

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005748.D
 Acq On : 07 Jun 2021 18:22
 Operator : CG/JU
 Sample : M2580-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B3(0-2)

Quant Time: Jun 08 01:15:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 12:13:53 2021
 Response via : Initial Calibration

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

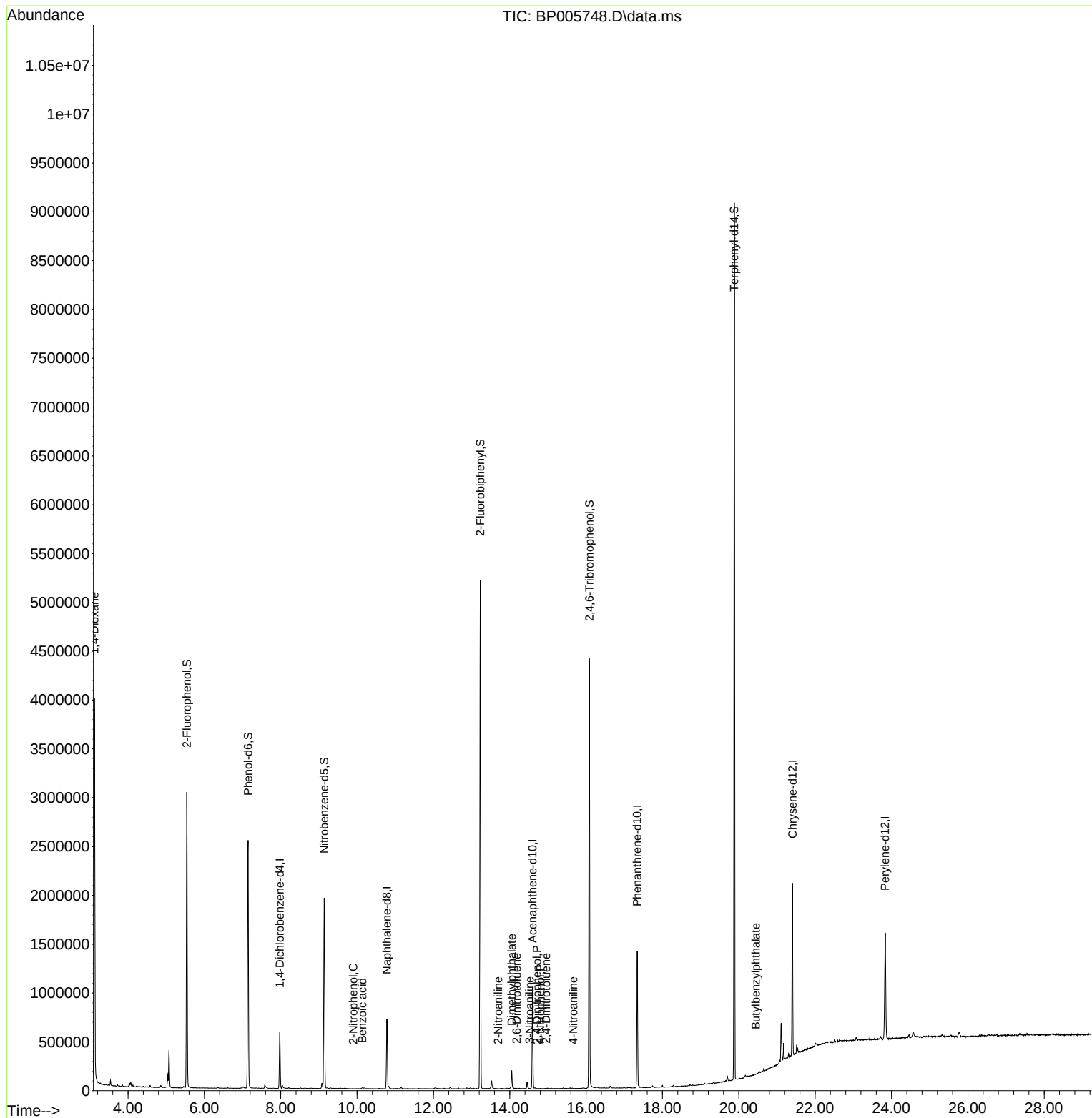
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	150835	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	580852	20.00	ng	0.00
39) Acenaphthene-d10	14.598	164	363516	20.00	ng	0.00
64) Phenanthrene-d10	17.339	188	805705	20.00	ng	# 0.00
76) Chrysene-d12	21.404	240	867787	20.00	ng	#-0.01
86) Perylene-d12	23.833	264	871890	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1294492	133.43	ng	0.00
7) Phenol-d6	7.146	99	1452654	109.84	ng	0.00
23) Nitrobenzene-d5	9.140	82	1132811	108.46	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	917393	196.81	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2518809	91.70	ng	0.00
79) Terphenyl-d14	19.880	244	4139243	89.50	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.117	88	27456	6.18	ng	# 1
26) 2-Nitrophenol	9.899	139	13	4.16	ng	# 1
32) Benzoic acid	10.140	122	597	5.12	ng	# 30
48) 2-Nitroaniline	13.693	65	203	4.52	ng	# 21
50) Dimethylphthalate	14.051	163	113413	3.92	ng	99
51) 2,6-Dinitrotoluene	14.181	165	79	5.07	ng	# 46
53) 3-Nitroaniline	14.522	138	31	3.66	ng	# 1
54) 2,4-Dinitrophenol	14.716	184	15	6.53	ng	# 1
56) 4-Nitrophenol	14.798	139	56	3.75	ng	# 9
57) 2,4-Dinitrotoluene	14.951	165	838	4.36	ng	# 21
62) 4-Nitroaniline	15.663	138	30	3.63	ng	# 1
80) Butylbenzylphthalate	20.445	149	136	4.14	ng	96

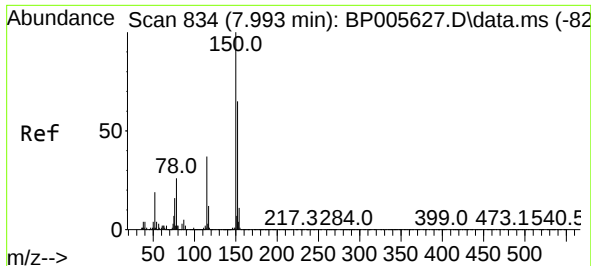
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
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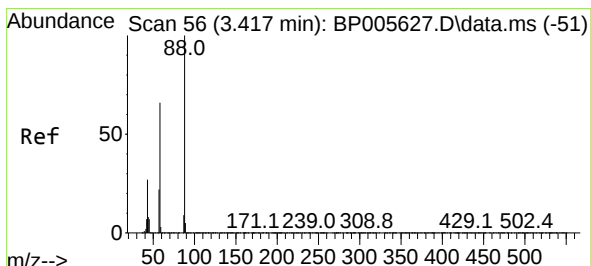
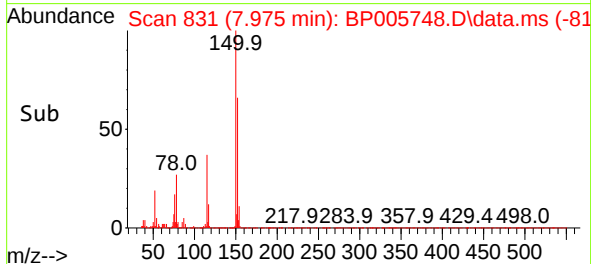
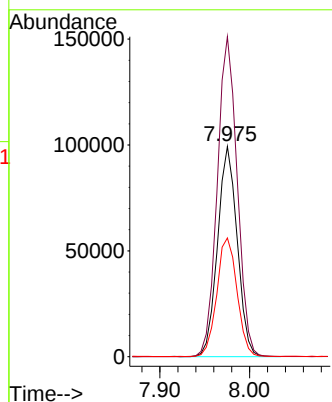
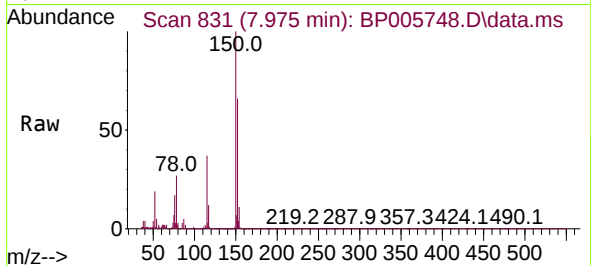




