

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021519.D
 Acq On : 15 Aug 2024 18:37
 Operator : RC/JU
 Sample : P3582-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-1.5-2-081224

Quant Time: Aug 16 01:29:15 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)

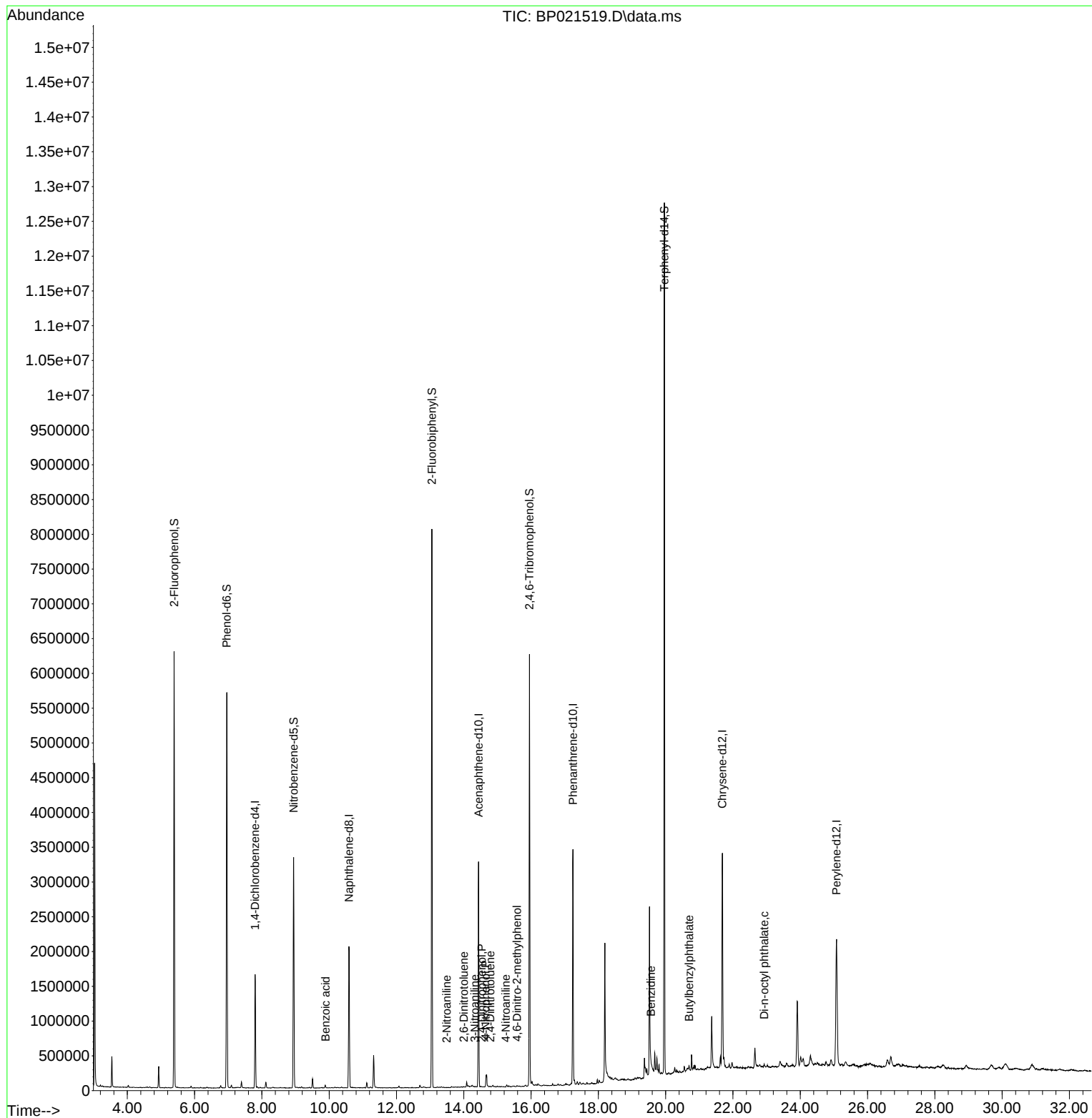
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	419213	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1627611	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	993994	20.000	ng	-0.02
64) Phenanthrene-d10	17.245	188	2011752	20.000	ng	0.00
76) Chrysene-d12	21.686	240	1777410	20.000	ng	-0.01
86) Perylene-d12	25.080	264	1945982	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2632164	93.232	ng	0.00
7) Phenol-d6	6.957	99	3617622	87.839	ng	0.00
23) Nitrobenzene-d5	8.946	82	2124155	67.361	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1103500	99.749	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3777220	57.995	ng	-0.01
79) Terphenyl-d14	19.963	244	5603122	61.243	ng	-0.01
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.704	139	43	Below Cal	#	1
32) Benzoic acid	9.893	122	186	3.341 ng	#	1
48) 2-Nitroaniline	13.492	65	155	5.156 ng	#	49
51) 2,6-Dinitrotoluene	14.004	165	484	4.019 ng	#	40
53) 3-Nitroaniline	14.328	138	119	3.977 ng	#	1
54) 2,4-Dinitrophenol	14.534	184	45	2.449 ng	#	1
56) 4-Nitrophenol	14.645	139	449	5.117 ng	#	73
57) 2,4-Dinitrotoluene	14.792	165	215	5.034 ng	#	34
62) 4-Nitroaniline	15.251	138	222	2.950 ng		84
65) 4,6-Dinitro-2-methylph...	15.581	198	59	4.619 ng	#	1
77) Benzidine	19.563	184	92	4.574 ng	#	1
80) Butylbenzylphthalate	20.698	149	9633	3.805 ng		86
85) Di-n-octyl phthalate	22.927	149	24601	5.027 ng	#	63

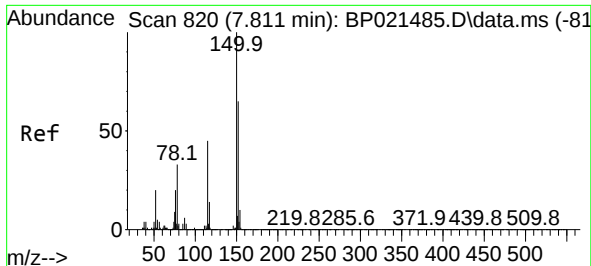
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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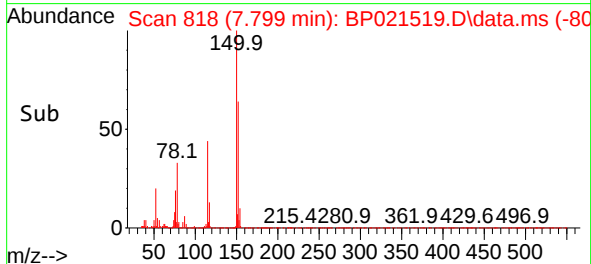
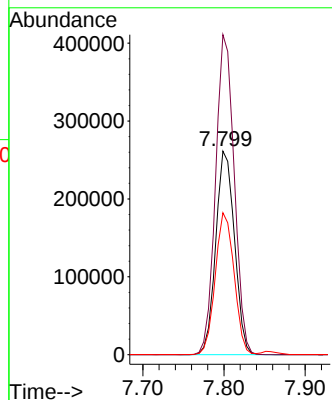
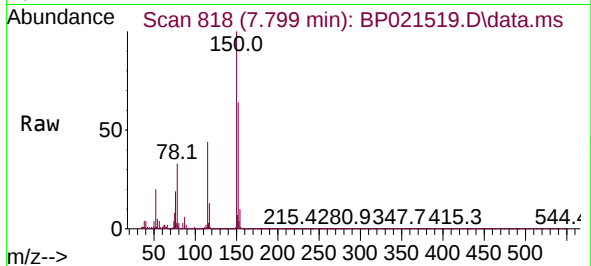




