

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021522.D
 Acq On : 15 Aug 2024 20:47
 Operator : RC/JU
 Sample : P3573-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-856-J-S0-1-1.5-080924-FD

Quant Time: Aug 16 01:30:27 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)

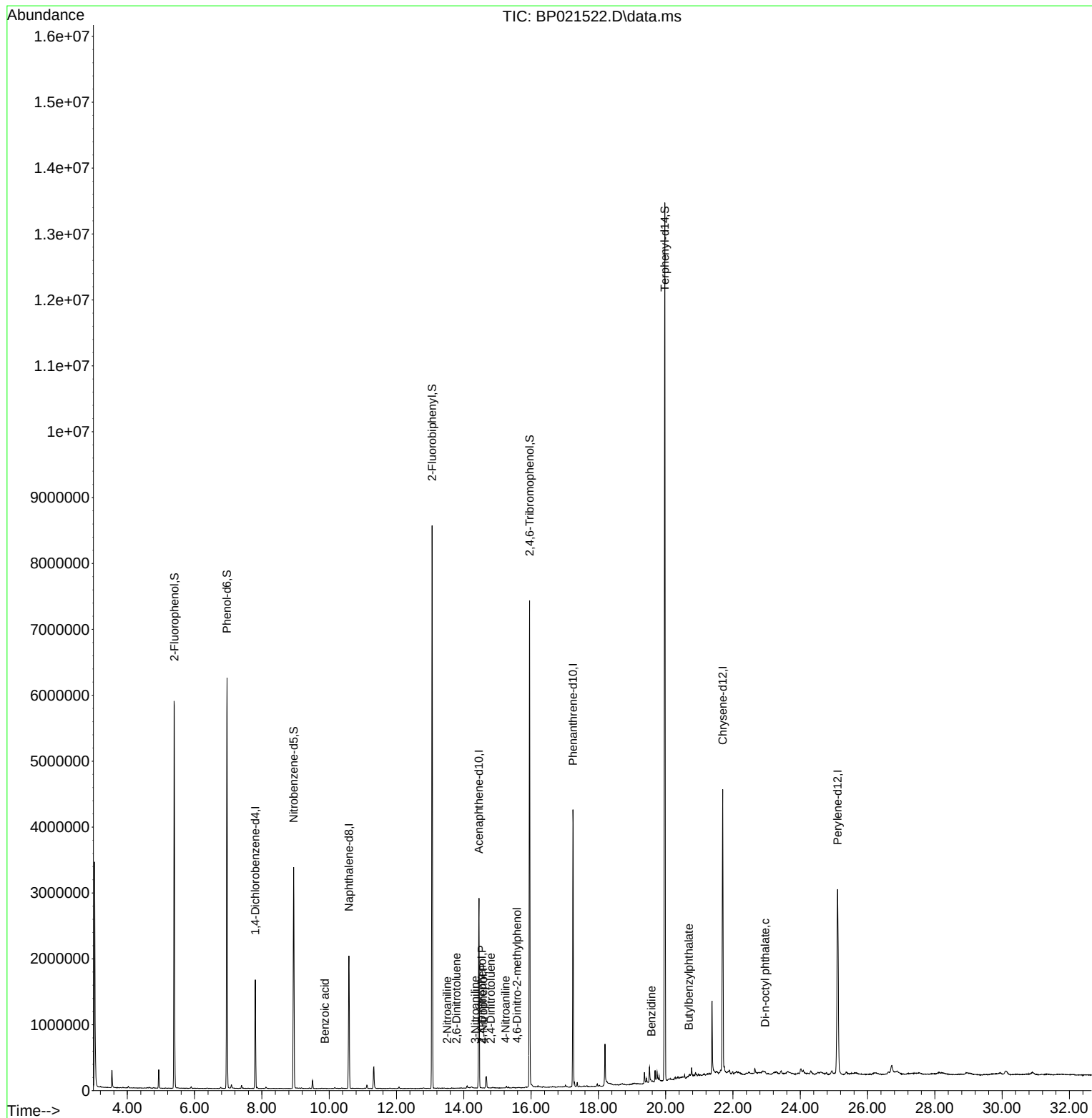
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	407787	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1624324	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1041844	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	2325604	20.000	ng	0.00
76) Chrysene-d12	21.698	240	2526677	20.000	ng	0.00
86) Perylene-d12	25.109	264	2812398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2688199	97.885	ng	0.00
7) Phenol-d6	6.963	99	3817853	95.298	ng	0.00
23) Nitrobenzene-d5	8.946	82	2205682	70.088	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1338906	115.470	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4114284	60.269	ng	0.00
79) Terphenyl-d14	19.974	244	7725700	59.402	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.710	139	167	Below Cal	#	1
32) Benzoic acid	9.875	122	57	3.325 ng	#	1
48) 2-Nitroaniline	13.510	65	371	5.168 ng	#	33
51) 2,6-Dinitrotoluene	13.781	165	272	4.003 ng		96
53) 3-Nitroaniline	14.345	138	155	3.979 ng	#	1
54) 2,4-Dinitrophenol	14.539	184	8	2.434 ng	#	1
56) 4-Nitrophenol	14.575	139	135	5.089 ng		87
57) 2,4-Dinitrotoluene	14.804	165	204	5.033 ng	#	90
62) 4-Nitroaniline	15.245	138	67	2.939 ng		89
65) 4,6-Dinitro-2-methylph...	15.581	198	16	4.609 ng	#	1
77) Benzidine	19.580	184	145	4.574 ng	#	1
80) Butylbenzylphthalate	20.692	149	4752	3.673 ng	#	87
85) Di-n-octyl phthalate	22.957	149	18550	4.938 ng	#	98

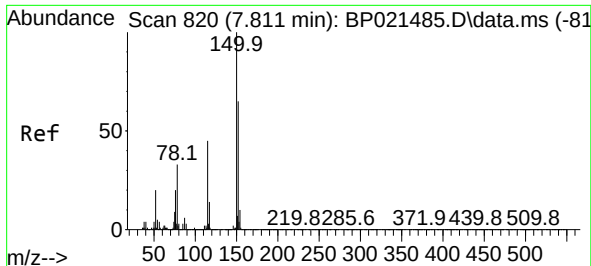
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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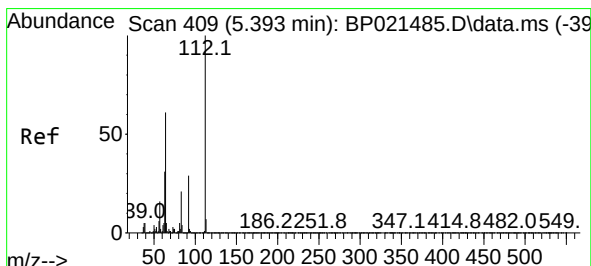
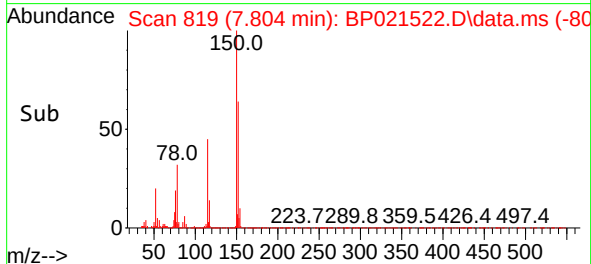
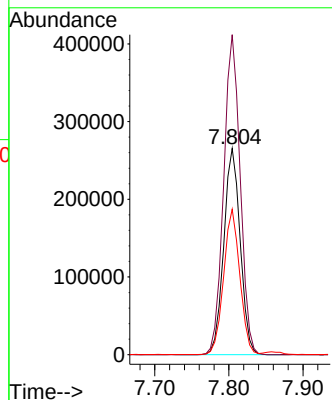
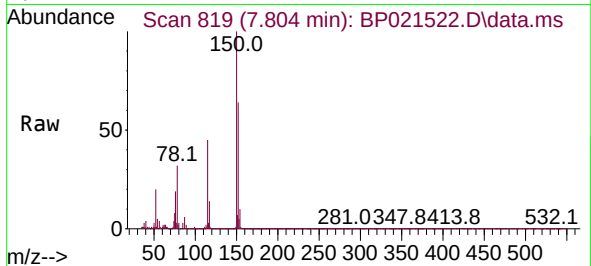




