

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005689.D
 Acq On : 03 Jun 2021 16:23
 Operator : CG/JU
 Sample : M2569-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA1

Quant Time: Jun 03 16:56:41 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)

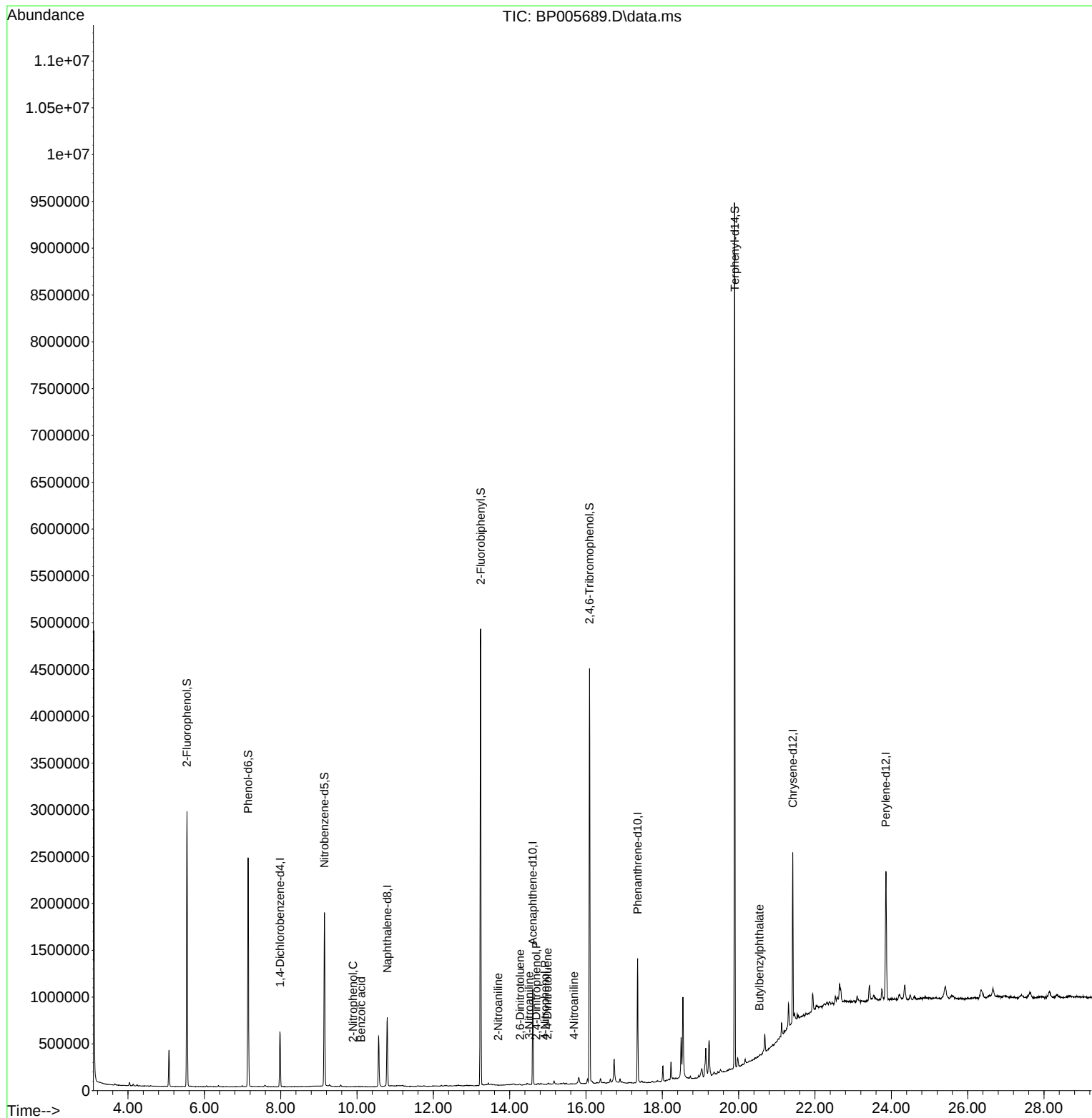
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	163199	20.00	ng	-0.01
21) Naphthalene-d8	10.793	136	604900	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	368729	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	785251	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	912257	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1109398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1271171	121.10	ng	0.00
7) Phenol-d6	7.146	99	1379309	96.39	ng	0.00
23) Nitrobenzene-d5	9.146	82	1063873	97.81	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	991330	209.66	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2530047	90.81	ng	0.00
79) Terphenyl-d14	19.898	244	4390539	90.31	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	92	4.17	ng	# 21
32) Benzoic acid	10.110	122	232	5.05	ng	# 39
48) 2-Nitroaniline	13.698	65	81	4.50	ng	# 68
51) 2,6-Dinitrotoluene	14.275	165	37	5.06	ng	92
53) 3-Nitroaniline	14.510	138	152	3.67	ng	# 26
54) 2,4-Dinitrophenol	14.698	184	122	6.57	ng	# 8
56) 4-Nitrophenol	14.922	139	202	3.78	ng	85
57) 2,4-Dinitrotoluene	14.992	165	259	4.29	ng	# 51
62) 4-Nitroaniline	15.686	138	165	3.65	ng	# 92
80) Butylbenzylphthalate	20.545	149	446	4.15	ng	# 70

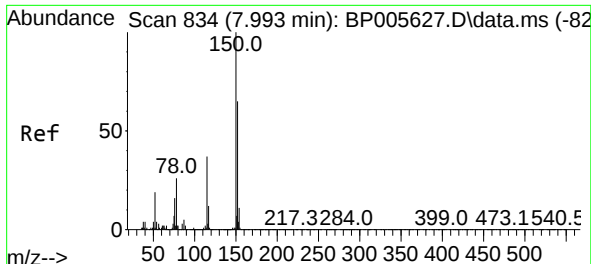
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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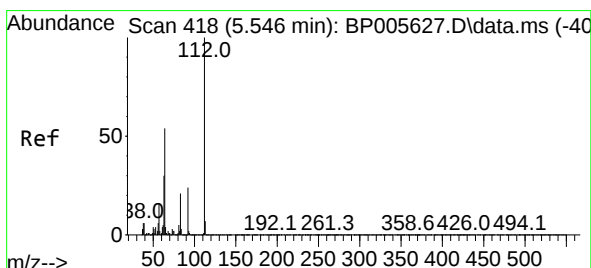
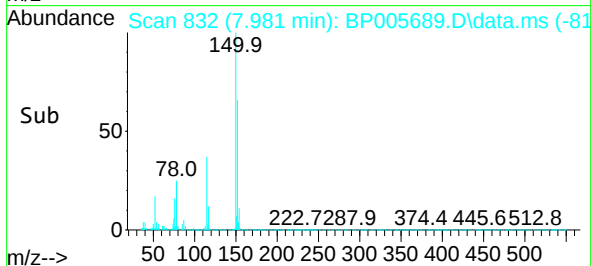
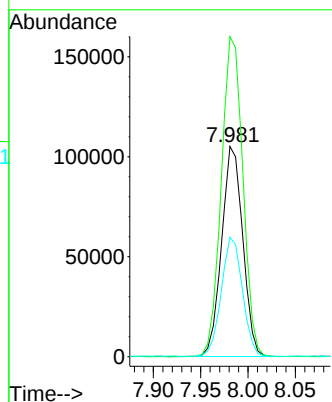
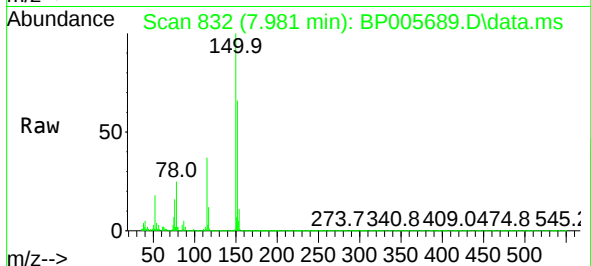




