

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005706.D
 Acq On : 04 Jun 2021 11:17
 Operator : CG/JU
 Sample : PB136792BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136792BL

Quant Time: Jun 04 13:48:37 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)

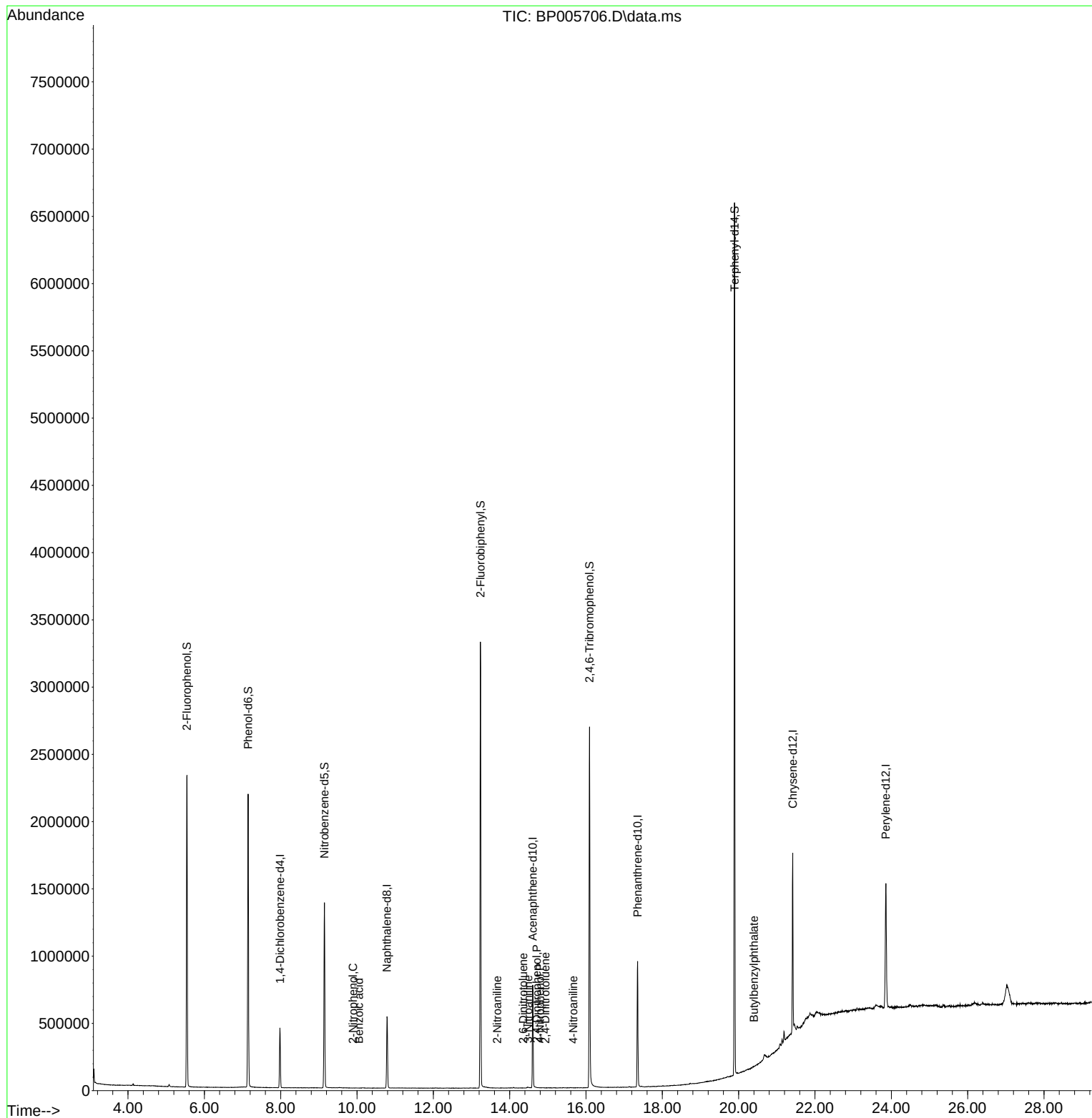
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	118932	20.000	ng	-0.01
21) Naphthalene-d8	10.787	136	451420	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	276445	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	583702	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	652146	20.000	ng	# 0.00
86) Perylene-d12	23.856	264	756082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1025688	134.082	ng	0.00
7) Phenol-d6	7.146	99	1213544	116.369	ng	0.00
23) Nitrobenzene-d5	9.145	82	781786	96.314	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	565252	159.458	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	1739146	83.258	ng	0.00
79) Terphenyl-d14	19.892	244	2902786	83.523	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.898	139	30	4.164	ng	# 1
32) Benzoic acid	10.051	122	42	5.023	ng	# 1
48) 2-Nitroaniline	13.675	65	53	4.498	ng	# 41
51) 2,6-Dinitrotoluene	14.351	165	45	5.067	ng	95
53) 3-Nitroaniline	14.486	138	28	3.658	ng	# 1
54) 2,4-Dinitrophenol	14.710	184	41	6.546	ng	# 56
56) 4-Nitrophenol	14.792	139	37	3.753	ng	# 88
57) 2,4-Dinitrotoluene	14.933	165	94	4.275	ng	# 33
62) 4-Nitroaniline	15.669	138	22	3.634	ng	# 1
80) Butylbenzylphthalate	20.404	149	374	4.149	ng	93

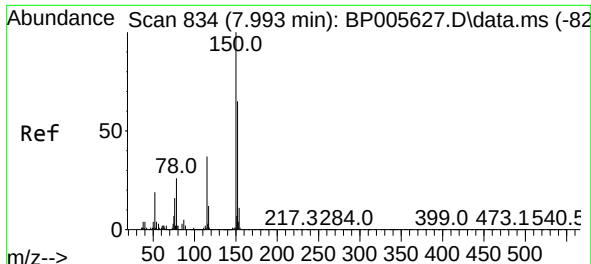
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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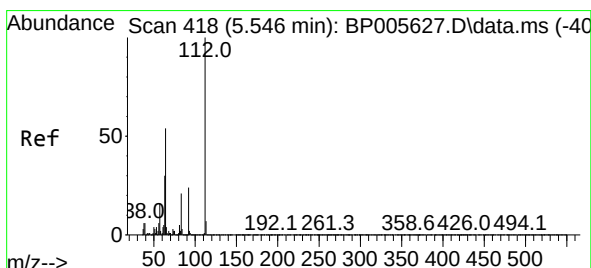
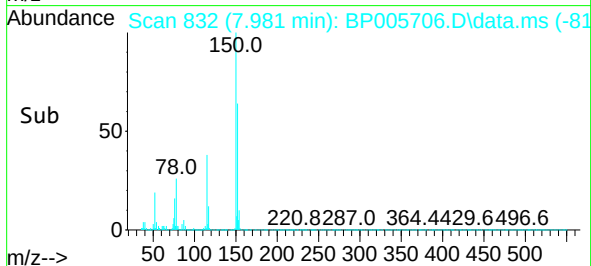
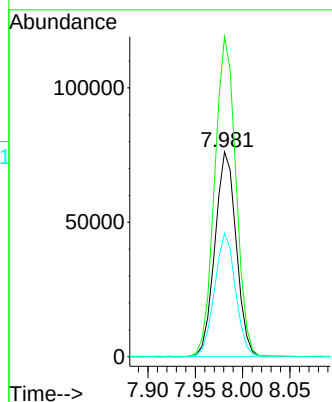
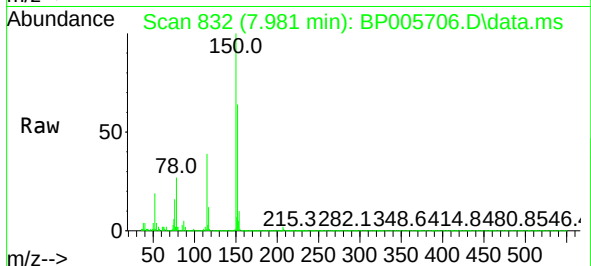




