

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007391.D
 Acq On : 09 Oct 2021 00:58
 Operator : CG/JU
 Sample : M4112-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1-FLOOR

Quant Time: Oct 09 06:20:48 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)

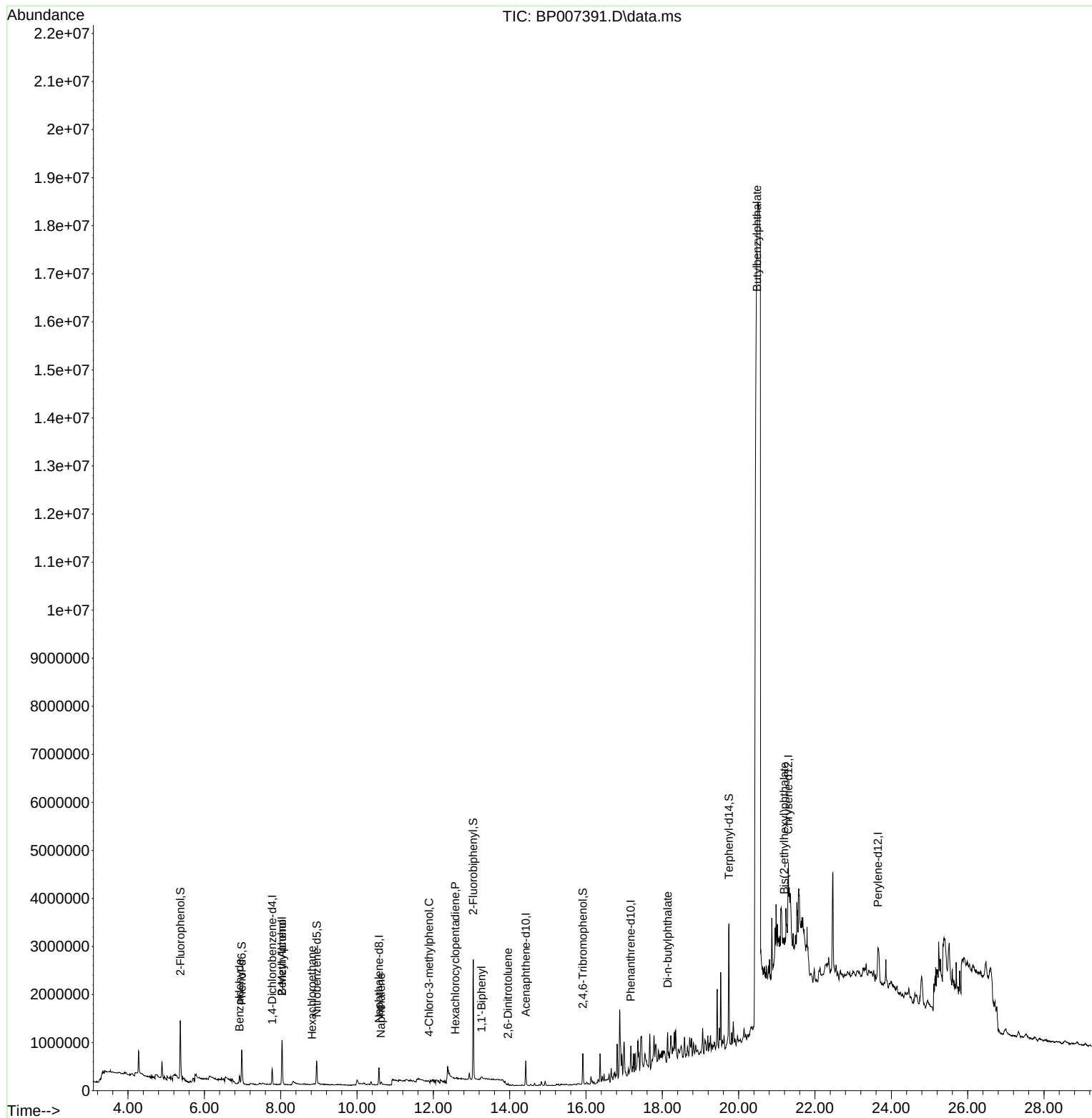
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	94127	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	306665	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	179012	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	382091	20.000	ng	-0.01
76) Chrysene-d12	21.298	240	625551	20.000	ng	0.02
86) Perylene-d12	23.645	264	483251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	597175	104.539	ng	0.01
7) Phenol-d6	6.981	99	469796	61.258	ng	0.02
23) Nitrobenzene-d5	8.946	82	287076	55.134	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	154218	52.520	ng	-0.01
45) 2-Fluorobiphenyl	13.046	172	1287640	100.509	ng	0.00
79) Terphenyl-d14	19.745	244	1256842	35.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	115	Below Cal	#	70
9) Benzaldehyde	6.922	77	76667	17.274	ng	95
15) Benzyl Alcohol	8.034	79	339595	68.229	ng	97
17) 2-Methylphenol	8.034	107	196258	38.768	ng	# 23
18) Hexachloroethane	8.822	117	7525	3.181	ng	# 4
31) Naphthalene	10.628	128	91093	5.804	ng	# 92
36) 4-Chloro-3-methylphenol	11.887	107	86	2.334	ng	# 1
41) Hexachlorocyclopentadiene	12.575	237	17	6.061	ng	94
46) 1,1'-Biphenyl	13.263	154	67968	5.057	ng	90
51) 2,6-Dinitrotoluene	13.957	165	6054	2.108	ng	# 43
66) n-Nitrosodiphenylamine	15.687	169	1217	Below Cal	#	64
68) Hexachlorobenzene	16.492	284	32	Below Cal	#	1
69) Atrazine	16.645	200	173	Below Cal	#	21
74) Di-n-butylphthalate	18.139	149	337984	14.018	ng	99
80) Butylbenzylphthalate	20.480	149	39258871	2359.153	ng	# 78
84) Bis(2-ethylhexyl)phtha...	21.192	149	88433	3.818	ng	# 81
88) Benzo(b)fluoranthene	22.927	252	16013	Below Cal	#	1
89) Benzo(k)fluoranthene	22.927	252	16013	Below Cal	#	1

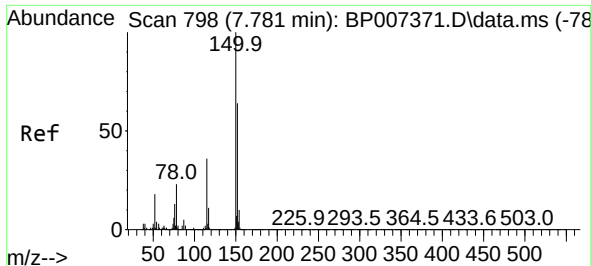
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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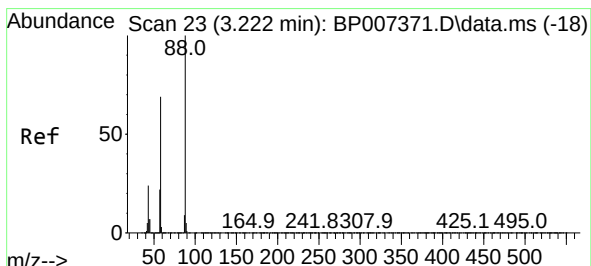
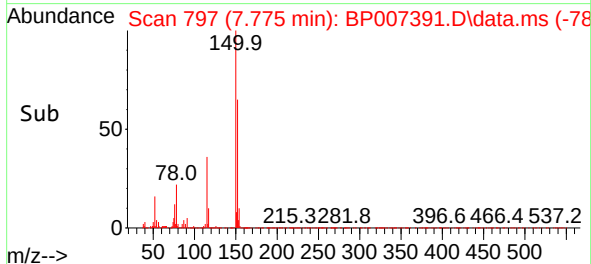
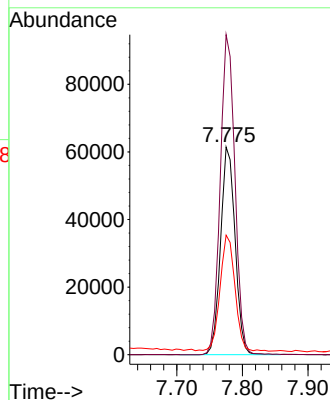
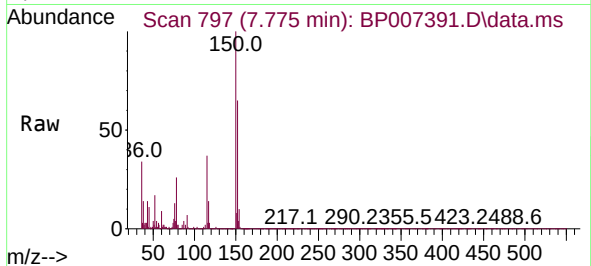




