

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021578.D
 Acq On : 20 Aug 2024 18:51
 Operator : RC/JU
 Sample : P3643-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 921-J-SD-0.5-1.0-081524

Quant Time: Aug 21 00:25:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

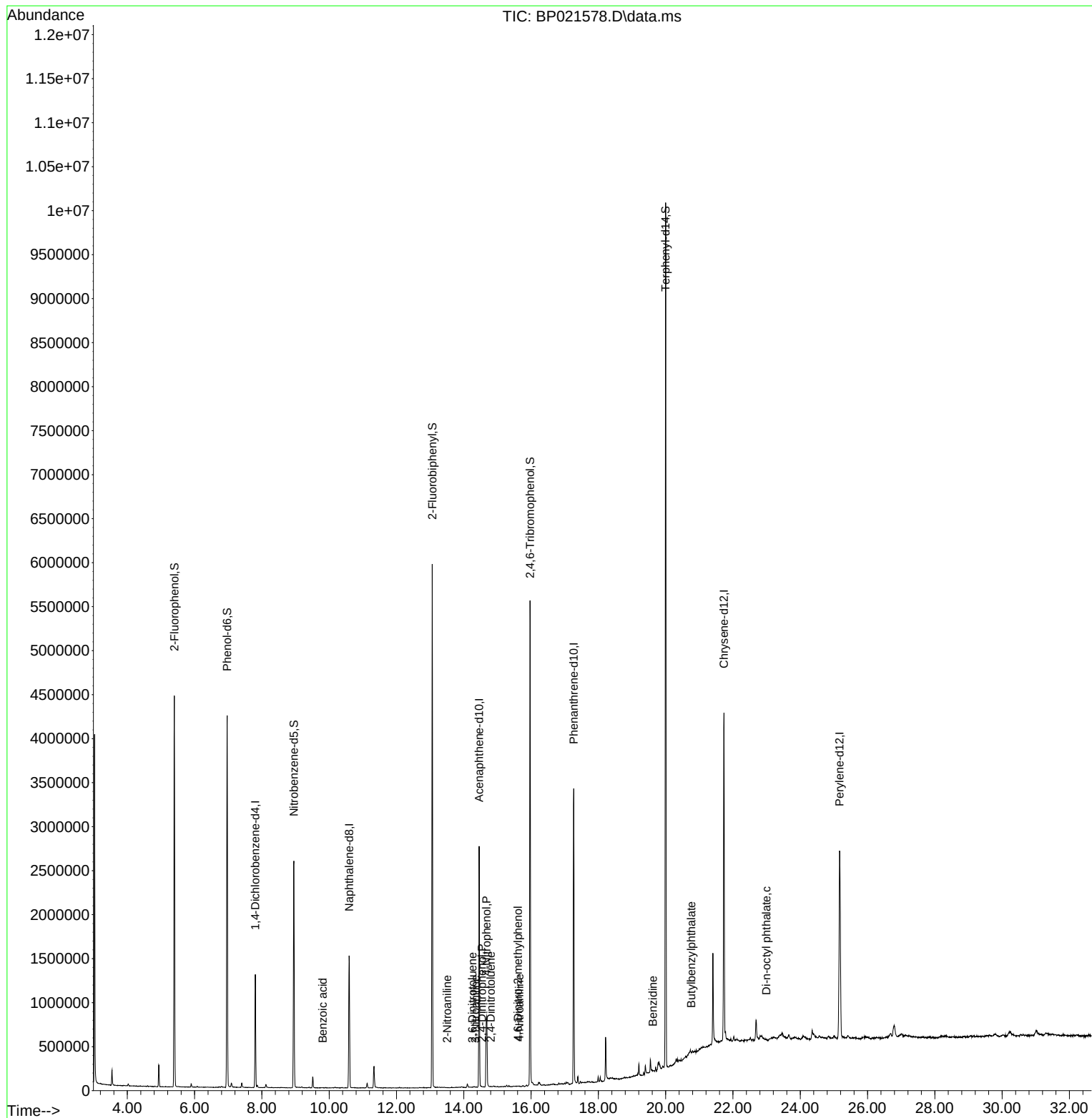
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	329707	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1306124	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	889174	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2054570	20.000	ng	0.02
76) Chrysene-d12	21.733	240	2009910	20.000	ng	0.04
86) Perylene-d12	25.168	264	2245132	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2017868	90.876	ng	0.00
7) Phenol-d6	6.969	99	2803266	86.544	ng	0.00
23) Nitrobenzene-d5	8.951	82	1629545	64.396	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1078547	108.987	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2849907	48.915	ng	0.00
79) Terphenyl-d14	19.998	244	5512052	53.278	ng	0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.681	139	48	Below Cal	#	1
32) Benzoic acid	9.810	122	423	3.381 ng	#	77
48) 2-Nitroaniline	13.510	65	215	5.161 ng	#	47
51) 2,6-Dinitrotoluene	14.257	165	55	3.990 ng		91
53) 3-Nitroaniline	14.345	138	52	3.973 ng	#	4
54) 2,4-Dinitrophenol	14.539	184	47	2.452 ng	#	1
56) 4-Nitrophenol	14.675	139	2020	5.270 ng	#	1
57) 2,4-Dinitrotoluene	14.804	165	201	5.034 ng	#	84
62) 4-Nitroaniline	15.651	138	111	2.943 ng		90
65) 4,6-Dinitro-2-methylph...	15.616	198	79	4.623 ng	#	1
77) Benzidine	19.622	184	421	4.579 ng	#	1
80) Butylbenzylphthalate	20.763	149	722	3.616 ng	#	39
85) Di-n-octyl phthalate	22.992	149	1082	4.844 ng	#	1

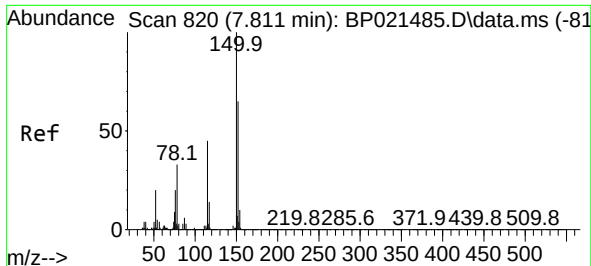
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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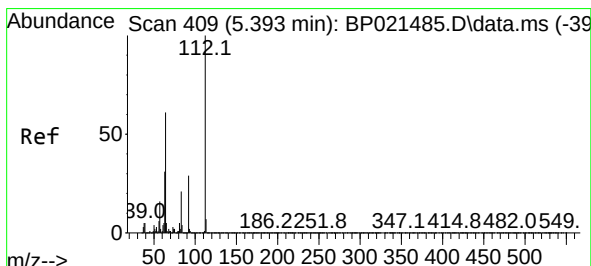
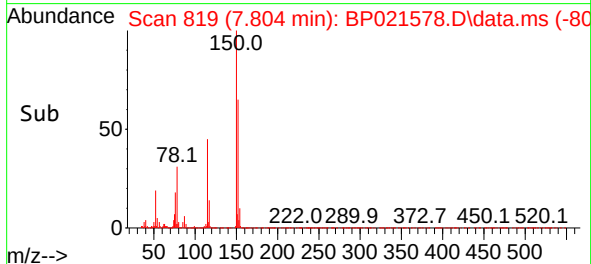
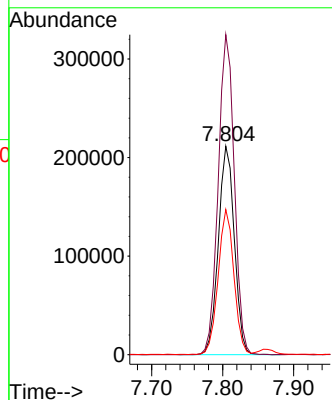
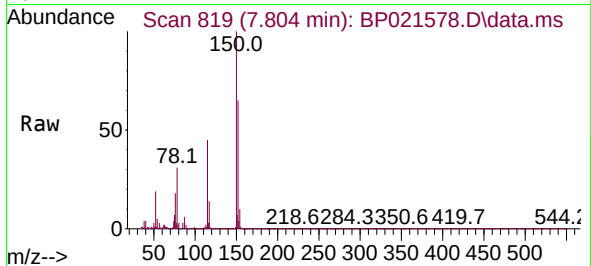




