

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005645.D
 Acq On : 28 May 2021 18:37
 Operator : CG/JU
 Sample : M2551-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JCSY-SP3

Quant Time: May 28 22:53:30 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)

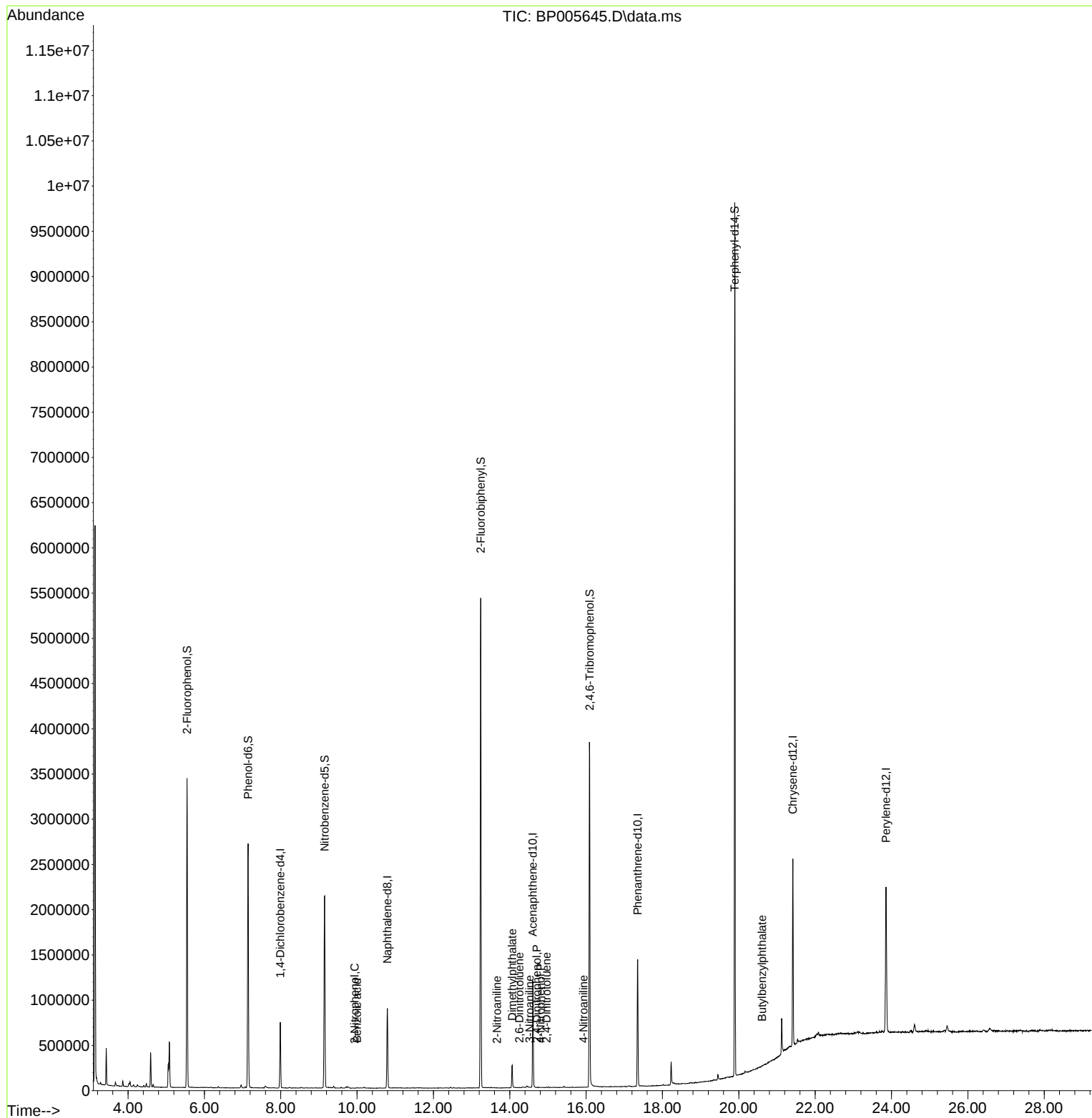
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	187284	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	707015	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	407378	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	840101	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	956998	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1160294	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1421978	118.04	ng	0.00
7) Phenol-d6	7.146	99	1494192	90.99	ng	0.00
23) Nitrobenzene-d5	9.152	82	1241942	97.69	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	757470	145.00	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2607226	84.70	ng	0.00
79) Terphenyl-d14	19.892	244	4181489	81.99	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.934	139	29	4.16	ng	# 1
32) Benzoic acid	9.999	122	2056	5.32	ng	90
48) 2-Nitroaniline	13.663	65	393	4.54	ng	# 26
50) Dimethylphthalate	14.063	163	162439	5.01	ng	99
51) 2,6-Dinitrotoluene	14.251	165	90	5.07	ng	96
53) 3-Nitroaniline	14.516	138	101	3.67	ng	# 58
54) 2,4-Dinitrophenol	14.710	184	15	6.53	ng	# 1
56) 4-Nitrophenol	14.810	139	156	3.77	ng	# 27
57) 2,4-Dinitrotoluene	14.963	165	501	4.31	ng	# 56
62) 4-Nitroaniline	15.934	138	56	3.64	ng	99
80) Butylbenzylphthalate	20.610	149	341	4.14	ng	86

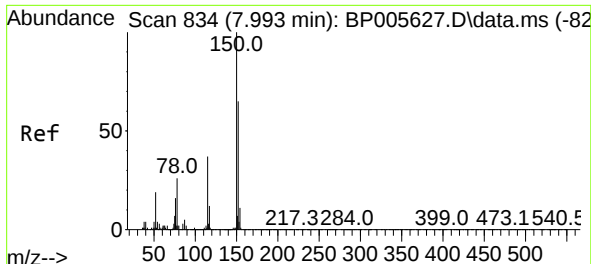
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005645.D
Acq On : 28 May 2021 18:37
Operator : CG/JU
Sample : M2551-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

Quant Time: May 28 22:53:30 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

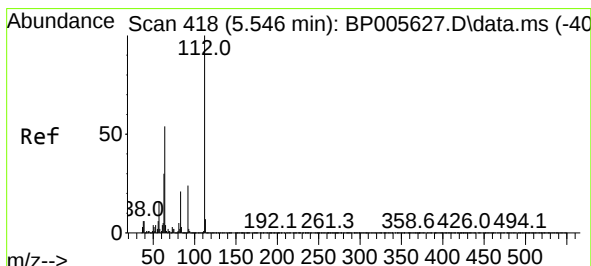
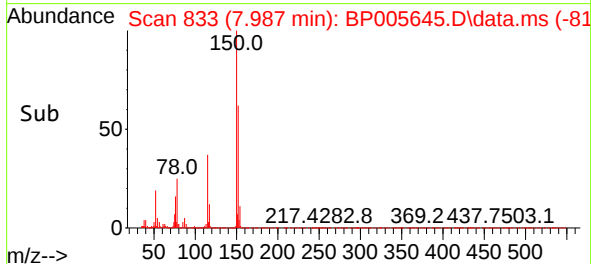
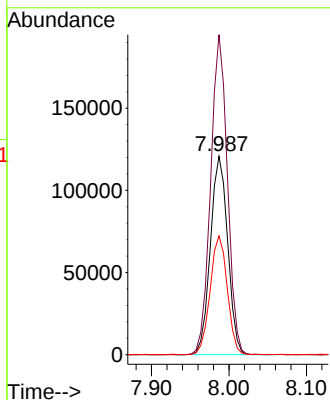
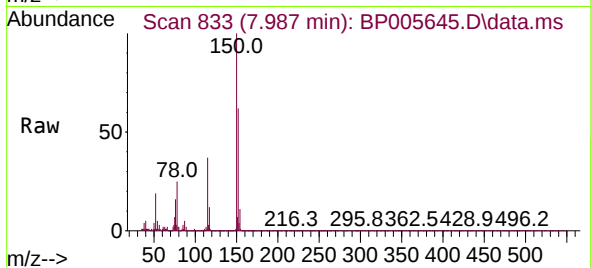