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

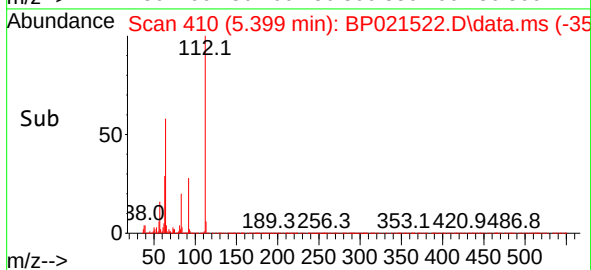
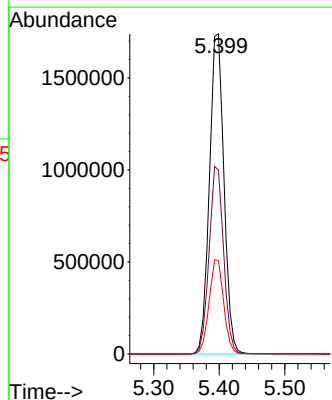
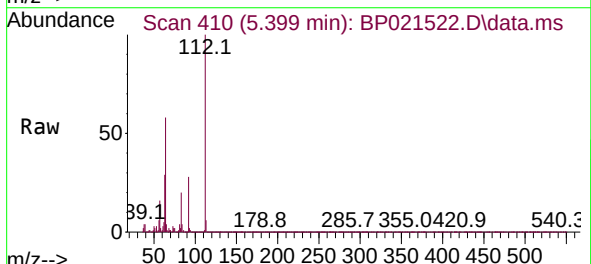
Instrument :
BNA_P
ClientSampleId :
S-856-J-S0-1-1.5-080924-FD

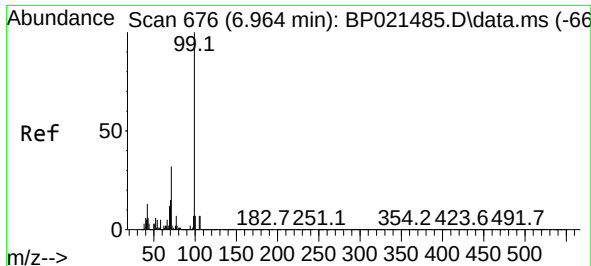
Tgt Ion:152 Resp: 407787
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 70.5 54.7 82.1



#5
2-Fluorophenol
Concen: 97.885 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:112 Resp: 2688199
Ion Ratio Lower Upper
112 100
64 57.5 49.0 73.6
63 29.2 24.6 36.8

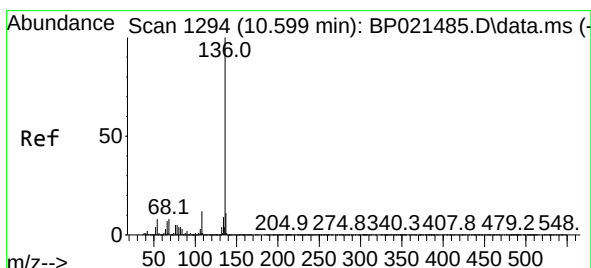
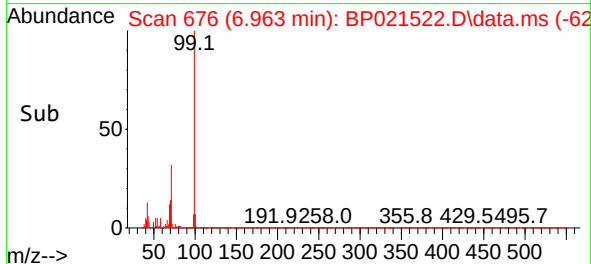
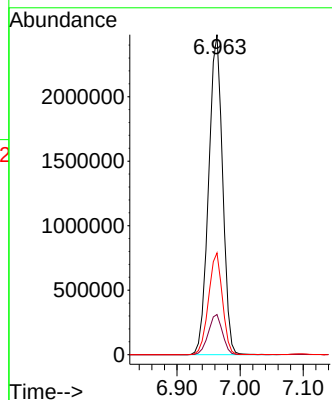
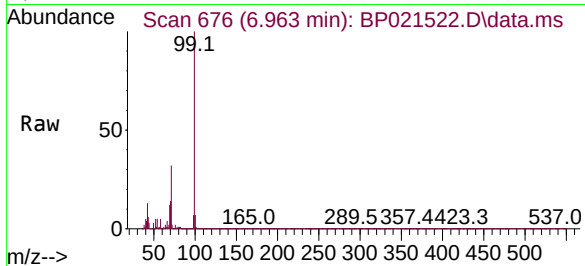




#7
Phenol-d6
Concen: 95.298 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

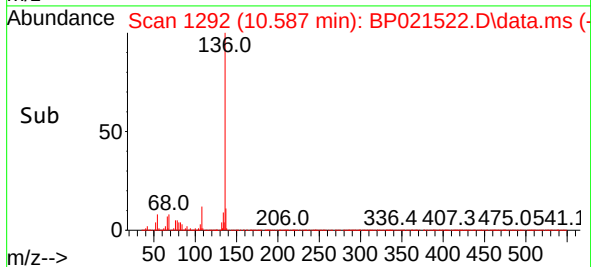
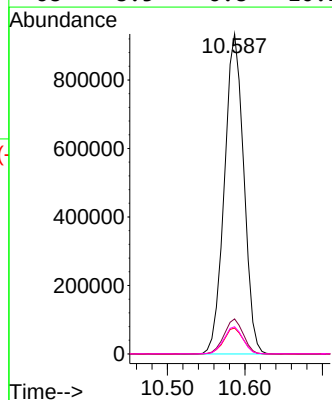
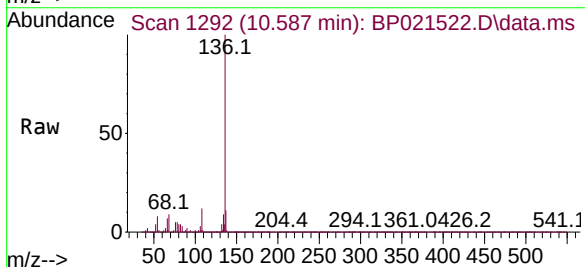
Instrument :
BNA_P
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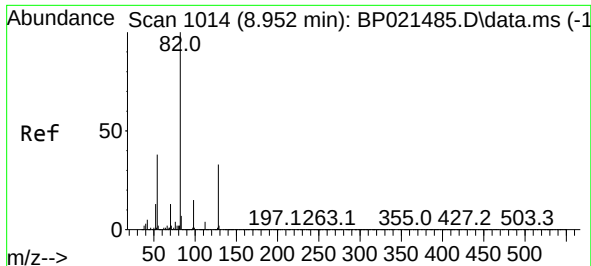
Tgt Ion: 99 Resp: 3817853
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 31.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion: 136 Resp: 1624324
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 6.3 9.5
68 8.5 6.8 10.2