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

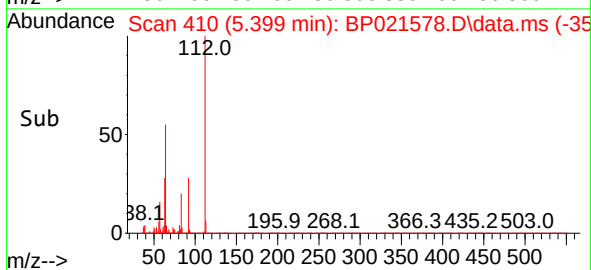
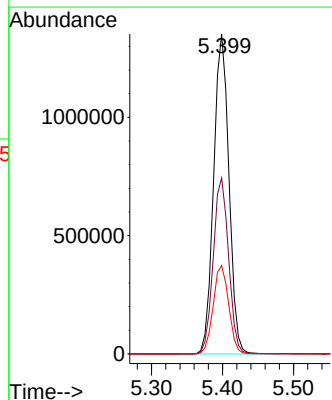
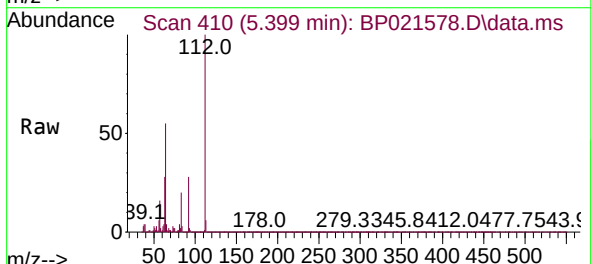
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524

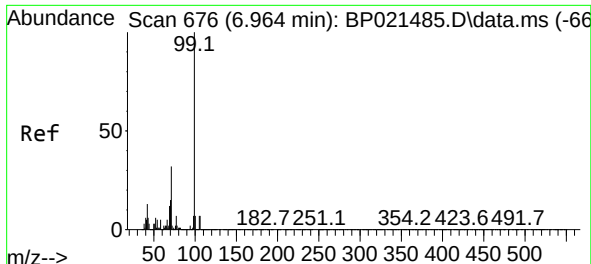
Tgt Ion:152 Resp: 329707
Ion Ratio Lower Upper
152 100
150 153.5 122.4 183.6
115 69.6 54.7 82.1



#5
2-Fluorophenol
Concen: 90.876 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:112 Resp: 2017868
Ion Ratio Lower Upper
112 100
64 55.0 49.0 73.6
63 27.7 24.6 36.8



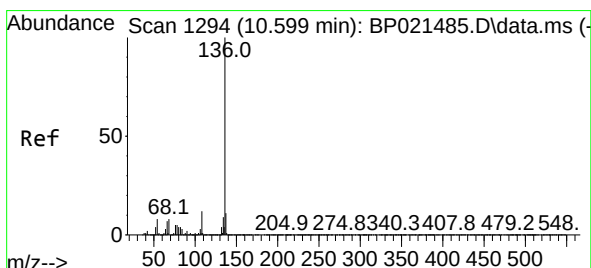
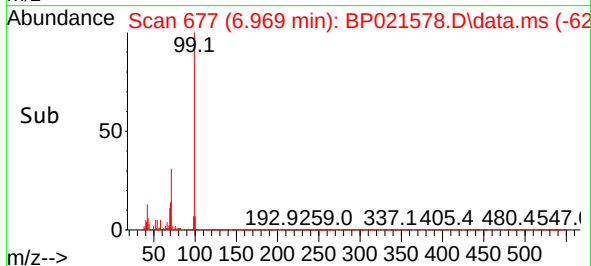
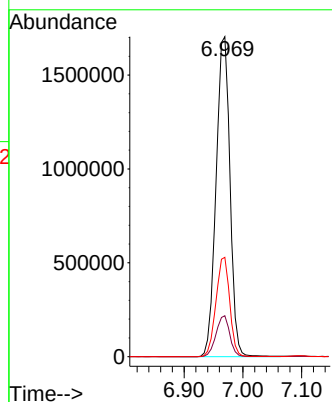
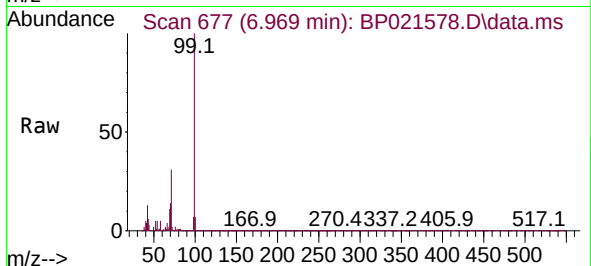


#7
Phenol-d6
Concen: 86.544 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524

Tgt Ion: 99 Resp: 2803266

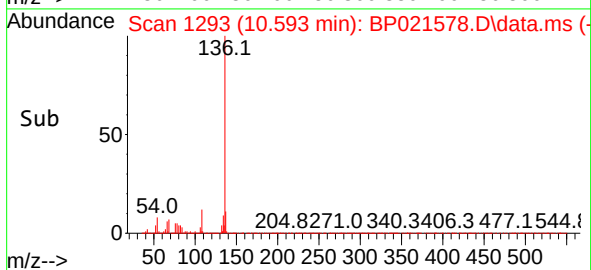
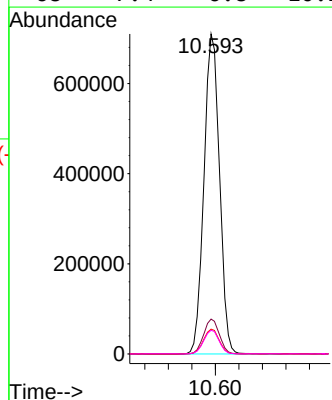
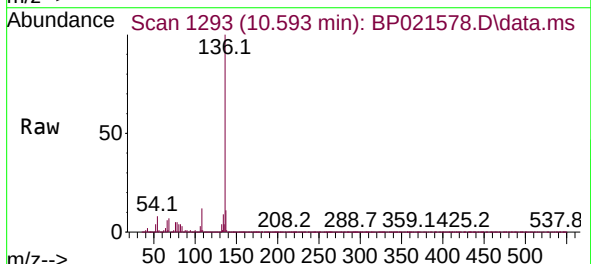
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.2	15.4
71	31.0	25.8	38.8

