

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007395.D
 Acq On : 09 Oct 2021 03:14
 Operator : CG/JU
 Sample : M4041-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-2

Quant Time: Oct 09 06:21:43 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)

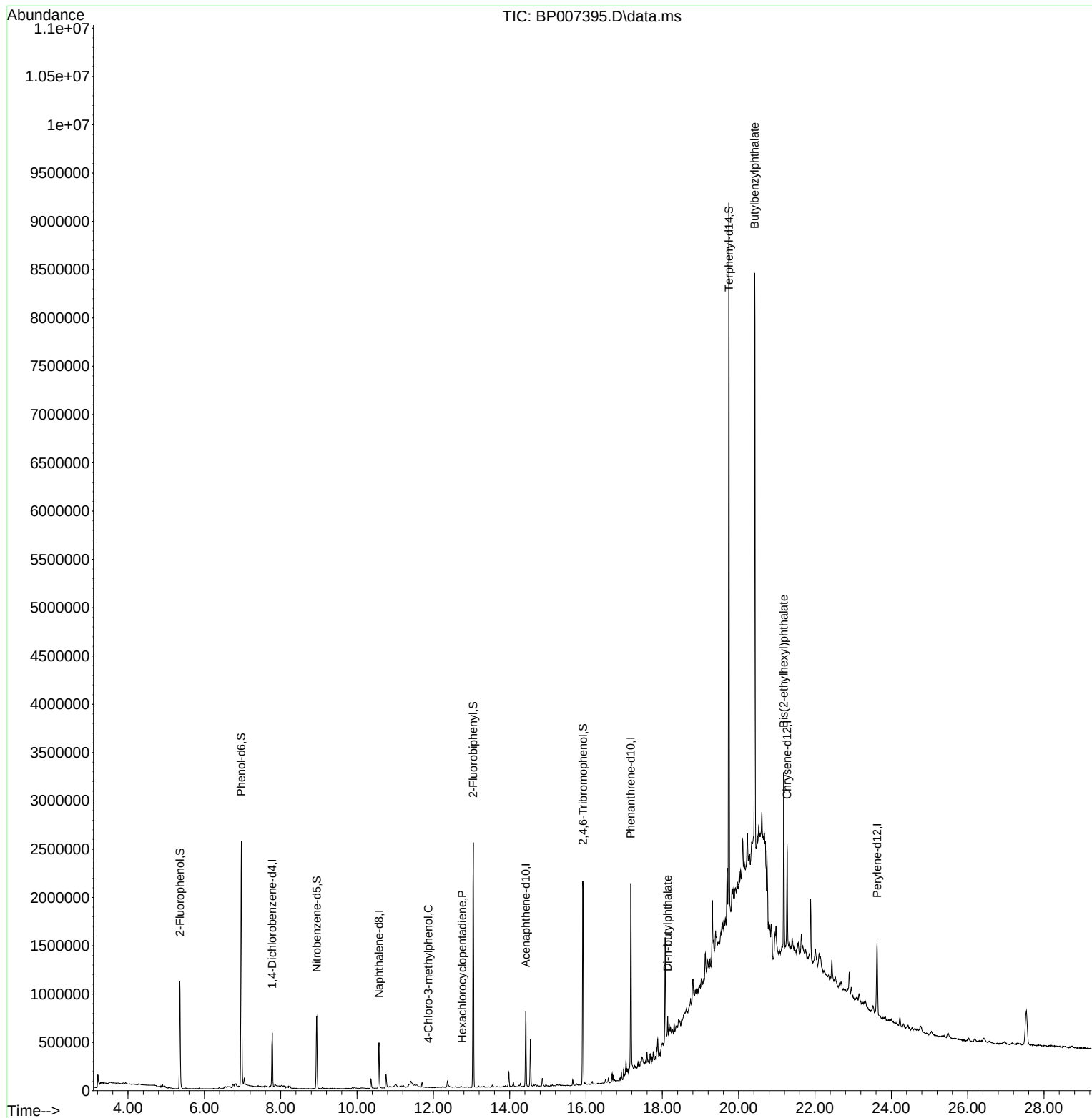
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	165036	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	401760	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	277919	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1111726	20.000	ng	#-0.01
76) Chrysene-d12	21.269	240	544208	20.000	ng	-0.01
86) Perylene-d12	23.627	264	560097	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	536413	53.556	ng	0.00
7) Phenol-d6	6.969	99	1608558	119.625	ng	0.00
23) Nitrobenzene-d5	8.946	82	439898	64.486	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	536201	117.619	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	1348878	67.818	ng	0.00
79) Terphenyl-d14	19.745	244	3705932	120.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	36	Below Cal	#	30
36) 4-Chloro-3-methylphenol	11.869	107	29	2.322 ng	#	1
41) Hexachlorocyclopentadiene	12.757	237	42	6.066 ng		85
66) n-Nitrosodiphenylamine	15.687	169	1374	Below Cal	#	93
68) Hexachlorobenzene	16.475	284	46	Below Cal	#	1
69) Atrazine	16.616	200	65	Below Cal	#	1
74) Di-n-butylphthalate	18.139	149	153733	2.191 ng		98
80) Butylbenzylphthalate	20.422	149	2111246	145.833 ng		90
84) Bis(2-ethylhexyl)phtha...	21.180	149	799070	39.659 ng	#	97
88) Benzo(b)fluoranthene	22.904	252	9040	Below Cal	#	1
89) Benzo(k)fluoranthene	22.904	252	9040	Below Cal	#	1

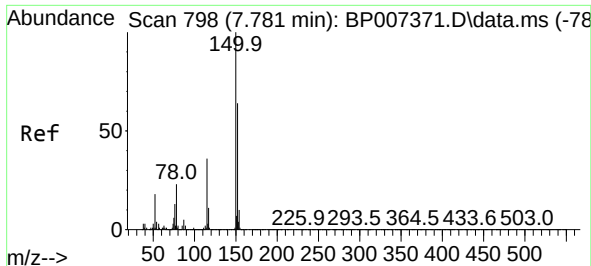
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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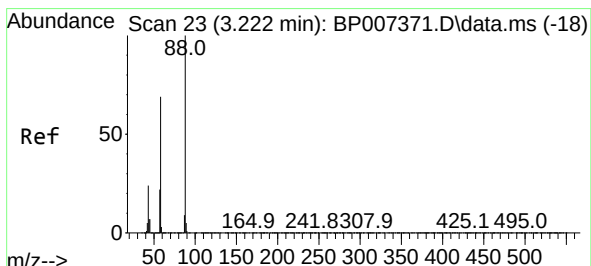
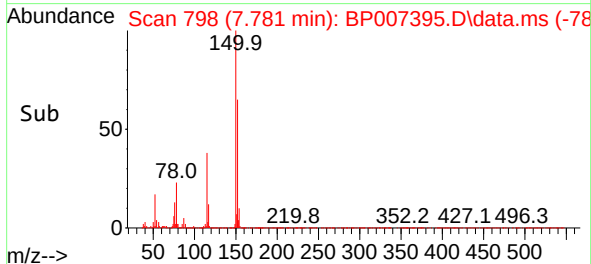
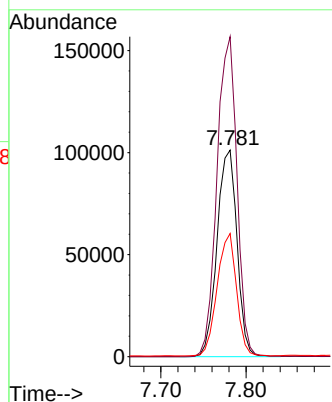
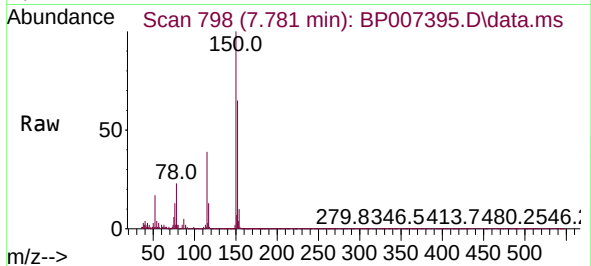




