

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021516.D
 Acq On : 15 Aug 2024 16:19
 Operator : RC/JU
 Sample : PB162688BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162688BL

Quant Time: Aug 15 17:15:13 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)

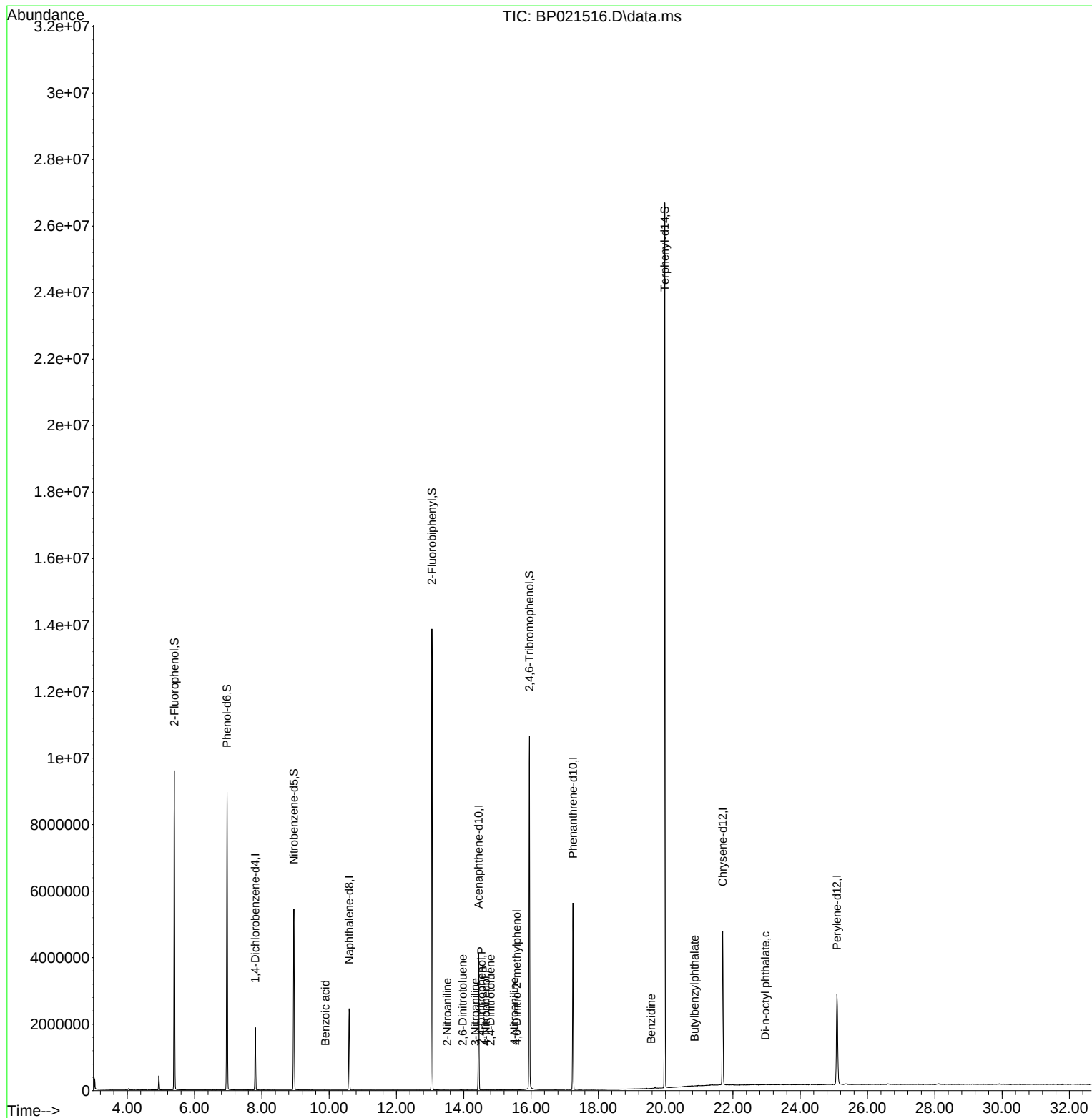
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	460064	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1923808	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	1373747	20.000	ng	-0.02
64) Phenanthrene-d10	17.245	188	3203573	20.000	ng	0.00
76) Chrysene-d12	21.698	240	2865857	20.000	ng	0.00
86) Perylene-d12	25.092	264	2706442	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	4146040	133.814	ng	0.00
7) Phenol-d6	6.964	99	5834372	129.085	ng	0.00
23) Nitrobenzene-d5	8.952	82	3560423	95.525	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	2084962	136.368	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	7186806	79.841	ng	-0.01
79) Terphenyl-d14	19.975	244	12146978	82.343	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.675	139	20	Below Cal	Qvalue	# 1
32) Benzoic acid	9.887	122	155	3.334 ng	#	55
48) 2-Nitroaniline	13.510	65	230	5.157 ng	#	39
51) 2,6-Dinitrotoluene	13.969	165	82	3.990 ng	#	93
53) 3-Nitroaniline	14.340	138	84	3.973 ng	#	70
54) 2,4-Dinitrophenol	14.528	184	28	2.439 ng	#	1
56) 4-Nitrophenol	14.651	139	113	5.085 ng	#	78
57) 2,4-Dinitrotoluene	14.798	165	144	5.028 ng	#	34
62) 4-Nitroaniline	15.504	138	13	2.935 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.575	198	100	4.619 ng	#	1
77) Benzidine	19.569	184	709	4.581 ng	#	82
80) Butylbenzylphthalate	20.857	149	302	3.606 ng	#	95
85) Di-n-octyl phthalate	22.963	149	244	4.837 ng	#	62