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

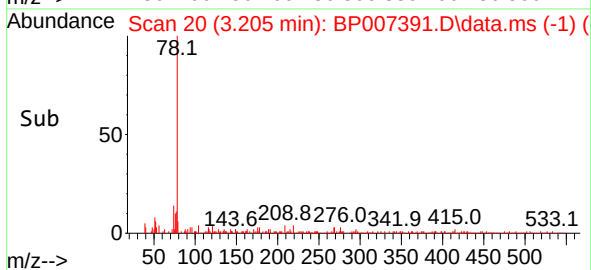
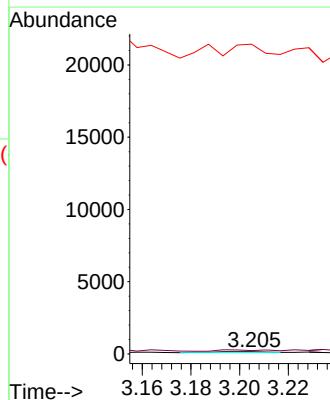
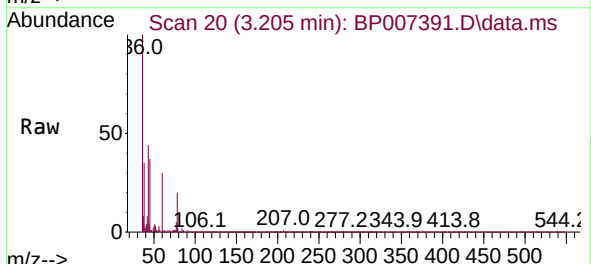
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

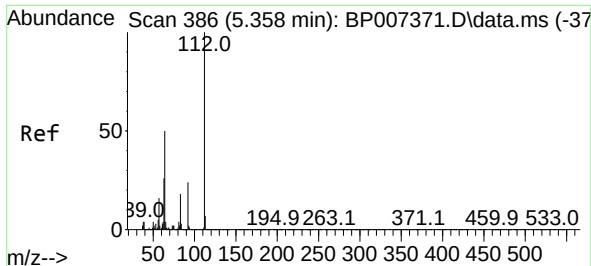
Tgt Ion:152 Resp: 94127
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 57.6 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.205 min Scan# 20
Delta R.T. -0.017 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
58 73.9 46.7 70.1#
43 0.0 20.3 30.5#

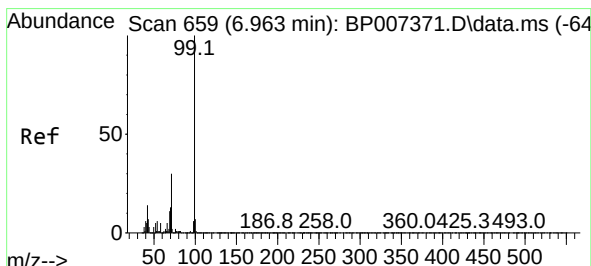
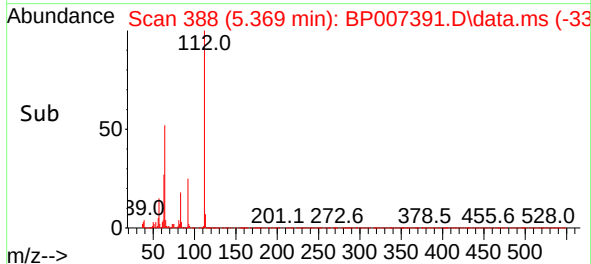
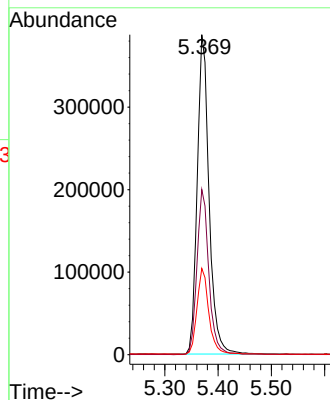
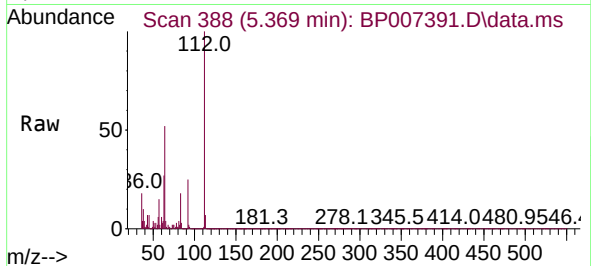




#5
2-Fluorophenol
Concen: 104.539 ng
RT: 5.369 min Scan# 388
Delta R.T. 0.011 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

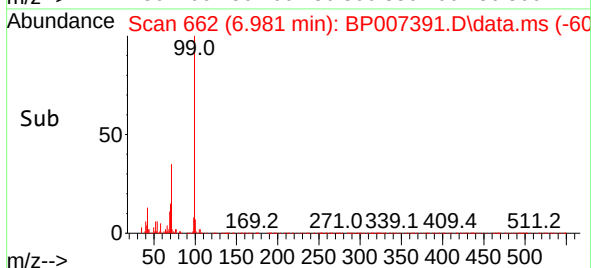
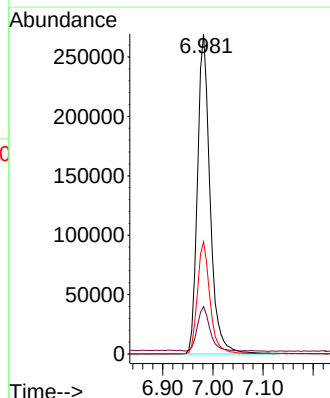
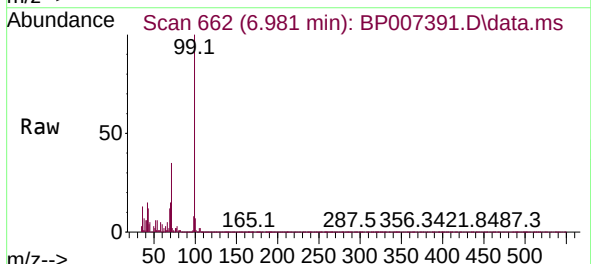
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

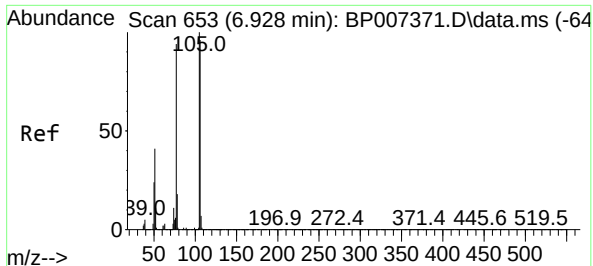
Tgt Ion:112 Resp: 597175
Ion Ratio Lower Upper
112 100
64 51.6 41.4 62.2
63 26.9 23.8 35.8



#7
Phenol-d6
Concen: 61.258 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.018 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion: 99 Resp: 469796
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 35.1 30.6 46.0

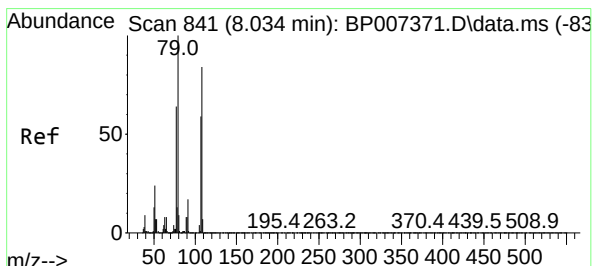
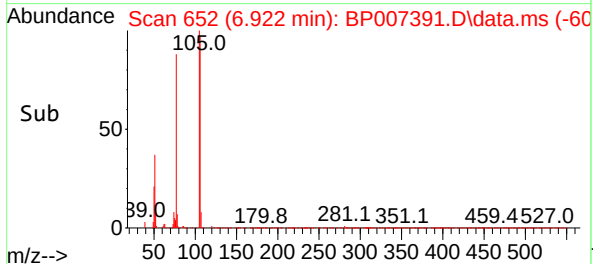
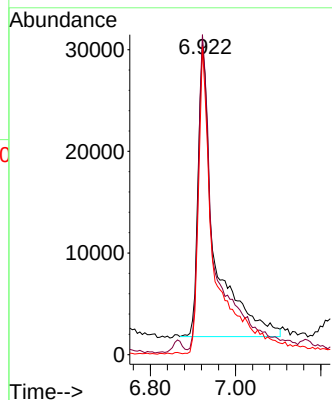
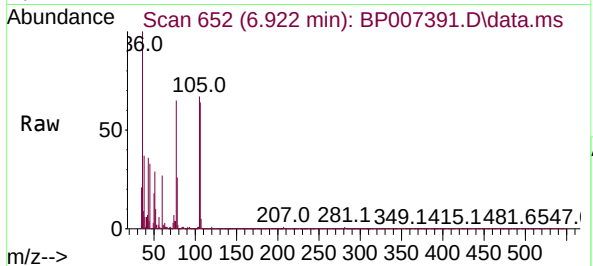




#9
Benzaldehyde
Concen: 17.274 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

