

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021536.D
 Acq On : 16 Aug 2024 12:24
 Operator : RC/JU
 Sample : P3519-19RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-CF-02-080624RE

Quant Time: Aug 16 13:24:33 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)

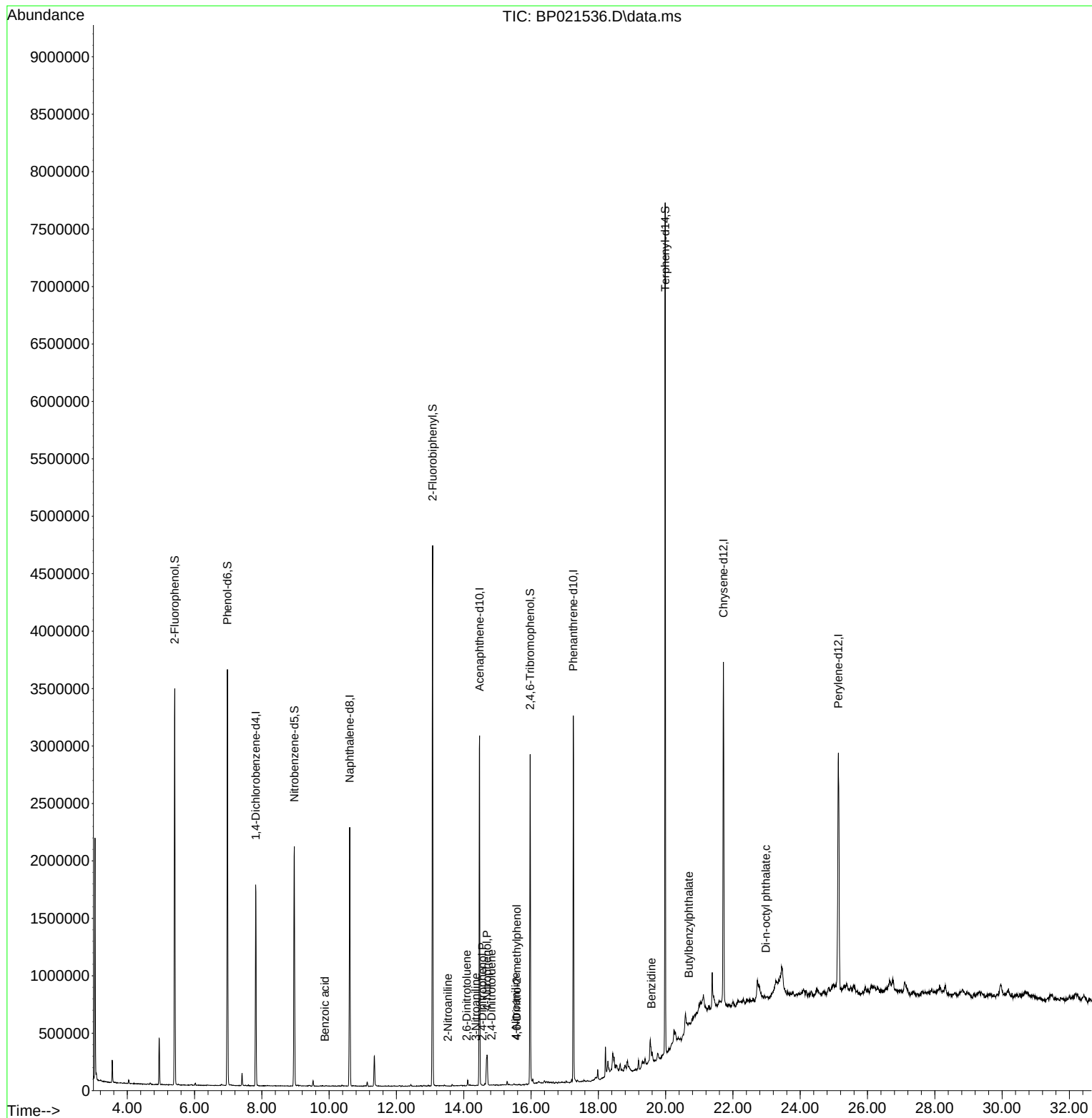
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	459114	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1802891	20.000	ng	0.01
39) Acenaphthene-d10	14.469	164	991466	20.000	ng	0.01
64) Phenanthrene-d10	17.257	188	1799728	20.000	ng	0.00
76) Chrysene-d12	21.716	240	1804989	20.000	ng	0.02
86) Perylene-d12	25.133	264	2158279	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	1592373	51.500	ng	0.02
7) Phenol-d6	6.975	99	2256709	50.033	ng	0.01
23) Nitrobenzene-d5	8.963	82	1350211	38.655	ng	0.01
42) 2,4,6-Tribromophenol	15.975	330	569255	51.588	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2428667	37.384	ng	0.01
79) Terphenyl-d14	19.986	244	3307909	35.603	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.681	139	167	Below Cal	#	6
32) Benzoic acid	9.875	122	244	3.345	ng	# 52
48) 2-Nitroaniline	13.528	65	121	5.154	ng	# 54
51) 2,6-Dinitrotoluene	14.087	165	167	3.997	ng	# 88
53) 3-Nitroaniline	14.357	138	128	3.978	ng	# 73
54) 2,4-Dinitrophenol	14.557	184	83	2.464	ng	# 1
56) 4-Nitrophenol	14.693	139	1152	5.177	ng	# 1
57) 2,4-Dinitrotoluene	14.822	165	56	5.025	ng	# 48
62) 4-Nitroaniline	15.545	138	183	2.947	ng	# 3
65) 4,6-Dinitro-2-methylph...	15.575	198	31	4.613	ng	# 1
77) Benzidine	19.575	184	427	4.580	ng	# 1
80) Butylbenzylphthalate	20.692	149	1114	3.625	ng	# 60
85) Di-n-octyl phthalate	22.980	149	831	4.843	ng	# 1

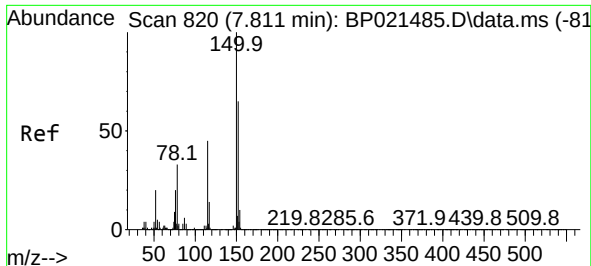
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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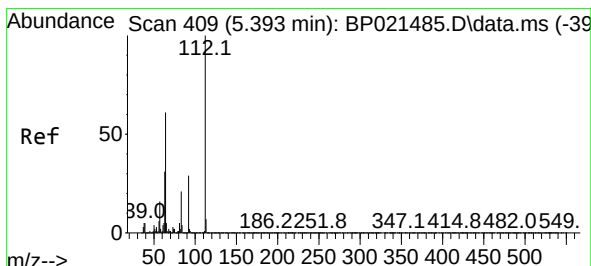
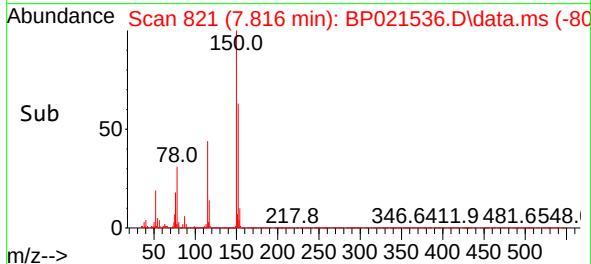
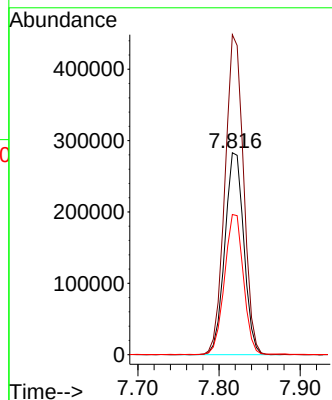
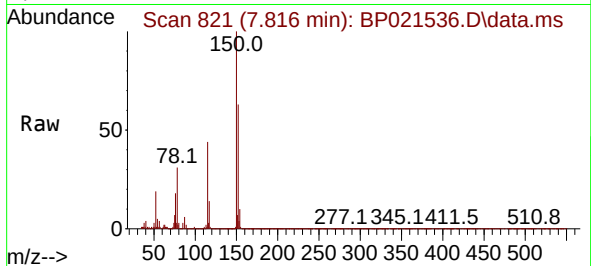