#23

Nitrobenzene-d5

Concen: 70.088 ng

RT: 8.946 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-1-1.5-080924-FD

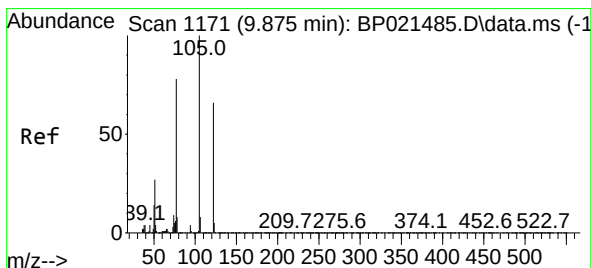
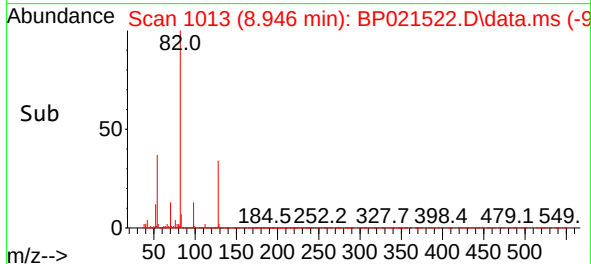
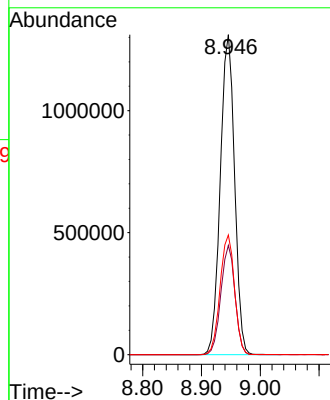
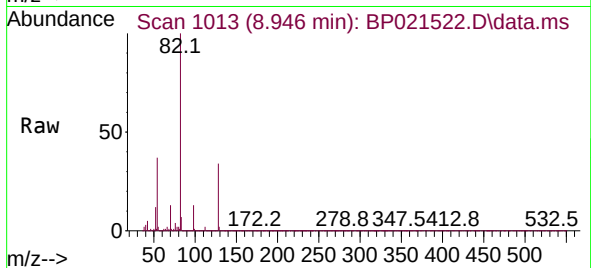
Tgt Ion: 82 Resp: 2205682

Ion Ratio Lower Upper

82 100

128 34.2 26.5 39.7

54 37.4 30.3 45.5



#32

Benzoic acid

Concen: 3.325 ng

RT: 9.875 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

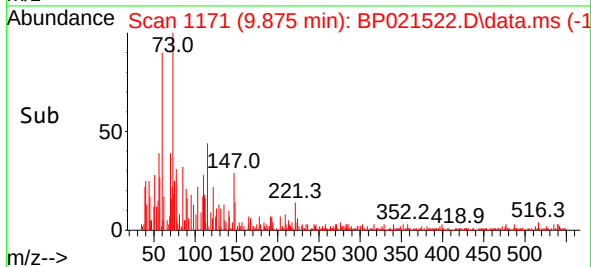
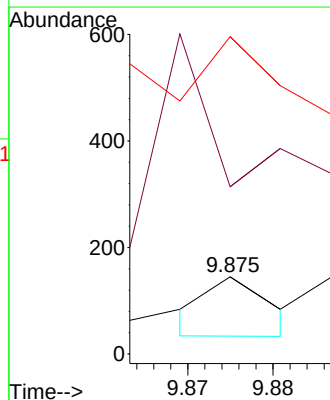
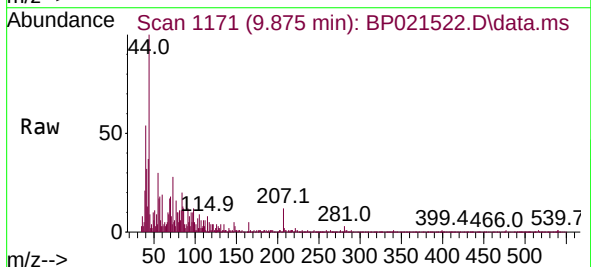
Tgt Ion: 122 Resp: 57

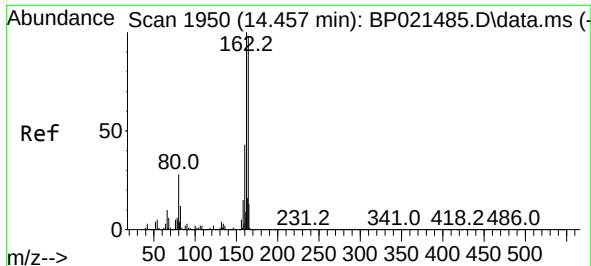
Ion Ratio Lower Upper

122 100

105 216.6 124.6 164.6#

77 411.0 96.2 136.2#

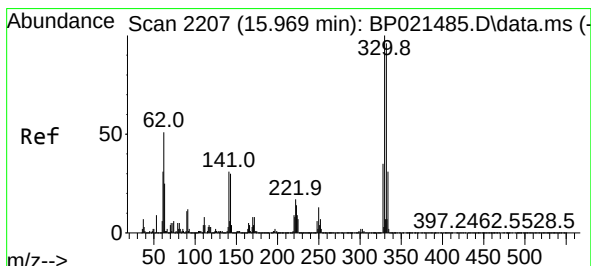
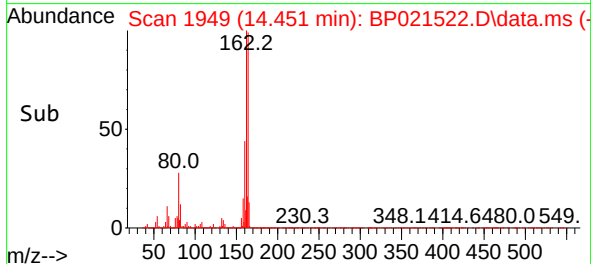
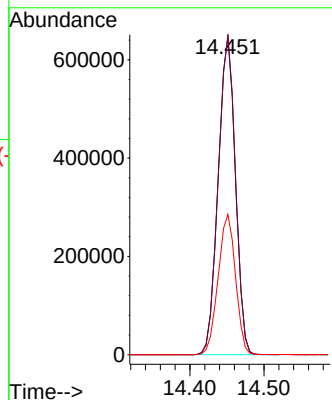
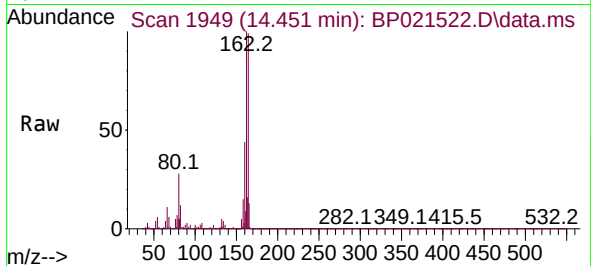