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

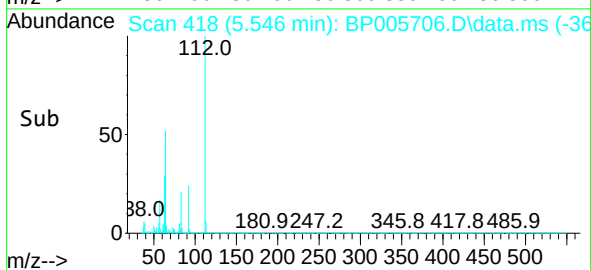
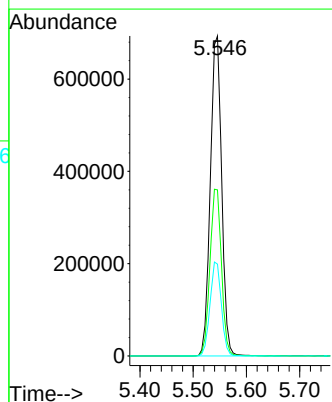
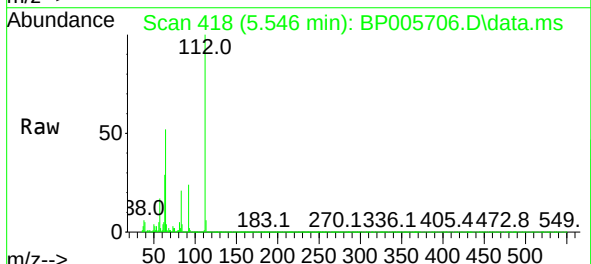
Instrument :
BNA_P
ClientSampleId :
PB136792BL

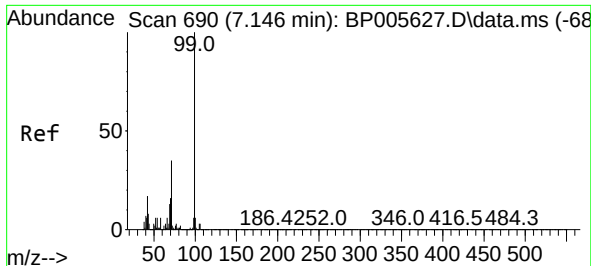
Tgt Ion:152 Resp: 118932
Ion Ratio Lower Upper
152 100
150 156.2 119.8 179.8
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 134.082 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

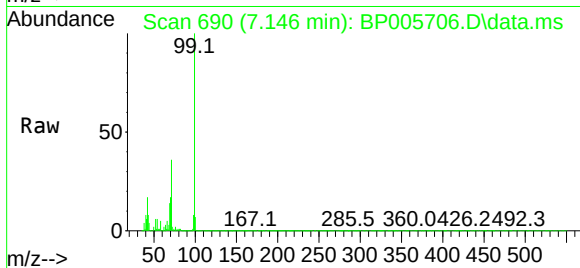
Tgt Ion:112 Resp: 1025688
Ion Ratio Lower Upper
112 100
64 51.9 33.6 50.4#
63 28.7 18.6 27.8#





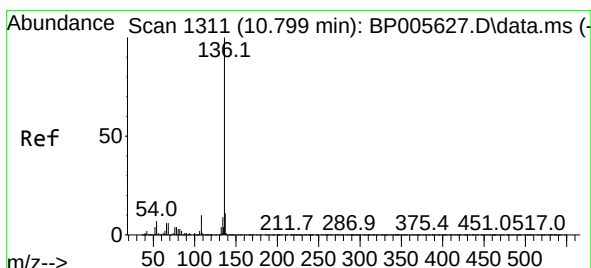
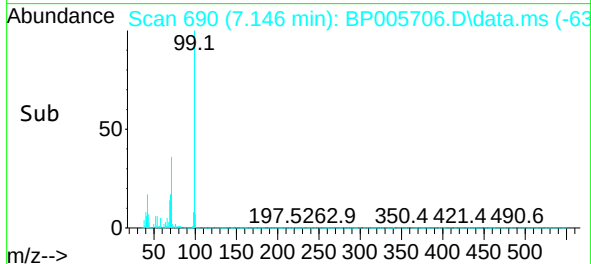
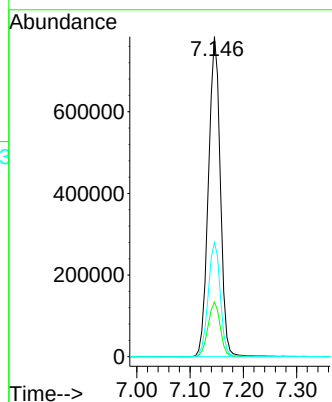
#7
Phenol-d6
Concen: 116.369 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

Instrument :
BNA_P
ClientSampleId :
PB136792BL

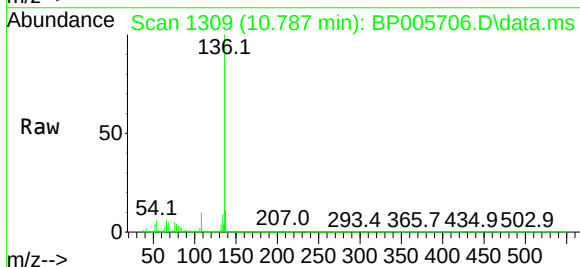


Tgt Ion: 99 Resp: 1213544

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.9	19.3
71	35.7	26.7	40.1

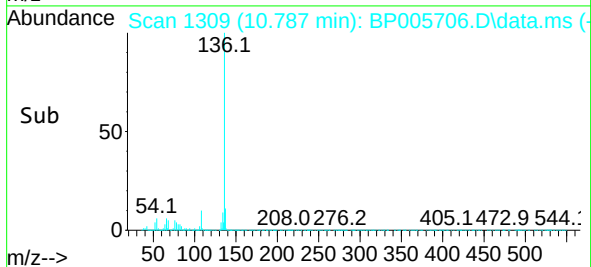
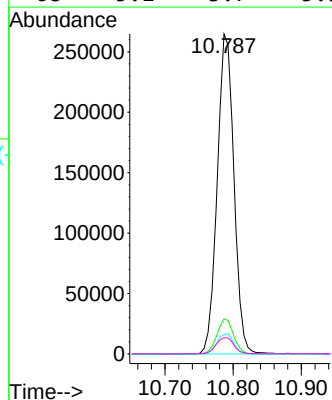


