

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005644.D
 Acq On : 28 May 2021 18:03
 Operator : CG/JU
 Sample : M2551-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JCSY-SP2

Quant Time: May 28 22:53:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

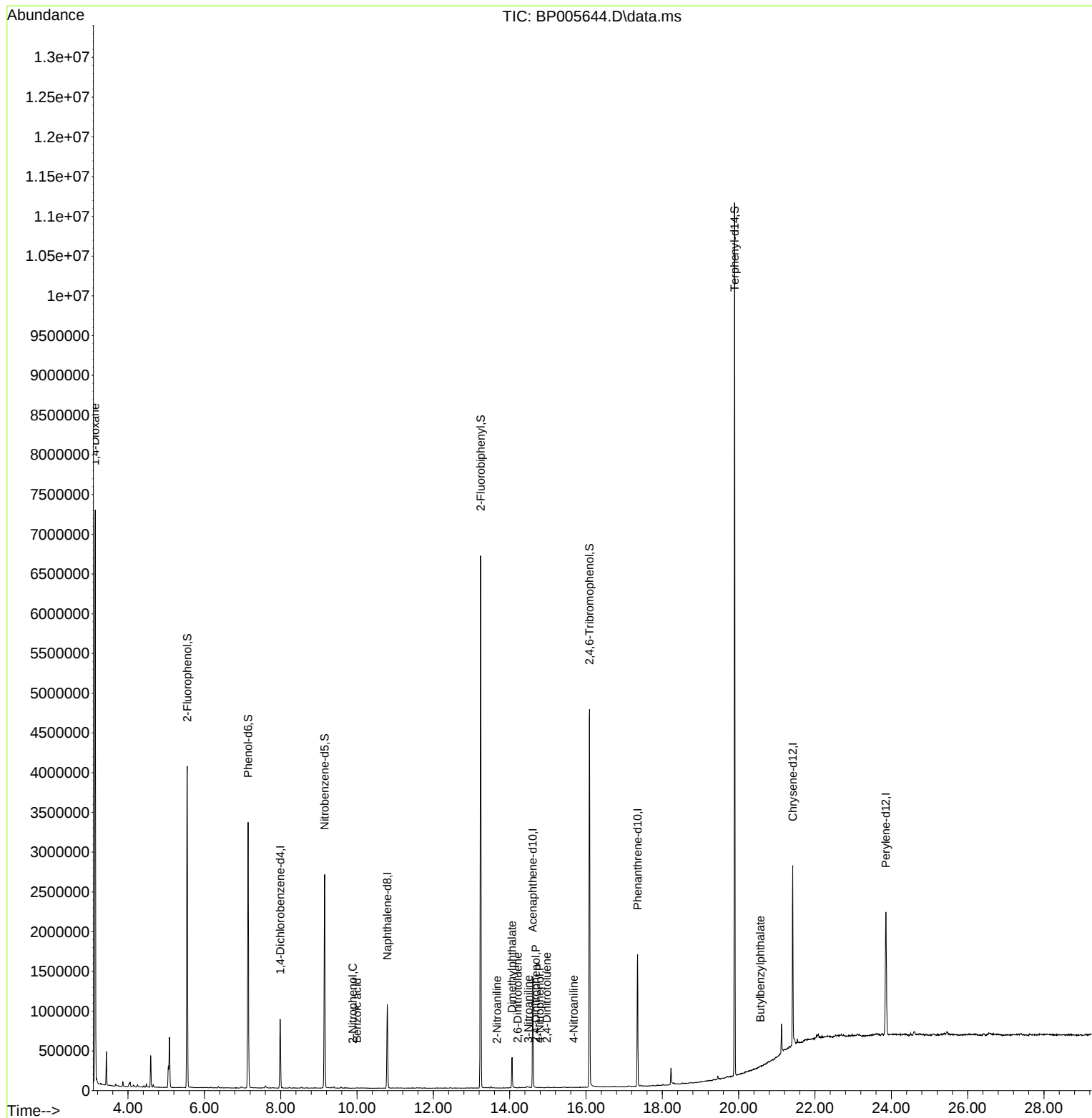
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	225033	20.00	ng	0.00
21) Naphthalene-d8	10.792	136	860258	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	489609	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	977036	20.00	ng	# 0.00
76) Chrysene-d12	21.415	240	1031408	20.00	ng	# 0.00
86) Perylene-d12	23.856	264	1223308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1736247	119.96	ng	0.00
7) Phenol-d6	7.145	99	1852633	93.89	ng	0.00
23) Nitrobenzene-d5	9.151	82	1546079	99.95	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	924052	147.18	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3249753	87.84	ng	0.00
79) Terphenyl-d14	19.892	244	4761846	86.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	44524	6.72	ng	# 1
26) 2-Nitrophenol	9.892	139	21	4.16	ng	# 1
32) Benzoic acid	9.998	122	2027	5.26	ng	92
48) 2-Nitroaniline	13.669	65	278	4.52	ng	# 39
50) Dimethylphthalate	14.063	163	239288	6.14	ng	99
51) 2,6-Dinitrotoluene	14.210	165	110	5.07	ng	94
53) 3-Nitroaniline	14.492	138	101	3.66	ng	# 48
54) 2,4-Dinitrophenol	14.686	184	25	6.53	ng	# 1
56) 4-Nitrophenol	14.786	139	133	3.76	ng	# 65
57) 2,4-Dinitrotoluene	14.969	165	276	4.28	ng	# 87
62) 4-Nitroaniline	15.680	138	47	3.64	ng	# 41
80) Butylbenzylphthalate	20.568	149	2301	4.20	ng	87

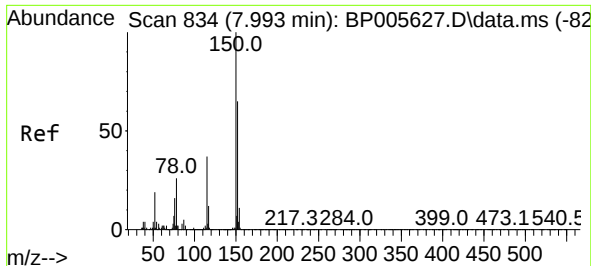
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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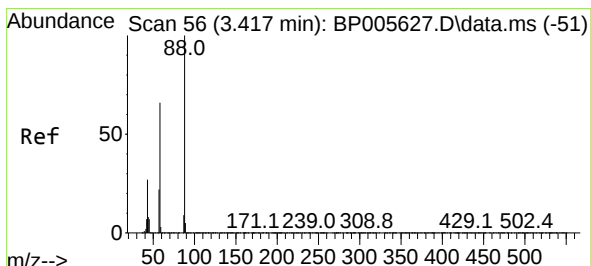
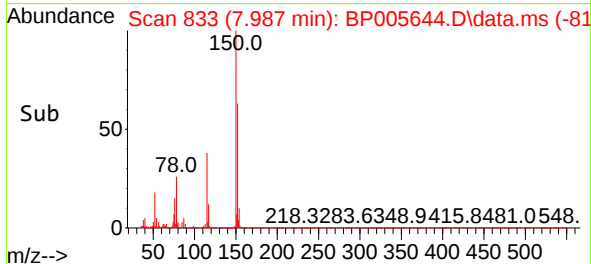
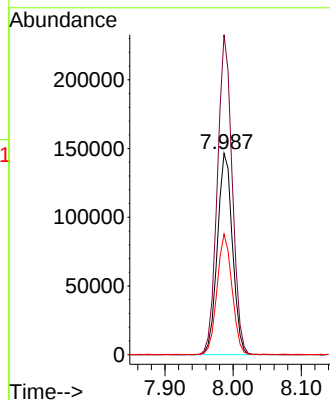
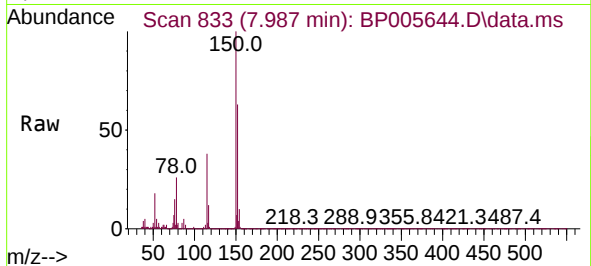