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

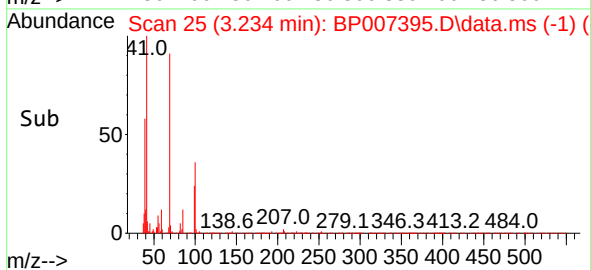
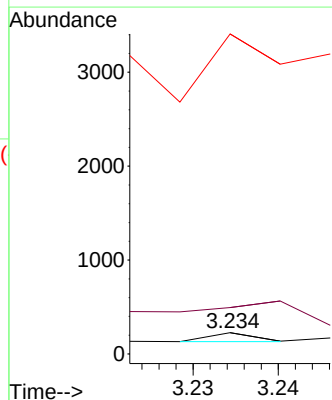
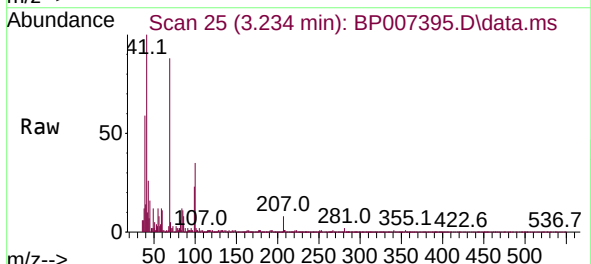
Instrument :
BNA_P
ClientSampleId :
S-2

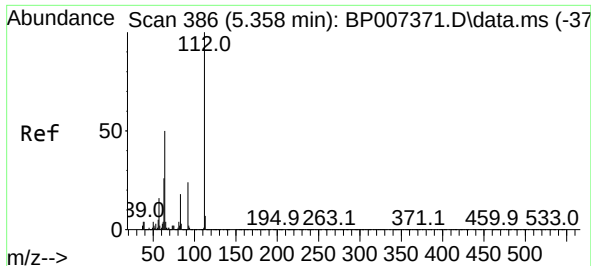
Tgt Ion:152 Resp: 165036
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 59.6 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 25
Delta R.T. 0.012 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
58 0.0 46.7 70.1#
43 0.0 20.3 30.5#

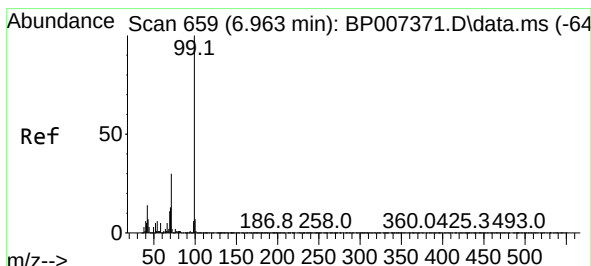
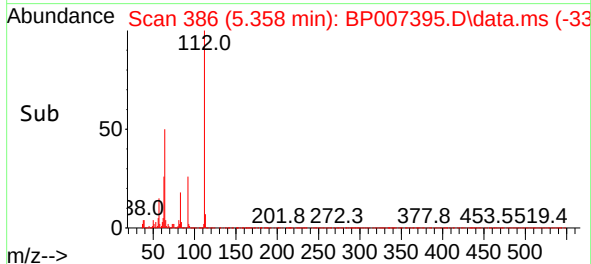
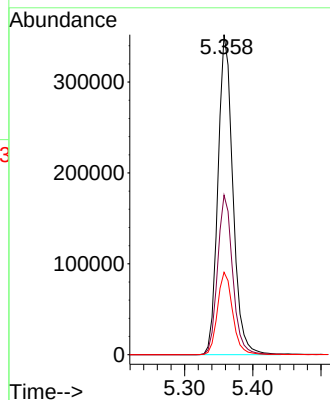
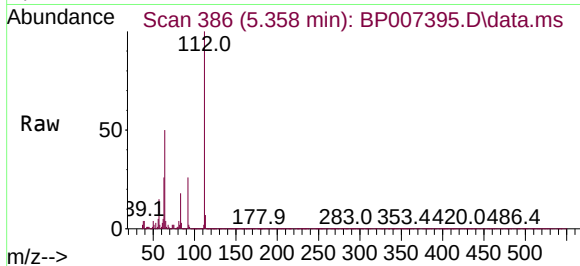




#5
2-Fluorophenol
Concen: 53.556 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

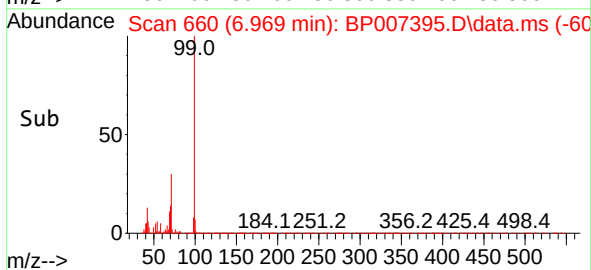
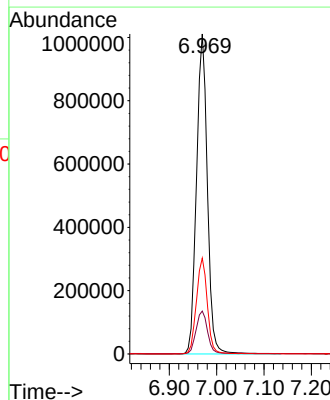
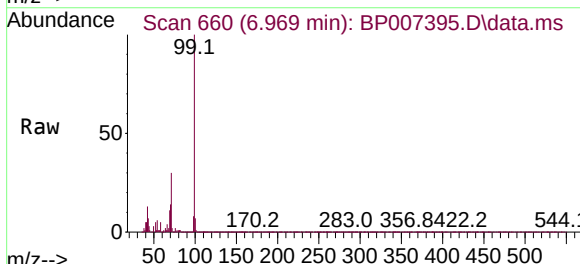
Instrument :
BNA_P
ClientSampleId :
S-2