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

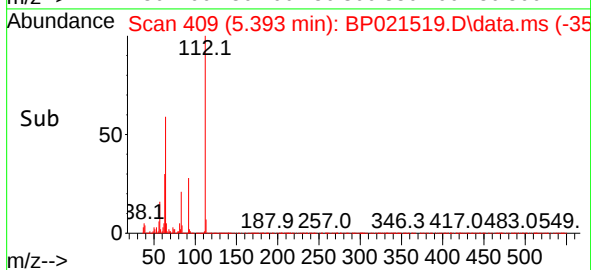
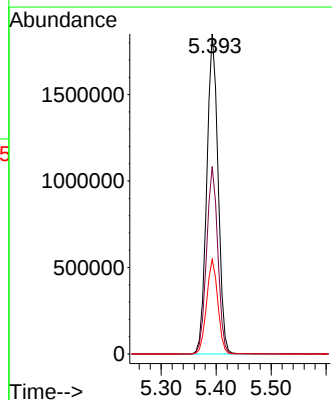
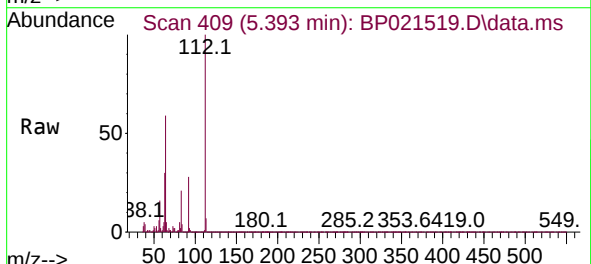
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-1.5-2-081224

Tgt Ion:152 Resp: 419213
Ion Ratio Lower Upper
152 100
150 157.3 122.4 183.6
115 69.7 54.7 82.1



#5
2-Fluorophenol
Concen: 93.232 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:112 Resp: 2632164
Ion Ratio Lower Upper
112 100
64 58.5 49.0 73.6
63 29.5 24.6 36.8



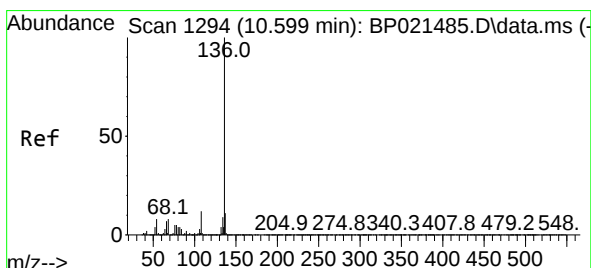
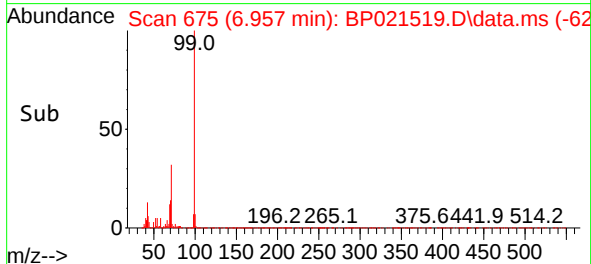
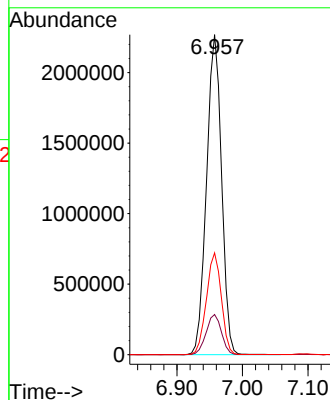
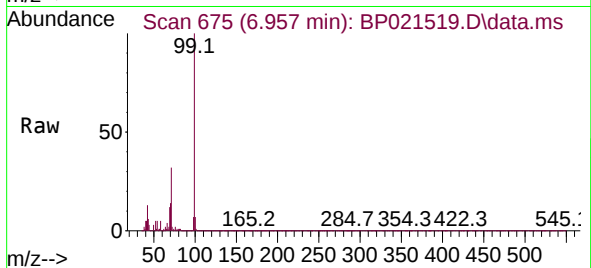


#7
Phenol-d6
Concen: 87.839 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-1.5-2-081224

Tgt Ion: 99 Resp: 3617622

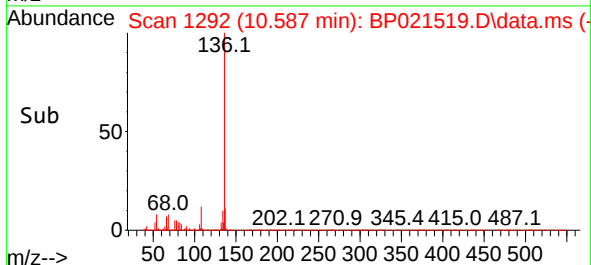
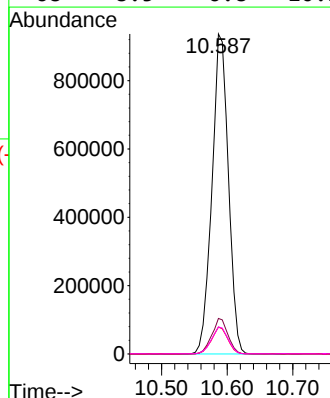
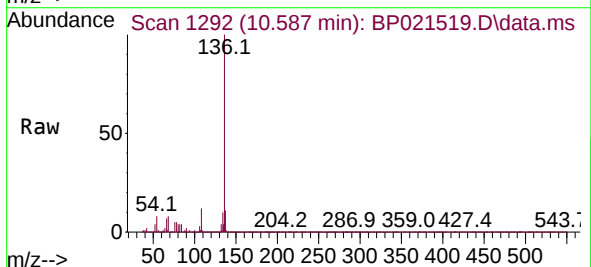
Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.2	15.4
71	31.8	25.8	38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 136 Resp: 1627611

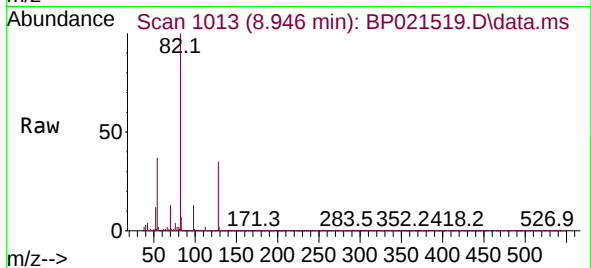
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	6.3	9.5
68	8.5	6.8	10.2