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

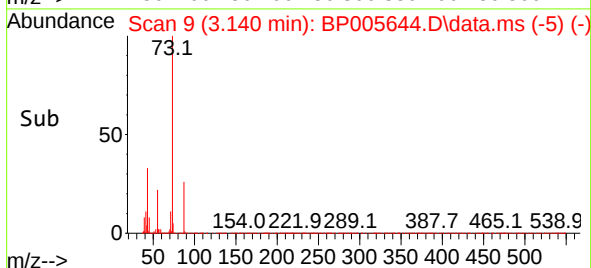
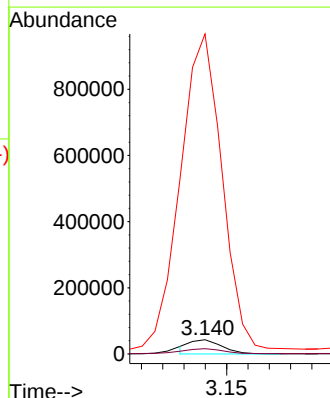
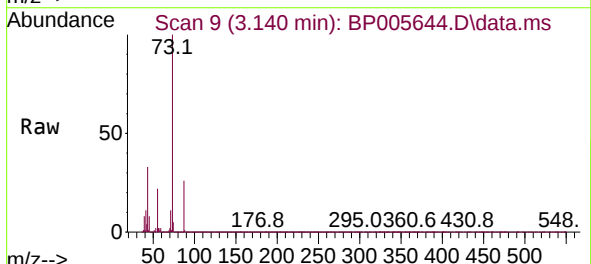
Instrument :
BNA_P
ClientSampleId :
JCSY-SP2

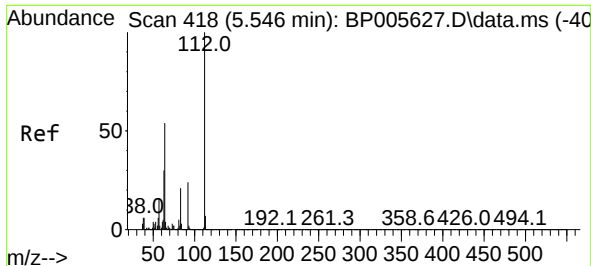
Tgt Ion:152 Resp: 225033
Ion Ratio Lower Upper
152 100
150 159.0 119.8 179.8
115 60.0 49.0 73.4



#2
1,4-Dioxane
Concen: 6.72 ng
RT: 3.140 min Scan# 9
Delta R.T. -0.277 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion: 88 Resp: 44524
Ion Ratio Lower Upper
88 100
58 34.7 42.5 63.7#
43 2271.6 19.8 29.8#

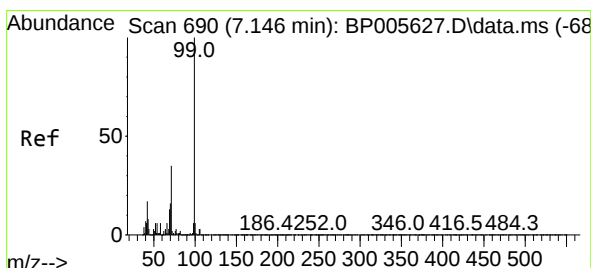
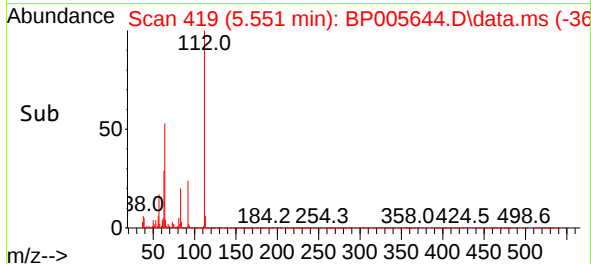
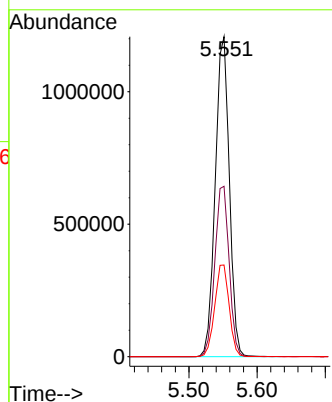
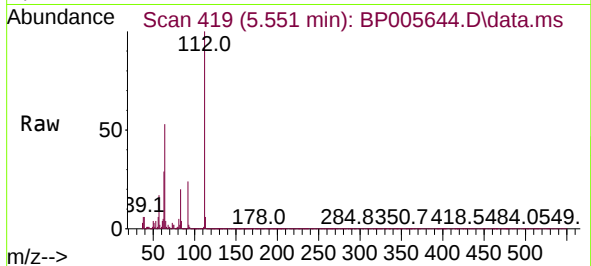




#5
2-Fluorophenol
Concen: 119.96 ng
RT: 5.551 min Scan# 419
Delta R.T. 0.005 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

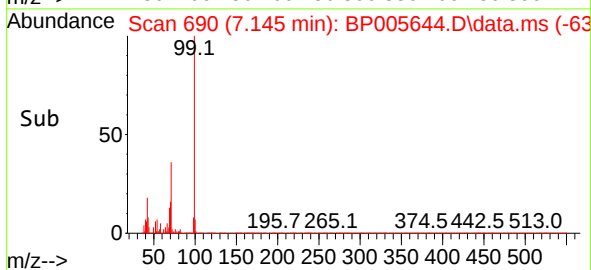
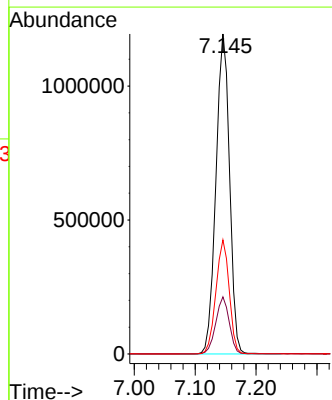
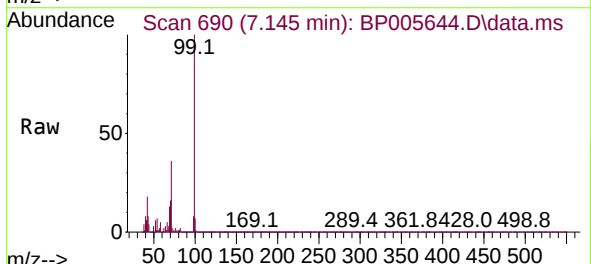
Instrument :
BNA_P
ClientSampleId :
JCSY-SP2

