

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005758.D
 Acq On : 08 Jun 2021 01:54
 Operator : CG/JU
 Sample : PB136884BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136884BL

Quant Time: Jun 08 03:23:39 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)

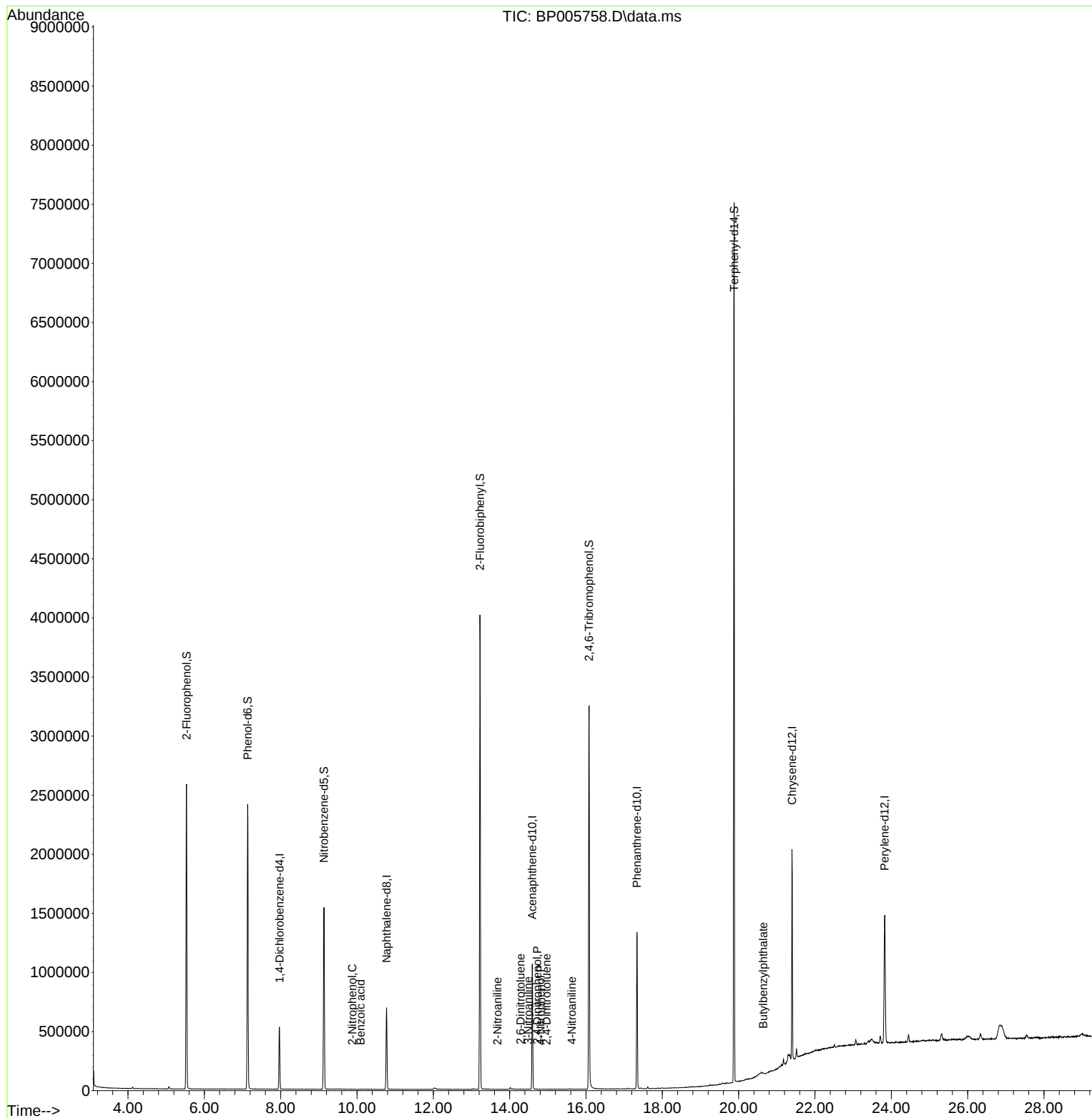
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	144006	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	569090	20.00	ng	-0.01
39) Acenaphthene-d10	14.592	164	365792	20.00	ng	-0.01
64) Phenanthrene-d10	17.333	188	805908	20.00	ng	-0.01
76) Chrysene-d12	21.398	240	882408	20.00	ng	#-0.02
86) Perylene-d12	23.827	264	876504	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1136484	122.70	ng	0.00
7) Phenol-d6	7.134	99	1362333	107.89	ng	0.00
23) Nitrobenzene-d5	9.134	82	894357	87.40	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	693014	147.75	ng	-0.01
45) 2-Fluorobiphenyl	13.222	172	2097643	75.89	ng	-0.01
79) Terphenyl-d14	19.880	244	3462070	73.62	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.875	139	2	4.16	ng	# 1
32) Benzoic acid	10.093	122	16	5.02	ng	# 1
48) 2-Nitroaniline	13.681	65	193	4.52	ng	# 48
51) 2,6-Dinitrotoluene	14.287	165	40	5.06	ng	86
53) 3-Nitroaniline	14.486	138	48	3.66	ng	# 32
54) 2,4-Dinitrophenol	14.722	184	16	6.53	ng	# 43
56) 4-Nitrophenol	14.810	139	9	3.75	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	165	4.28	ng	# 78
62) 4-Nitroaniline	15.628	138	11	3.63	ng	# 15
80) Butylbenzylphthalate	20.645	149	85	4.13	ng	88