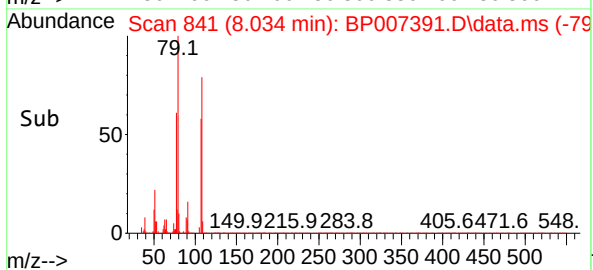
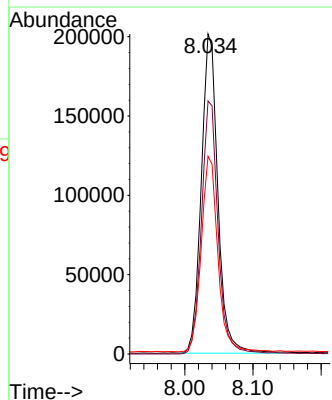
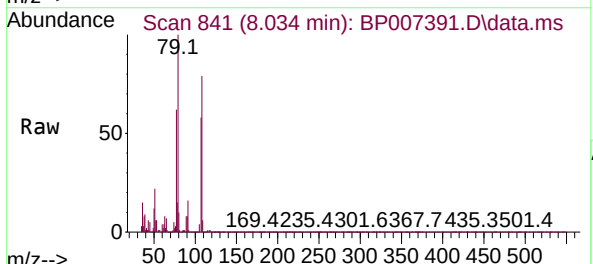
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

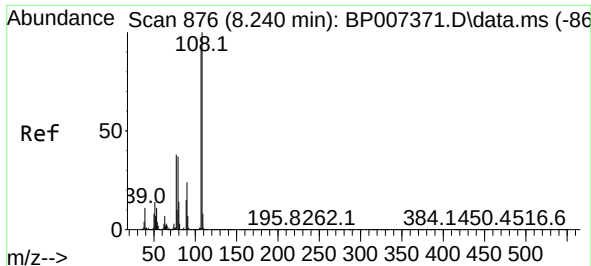
Tgt Ion: 77 Resp: 76667
Ion Ratio Lower Upper
77 100
105 103.3 76.7 116.7
106 99.4 76.2 116.2



#15
Benzyl Alcohol
Concen: 68.229 ng
RT: 8.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion: 79 Resp: 339595
Ion Ratio Lower Upper
79 100
108 79.1 62.5 93.7
77 61.8 52.9 79.3

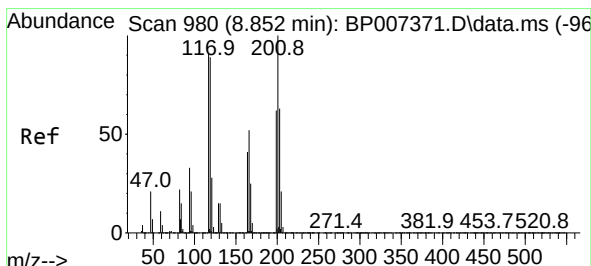
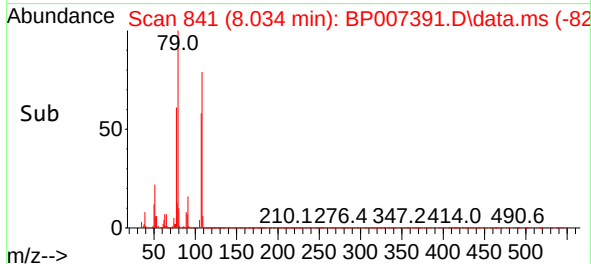
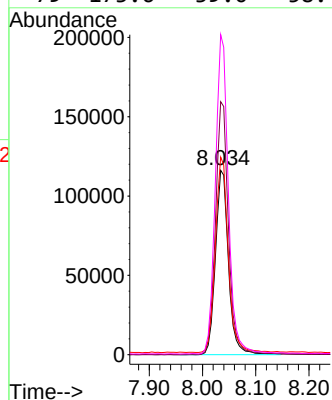
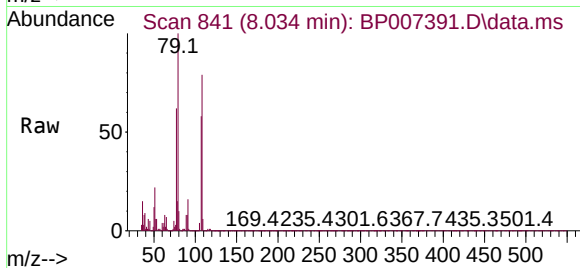




#17
2-Methylphenol
Concen: 38.768 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.206 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

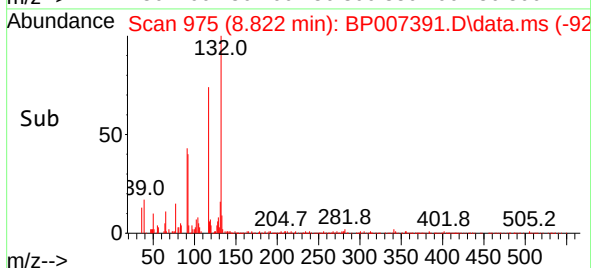
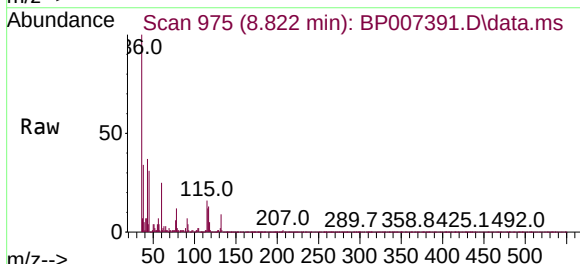
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

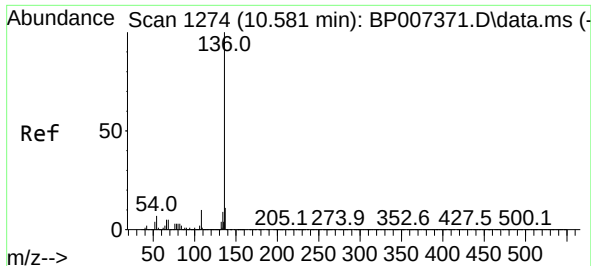
Tgt Ion:	107	Resp:	196258
Ion	Ratio	Lower	Upper
107	100		
108	137.2	87.7	131.5#
77	107.2	40.2	60.2#
79	173.6	39.0	58.4#



#18
Hexachloroethane
Concen: 3.181 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.030 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:	117	Resp:	7525
Ion	Ratio	Lower	Upper
117	100		
119	8.4	76.2	114.2#
201	0.2	83.4	125.0#

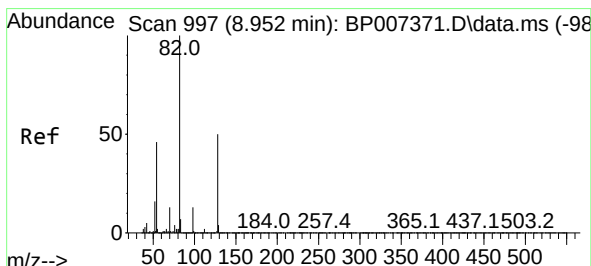
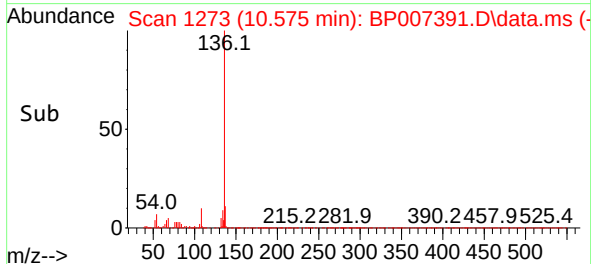
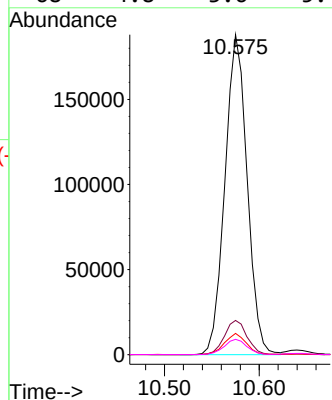
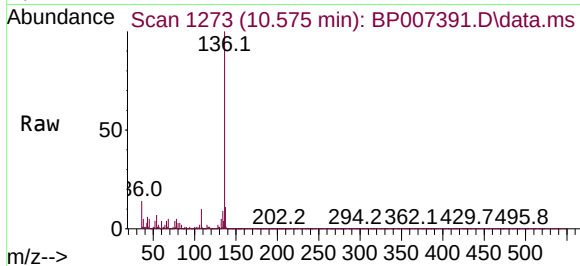