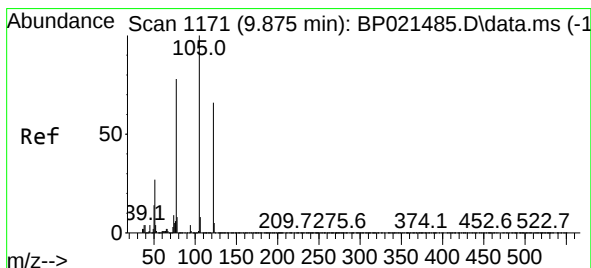
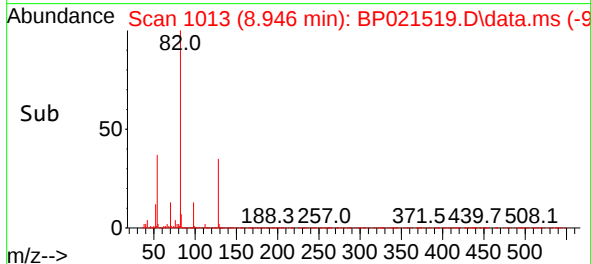
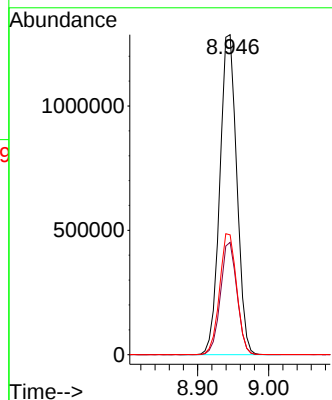


#23
Nitrobenzene-d5
Concen: 67.361 ng
RT: 8.946 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-1.5-2-081224

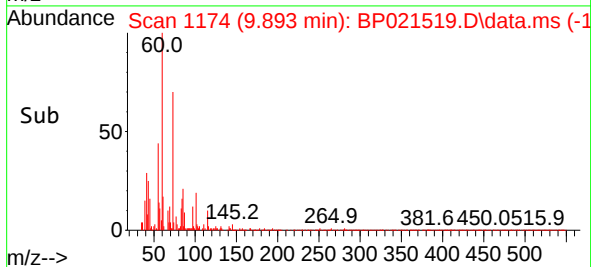
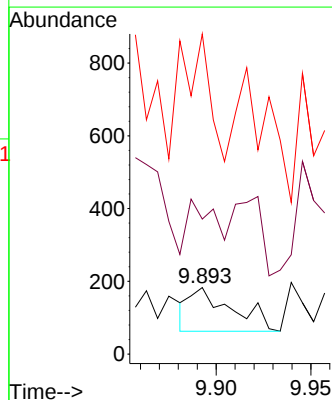
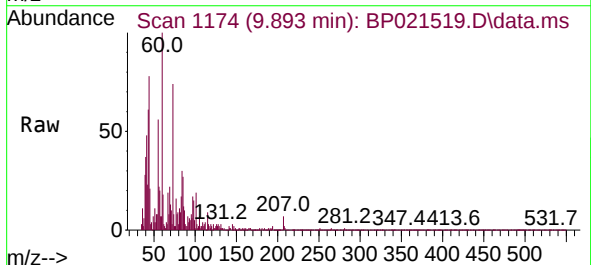


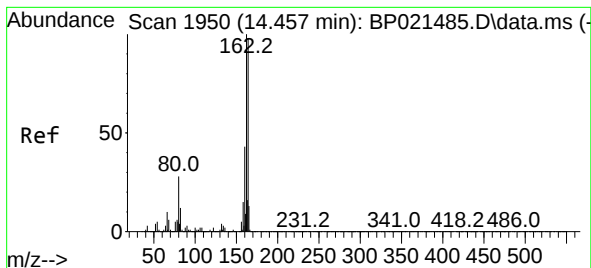
Tgt Ion: 82 Resp: 2124155
Ion Ratio Lower Upper
82 100
128 35.1 26.5 39.7
54 37.5 30.3 45.5



#32
Benzoic acid
Concen: 3.341 ng
RT: 9.893 min Scan# 1174
Delta R.T. 0.018 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:122 Resp: 186
Ion Ratio Lower Upper
122 100
105 202.7 124.6 164.6#
77 480.9 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1947

Delta R.T. -0.018 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-1.5-2-081224

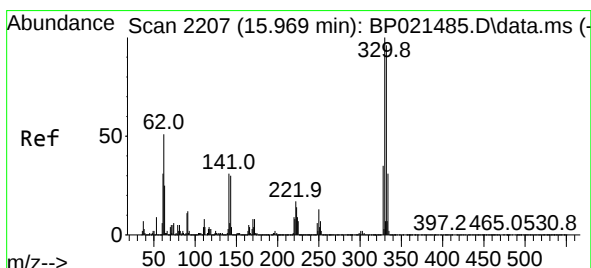
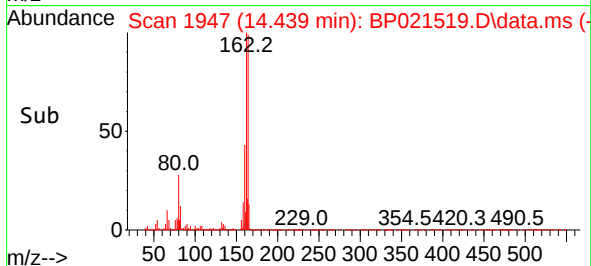
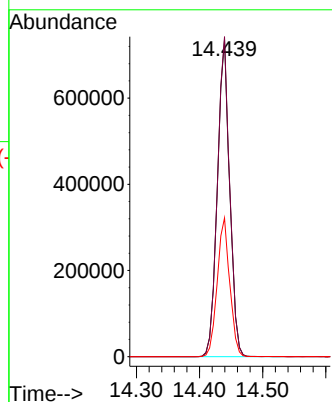
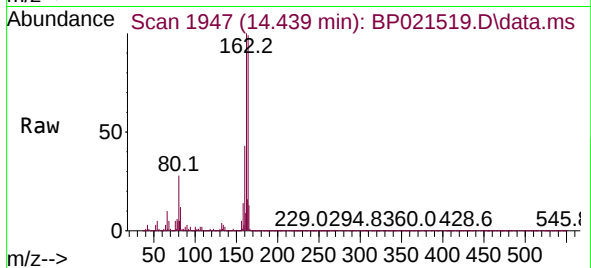
Tgt Ion:164 Resp: 993994

Ion Ratio Lower Upper

164 100

162 100.8 81.5 122.3

160 43.7 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 99.749 ng

RT: 15.951 min Scan# 2204

Delta R.T. -0.018 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

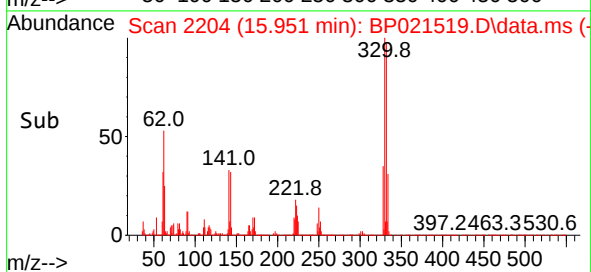
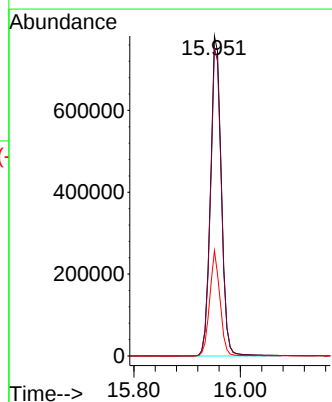
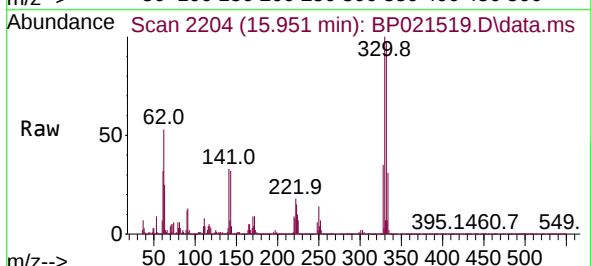
Tgt Ion:330 Resp: 1103500