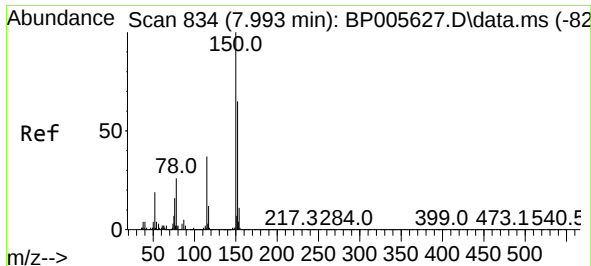
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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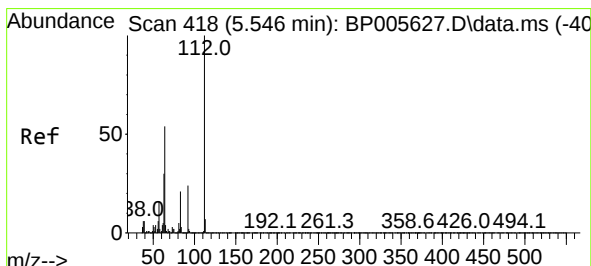
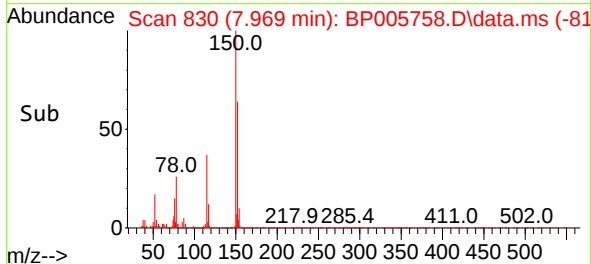
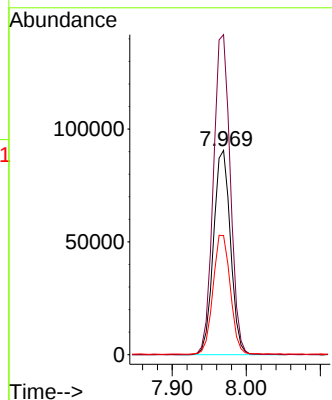
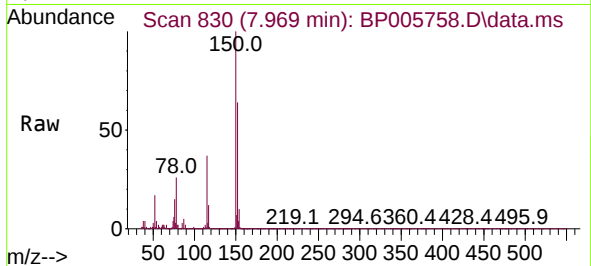




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

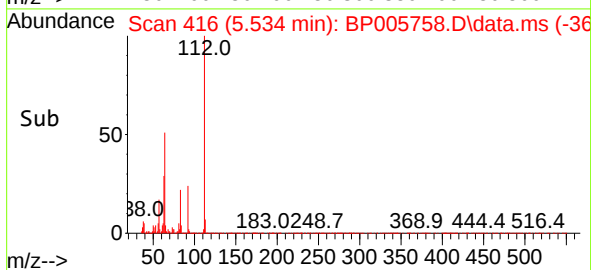
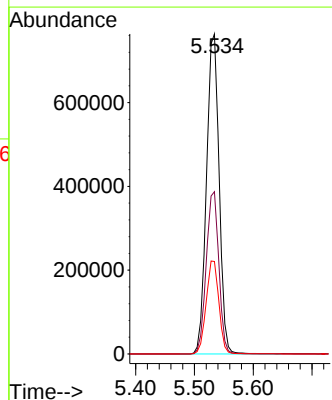
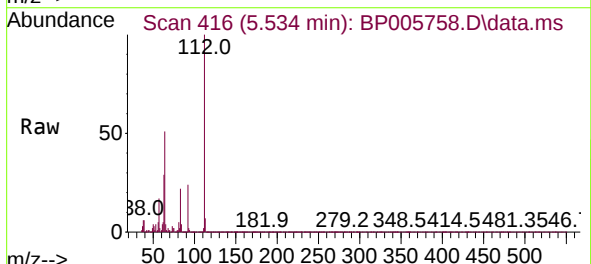
Instrument :
BNA_P
ClientSampleId :
PB136884BL

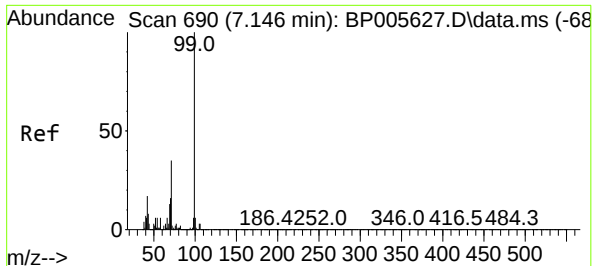
Tgt Ion:152 Resp: 144006
Ion Ratio Lower Upper
152 100
150 156.6 119.8 179.8
115 58.4 49.0 73.4



#5
2-Fluorophenol
Concen: 122.70 ng
RT: 5.534 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:112 Resp: 1136484
Ion Ratio Lower Upper
112 100
64 50.7 33.6 50.4#
63 28.9 18.6 27.8#



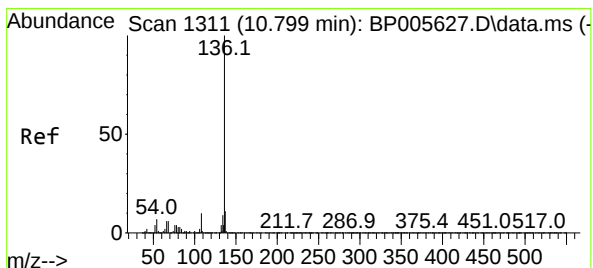
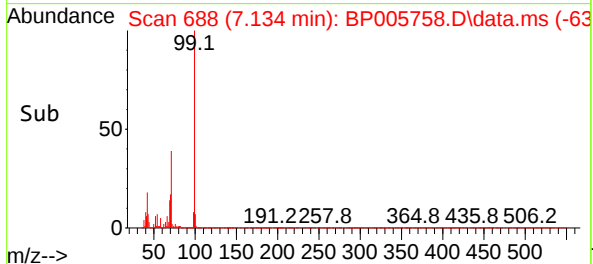
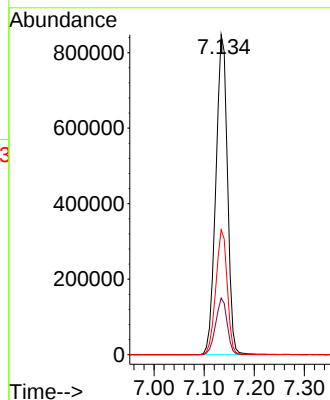
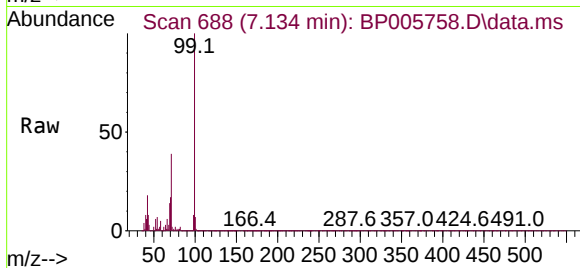


#7
Phenol-d6
Concen: 107.89 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Instrument :
BNA_P
ClientSampleId :
PB136884BL