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

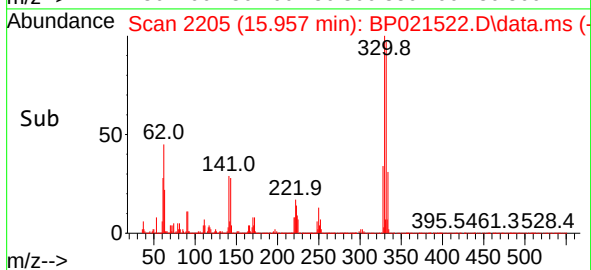
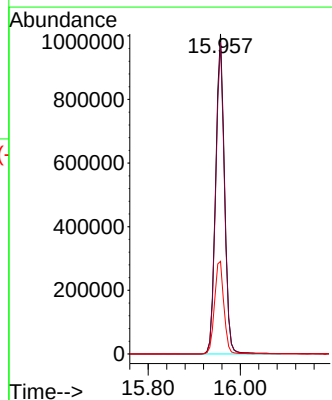
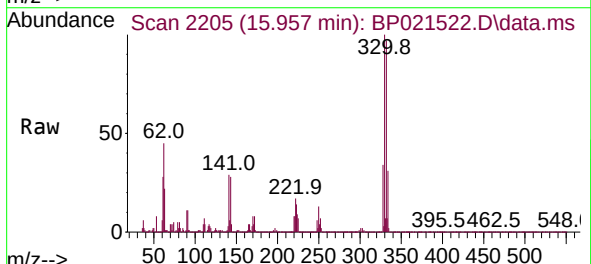
Instrument :
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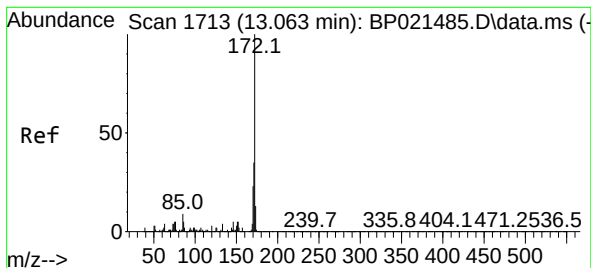
Tgt Ion:164 Resp: 1041844
Ion Ratio Lower Upper
164 100
162 100.8 81.5 122.3
160 44.2 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 115.470 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:330 Resp: 1338906
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 30.6 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 60.269 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-1-1.5-080924-FD

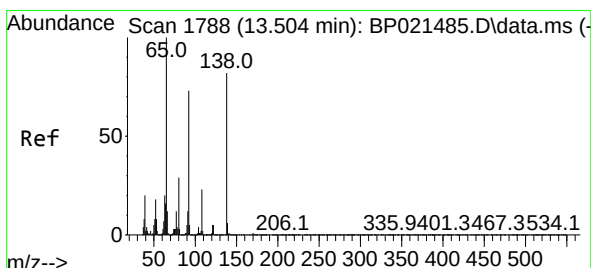
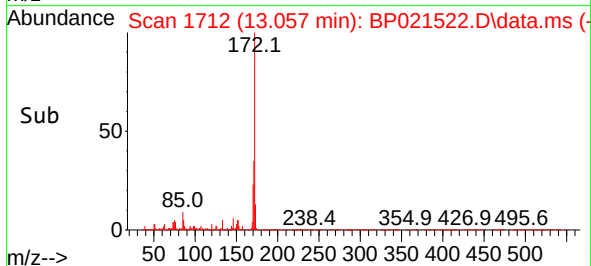
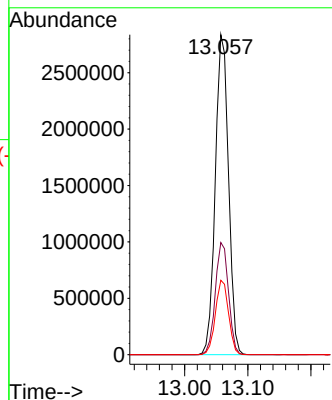
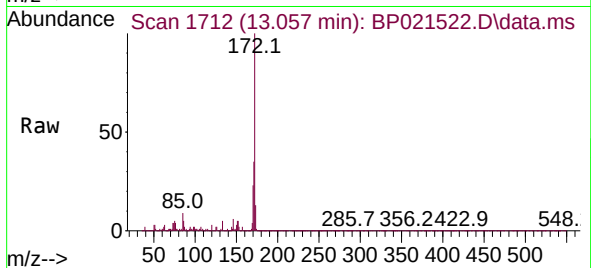
Tgt Ion:172 Resp: 4114284

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.2 18.4 27.6



#48

2-Nitroaniline

Concen: 5.168 ng

RT: 13.510 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

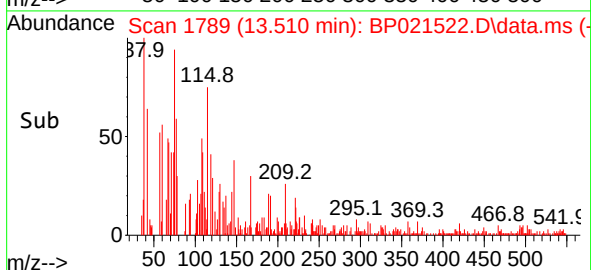
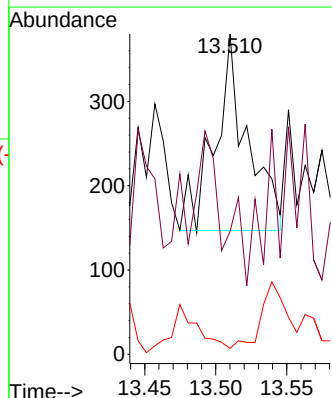
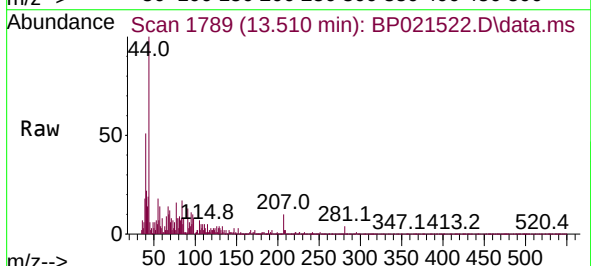
Tgt Ion: 65 Resp: 371

