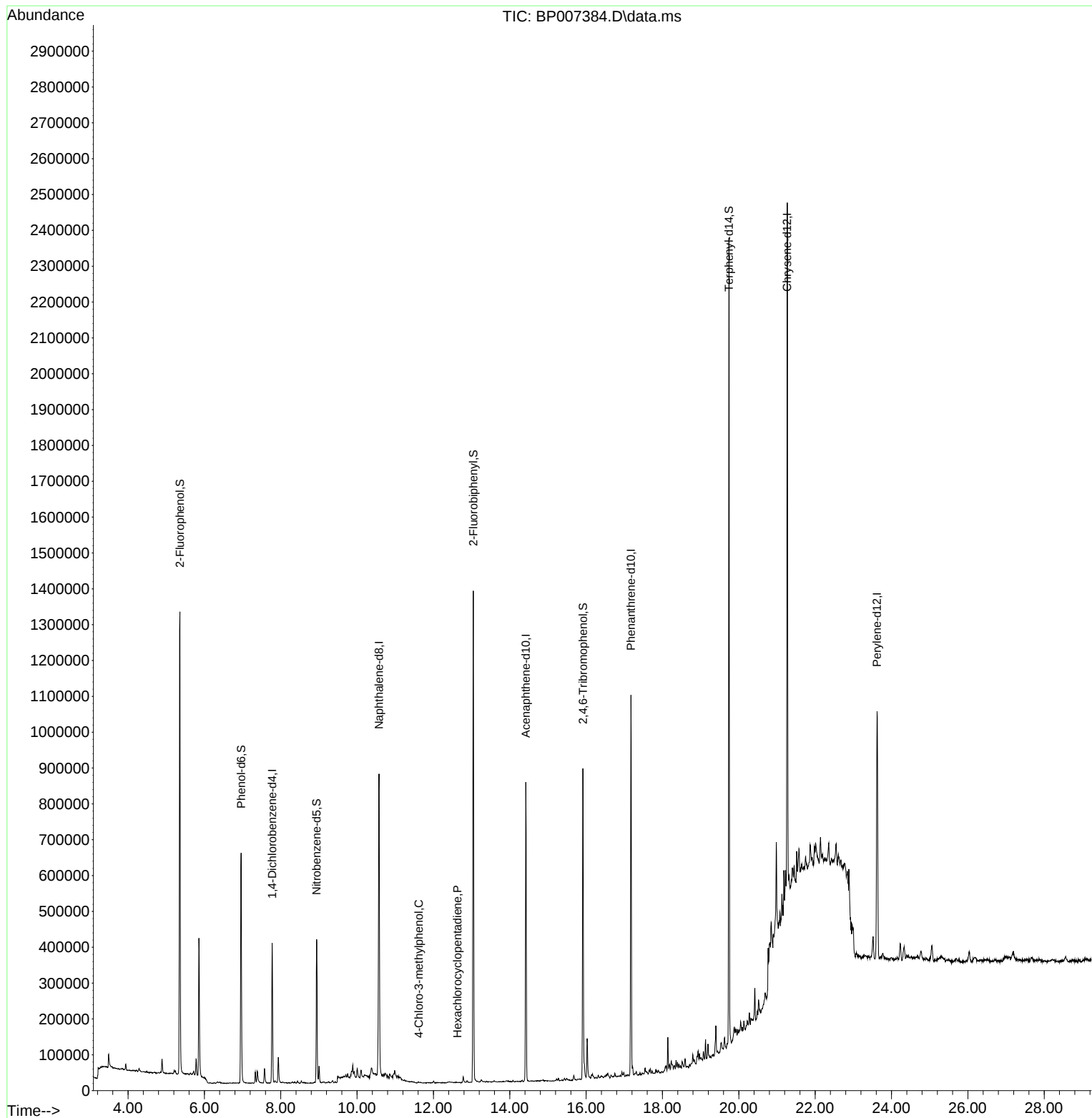
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	111848	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	721066	20.000	ng	# 0.00
39) Acenaphthene-d10	14.422	164	301612	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	637286	20.000	ng	-0.01
76) Chrysene-d12	21.269	240	873200	20.000	ng	#-0.01
86) Perylene-d12	23.621	264	568627	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	612399	90.219	ng	0.00
7) Phenol-d6	6.964	99	397324	43.600	ng	0.00
23) Nitrobenzene-d5	8.940	82	240240	19.622	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	213584	43.171	ng	-0.01
45) 2-Fluorobiphenyl	13.046	172	708164	32.808	ng	0.00
79) Terphenyl-d14	19.739	244	1146694	23.162	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	100	Below Cal	#	1
36) 4-Chloro-3-methylphenol	11.616	107	23	2.319	ng	98
41) Hexachlorocyclopentadiene	12.628	237	20	6.059	ng	82
66) n-Nitrosodiphenylamine	15.916	169	4773	Below Cal	#	50
68) Hexachlorobenzene	16.481	284	20	Below Cal	#	1
69) Atrazine	16.657	200	136	Below Cal	#	61
88) Benzo(b)fluoranthene	22.910	252	1902	Below Cal	#	1
89) Benzo(k)fluoranthene	22.910	252	1902	Below Cal	#	1