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

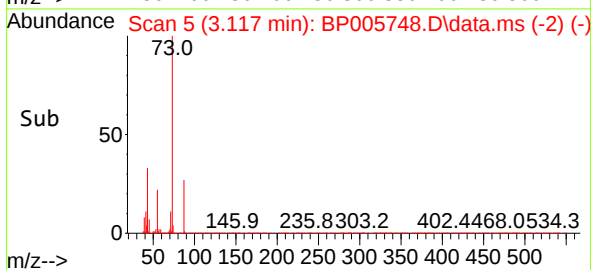
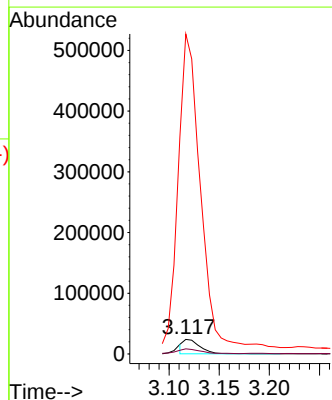
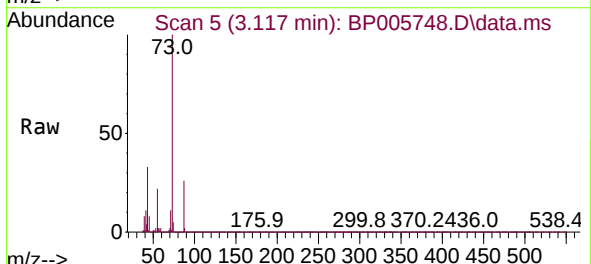
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

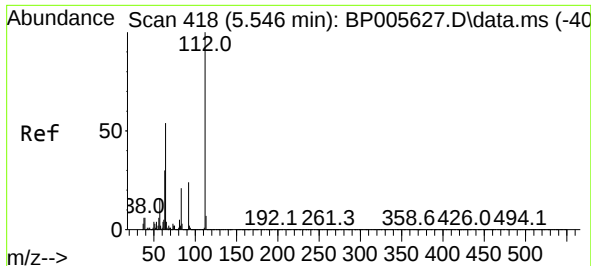
Tgt Ion:152 Resp: 150835
Ion Ratio Lower Upper
152 100
150 152.2 119.8 179.8
115 56.5 49.0 73.4



#2
1,4-Dioxane
Concen: 6.18 ng
RT: 3.117 min Scan# 5
Delta R.T. -0.282 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion: 88 Resp: 27456
Ion Ratio Lower Upper
88 100
58 33.0 42.5 63.7#
43 2181.9 19.8 29.8#

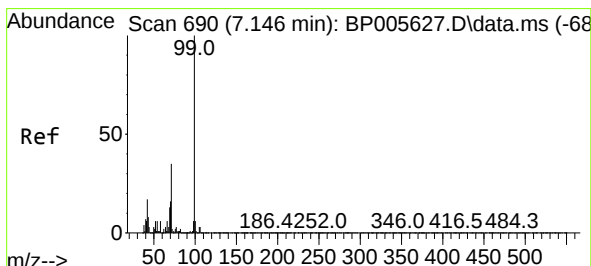
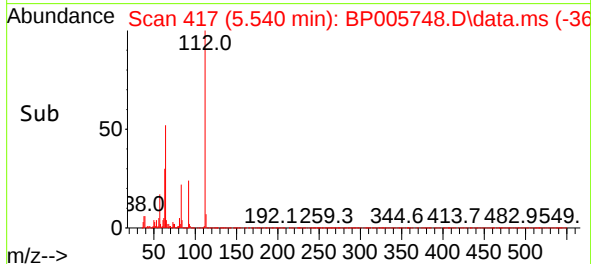
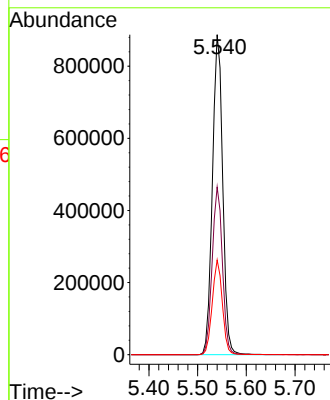
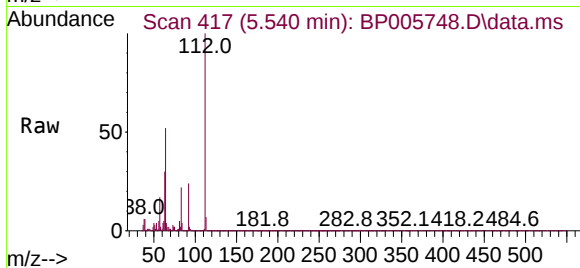




#5
2-Fluorophenol
Concen: 133.43 ng
RT: 5.540 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

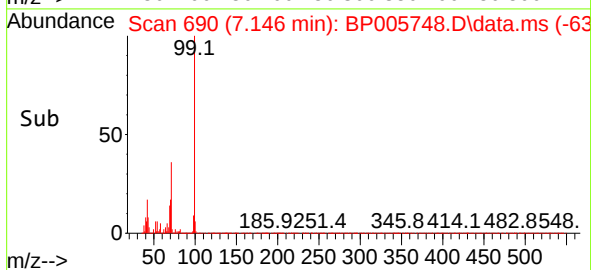
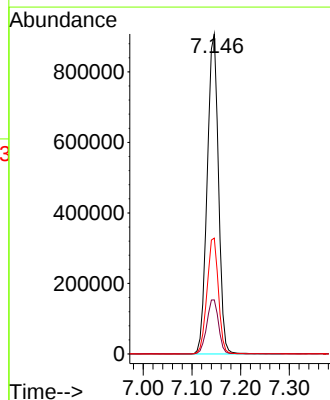
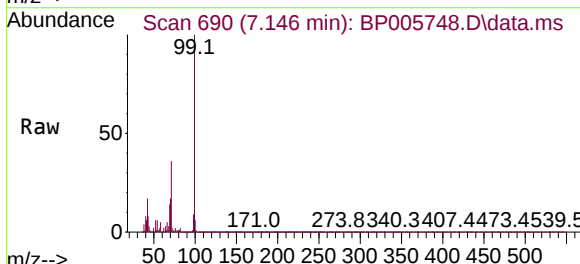
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