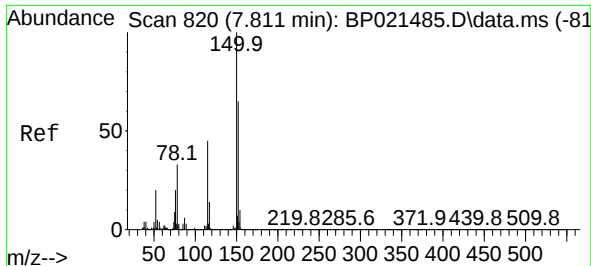
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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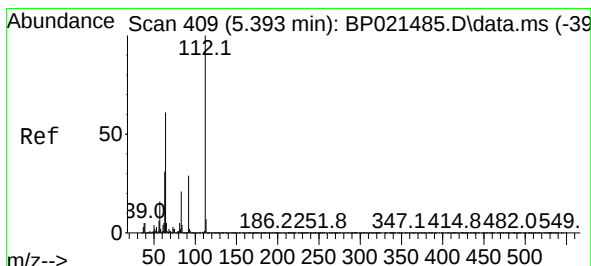
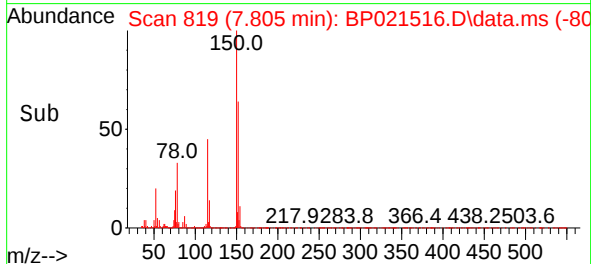
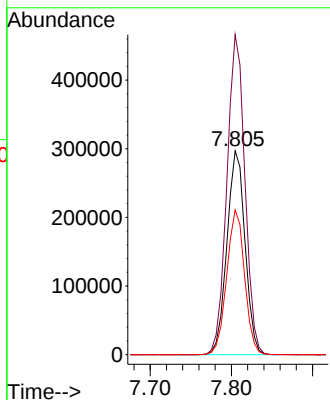
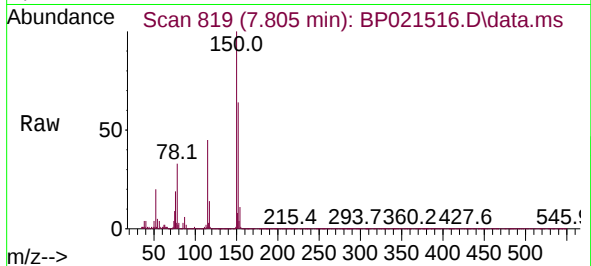




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

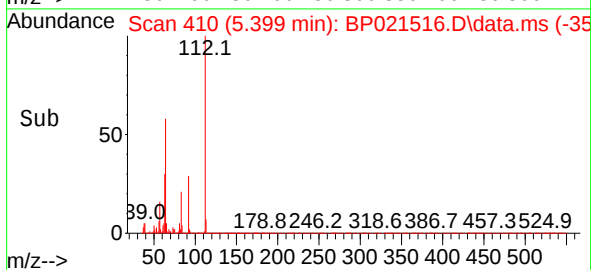
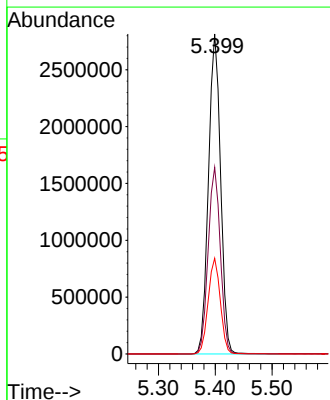
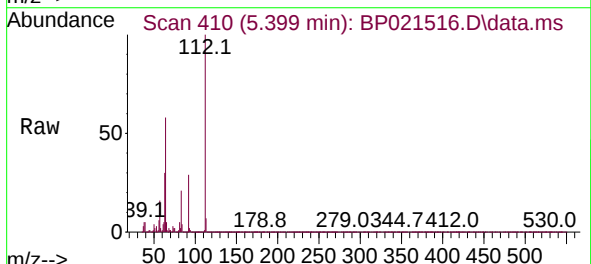
Instrument :
BNA_P
ClientSampleId :
PB162688BL

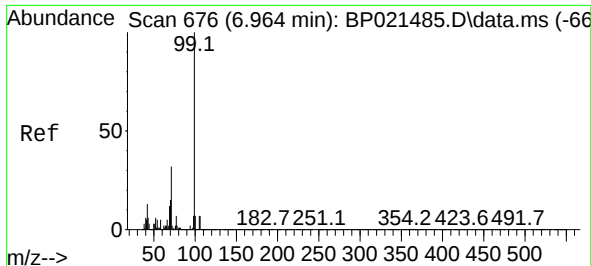
Tgt Ion:152 Resp: 460064
Ion Ratio Lower Upper
152 100
150 157.0 122.4 183.6
115 71.1 54.7 82.1



#5
2-Fluorophenol
Concen: 133.814 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

Tgt Ion:112 Resp: 4146040
Ion Ratio Lower Upper
112 100
64 58.3 49.0 73.6
63 29.9 24.6 36.8

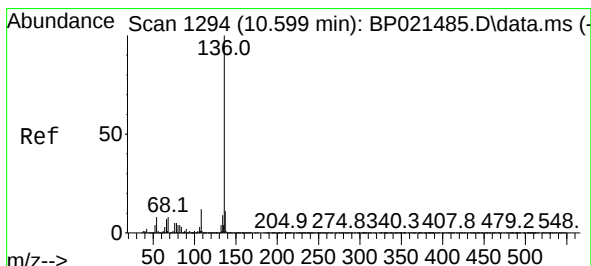
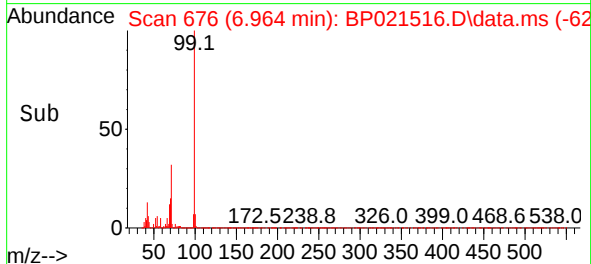
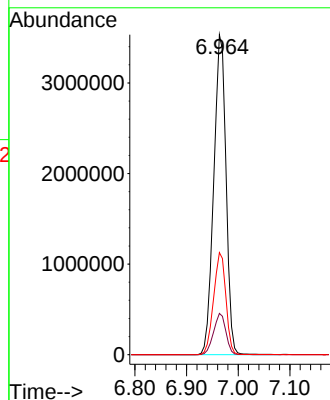
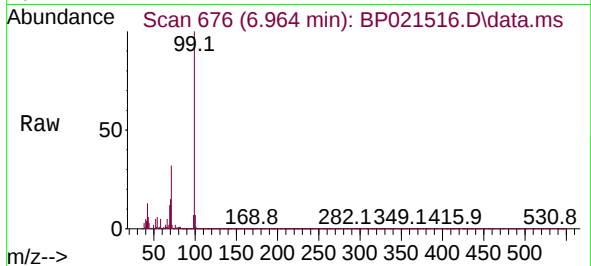




#7
Phenol-d6
Concen: 129.085 ng
RT: 6.964 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