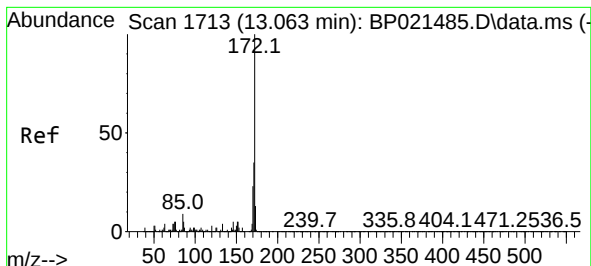
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 31.1 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 57.995 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-1.5-2-081224

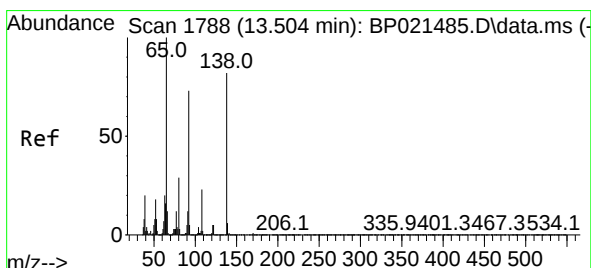
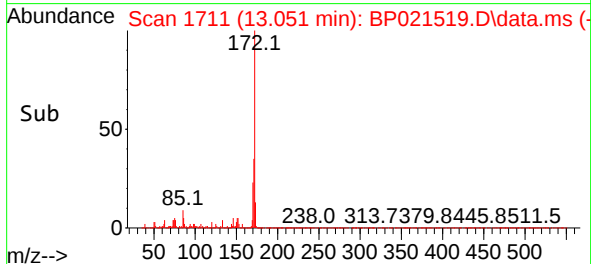
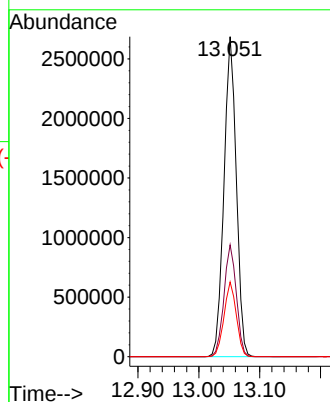
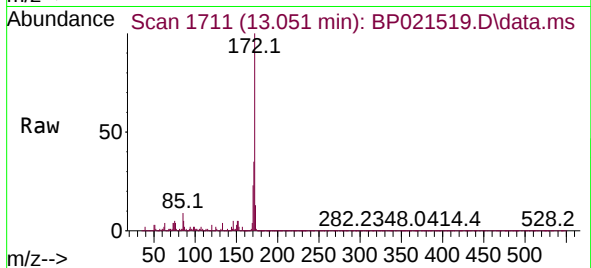
Tgt Ion:172 Resp: 3777220

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 18.4 27.6



#48

2-Nitroaniline

Concen: 5.156 ng

RT: 13.492 min Scan# 1786

Delta R.T. -0.012 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

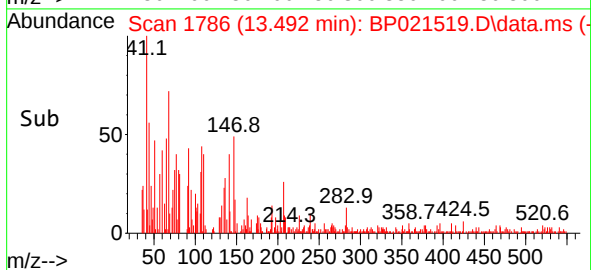
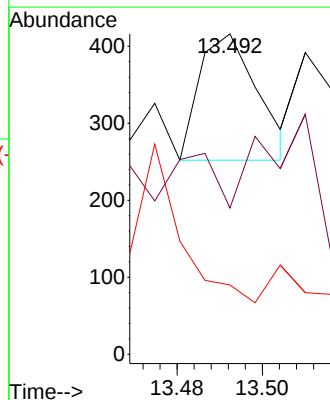
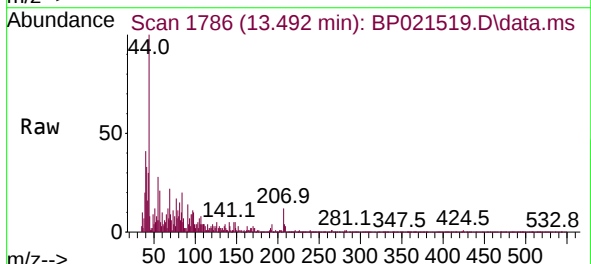
Tgt Ion: 65 Resp: 155

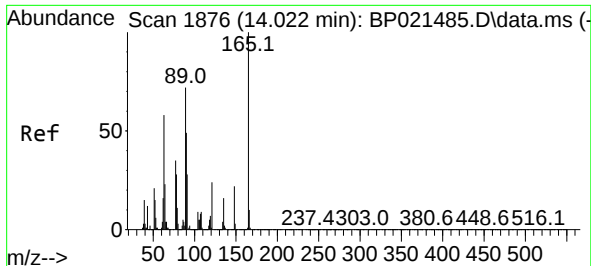
Ion Ratio Lower Upper

65 100

92 45.7 58.1 87.1#

138 21.6 65.5 98.3#

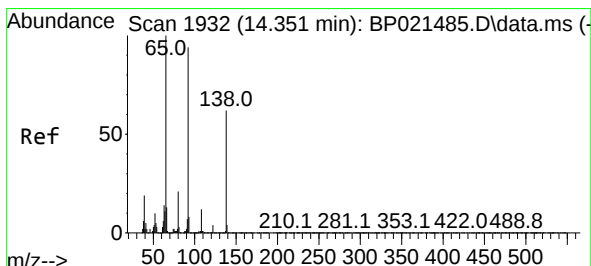
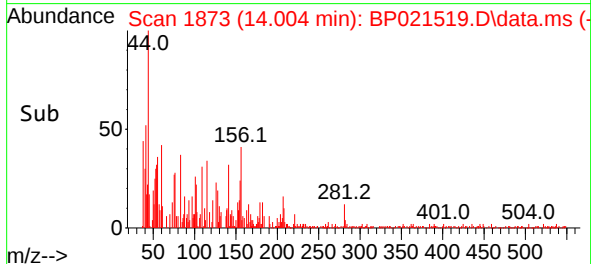
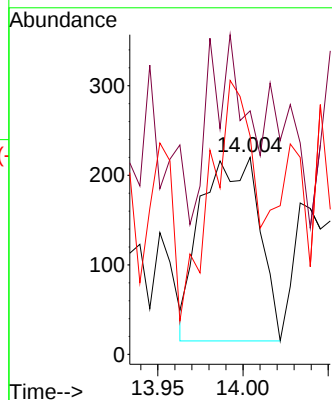
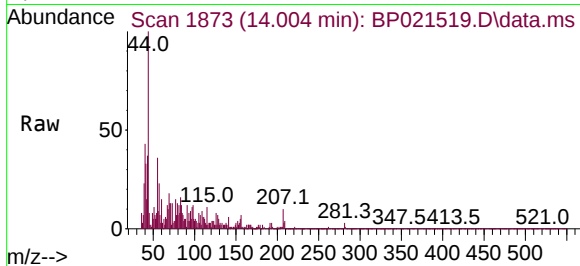