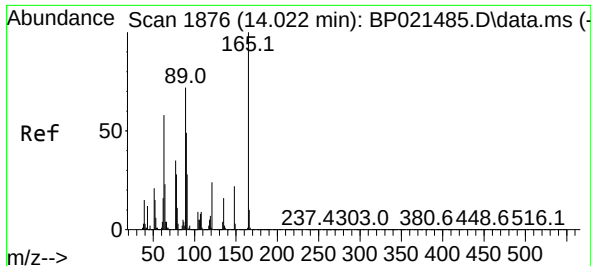
Ion Ratio Lower Upper

65 100

92 38.4 58.1 87.1#

138 1.8 65.5 98.3#

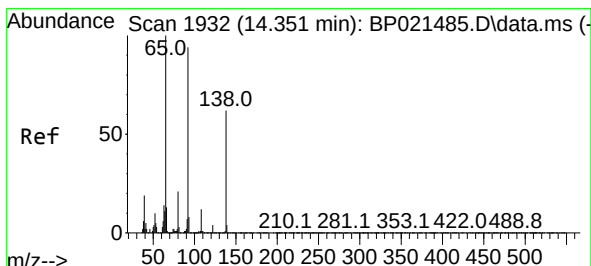
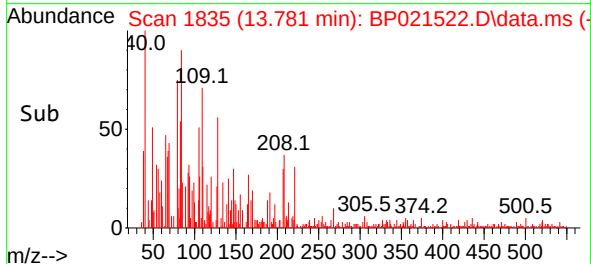
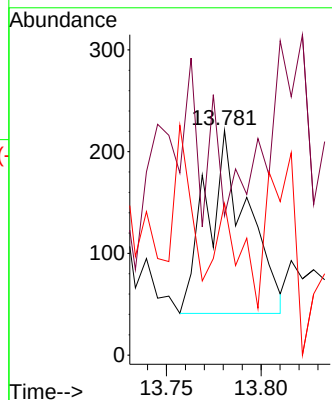
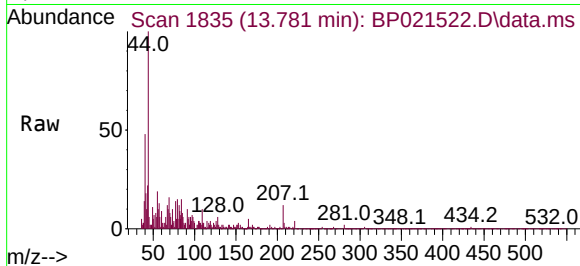




#51
2,6-Dinitrotoluene
Concen: 4.003 ng
RT: 13.781 min Scan# 1876
Delta R.T. -0.241 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

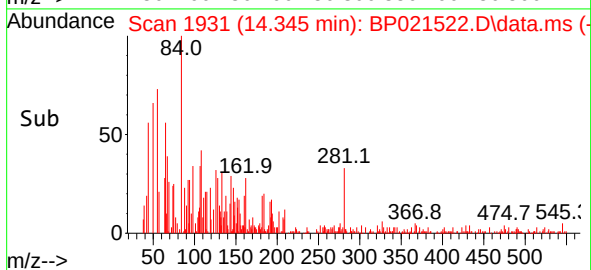
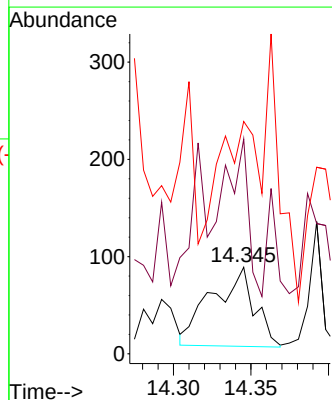
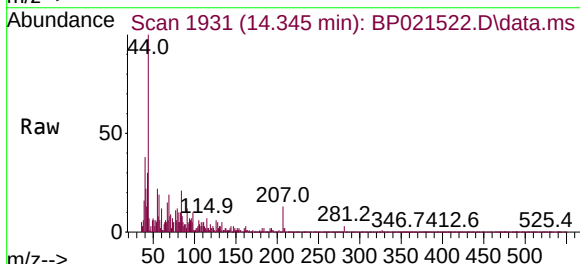
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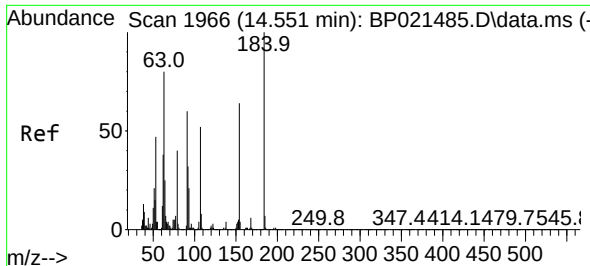
Tgt Ion:165 Resp: 272
Ion Ratio Lower Upper
165 100
63 62.0 51.5 77.3
89 76.9 57.8 86.8



#53
3-Nitroaniline
Concen: 3.979 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:138 Resp: 155
Ion Ratio Lower Upper
138 100
108 248.3 16.2 24.4#
92 268.5 122.2 183.4#

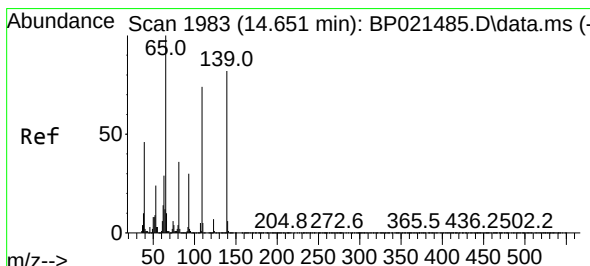
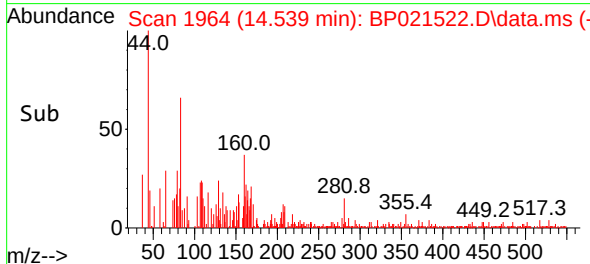
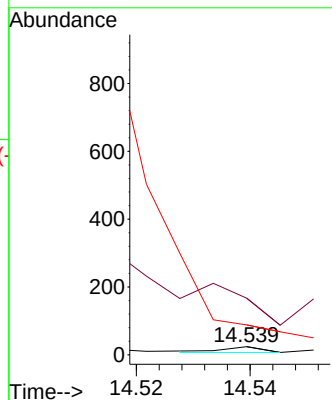
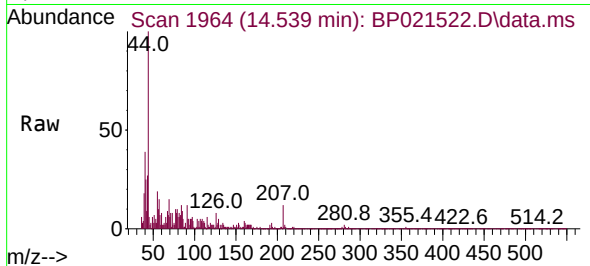




#54
2,4-Dinitrophenol
Concen: 2.434 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

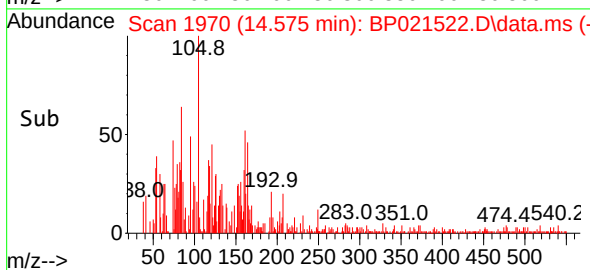
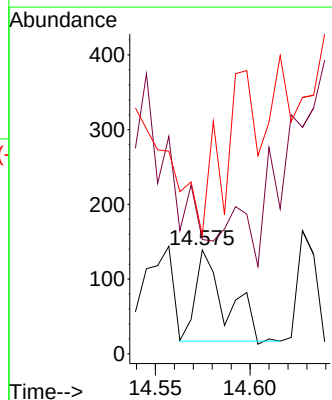
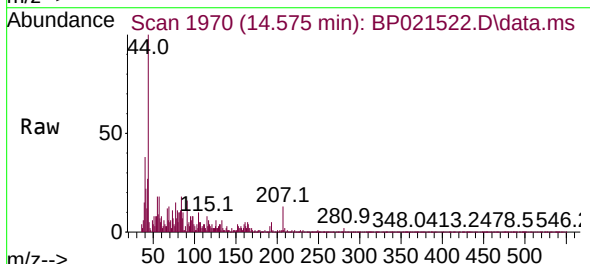
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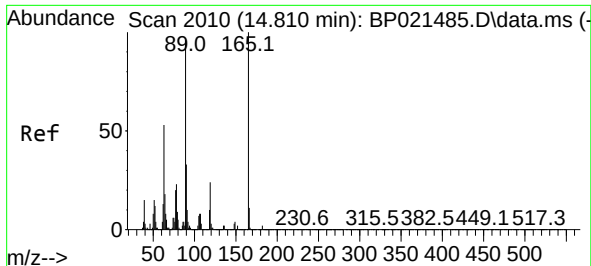
Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 695.8 64.9 97.3#
154 366.7 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.089 ng
RT: 14.575 min Scan# 1970
Delta R.T. -0.076 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:139 Resp: 135
Ion Ratio Lower Upper
139 100
109 110.1 70.2 110.2
65 114.4 101.8 141.8