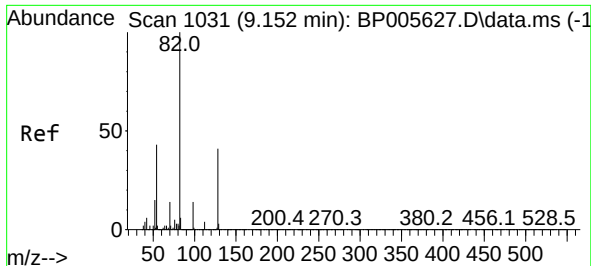
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17



Tgt Ion: 136 Resp: 451420

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	5.0	7.4
68	5.1	3.7	5.5

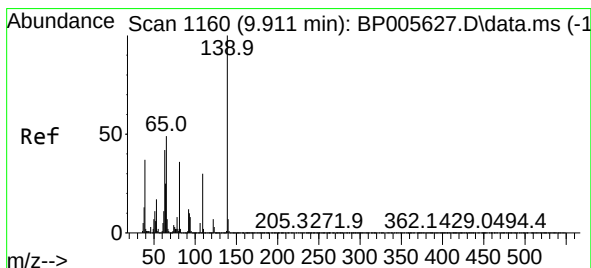
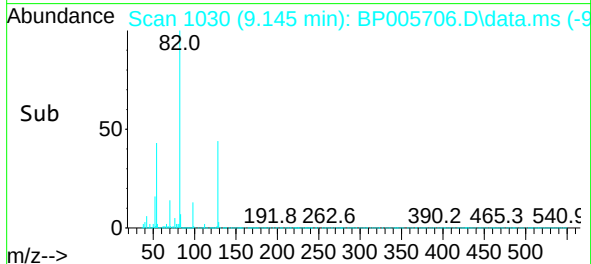
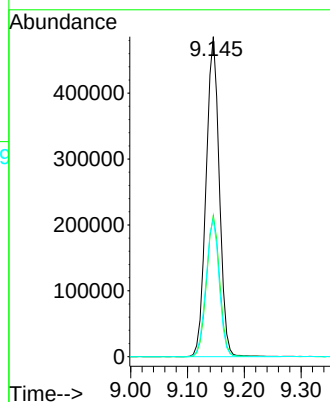
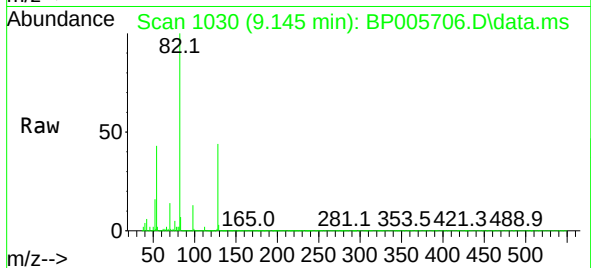




#23
Nitrobenzene-d5
Concen: 96.314 ng
RT: 9.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

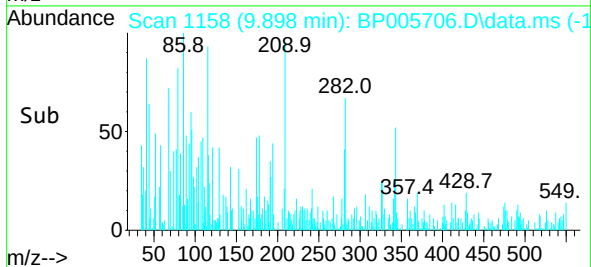
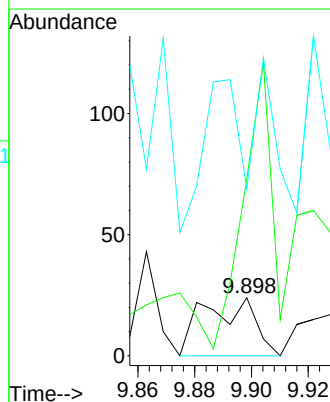
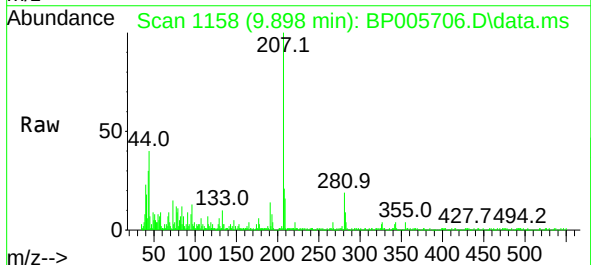
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BNA_P
ClientSampleId :
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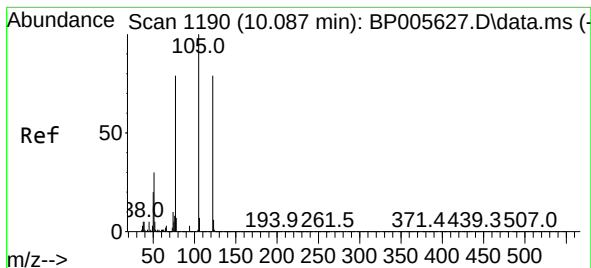
Tgt Ion: 82 Resp: 781786
Ion Ratio Lower Upper
82 100
128 44.1 30.5 45.7
54 43.1 33.9 50.9



#26
2-Nitrophenol
Concen: 4.164 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.013 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

Tgt Ion:139 Resp: 30
Ion Ratio Lower Upper
139 100
109 304.2 40.7 61.1#
65 287.5 47.8 71.6#