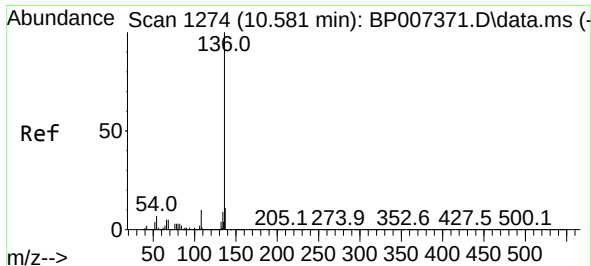
Tgt Ion:	112	Resp:	536413
Ion Ratio	Lower	Upper	
112	100		
64	49.8	41.4	62.2
63	25.8	23.8	35.8



#7
Phenol-d6
Concen: 119.625 ng
RT: 6.969 min Scan# 660
Delta R.T. 0.006 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:	99	Resp:	1608558
Ion Ratio	Lower	Upper	
99	100		
42	13.4	13.4	20.0
71	29.9	30.6	46.0

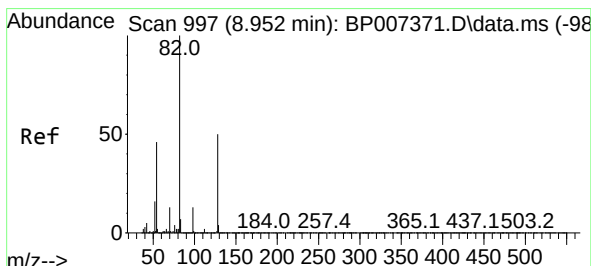
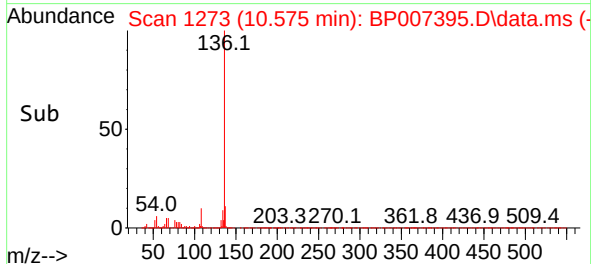
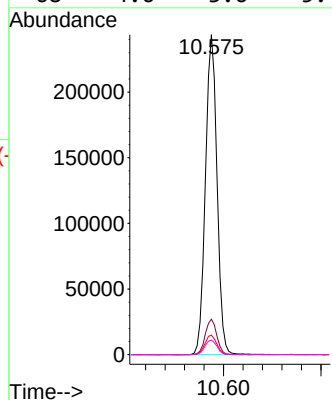
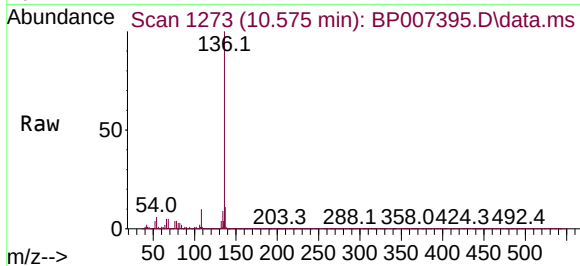




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

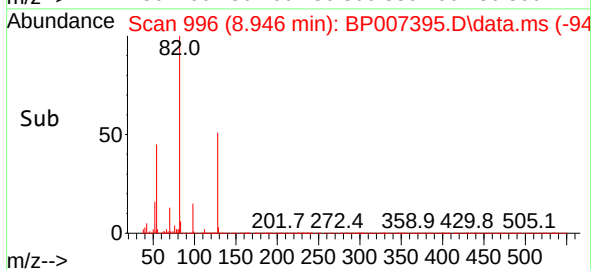
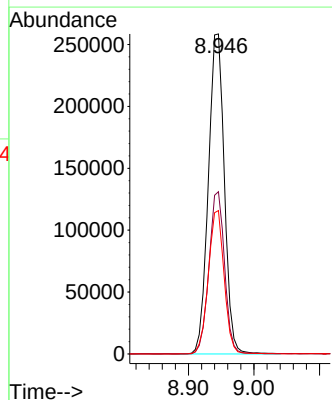
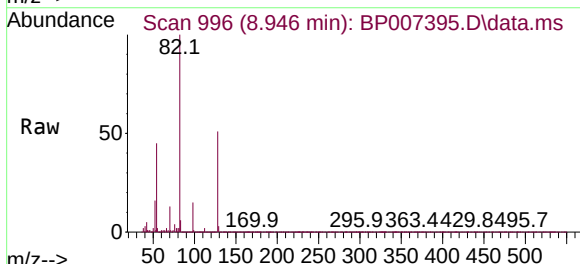
Instrument :
BNA_P
ClientSampleId :
S-2

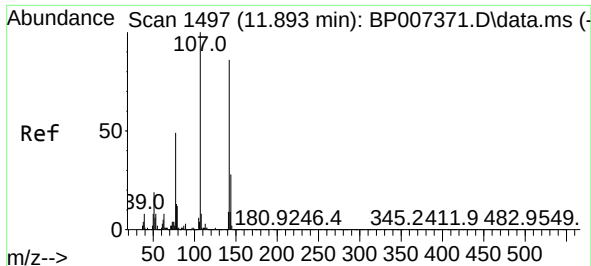
Tgt Ion:	136	Resp:	401760
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.1	4.6	6.8
68	4.6	3.6	5.4



#23
Nitrobenzene-d5
Concen: 64.486 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:	82	Resp:	439898
Ion	Ratio	Lower	Upper
82	100		
128	50.7	35.7	53.5
54	44.8	35.0	52.4

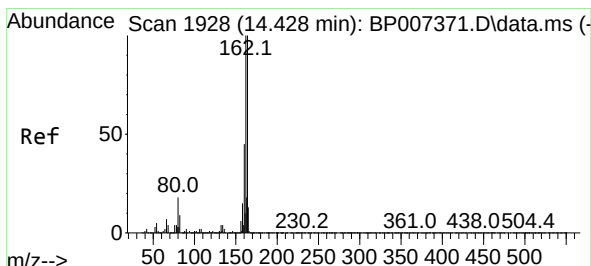
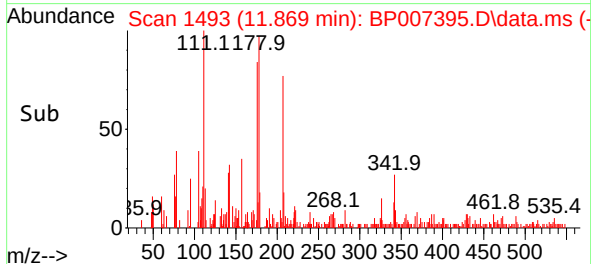
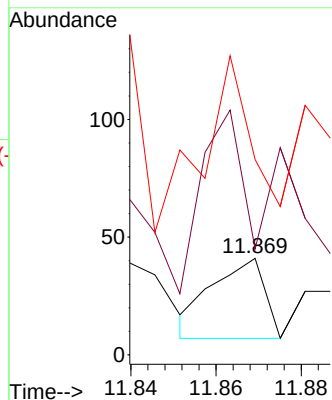
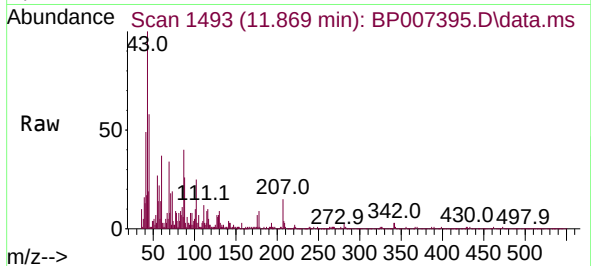