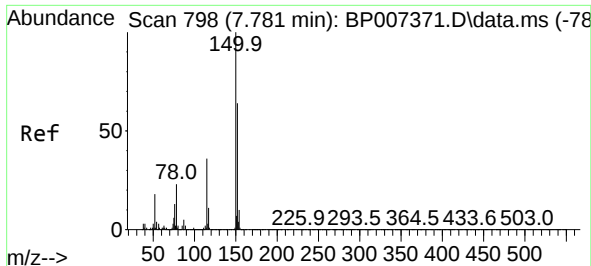
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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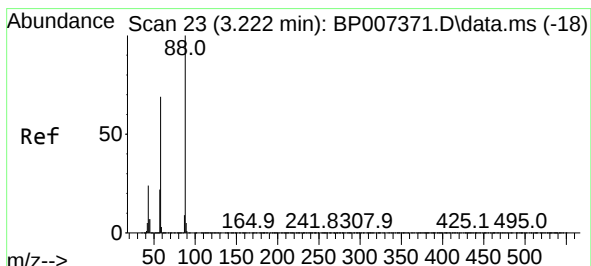
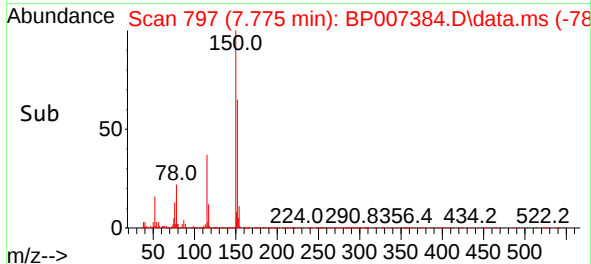
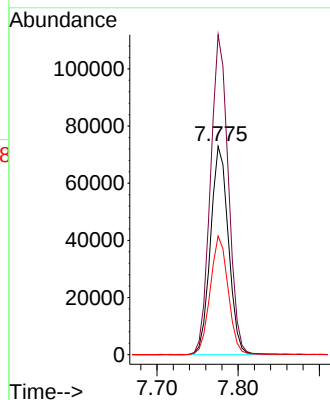
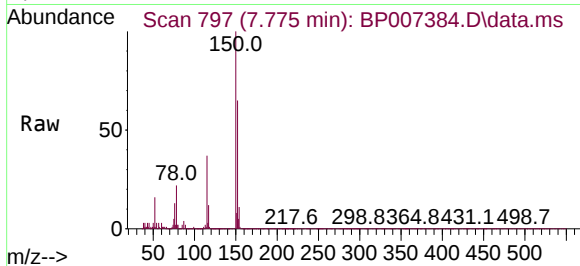




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

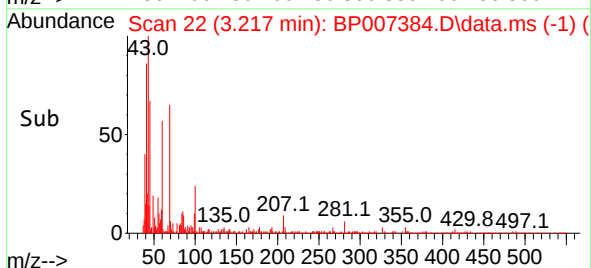
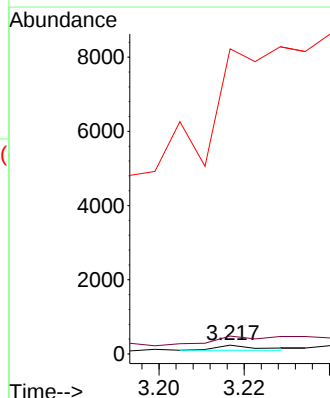
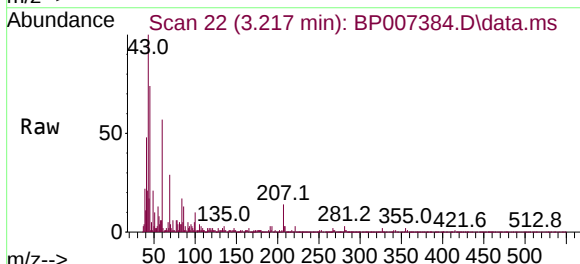
Instrument :
BNA_P
ClientSampleId :
CC-25

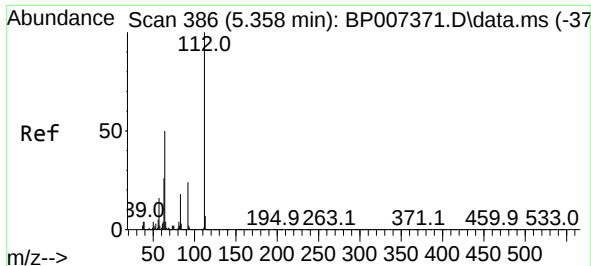
Tgt Ion:152 Resp: 111848
Ion Ratio Lower Upper
152 100
150 153.6 125.6 188.4
115 57.0 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.217 min Scan# 22
Delta R.T. -0.005 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
58 497.0 46.7 70.1#
43 0.0 20.3 30.5#

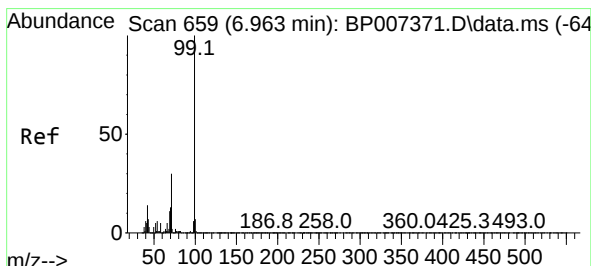
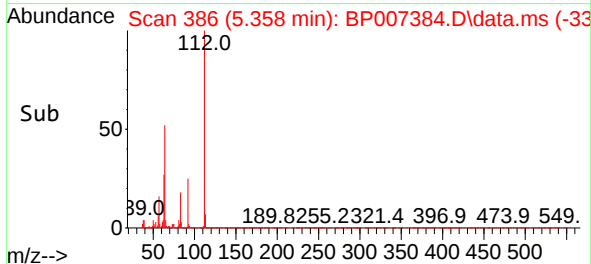
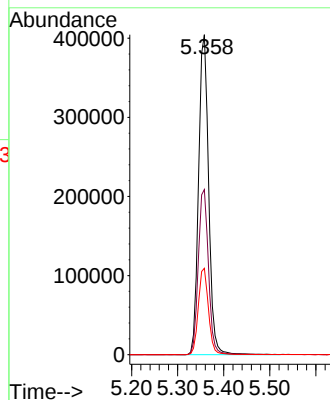
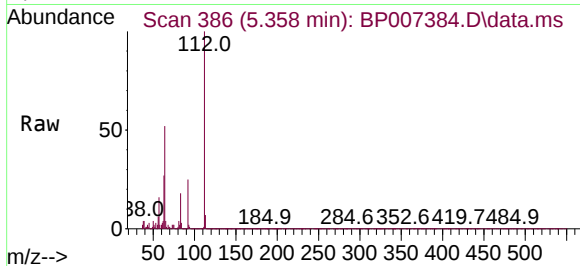




#5
2-Fluorophenol
Concen: 90.219 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