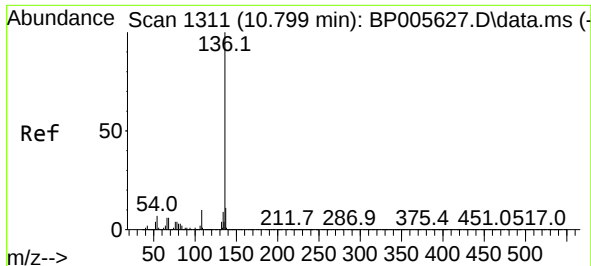
Tgt Ion:112 Resp: 1294492
Ion Ratio Lower Upper
112 100
64 52.4 33.6 50.4#
63 29.6 18.6 27.8#



#7
Phenol-d6
Concen: 109.84 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion: 99 Resp: 1452654
Ion Ratio Lower Upper
99 100
42 16.9 12.9 19.3
71 36.2 26.7 40.1

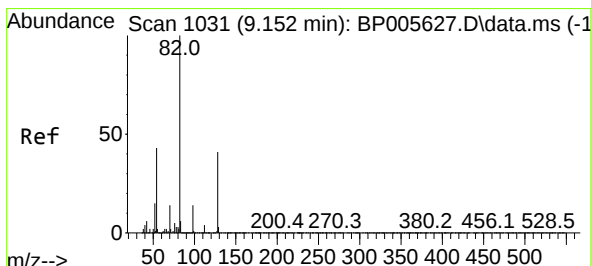
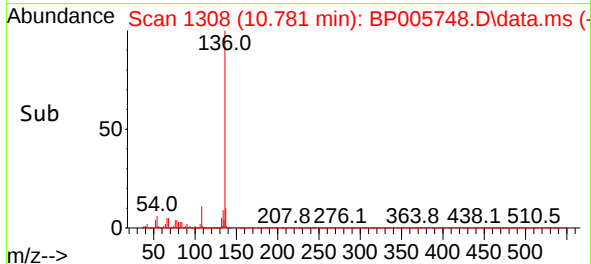
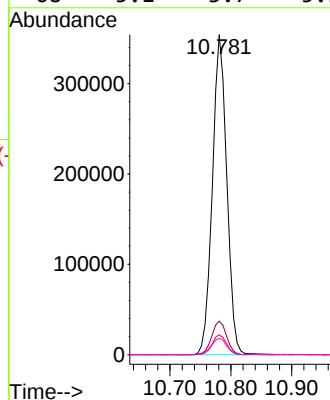
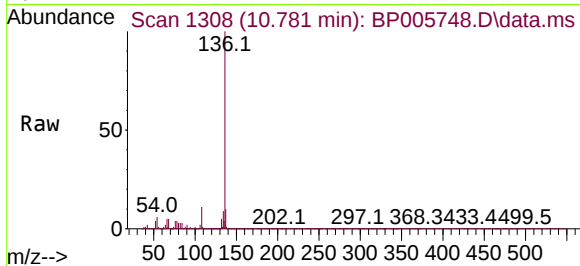




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

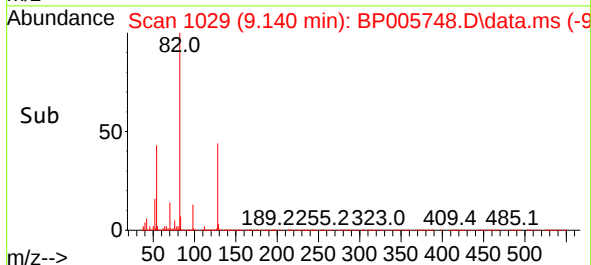
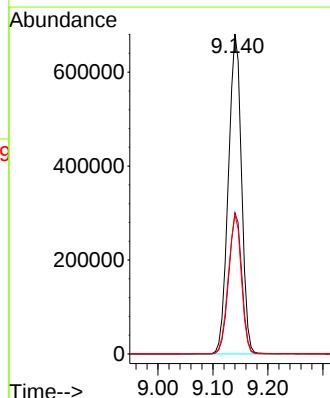
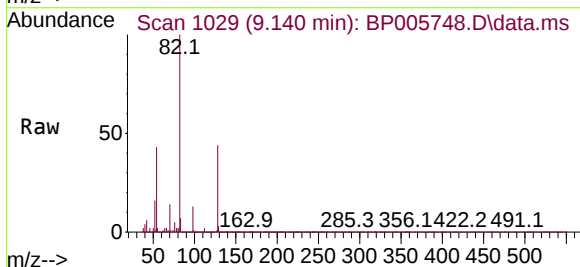
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

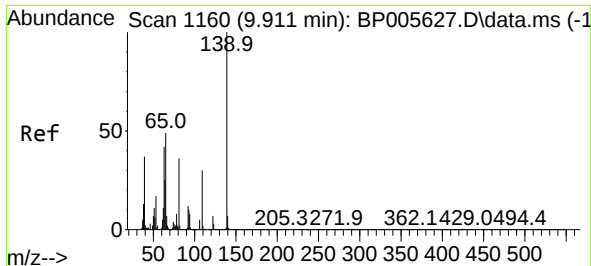
Tgt Ion:	136	Resp:	580852
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.2	5.0	7.4
68	5.1	3.7	5.5



#23
Nitrobenzene-d5
Concen: 108.46 ng
RT: 9.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion:	82	Resp:	1132811
Ion	Ratio	Lower	Upper
82	100		
128	44.1	30.5	45.7
54	43.4	33.9	50.9

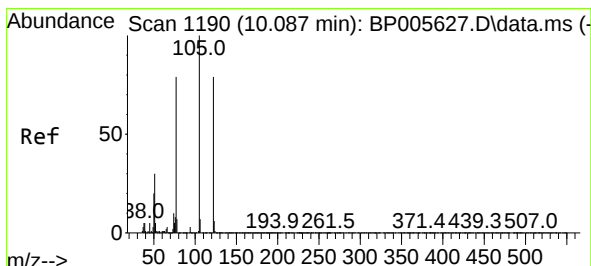
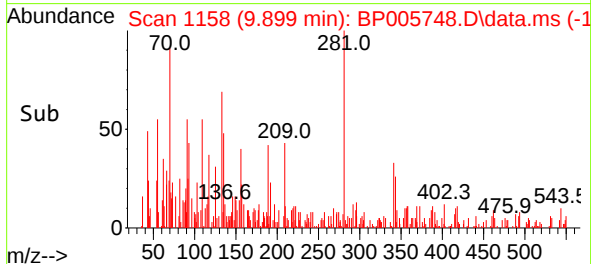
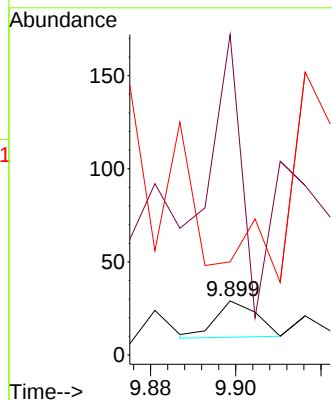
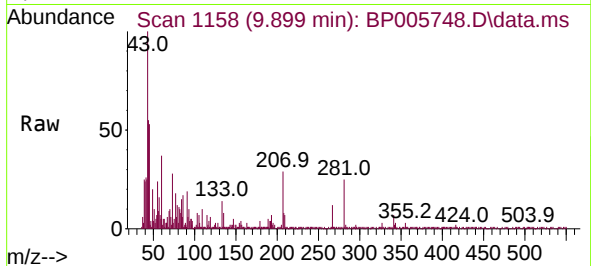