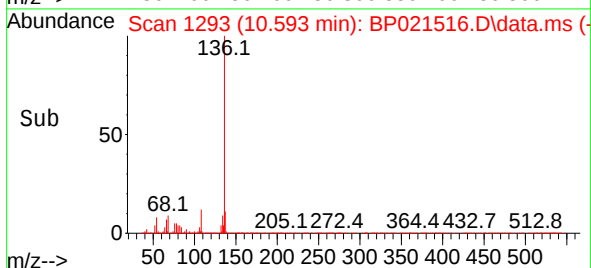
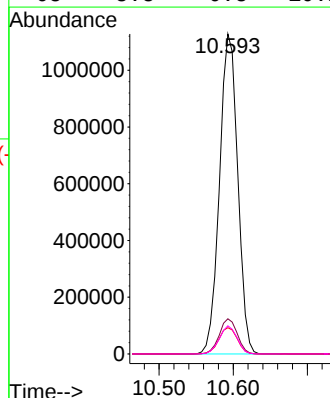
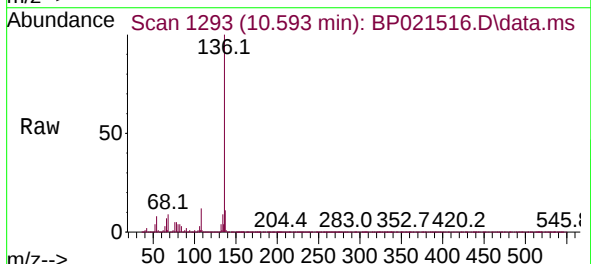
Instrument :
BNA_P
ClientSampleId :
PB162688BL

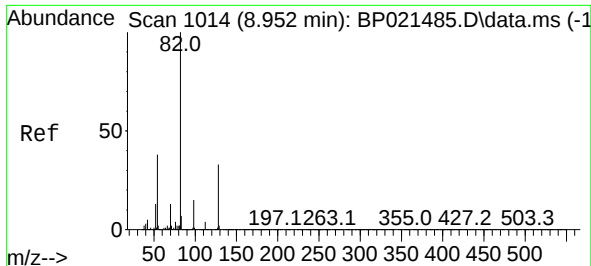
Tgt Ion: 99 Resp: 5834372
Ion Ratio Lower Upper
99 100
42 12.9 10.2 15.4
71 31.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

Tgt Ion:136 Resp: 1923808
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 6.3 9.5
68 8.8 6.8 10.2





#23

Nitrobenzene-d5

Concen: 95.525 ng

RT: 8.952 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

Instrument :

BNA_P

ClientSampleId :

PB162688BL

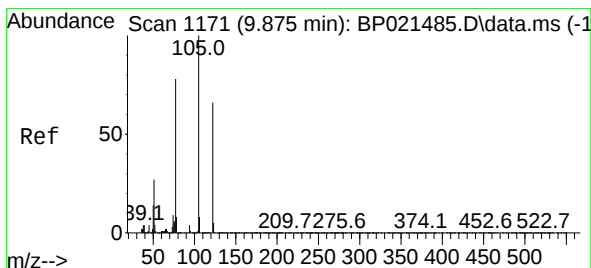
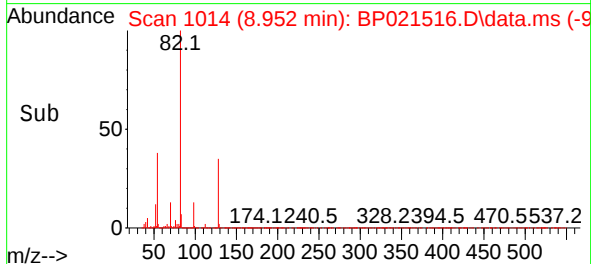
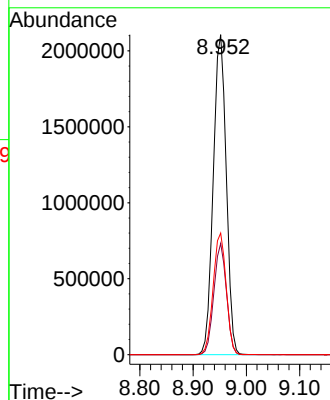
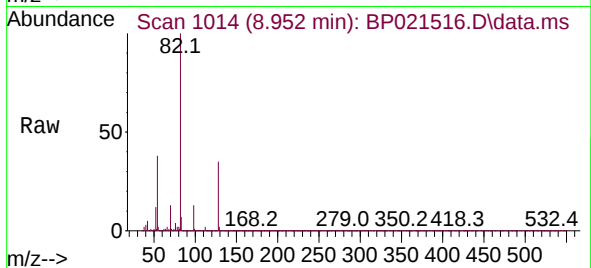
Tgt Ion: 82 Resp: 3560423

Ion Ratio Lower Upper

82 100

128 34.7 26.5 39.7

54 38.0 30.3 45.5



#32

Benzoic acid

Concen: 3.334 ng

RT: 9.887 min Scan# 1173

Delta R.T. 0.012 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

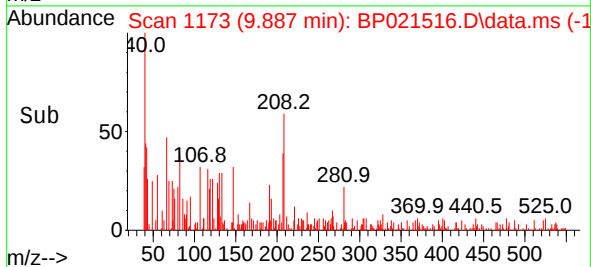
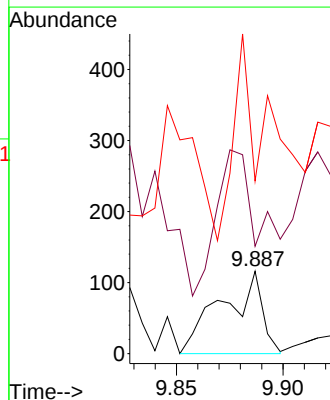
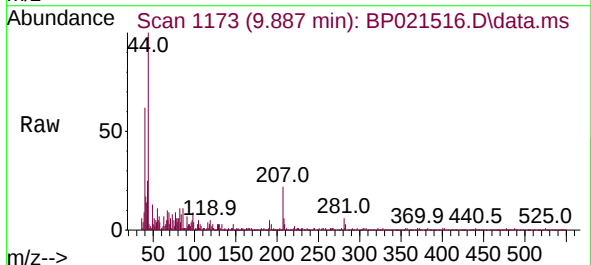
Tgt Ion:122 Resp: 155

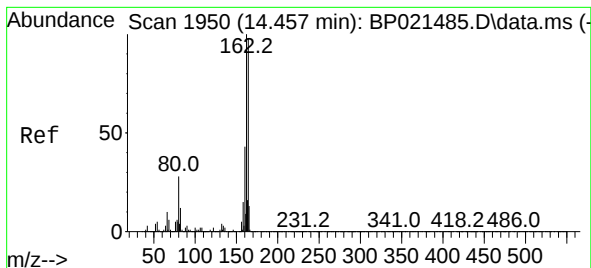
Ion Ratio Lower Upper

122 100

105 130.2 124.6 164.6

77 209.5 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1947

Delta R.T. -0.018 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

Instrument :

BNA_P

ClientSampleId :