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

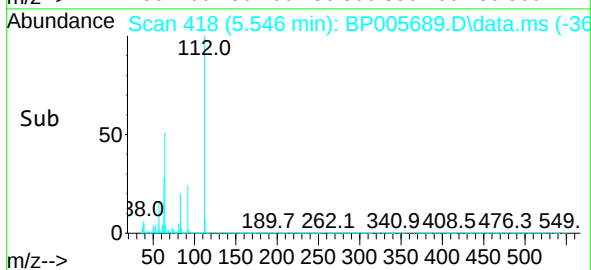
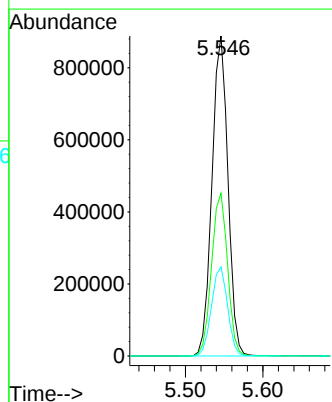
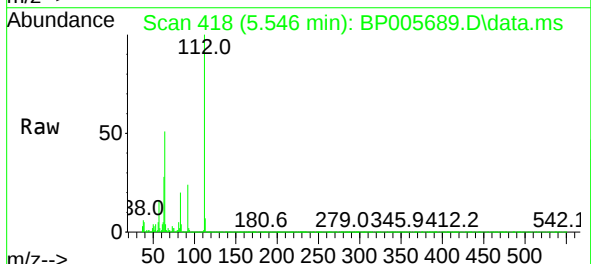
Instrument :
BNA_P
ClientSampleId :
C0AA1

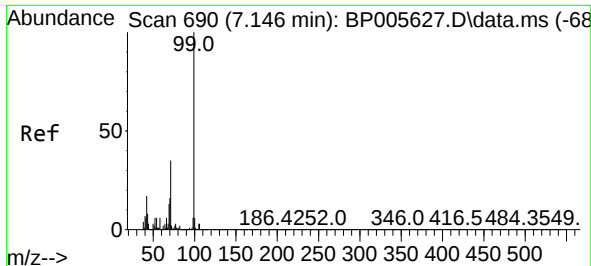
Tgt Ion:152 Resp: 163199
Ion Ratio Lower Upper
152 100
150 152.2 119.8 179.8
115 56.8 49.0 73.4



#5
2-Fluorophenol
Concen: 121.10 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion:112 Resp: 1271171
Ion Ratio Lower Upper
112 100
64 50.8 33.6 50.4#
63 27.8 18.6 27.8

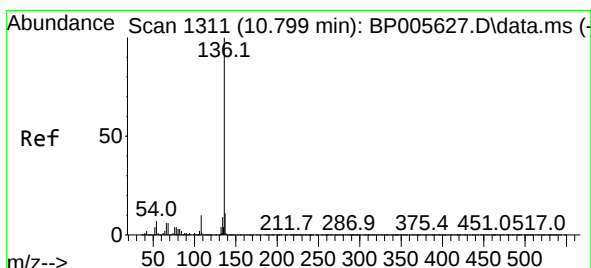
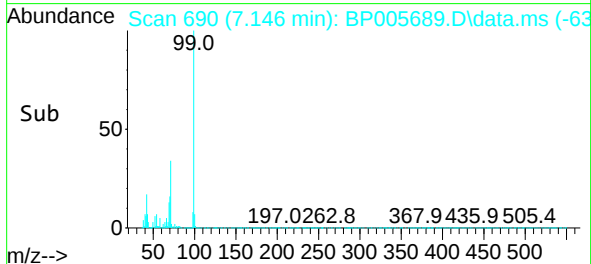
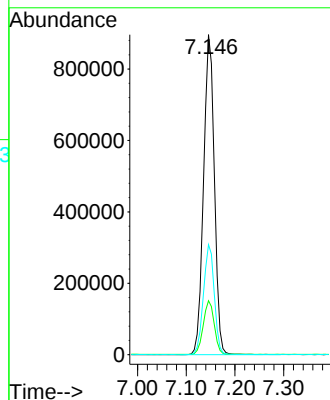
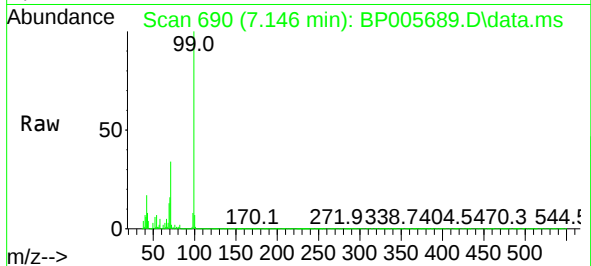




#7
Phenol-d6
Concen: 96.39 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

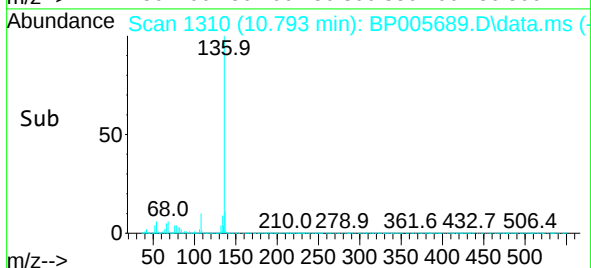
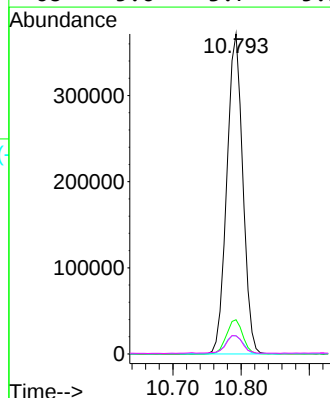
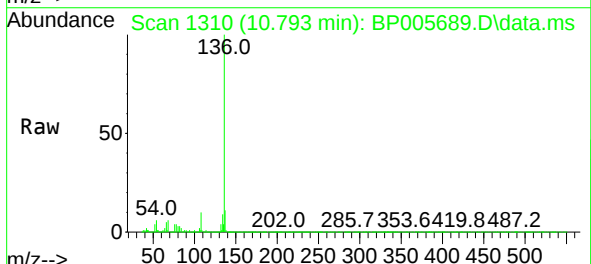
Instrument :
BNA_P
ClientSampleId :
C0AA1