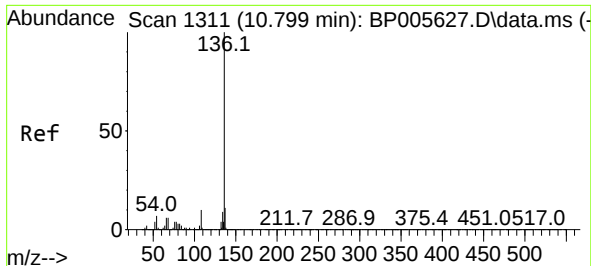
Tgt Ion:112 Resp: 1736247
Ion Ratio Lower Upper
112 100
64 53.3 33.6 50.4#
63 28.6 18.6 27.8#



#7
Phenol-d6
Concen: 93.89 ng
RT: 7.145 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion: 99 Resp: 1852633
Ion Ratio Lower Upper
99 100
42 17.8 12.9 19.3
71 35.6 26.7 40.1

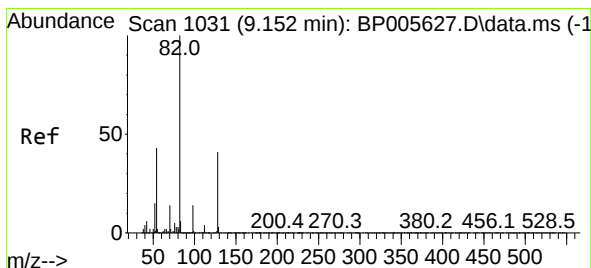
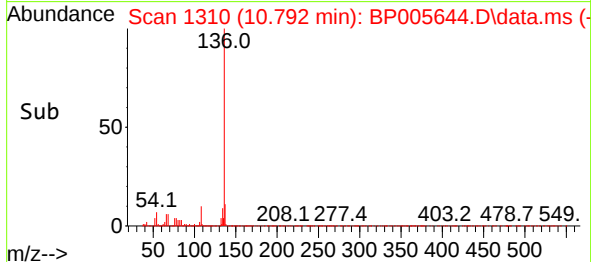
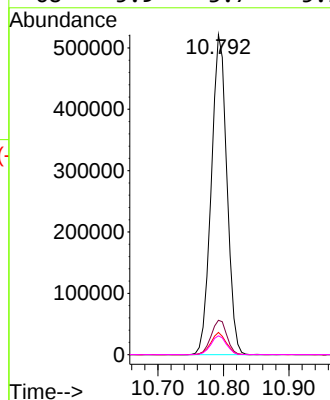
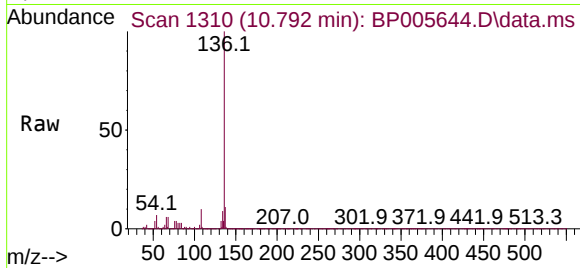




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.007 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

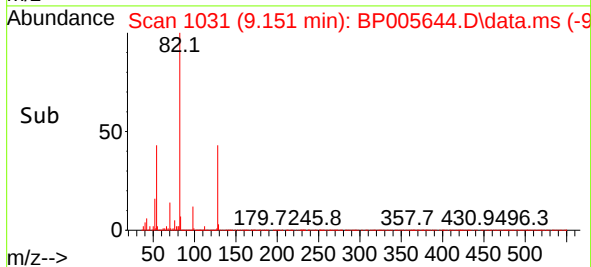
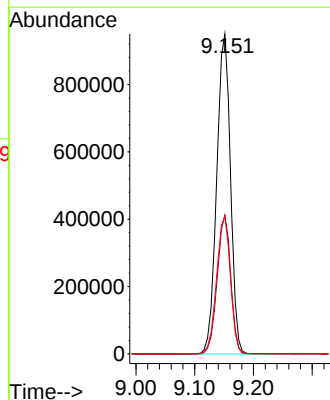
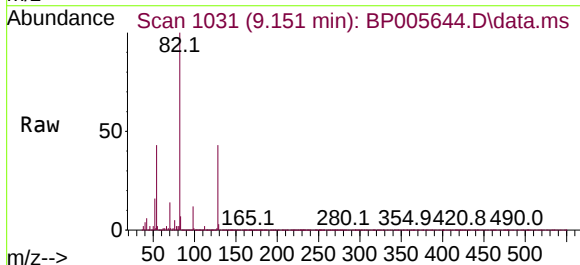
Instrument :
BNA_P
ClientSampleId :
JCSY-SP2

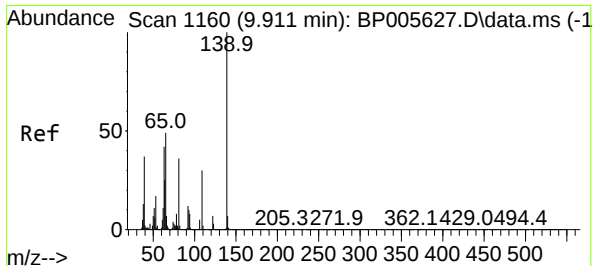
Tgt Ion:	136	Resp:	860258
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.9	5.0	7.4
68	5.9	3.7	5.5



#23
Nitrobenzene-d5
Concen: 99.95 ng
RT: 9.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:	82	Resp:	1546079
Ion Ratio	Lower	Upper	
82	100		
128	43.4	30.5	45.7
54	43.0	33.9	50.9

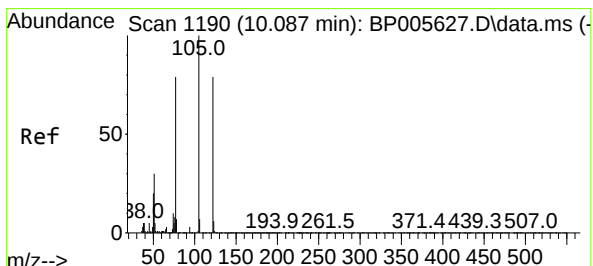
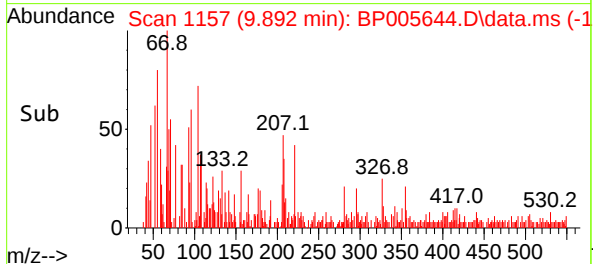
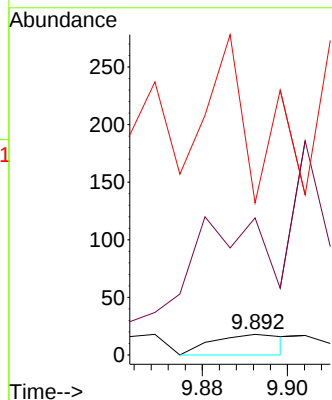
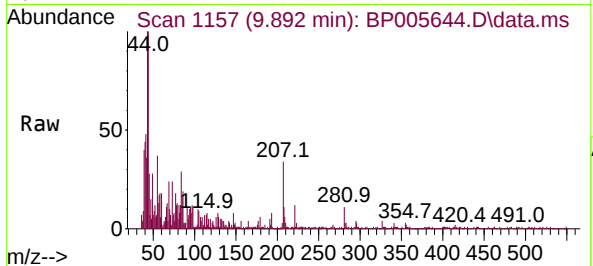