PB162688BL

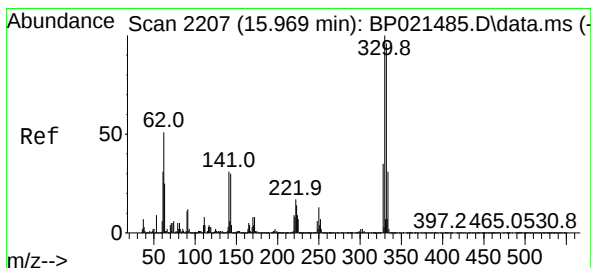
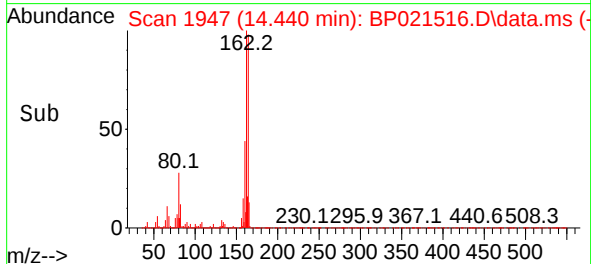
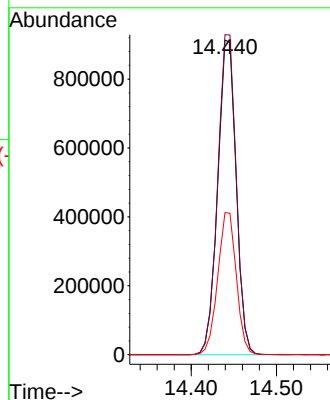
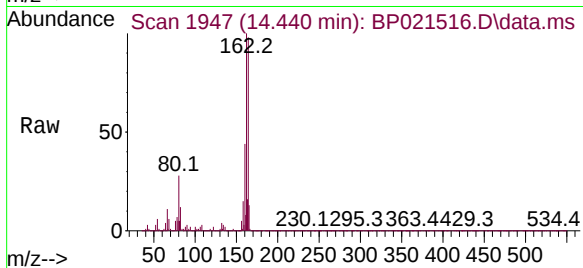
Tgt Ion:164 Resp: 1373747

Ion Ratio Lower Upper

164 100

162 101.7 81.5 122.3

160 45.2 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 136.368 ng

RT: 15.951 min Scan# 2204

Delta R.T. -0.018 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

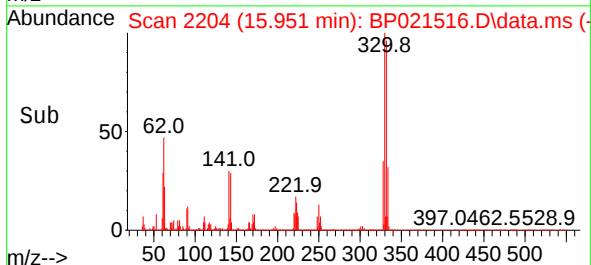
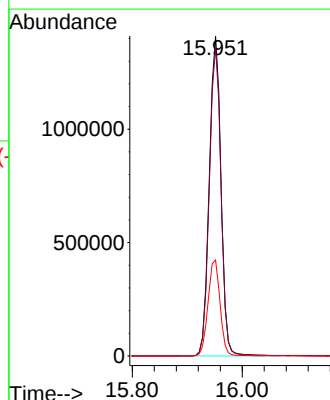
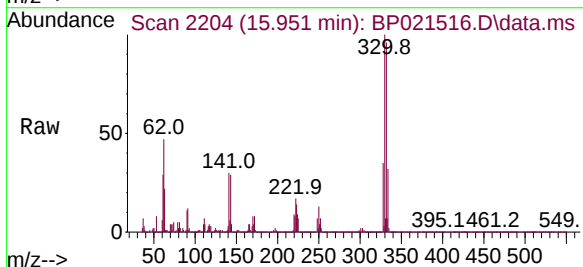
Tgt Ion:330 Resp: 2084962

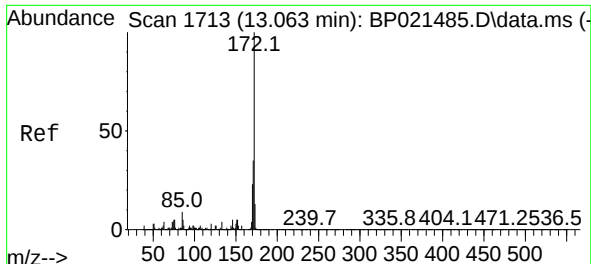
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 30.9 24.5 36.7

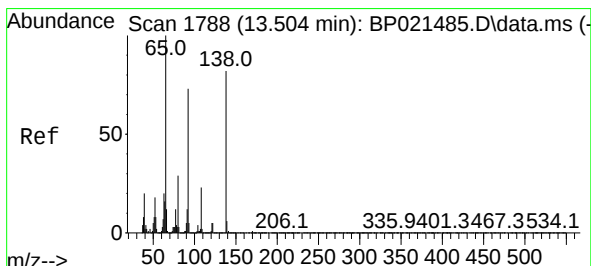
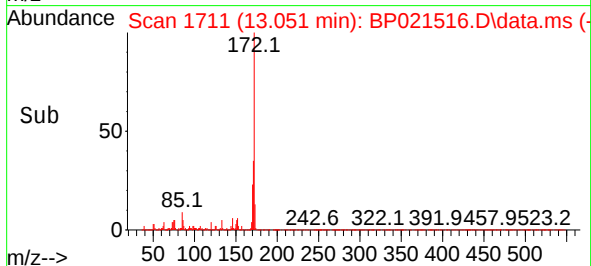
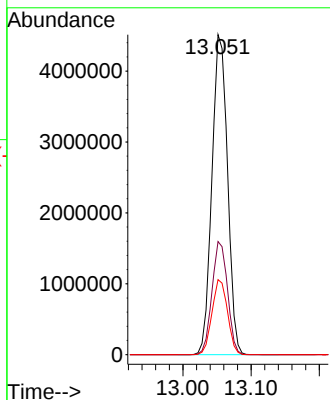
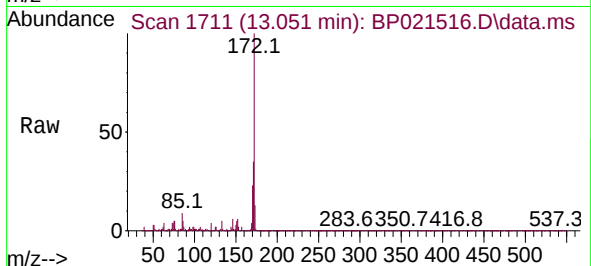




#45
2-Fluorobiphenyl
Concen: 79.841 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