#51
2,6-Dinitrotoluene
Concen: 4.019 ng
RT: 14.004 min Scan# 1876
Delta R.T. -0.018 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

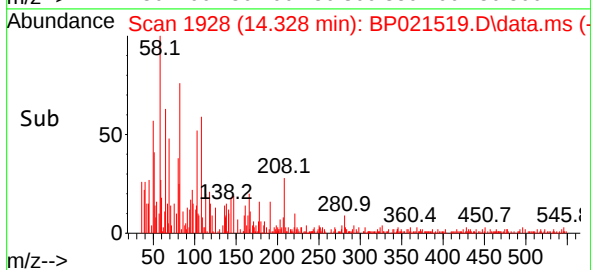
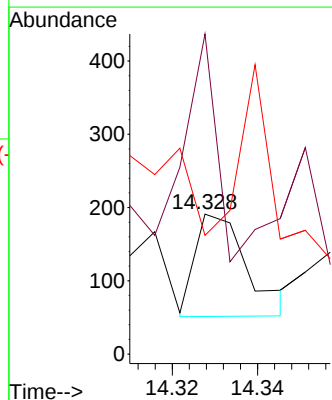
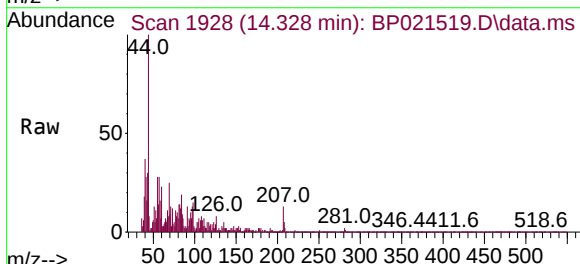
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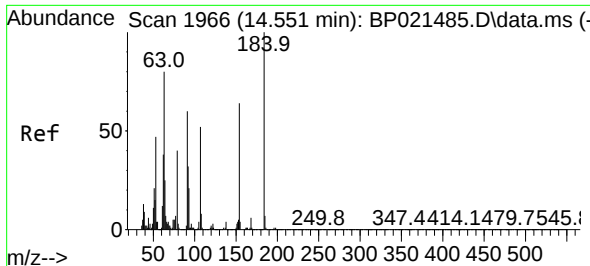
Tgt Ion:165 Resp: 484
Ion Ratio Lower Upper
165 100
63 123.6 51.5 77.3#
89 110.9 57.8 86.8#



#53
3-Nitroaniline
Concen: 3.977 ng
RT: 14.328 min Scan# 1928
Delta R.T. -0.023 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:138 Resp: 119
Ion Ratio Lower Upper
138 100
108 228.8 16.2 24.4#
92 84.8 122.2 183.4#

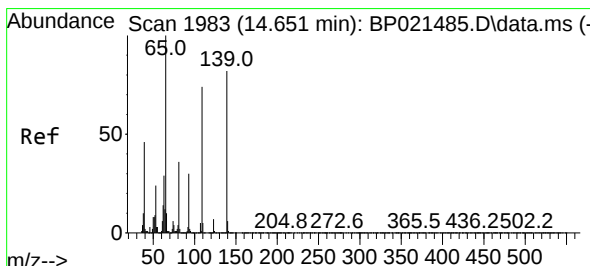
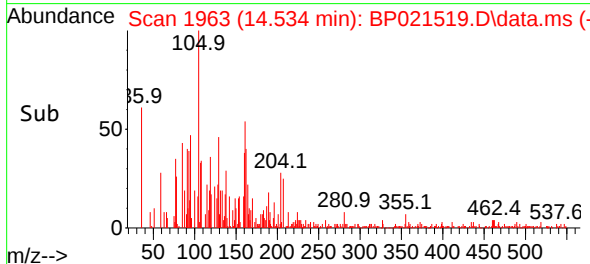
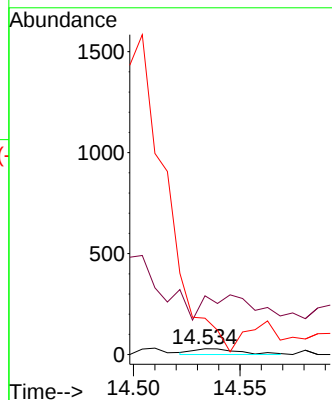
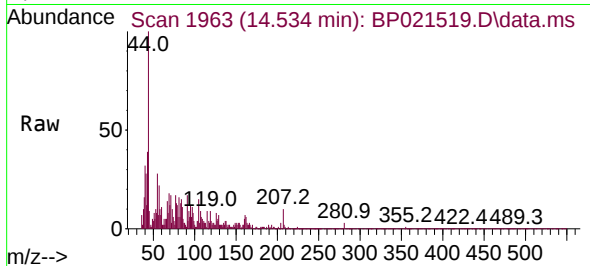




#54
2,4-Dinitrophenol
Concen: 2.449 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.017 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

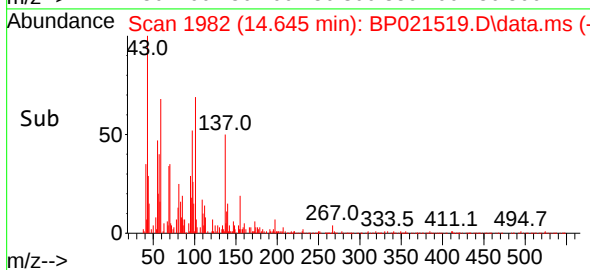
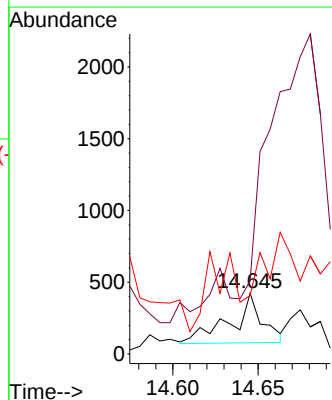
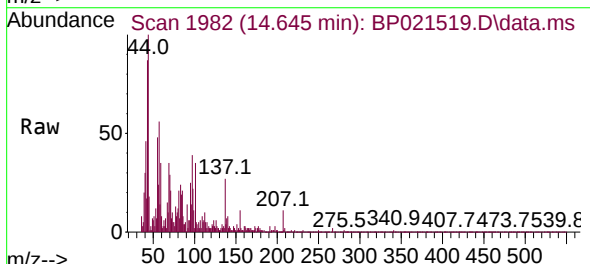
Instrument :
BNA_P
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S-855-J-SO-1.5-2-081224

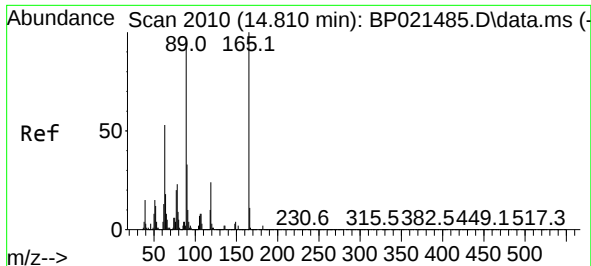
Tgt Ion:184 Resp: 45
Ion Ratio Lower Upper
184 100
63 1003.4 64.9 97.3#
154 620.7 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.117 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:139 Resp: 449
Ion Ratio Lower Upper
139 100
109 120.0 70.2 110.2#
65 96.0 101.8 141.8#