#36
4-Chloro-3-methylphenol
Concen: 2.322 ng
RT: 11.869 min Scan# 1493
Delta R.T. -0.024 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

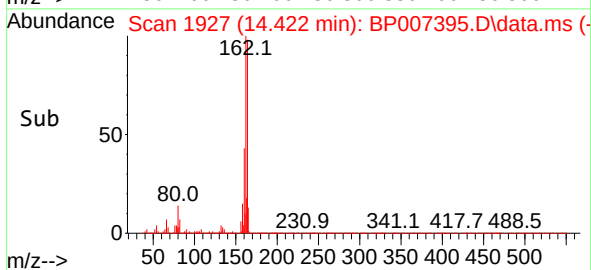
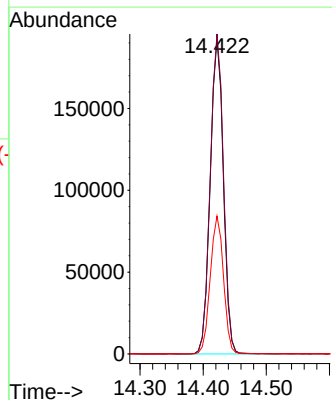
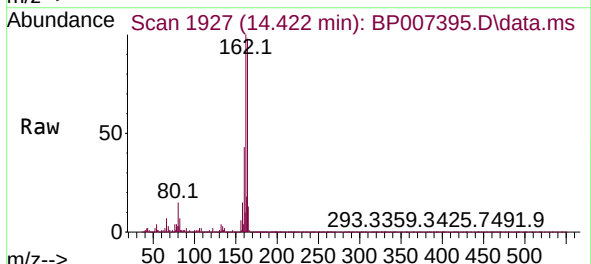
Instrument :
BNA_P
ClientSampled :
S-2

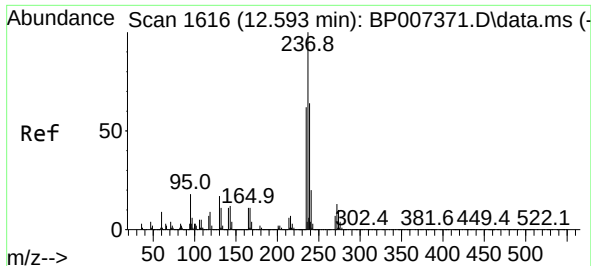
Tgt Ion:	107	Resp:	29
Ion	Ratio	Lower	Upper
107	100		
144	109.8	21.1	31.7#
142	202.4	66.0	99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:	164	Resp:	277919
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	43.8	34.5	51.7

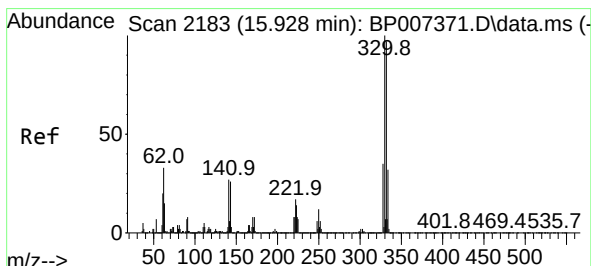
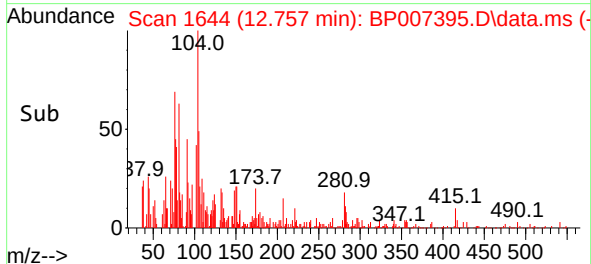
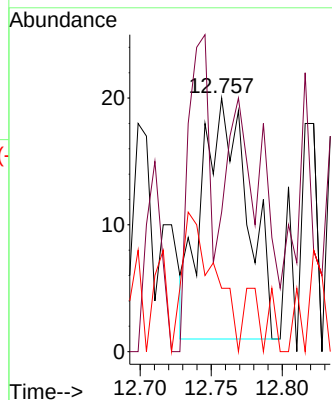
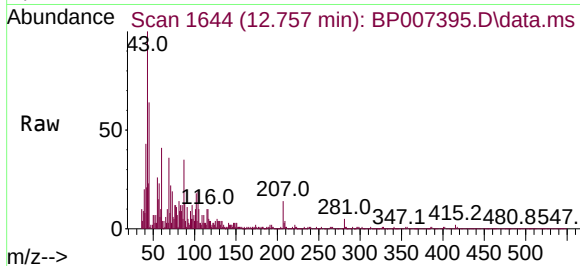




#41
Hexachlorocyclopentadiene
Concen: 6.066 ng
RT: 12.757 min Scan# 1644
Delta R.T. 0.164 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

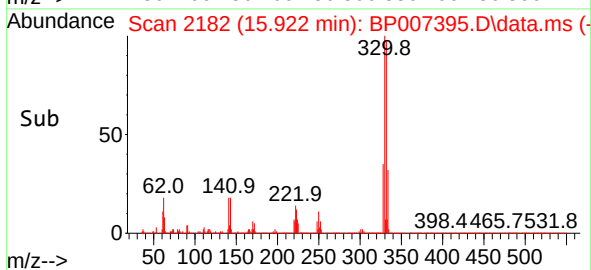
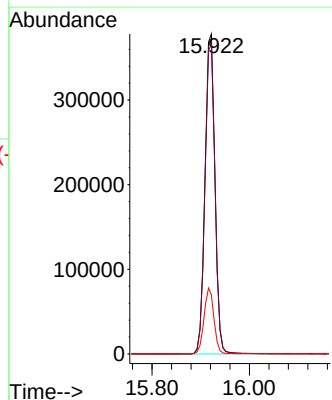
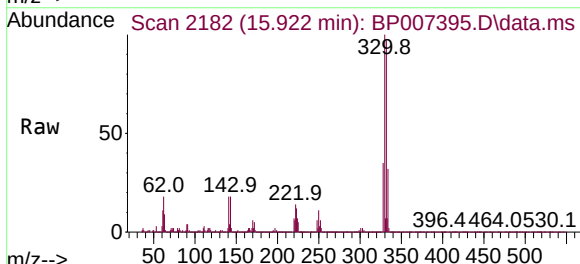
Instrument :
BNA_P
ClientSampleId :
S-2