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

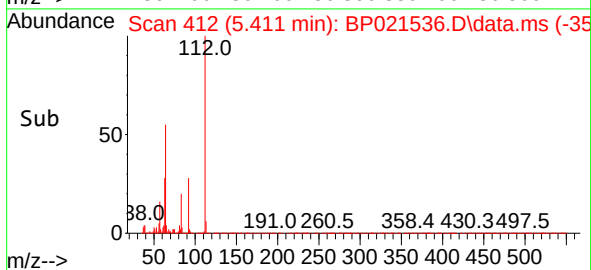
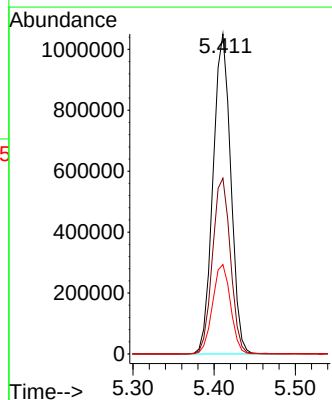
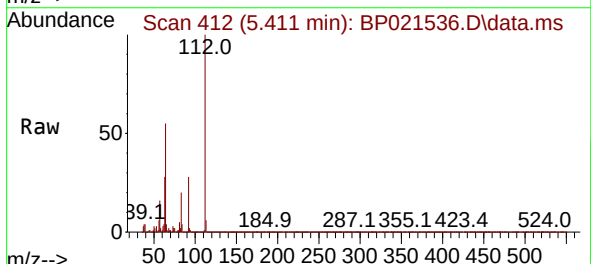
Instrument :
BNA_P
ClientSampleId :
OU4-CF-02-080624RE

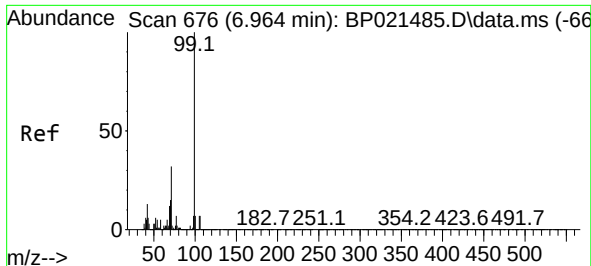
Tgt Ion:152 Resp: 459114
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 69.4 54.7 82.1



#5
2-Fluorophenol
Concen: 51.500 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

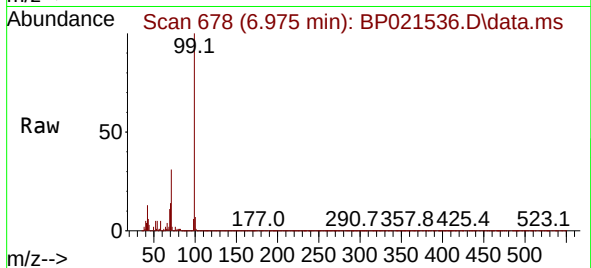
Tgt Ion:112 Resp: 1592373
Ion Ratio Lower Upper
112 100
64 54.9 49.0 73.6
63 27.9 24.6 36.8





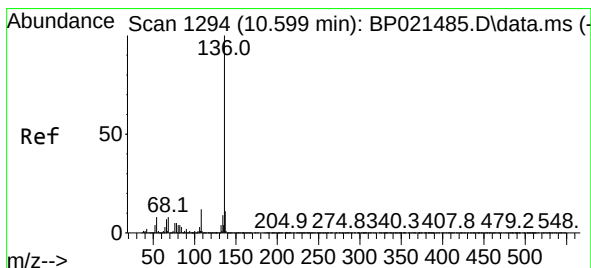
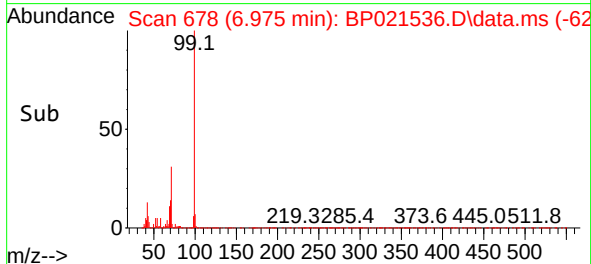
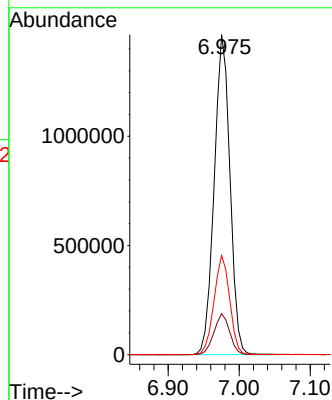
#7
Phenol-d6
Concen: 50.033 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

Instrument :
BNA_P
ClientSampleId :
OU4-CF-02-080624RE



Tgt Ion: 99 Resp: 2256709

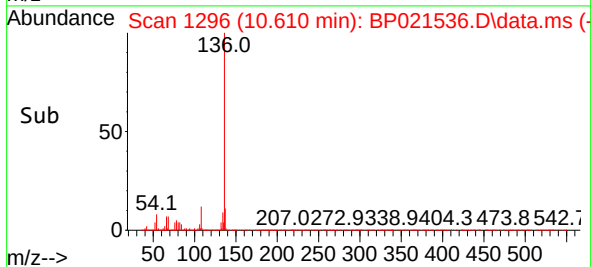
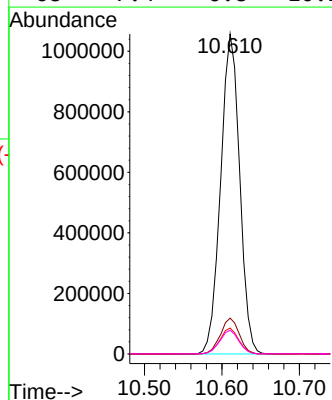
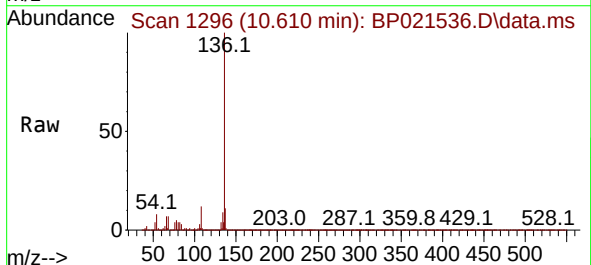
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.2	15.4
71	31.0	25.8	38.8