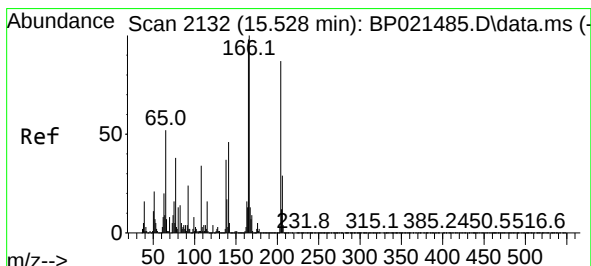
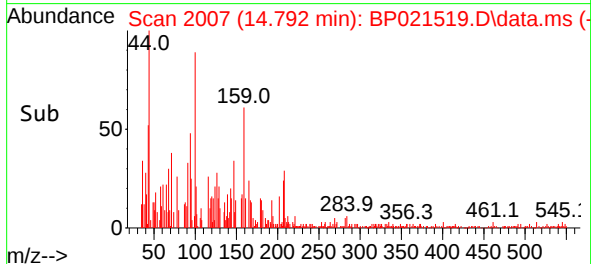
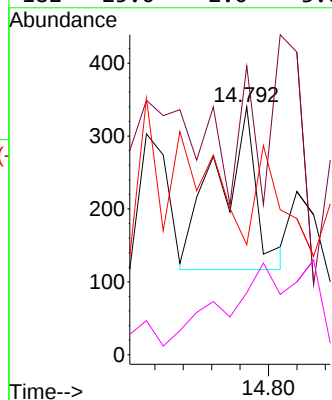
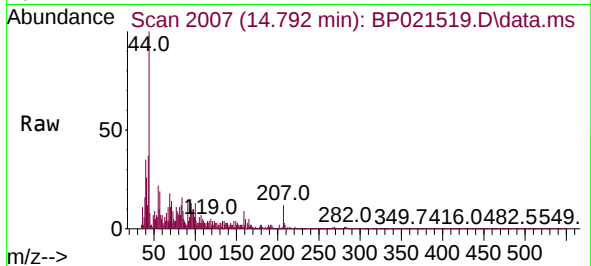




#57
2,4-Dinitrotoluene
Concen: 5.034 ng
RT: 14.792 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

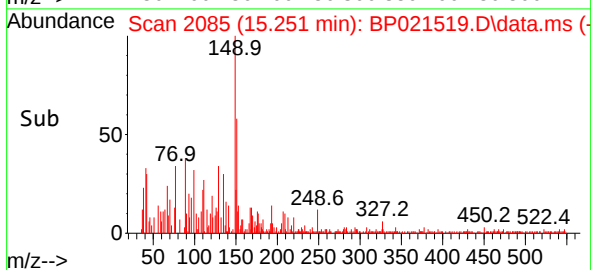
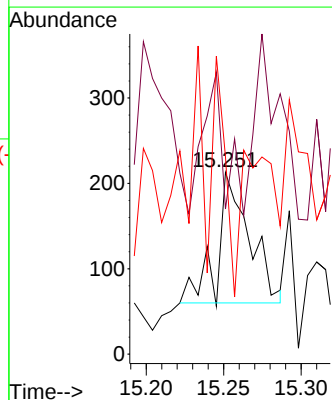
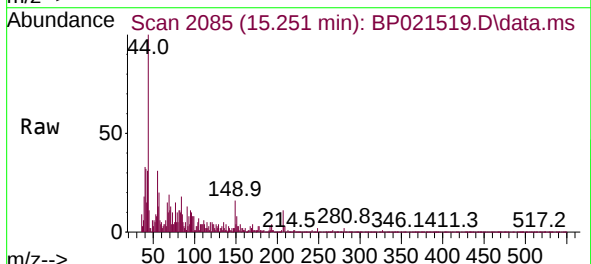
Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-1.5-2-081224

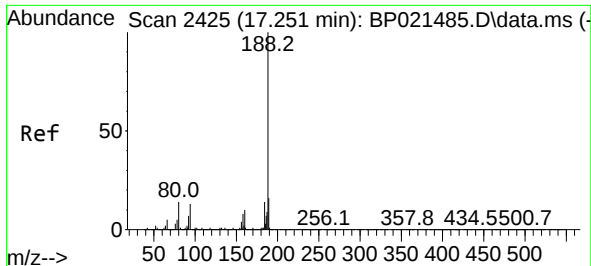
Tgt Ion:165 Resp: 215
Ion Ratio Lower Upper
165 100
63 116.5 42.5 63.7#
89 44.4 77.1 115.7#
182 25.0 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.950 ng
RT: 15.251 min Scan# 2085
Delta R.T. -0.277 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:138 Resp: 222
Ion Ratio Lower Upper
138 100
92 79.8 46.4 86.4
108 108.5 73.2 113.2



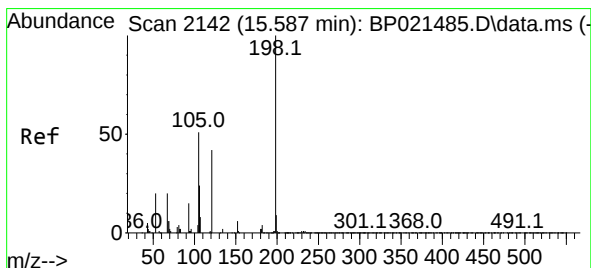
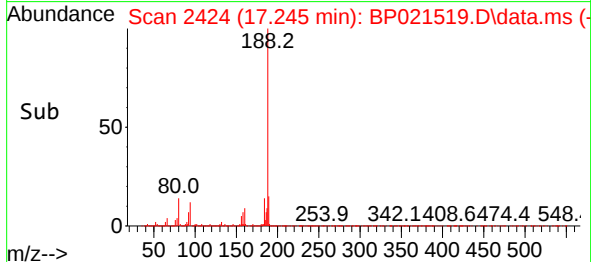
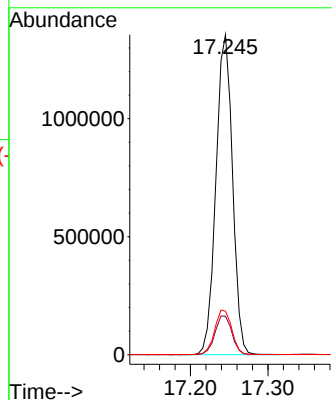
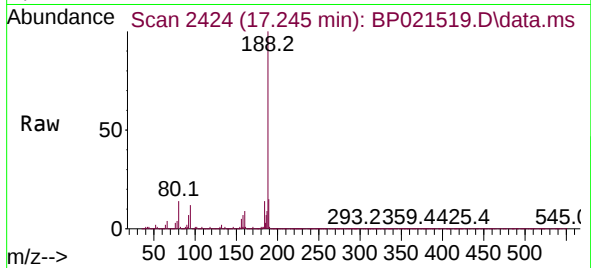


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Instrument :
BNA_P
ClientSampleId :
S-855-J-SO-1.5-2-081224