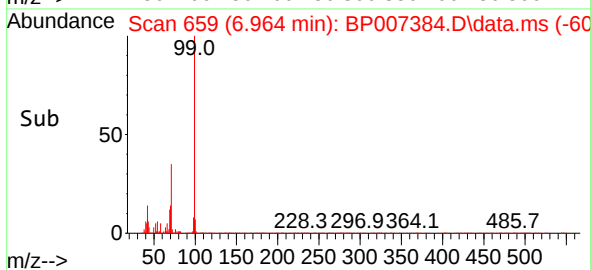
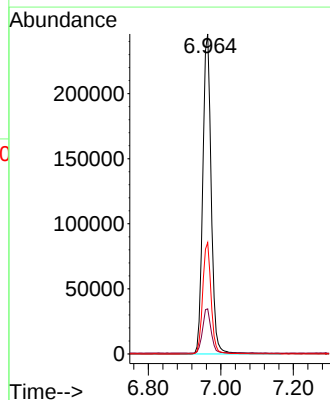
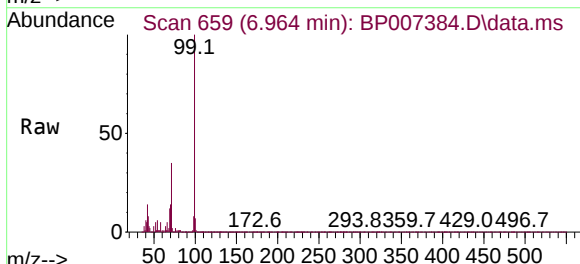
Instrument :
BNA_P
ClientSampleId :
CC-25

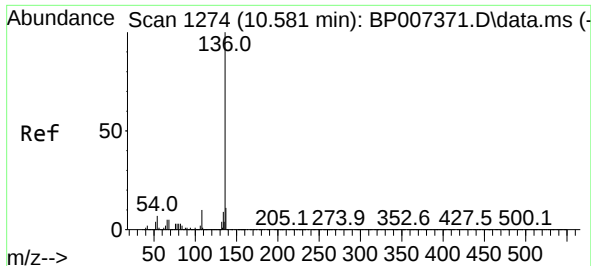
Tgt Ion:	112	Resp:	612399
Ion Ratio	Lower	Upper	
112	100		
64	51.6	41.4	62.2
63	27.0	23.8	35.8



#7
Phenol-d6
Concen: 43.600 ng
RT: 6.964 min Scan# 659
Delta R.T. 0.001 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion:	99	Resp:	397324
Ion Ratio	Lower	Upper	
99	100		
42	14.1	13.4	20.0
71	34.8	30.6	46.0

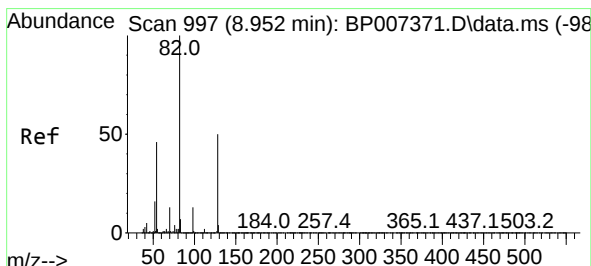
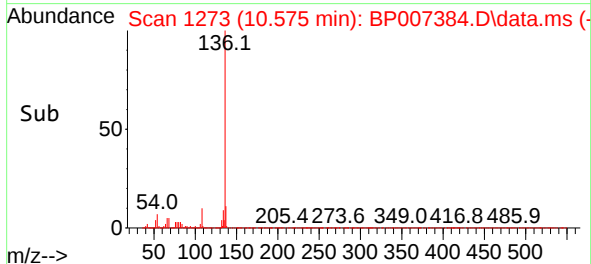
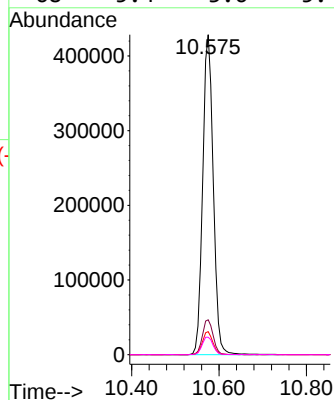
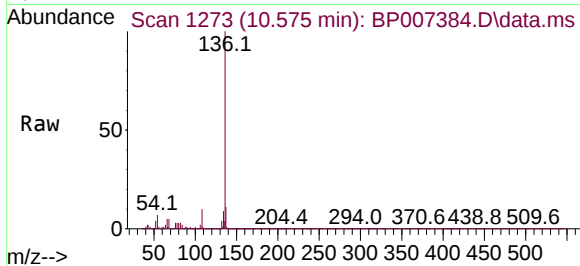




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

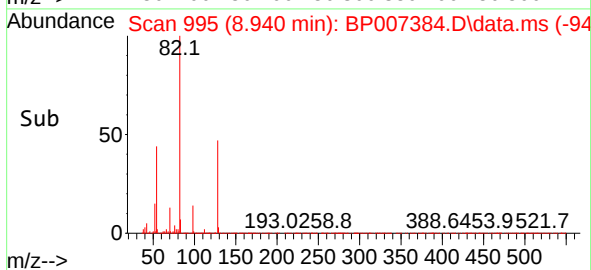
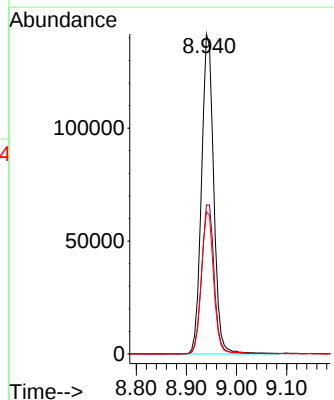
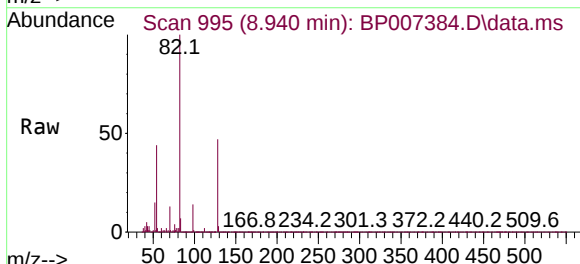
Instrument :
BNA_P
ClientSampleId :
CC-25