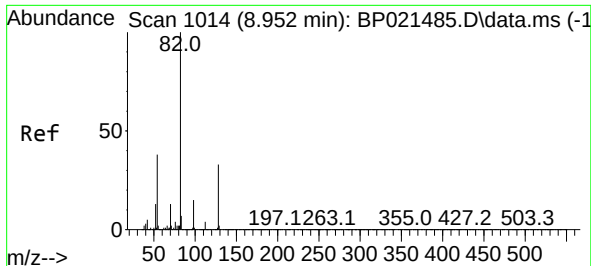


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.011 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

Tgt Ion: 136 Resp: 1802891

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.1	6.3	9.5
68	7.4	6.8	10.2





#23

Nitrobenzene-d5

Concen: 38.655 ng

RT: 8.963 min Scan# 1101

Delta R.T. 0.012 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

OU4-CF-02-080624RE

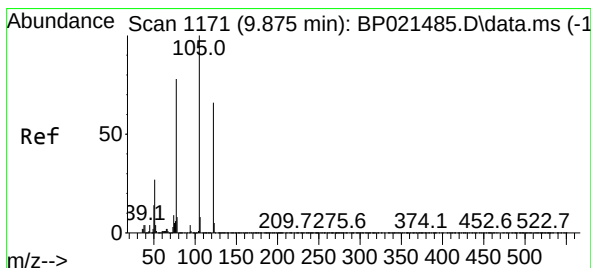
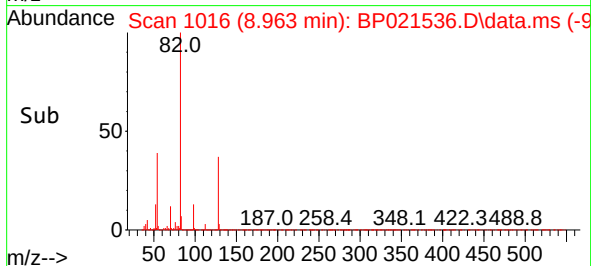
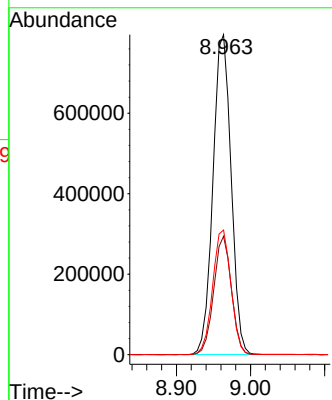
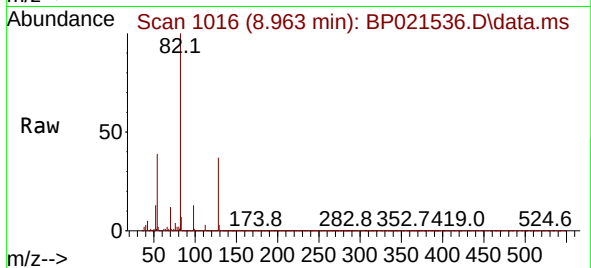
Tgt Ion: 82 Resp: 1350211

Ion Ratio Lower Upper

82 100

128 37.0 26.5 39.7

54 39.0 30.3 45.5



#32

Benzoic acid

Concen: 3.345 ng

RT: 9.875 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

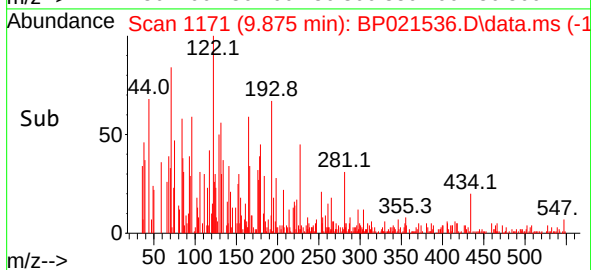
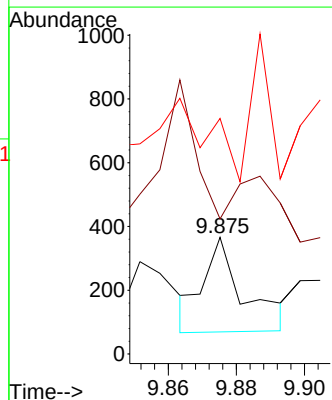
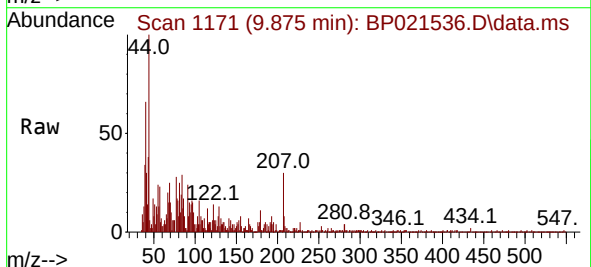
Tgt Ion: 122 Resp: 244

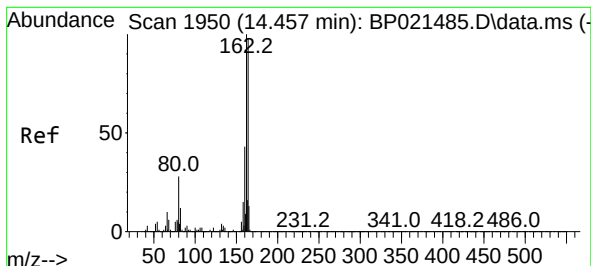
Ion Ratio Lower Upper

122 100

105 115.8 124.6 164.6#

77 201.9 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1950

Delta R.T. 0.012 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

OU4-CF-02-080624RE

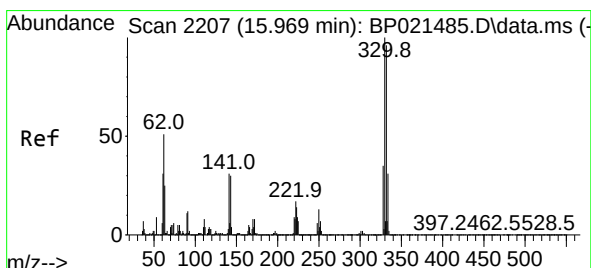
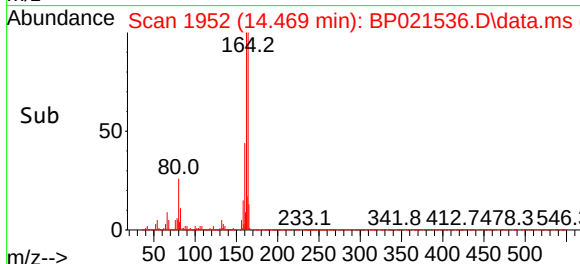
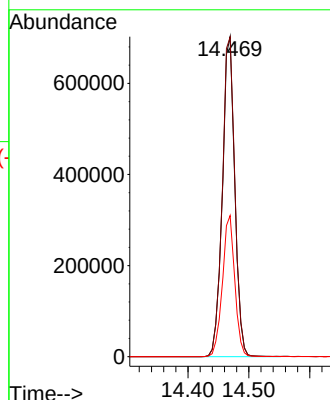
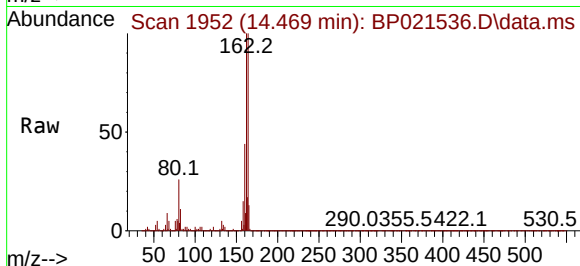
Tgt Ion:164 Resp: 991466

Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.1 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 51.588 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