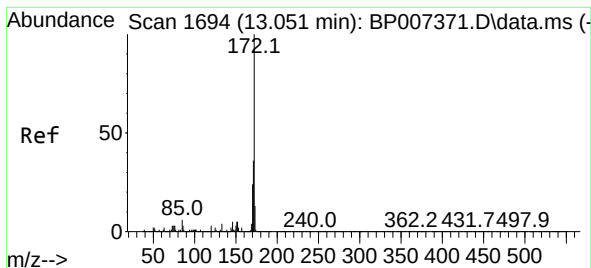
Tgt Ion:237	Resp:	42
Ion	Ratio	Lower Upper
237	100	
235	55.0	44.5 84.5
272	25.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 117.619 ng
RT: 15.922 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:330	Resp:	536201
Ion	Ratio	Lower Upper
330	100	
332	97.6	77.8 116.8
141	20.4	25.4 38.2#

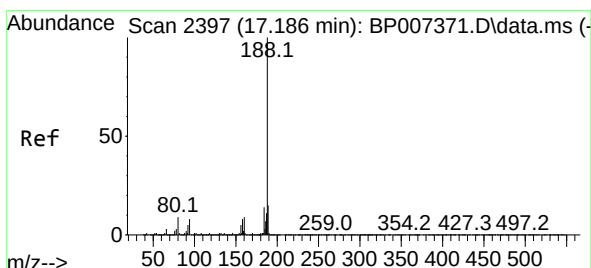
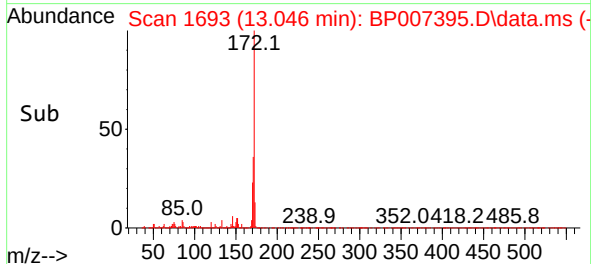
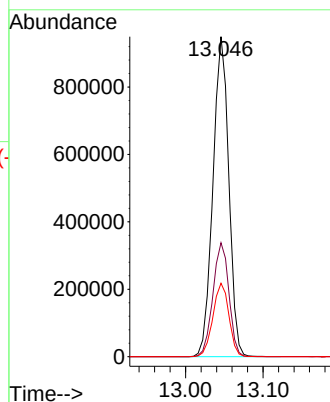
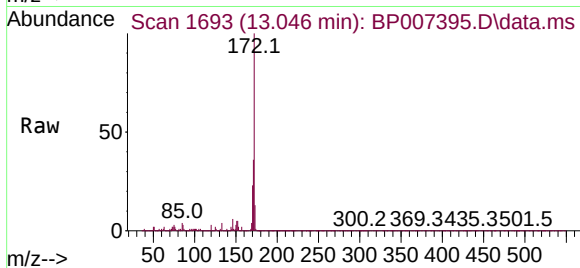




#45
2-Fluorobiphenyl
Concen: 67.818 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

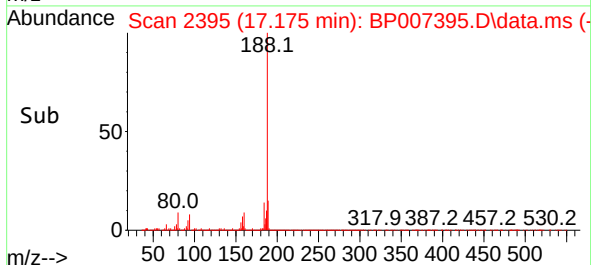
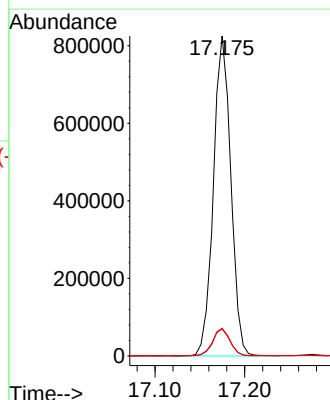
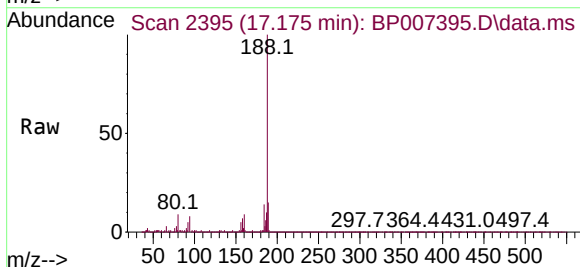
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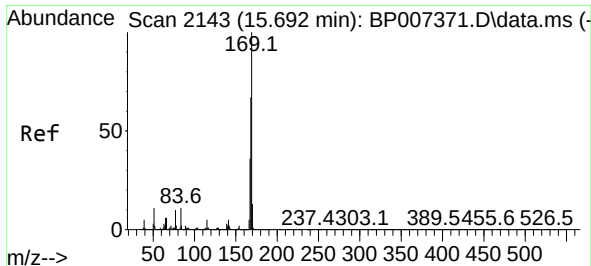
Tgt Ion:172 Resp: 1348878
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.0 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:188 Resp: 1111726
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4#
80 8.6 6.3 9.5

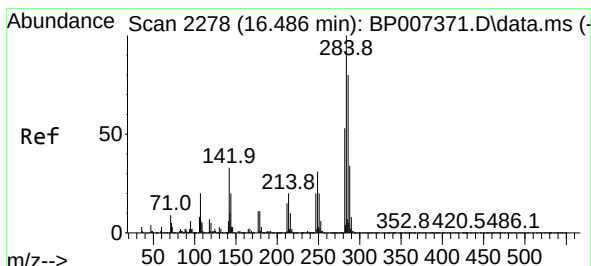
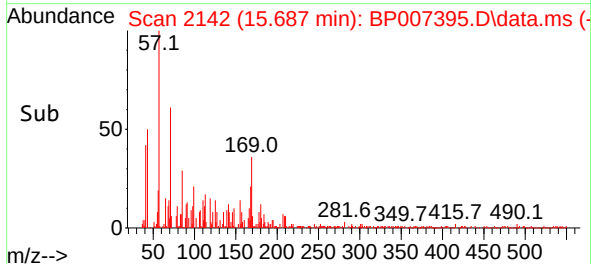
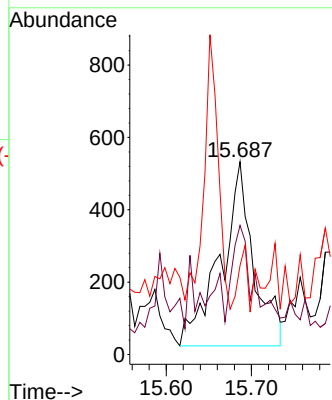
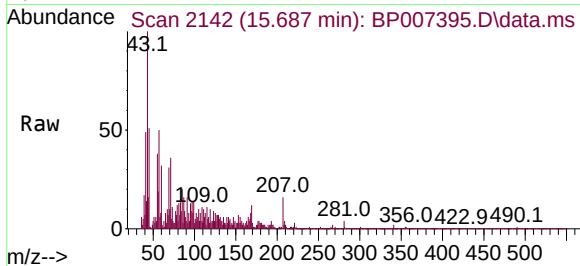