#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.892 min Scan# 1157
Delta R.T. -0.019 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

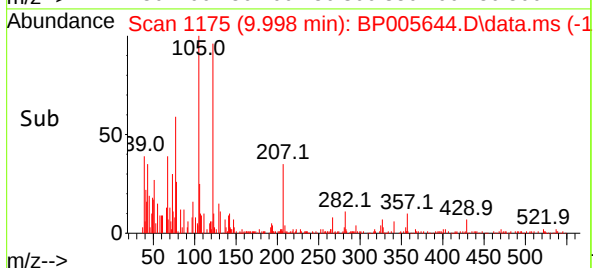
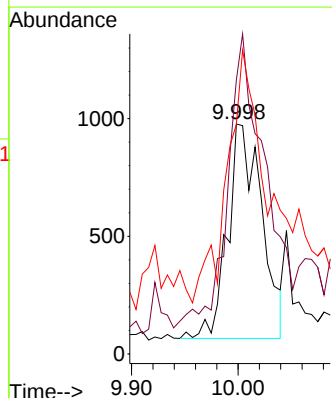
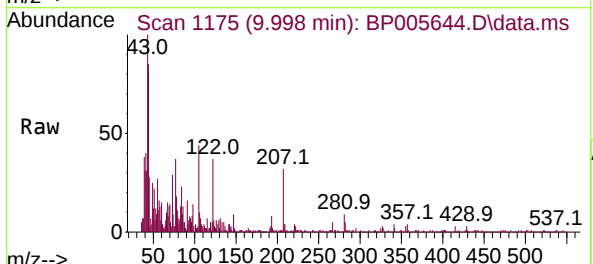
Instrument :
BNA_P
ClientSampled :
JCSY-SP2

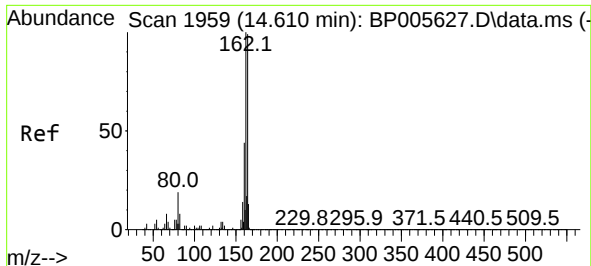
Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 350.0 40.7 61.1#
65 388.2 47.8 71.6#



#32
Benzoic acid
Concen: 5.26 ng
RT: 9.998 min Scan# 1175
Delta R.T. -0.089 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:122 Resp: 2027
Ion Ratio Lower Upper
122 100
105 119.1 105.1 145.1
77 99.9 69.6 109.6

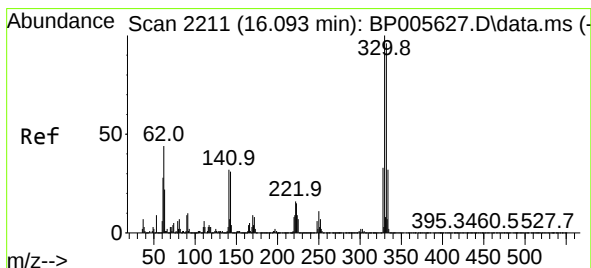
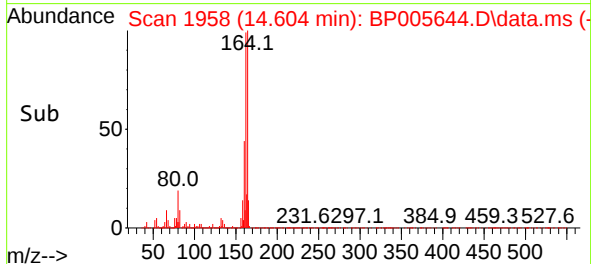
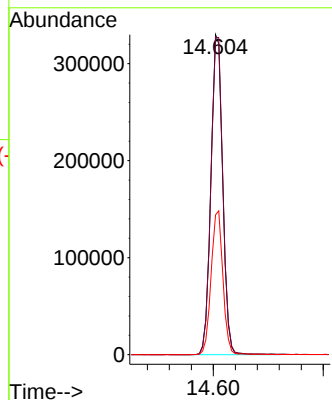
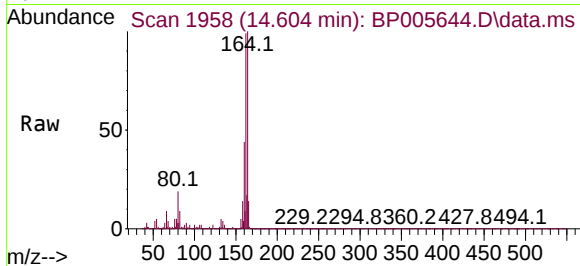




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

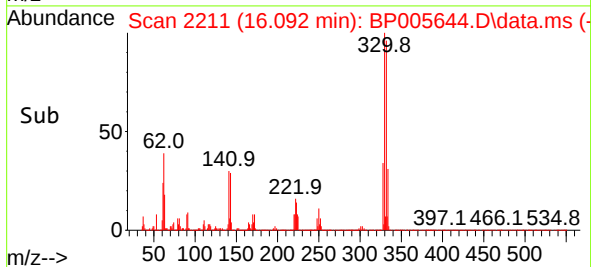
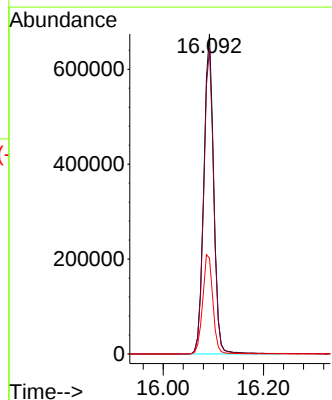
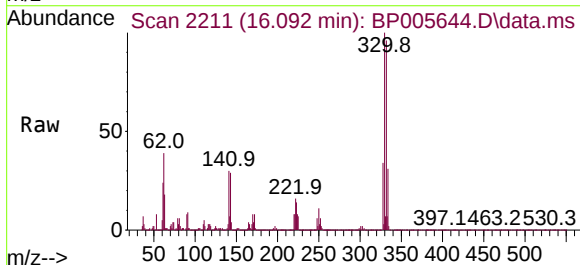
Instrument :
BNA_P
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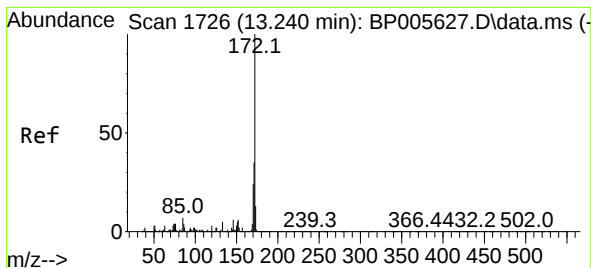
Tgt Ion:164 Resp: 489609
Ion Ratio Lower Upper
164 100
162 99.3 73.5 110.3
160 43.7 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 147.18 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:330 Resp: 924052
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 32.0 22.8 34.2