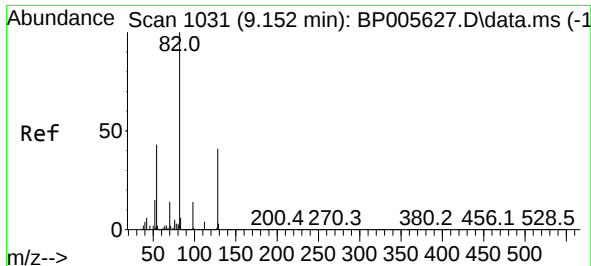
Tgt Ion: 99 Resp: 1379309
Ion Ratio Lower Upper
99 100
42 16.8 12.9 19.3
71 34.4 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion:136 Resp: 604900
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 5.7 5.0 7.4
68 5.6 3.7 5.5#

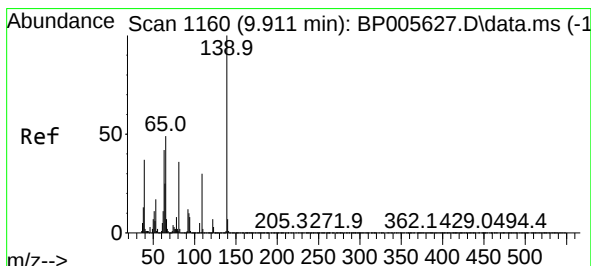
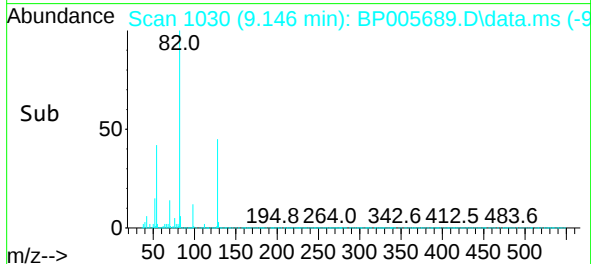
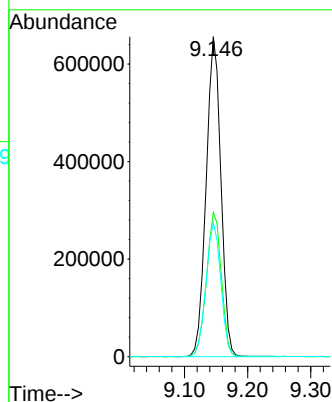
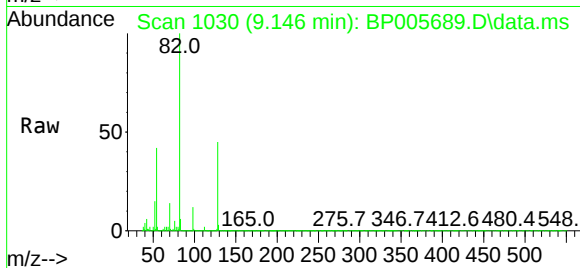




#23
Nitrobenzene-d5
Concen: 97.81 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

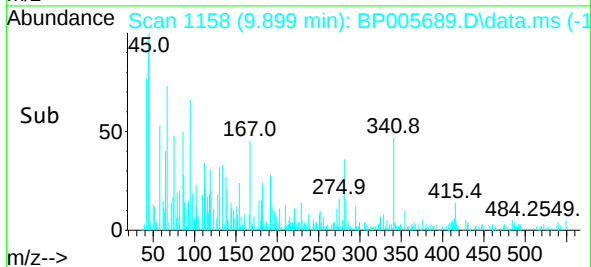
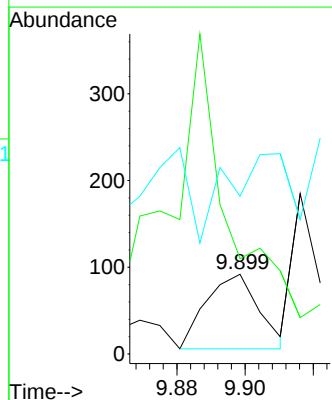
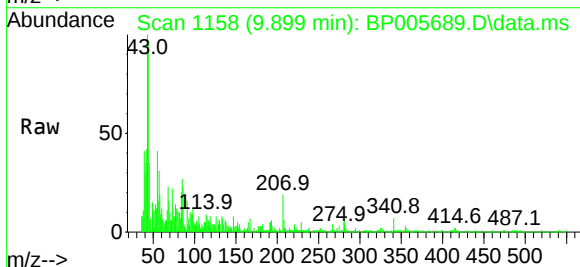
Instrument :
BNA_P
ClientSampleId :
C0AA1

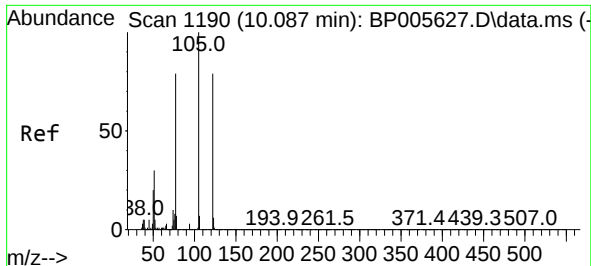
Tgt Ion: 82 Resp: 1063873
Ion Ratio Lower Upper
82 100
128 45.1 30.5 45.7
54 42.0 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.899 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 139 Resp: 92
Ion Ratio Lower Upper
139 100
109 84.0 40.7 61.1#
65 138.9 47.8 71.6#