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

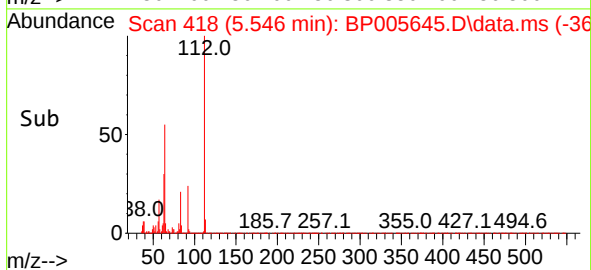
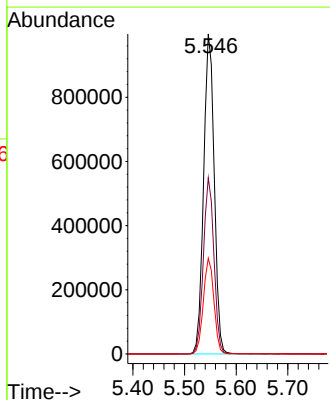
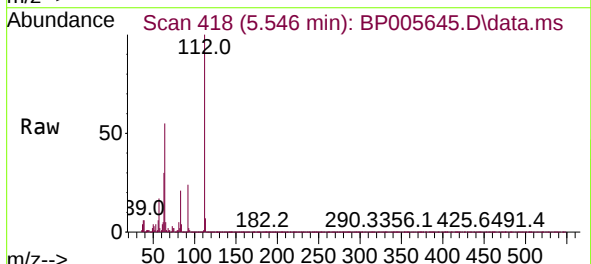
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

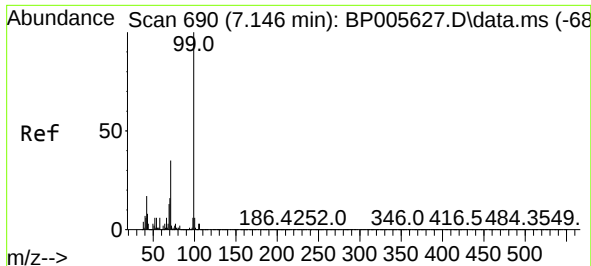
Tgt Ion:152 Resp: 187284
Ion Ratio Lower Upper
152 100
150 161.3 119.8 179.8
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 118.04 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:112 Resp: 1421978
Ion Ratio Lower Upper
112 100
64 55.1 33.6 50.4#
63 29.9 18.6 27.8#

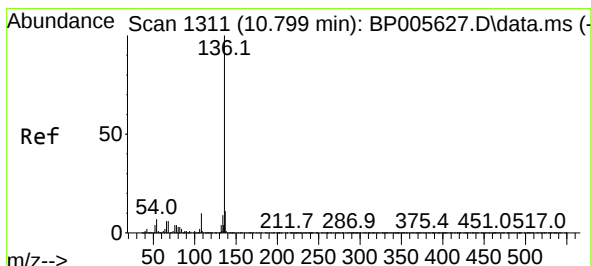
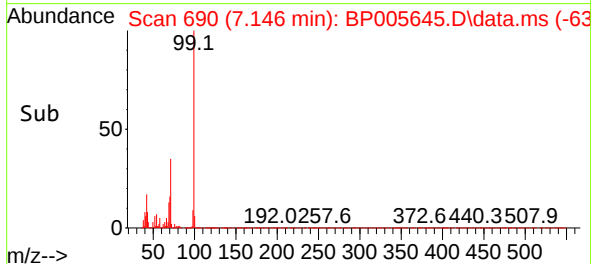
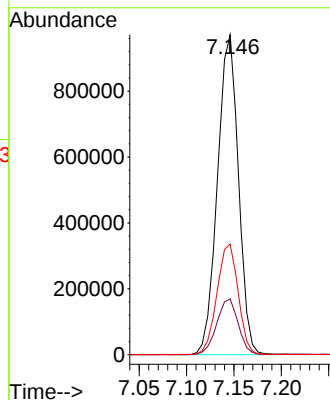
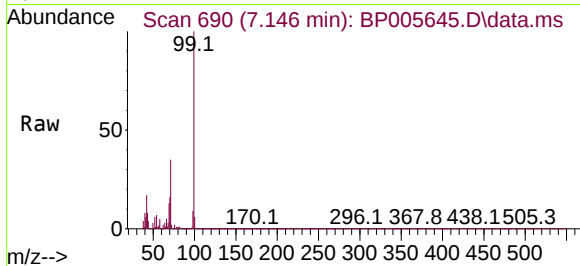




#7
Phenol-d6
Concen: 90.99 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

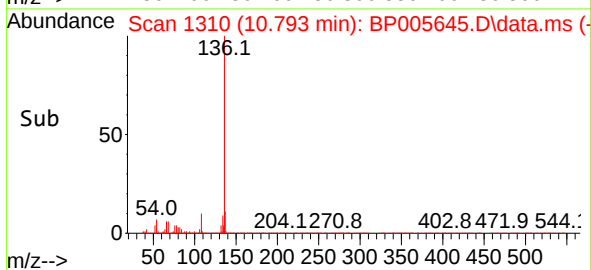
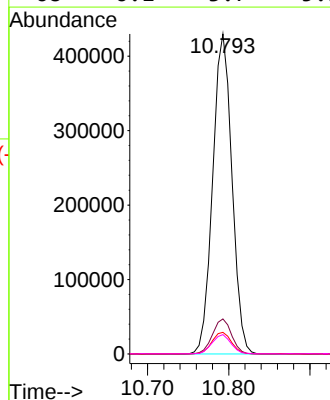
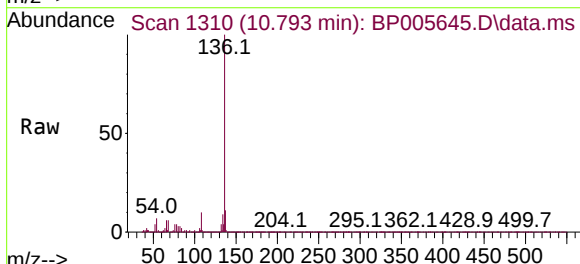
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