#57

2,4-Dinitrotoluene

Concen: 5.033 ng

RT: 14.804 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP021522.D

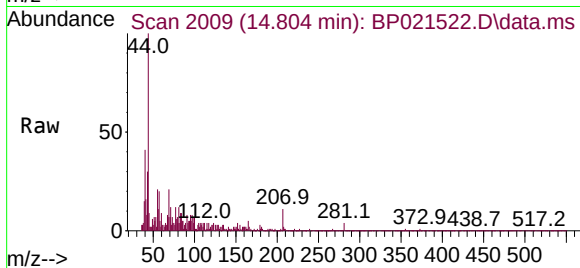
Acq: 15 Aug 2024 20:47

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-1-1.5-080924-FD



Tgt Ion:165 Resp: 204

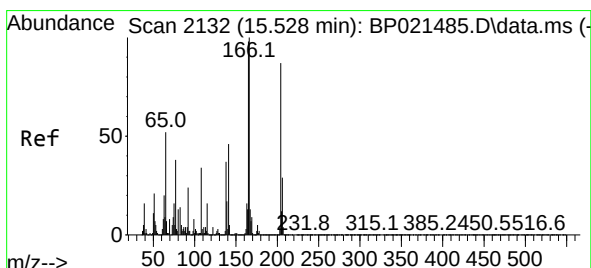
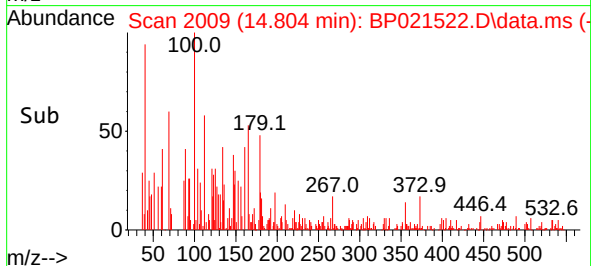
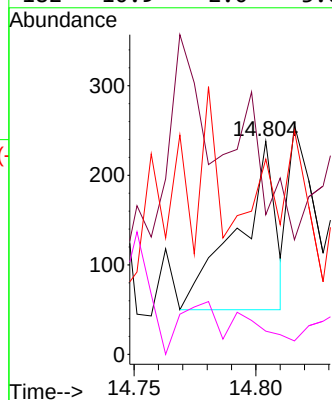
Ion Ratio Lower Upper

165 100

63 65.5 42.5 63.7#

89 91.6 77.1 115.7

182 10.9 2.0 3.0#



#62

4-Nitroaniline

Concen: 2.939 ng

RT: 15.245 min Scan# 2084

Delta R.T. -0.283 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

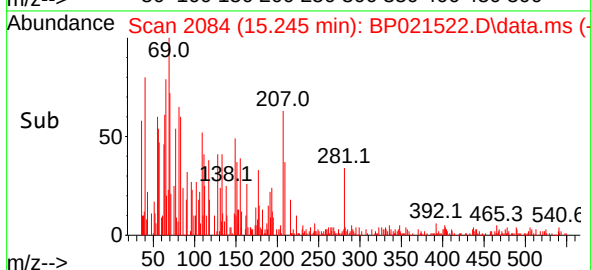
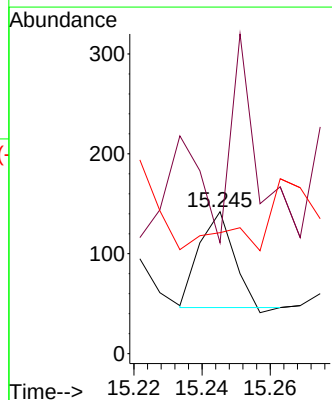
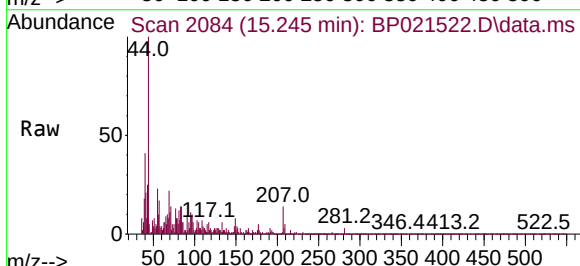
Tgt Ion:138 Resp: 67

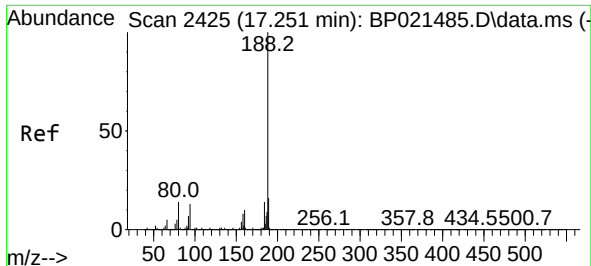
Ion Ratio Lower Upper

138 100

92 78.2 46.4 86.4

108 85.2 73.2 113.2

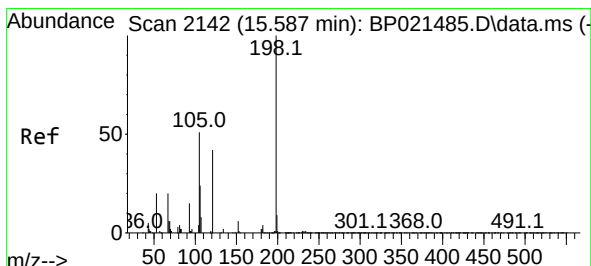
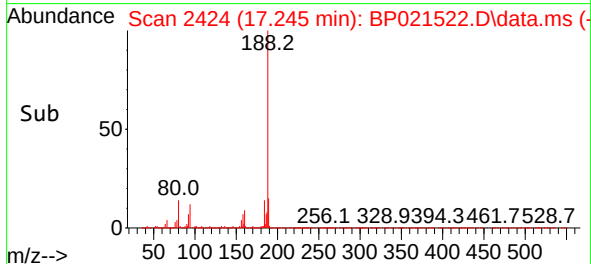
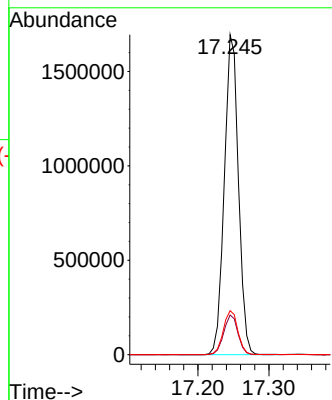
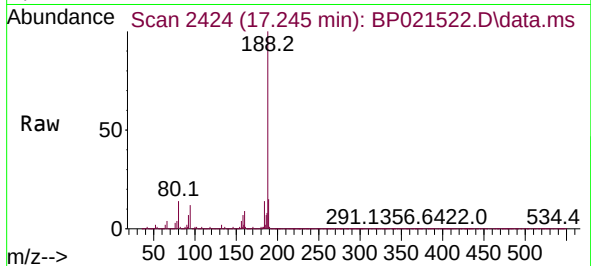