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

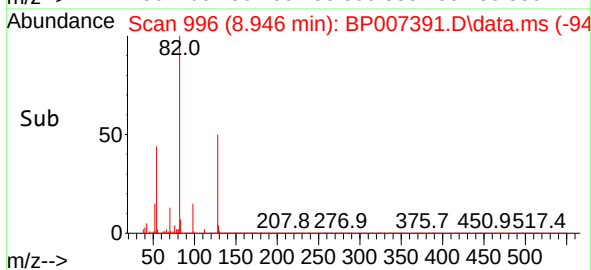
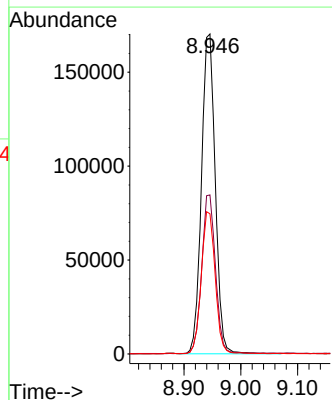
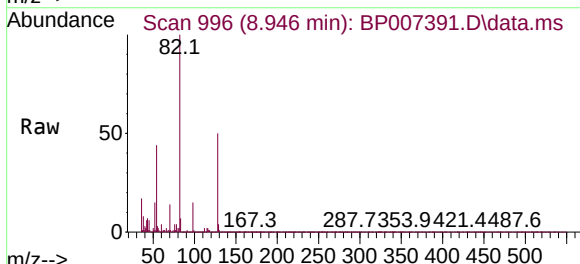
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ClientSampleId :
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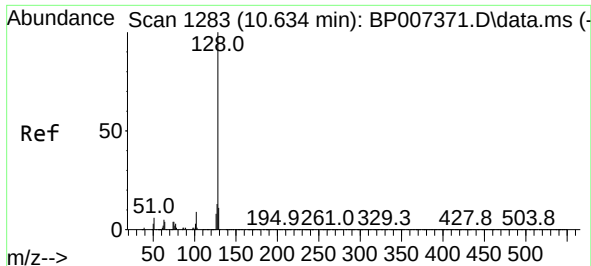
Tgt Ion:	136	Resp:	306665
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	6.6	4.6	6.8
68	4.8	3.6	5.4



#23
Nitrobenzene-d5
Concen: 55.134 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:	82	Resp:	287076
Ion Ratio	Lower	Upper	
82	100		
128	49.7	35.7	53.5
54	43.8	35.0	52.4

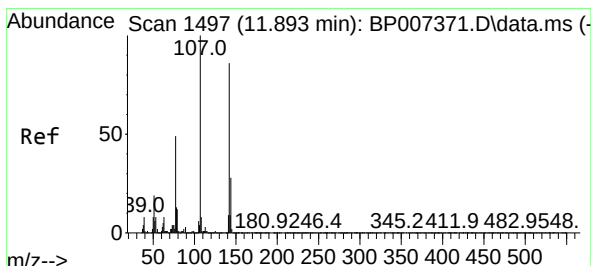
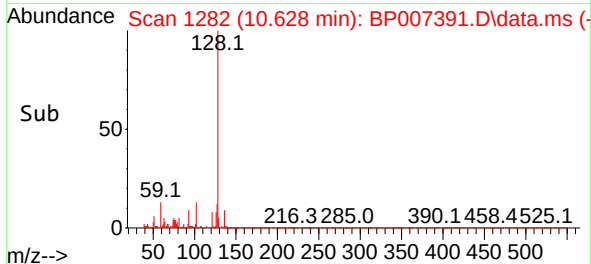
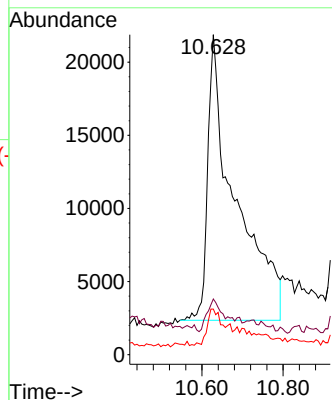
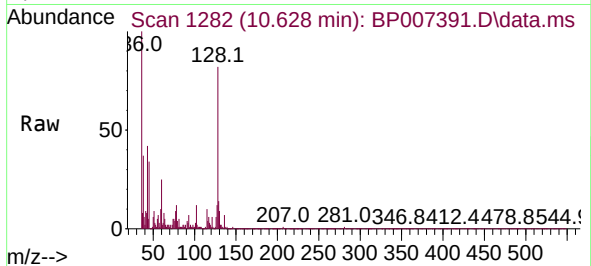




#31
Naphthalene
Concen: 5.804 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

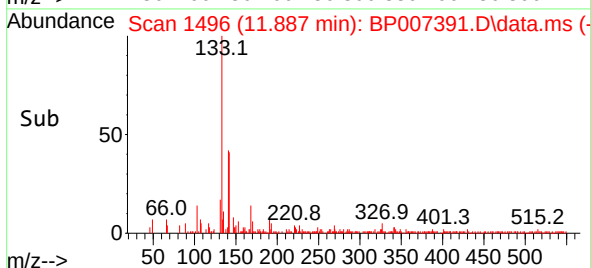
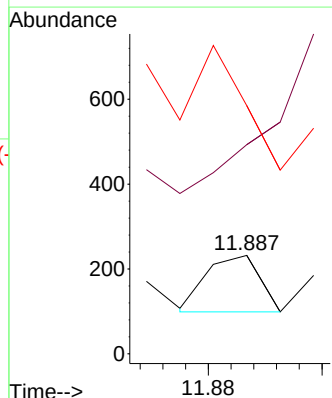
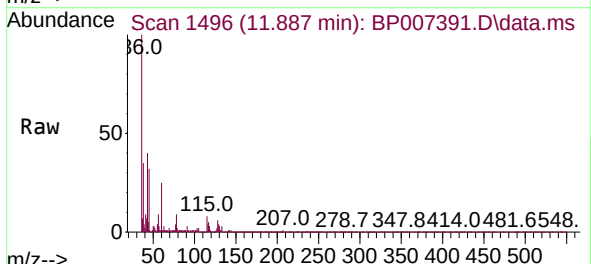
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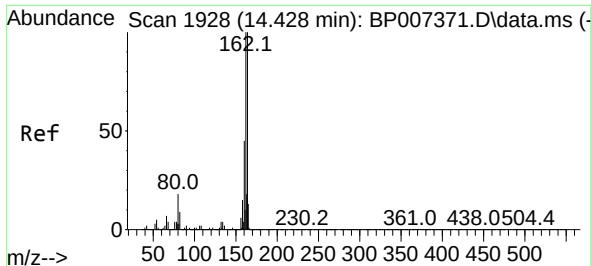
Tgt Ion:128 Resp: 91093
Ion Ratio Lower Upper
128 100
129 17.4 9.0 13.6#
127 14.3 10.7 16.1



#36
4-Chloro-3-methylphenol
Concen: 2.334 ng
RT: 11.887 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:107 Resp: 86
Ion Ratio Lower Upper
107 100
144 212.5 21.1 31.7#
142 252.2 66.0 99.0#

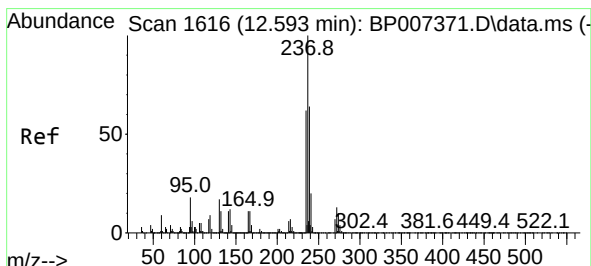
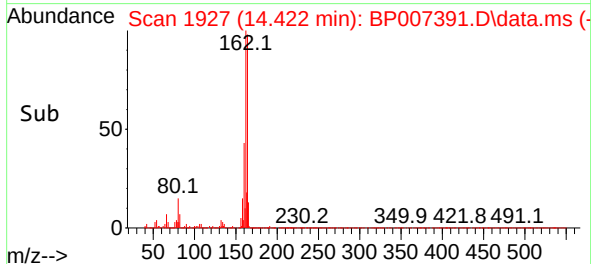
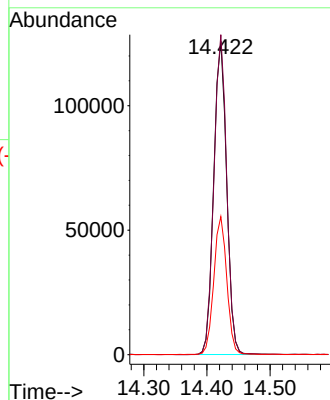
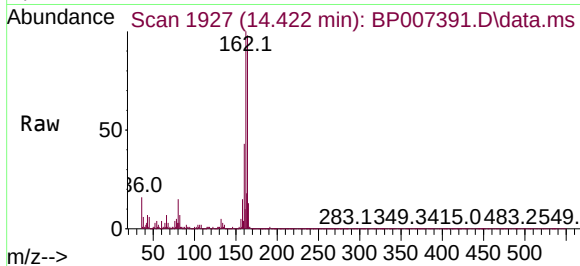