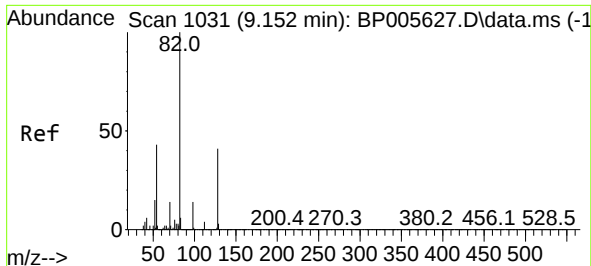
Tgt Ion: 99 Resp: 1494192
Ion Ratio Lower Upper
99 100
42 17.4 12.9 19.3
71 34.6 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:136 Resp: 707015
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.7 5.0 7.4
68 6.1 3.7 5.5#

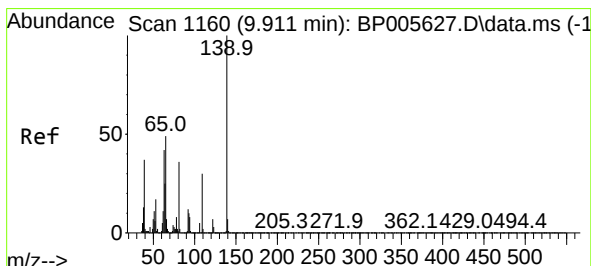
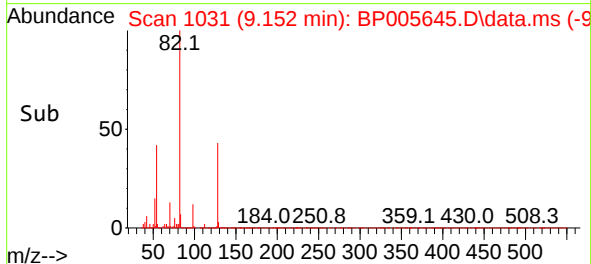
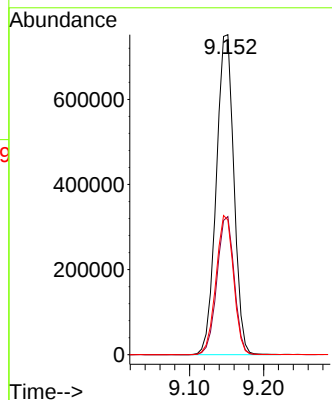
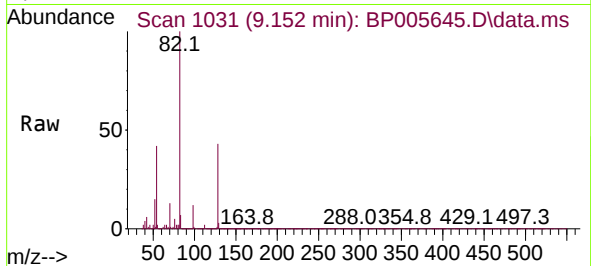




#23
Nitrobenzene-d5
Concen: 97.69 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

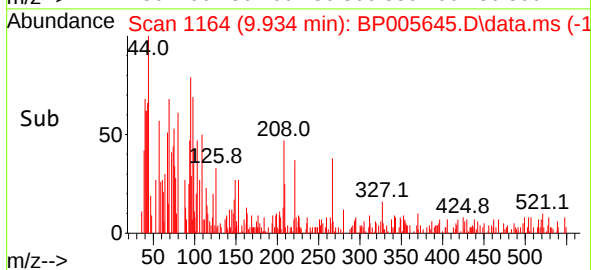
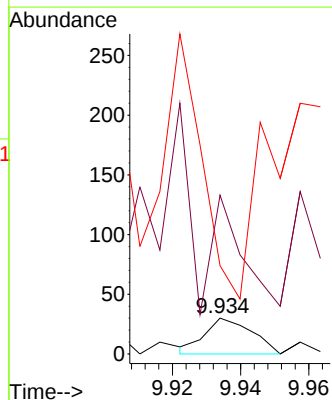
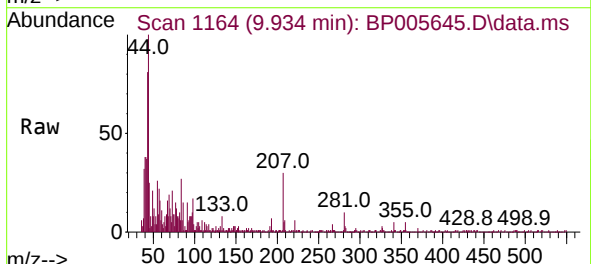
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

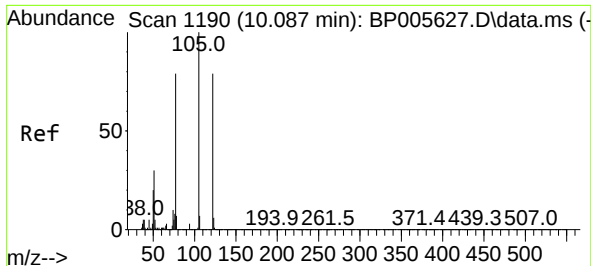
Tgt Ion: 82 Resp: 1241942
Ion Ratio Lower Upper
82 100
128 43.1 30.5 45.7
54 42.1 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.934 min Scan# 1164
Delta R.T. 0.023 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:139 Resp: 29
Ion Ratio Lower Upper
139 100
109 443.3 40.7 61.1#
65 246.7 47.8 71.6#

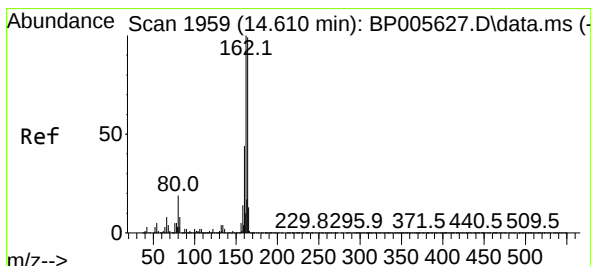
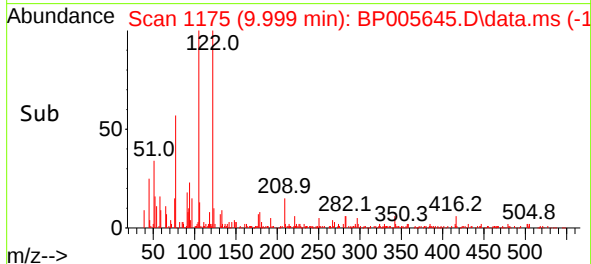
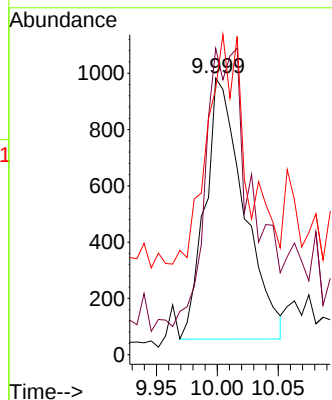
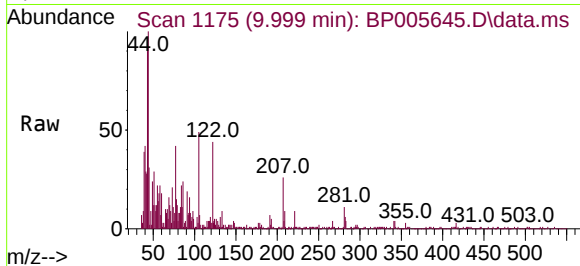