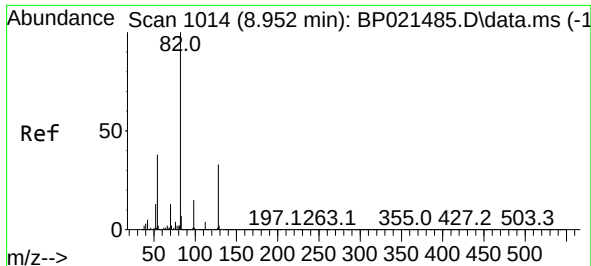


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion: 136 Resp: 1306124

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	7.4	6.8	10.2

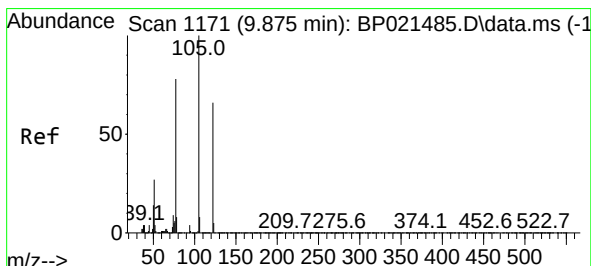
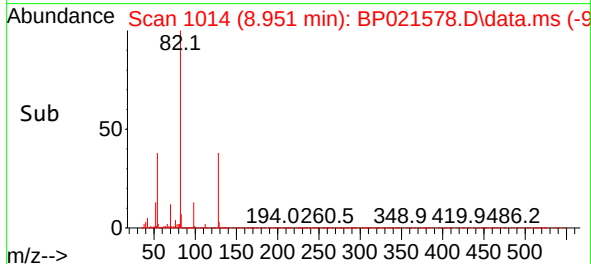
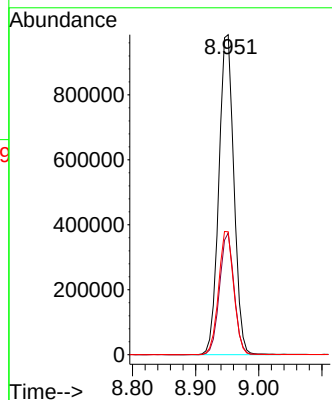
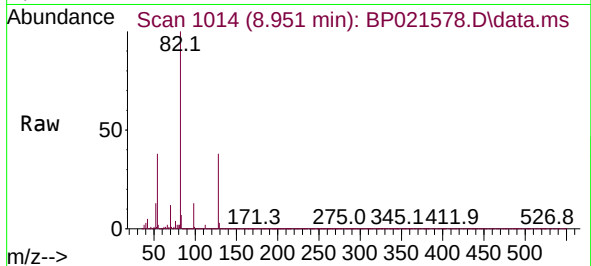




#23
Nitrobenzene-d5
Concen: 64.396 ng
RT: 8.951 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

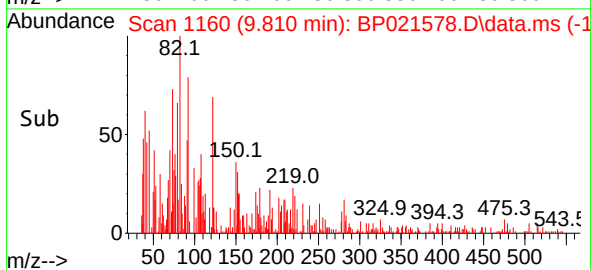
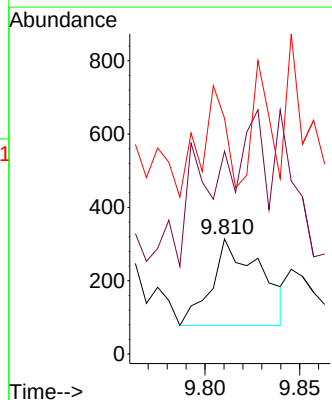
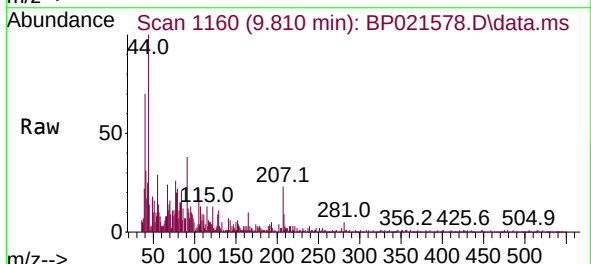
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524

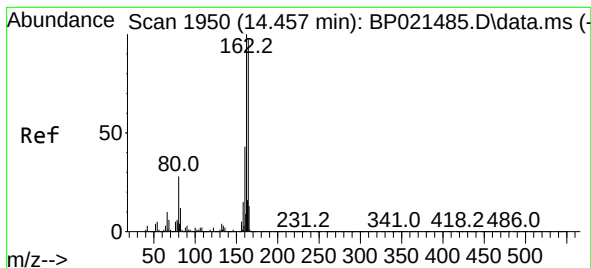
Tgt Ion: 82 Resp: 1629545
Ion Ratio Lower Upper
82 100
128 38.0 26.5 39.7
54 38.4 30.3 45.5



#32
Benzoic acid
Concen: 3.381 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.065 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:122 Resp: 423
Ion Ratio Lower Upper
122 100
105 147.1 124.6 164.6
77 171.0 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

Instrument :

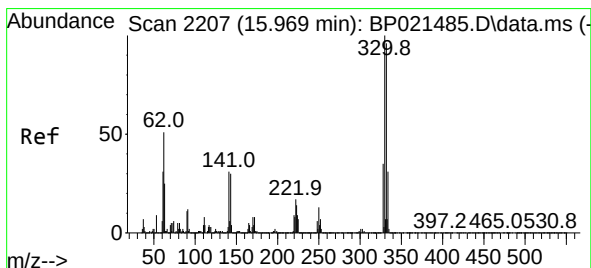
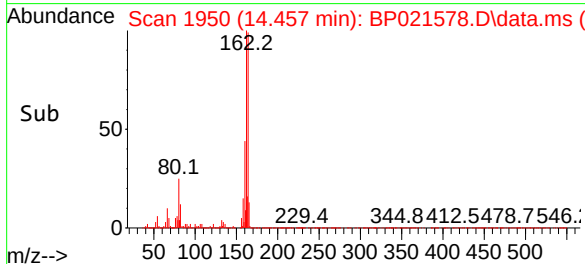
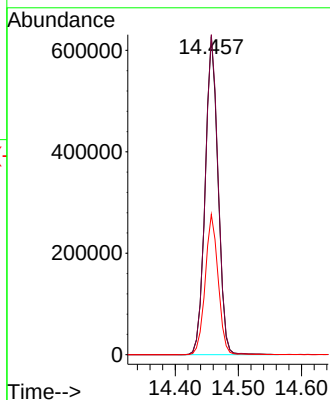
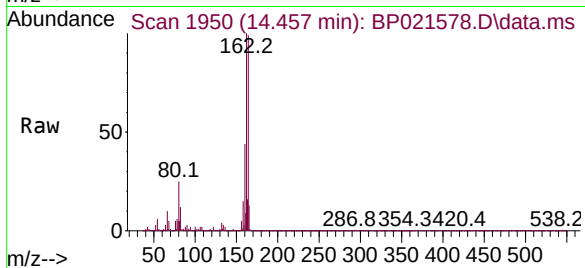
BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524