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.687 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

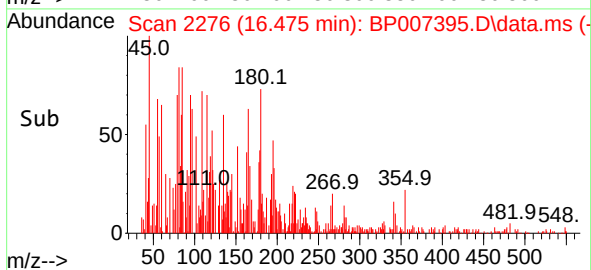
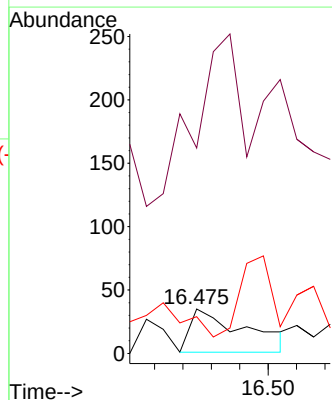
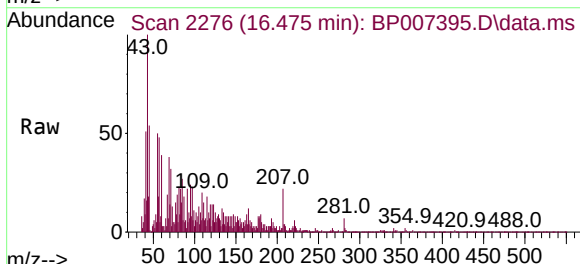
Instrument :
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ClientSampleId :
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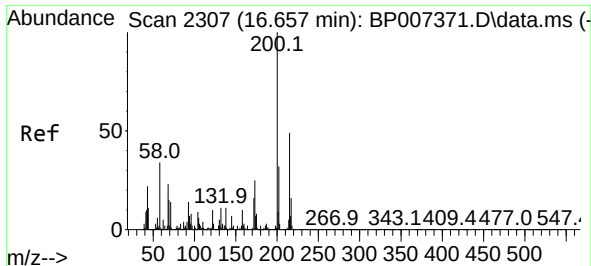
Tgt Ion:169 Resp: 1374
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 46.2 29.0 43.6#



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.475 min Scan# 2276
Delta R.T. -0.011 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:284 Resp: 46
Ion Ratio Lower Upper
284 100
142 462.9 26.9 40.3#
249 117.1 24.5 36.7#

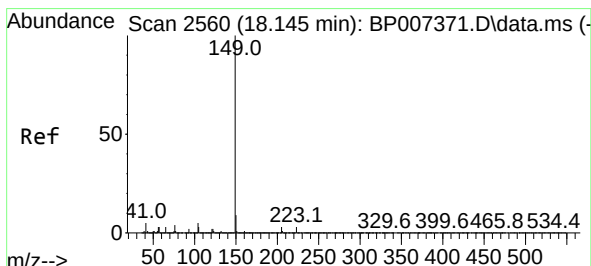
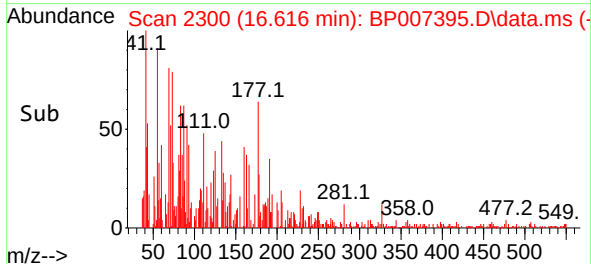
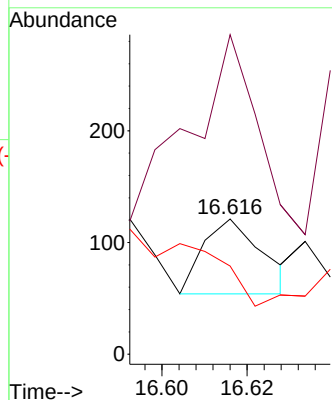
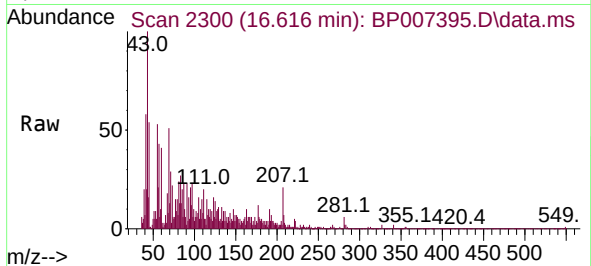




#69
Atrazine
Concen: Below Cal
RT: 16.616 min Scan# 2300
Delta R.T. -0.041 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

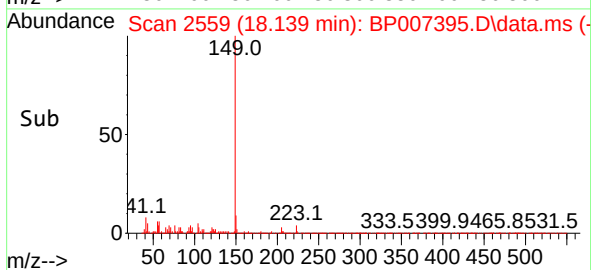
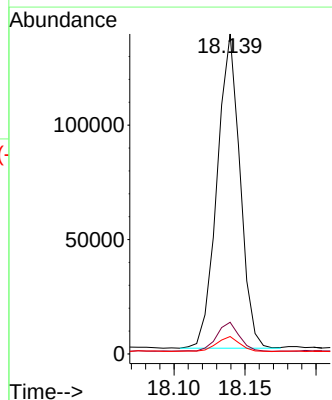
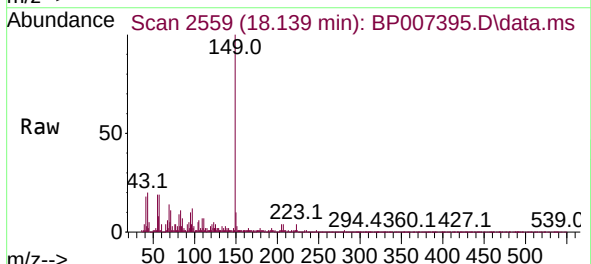
Instrument :
BNA_P
ClientSampleId :
S-2

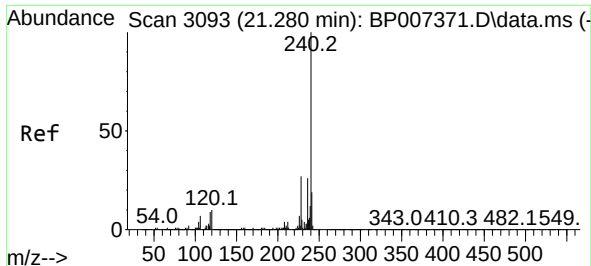
Tgt Ion:200 Resp: 65
Ion Ratio Lower Upper
200 100
173 236.4 4.1 44.1#
215 65.3 27.7 67.7