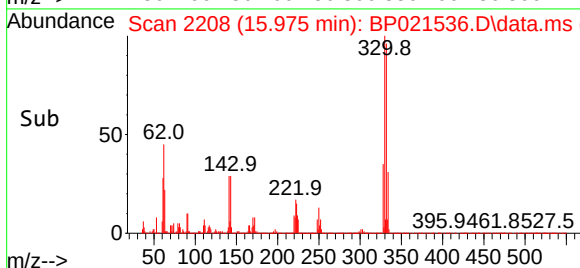
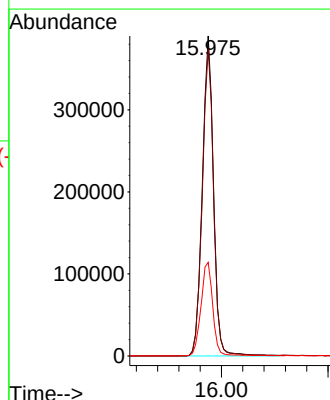
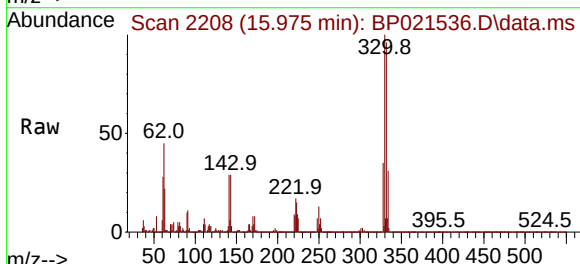
Tgt Ion:330 Resp: 569255

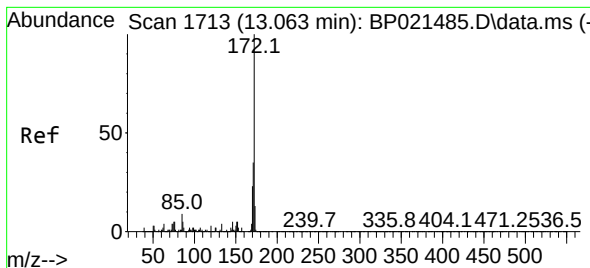
Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 30.7 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 37.384 ng

RT: 13.075 min Scan# 1713

Delta R.T. 0.012 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

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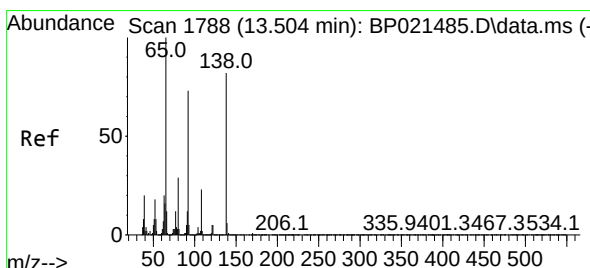
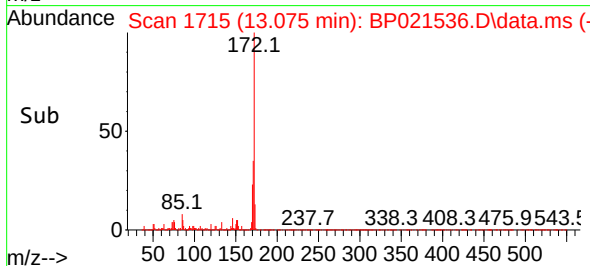
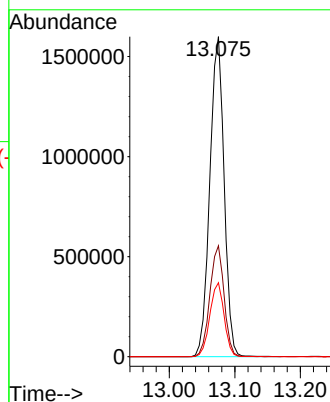
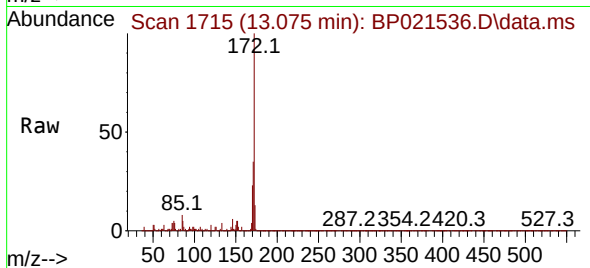
Tgt Ion:172 Resp: 2428667

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.1 18.4 27.6



#48

2-Nitroaniline

Concen: 5.154 ng

RT: 13.528 min Scan# 1792

Delta R.T. 0.024 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

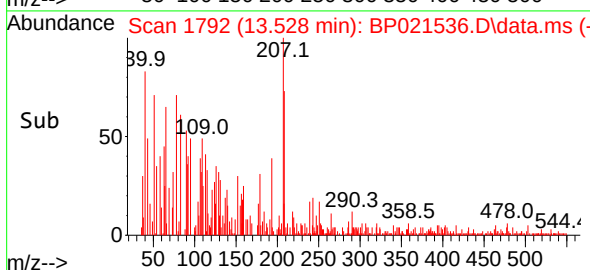
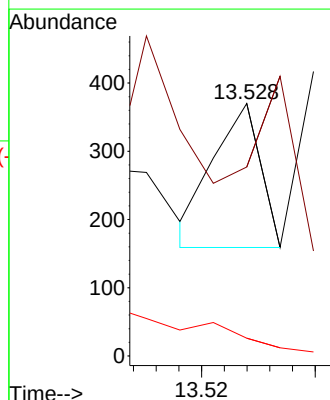
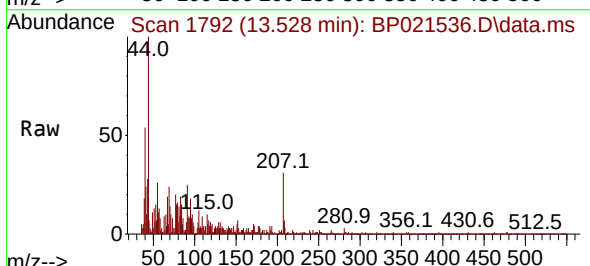
Tgt Ion: 65 Resp: 121