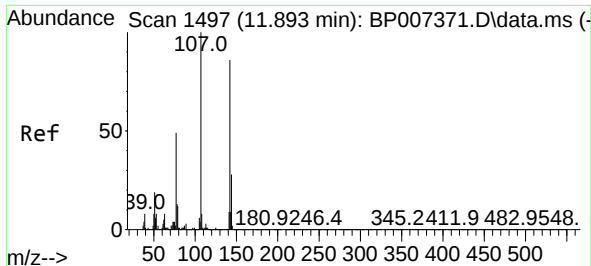
Tgt Ion:	136	Resp:	721066
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	7.2	4.6	6.8#
68	5.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 19.622 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion:	82	Resp:	240240
Ion Ratio	Lower	Upper	
82	100		
128	46.6	35.7	53.5
54	44.4	35.0	52.4

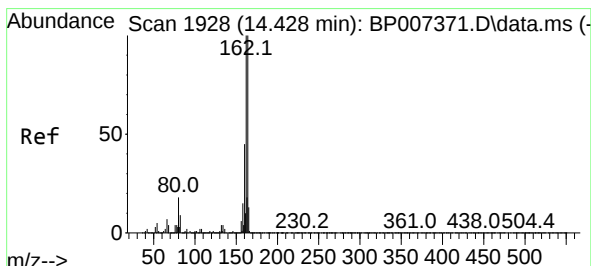
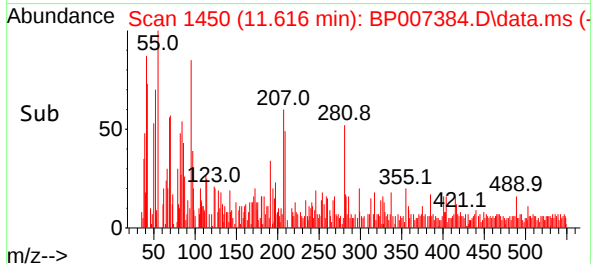
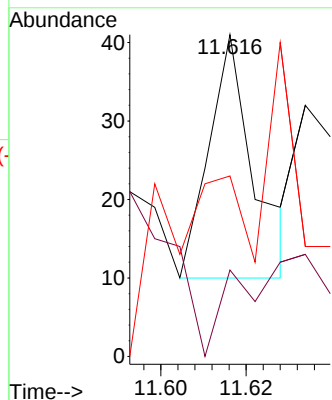
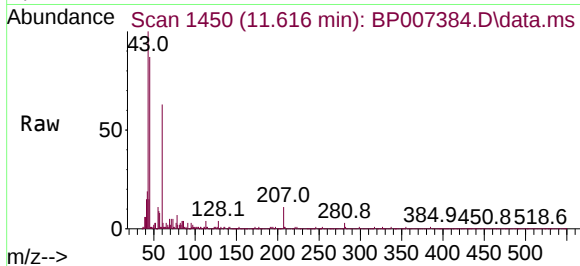




#36
4-Chloro-3-methylphenol
Concen: 2.319 ng
RT: 11.616 min Scan# 1450
Delta R.T. -0.277 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

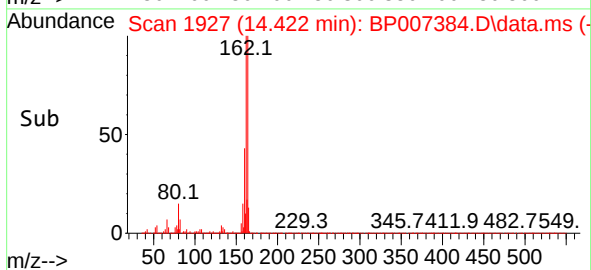
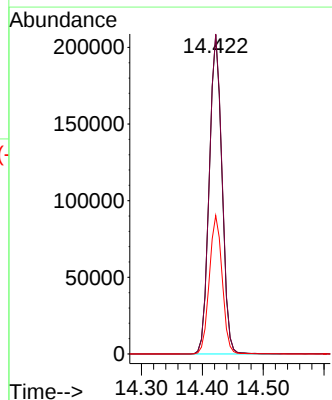
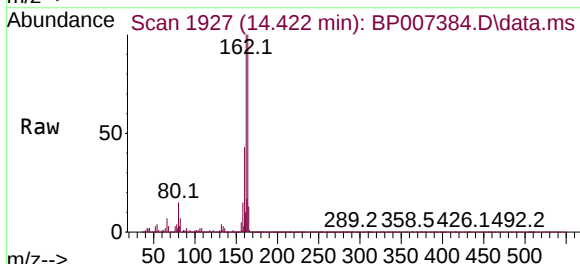
Instrument :
BNA_P
ClientSampled :
CC-25

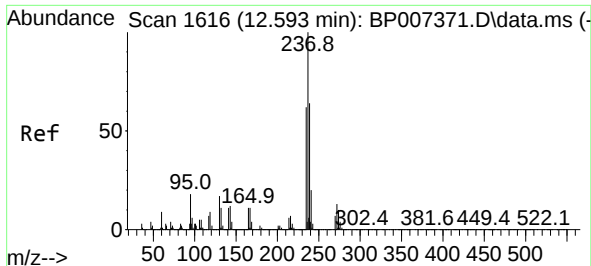
Tgt Ion:	107	Resp:	23
Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.1	31.7
142	80.5	66.0	99.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion:	164	Resp:	301612
Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	43.4	34.5	51.7