#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.899 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

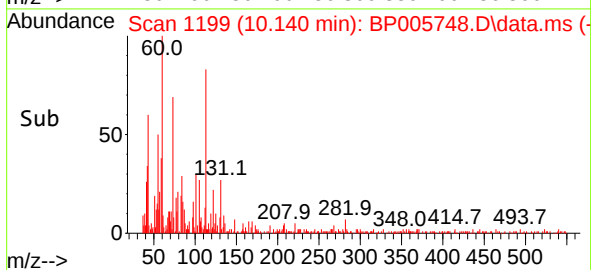
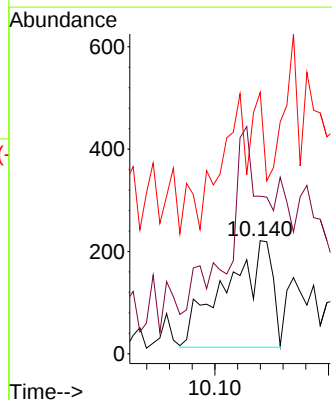
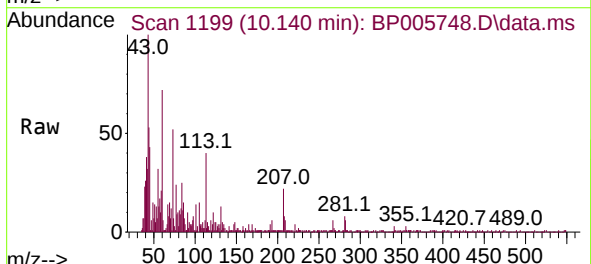
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)

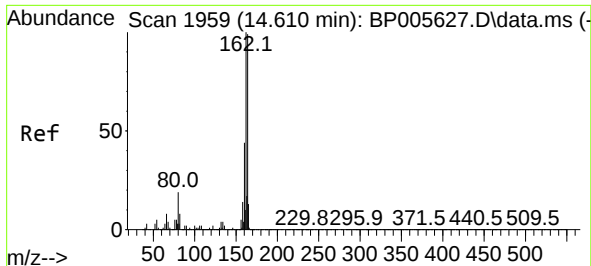
Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 491.4 40.7 61.1#
65 142.9 47.8 71.6#



#32
Benzoic acid
Concen: 5.12 ng
RT: 10.140 min Scan# 1199
Delta R.T. 0.029 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion:122 Resp: 597
Ion Ratio Lower Upper
122 100
105 139.4 105.1 145.1
77 231.2 69.6 109.6#

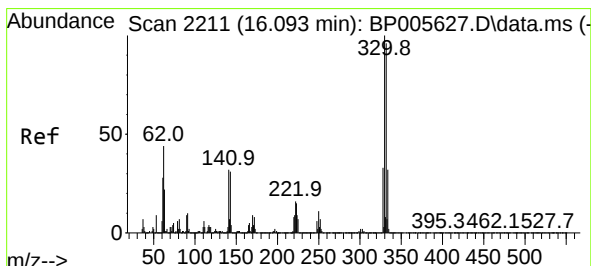
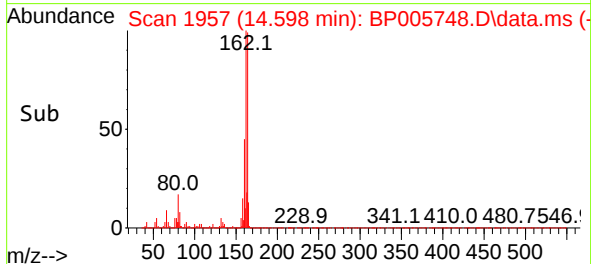
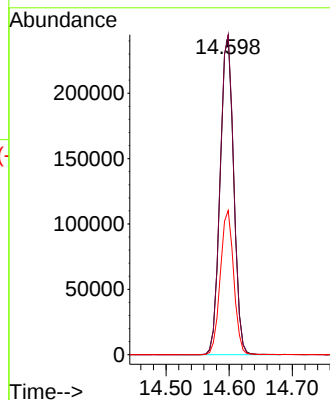
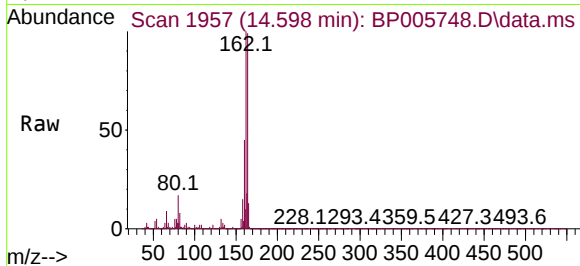




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

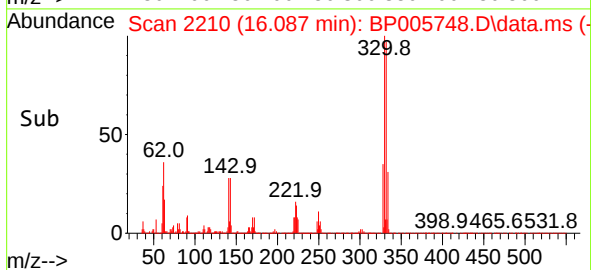
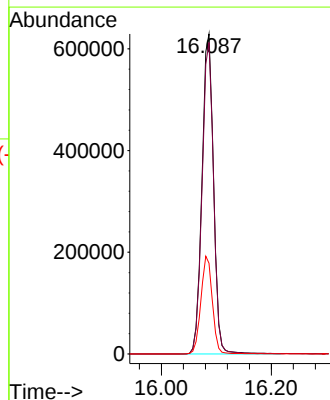
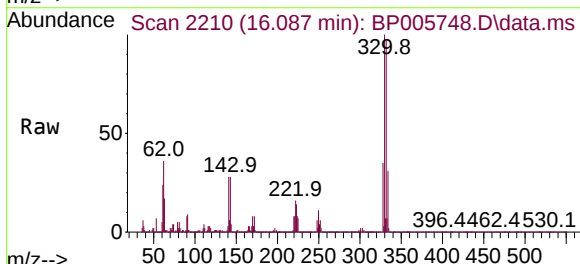
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

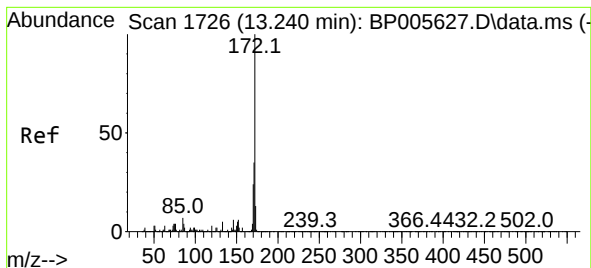
Tgt Ion:164 Resp: 363516
Ion Ratio Lower Upper
164 100
162 100.6 73.5 110.3
160 45.3 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 196.81 ng
RT: 16.087 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion:330 Resp: 917393
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 30.4 22.8 34.2