Tgt Ion: 99 Resp: 1362333

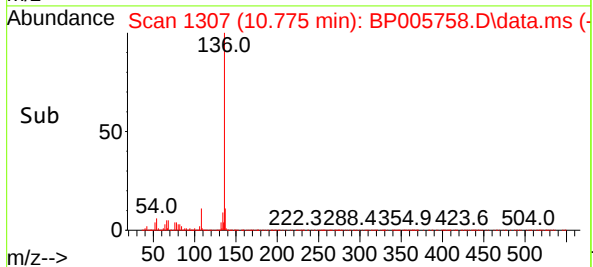
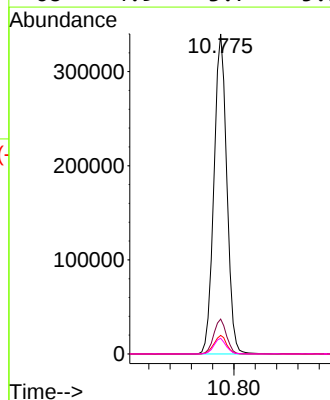
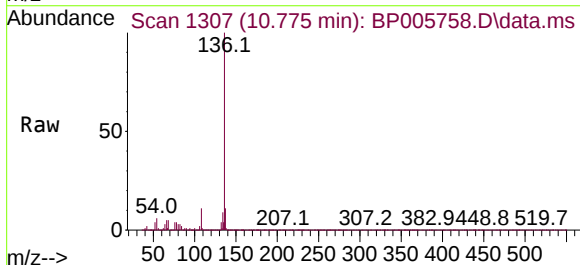
Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.9	19.3
71	39.1	26.7	40.1

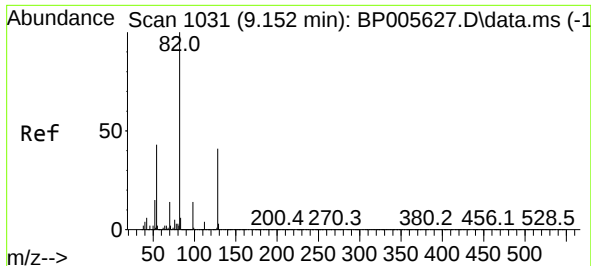


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:136 Resp: 569090

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	5.0	7.4
68	4.9	3.7	5.5

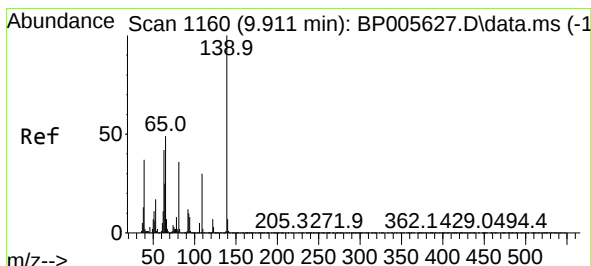
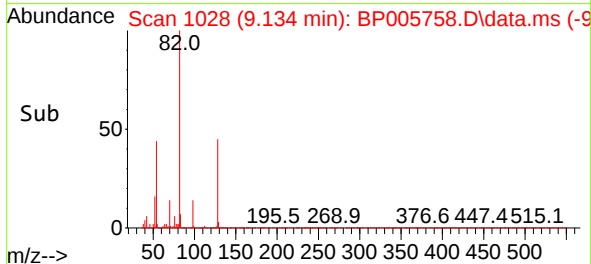
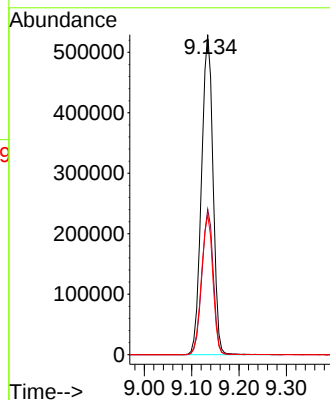
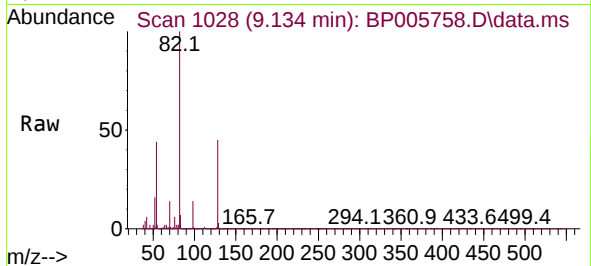




#23
Nitrobenzene-d5
Concen: 87.40 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

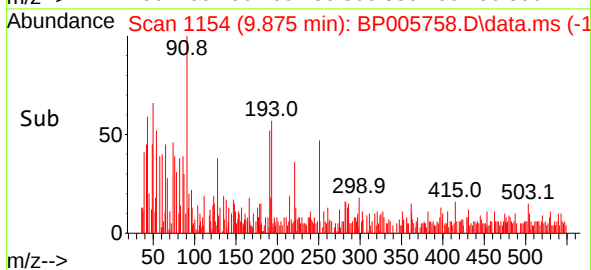
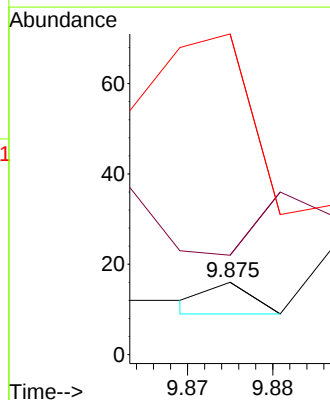
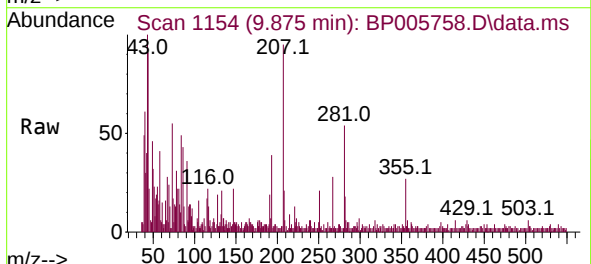
Instrument :
BNA_P
ClientSampleId :
PB136884BL

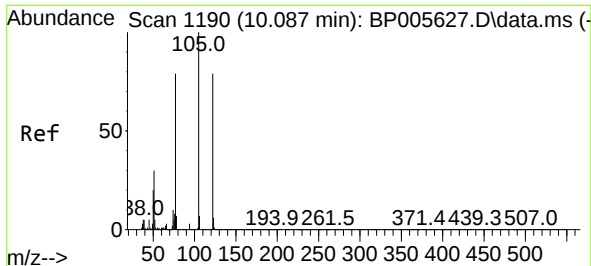
Tgt Ion: 82 Resp: 894357
Ion Ratio Lower Upper
82 100
128 45.4 30.5 45.7
54 43.7 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.024 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion: 139 Resp: 2
Ion Ratio Lower Upper
139 100
109 137.5 40.7 61.1#
65 443.8 47.8 71.6#