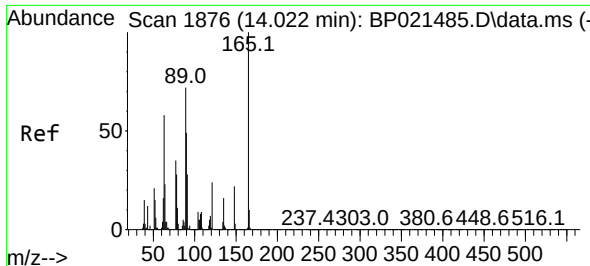
Ion Ratio Lower Upper

65 100

92 74.9 58.1 87.1

138 7.0 65.5 98.3#

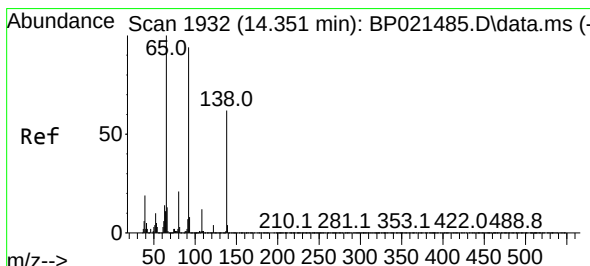
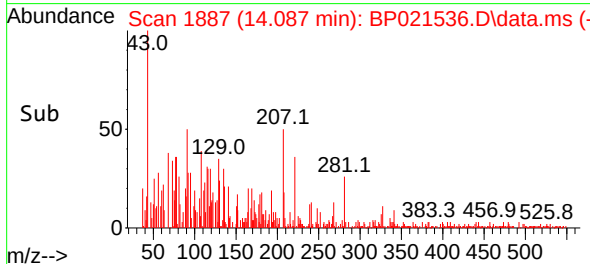
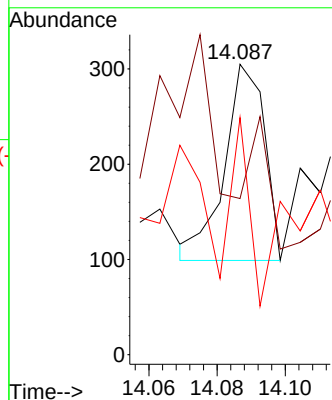
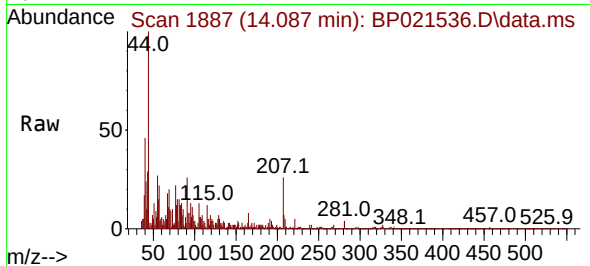




#51
2,6-Dinitrotoluene
Concen: 3.997 ng
RT: 14.087 min Scan# 1887
Delta R.T. 0.065 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

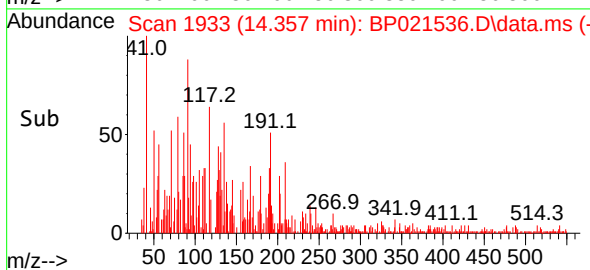
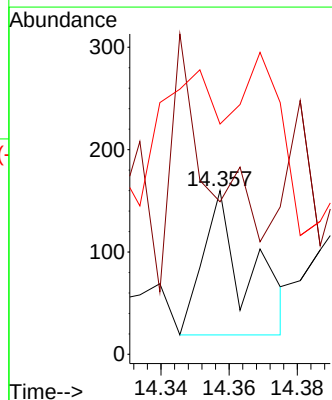
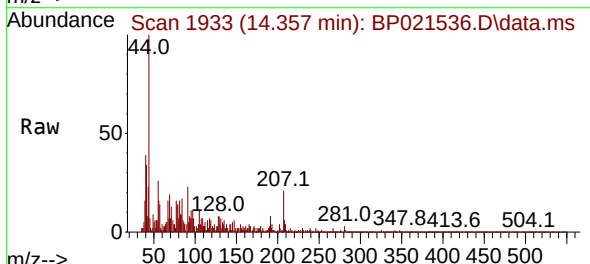
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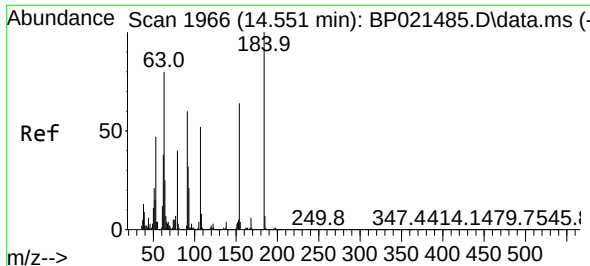
Tgt Ion:	165	Resp:	167
Ion Ratio	Lower	Upper	
165	100		
63	53.8	51.5	77.3
89	81.6	57.8	86.8



#53
3-Nitroaniline
Concen: 3.978 ng
RT: 14.357 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

Tgt Ion:	138	Resp:	128
Ion Ratio	Lower	Upper	
138	100		
108	93.1	16.2	24.4#
92	140.6	122.2	183.4

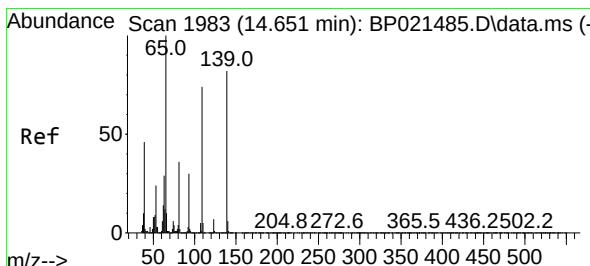
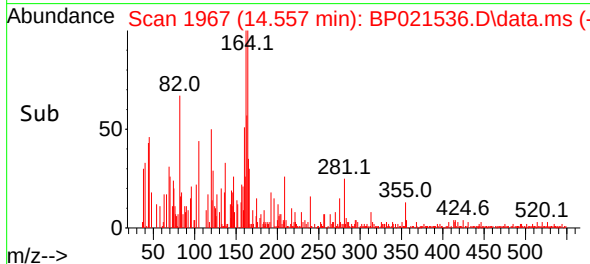
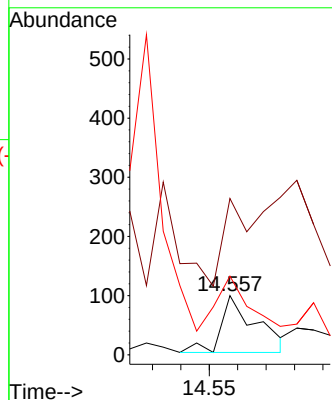
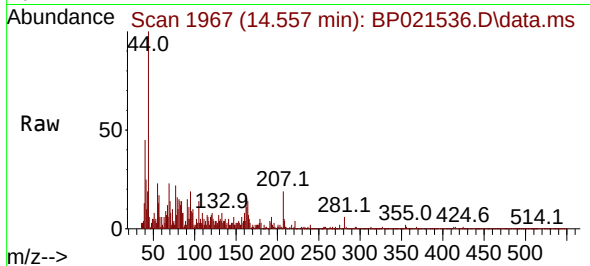




#54
2,4-Dinitrophenol
Concen: 2.464 ng
RT: 14.557 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

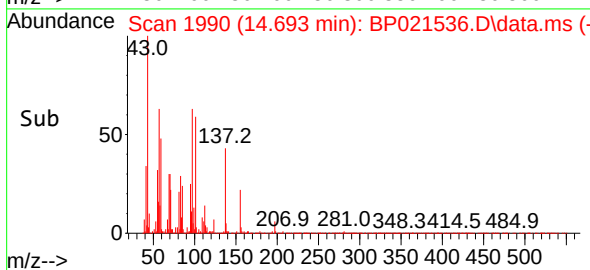
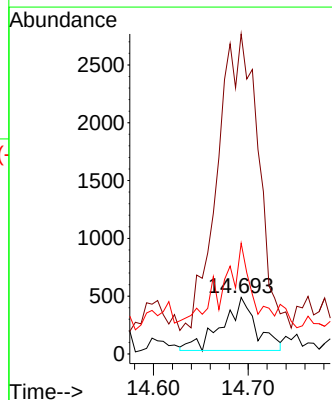
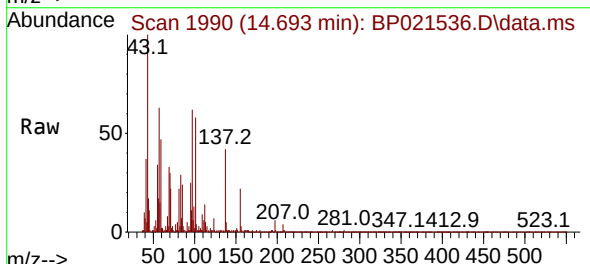
Instrument :
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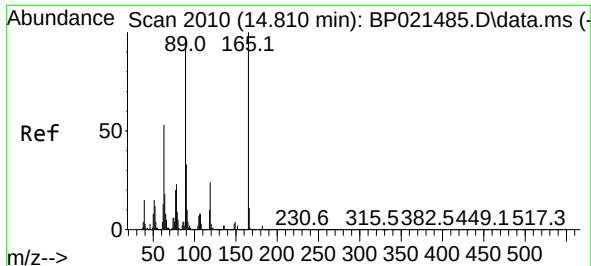
Tgt Ion:184 Resp: 83
Ion Ratio Lower Upper
184 100
63 264.0 64.9 97.3#
154 133.0 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.177 ng
RT: 14.693 min Scan# 1990
Delta R.T. 0.042 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