#32
Benzoic acid
Concen: 5.32 ng
RT: 9.999 min Scan# 1175
Delta R.T. -0.088 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

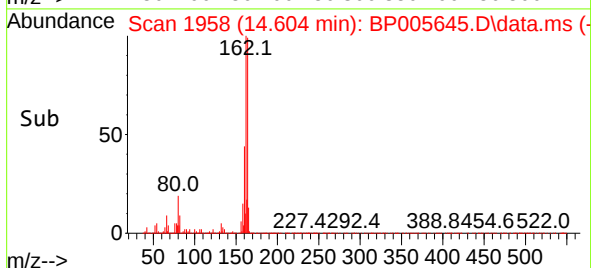
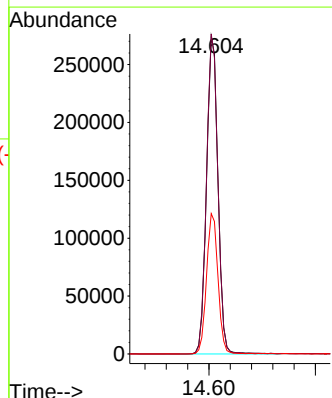
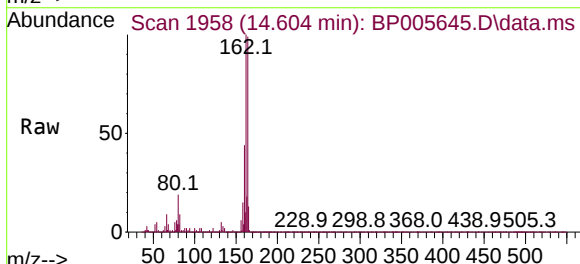
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

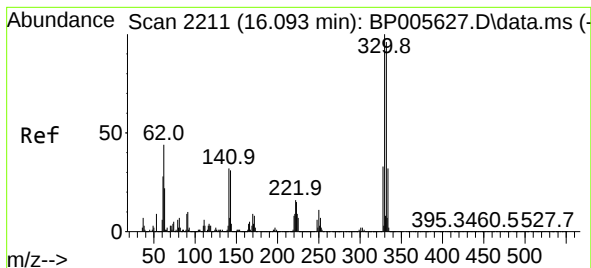
Tgt Ion:122 Resp: 2056
Ion Ratio Lower Upper
122 100
105 110.7 105.1 145.1
77 96.2 69.6 109.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:164 Resp: 407378
Ion Ratio Lower Upper
164 100
162 100.8 73.5 110.3
160 44.2 40.6 61.0

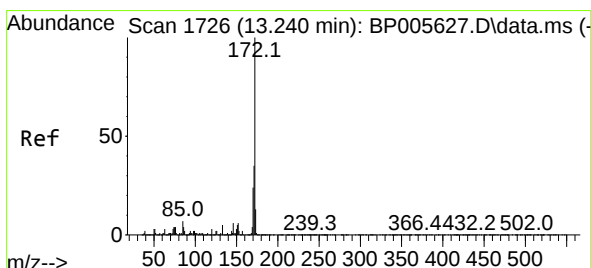
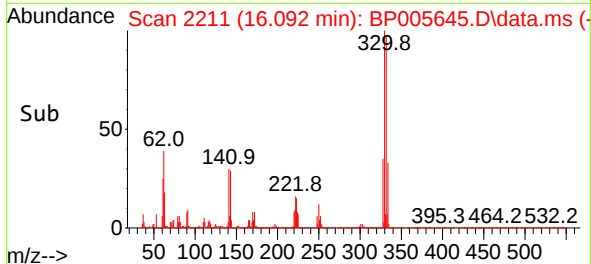
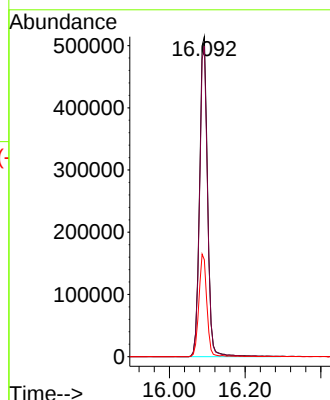
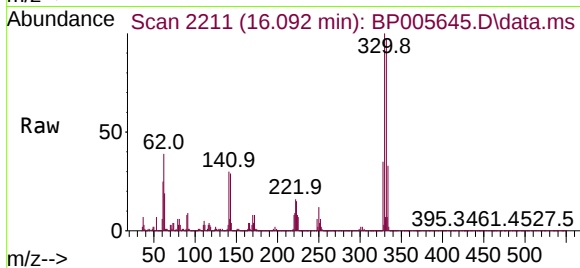




#42
2,4,6-Tribromophenol
Concen: 145.00 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

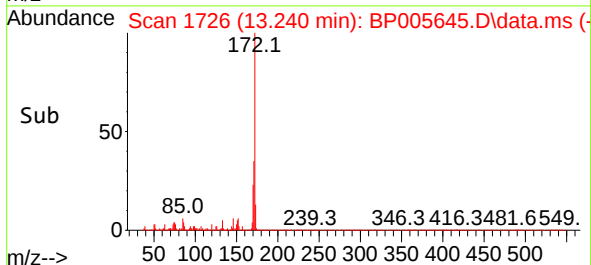
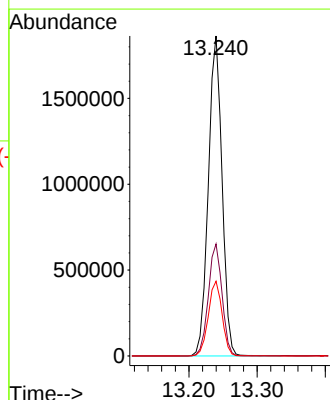
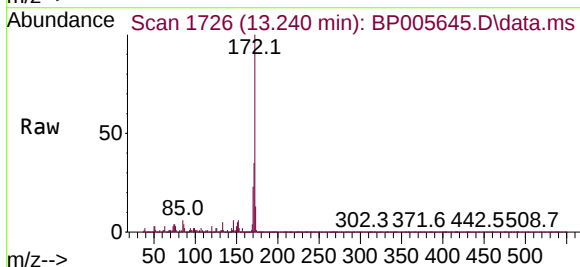
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

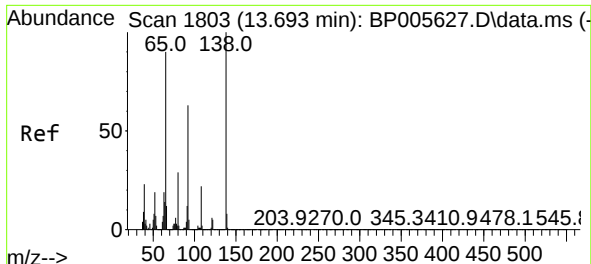
Tgt Ion:330 Resp: 757470
Ion Ratio Lower Upper
330 100
332 96.0 76.3 114.5
141 32.0 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 84.70 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:172 Resp: 2607226
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 19.6 29.4