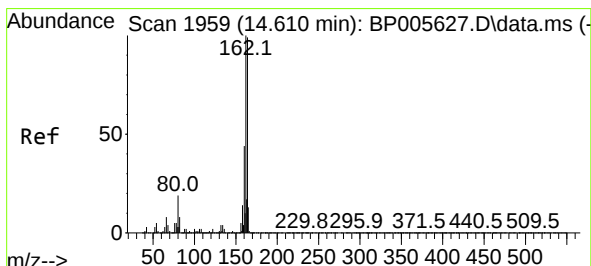
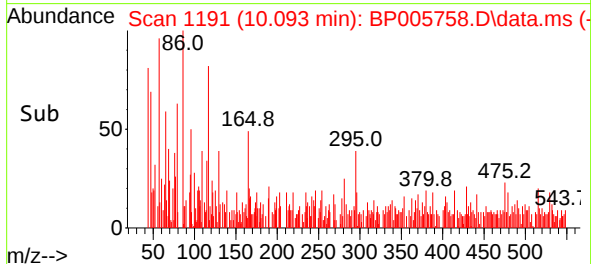
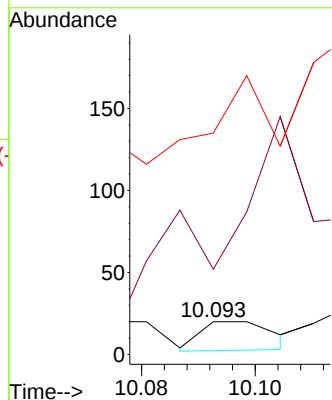
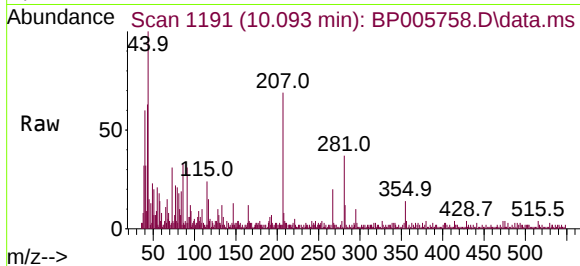




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.093 min Scan# 1191
Delta R.T. -0.018 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

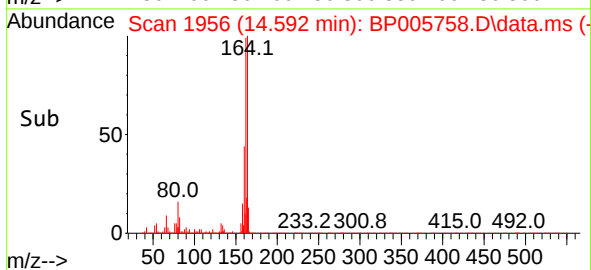
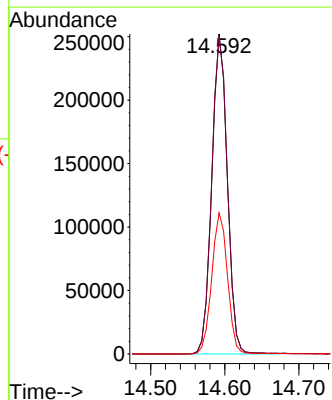
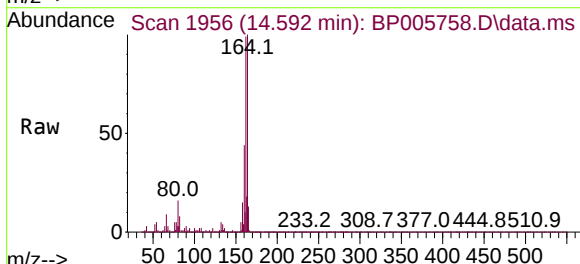
Instrument :
BNA_P
ClientSampleId :
PB136884BL

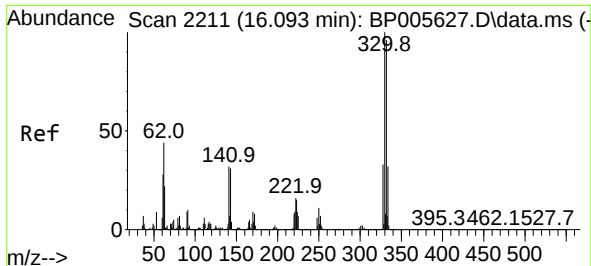
Tgt Ion:	122	Resp:	16
Ion	Ratio	Lower	Upper
122	100		
105	274.1	105.1	145.1#
77	500.0	69.6	109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:	164	Resp:	365792
Ion	Ratio	Lower	Upper
164	100		
162	99.4	73.5	110.3
160	44.1	40.6	61.0

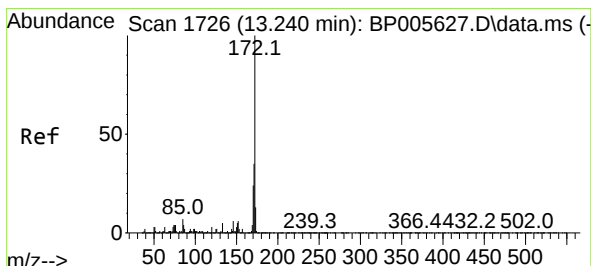
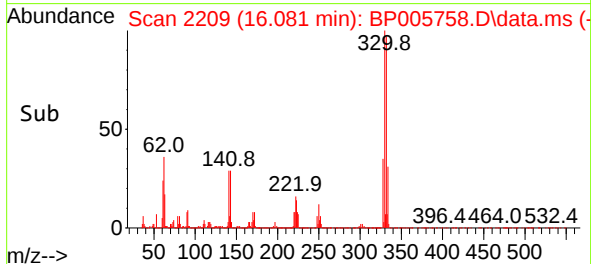
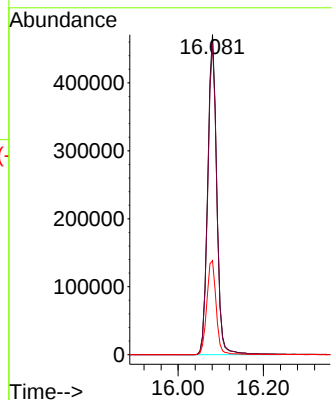
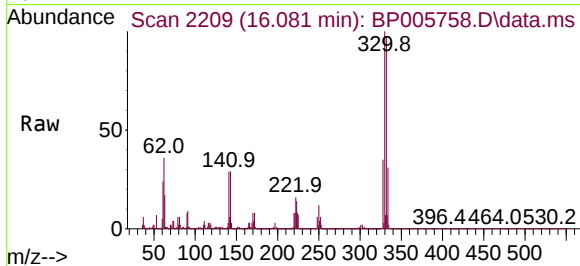




#42
2,4,6-Tribromophenol
Concen: 147.75 ng
RT: 16.081 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