Tgt Ion:164 Resp: 889174

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.5	122.3
160	44.1	35.2	52.8



#42

2,4,6-Tribromophenol

Concen: 108.987 ng

RT: 15.975 min Scan# 2208

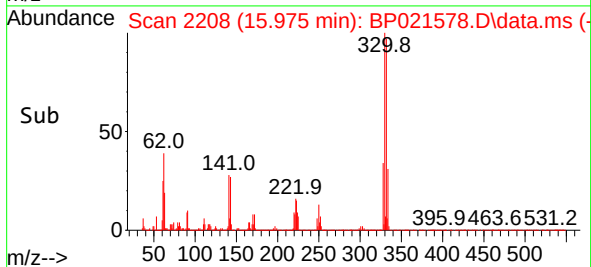
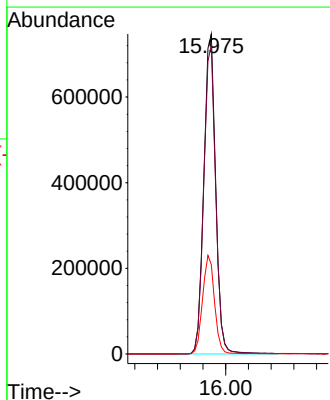
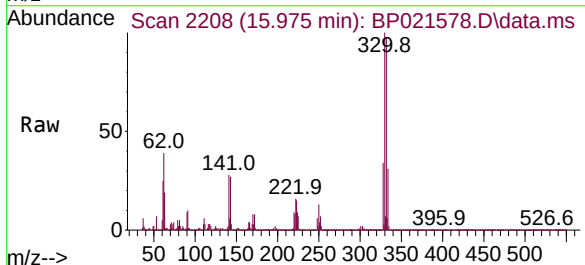
Delta R.T. 0.006 min

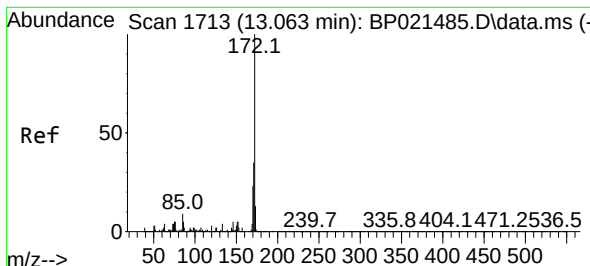
Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

Tgt Ion:330 Resp: 1078547

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	31.2	24.5	36.7





#45

2-Fluorobiphenyl

Concen: 48.915 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524

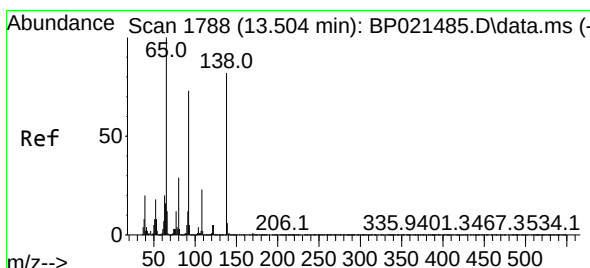
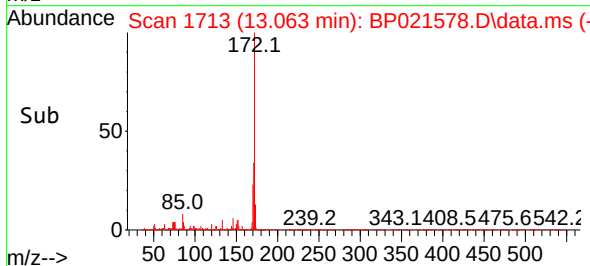
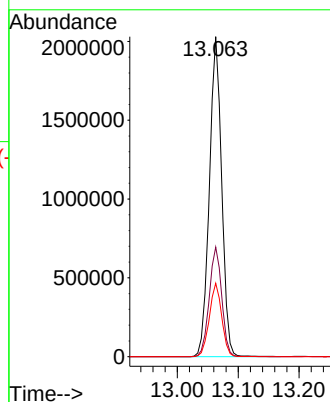
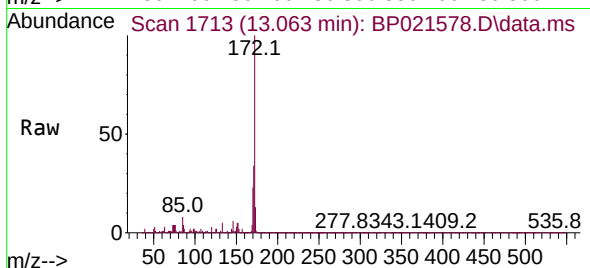
Tgt Ion:172 Resp: 2849907

Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.4

170 23.0 18.4 27.6



#48

2-Nitroaniline

Concen: 5.161 ng

RT: 13.510 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

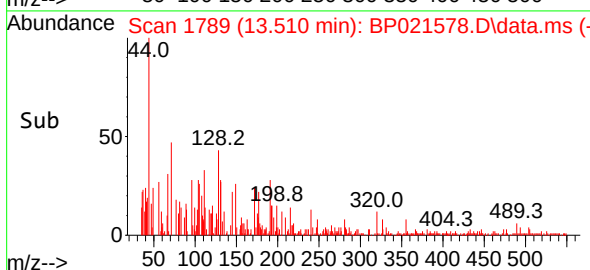
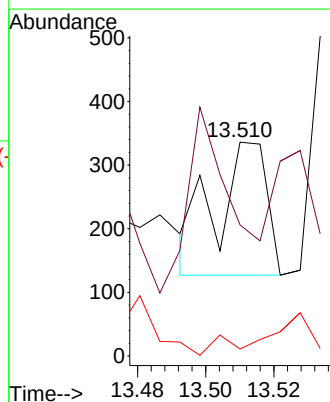
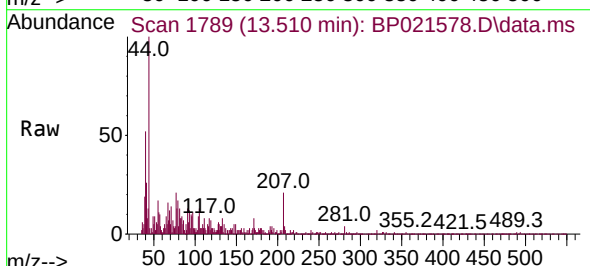
Tgt Ion: 65 Resp: 215