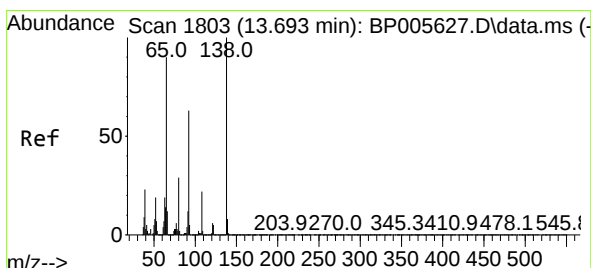
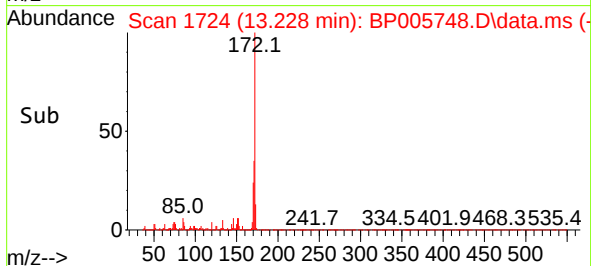
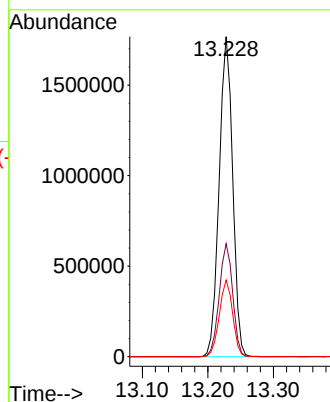
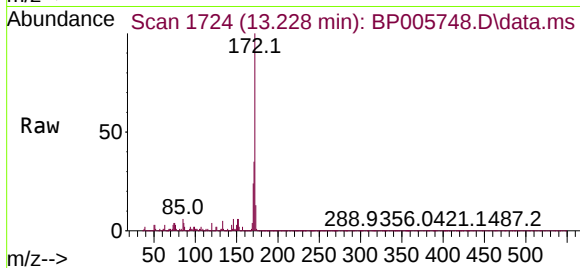




#45
2-Fluorobiphenyl
Concen: 91.70 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

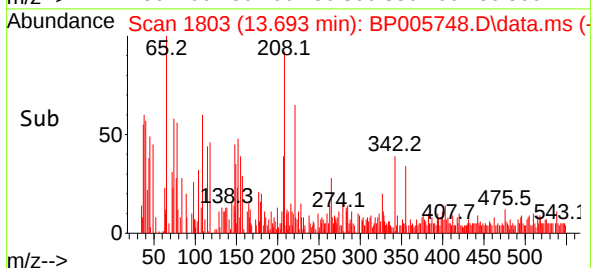
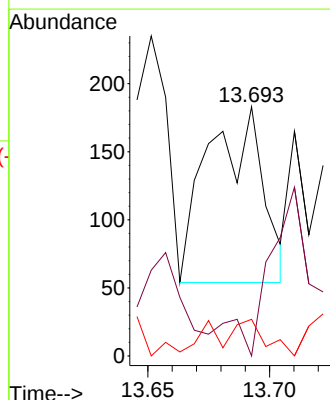
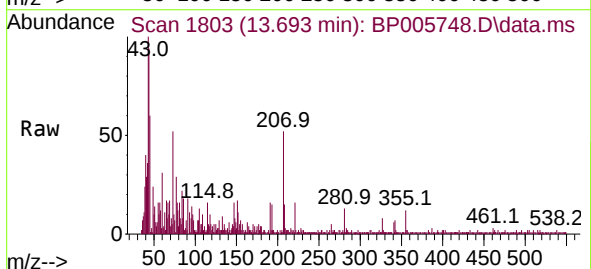
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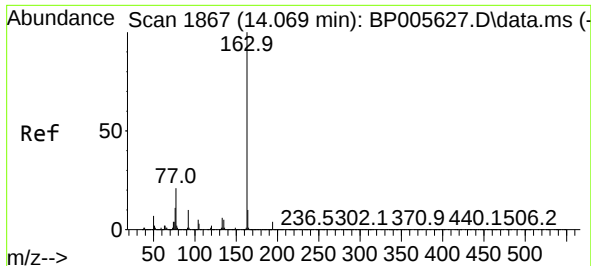
Tgt Ion:172 Resp: 2518809
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.9 19.6 29.4



#48
2-Nitroaniline
Concen: 4.52 ng
RT: 13.693 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion: 65 Resp: 203
Ion Ratio Lower Upper
65 100
92 0.0 48.8 73.2#
138 14.8 69.5 104.3#

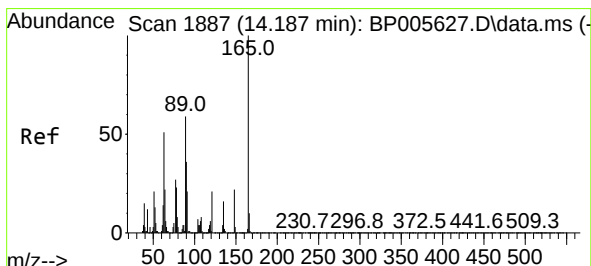
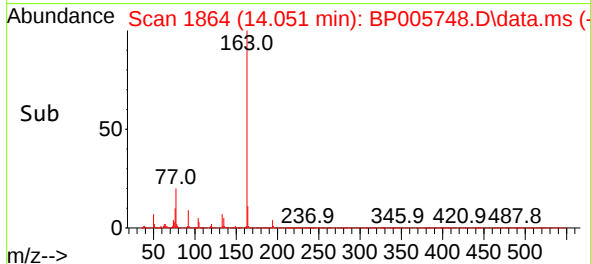
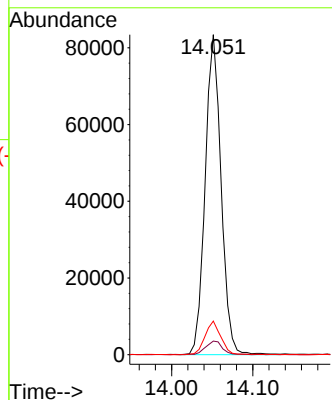
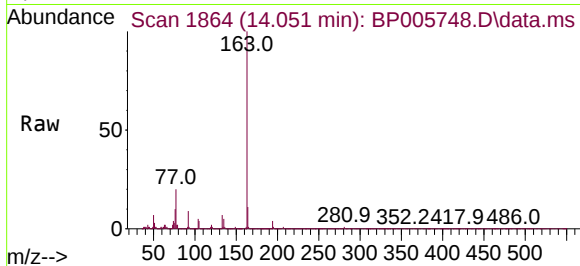




#50
Dimethylphthalate
Concen: 3.92 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

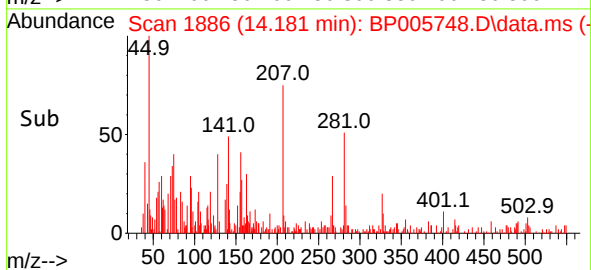
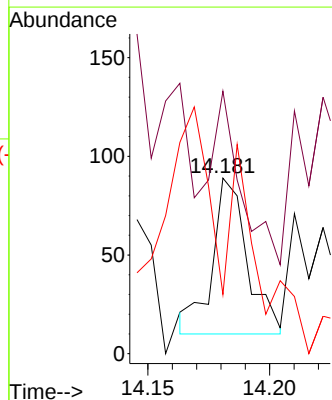
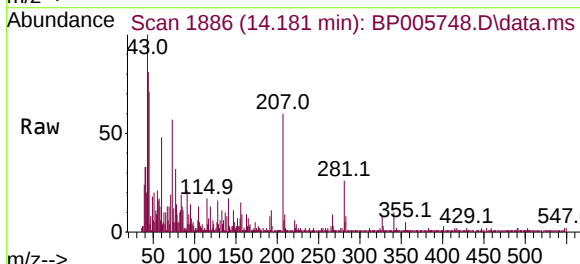
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