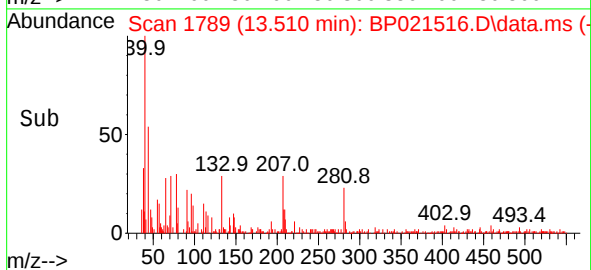
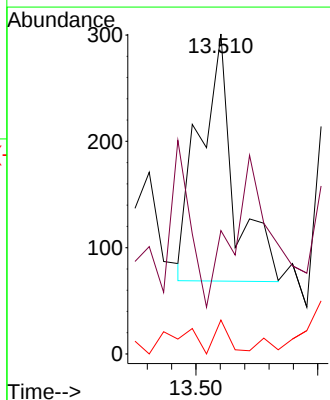
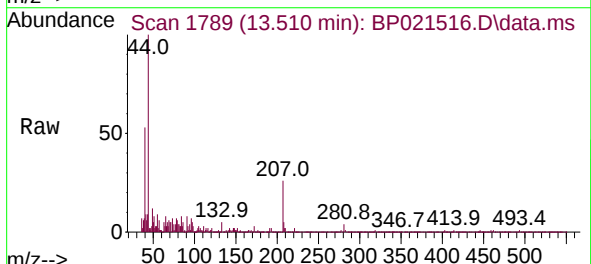
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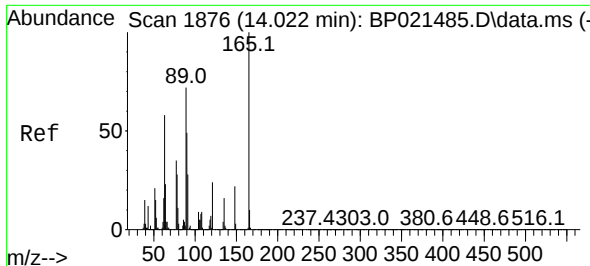
Tgt Ion:172 Resp: 7186806
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.5 18.4 27.6



#48
2-Nitroaniline
Concen: 5.157 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

Tgt Ion: 65 Resp: 230
Ion Ratio Lower Upper
65 100
92 38.5 58.1 87.1#
138 10.6 65.5 98.3#

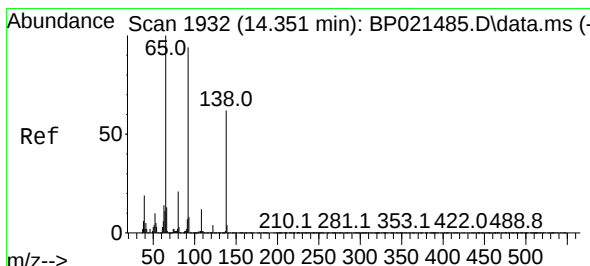
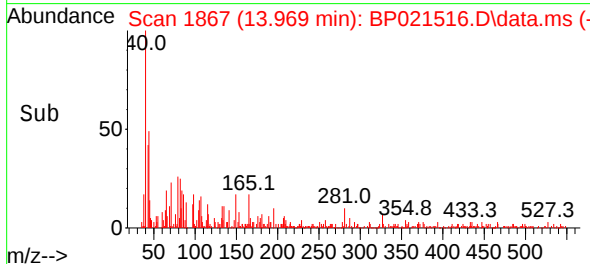
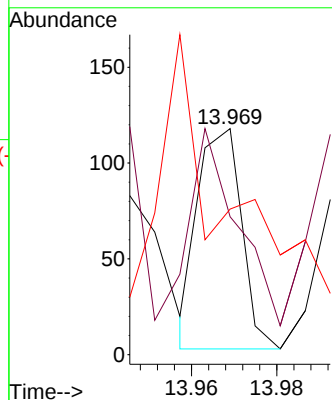
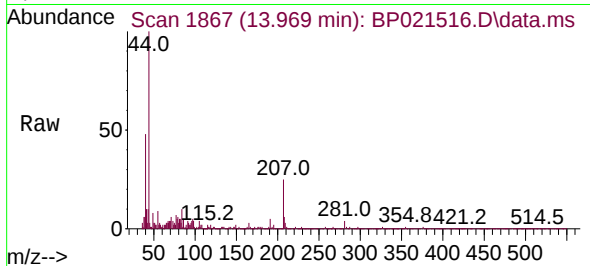




#51
2,6-Dinitrotoluene
Concen: 3.990 ng
RT: 13.969 min Scan# 1867
Delta R.T. -0.053 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

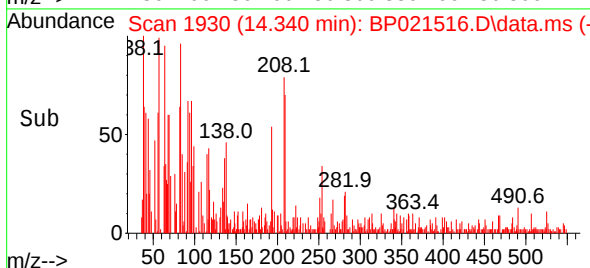
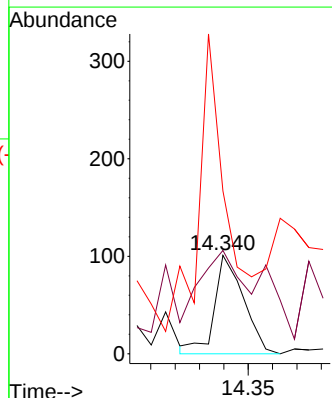
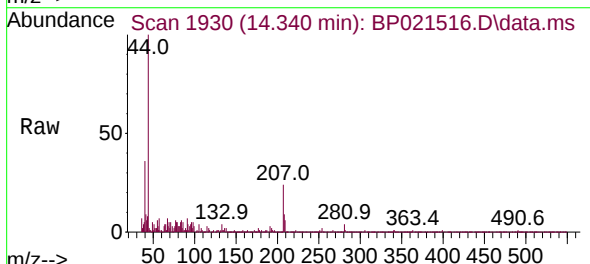
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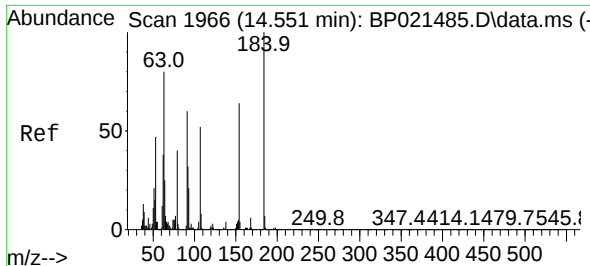
Tgt Ion:165 Resp: 82
Ion Ratio Lower Upper
165 100
63 61.0 51.5 77.3
89 64.4 57.8 86.8



#53
3-Nitroaniline
Concen: 3.973 ng
RT: 14.340 min Scan# 1930
Delta R.T. -0.011 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

Tgt Ion:138 Resp: 84
Ion Ratio Lower Upper
138 100
108 105.0 16.2 24.4#
92 165.3 122.2 183.4