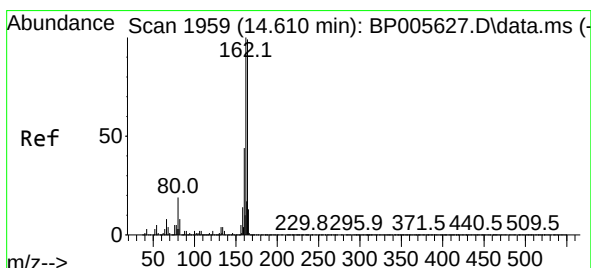
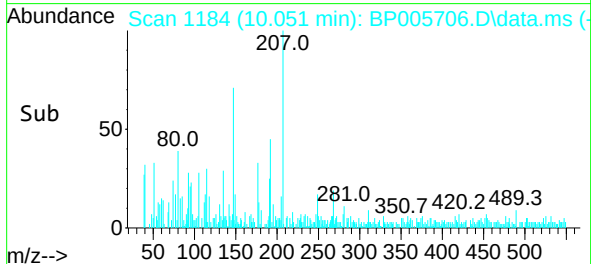
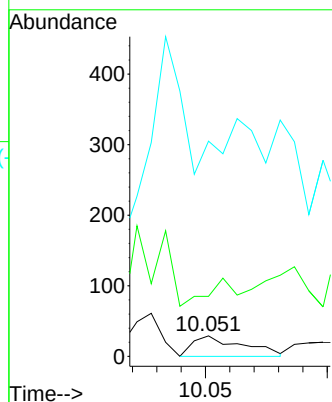
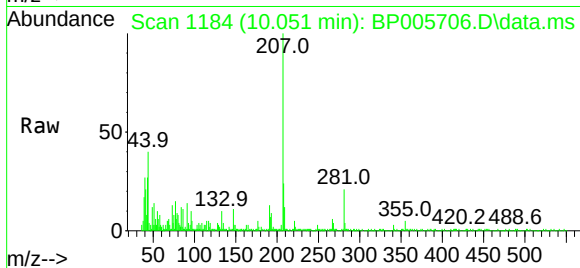




#32
Benzoic acid
Concen: 5.023 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.036 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

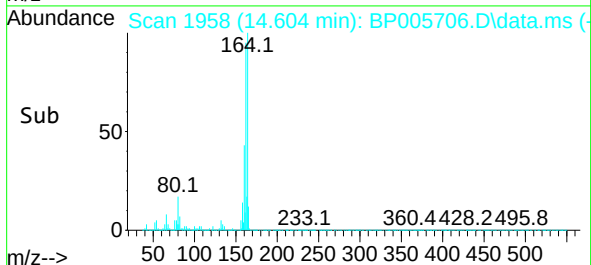
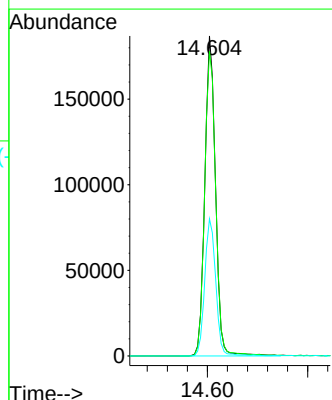
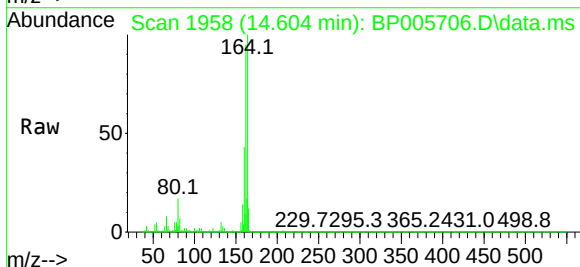
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BNA_P
ClientSampleId :
PB136792BL

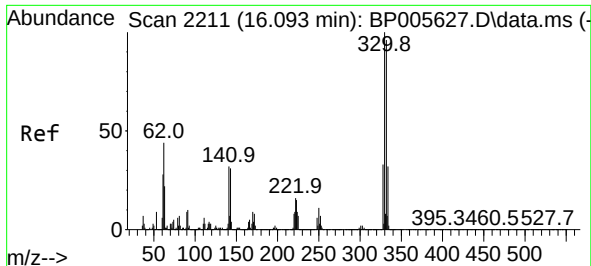
Tgt Ion:122 Resp: 42
Ion Ratio Lower Upper
122 100
105 293.1 105.1 145.1#
77 1051.7 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

Tgt Ion:164 Resp: 276445
Ion Ratio Lower Upper
164 100
162 95.3 73.5 110.3
160 42.9 40.6 61.0

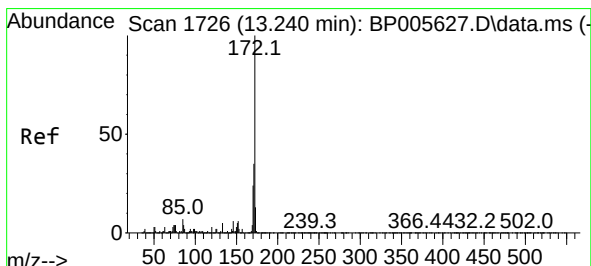
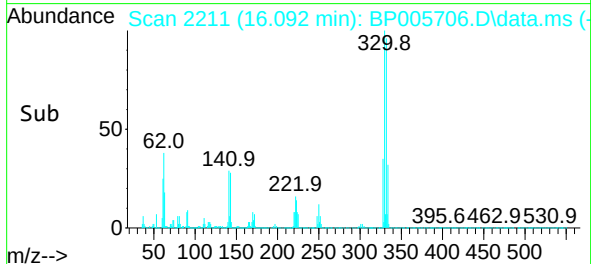
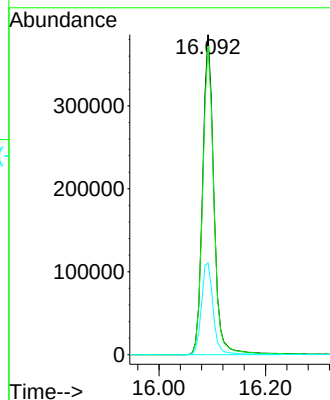
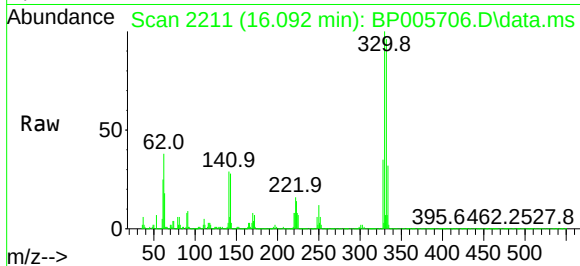




#42
2,4,6-Tribromophenol
Concen: 159.458 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