Tgt Ion:139 Resp: 1152
Ion Ratio Lower Upper
139 100
109 567.2 70.2 110.2#
65 196.3 101.8 141.8#

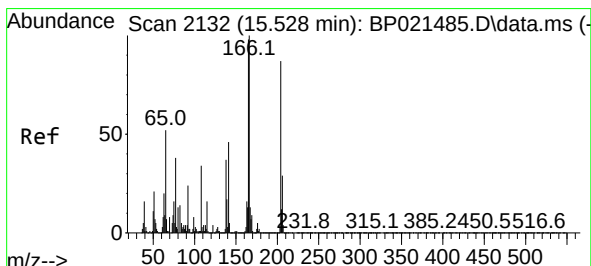
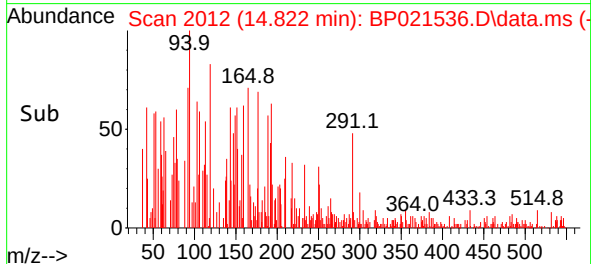
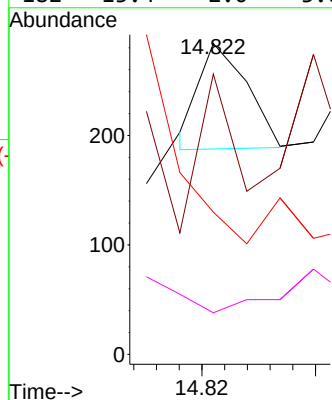
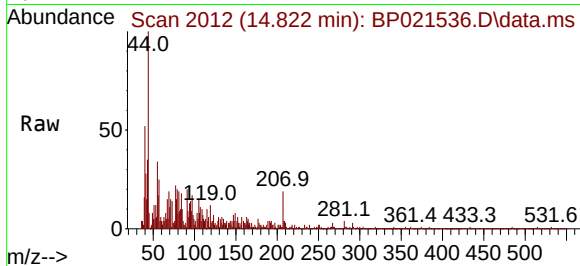




#57
2,4-Dinitrotoluene
Concen: 5.025 ng
RT: 14.822 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

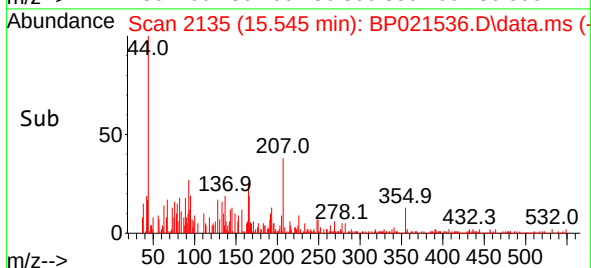
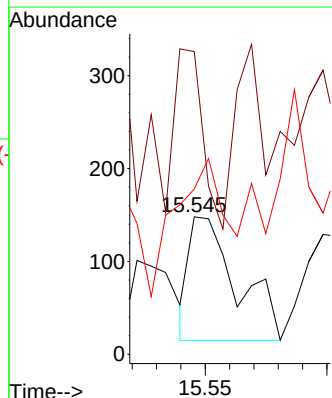
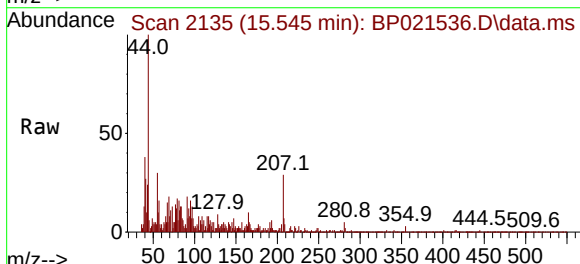
Instrument :
BNA_P
ClientSampleId :
OU4-CF-02-080624RE

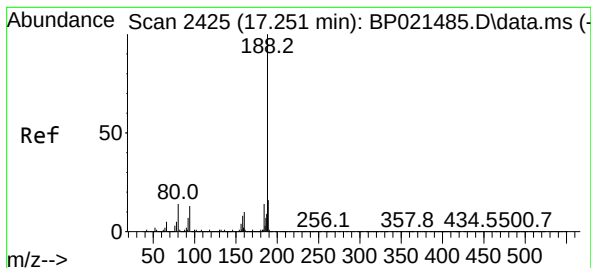
Tgt Ion:165 Resp: 56
Ion Ratio Lower Upper
165 100
63 90.1 42.5 63.7#
89 45.8 77.1 115.7#
182 13.4 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.947 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.017 min
Lab File: BP021536.D
Acq: 16 Aug 2024 12:24

Tgt Ion:138 Resp: 183
Ion Ratio Lower Upper
138 100
92 220.3 46.4 86.4#
108 120.3 73.2 113.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

OU4-CF-02-080624RE

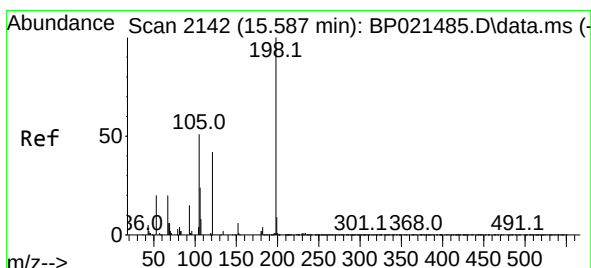
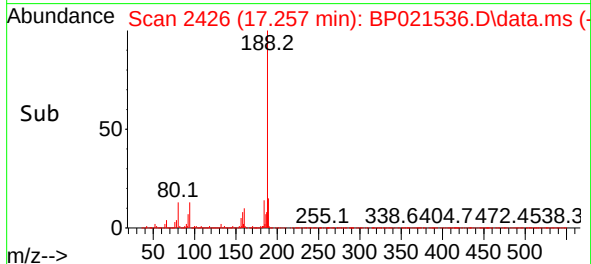
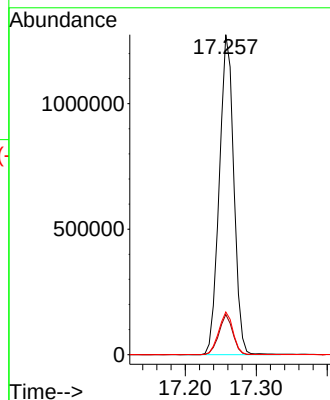
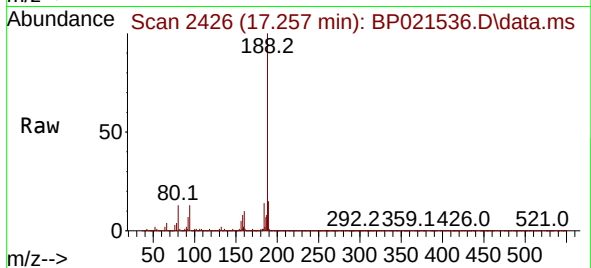
Tgt Ion:188 Resp: 1799728