#74
Di-n-butylphthalate
Concen: 2.191 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:149 Resp: 153733
Ion Ratio Lower Upper
149 100
150 9.9 7.3 10.9
104 5.4 4.5 6.7

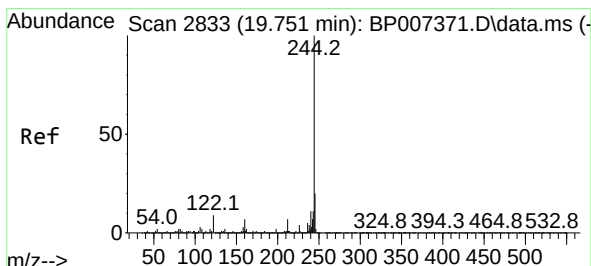
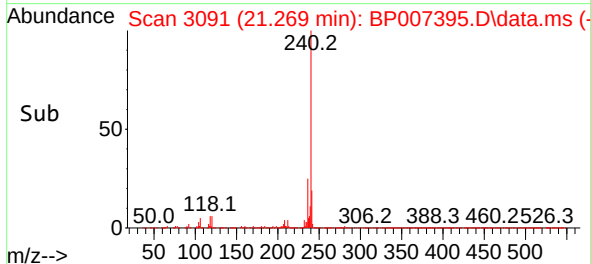
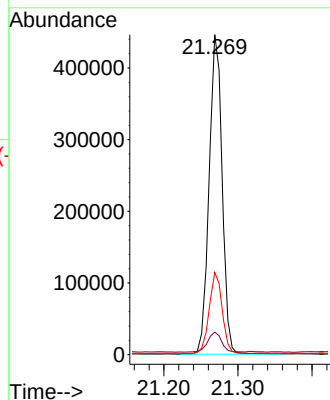
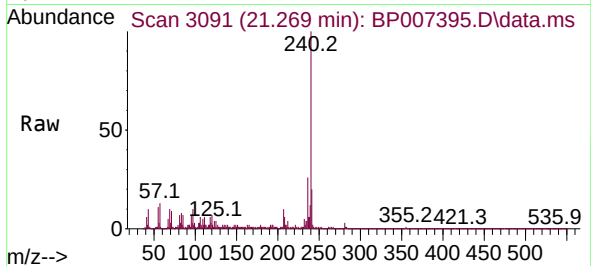




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

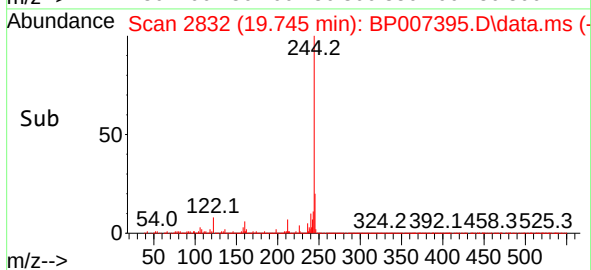
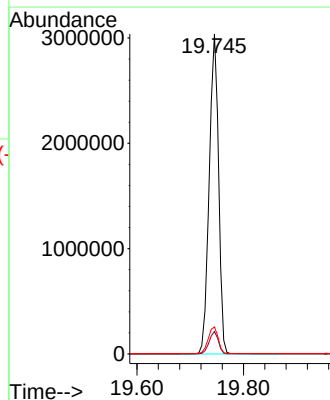
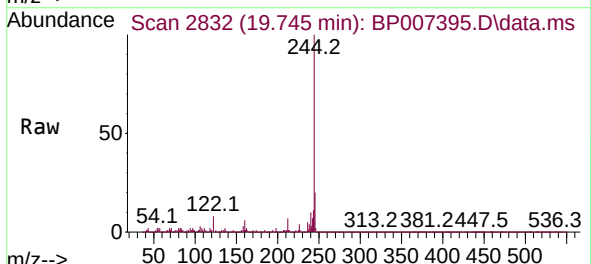
Instrument :
BNA_P
ClientSampleId :
S-2

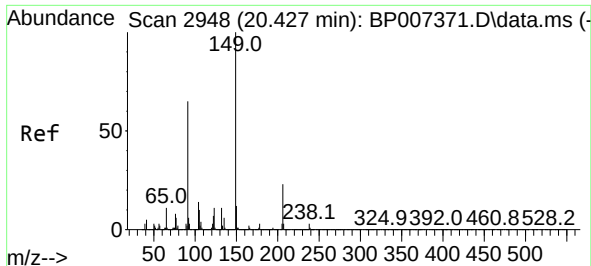
Tgt Ion:240 Resp: 544208
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 120.109 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:244 Resp: 3705932
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.5 7.1 10.7

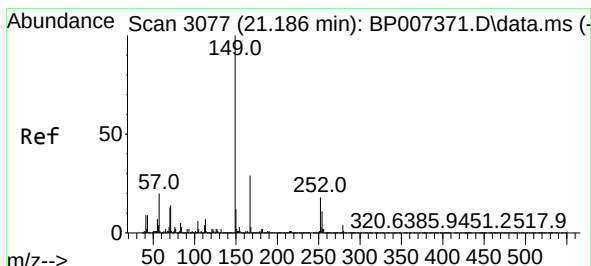
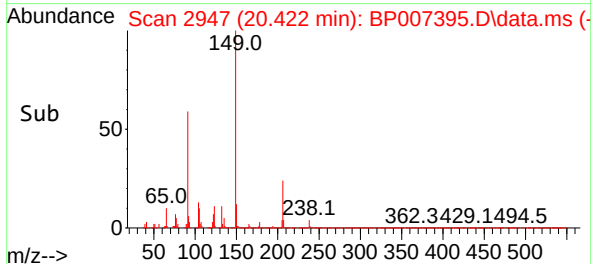
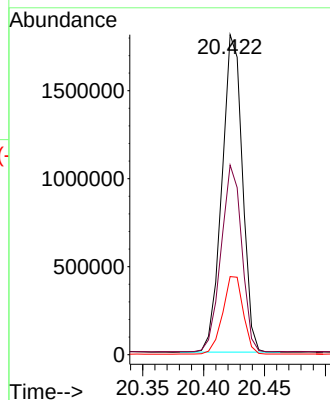
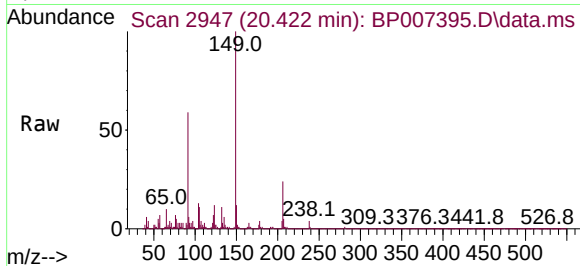




#80
Butylbenzylphthalate
Concen: 145.833 ng
RT: 20.422 min Scan# 2947
Delta R.T. -0.005 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