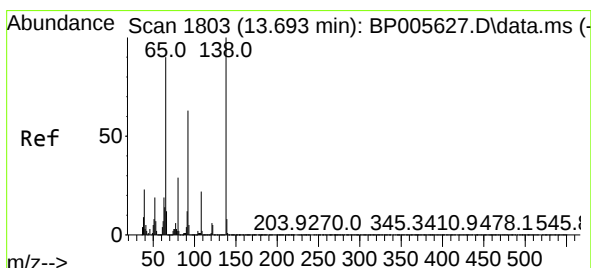
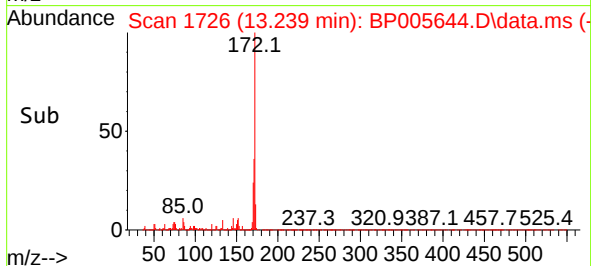
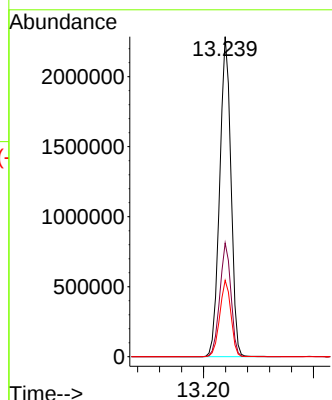
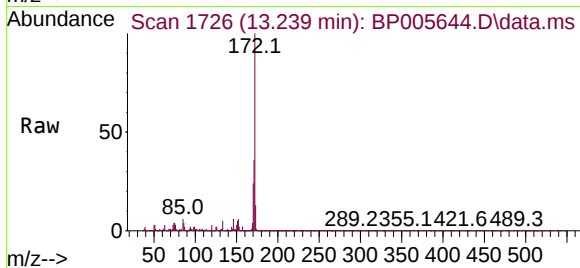




#45
2-Fluorobiphenyl
Concen: 87.84 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

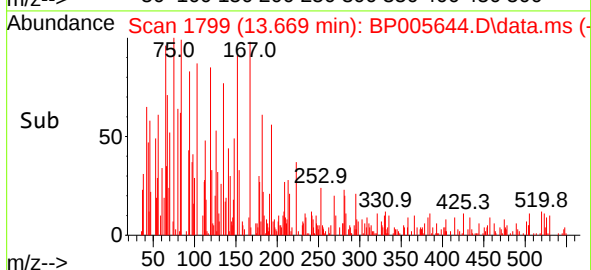
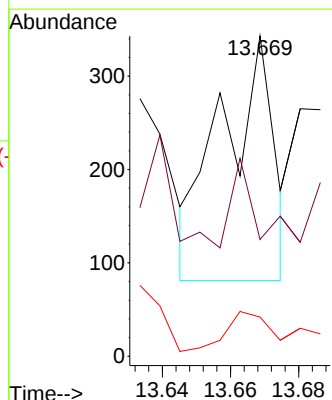
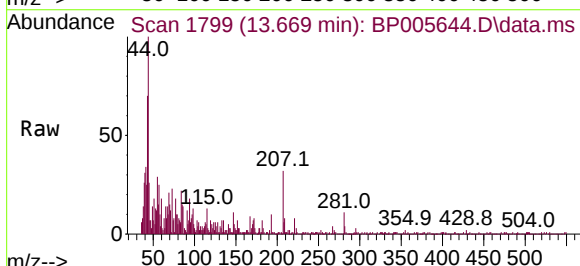
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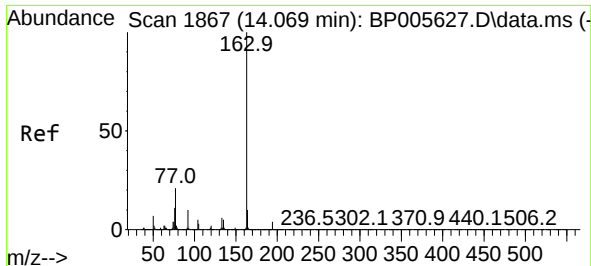
Tgt Ion:172 Resp: 3249753
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.9 19.6 29.4



#48
2-Nitroaniline
Concen: 4.52 ng
RT: 13.669 min Scan# 1799
Delta R.T. -0.024 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion: 65 Resp: 278
Ion Ratio Lower Upper
65 100
92 36.4 48.8 73.2#
138 12.2 69.5 104.3#

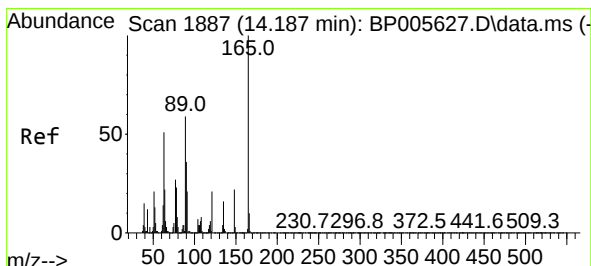
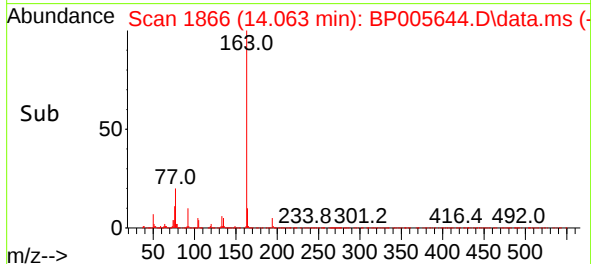
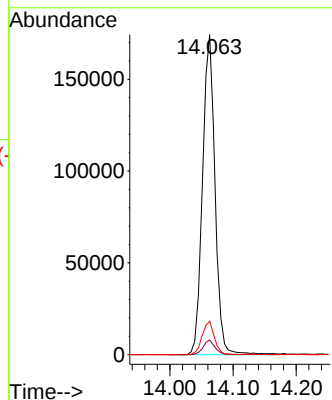
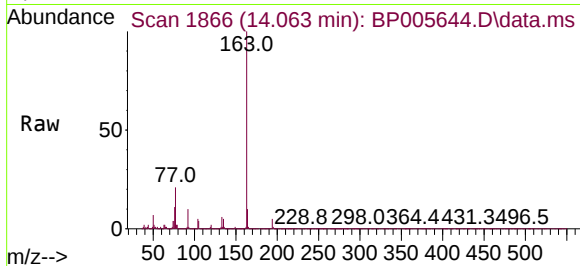




#50
Dimethylphthalate
Concen: 6.14 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

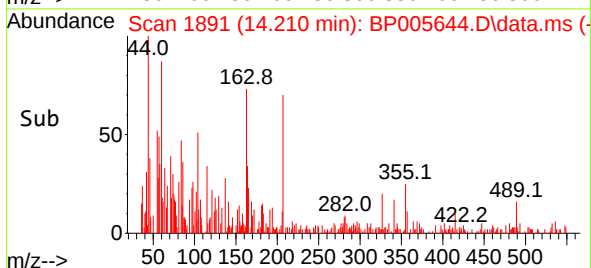
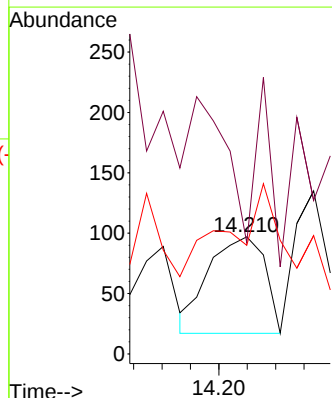
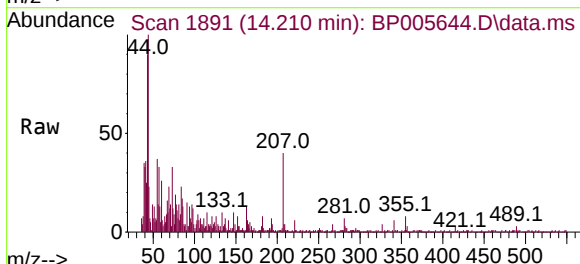
Instrument :
BNA_P
ClientSampleId :
JCSY-SP2