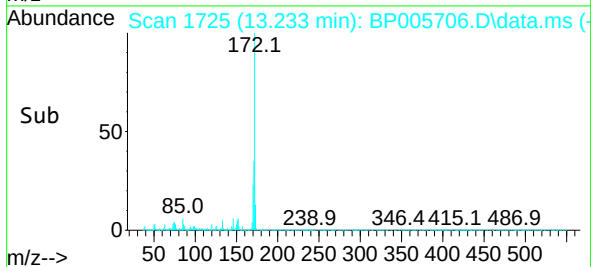
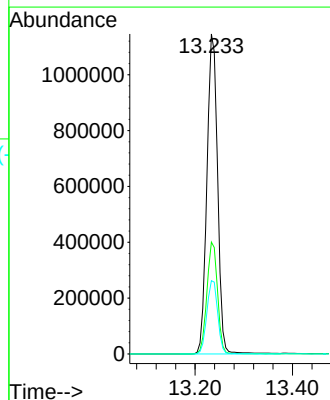
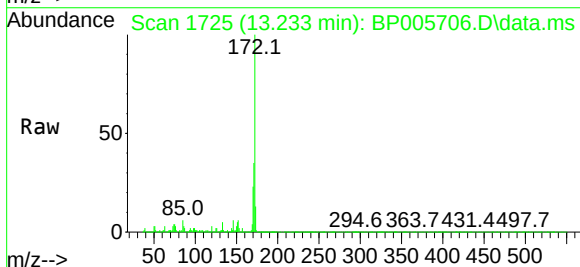
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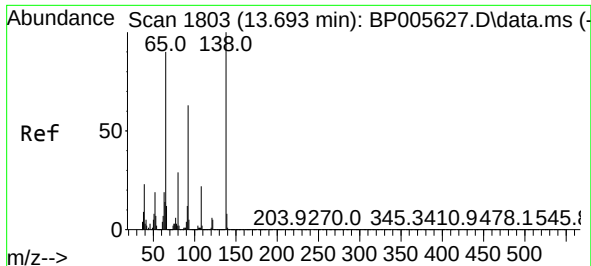
Tgt Ion:330 Resp: 565252
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 30.2 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 83.258 ng
RT: 13.233 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

Tgt Ion:172 Resp: 1739146
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.9 19.6 29.4

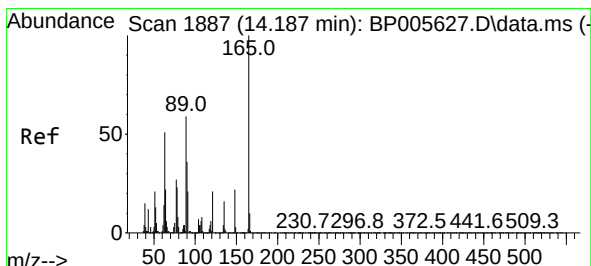
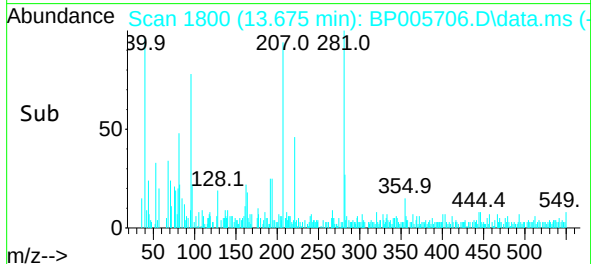
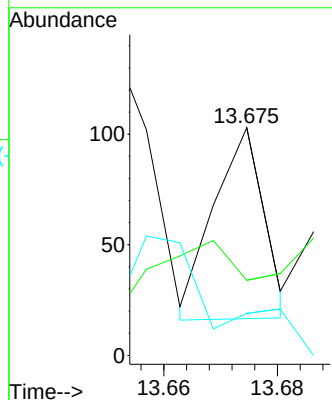
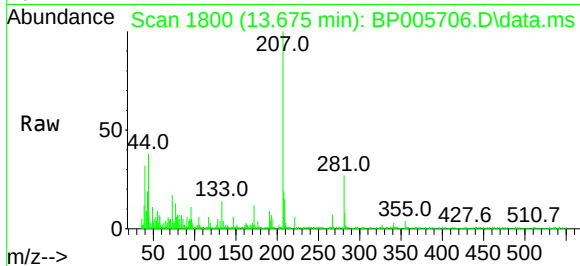




#48
2-Nitroaniline
Concen: 4.498 ng
RT: 13.675 min Scan# 1800
Delta R.T. -0.018 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

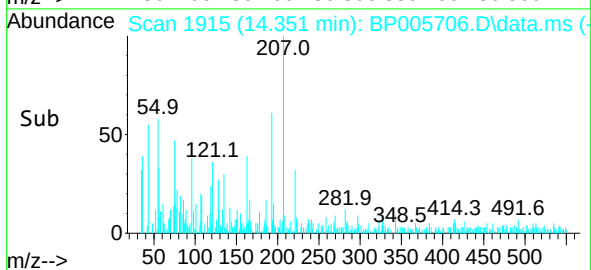
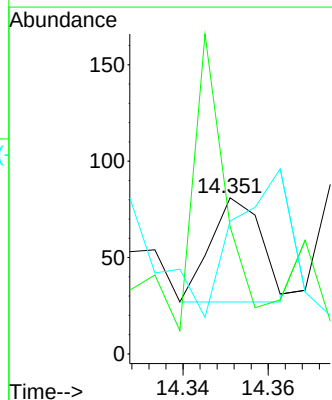
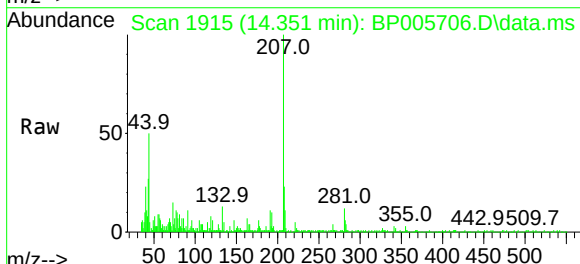
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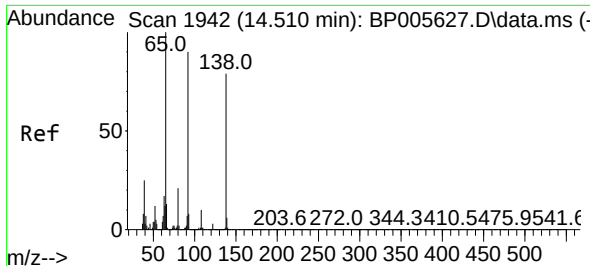
Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 33.0 48.8 73.2#
138 18.4 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.067 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.164 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

Tgt Ion: 165 Resp: 45
Ion Ratio Lower Upper
165 100
63 81.5 67.4 101.0
89 85.2 73.8 110.6