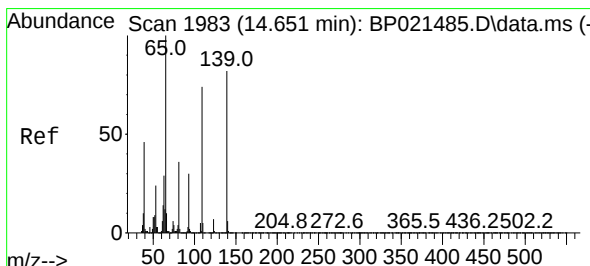
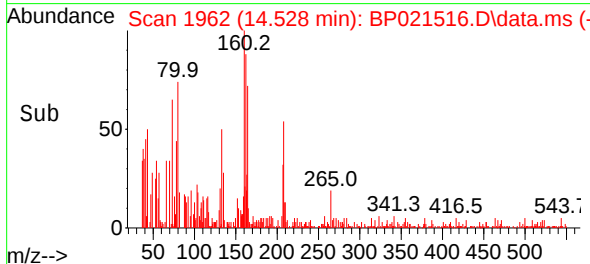
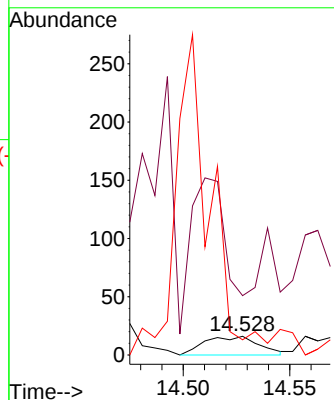
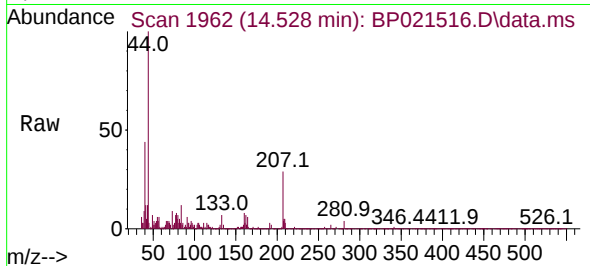




#54
2,4-Dinitrophenol
Concen: 2.439 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.023 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

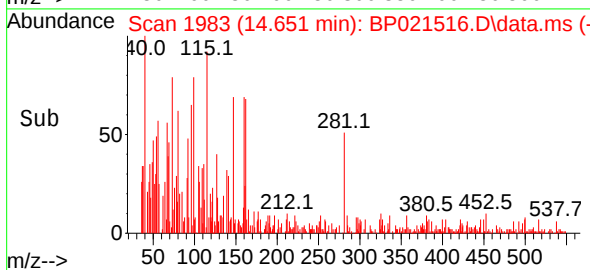
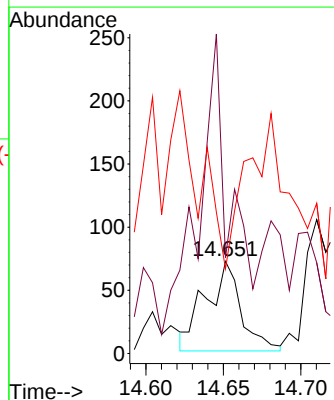
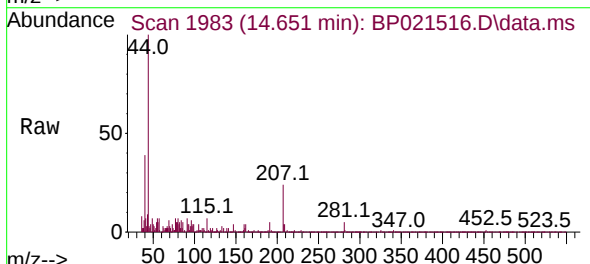
Instrument :
BNA_P
ClientSampleId :
PB162688BL

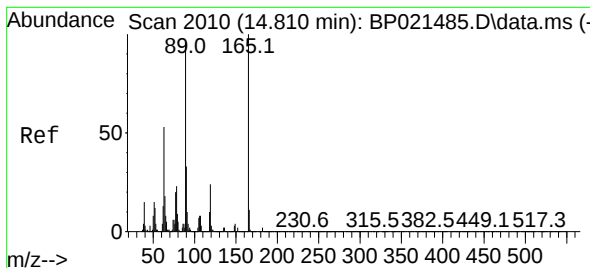
Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 318.8 64.9 97.3#
154 81.3 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.085 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

Tgt Ion:139 Resp: 113
Ion Ratio Lower Upper
139 100
109 104.1 70.2 110.2
65 91.8 101.8 141.8#





#57

2,4-Dinitrotoluene

Concen: 5.028 ng

RT: 14.798 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

Instrument :

BNA_P

ClientSampleId :

PB162688BL

Tgt Ion:165 Resp: 144

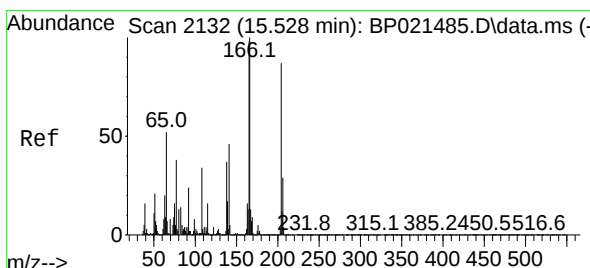
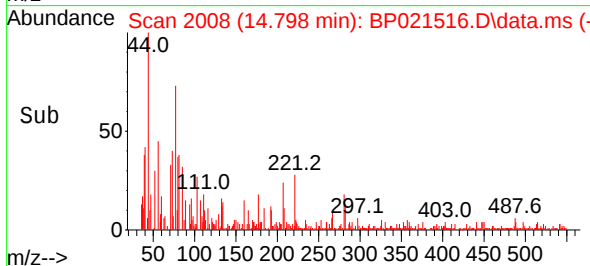
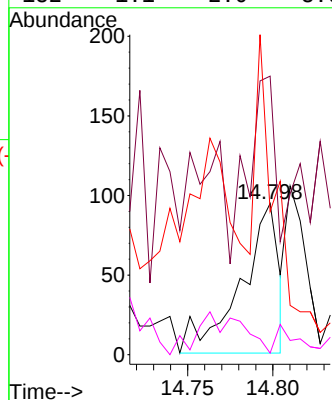
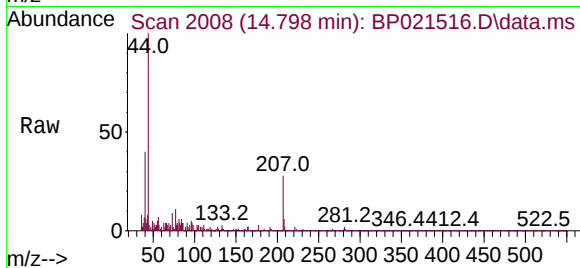
Ion Ratio Lower Upper