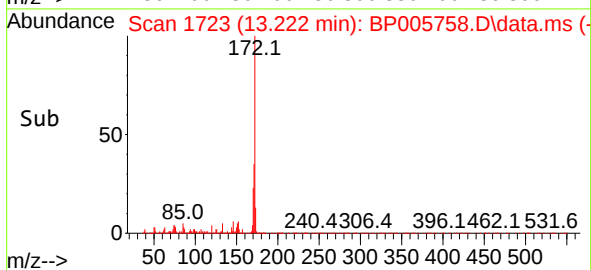
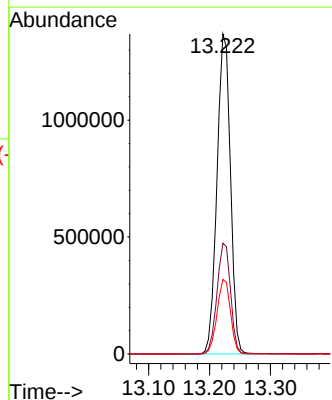
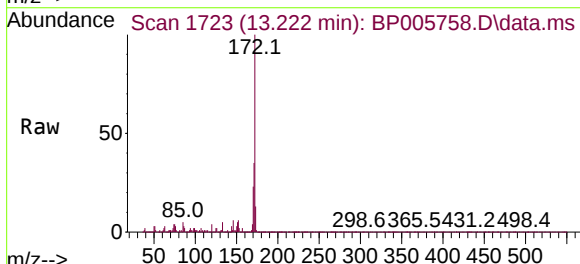
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ClientSampleId :
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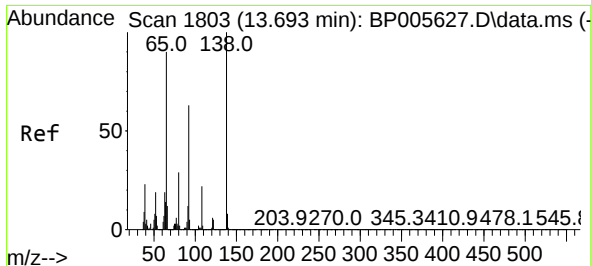
Tgt Ion:330 Resp: 693014
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 30.6 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 75.89 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:172 Resp: 2097643
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.3 19.6 29.4

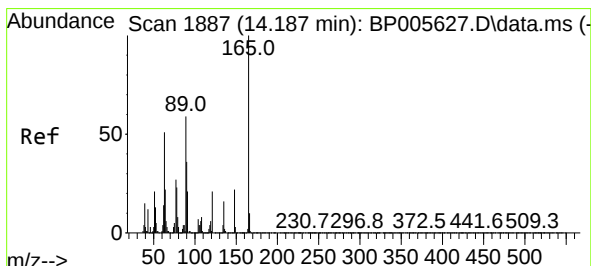
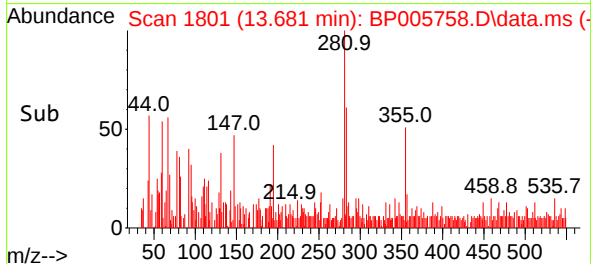
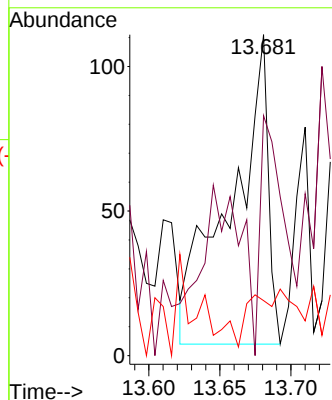
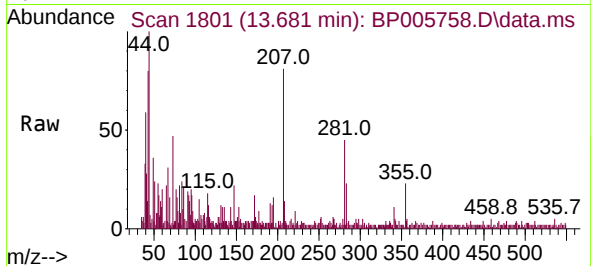




#48
2-Nitroaniline
Concen: 4.52 ng
RT: 13.681 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

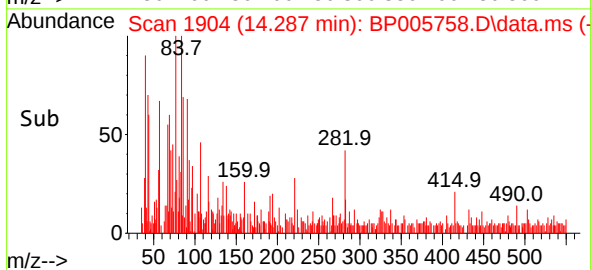
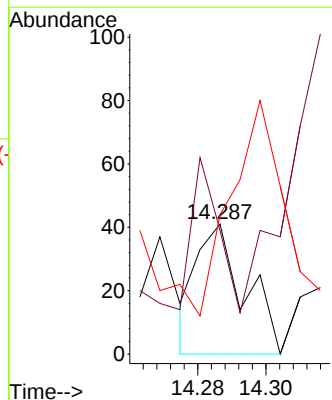
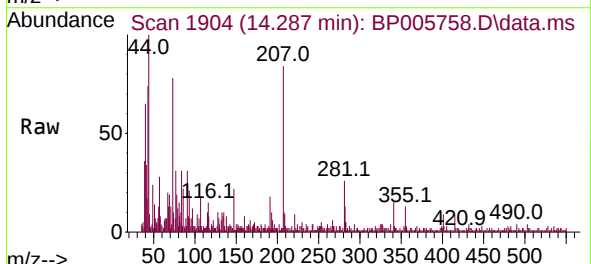
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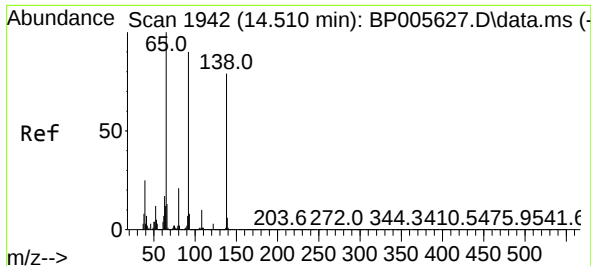
Tgt Ion: 65 Resp: 193
Ion Ratio Lower Upper
65 100
92 74.8 48.8 73.2#
138 17.1 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.06 ng
RT: 14.287 min Scan# 1904
Delta R.T. 0.106 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion: 165 Resp: 40
Ion Ratio Lower Upper
165 100
63 95.1 67.4 101.0
89 107.3 73.8 110.6