Tgt Ion:188 Resp: 2011752

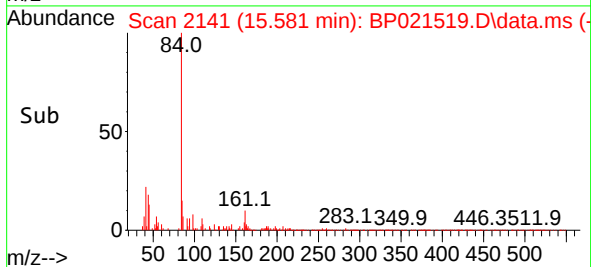
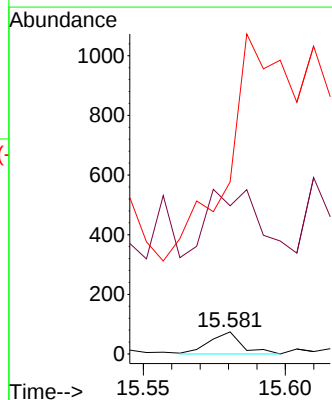
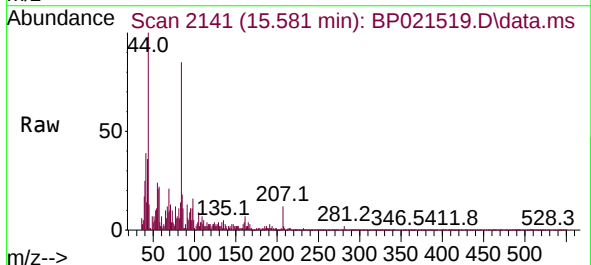
Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.2	15.4
80	13.6	11.6	17.4

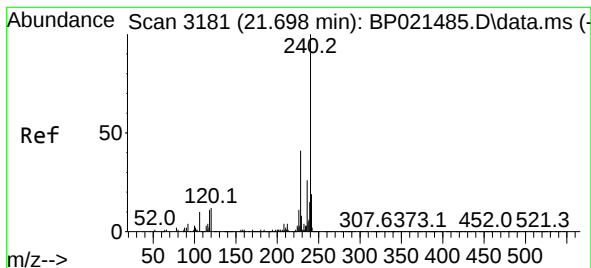


#65
4,6-Dinitro-2-methylphenol
Concen: 4.619 ng
RT: 15.581 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP021519.D
Acq: 15 Aug 2024 18:37

Tgt Ion:198 Resp: 59

Ion	Ratio	Lower	Upper
198	100		
51	671.6	21.5	61.5#
105	779.7	32.9	72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.686 min Scan# 3181

Delta R.T. -0.012 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-1.5-2-081224

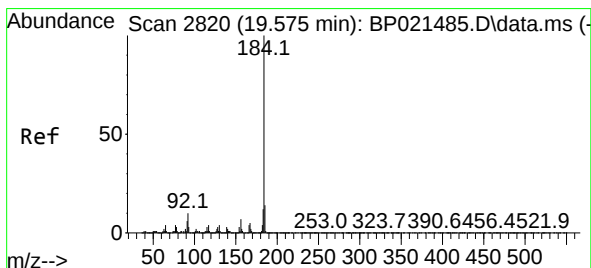
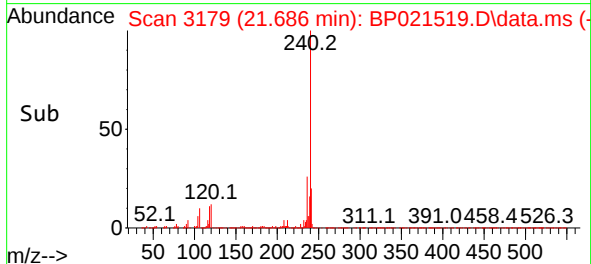
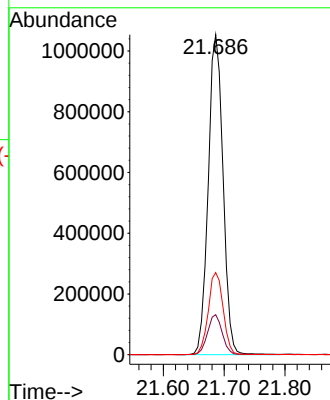
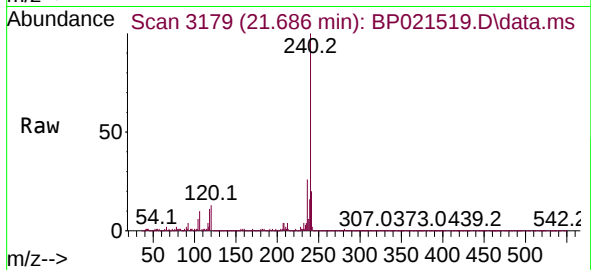
Tgt Ion:240 Resp: 1777410

Ion Ratio Lower Upper

240 100

120 12.5 9.9 14.9

236 25.7 20.6 30.8



#77

Benzidine

Concen: 4.574 ng

RT: 19.563 min Scan# 2818

Delta R.T. -0.012 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

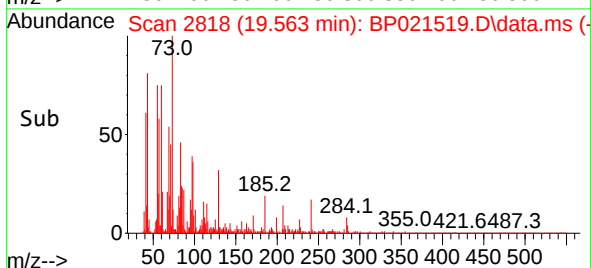
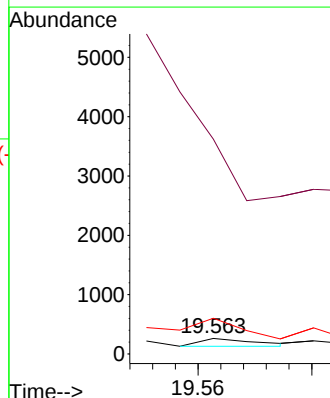
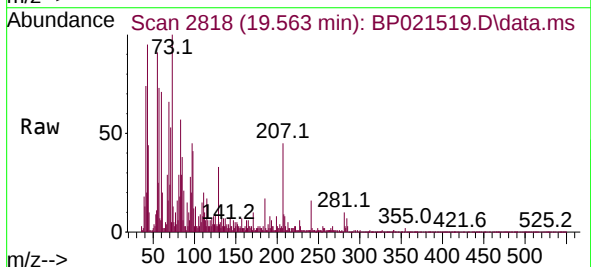
Tgt Ion:184 Resp: 92