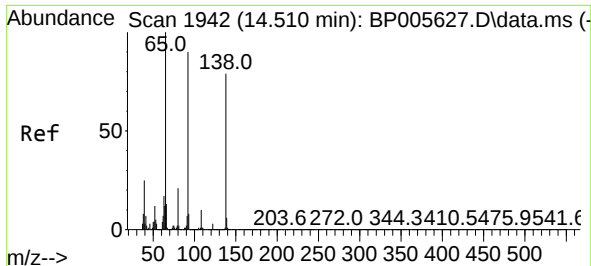
Tgt Ion:163 Resp: 239288
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.210 min Scan# 1891
Delta R.T. 0.023 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:165 Resp: 110
Ion Ratio Lower Upper
165 100
63 94.8 67.4 101.0
89 92.8 73.8 110.6

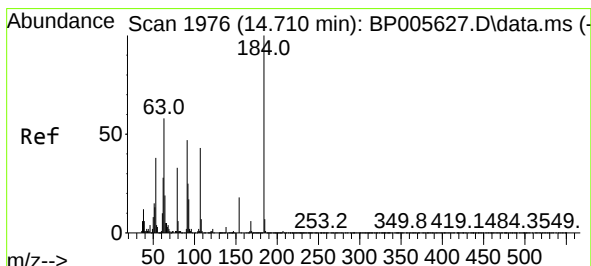
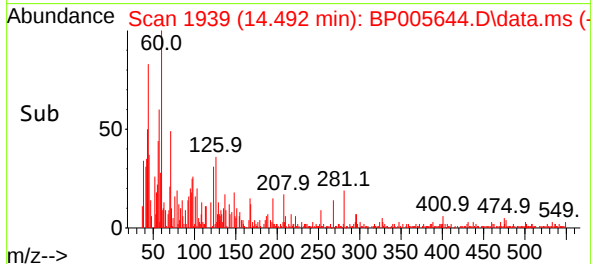
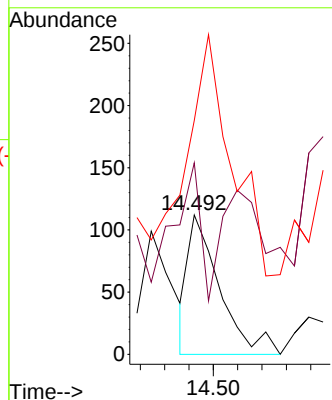
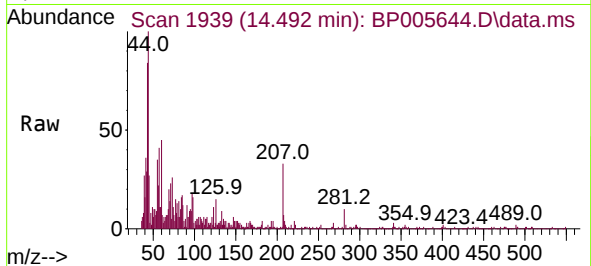




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

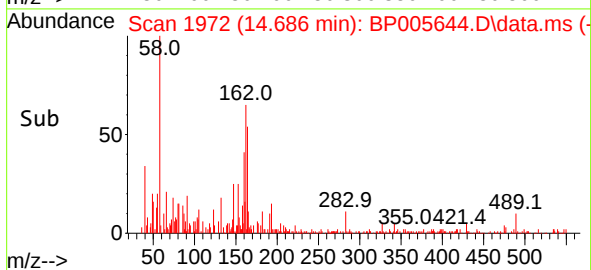
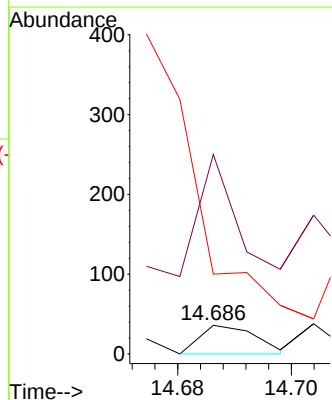
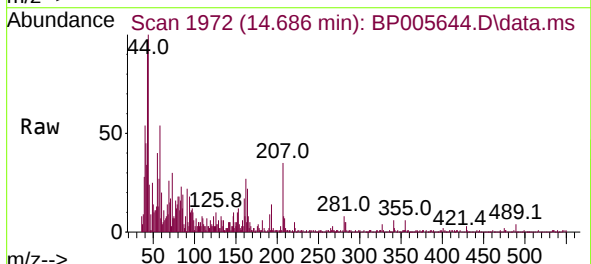
Instrument :
BNA_P
ClientSampled :
JCSY-SP2

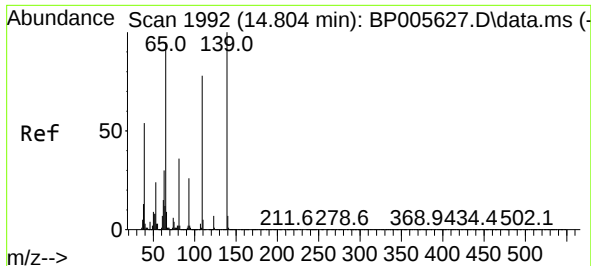
Tgt Ion:138 Resp: 101
Ion Ratio Lower Upper
138 100
108 137.5 10.2 15.4#
92 167.9 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.024 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 694.4 51.2 76.8#
154 277.8 55.8 83.8#

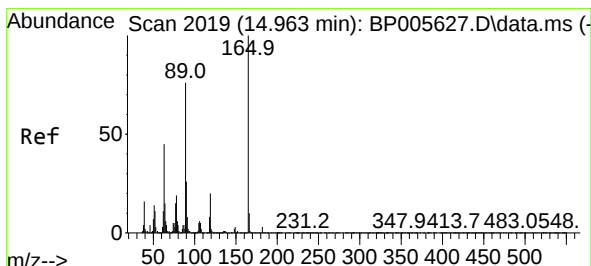
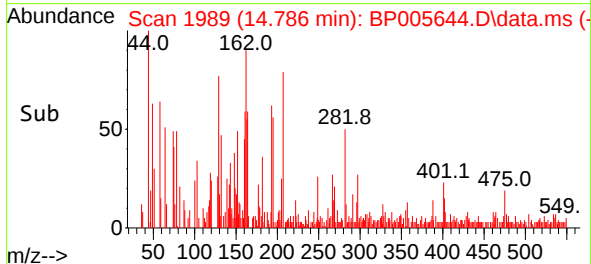
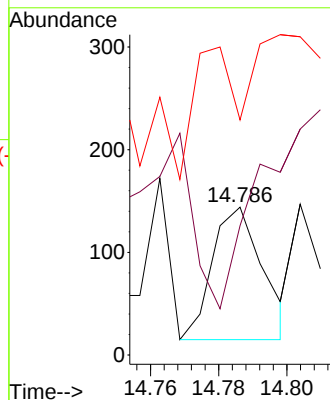
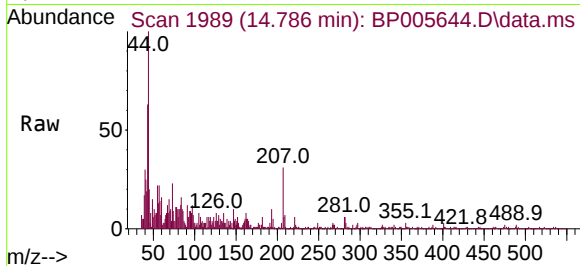