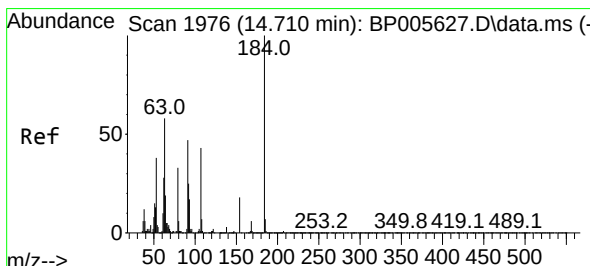
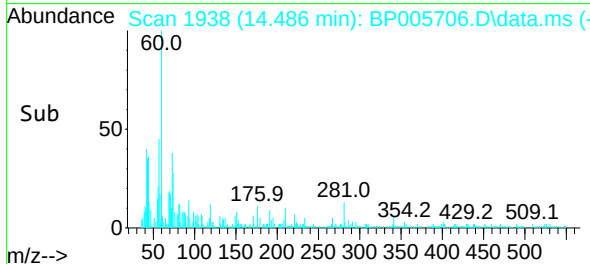
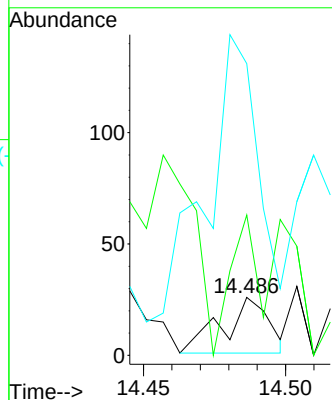
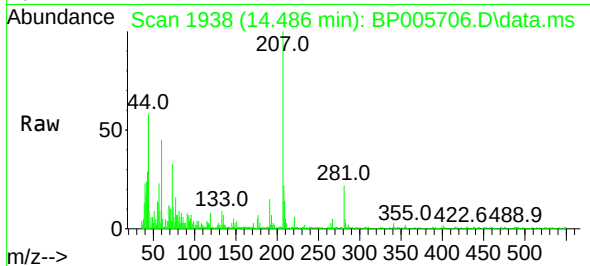




#53
3-Nitroaniline
Concen: 3.658 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.024 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

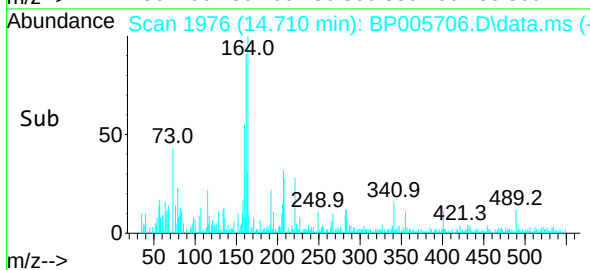
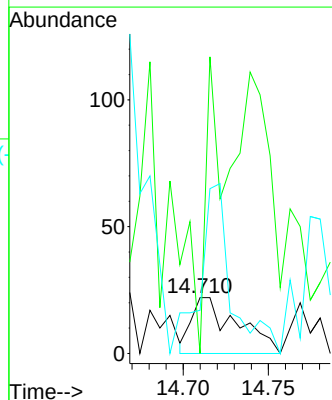
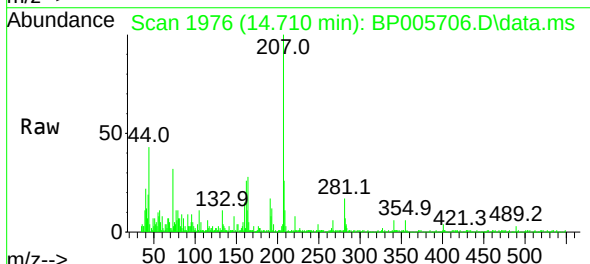
Instrument :
BNA_P
ClientSampleId :
PB136792BL

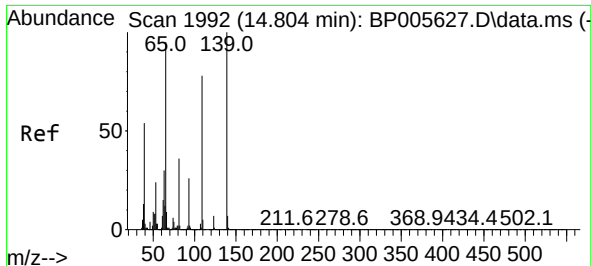
Tgt Ion:138 Resp: 28
Ion Ratio Lower Upper
138 100
108 242.3 10.2 15.4#
92 503.8 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.546 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

Tgt Ion:184 Resp: 41
Ion Ratio Lower Upper
184 100
63 0.0 51.2 76.8#
154 77.3 55.8 83.8

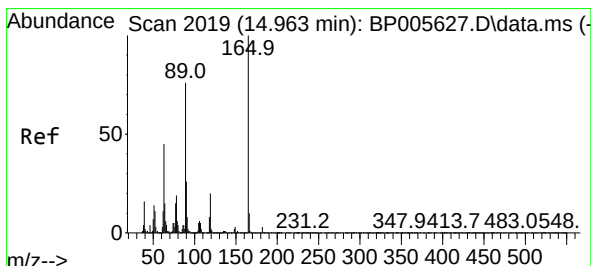
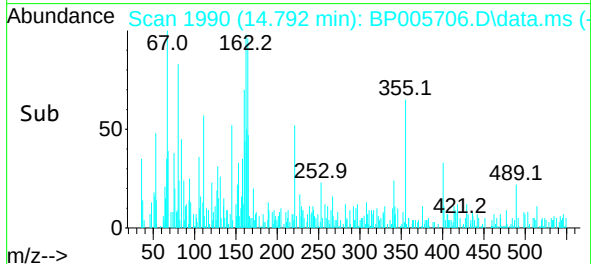
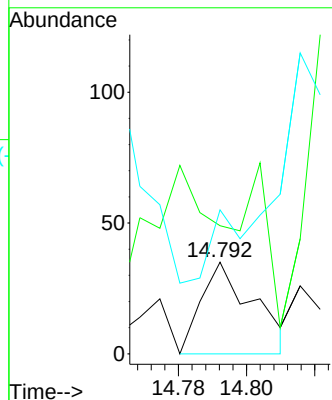
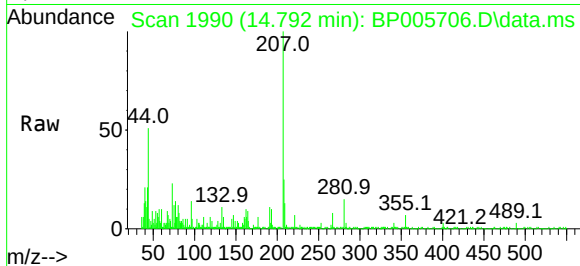




#56
4-Nitrophenol
Concen: 3.753 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

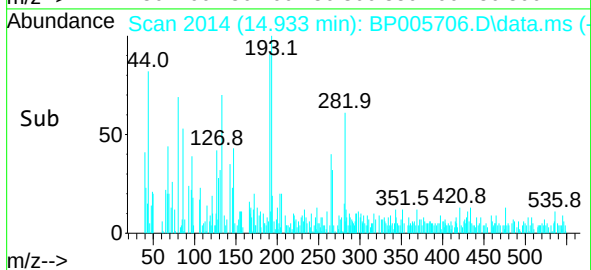
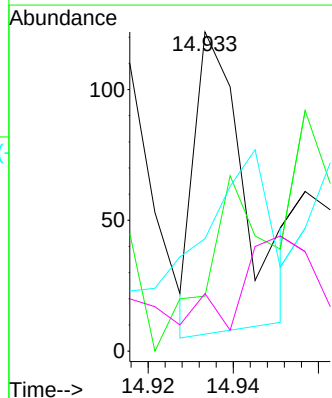
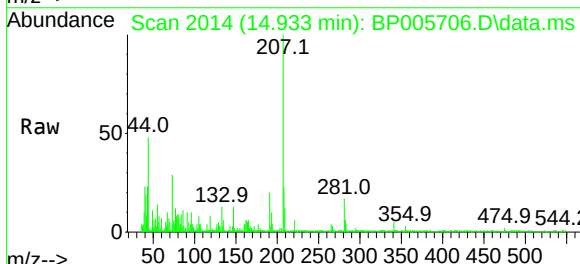
Instrument :
BNA_P
ClientSampleId :
PB136792BL