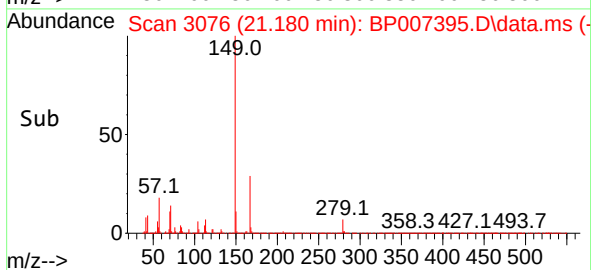
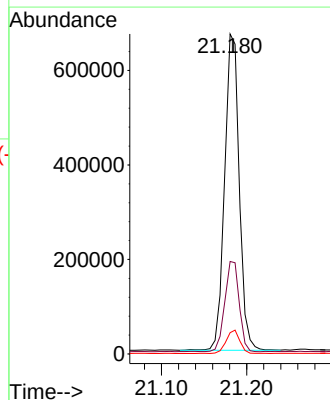
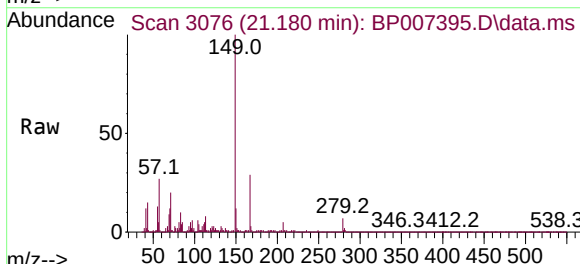
Instrument :
BNA_P
ClientSampleId :
S-2

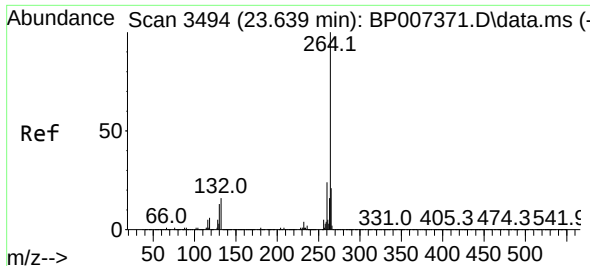
Tgt Ion:149 Resp: 2111246
Ion Ratio Lower Upper
149 100
91 59.3 54.6 81.8
206 24.4 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.659 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:149 Resp: 799070
Ion Ratio Lower Upper
149 100
167 28.9 21.9 32.9
279 6.6 4.3 6.5#

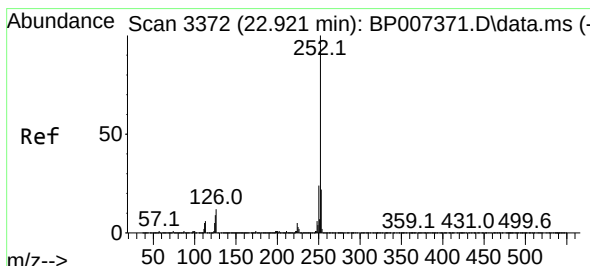
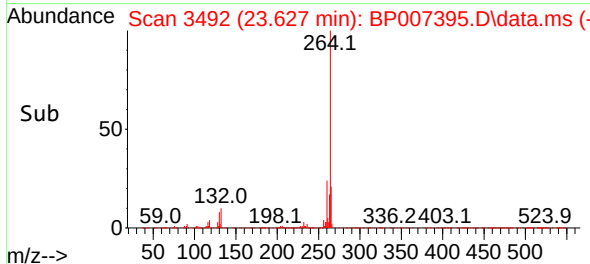
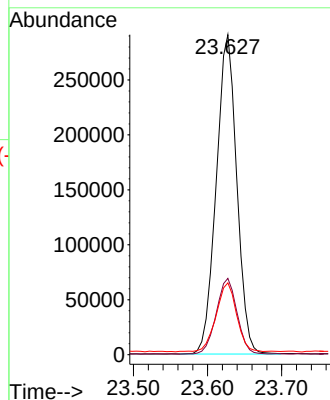
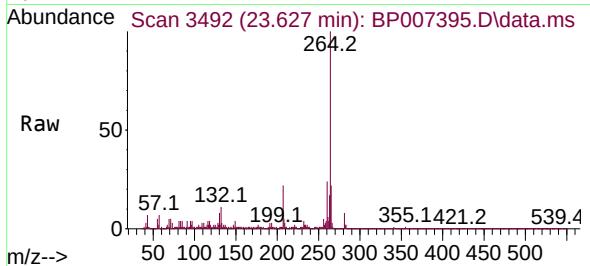




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

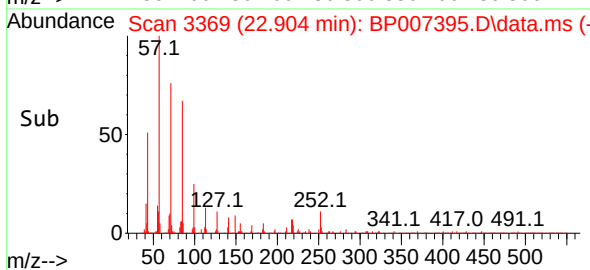
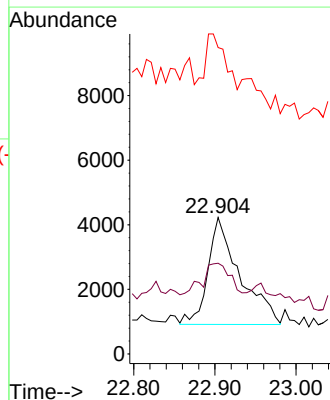
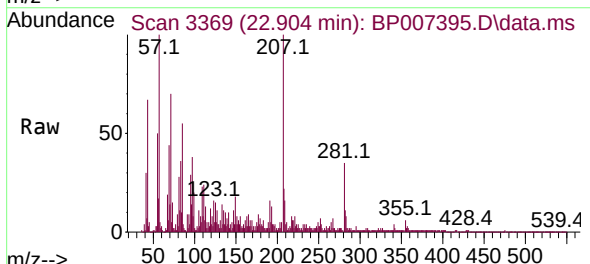
Instrument :
BNA_P
ClientSampled :
S-2

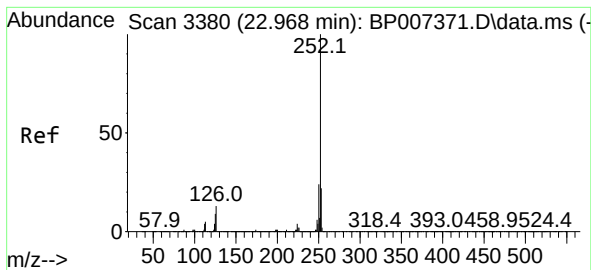
Tgt Ion:264 Resp: 560097
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007395.D
Acq: 09 Oct 2021 03:14

Tgt Ion:252 Resp: 9040
Ion Ratio Lower Upper
252 100
253 66.5 17.5 26.3#
125 224.5 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: Below Cal

RT: 22.904 min Scan# 3369

Delta R.T. -0.064 min

Lab File: BP007395.D

Acq: 09 Oct 2021 03:14

Instrument :

BNA_P

ClientSampleId :

S-2

Tgt Ion:252 Resp: 9040

Ion Ratio Lower Upper

252 100

253 66.5 17.6 26.4#

125 224.5 6.0 9.0#