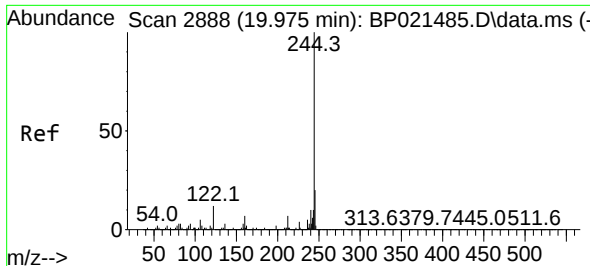
Ion Ratio Lower Upper

184 100

185 1382.8 11.4 17.0#

183 229.4 9.3 13.9#

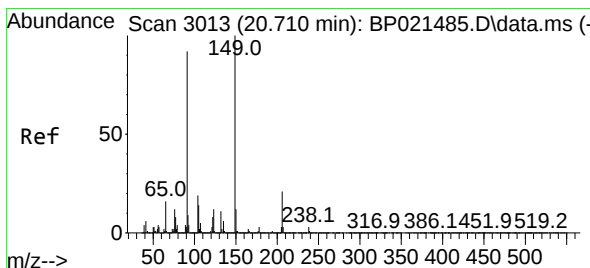
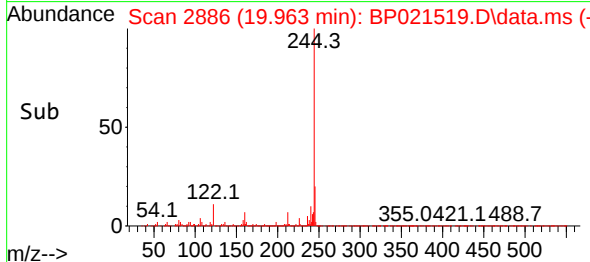
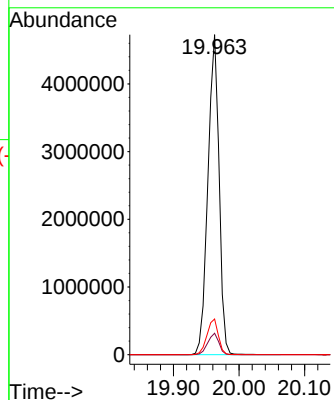
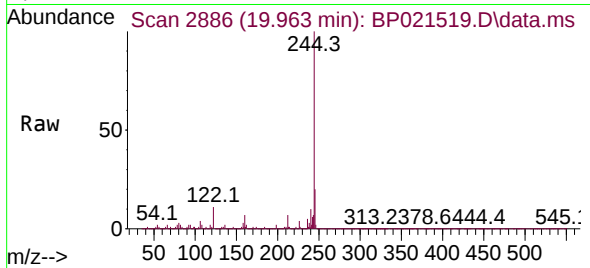




#79
 Terphenyl-d14
 Concen: 61.243 ng
 RT: 19.963 min Scan# 2886
 Delta R.T. -0.012 min
 Lab File: BP021519.D
 Acq: 15 Aug 2024 18:37

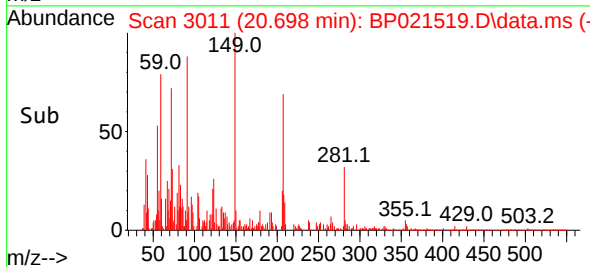
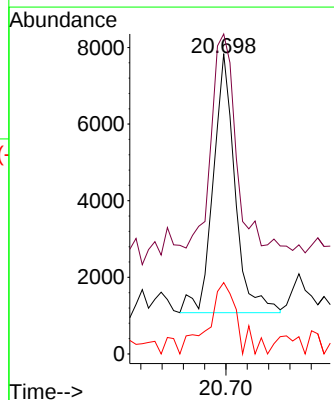
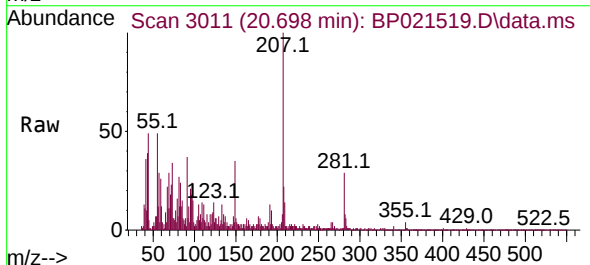
Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-1.5-2-081224

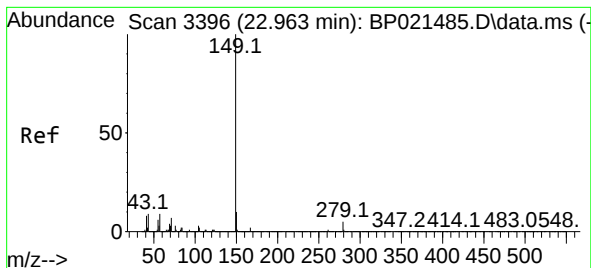
Tgt Ion:244 Resp: 5603122
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.2 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.805 ng
 RT: 20.698 min Scan# 3011
 Delta R.T. -0.012 min
 Lab File: BP021519.D
 Acq: 15 Aug 2024 18:37

Tgt Ion:149 Resp: 9633
 Ion Ratio Lower Upper
 149 100
 91 106.5 73.3 109.9
 206 23.8 17.1 25.7





#85

Di-n-octyl phthalate

Concen: 5.027 ng

RT: 22.927 min Scan# 31

Delta R.T. -0.036 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

Instrument :

BNA_P

ClientSampleId :

S-855-J-SO-1.5-2-081224

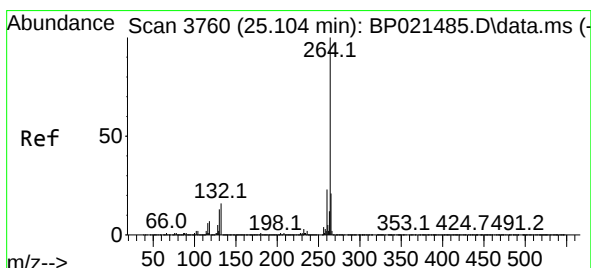
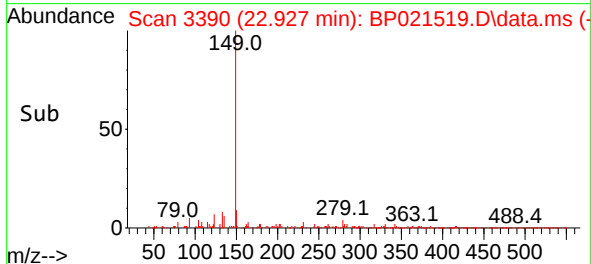
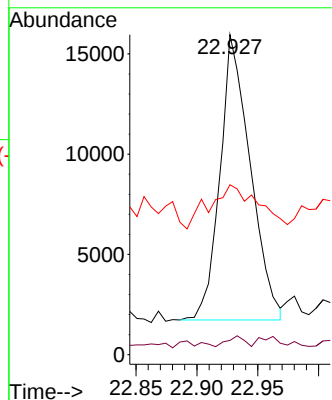
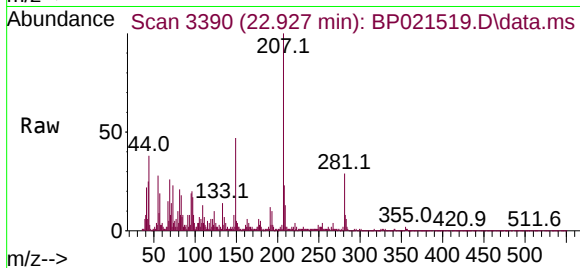
Tgt Ion:149 Resp: 24601

Ion Ratio Lower Upper

149 100

167 2.1 1.3 1.9#

43 24.7 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.080 min Scan# 3756

Delta R.T. -0.024 min

Lab File: BP021519.D

Acq: 15 Aug 2024 18:37

Tgt Ion:264 Resp: 1945982

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.6 17.1 25.7