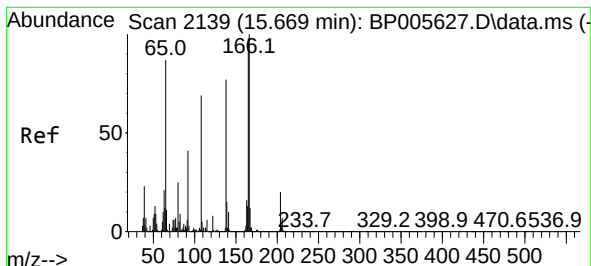
Tgt Ion:139 Resp: 37
Ion Ratio Lower Upper
139 100
109 140.0 122.8 162.8
65 157.1 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.275 ng
RT: 14.933 min Scan# 2014
Delta R.T. -0.030 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

Tgt Ion:165 Resp: 94
Ion Ratio Lower Upper
165 100
63 17.2 56.7 85.1#
89 35.2 85.8 128.6#
182 18.0 3.0 4.6#

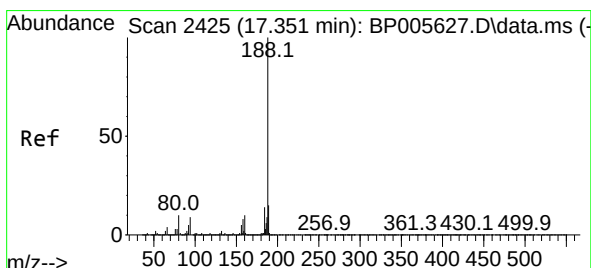
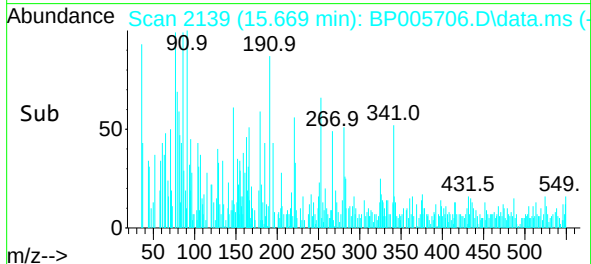
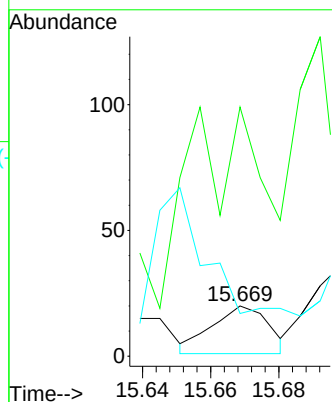
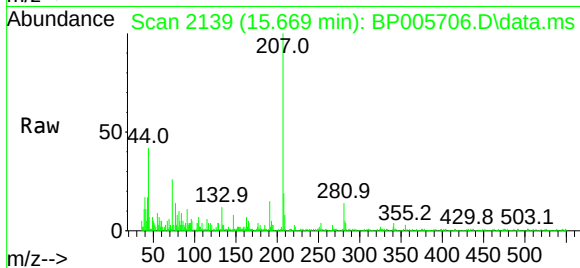




#62
4-Nitroaniline
Concen: 3.634 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

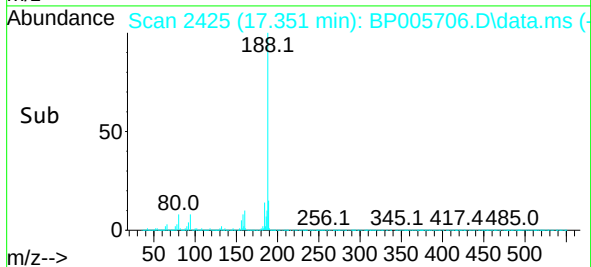
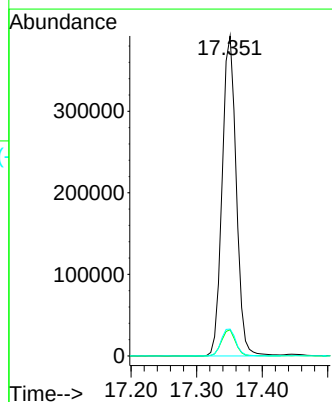
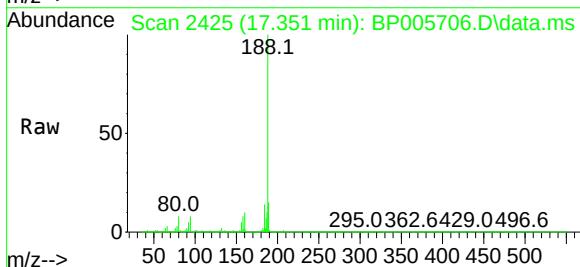
Instrument :
BNA_P
ClientSampleId :
PB136792BL

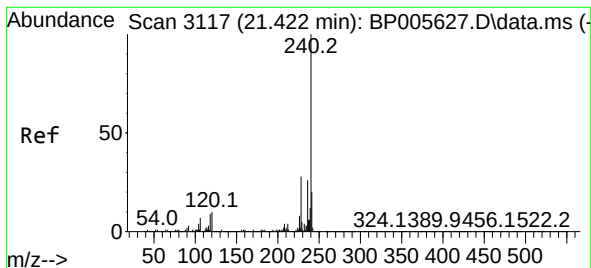
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
92 495.0 50.9 90.9#
108 85.0 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP005706.D
Acq: 04 Jun 2021 11:17

Tgt Ion:188 Resp: 583702
Ion Ratio Lower Upper
188 100
94 8.2 5.0 7.6#
80 8.4 5.9 8.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.007 min