165 100

63 184.2 42.5 63.7#

89 94.7 77.1 115.7

182 1.1 2.0 3.0#



#62

4-Nitroaniline

Concen: 2.935 ng

RT: 15.504 min Scan# 2128

Delta R.T. -0.024 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

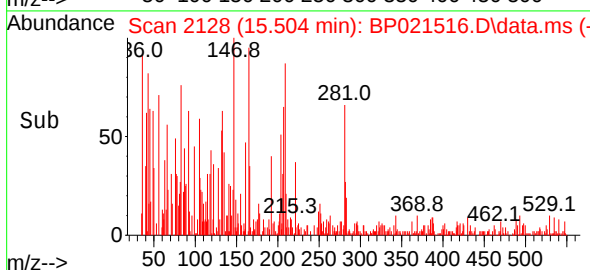
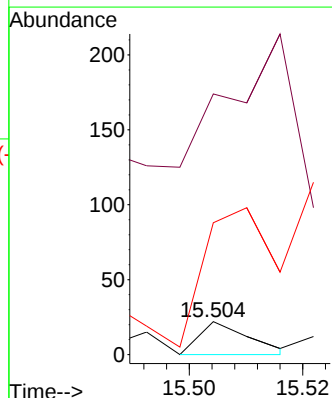
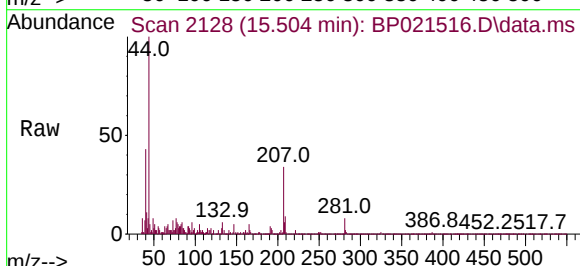
Tgt Ion:138 Resp: 13

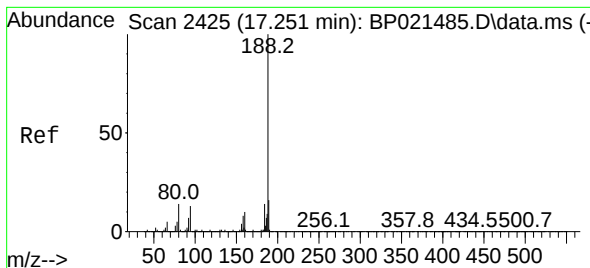
Ion Ratio Lower Upper

138 100

92 790.9 46.4 86.4#

108 400.0 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: BP021516.D

Acq: 15 Aug 2024 16:19

Instrument :

BNA_P

ClientSampleId :

PB162688BL

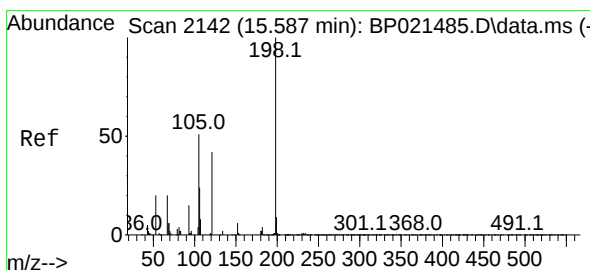
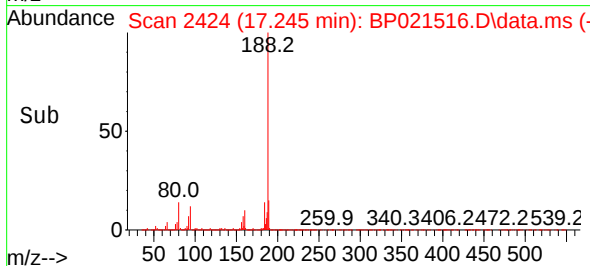
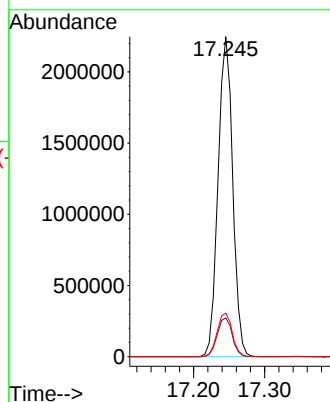
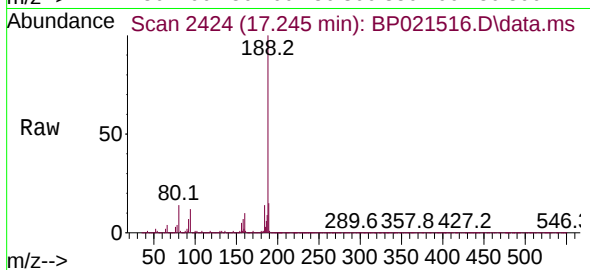
Tgt Ion:188 Resp: 3203573

Ion Ratio Lower Upper

188 100

94 12.1 10.2 15.4

80 13.6 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.619 ng

RT: 15.575 min Scan# 2140

Delta R.T. -0.012 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

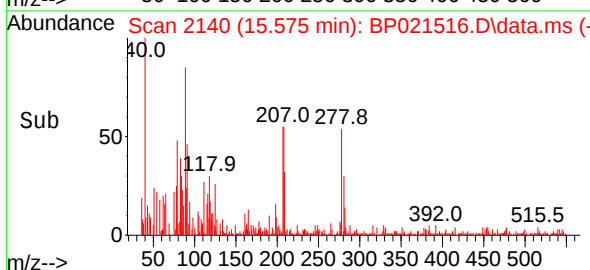
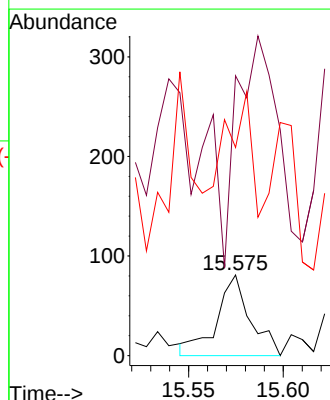
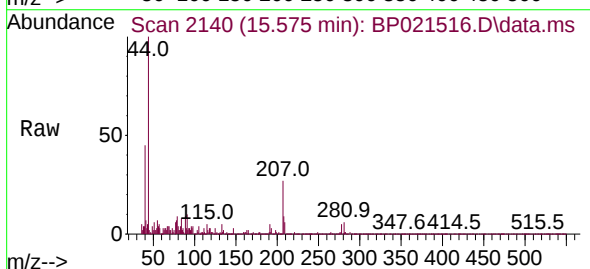
Tgt Ion:198 Resp: 100