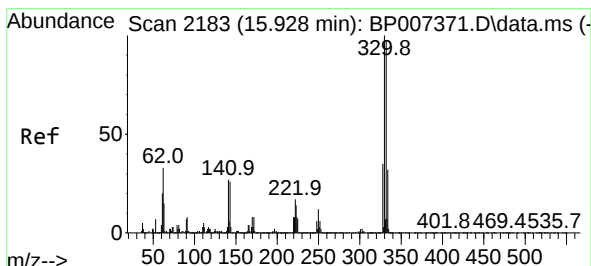
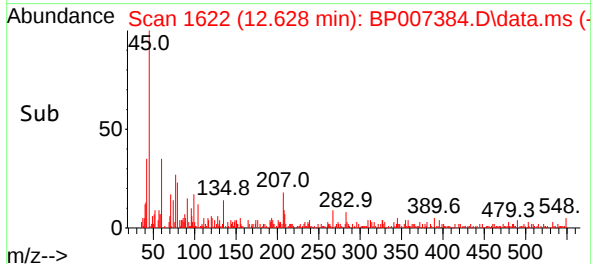
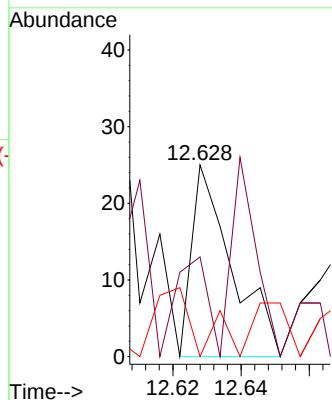
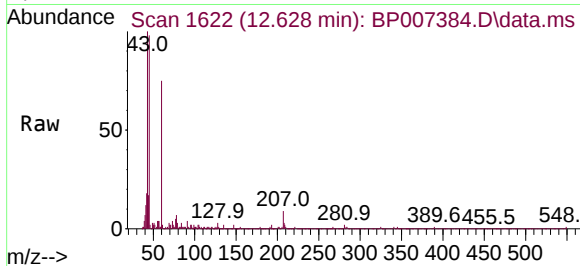




#41
Hexachlorocyclopentadiene
Concen: 6.059 ng
RT: 12.628 min Scan# 1622
Delta R.T. 0.035 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

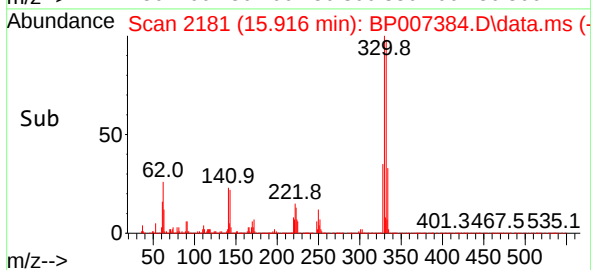
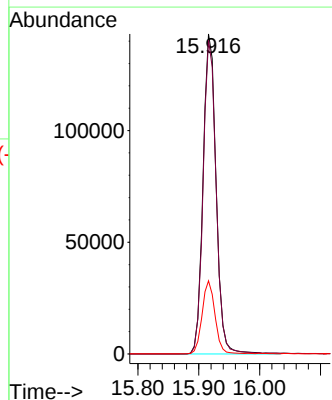
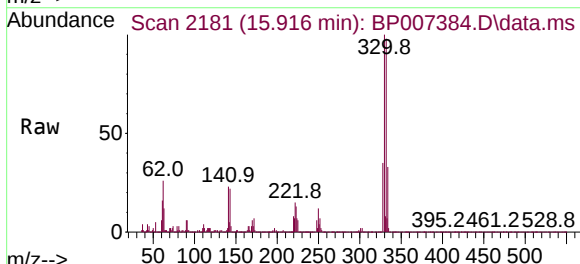
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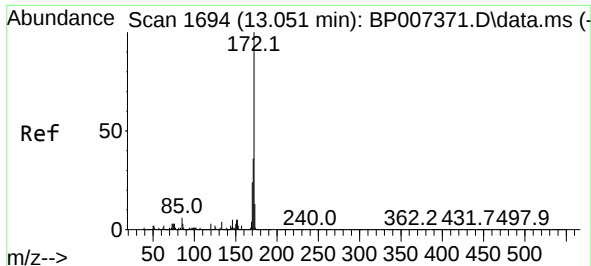
Tgt Ion:	237	Resp:	20
Ion	Ratio	Lower	Upper
237	100		
235	52.0	44.5	84.5
272	0.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 43.171 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion:	330	Resp:	213584
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.8
141	22.5	25.4	38.2#

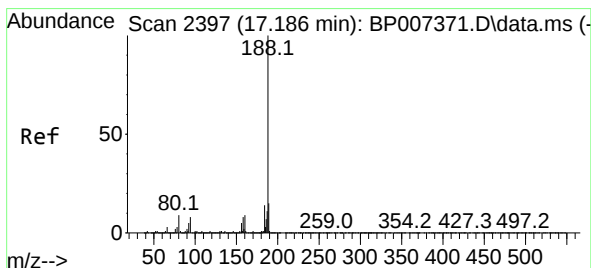
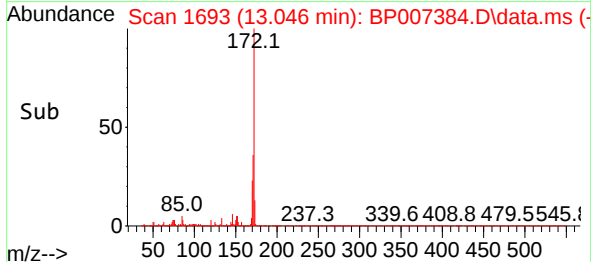
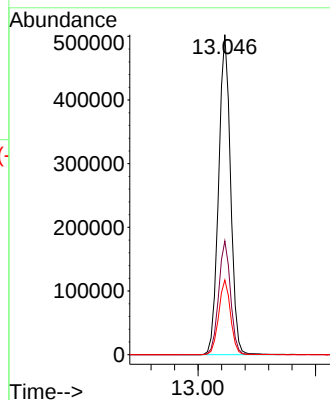
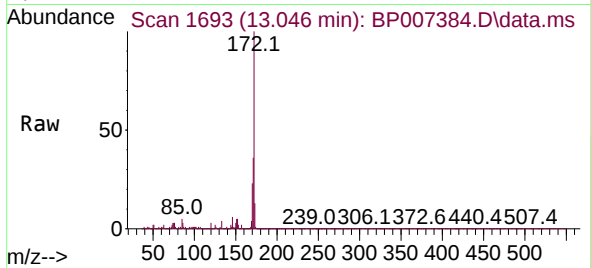




#45
2-Fluorobiphenyl
Concen: 32.808 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