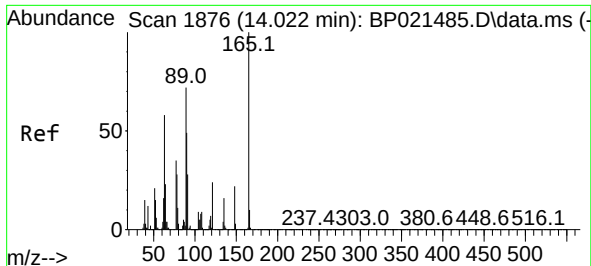
Ion Ratio Lower Upper

65 100

92 61.3 58.1 87.1

138 3.3 65.5 98.3#

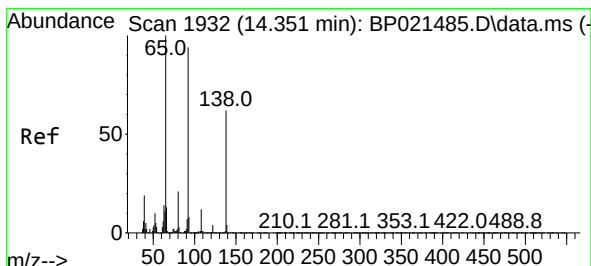
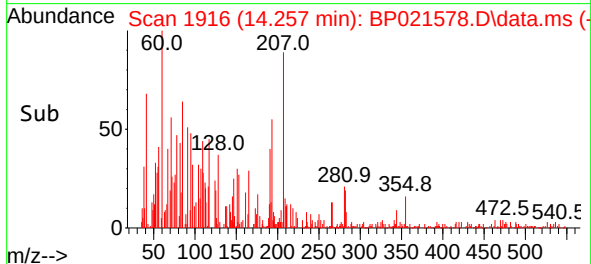
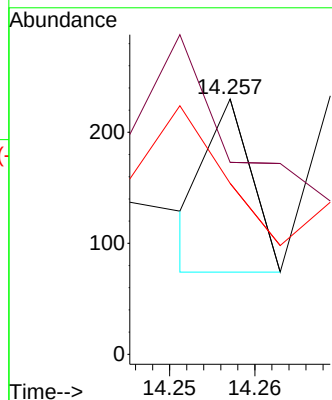
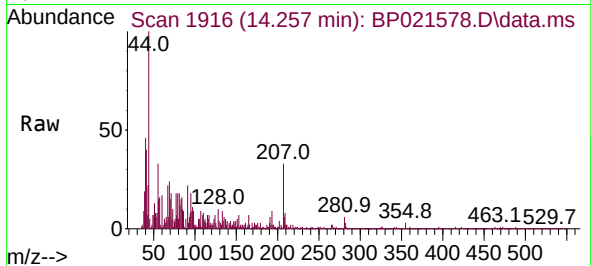




#51
2,6-Dinitrotoluene
Concen: 3.990 ng
RT: 14.257 min Scan# 1916
Delta R.T. 0.235 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

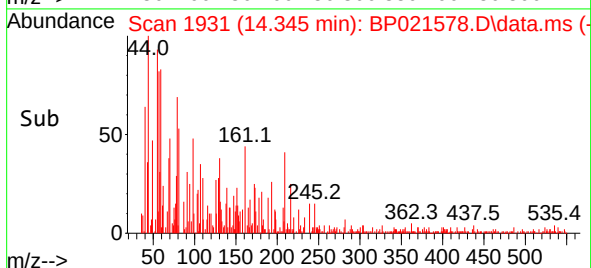
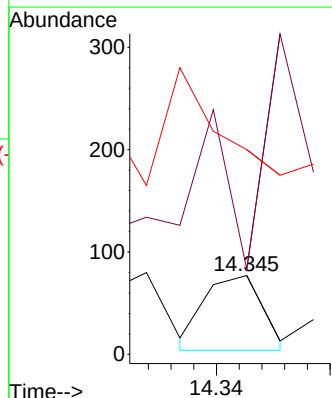
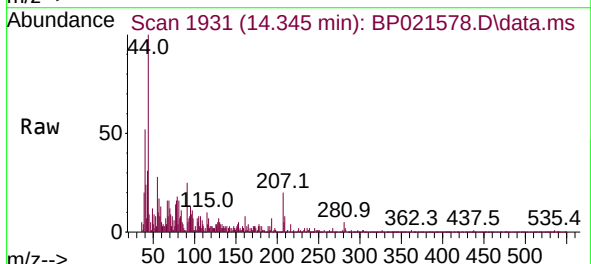
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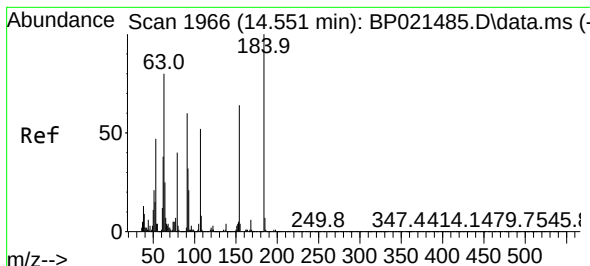
Tgt Ion:165	Resp:	55
Ion Ratio	Lower	Upper
165	100	
63	75.2	51.5 77.3
89	67.8	57.8 86.8



#53
3-Nitroaniline
Concen: 3.973 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:138	Resp:	52
Ion Ratio	Lower	Upper
138	100	
108	107.8	16.2 24.4#
92	259.7	122.2 183.4#

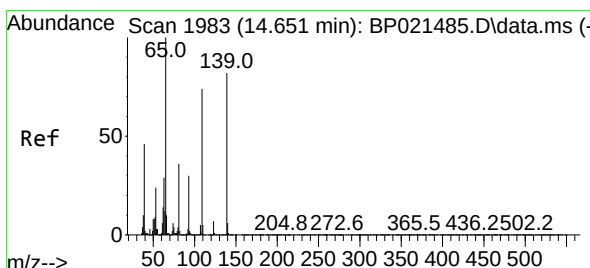
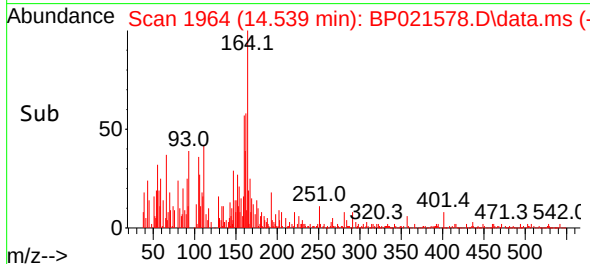
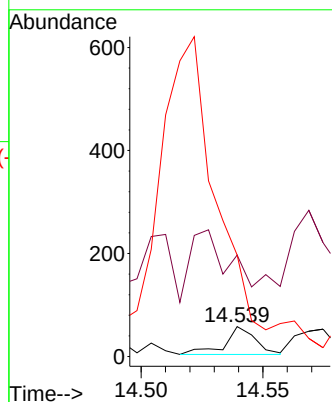
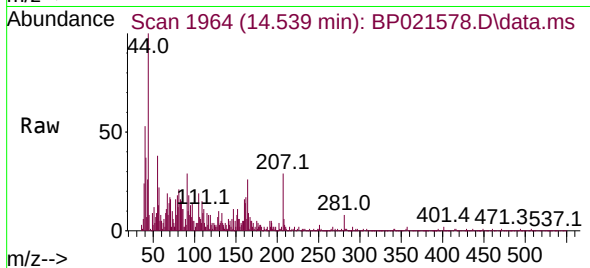




#54
2,4-Dinitrophenol
Concen: 2.452 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

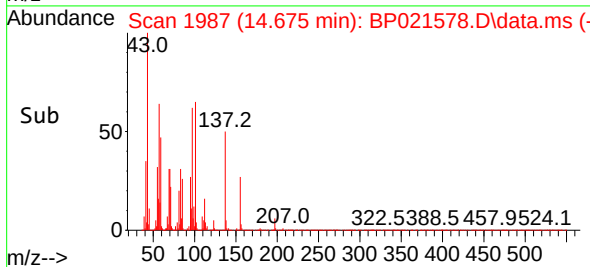
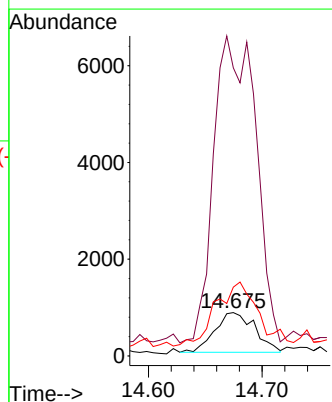
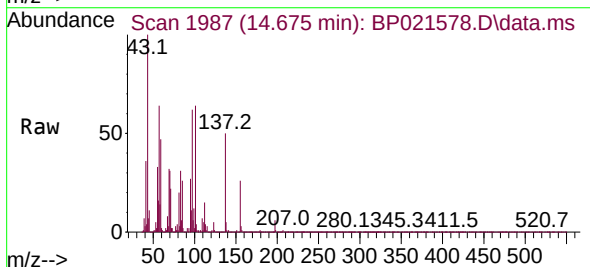
Instrument :
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921-J-SD-0.5-1.0-081524