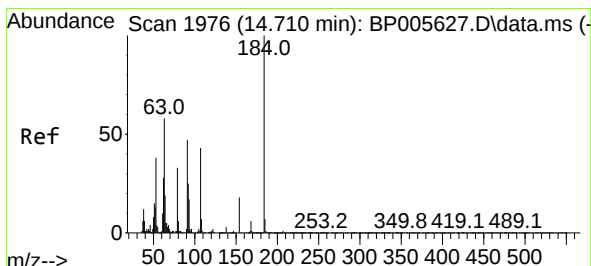
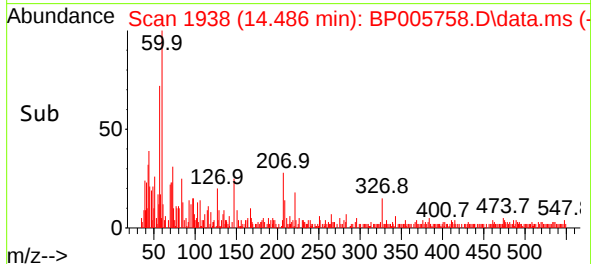
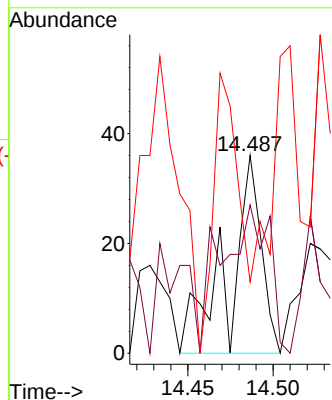
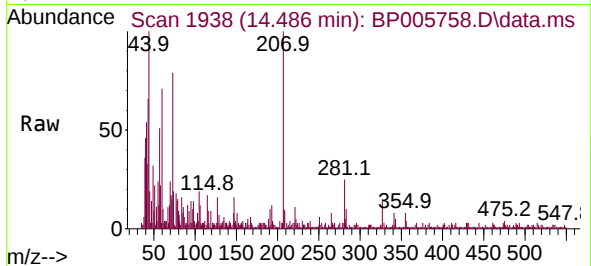




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.018 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

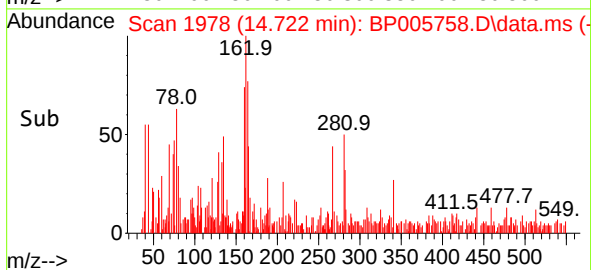
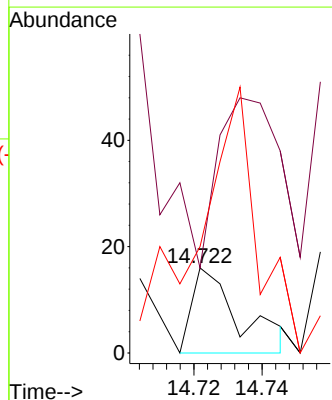
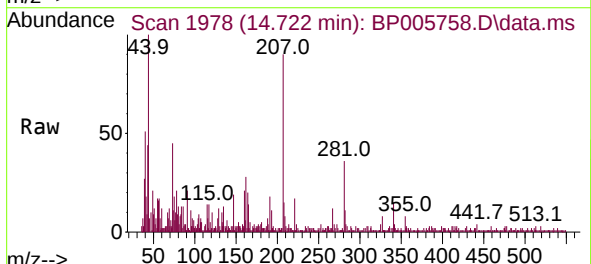
Instrument :
BNA_P
ClientSampled :
PB136884BL

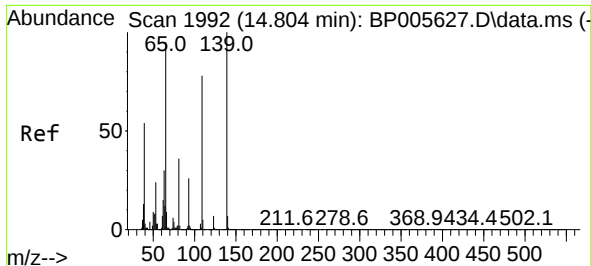
Tgt Ion:138 Resp: 48
Ion Ratio Lower Upper
138 100
108 75.0 10.2 15.4#
92 205.6 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 100.0 51.2 76.8#
154 125.0 55.8 83.8#

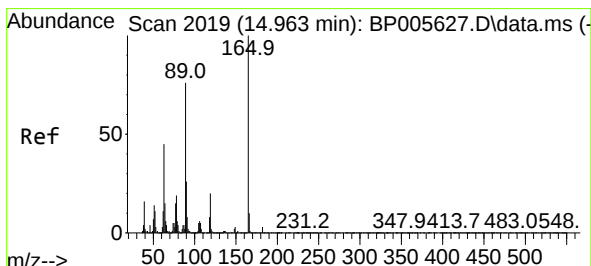
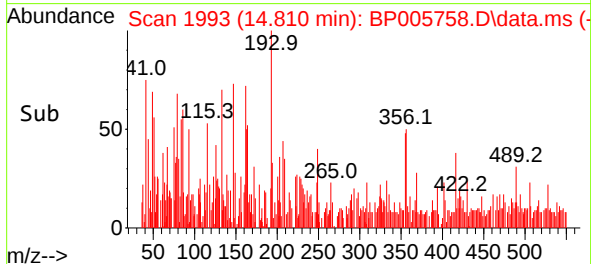
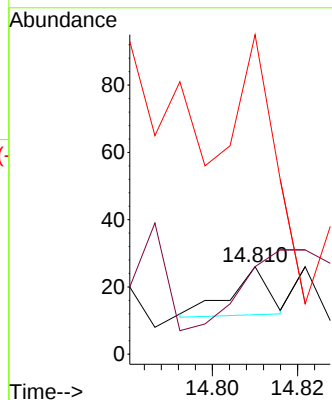
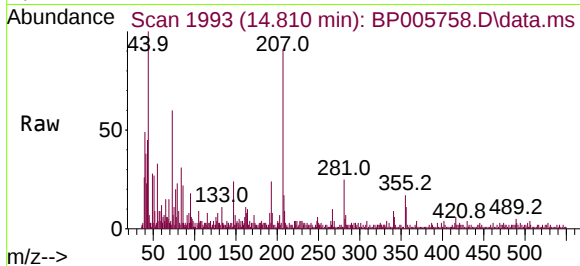