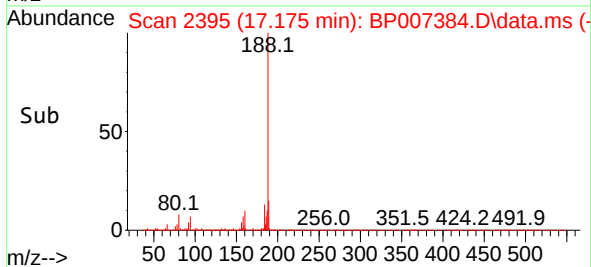
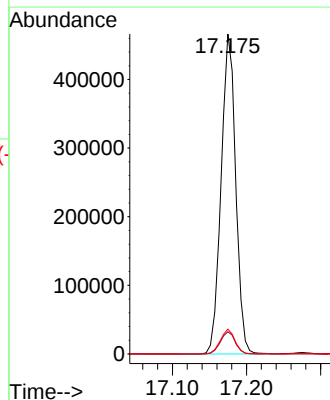
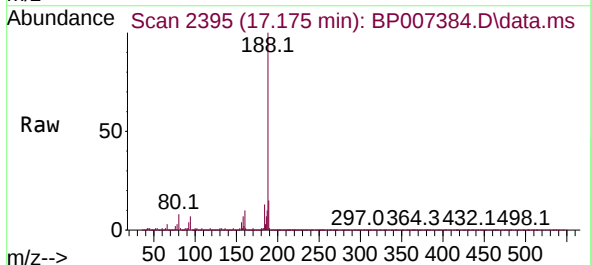
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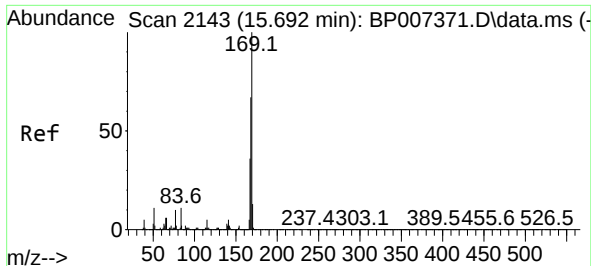
Tgt Ion:172	Resp:	708164
Ion Ratio	Lower	Upper
172	100	
171	35.5	27.9 41.9
170	23.3	18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion:188	Resp:	637286
Ion Ratio	Lower	Upper
188	100	
94	7.0	5.6 8.4
80	7.7	6.3 9.5

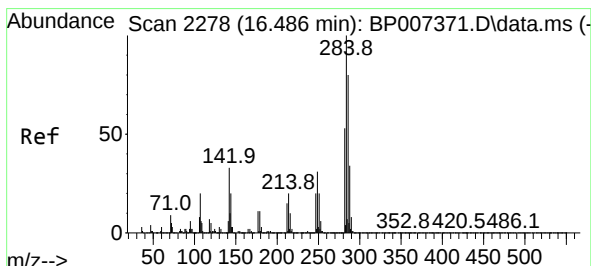
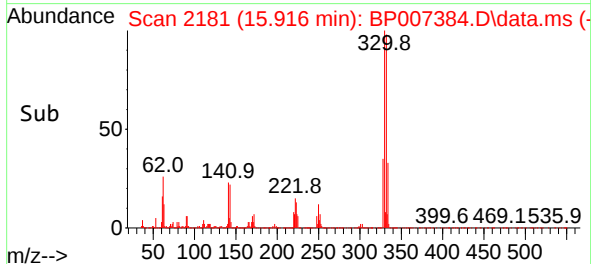
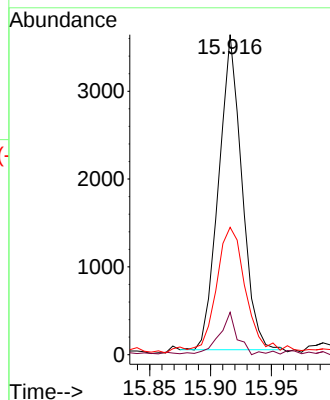
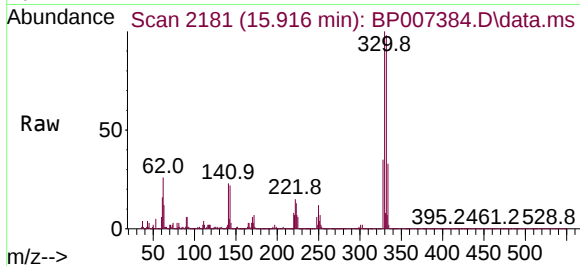




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.916 min Scan# 2181
Delta R.T. 0.224 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

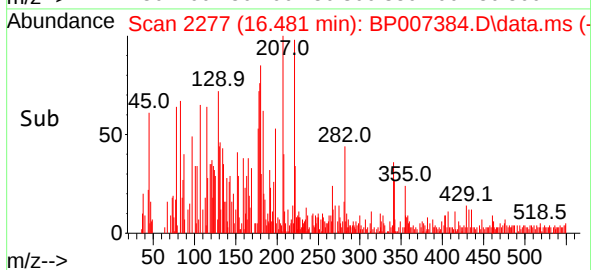
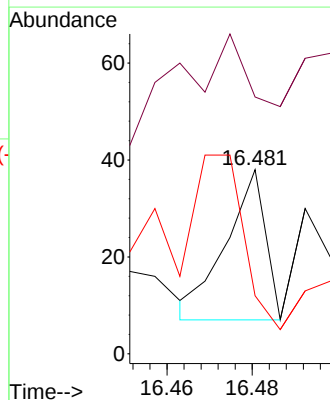
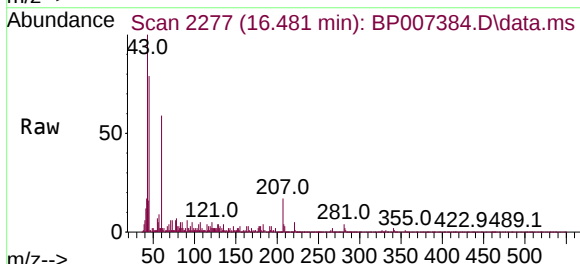
Instrument :
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ClientSampleId :
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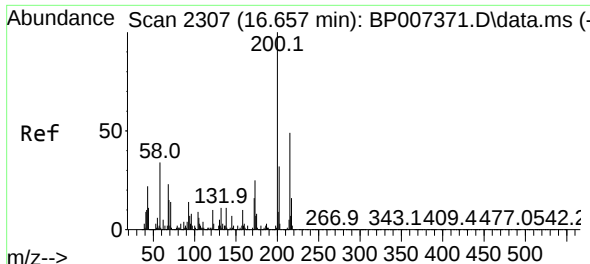
Tgt Ion:169 Resp: 4773
Ion Ratio Lower Upper
169 100
168 13.3 54.4 81.6#
167 45.9 29.0 43.6#