Ion Ratio Lower Upper

188 100

94 12.6 10.2 15.4

80 13.3 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.613 ng

RT: 15.575 min Scan# 2140

Delta R.T. -0.012 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

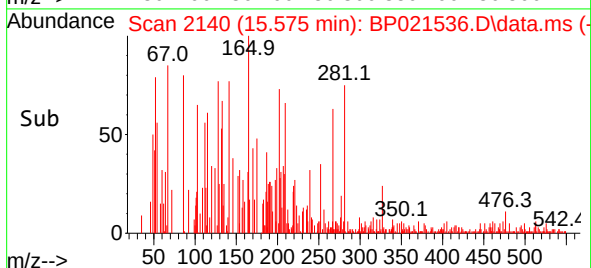
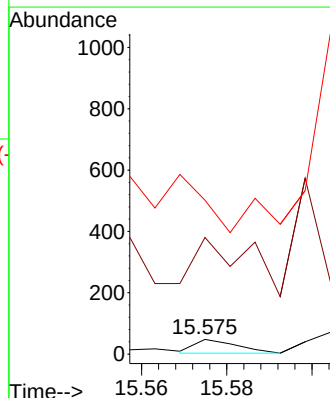
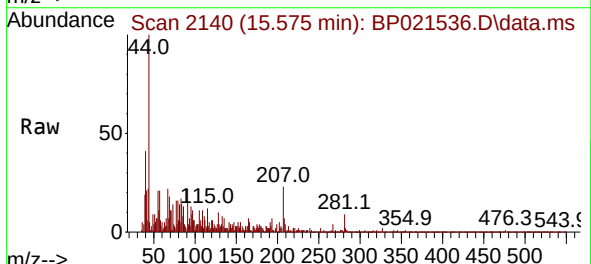
Tgt Ion:198 Resp: 31

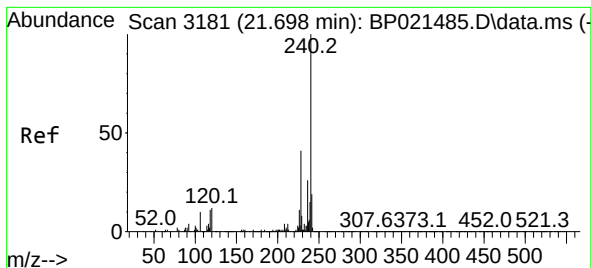
Ion Ratio Lower Upper

198 100

51 791.7 21.5 61.5#

105 1045.8 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3181

Delta R.T. 0.018 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

OU4-CF-02-080624RE

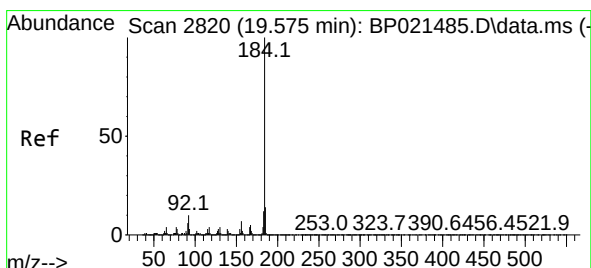
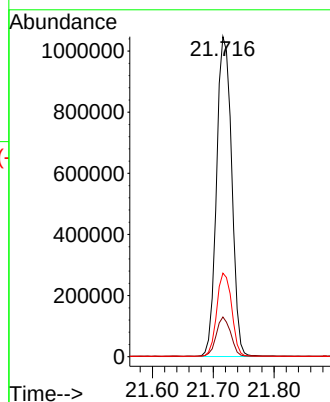
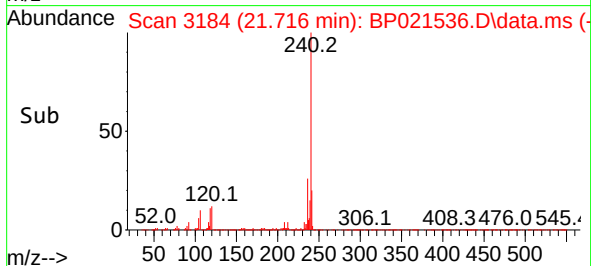
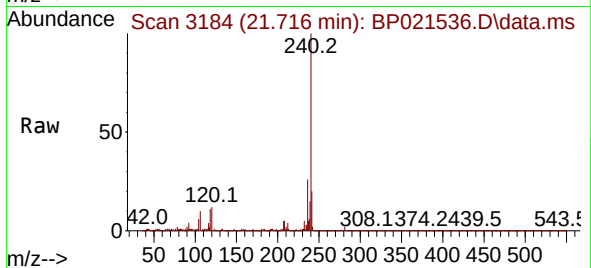
Tgt Ion:240 Resp: 1804989

Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

236 26.1 20.6 30.8



#77

Benzidine

Concen: 4.580 ng

RT: 19.575 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

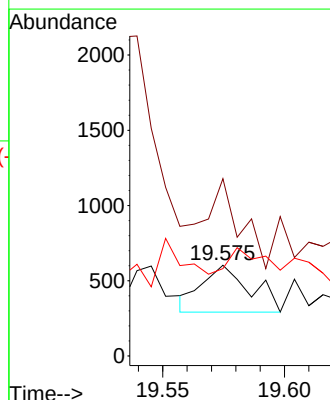
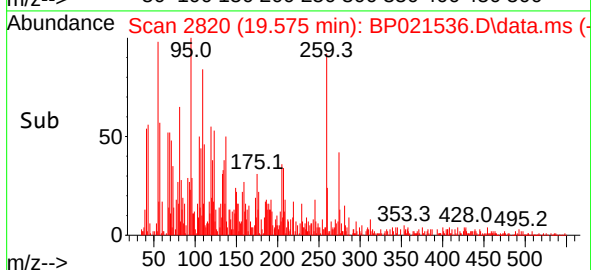
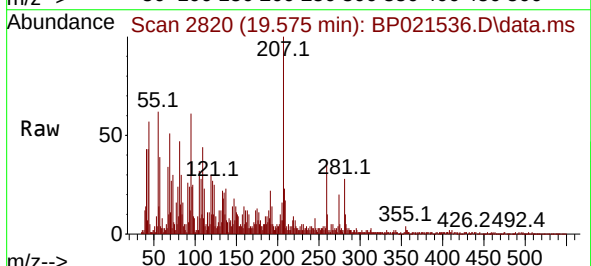
Tgt Ion:184 Resp: 427