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

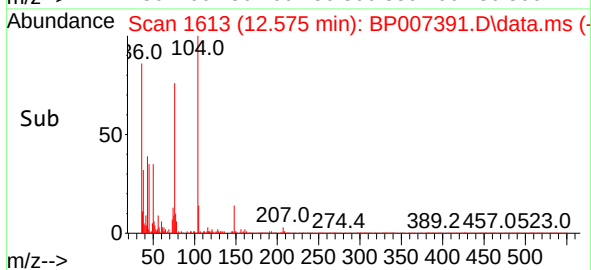
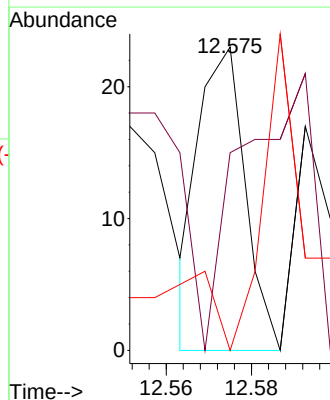
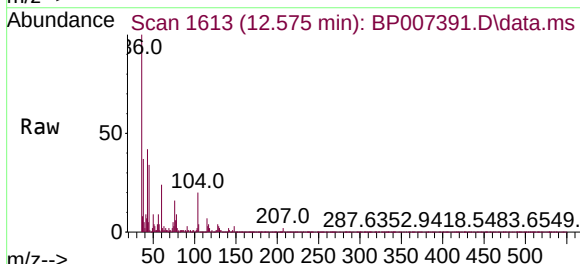
Instrument :
BNA_P
ClientSampleId :
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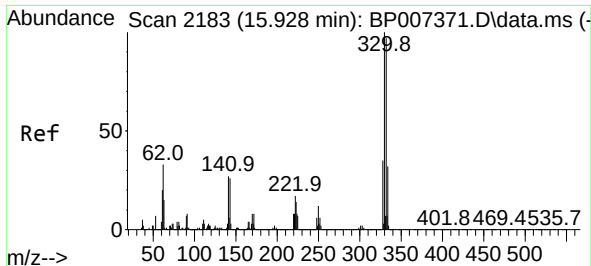
Tgt Ion:164 Resp: 179012
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 44.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 6.061 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.018 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 65.2 44.5 84.5
272 0.0 0.0 32.5

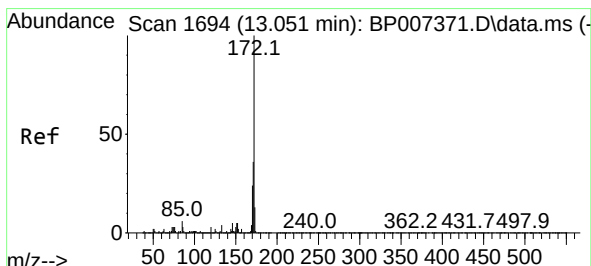
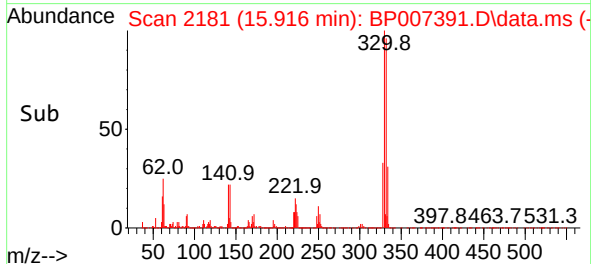
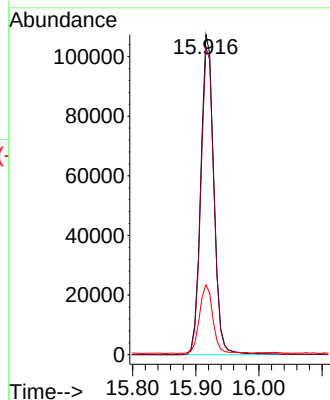
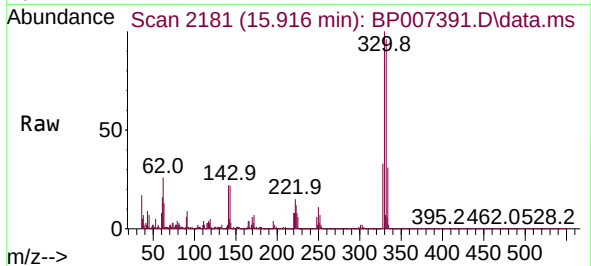




#42
2,4,6-Tribromophenol
Concen: 52.520 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

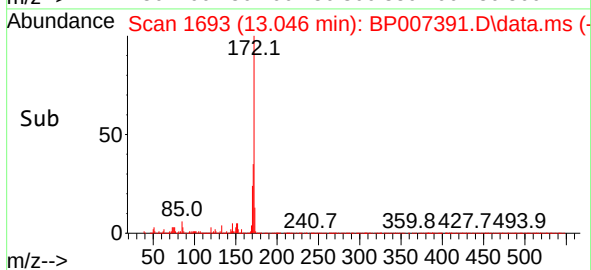
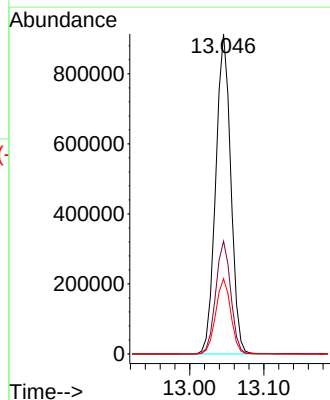
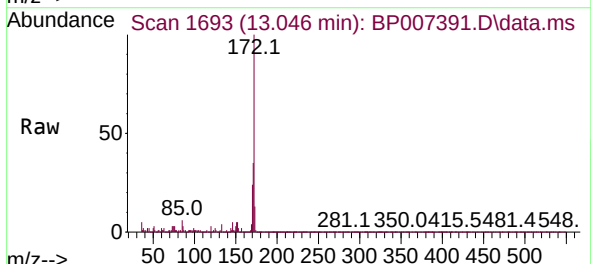
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

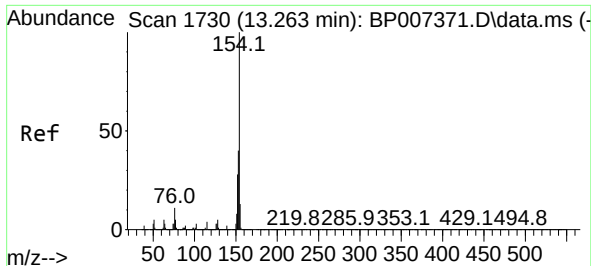
Tgt Ion:330 Resp: 154218
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 22.0 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 100.509 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:172 Resp: 1287640
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.5 18.6 27.8

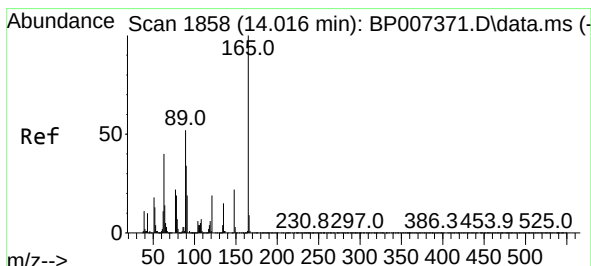
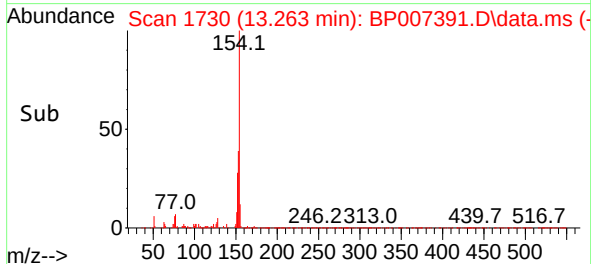
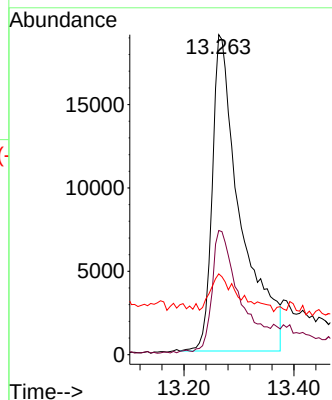
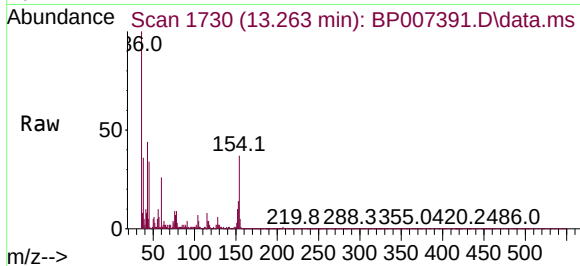




#46
1,1'-Biphenyl
Concen: 5.057 ng
RT: 13.263 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

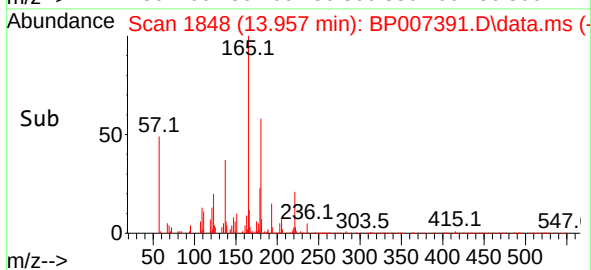
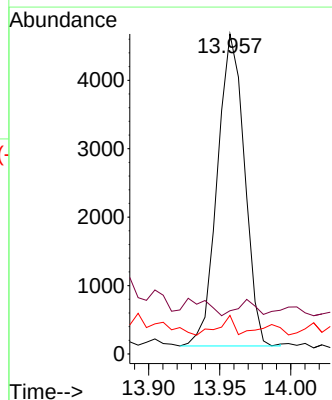
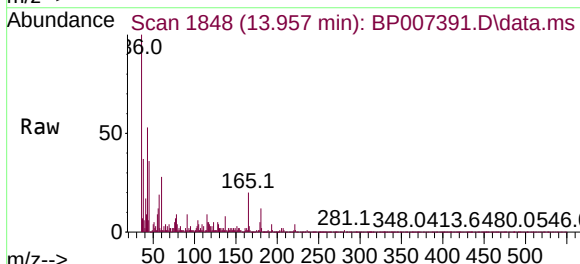
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