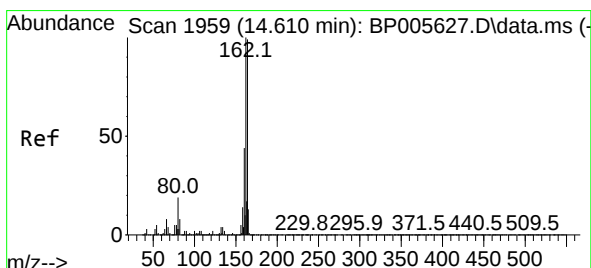
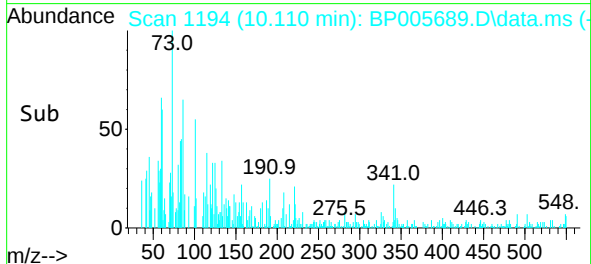
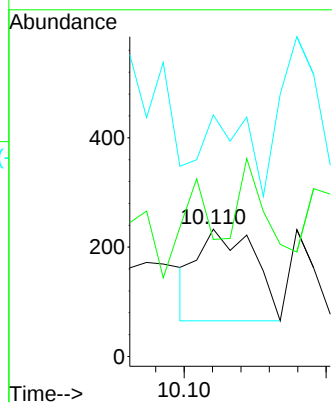
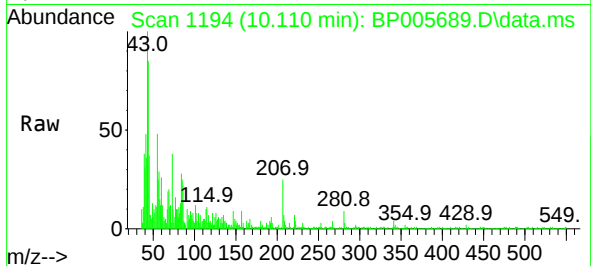




#32
Benzoic acid
Concen: 5.05 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.023 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

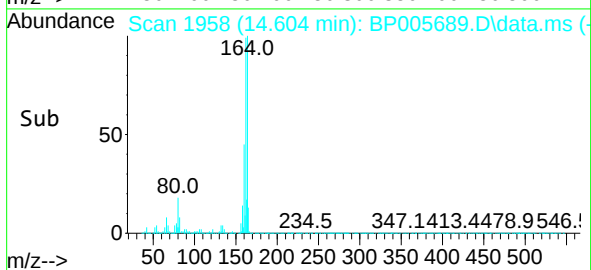
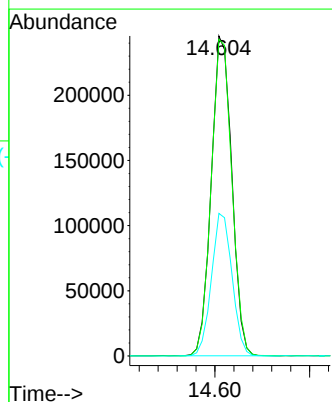
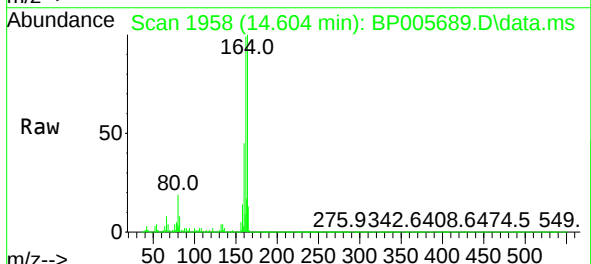
Instrument :
BNA_P
ClientSampleId :
C0AA1

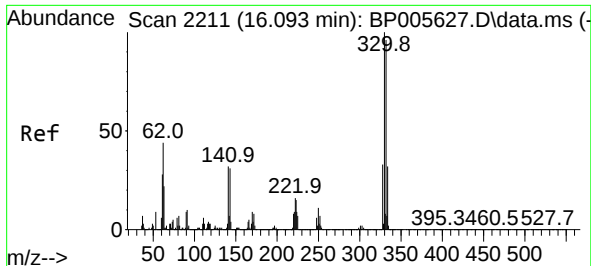
Tgt Ion:122 Resp: 232
Ion Ratio Lower Upper
122 100
105 91.8 105.1 145.1#
77 189.7 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion:164 Resp: 368729
Ion Ratio Lower Upper
164 100
162 99.0 73.5 110.3
160 44.5 40.6 61.0

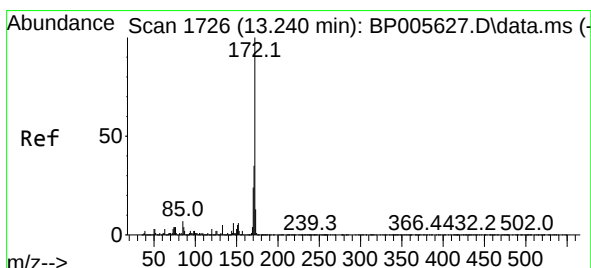
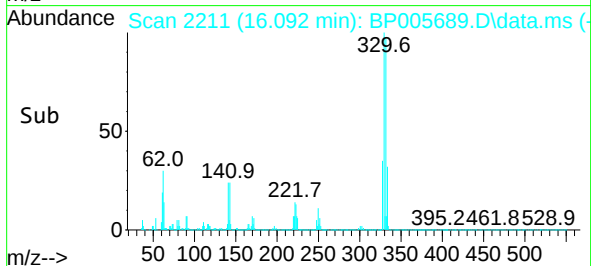
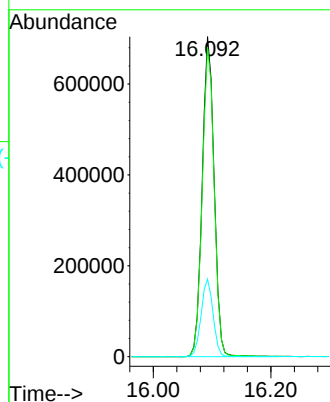
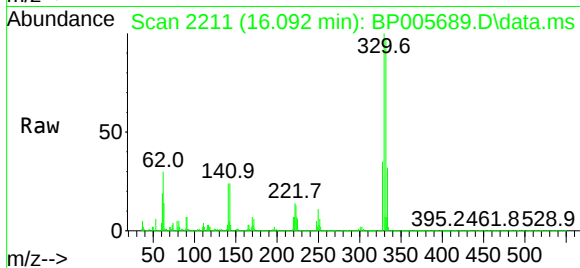




#42
2,4,6-Tribromophenol
Concen: 209.66 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