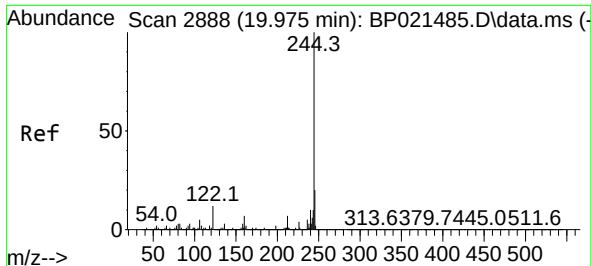
Ion Ratio Lower Upper

184 100

185 195.4 11.4 17.0#

183 96.4 9.3 13.9#

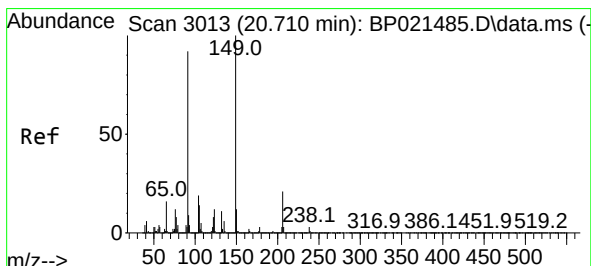
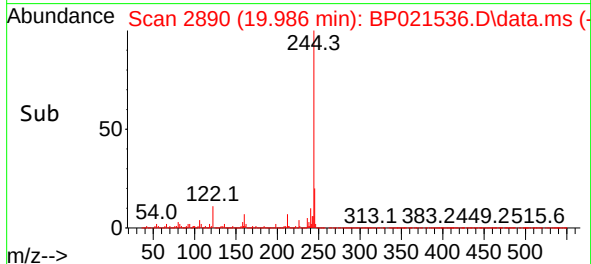
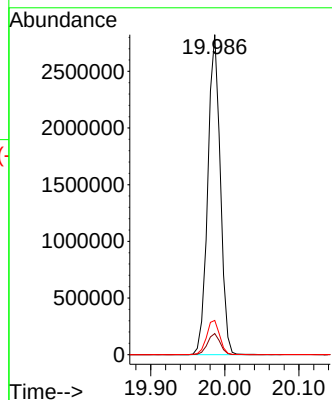
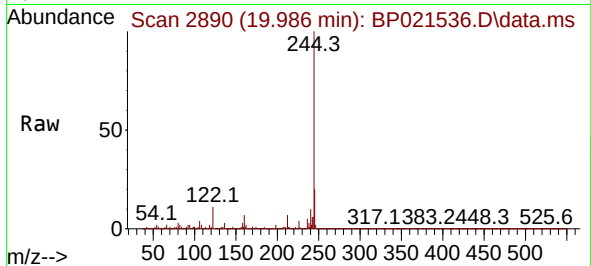




#79
 Terphenyl-d14
 Concen: 35.603 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021536.D
 Acq: 16 Aug 2024 12:24

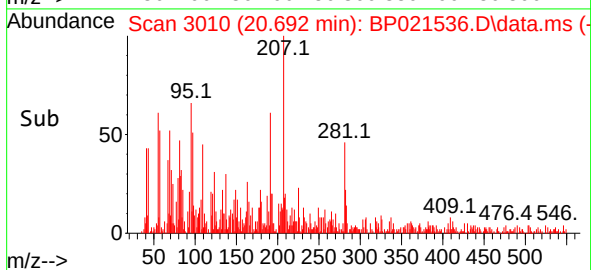
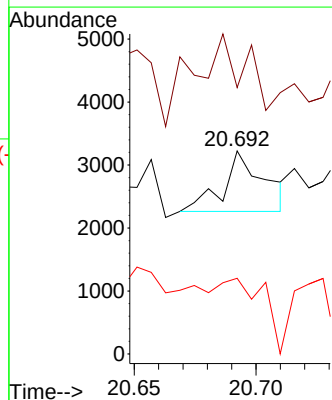
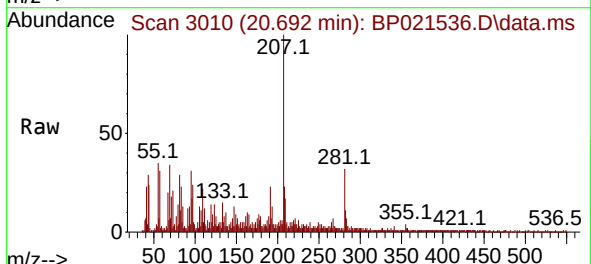
Instrument :
 BNA_P
 ClientSampleId :
 OU4-CF-02-080624RE

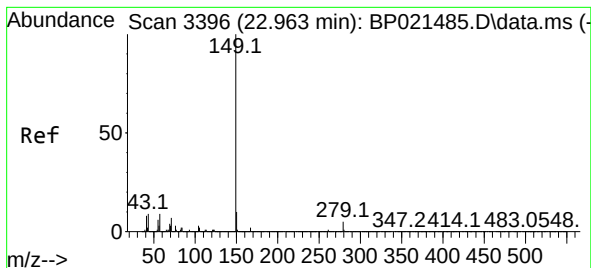
Tgt Ion:244 Resp: 3307909
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.625 ng
 RT: 20.692 min Scan# 3010
 Delta R.T. -0.018 min
 Lab File: BP021536.D
 Acq: 16 Aug 2024 12:24

Tgt Ion:149 Resp: 1114
 Ion Ratio Lower Upper
 149 100
 91 131.2 73.3 109.9#
 206 37.3 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.843 ng

RT: 22.980 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Instrument :

BNA_P

ClientSampleId :

OU4-CF-02-080624RE

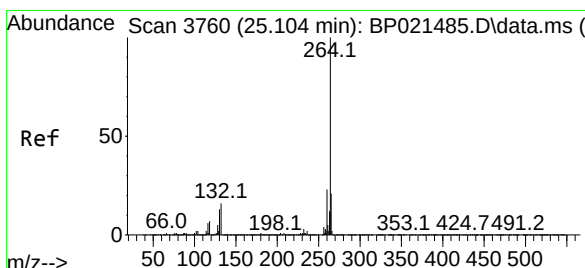
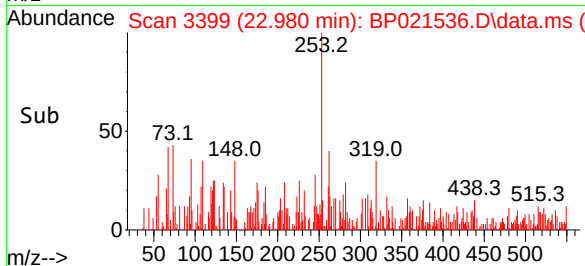
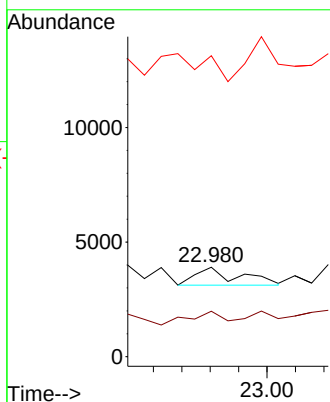
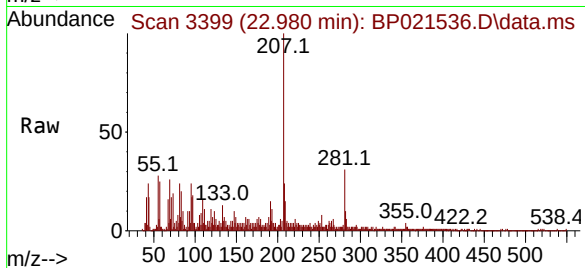
Tgt Ion:149 Resp: 831

Ion Ratio Lower Upper

149 100

167 58.7 1.3 1.9#

43 223.6 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 3765

Delta R.T. 0.029 min

Lab File: BP021536.D

Acq: 16 Aug 2024 12:24

Tgt Ion:264 Resp: 2158279

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.3 17.1 25.7