#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

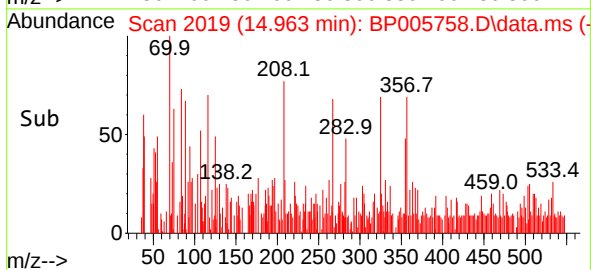
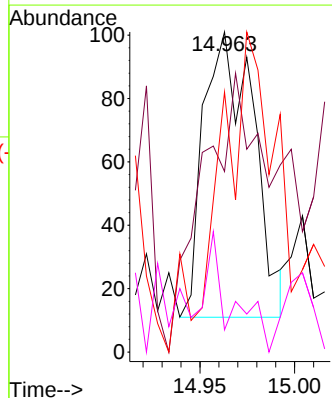
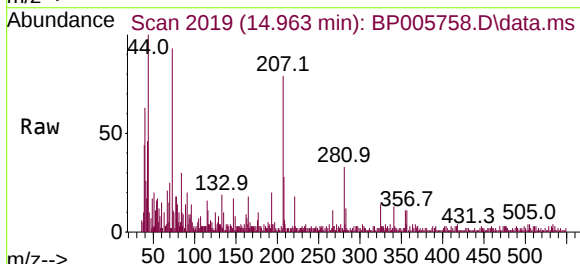
Instrument :
BNA_P
ClientSampleId :
PB136884BL

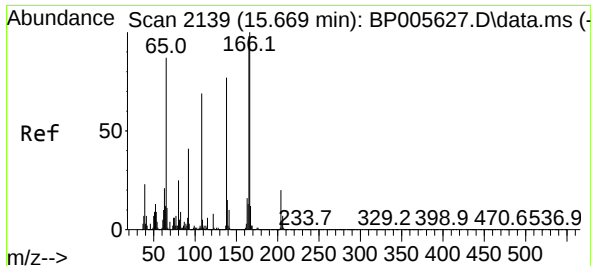
Tgt Ion:	139	Resp:	9
Ion	Ratio	Lower	Upper
139	100		
109	100.0	122.8	162.8#
65	365.4	110.0	150.0#



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:	165	Resp:	165
Ion	Ratio	Lower	Upper
165	100		
63	56.4	56.7	85.1#
89	81.2	85.8	128.6#
182	6.9	3.0	4.6#

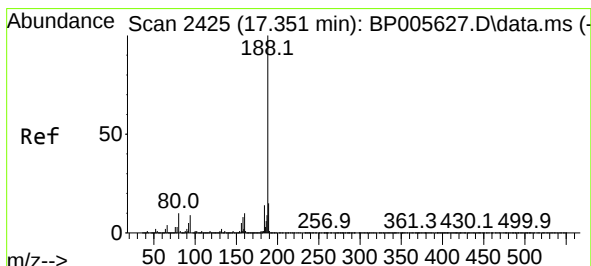
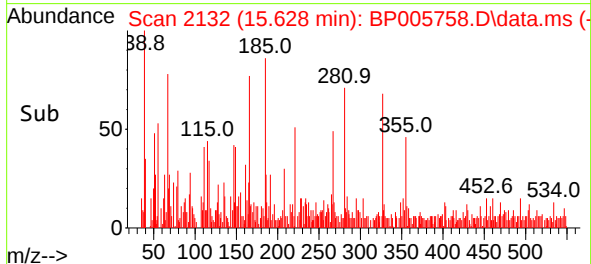
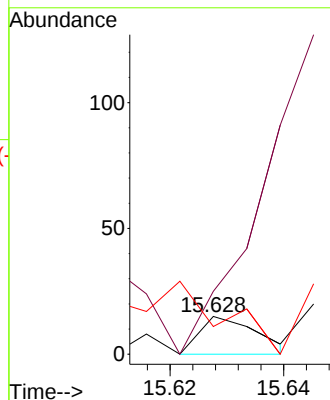
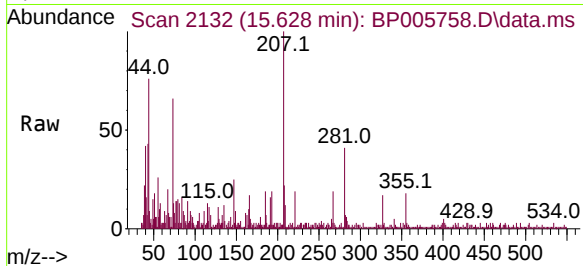




#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.035 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

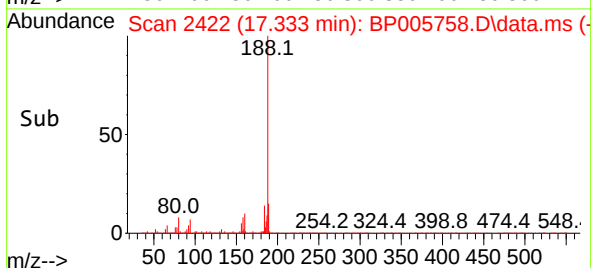
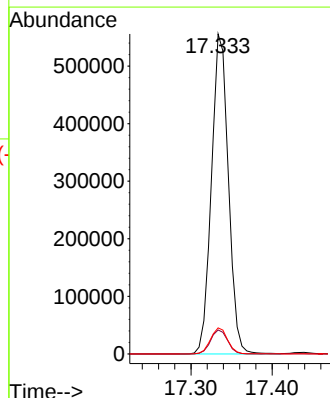
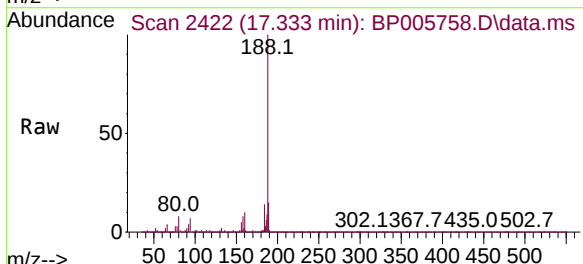
Instrument :
BNA_P
ClientSampleId :
PB136884BL

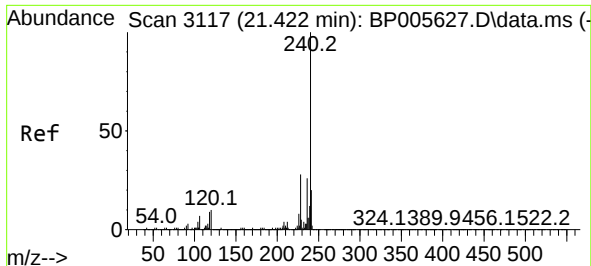
Tgt Ion:138 Resp: 11
Ion Ratio Lower Upper
138 100
92 166.7 50.9 90.9#
108 73.3 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:188 Resp: 805908
Ion Ratio Lower Upper
188 100
94 7.5 5.0 7.6
80 8.2 5.9 8.9