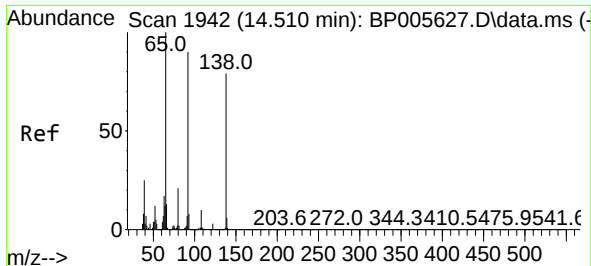
Tgt Ion:163 Resp: 113413
Ion Ratio Lower Upper
163 100
194 4.2 3.9 5.9
164 10.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.181 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion:165 Resp: 79
Ion Ratio Lower Upper
165 100
63 149.4 67.4 101.0#
89 56.2 73.8 110.6#

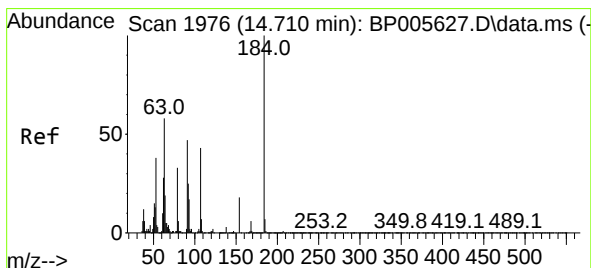
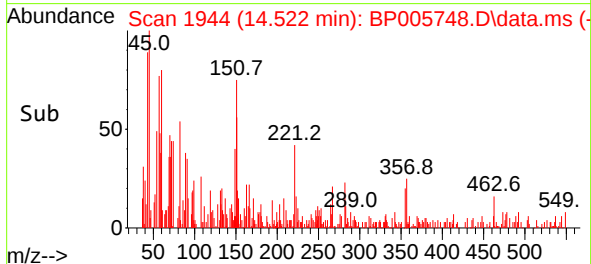
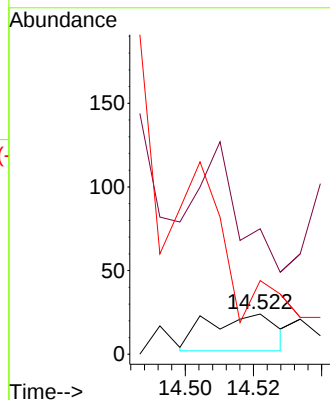
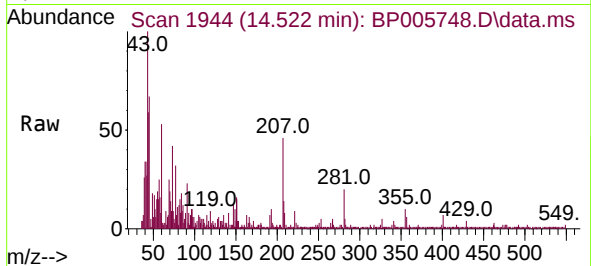




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.522 min Scan# 1944
Delta R.T. 0.018 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

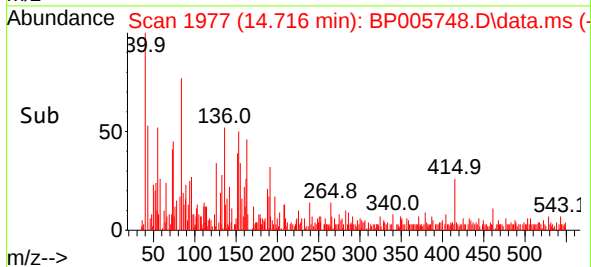
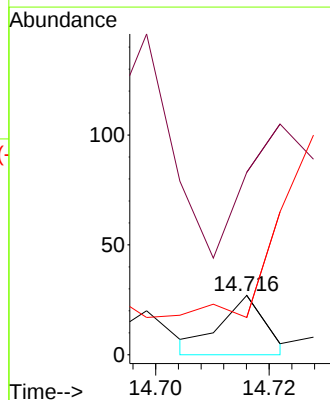
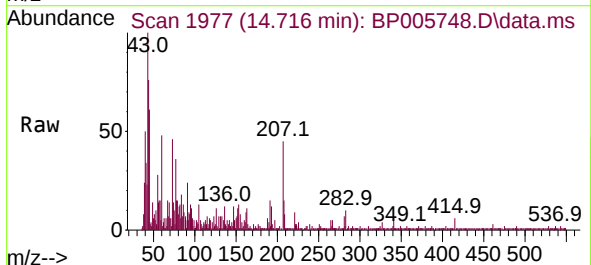
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)

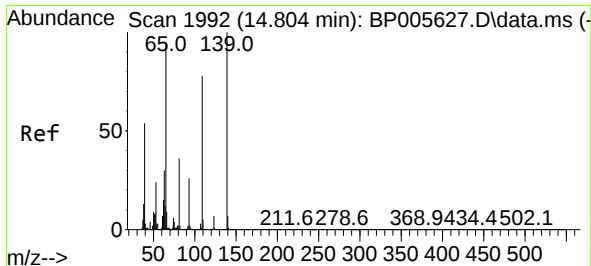
Tgt Ion:138 Resp: 31
Ion Ratio Lower Upper
138 100
108 312.5 10.2 15.4#
92 183.3 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 333.3 51.2 76.8#
154 63.0 55.8 83.8

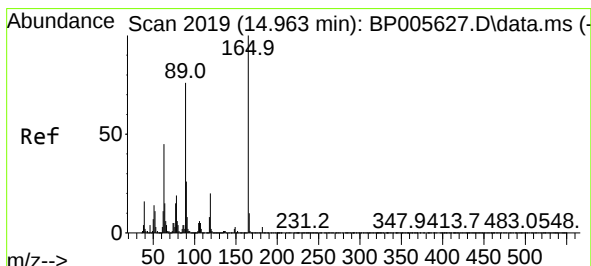
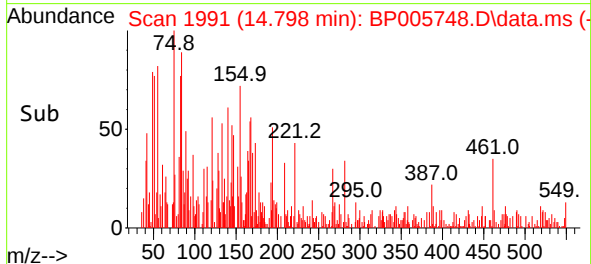
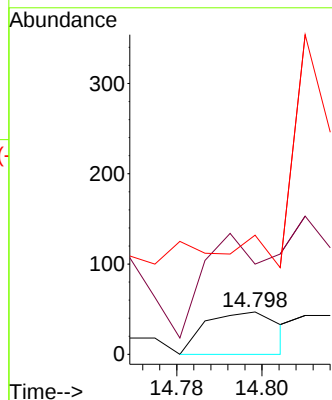
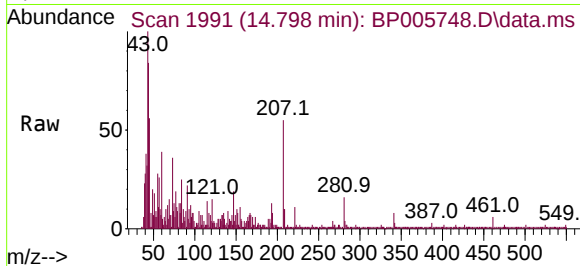