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.481 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion:284 Resp: 20
Ion Ratio Lower Upper
284 100
142 139.5 26.9 40.3#
249 86.8 24.5 36.7#

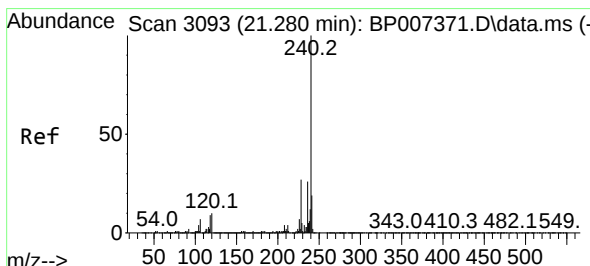
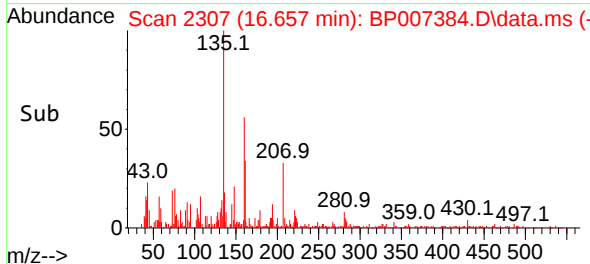
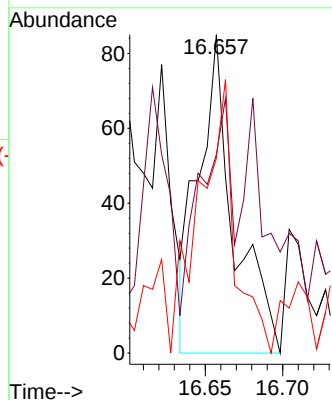
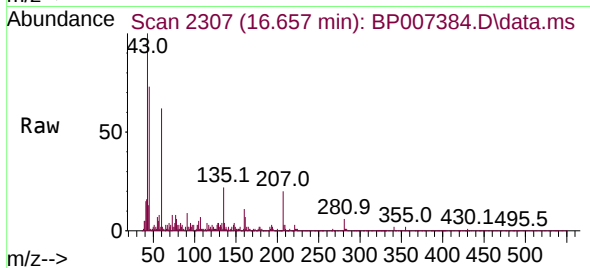




#69
Atrazine
Concen: Below Cal
RT: 16.657 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

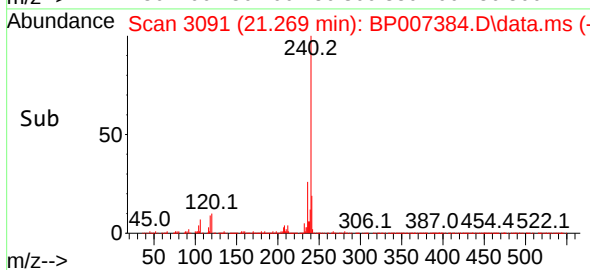
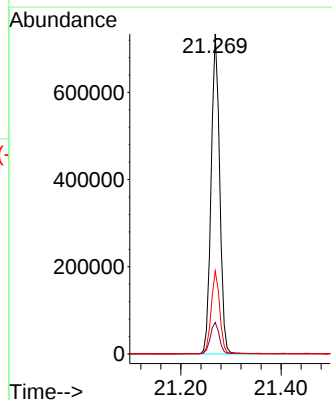
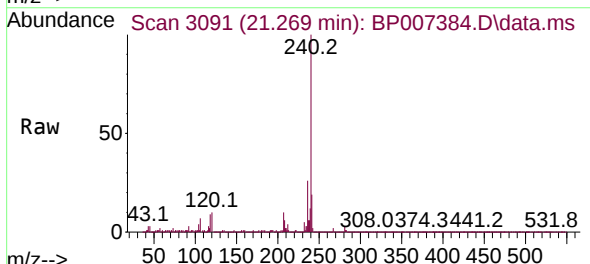
Instrument :
BNA_P
ClientSampled :
CC-25

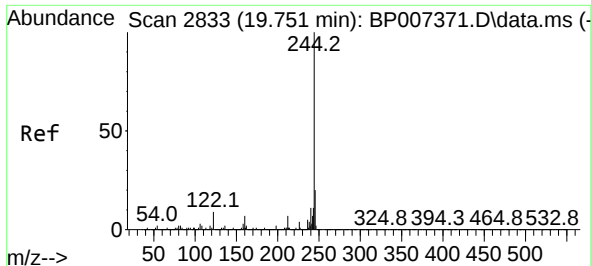
Tgt Ion:200 Resp: 136
Ion Ratio Lower Upper
200 100
173 62.4 4.1 44.1#
215 61.2 27.7 67.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion:240 Resp: 873200
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.0 20.6 31.0



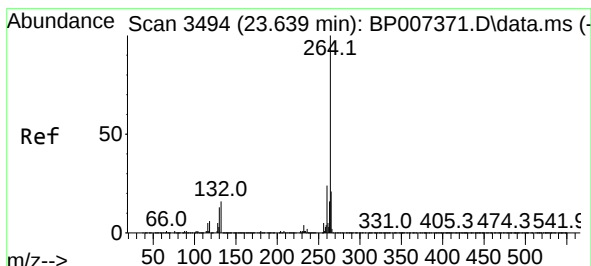
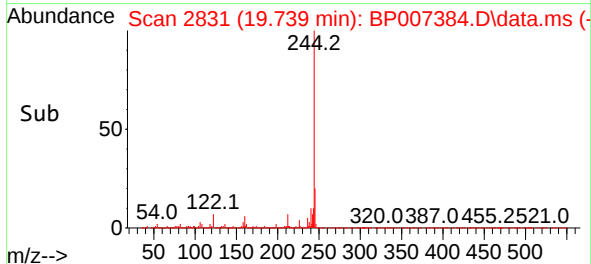
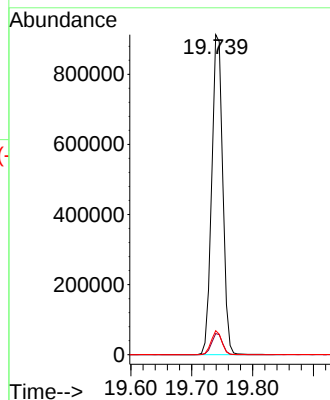
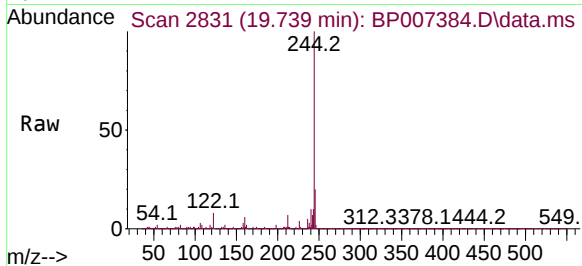