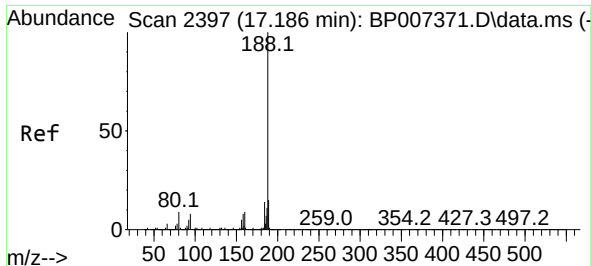
Tgt Ion:	154	Resp:	67968
Ion Ratio	Lower	Upper	
154	100		
153	38.8	20.4	60.4
76	25.3	0.0	30.8



#51
2,6-Dinitrotoluene
Concen: 2.108 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.059 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:	165	Resp:	6054
Ion Ratio	Lower	Upper	
165	100		
63	13.5	41.3	61.9#
89	12.1	44.8	67.2#

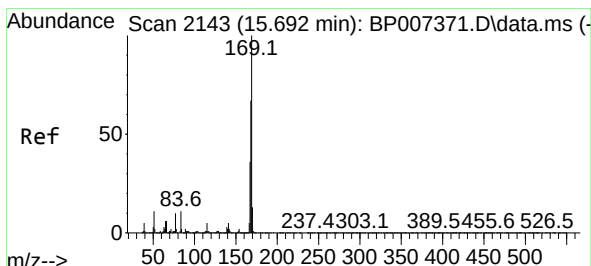
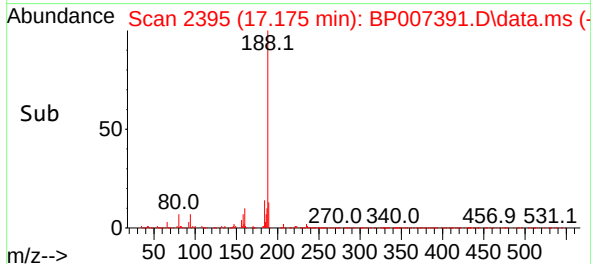
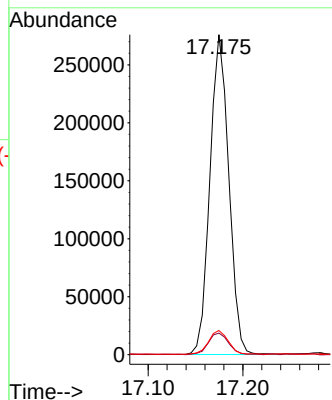
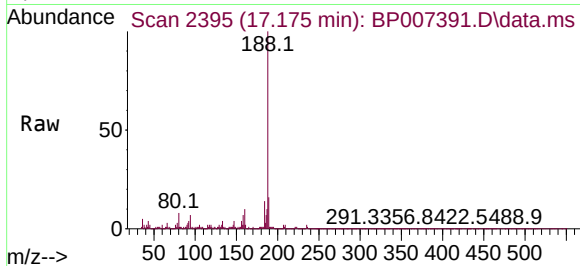




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

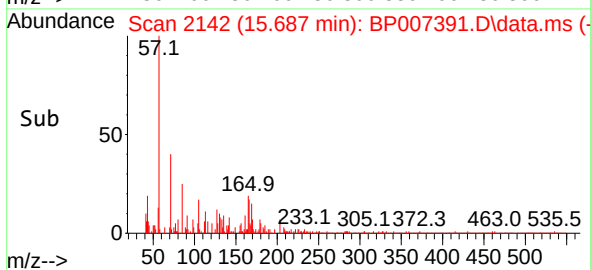
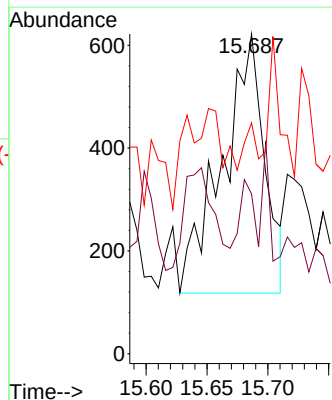
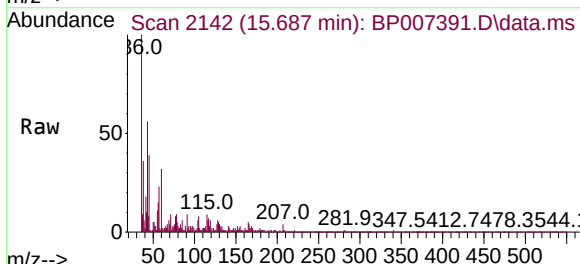
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

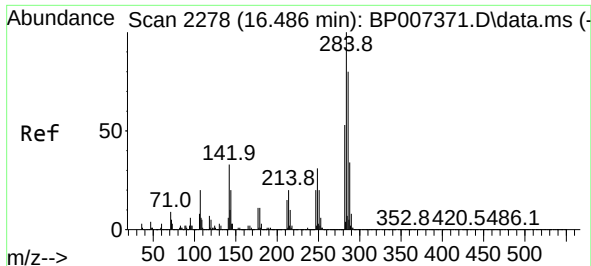
Tgt Ion:188 Resp: 382091
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 7.5 6.3 9.5



#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.687 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:169 Resp: 1217
Ion Ratio Lower Upper
169 100
168 50.0 54.4 81.6#
167 72.2 29.0 43.6#

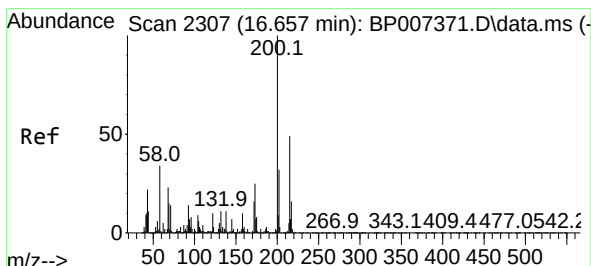
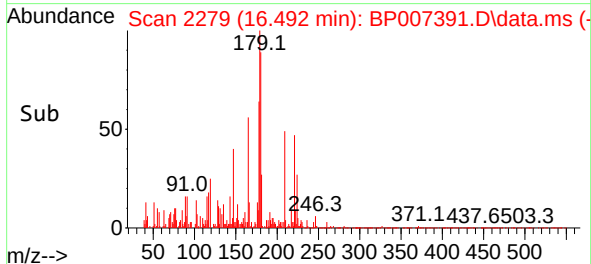
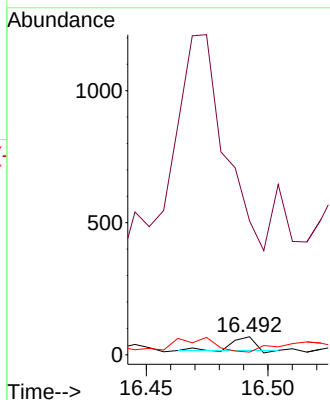
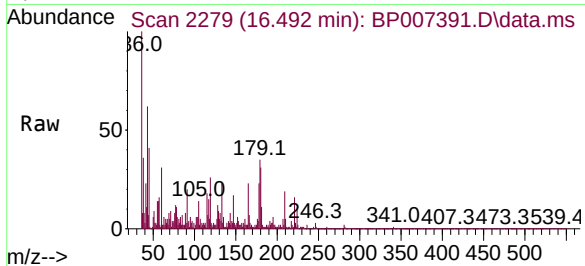




#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.492 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

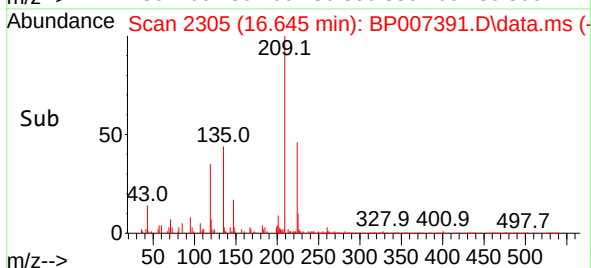
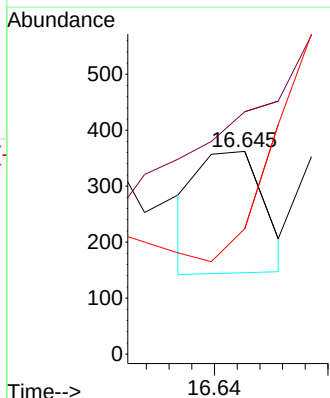
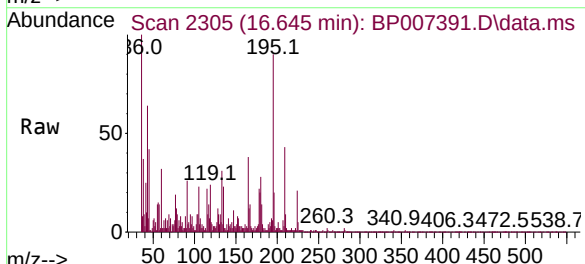
Instrument :
BNA_P
ClientSampled :
1-FLOOR