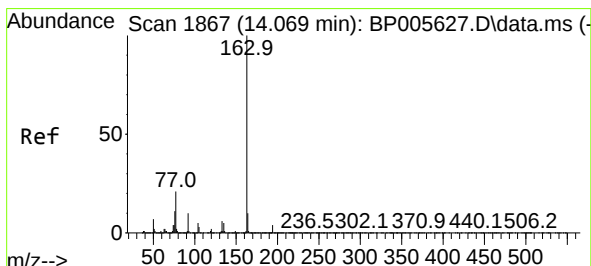
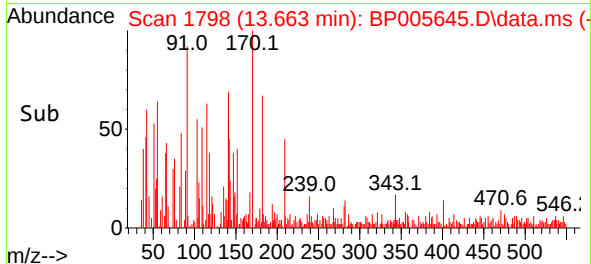
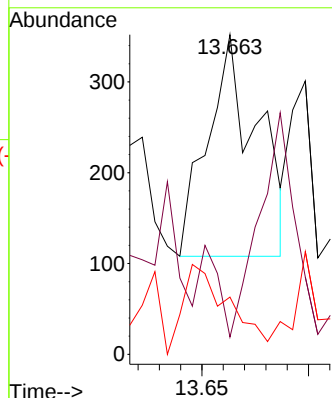
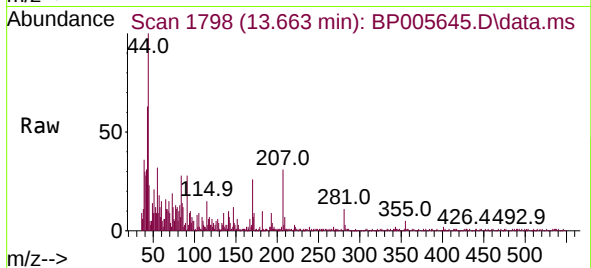




#48
2-Nitroaniline
Concen: 4.54 ng
RT: 13.663 min Scan# 1798
Delta R.T. -0.030 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

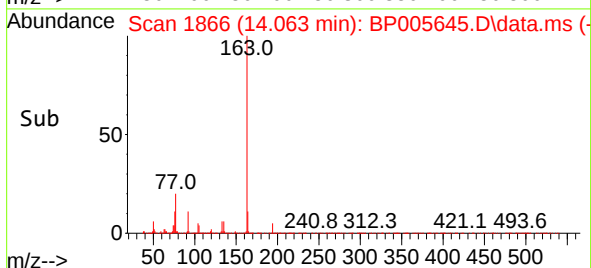
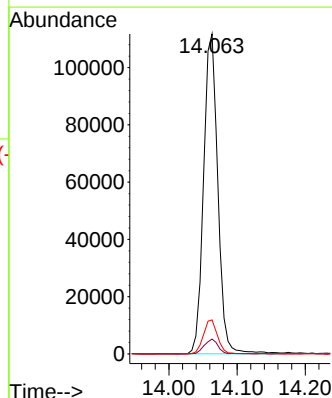
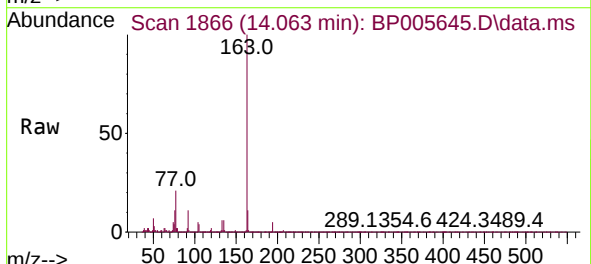
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

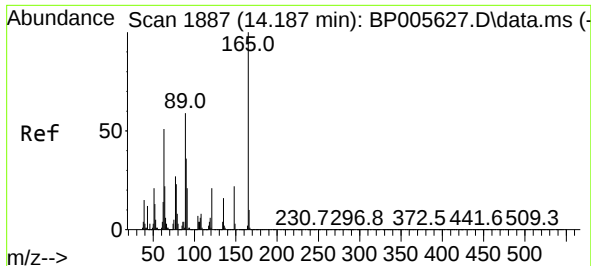
Tgt Ion: 65 Resp: 393
Ion Ratio Lower Upper
65 100
92 5.4 48.8 73.2#
138 17.9 69.5 104.3#



#50
Dimethylphthalate
Concen: 5.01 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion: 163 Resp: 162439
Ion Ratio Lower Upper
163 100
194 4.7 3.9 5.9
164 10.6 8.1 12.1

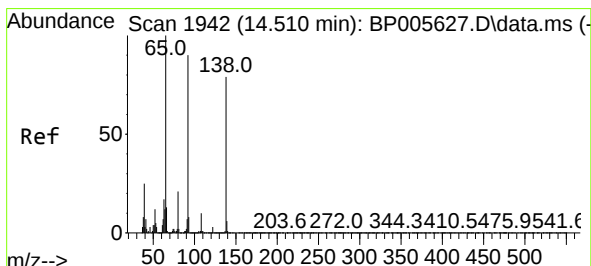
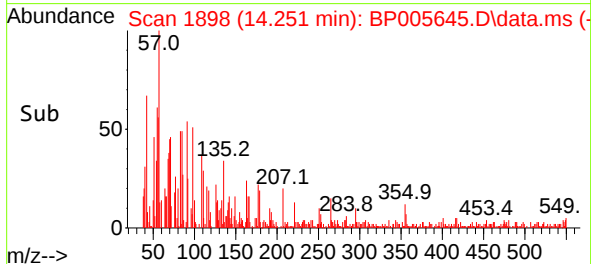
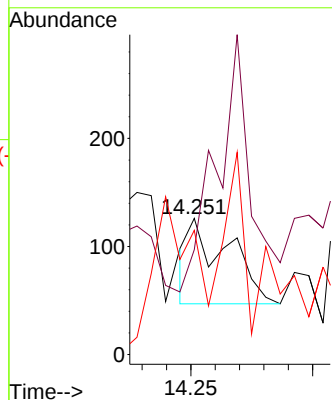
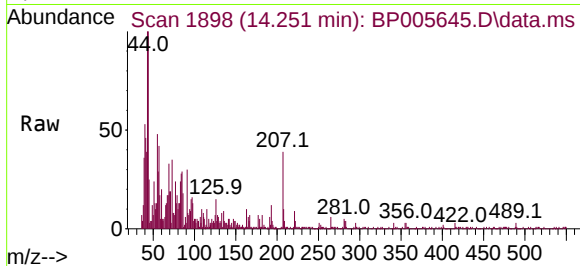