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

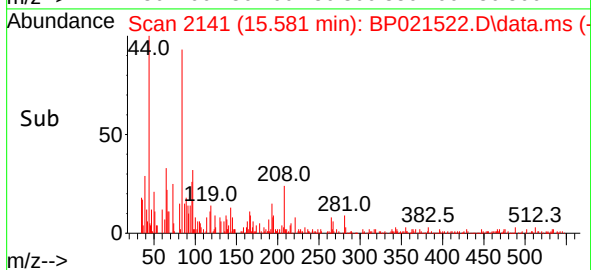
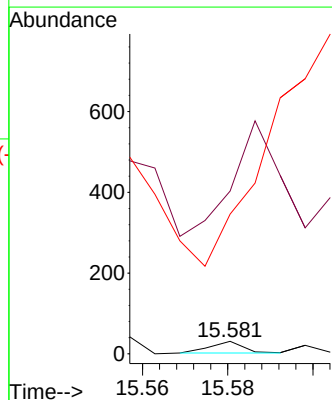
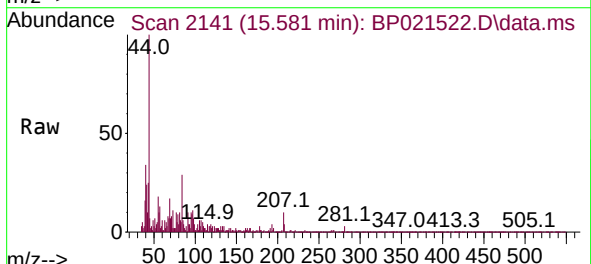
Instrument :
BNA_P
ClientSampleId :
S-856-J-S0-1-1.5-080924-FD

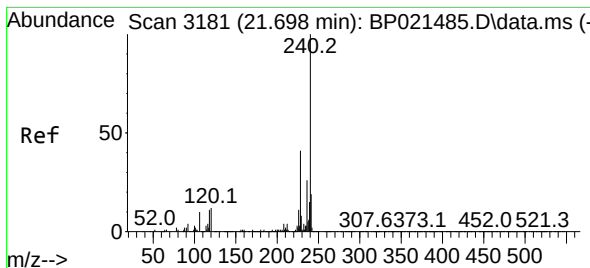
Tgt Ion:188 Resp: 2325604
Ion Ratio Lower Upper
188 100
94 12.4 10.2 15.4
80 13.8 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.609 ng
RT: 15.581 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1300.0 21.5 61.5#
105 1116.1 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.698 min Scan# 3181

Delta R.T. -0.000 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-1-1.5-080924-FD

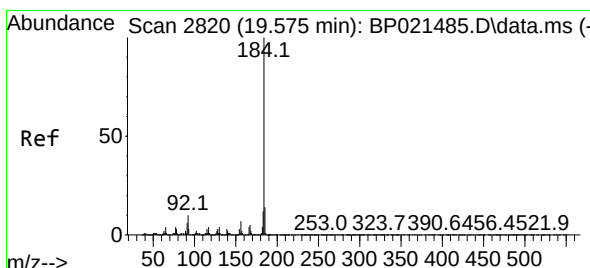
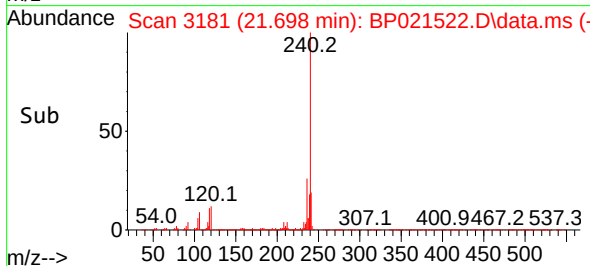
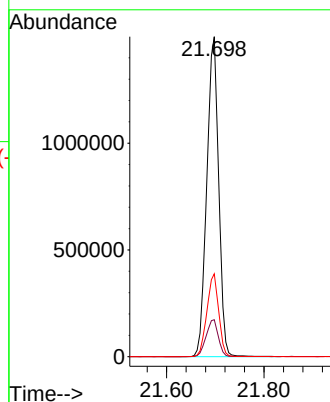
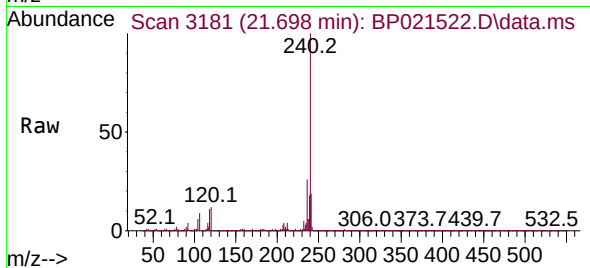
Tgt Ion:240 Resp: 2526677

Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.9 20.6 30.8



#77

Benzidine

Concen: 4.574 ng

RT: 19.580 min Scan# 2821

Delta R.T. 0.005 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

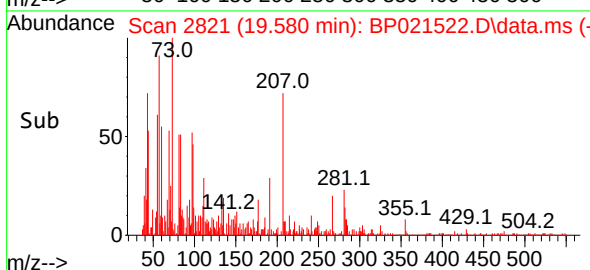
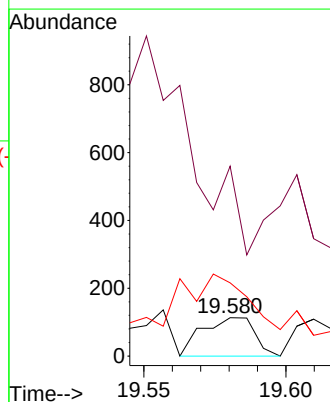
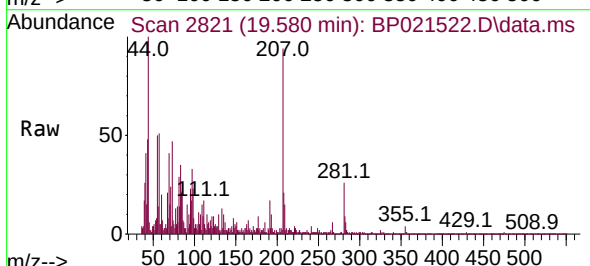
Tgt Ion:184 Resp: 145

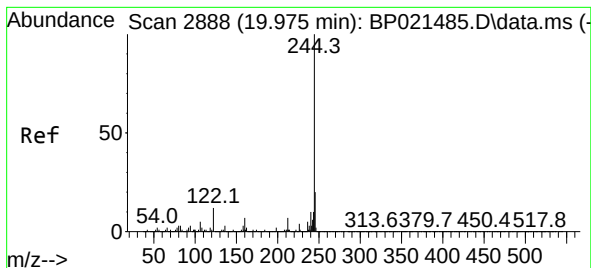
Ion Ratio Lower Upper

184 100

185 277.2 11.4 17.0#

183 106.9 9.3 13.9#





#79

Terphenyl-d14

Concen: 59.402 ng

RT: 19.974 min Scan# 21

Delta R.T. -0.001 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Instrument :