Lab File: BP005706.D

Acq: 04 Jun 2021 11:17

Tgt Ion:240 Resp: 652146

Ion Ratio Lower Upper

240 100

120 9.0 4.2 6.2#

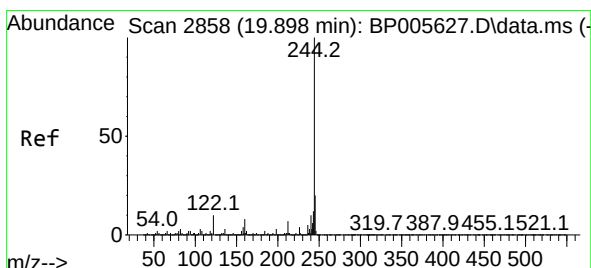
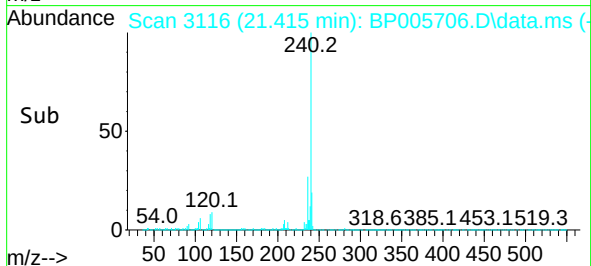
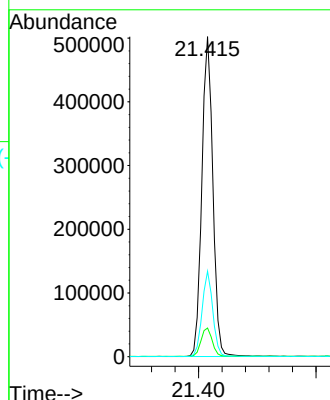
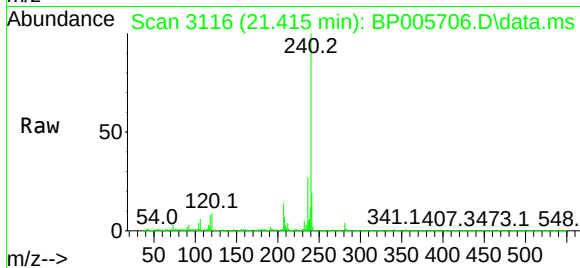
236 26.7 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

PB136792BL



#79

Terphenyl-d14

Concen: 83.523 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005706.D

Acq: 04 Jun 2021 11:17

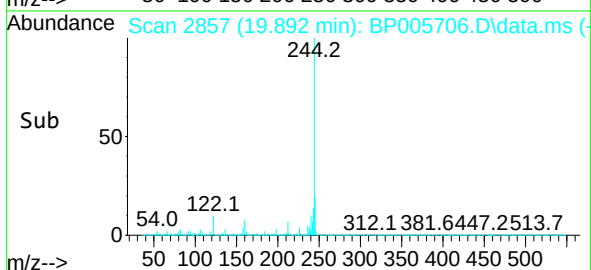
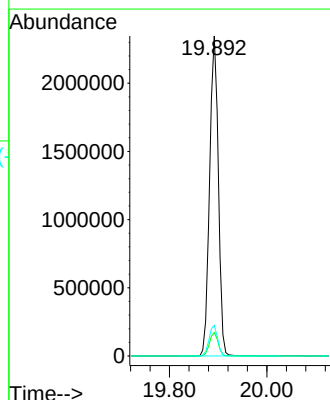
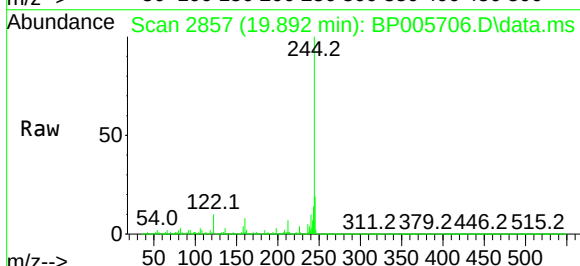
Tgt Ion:244 Resp: 2902786

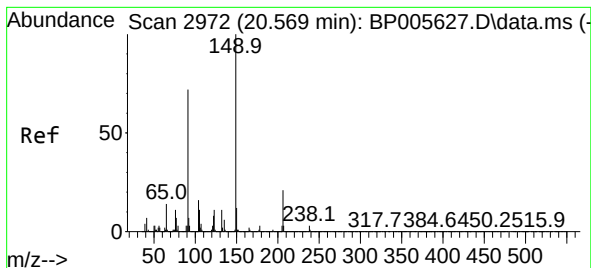
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.5 5.2 7.8#





#80

Butylbenzylphthalate

Concen: 4.149 ng

RT: 20.404 min Scan# 2944

Delta R.T. -0.165 min

Lab File: BP005706.D

Acq: 04 Jun 2021 11:17

Instrument :

BNA_P

ClientSampleId :

PB136792BL

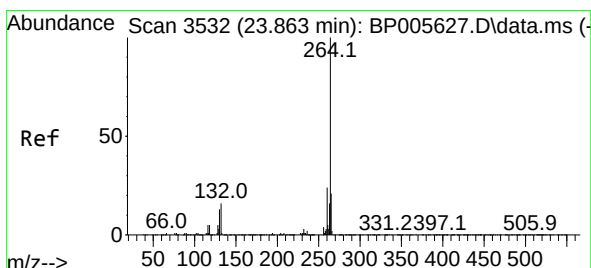
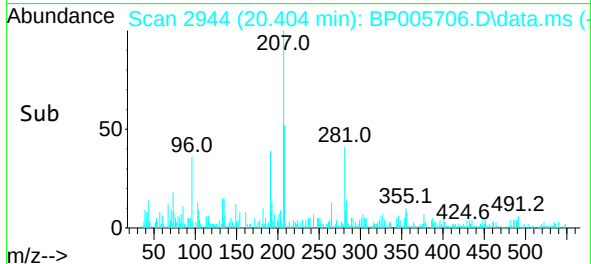
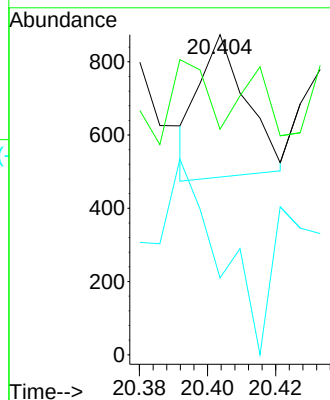
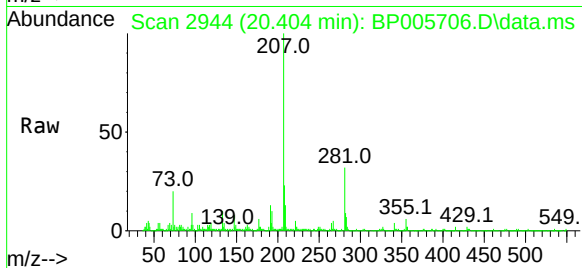
Tgt Ion:149 Resp: 374

Ion Ratio Lower Upper

149 100

91 70.5 60.2 90.4

206 24.0 23.9 35.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.856 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BP005706.D

Acq: 04 Jun 2021 11:17

Tgt Ion:264 Resp: 756082

Ion Ratio Lower Upper

264 100

260 24.2 20.6 30.8

265 22.4 19.0 28.6