#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.251 min Scan# 1898
Delta R.T. 0.064 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

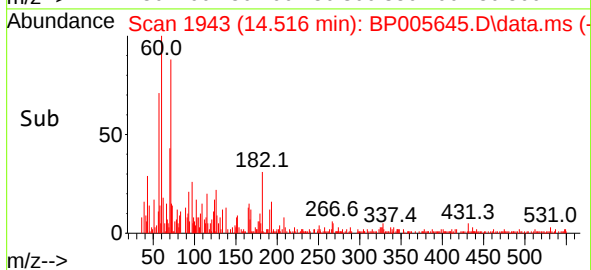
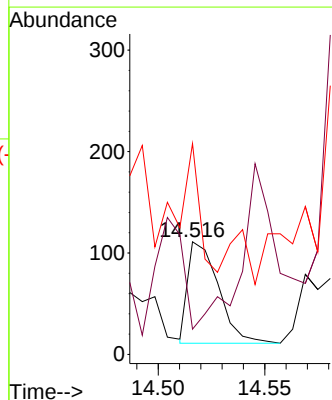
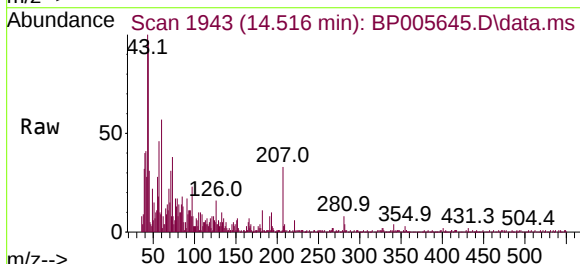
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

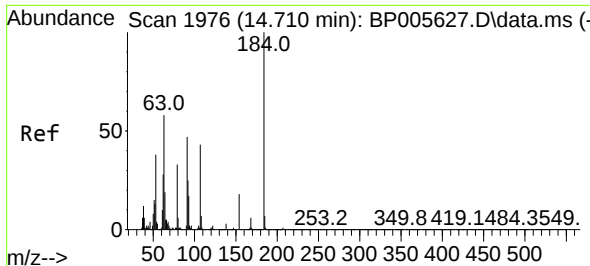
Tgt Ion:165 Resp: 90
Ion Ratio Lower Upper
165 100
63 77.0 67.4 101.0
89 91.3 73.8 110.6



#53
3-Nitroaniline
Concen: 3.67 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:138 Resp: 101
Ion Ratio Lower Upper
138 100
108 22.5 10.2 15.4#
92 187.4 108.1 162.1#

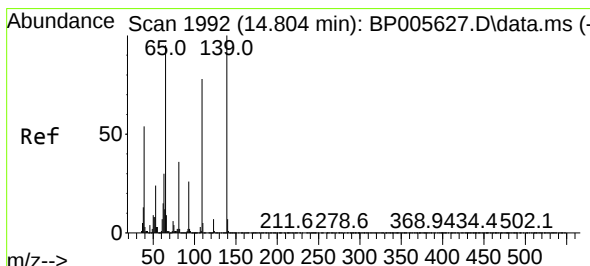
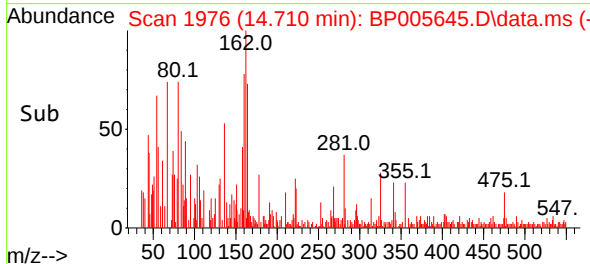
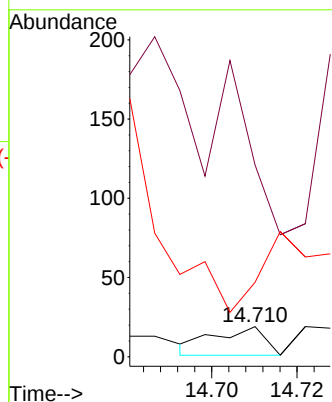
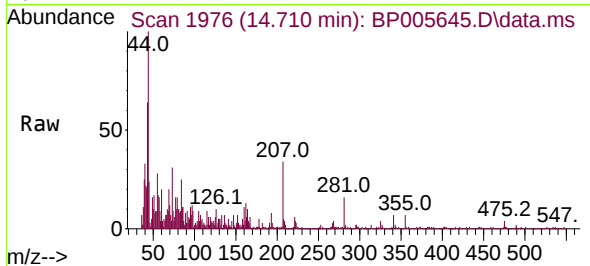




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

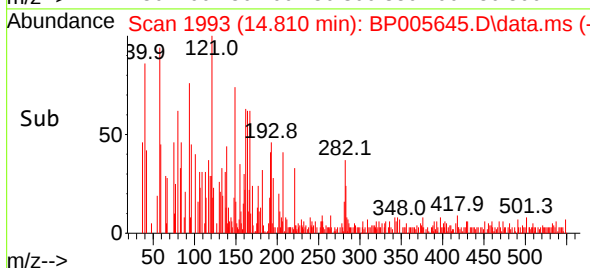
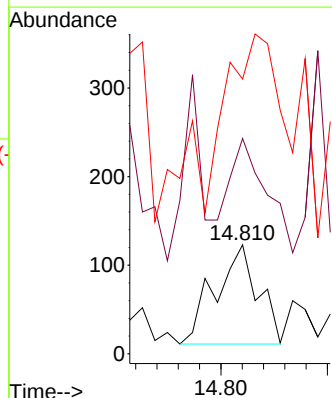
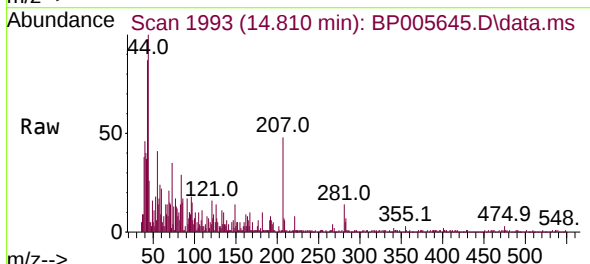
Instrument :
BNA_P
ClientSampled :
JCSY-SP3

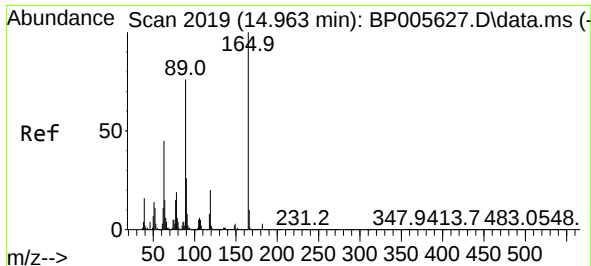
Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 636.8 51.2 76.8#
154 247.4 55.8 83.8#



#56
4-Nitrophenol
Concen: 3.77 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:139 Resp: 156
Ion Ratio Lower Upper
139 100
109 197.6 122.8 162.8#
65 252.0 110.0 150.0#