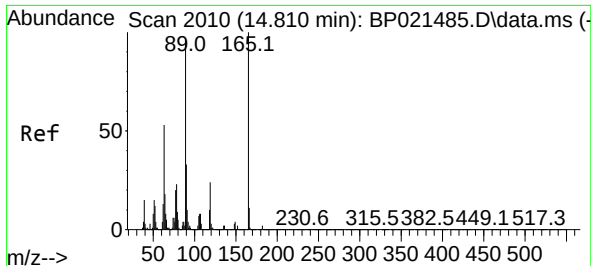
Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 339.7 64.9 97.3#
154 339.7 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.270 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.024 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:139 Resp: 2020
Ion Ratio Lower Upper
139 100
109 665.5 70.2 110.2#
65 159.0 101.8 141.8#





#57

2,4-Dinitrotoluene

Concen: 5.034 ng

RT: 14.804 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524

Tgt Ion:165 Resp: 201

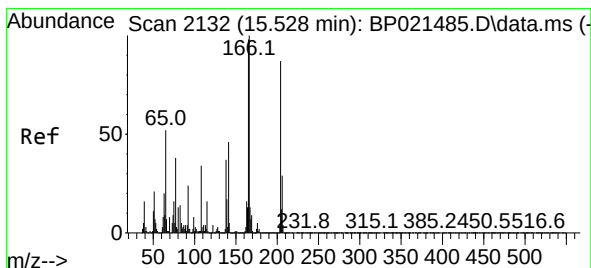
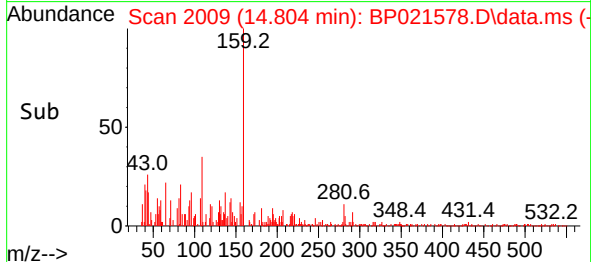
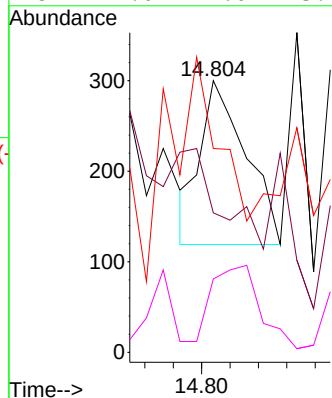
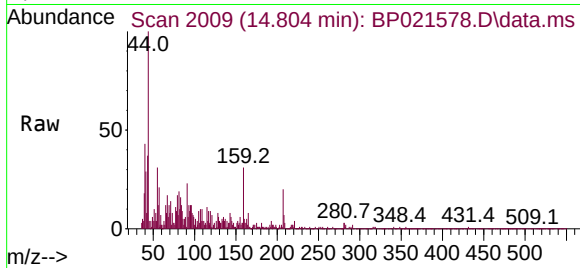
Ion Ratio Lower Upper

165 100

63 51.3 42.5 63.7

89 75.0 77.1 115.7#

182 27.0 2.0 3.0#



#62

4-Nitroaniline

Concen: 2.943 ng

RT: 15.651 min Scan# 2153

Delta R.T. 0.123 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

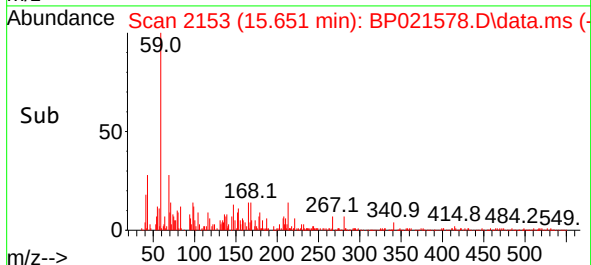
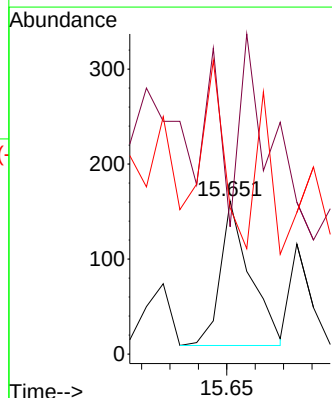
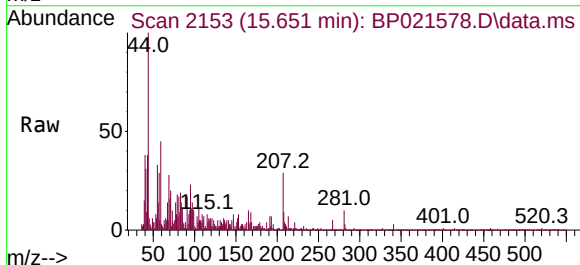
Tgt Ion:138 Resp: 111

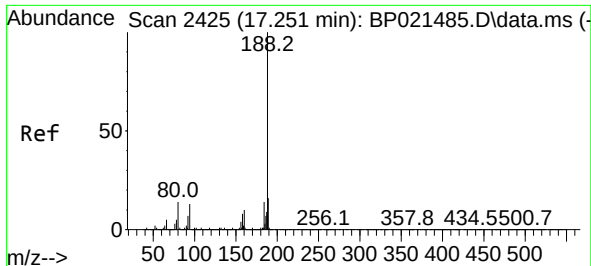
Ion Ratio Lower Upper

138 100

92 83.2 46.4 86.4

108 95.7 73.2 113.2

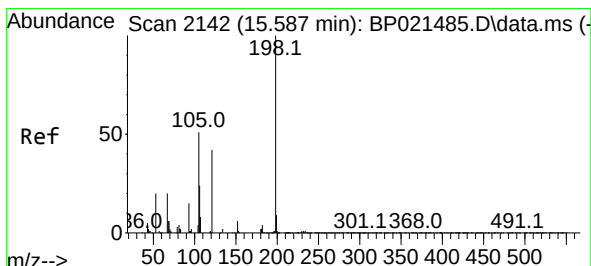
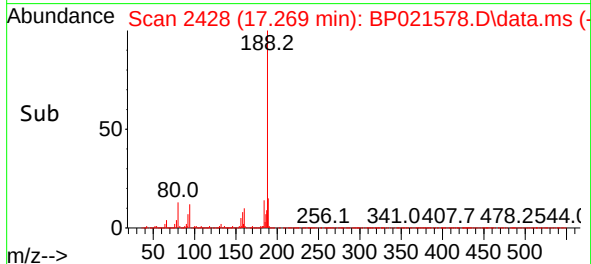
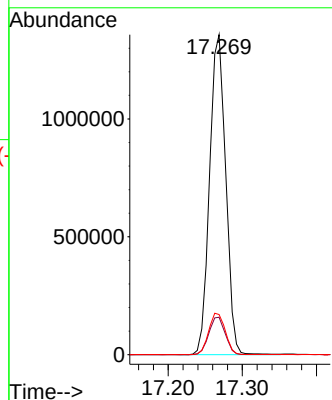
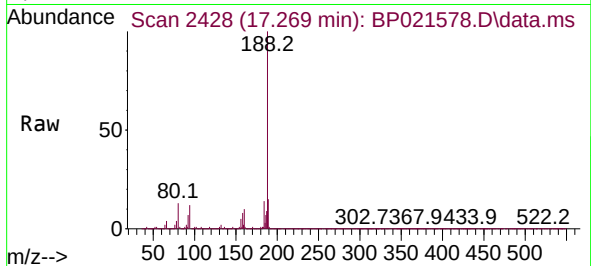