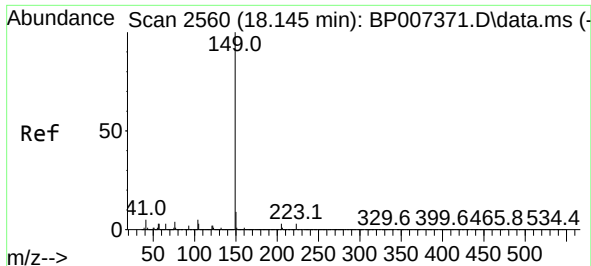
Tgt Ion:284 Resp: 32
Ion Ratio Lower Upper
284 100
142 745.6 26.9 40.3#
249 14.7 24.5 36.7#



#69
Atrazine
Concen: Below Cal
RT: 16.645 min Scan# 2305
Delta R.T. -0.012 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:200 Resp: 173
Ion Ratio Lower Upper
200 100
173 119.6 4.1 44.1#
215 61.9 27.7 67.7

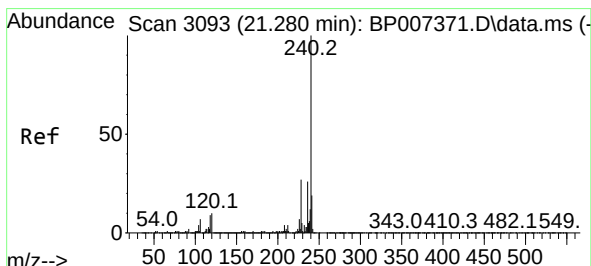
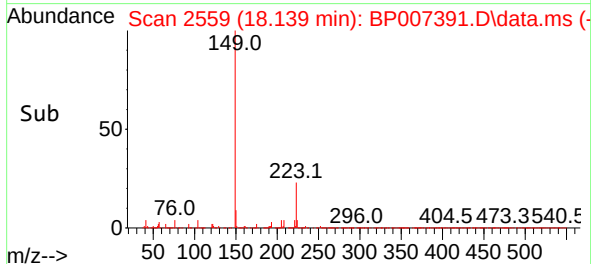
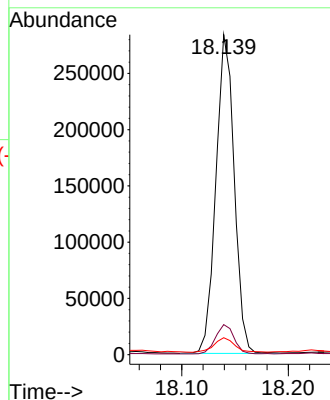
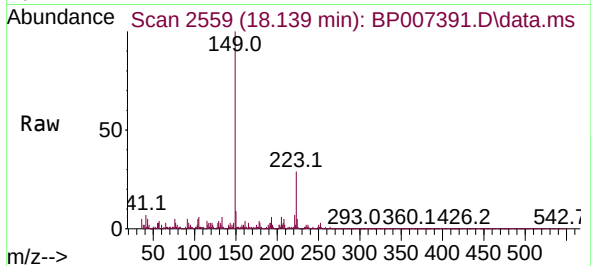




#74
Di-n-butylphthalate
Concen: 14.018 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

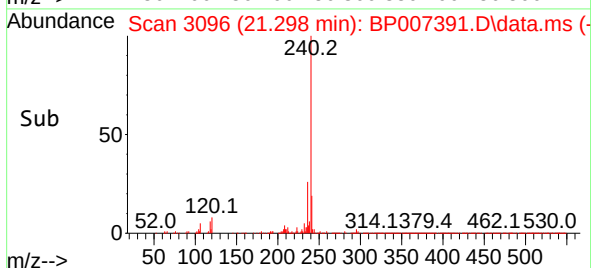
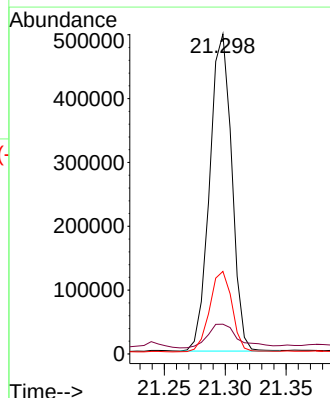
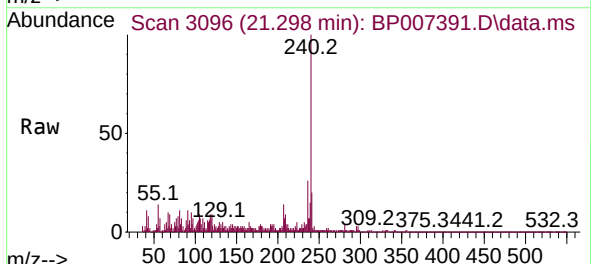
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

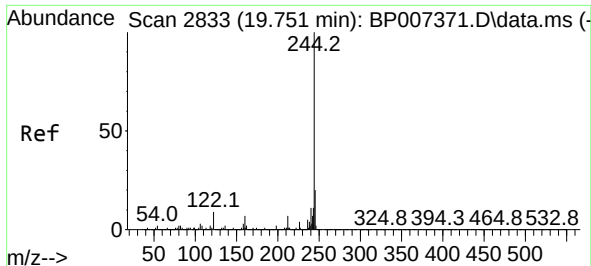
Tgt Ion:149	Resp:	337984
Ion Ratio	Lower	Upper
149	100	
150	9.4	7.3 10.9
104	5.3	4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3096
Delta R.T. 0.018 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:240	Resp:	625551
Ion Ratio	Lower	Upper
240	100	
120	9.3	6.5 9.7
236	25.8	20.6 31.0

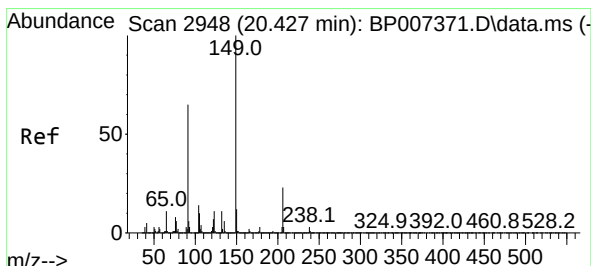
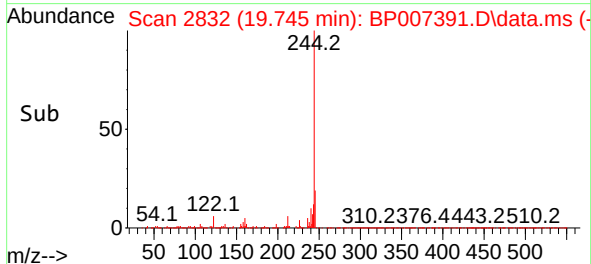
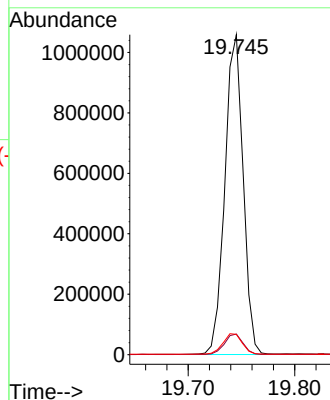
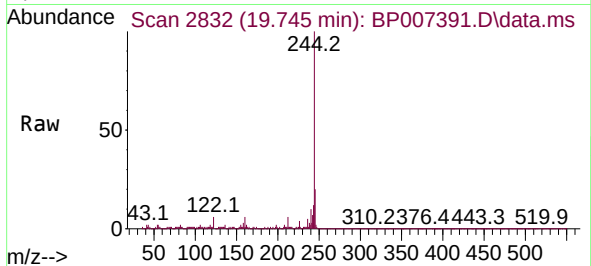




#79
 Terphenyl-d14
 Concen: 35.437 ng
 RT: 19.745 min Scan# 2832
 Delta R.T. -0.006 min
 Lab File: BP007391.D
 Acq: 09 Oct 2021 00:58

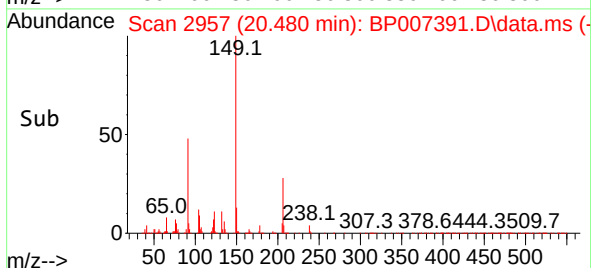
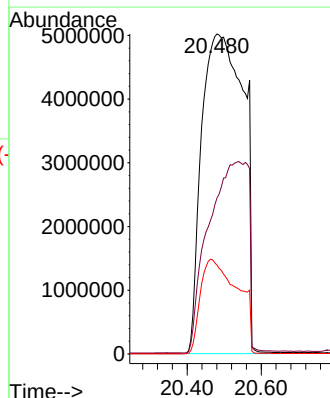
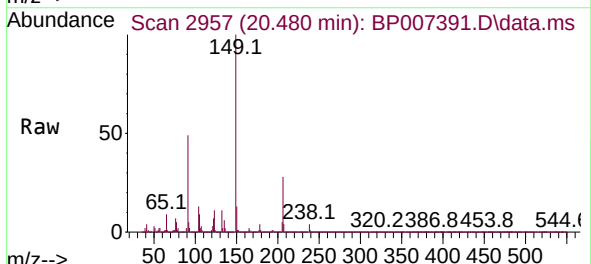
Instrument :
 BNA_P
 ClientSampleId :
 1-FLOOR