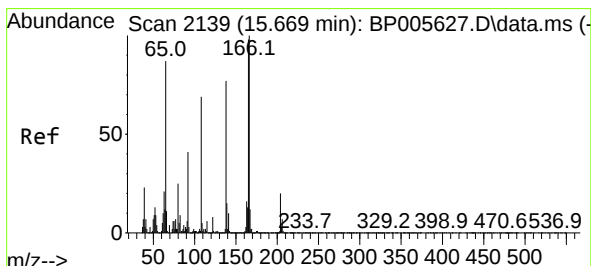
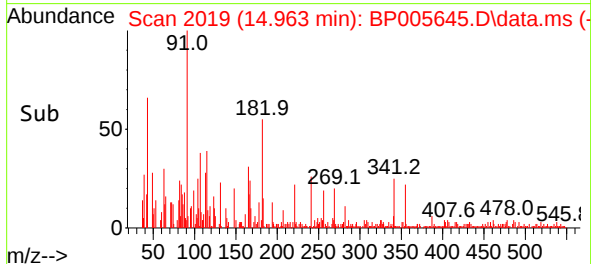
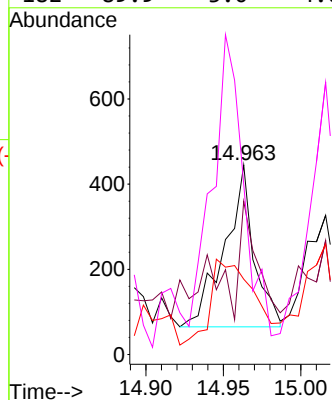
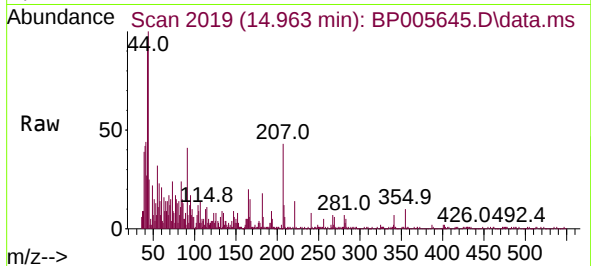




#57
2,4-Dinitrotoluene
Concen: 4.31 ng
RT: 14.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

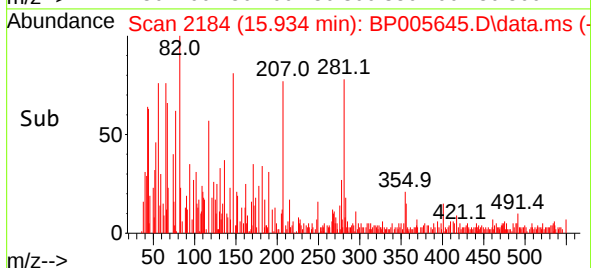
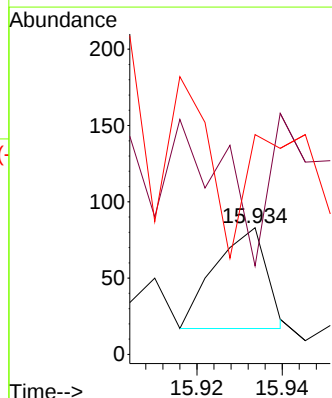
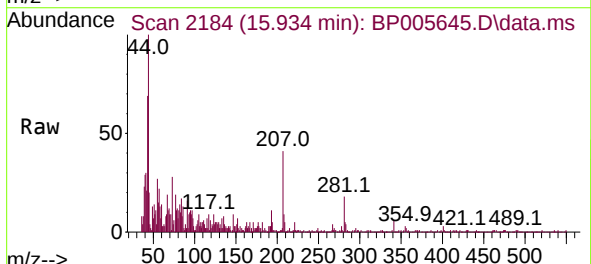
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

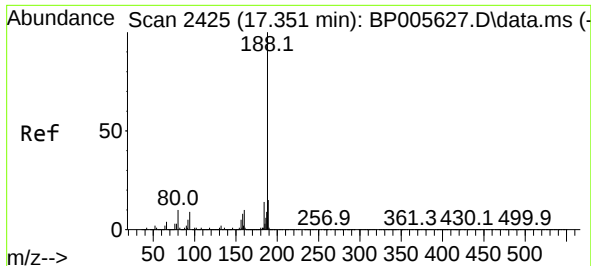
Tgt Ion:165 Resp: 501
Ion Ratio Lower Upper
165 100
63 80.9 56.7 85.1
89 47.9 85.8 128.6#
182 89.9 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.934 min Scan# 2184
Delta R.T. 0.265 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
92 69.9 50.9 90.9
108 173.5 154.7 194.7

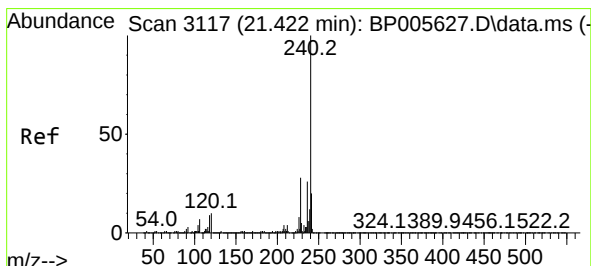
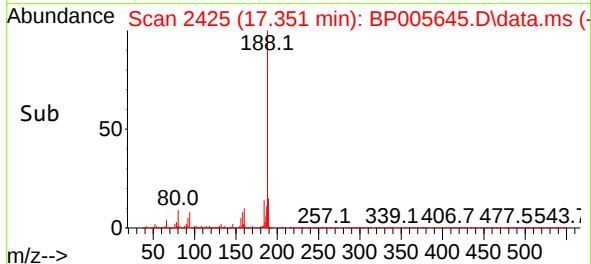
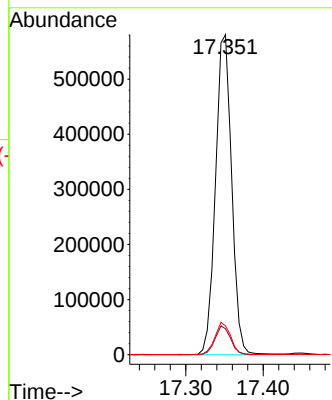
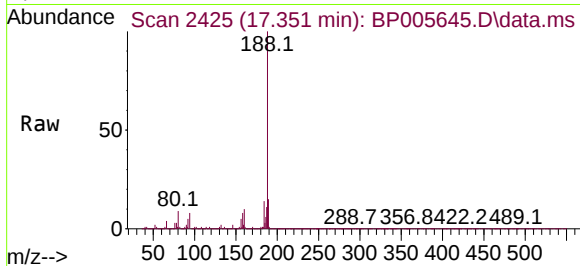