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2425
Delta R.T. 0.017 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

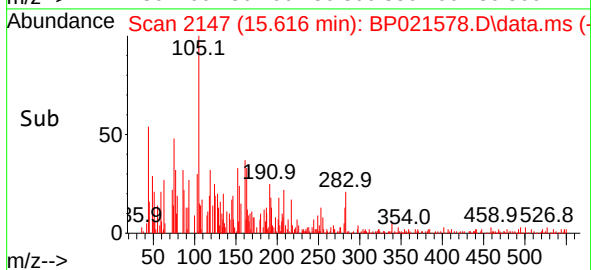
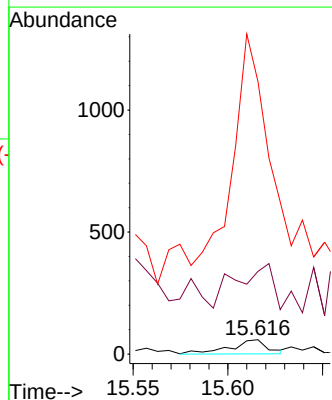
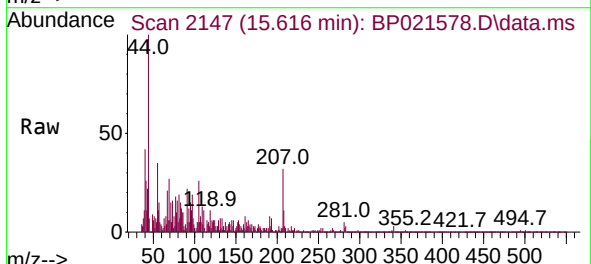
Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524

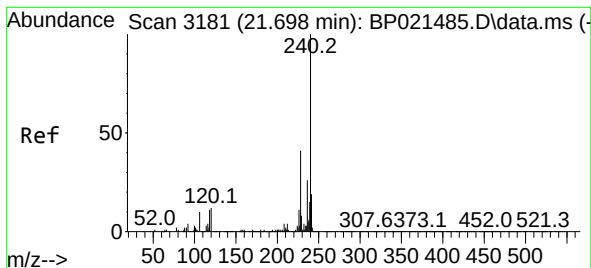
Tgt Ion:188 Resp: 2054570
Ion Ratio Lower Upper
188 100
94 11.7 10.2 15.4
80 12.6 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.623 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.029 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:198 Resp: 79
Ion Ratio Lower Upper
198 100
51 574.6 21.5 61.5#
105 1893.2 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.733 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524

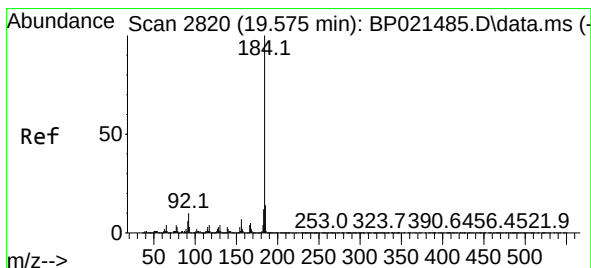
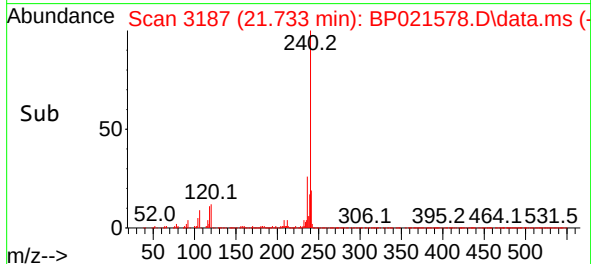
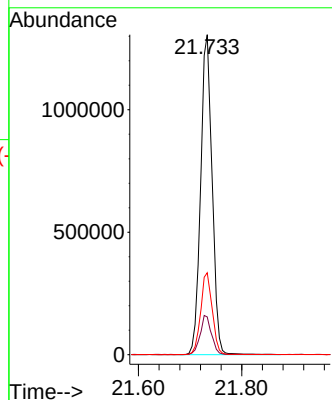
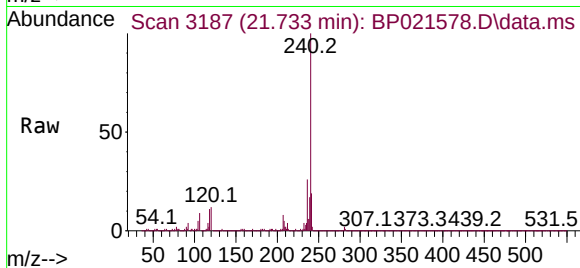
Tgt Ion:240 Resp: 2009910

Ion Ratio Lower Upper

240 100

120 11.8 9.9 14.9

236 25.6 20.6 30.8



#77

Benzidine

Concen: 4.579 ng

RT: 19.622 min Scan# 2828

Delta R.T. 0.047 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

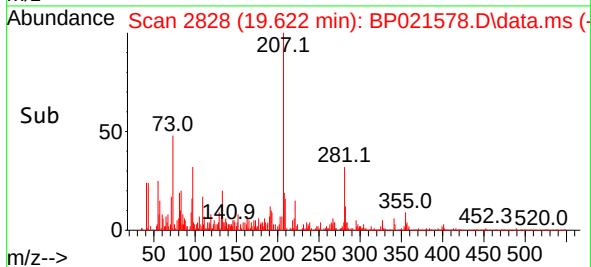
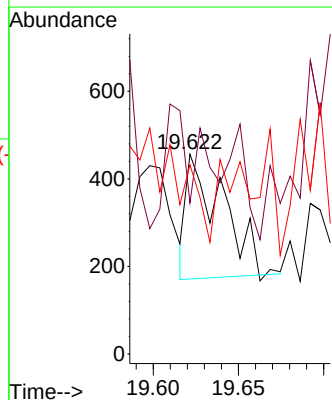
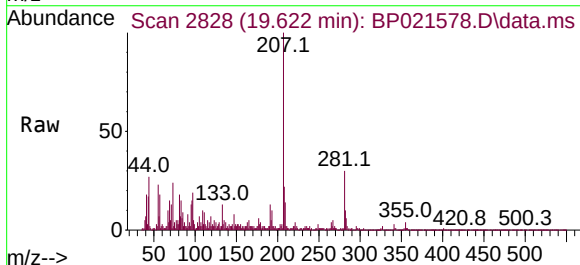
Tgt Ion:184 Resp: 421

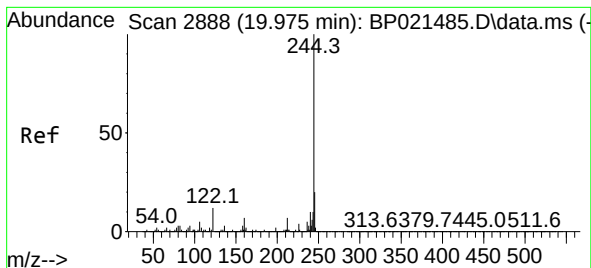
Ion Ratio Lower Upper

184 100

185 75.7 11.4 17.0#

183 94.7 9.3 13.9#





#79

Terphenyl-d14

Concen: 53.278 ng

RT: 19.998 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

Instrument :