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.798 min Scan# 1991
Delta R.T. -0.018 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

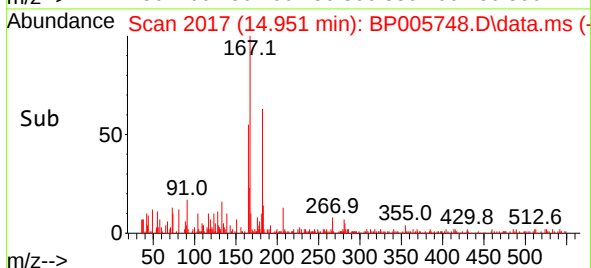
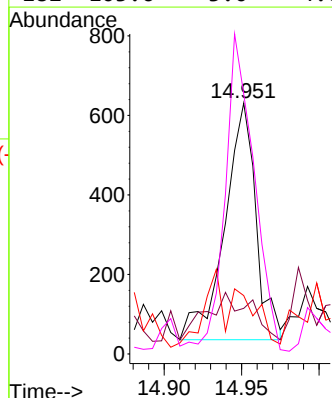
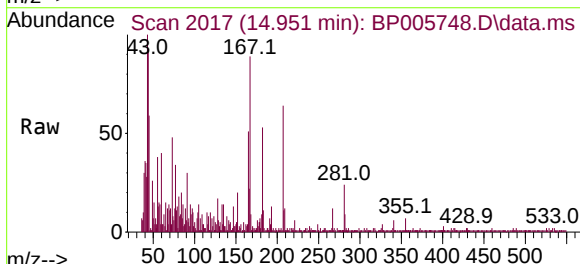
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)

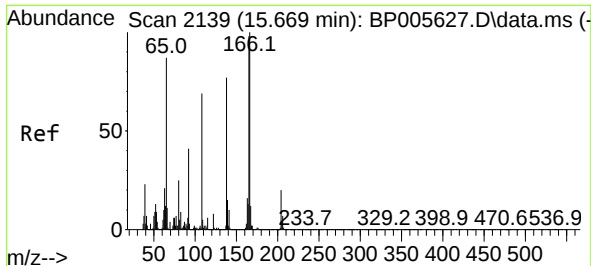
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 212.8 122.8 162.8#
65 280.9 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.36 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion:165 Resp: 838
Ion Ratio Lower Upper
165 100
63 18.2 56.7 85.1#
89 23.3 85.8 128.6#
182 103.6 3.0 4.6#

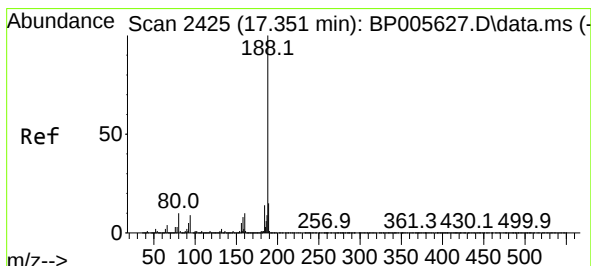
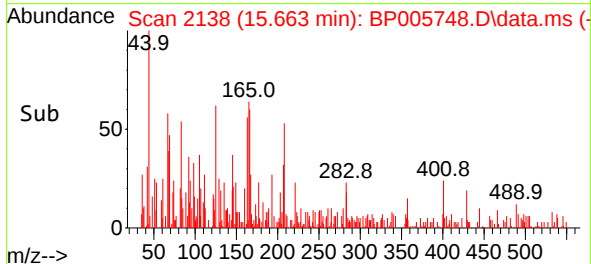
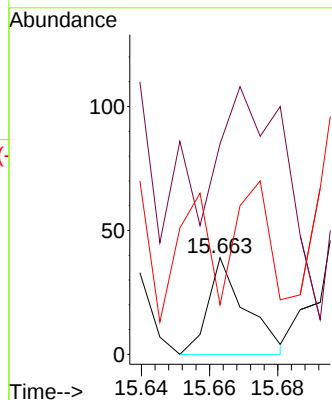
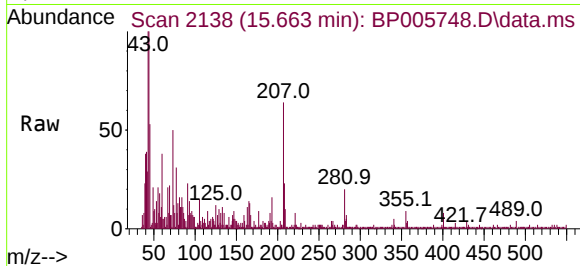




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

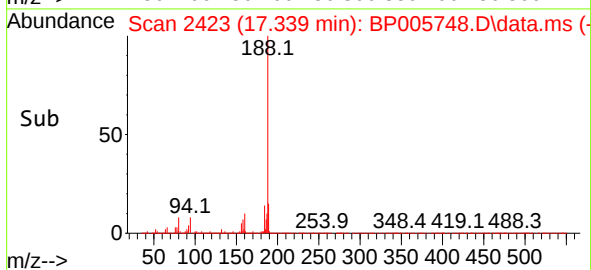
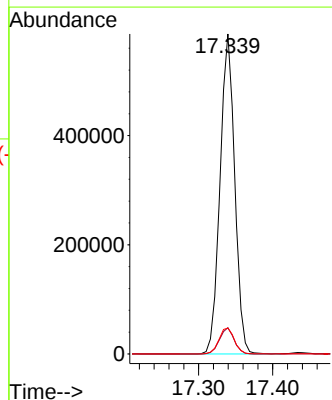
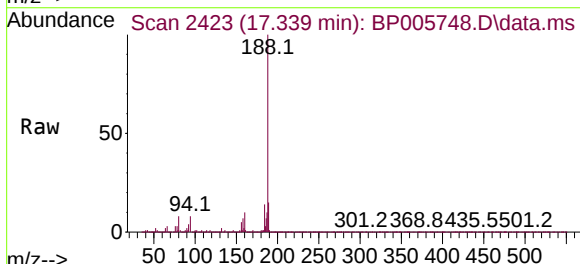
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)

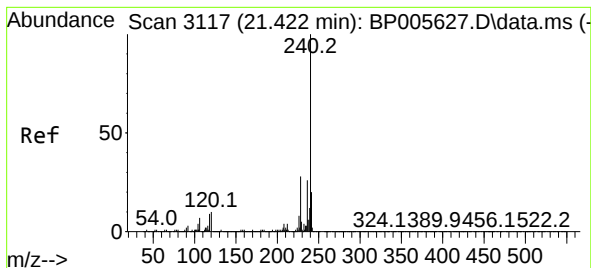
Tgt Ion:138 Resp: 30
Ion Ratio Lower Upper
138 100
92 217.9 50.9 90.9#
108 51.3 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion:188 Resp: 805705
Ion Ratio Lower Upper
188 100
94 8.2 5.0 7.6#
80 8.1 5.9 8.9