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.786 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

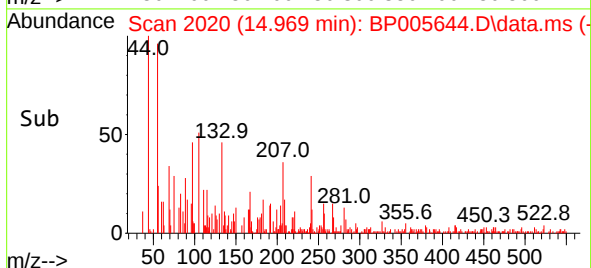
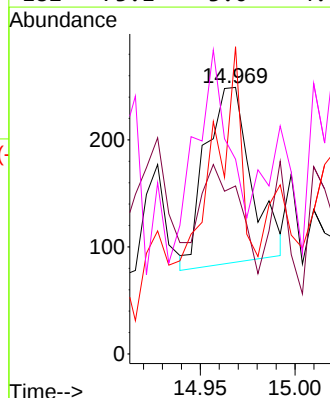
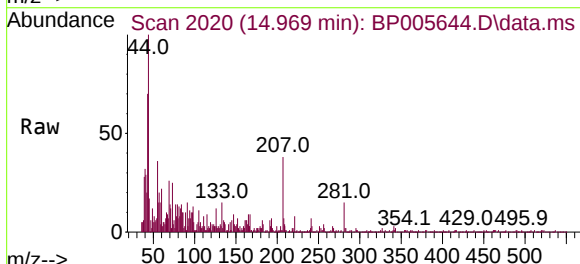
Instrument :
BNA_P
ClientSampled :
JCSY-SP2

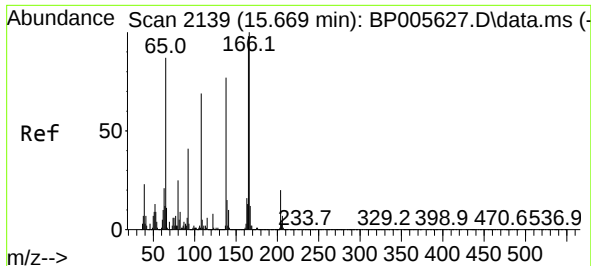
Tgt Ion:139 Resp: 133
Ion Ratio Lower Upper
139 100
109 87.5 122.8 162.8#
65 159.0 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:165 Resp: 276
Ion Ratio Lower Upper
165 100
63 63.1 56.7 85.1
89 115.3 85.8 128.6
182 73.1 3.0 4.6#

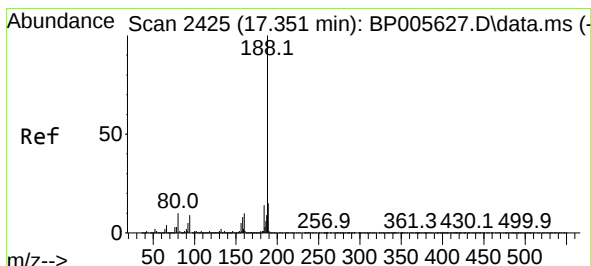
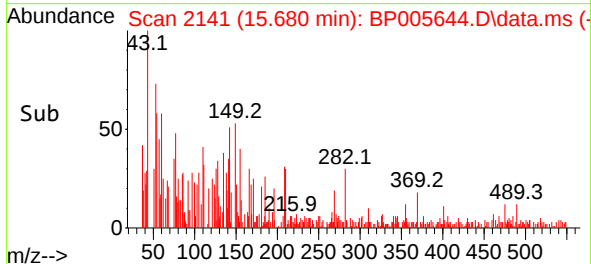
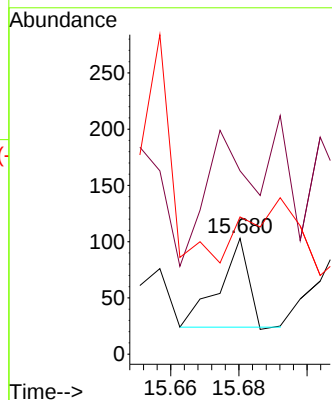
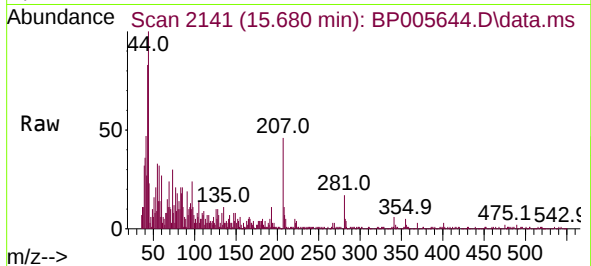




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.680 min Scan# 2141
Delta R.T. 0.011 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

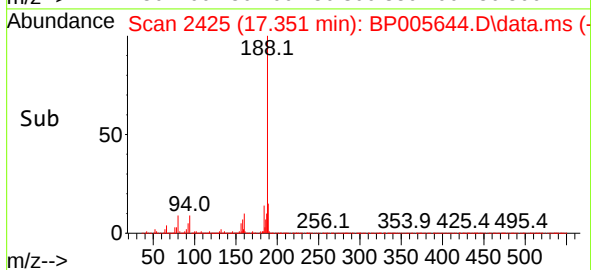
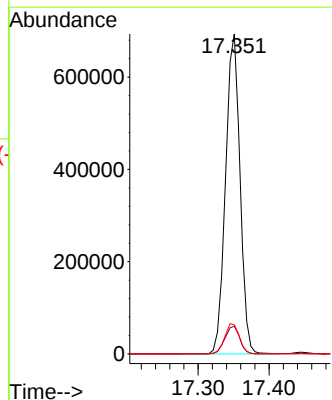
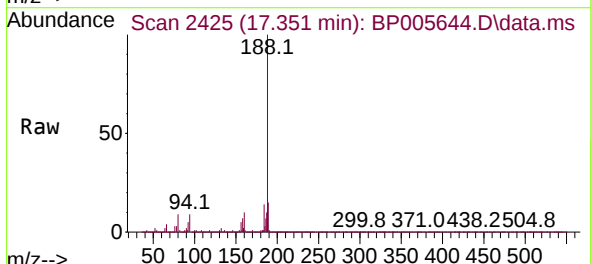
Instrument :
BNA_P
ClientSampled :
JCSY-SP2

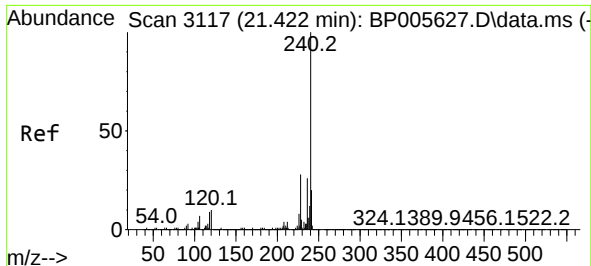
Tgt Ion:138 Resp: 47
Ion Ratio Lower Upper
138 100
92 158.3 50.9 90.9#
108 118.4 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:188 Resp: 977036
Ion Ratio Lower Upper
188 100
94 8.7 5.0 7.6#
80 9.2 5.9 8.9#