BNA_P

ClientSampleId :

921-J-SD-0.5-1.0-081524

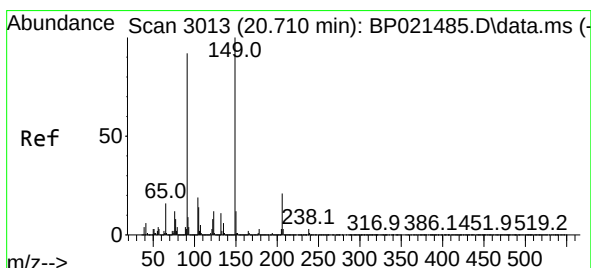
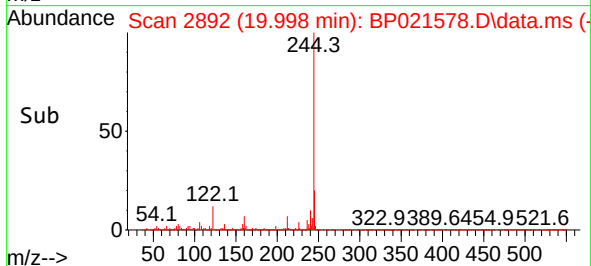
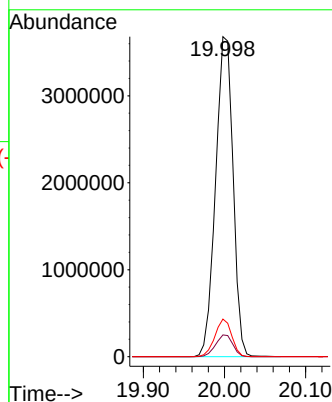
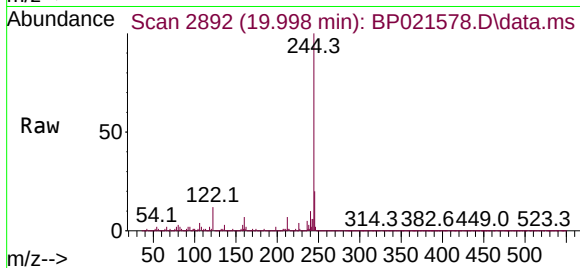
Tgt Ion:244 Resp: 5512052

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.616 ng

RT: 20.763 min Scan# 3022

Delta R.T. 0.053 min

Lab File: BP021578.D

Acq: 20 Aug 2024 18:51

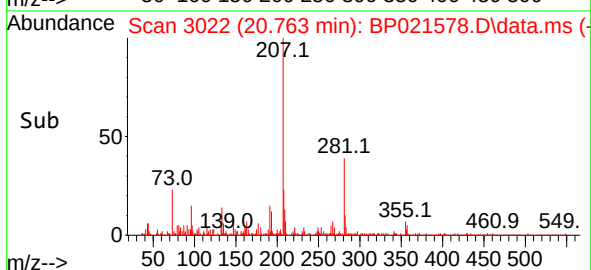
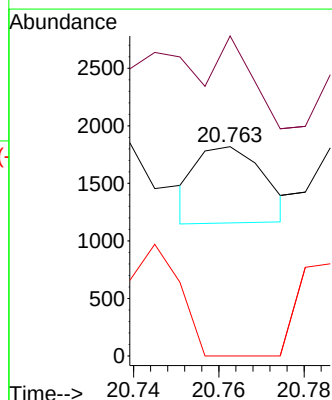
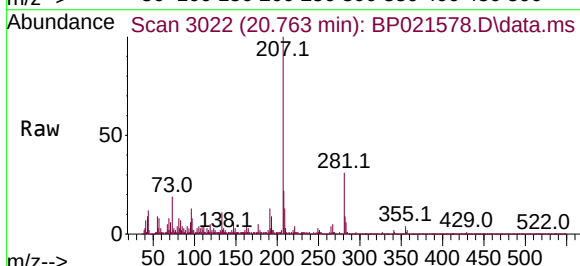
Tgt Ion:149 Resp: 722

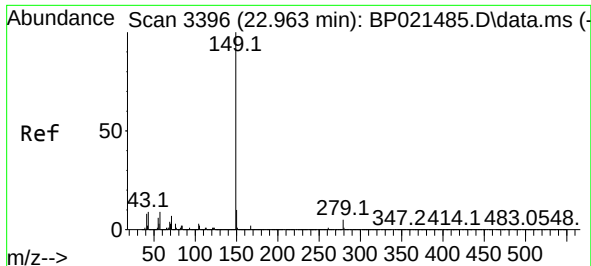
Ion Ratio Lower Upper

149 100

91 152.9 73.3 109.9#

206 0.0 17.1 25.7#

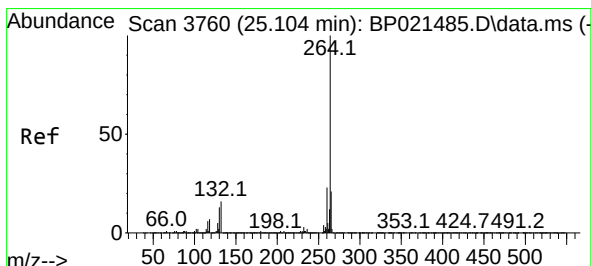
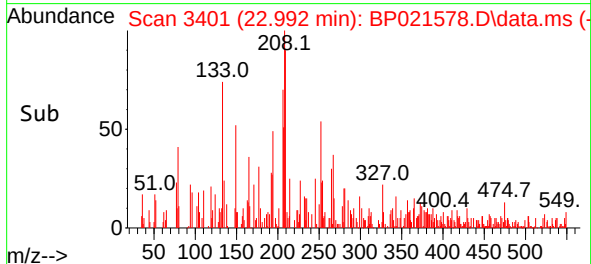
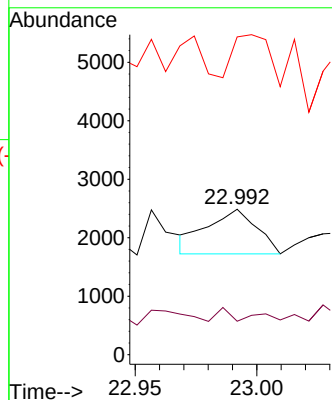
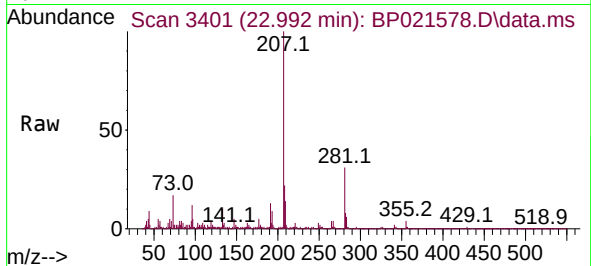




#85
Di-n-octyl phthalate
Concen: 4.844 ng
RT: 22.992 min Scan# 341
Delta R.T. 0.029 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Instrument :
BNA_P
ClientSampleId :
921-J-SD-0.5-1.0-081524

Tgt Ion:149 Resp: 1082
Ion Ratio Lower Upper
149 100
167 18.5 1.3 1.9#
43 180.9 7.3 10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.168 min Scan# 3771
Delta R.T. 0.065 min
Lab File: BP021578.D
Acq: 20 Aug 2024 18:51

Tgt Ion:264 Resp: 2245132
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.4 17.1 25.7