#79
 Terphenyl-d14
 Concen: 23.162 ng
 RT: 19.739 min Scan# 2831
 Delta R.T. -0.012 min
 Lab File: BP007384.D
 Acq: 08 Oct 2021 21:00

Instrument :
 BNA_P
 ClientSampleId :
 CC-25

Tgt Ion:244 Resp: 1146694

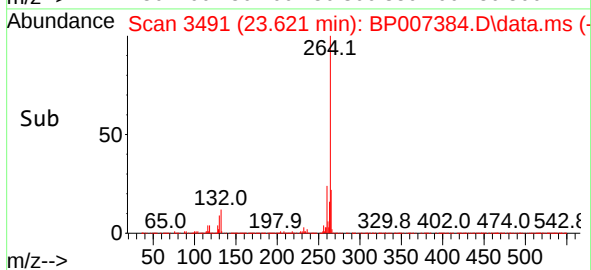
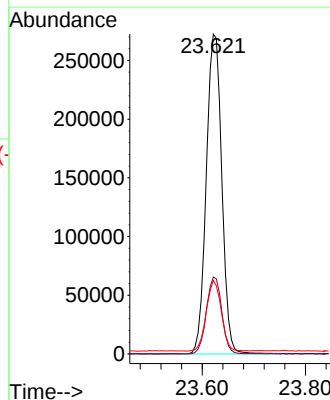
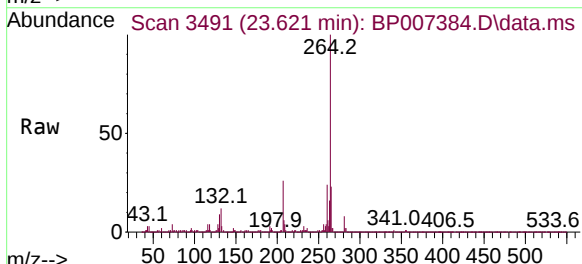
Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	7.5	7.1	10.7

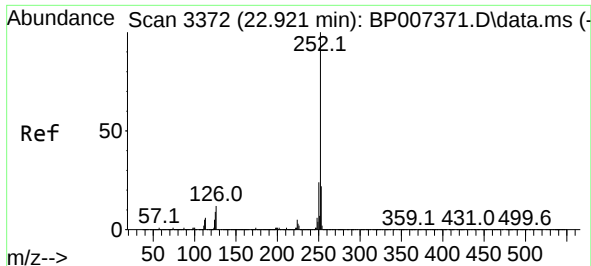


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3491
 Delta R.T. -0.018 min
 Lab File: BP007384.D
 Acq: 08 Oct 2021 21:00

Tgt Ion:264 Resp: 568627

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	23.0	17.6	26.4

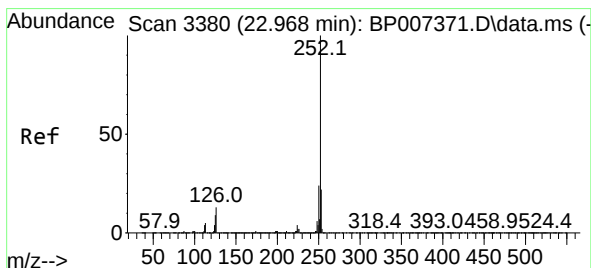
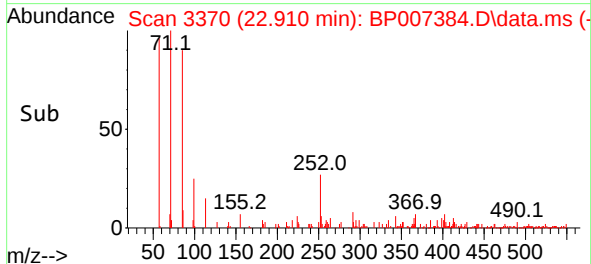
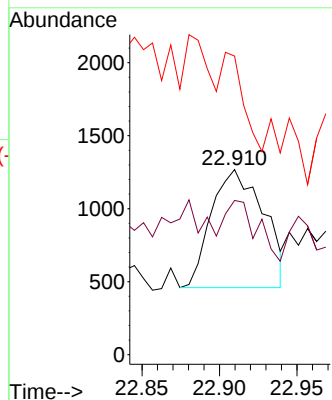
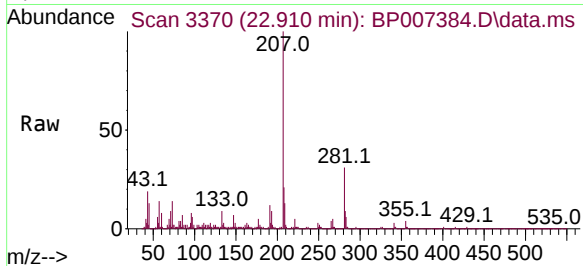




#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.910 min Scan# 3370
Delta R.T. -0.011 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Instrument :
BNA_P
ClientSampled :
CC-25

Tgt Ion:252 Resp: 1902
Ion Ratio Lower Upper
252 100
253 83.4 17.5 26.3#
125 161.3 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.910 min Scan# 3370
Delta R.T. -0.058 min
Lab File: BP007384.D
Acq: 08 Oct 2021 21:00

Tgt Ion:252 Resp: 1902
Ion Ratio Lower Upper
252 100
253 83.4 17.6 26.4#
125 161.3 6.0 9.0#