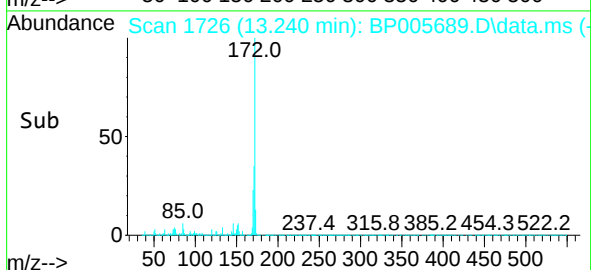
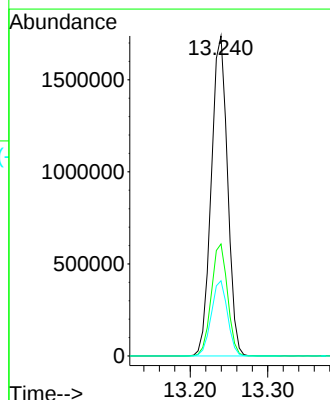
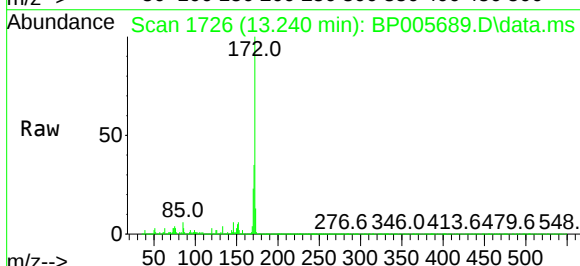
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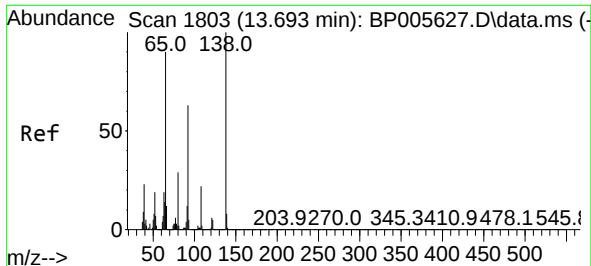
Tgt Ion:330 Resp: 991330
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 24.3 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 90.81 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion:172 Resp: 2530047
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 19.6 29.4

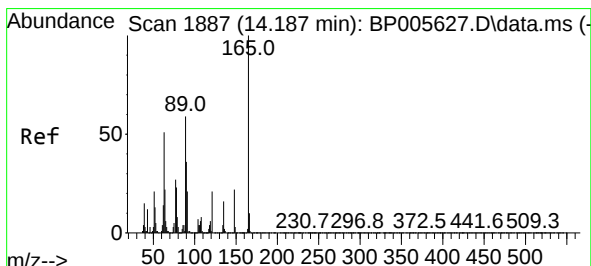
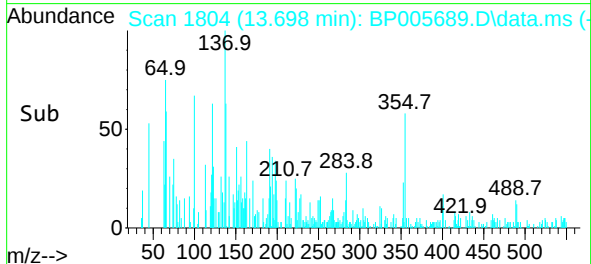
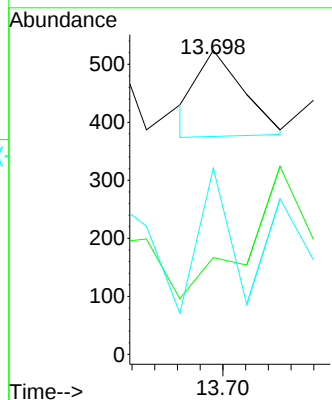
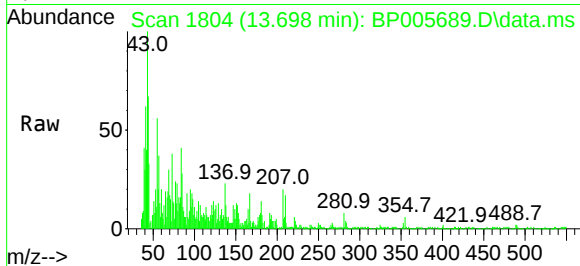




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.698 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

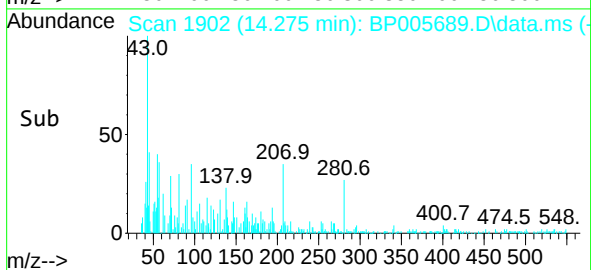
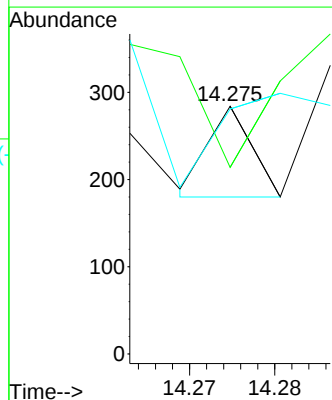
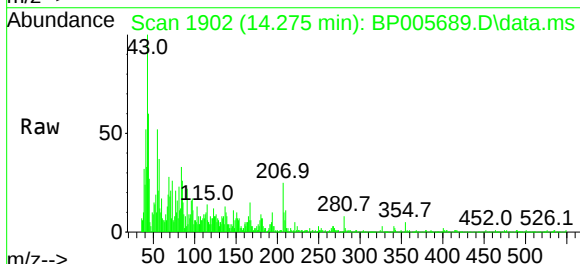
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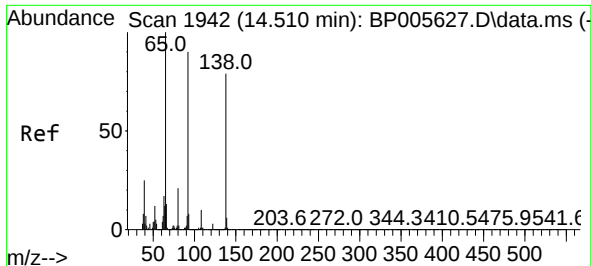
Tgt Ion: 65 Resp: 81
Ion Ratio Lower Upper
65 100
92 31.9 48.8 73.2#
138 61.3 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.06 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.088 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 165 Resp: 37
Ion Ratio Lower Upper
165 100
63 75.4 67.4 101.0
89 98.9 73.8 110.6