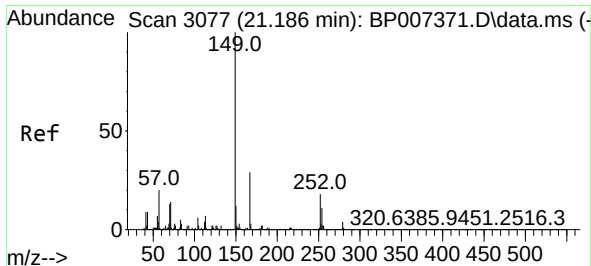
Tgt Ion:244 Resp: 1256842
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 6.4 7.1 10.7#



#80
 Butylbenzylphthalate
 Concen: 2359.153 ng
 RT: 20.480 min Scan# 2957
 Delta R.T. 0.053 min
 Lab File: BP007391.D
 Acq: 09 Oct 2021 00:58

Tgt Ion:149 Resp:39258871
 Ion Ratio Lower Upper
 149 100
 91 48.8 54.6 81.8#
 206 27.7 16.7 25.1#

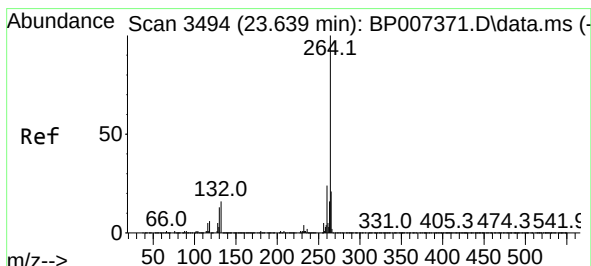
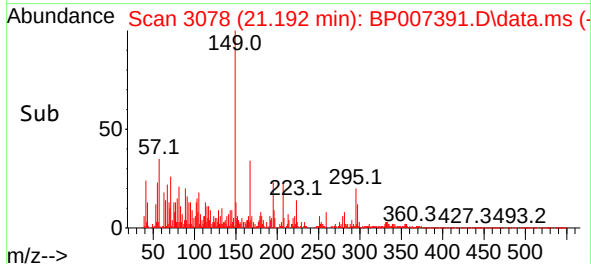
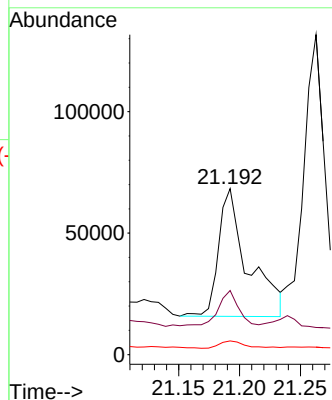
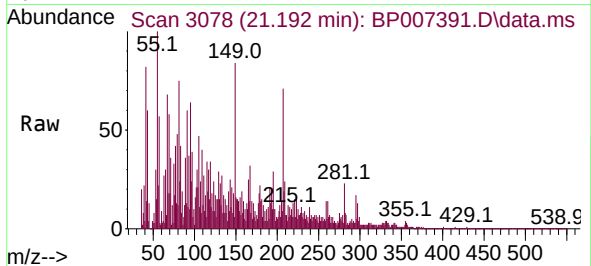




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.818 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

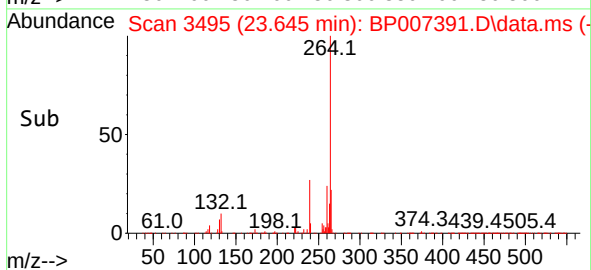
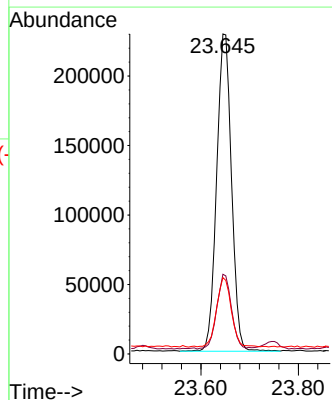
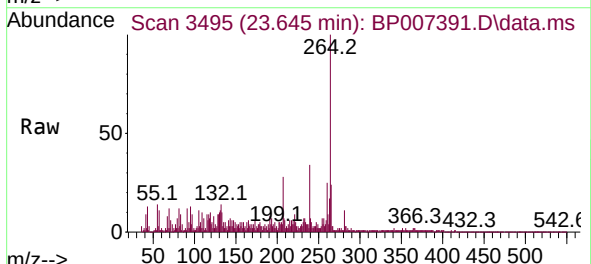
Instrument :
BNA_P
ClientSampleId :
1-FLOOR

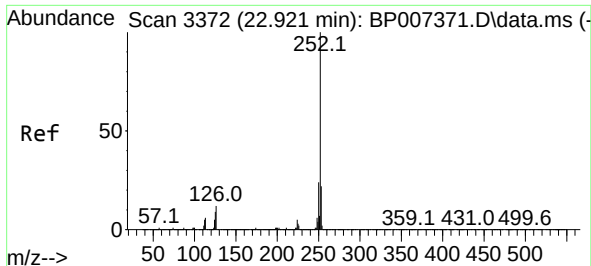
Tgt Ion:149 Resp: 88433
Ion Ratio Lower Upper
149 100
167 38.7 21.9 32.9#
279 8.3 4.3 6.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.645 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:264 Resp: 483251
Ion Ratio Lower Upper
264 100
260 24.9 18.6 28.0
265 23.9 17.6 26.4

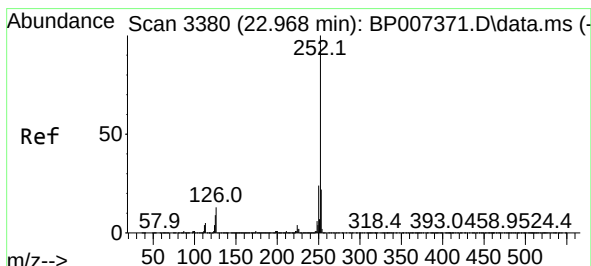
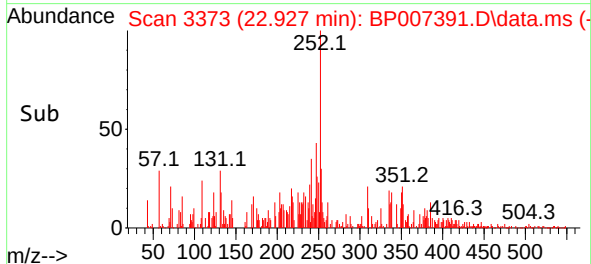
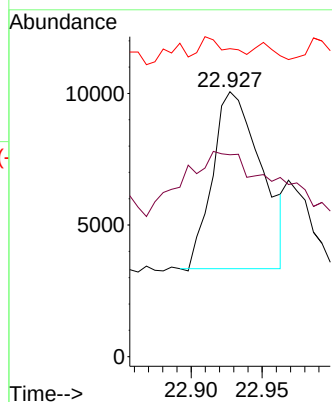
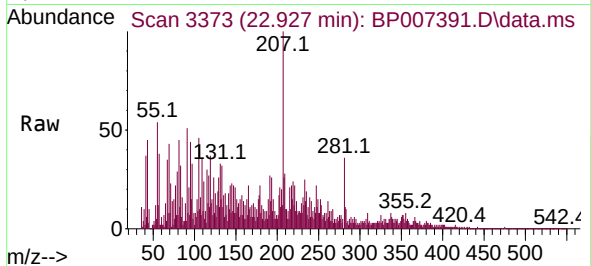




#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.927 min Scan# 3373
Delta R.T. 0.006 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Instrument :
BNA_P
ClientSampleId :
1-FLOOR

Tgt Ion:252 Resp: 16013
Ion Ratio Lower Upper
252 100
253 76.2 17.5 26.3#
125 116.2 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.927 min Scan# 3373
Delta R.T. -0.041 min
Lab File: BP007391.D
Acq: 09 Oct 2021 00:58

Tgt Ion:252 Resp: 16013
Ion Ratio Lower Upper
252 100
253 76.2 17.6 26.4#
125 116.2 6.0 9.0#