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.012 min

Lab File: BP005748.D

Acq: 07 Jun 2021 18:22

Tgt Ion:240 Resp: 867787

Ion Ratio Lower Upper

240 100

120 9.0 4.2 6.2#

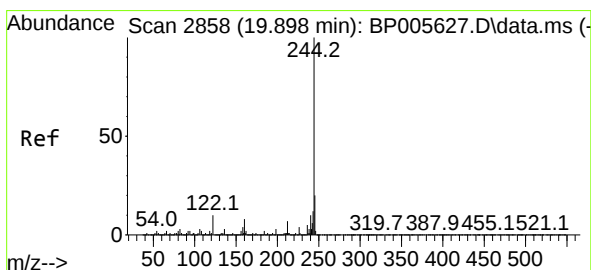
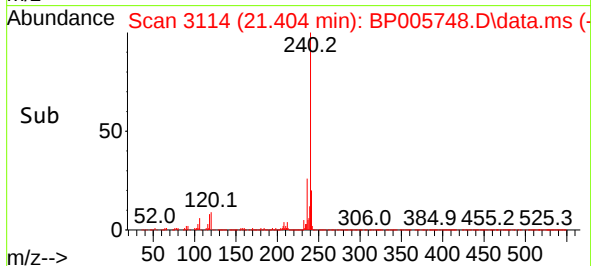
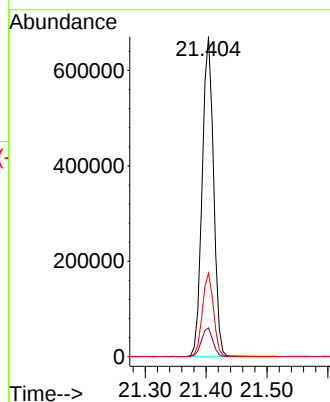
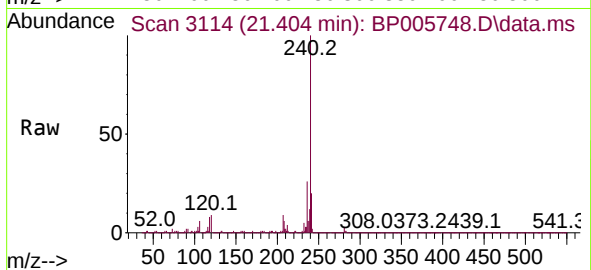
236 26.1 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

18-B3(0-2)



#79

Terphenyl-d14

Concen: 89.50 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BP005748.D

Acq: 07 Jun 2021 18:22

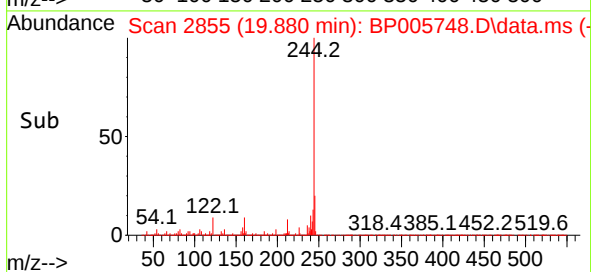
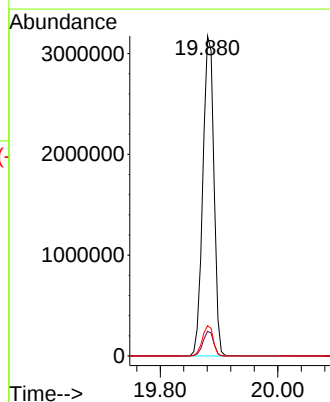
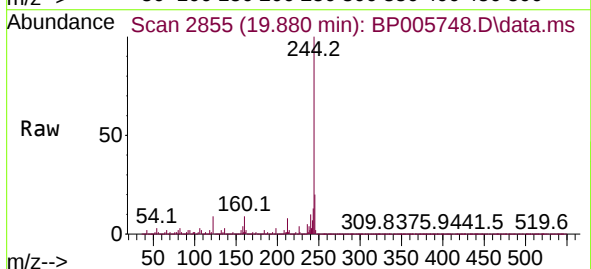
Tgt Ion:244 Resp: 4139243

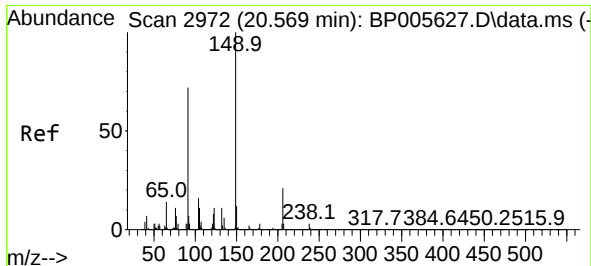
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.5 5.2 7.8#

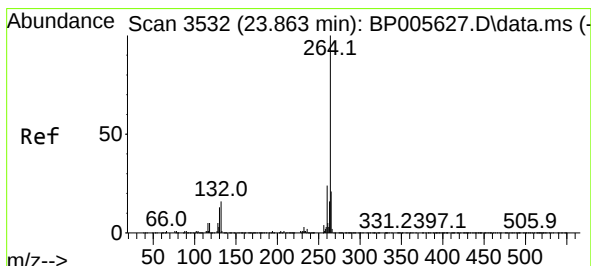
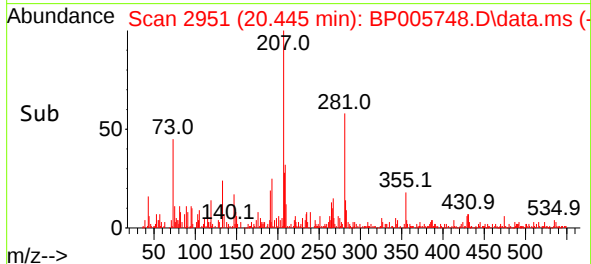
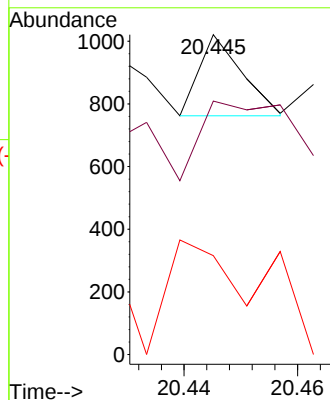
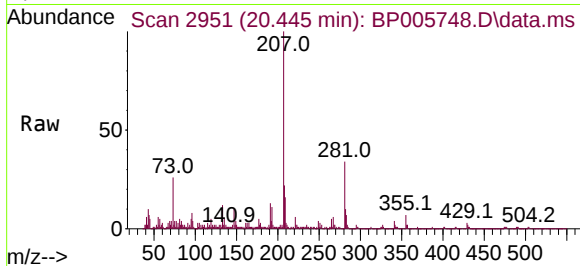




#80
Butylbenzylphthalate
Concen: 4.14 ng
RT: 20.445 min Scan# 2951
Delta R.T. -0.112 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Instrument :
BNA_P
ClientSampled :
18-B3(0-2)

Tgt Ion:	149	Resp:	136
Ion	Ratio	Lower	Upper
149	100		
91	79.2	60.2	90.4
206	31.0	23.9	35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.833 min Scan# 3527
Delta R.T. -0.018 min
Lab File: BP005748.D
Acq: 07 Jun 2021 18:22

Tgt Ion:	264	Resp:	871890
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.6	30.8
265	22.4	19.0	28.6