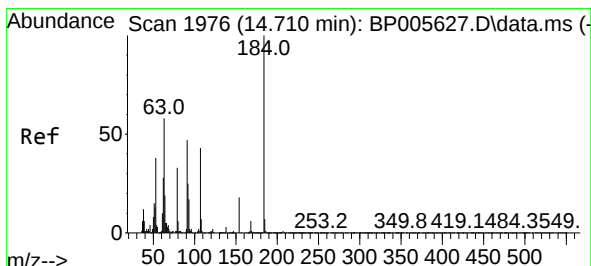
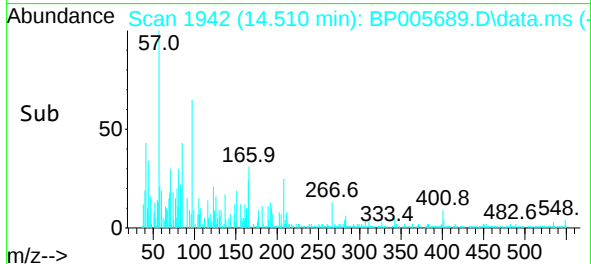
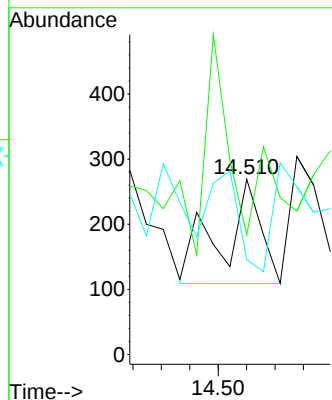
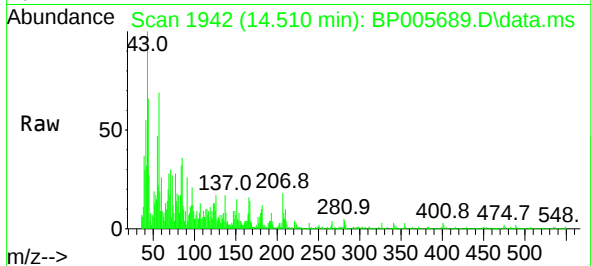




#53
3-Nitroaniline
Concen: 3.67 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

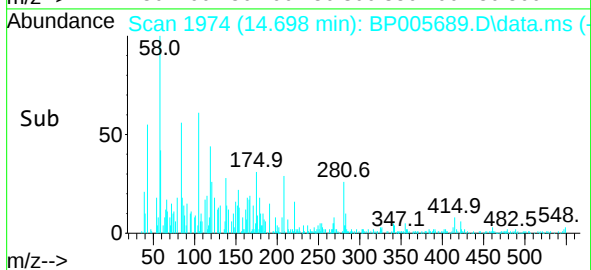
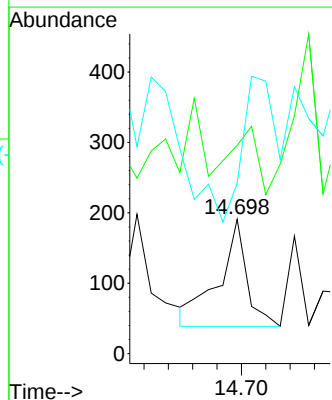
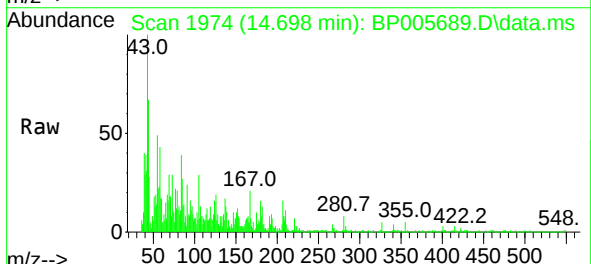
Instrument :
BNA_P
ClientSampleId :
C0AA1

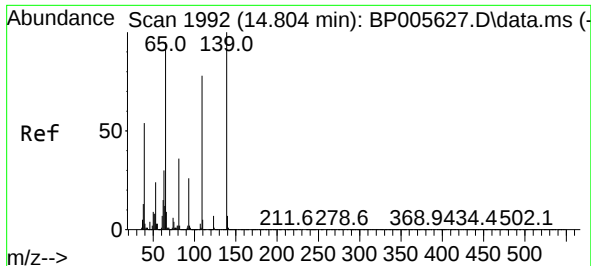
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Ion Ratio Lower Upper
138 100
108 68.4 10.2 15.4#
92 54.3 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.57 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 155.0 51.2 76.8#
154 126.7 55.8 83.8#

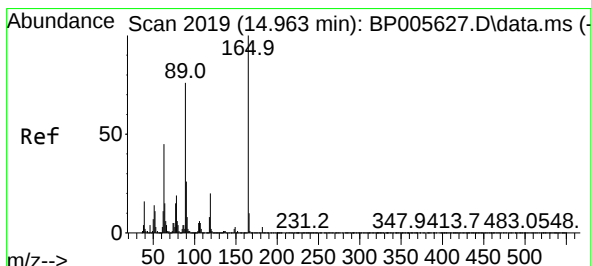
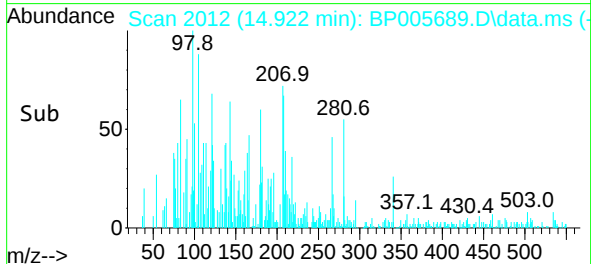
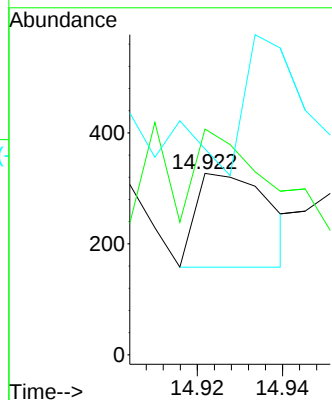
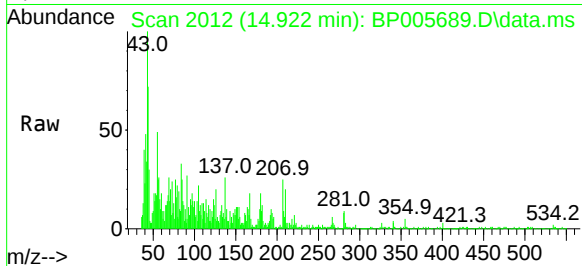




#56
4-Nitrophenol
Concen: 3.78 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.118 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