BNA_P

ClientSampleId :

S-856-J-S0-1-1.5-080924-FD

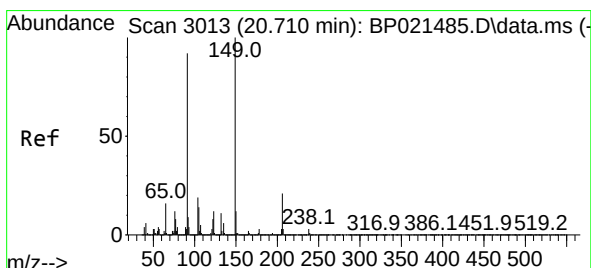
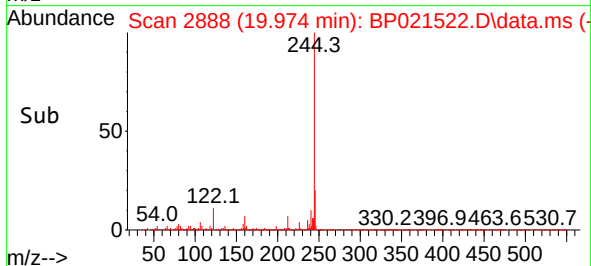
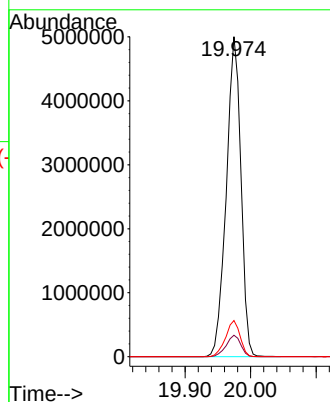
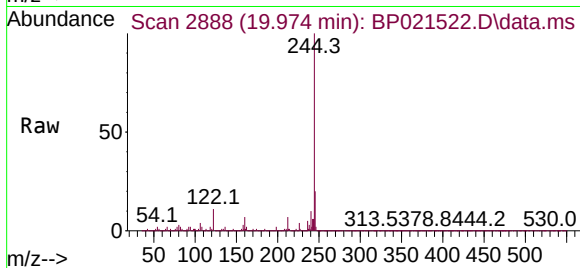
Tgt Ion:244 Resp: 7725700

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.673 ng

RT: 20.692 min Scan# 3010

Delta R.T. -0.018 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

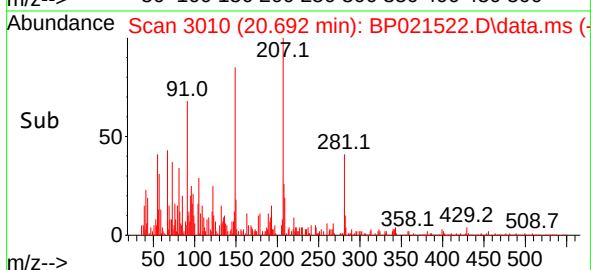
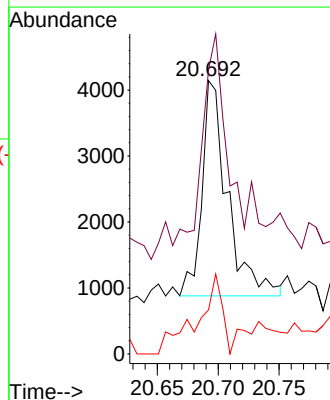
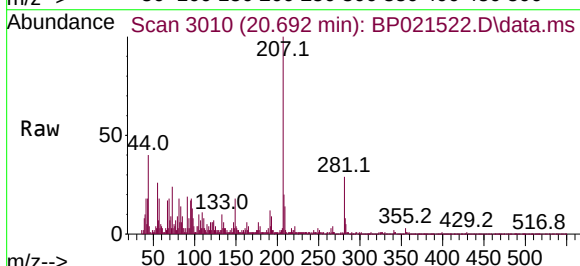
Tgt Ion:149 Resp: 4752

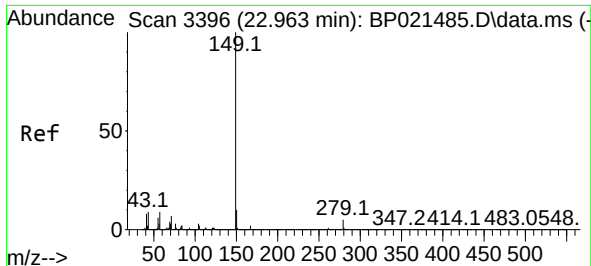
Ion Ratio Lower Upper

149 100

91 103.8 73.3 109.9

206 16.1 17.1 25.7#

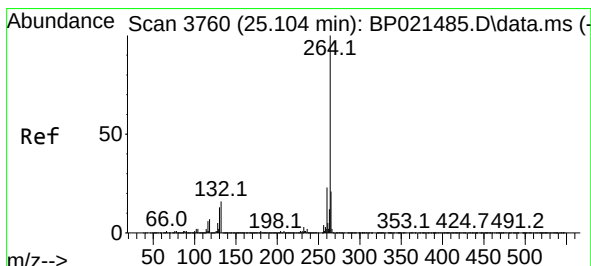
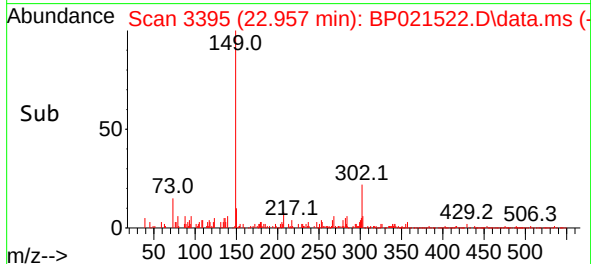
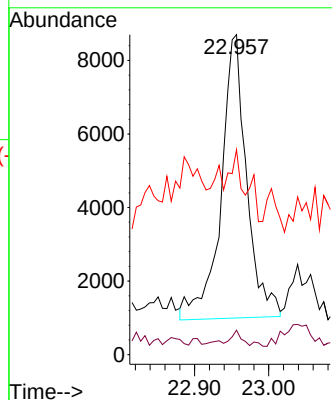
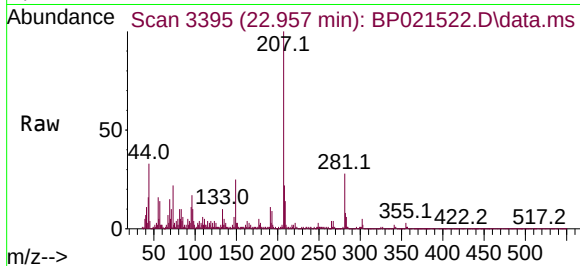




#85
Di-n-octyl phthalate
Concen: 4.938 ng
RT: 22.957 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Instrument :
BNA_P
ClientSampleId :
S-856-J-S0-1-1.5-080924-FD

Tgt Ion:149 Resp: 18550
Ion Ratio Lower Upper
149 100
167 2.8 1.3 1.9#
43 8.6 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.109 min Scan# 3761
Delta R.T. 0.006 min
Lab File: BP021522.D
Acq: 15 Aug 2024 20:47

Tgt Ion:264 Resp: 2812398
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.6 17.1 25.7