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

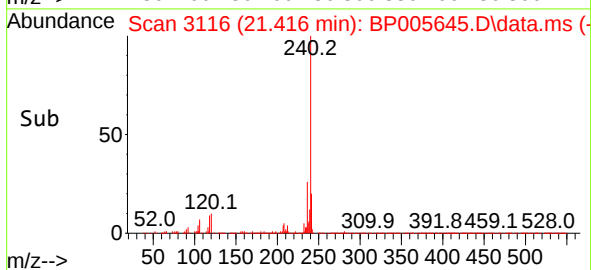
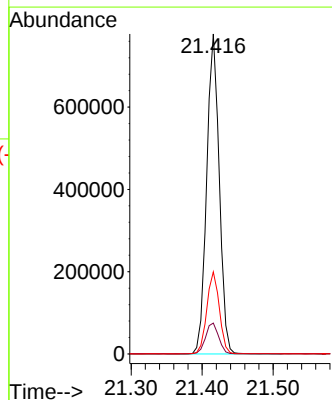
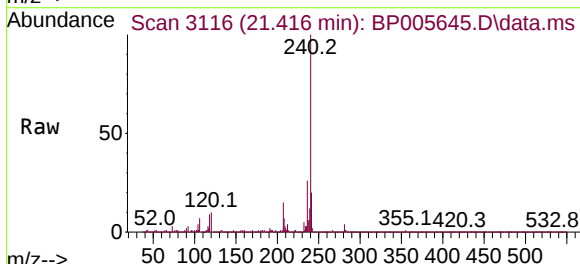
Instrument :
BNA_P
ClientSampleId :
JCSY-SP3

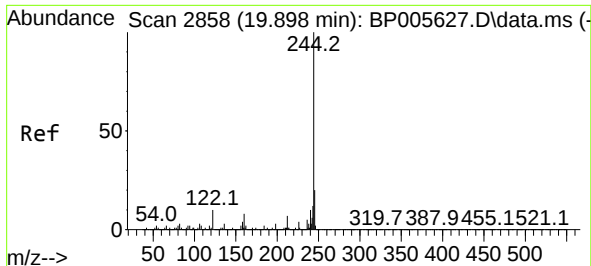
Tgt Ion:188 Resp: 840101
Ion Ratio Lower Upper
188 100
94 8.1 5.0 7.6#
80 9.0 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005645.D
Acq: 28 May 2021 18:37

Tgt Ion:240 Resp: 956998
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 25.6 20.2 30.2

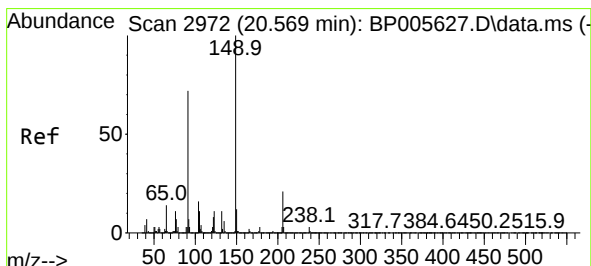
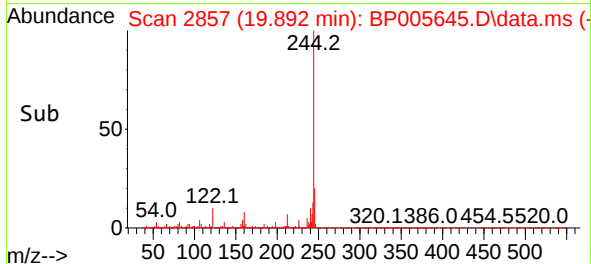
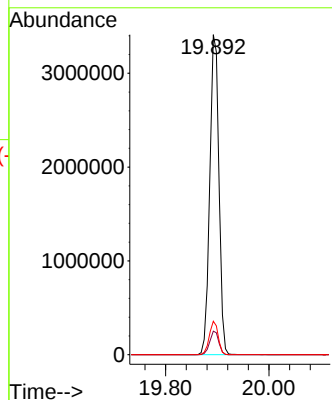
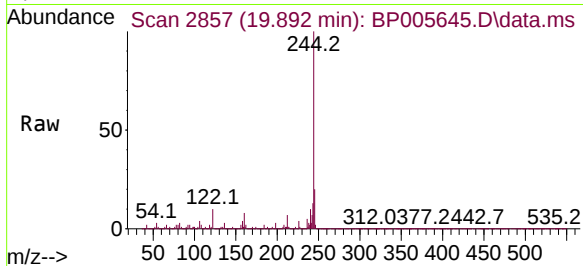




#79
 Terphenyl-d14
 Concen: 81.99 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005645.D
 Acq: 28 May 2021 18:37

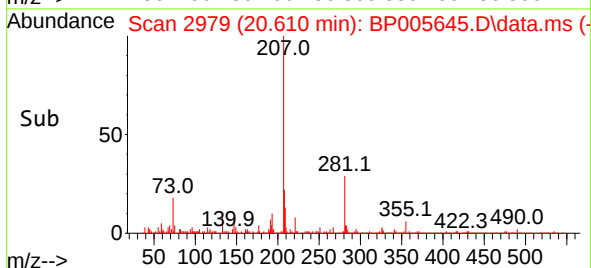
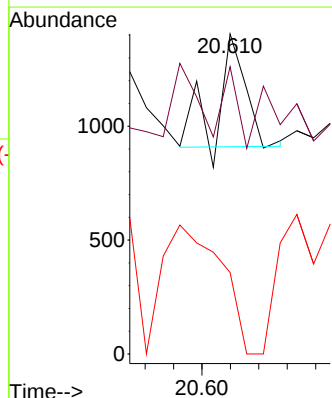
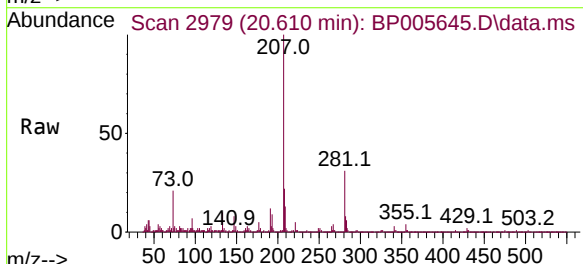
Instrument :
 BNA_P
 ClientSampleId :
 JCSY-SP3

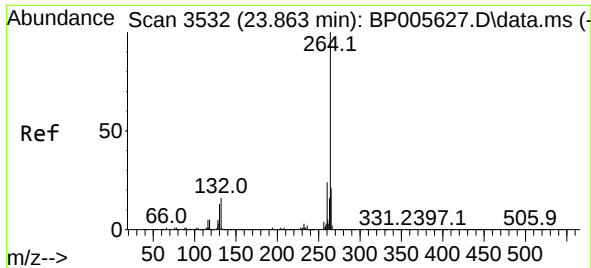
Tgt Ion:244 Resp: 4181489
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 10.5 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.14 ng
 RT: 20.610 min Scan# 2979
 Delta R.T. 0.041 min
 Lab File: BP005645.D
 Acq: 28 May 2021 18:37

Tgt Ion:149 Resp: 341
 Ion Ratio Lower Upper
 149 100
 91 89.8 60.2 90.4
 206 25.5 23.9 35.9





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.857 min Scan# 3531
 Delta R.T. -0.006 min
 Lab File: BP005645.D
 Acq: 28 May 2021 18:37

Instrument :
 BNA_P
 ClientSampleId :
 JCSY-SP3

Tgt Ion:264 Resp: 1160294
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.6 30.8
 265 21.6 19.0 28.6