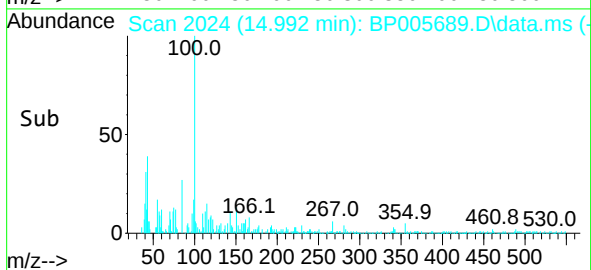
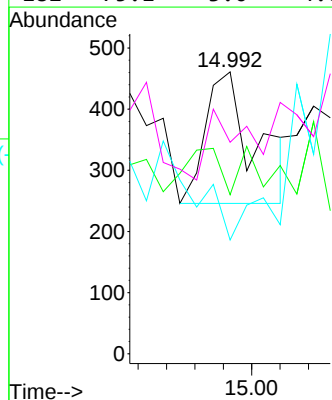
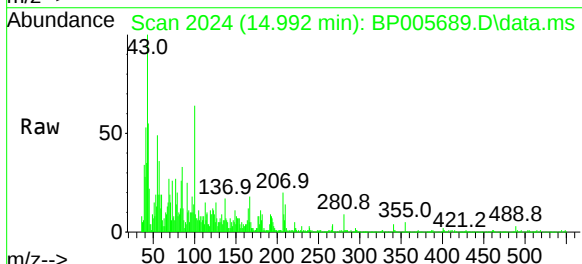
Instrument :
BNA_P
ClientSampleId :
C0AA1

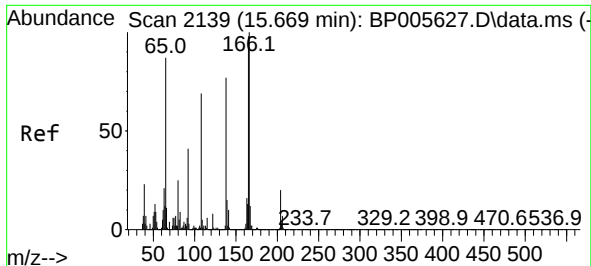
Tgt Ion:139 Resp: 202
Ion Ratio Lower Upper
139 100
109 124.5 122.8 162.8
65 113.5 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.29 ng
RT: 14.992 min Scan# 2024
Delta R.T. 0.029 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion:165 Resp: 259
Ion Ratio Lower Upper
165 100
63 56.4 56.7 85.1#
89 40.3 85.8 128.6#
182 75.1 3.0 4.6#

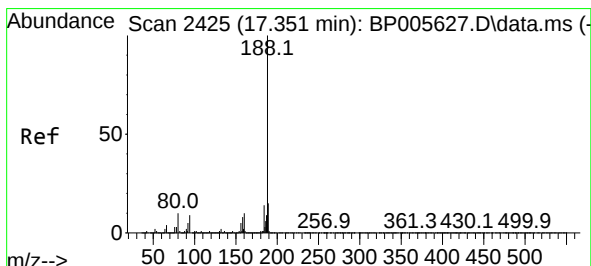
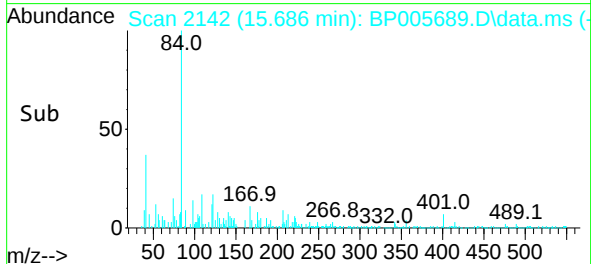
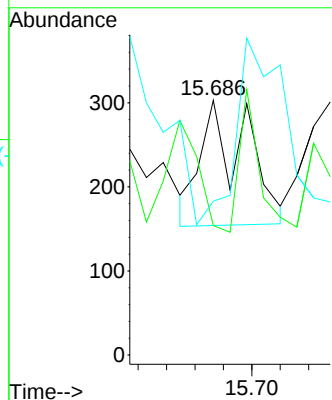
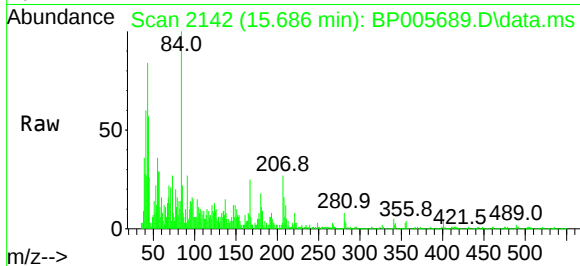




#62
4-Nitroaniline
Concen: 3.65 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.017 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

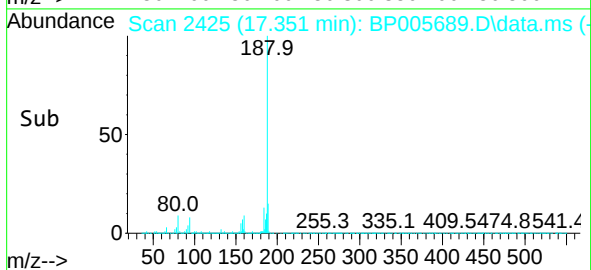
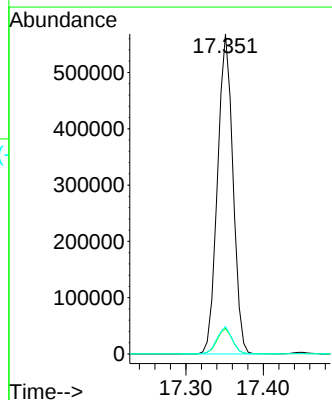
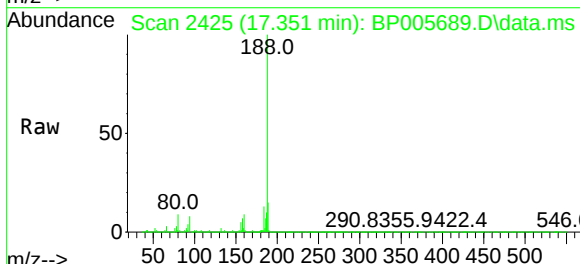
Instrument :
BNA_P
ClientSampled :
C0AA1

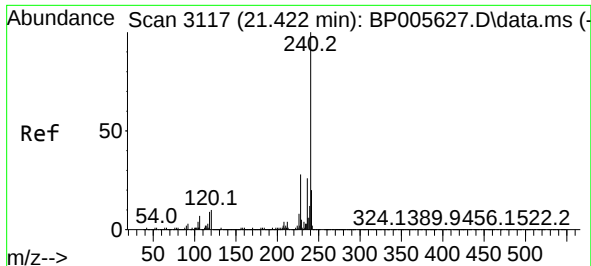
Tgt Ion:138 Resp: 165
Ion Ratio Lower Upper
138 100
92 50.8 50.9 90.9#
108 172.9 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion:188 Resp: 785251
Ion Ratio Lower Upper
188 100
94 8.0 5.0 7.6#
80 8.6 5.9 8.9