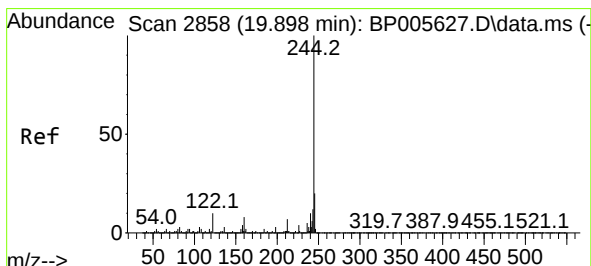
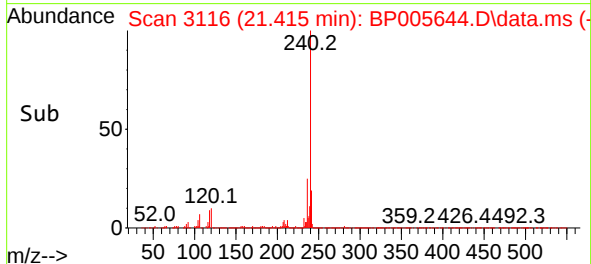
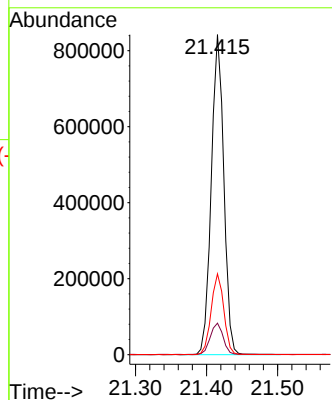
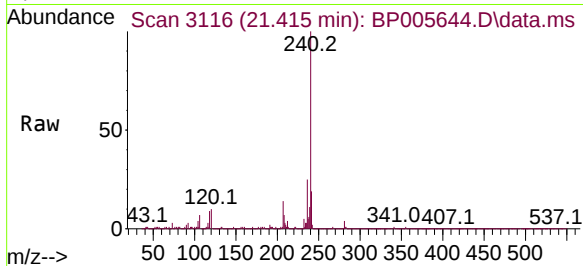




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

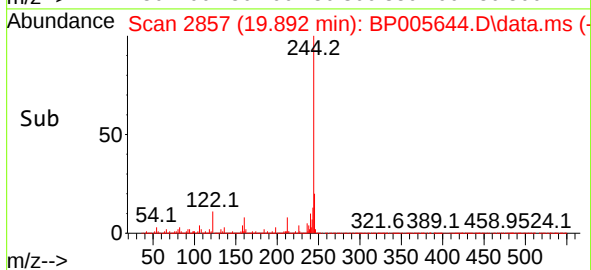
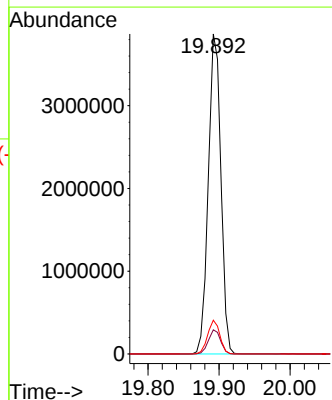
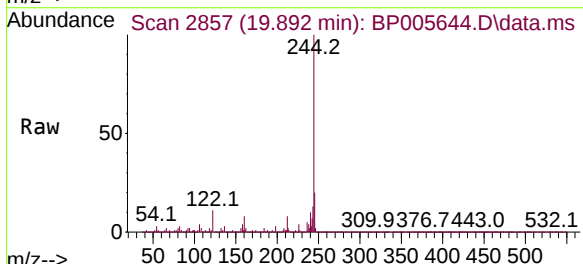
Instrument :
BNA_P
ClientSampleId :
JCSY-SP2

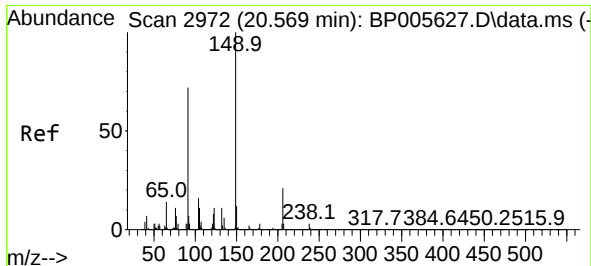
Tgt Ion:240 Resp: 1031408
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 86.63 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:244 Resp: 4761846
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.6 5.2 7.8#

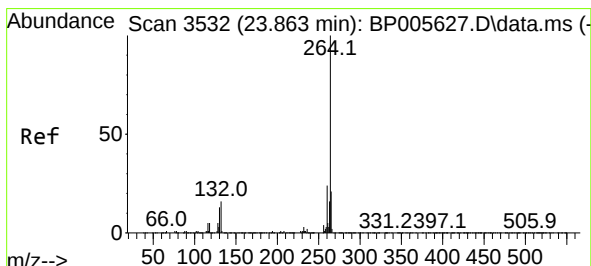
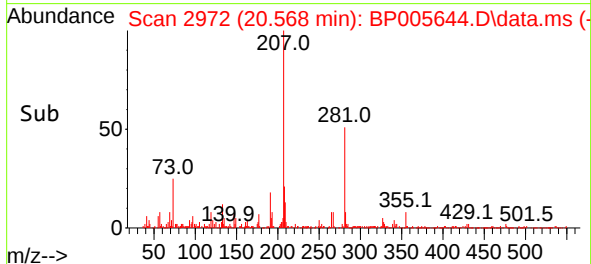
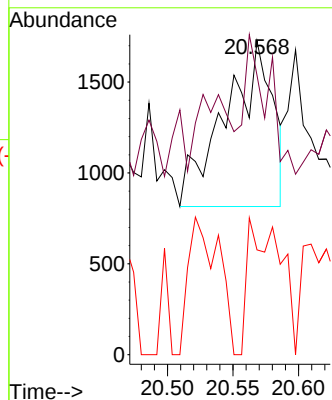
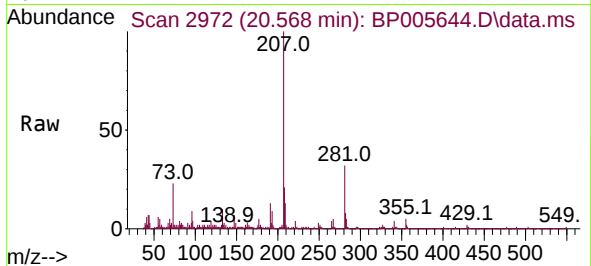




#80
Butylbenzylphthalate
Concen: 4.20 ng
RT: 20.568 min Scan# 2972
Delta R.T. -0.001 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Instrument :
BNA_P
ClientSampled :
JCSY-SP2

Tgt Ion:	149	Resp:	2301
Ion	Ratio	Lower	Upper
149	100		
91	89.0	60.2	90.4
206	33.4	23.9	35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.856 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005644.D
Acq: 28 May 2021 18:03

Tgt Ion:	264	Resp:	1223308
Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.6	30.8
265	22.0	19.0	28.6