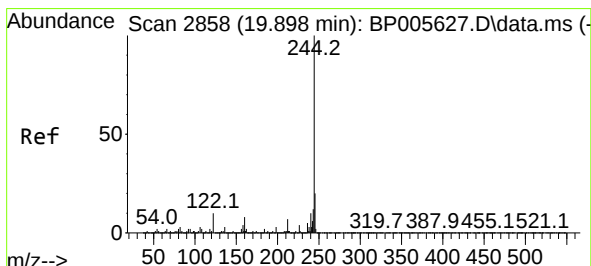
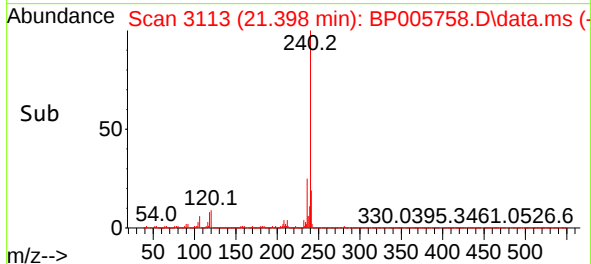
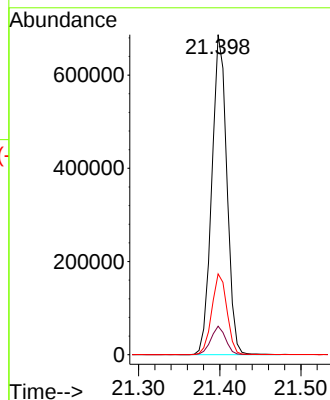
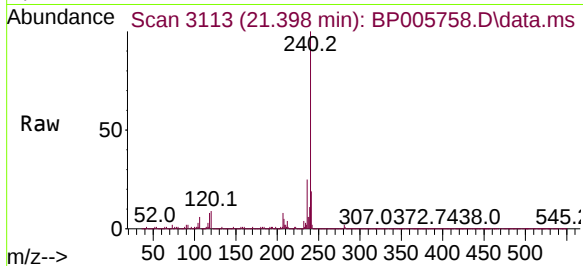




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

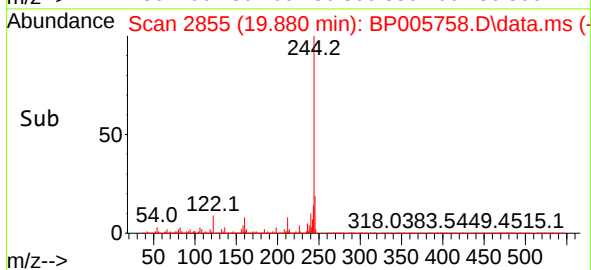
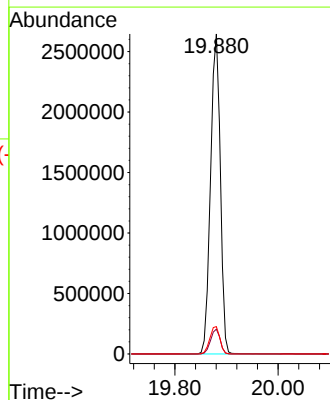
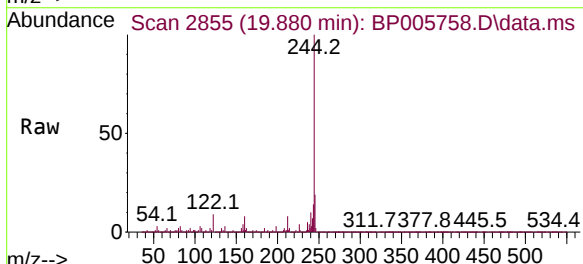
Instrument :
BNA_P
ClientSampleId :
PB136884BL

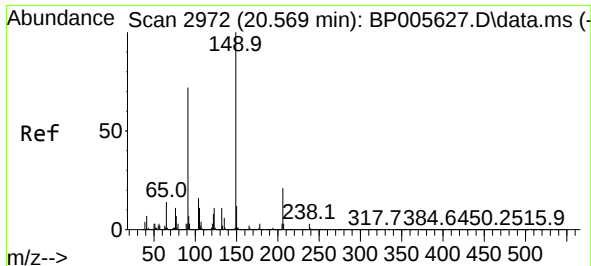
Tgt Ion:240 Resp: 882408
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 73.62 ng
RT: 19.880 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:244 Resp: 3462070
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 8.5 5.2 7.8#

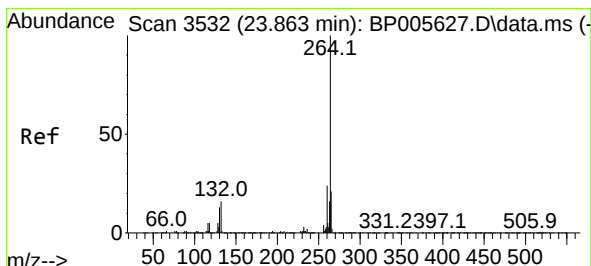
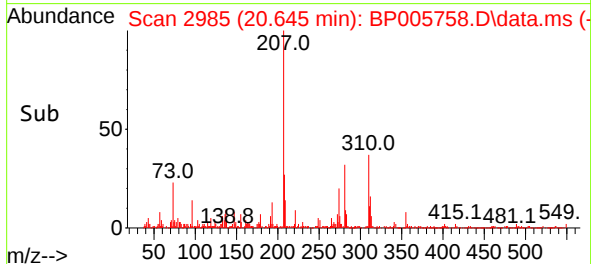
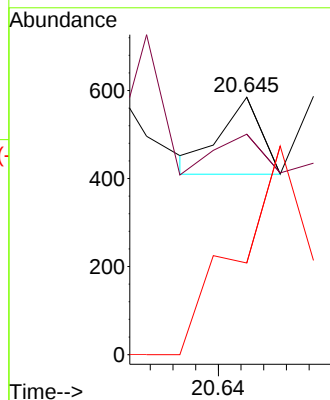
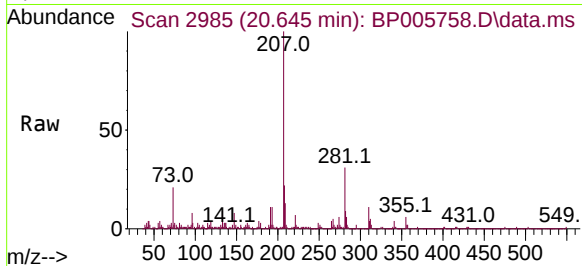




#80
Butylbenzylphthalate
Concen: 4.13 ng
RT: 20.645 min Scan# 2985
Delta R.T. 0.088 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Instrument :
BNA_P
ClientSampleId :
PB136884BL

Tgt Ion:	149	Resp:	85
Ion	Ratio	Lower	Upper
149	100		
91	85.6	60.2	90.4
206	35.6	23.9	35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.827 min Scan# 3526
Delta R.T. -0.024 min
Lab File: BP005758.D
Acq: 08 Jun 2021 01:54

Tgt Ion:	264	Resp:	876504
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.6	30.8
265	22.2	19.0	28.6