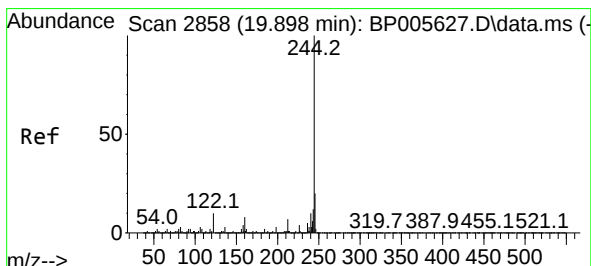
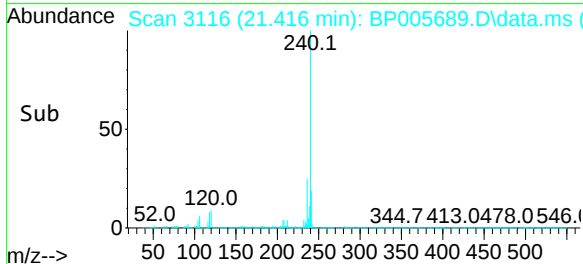
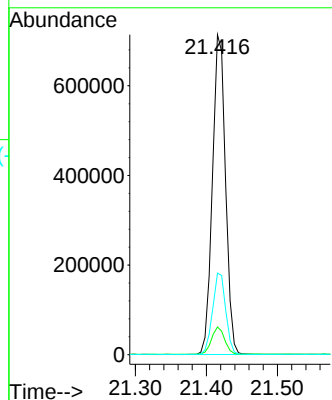
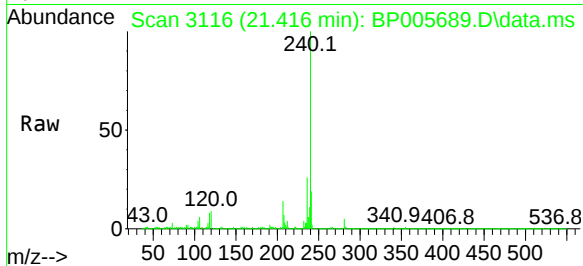




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

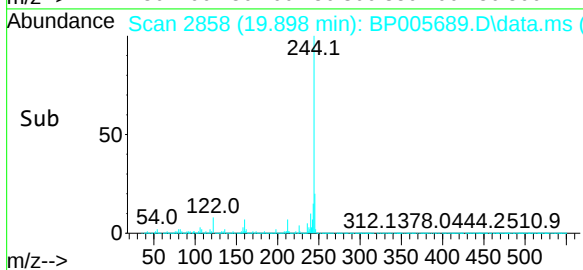
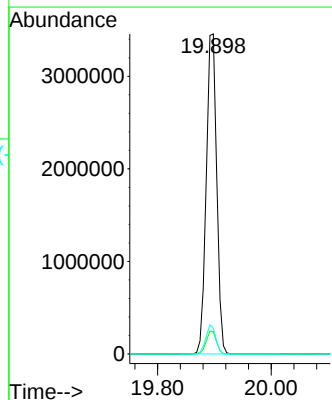
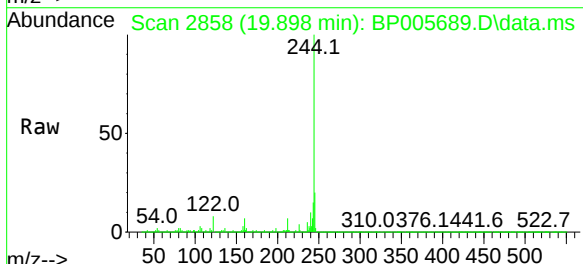
Instrument :
BNA_P
ClientSampleId :
C0AA1

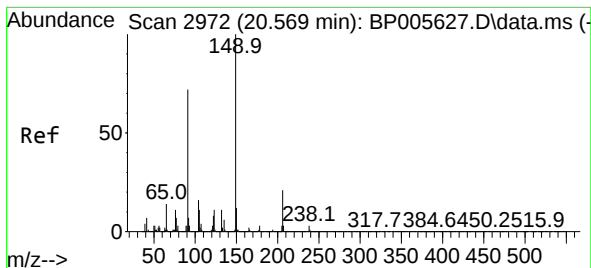
Tgt Ion:240 Resp: 912257
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.2#
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 90.31 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005689.D
Acq: 03 Jun 2021 16:23

Tgt Ion:244 Resp: 4390539
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.1 5.2 7.8#





#80

Butylbenzylphthalate

Concen: 4.15 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.024 min

Lab File: BP005689.D

Acq: 03 Jun 2021 16:23

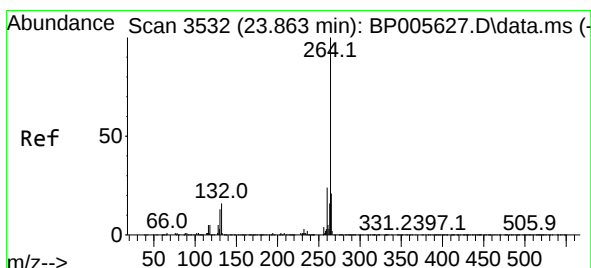
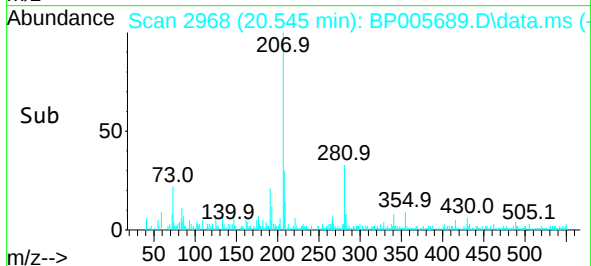
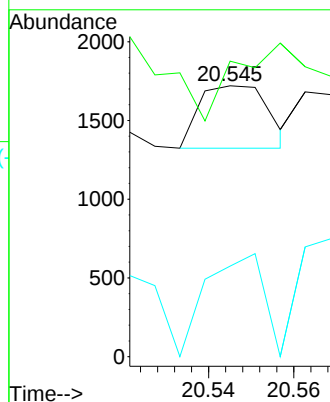
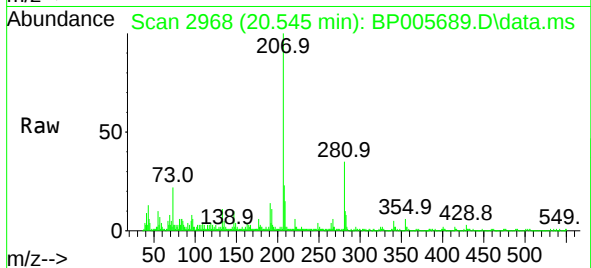
Instrument :

BNA_P

ClientSampleId :

C0AA1

Tgt Ion:149	Resp:	446
Ion	Ratio	Lower Upper
149	100	
91	109.1	60.2 90.4#
206	33.4	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: BP005689.D

Acq: 03 Jun 2021 16:23

Tgt Ion:264	Resp:	1109398
Ion	Ratio	Lower Upper
264	100	
260	23.5	20.6 30.8
265	22.0	19.0 28.6