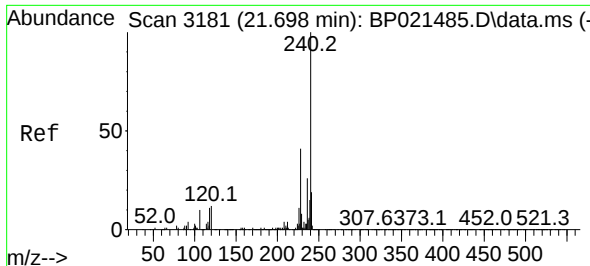
Ion Ratio Lower Upper

198 100

51 346.9 21.5 61.5#

105 258.0 32.9 72.9#

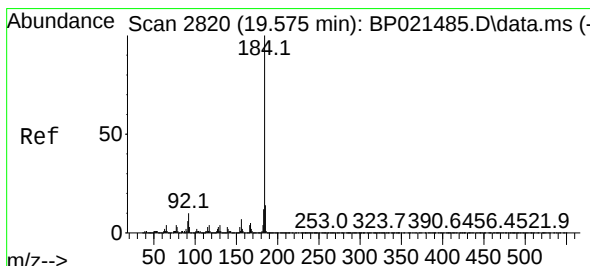
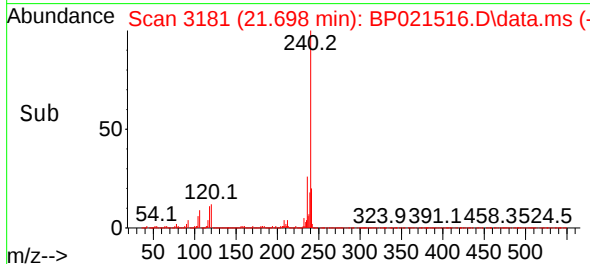
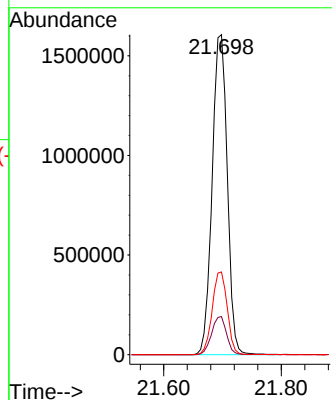
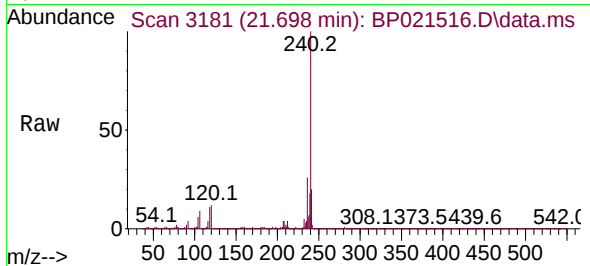




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.698 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

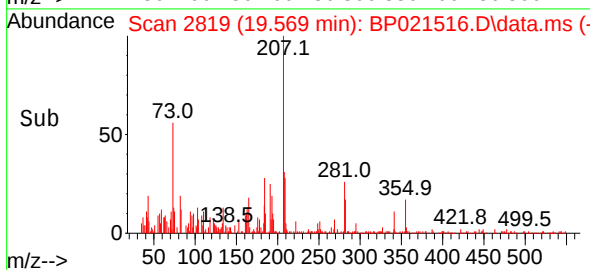
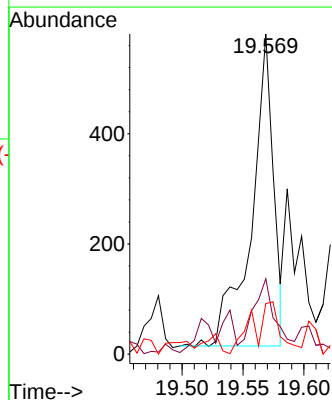
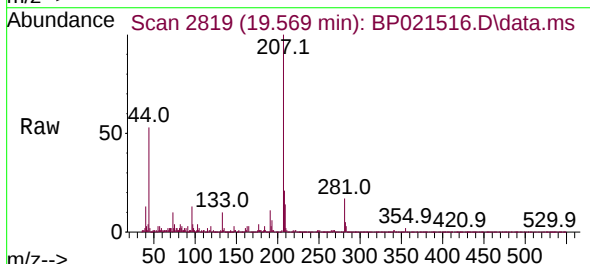
Instrument :
BNA_P
ClientSampleId :
PB162688BL

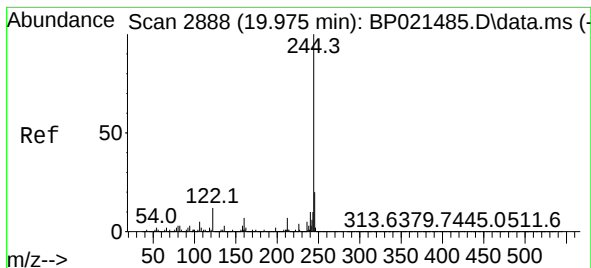
Tgt Ion:240 Resp: 2865857
Ion Ratio Lower Upper
240 100
120 11.9 9.9 14.9
236 25.9 20.6 30.8



#77
Benzidine
Concen: 4.581 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP021516.D
Acq: 15 Aug 2024 16:19

Tgt Ion:184 Resp: 709
Ion Ratio Lower Upper
184 100
185 23.6 11.4 17.0#
183 15.8 9.3 13.9#





#79

Terphenyl-d14

Concen: 82.343 ng

RT: 19.975 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

Instrument :

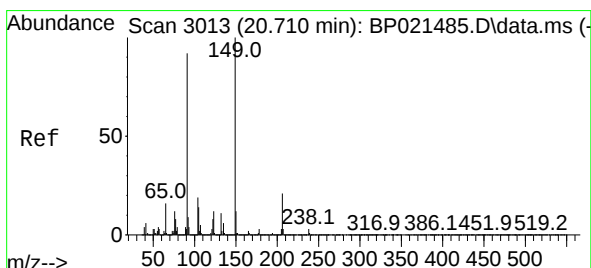
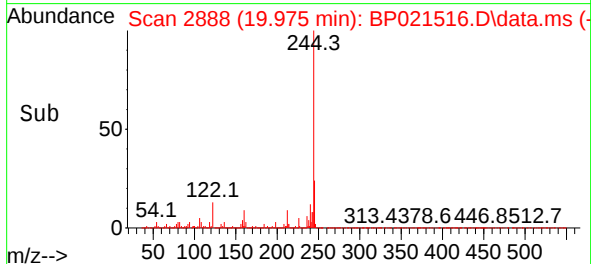
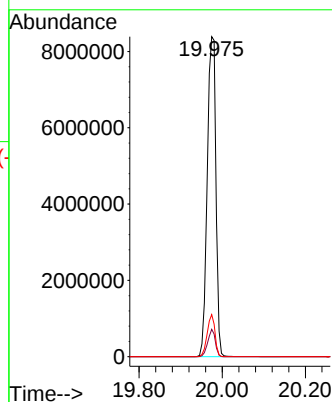
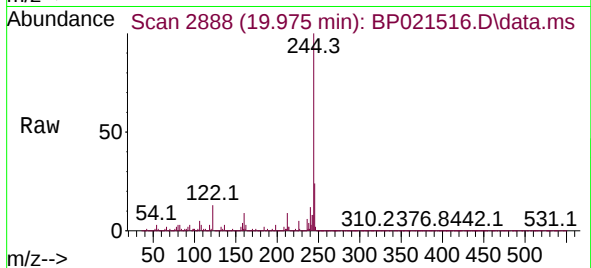
BNA_P

ClientSampleId :

PB162688BL

Tgt Ion:244 Resp:12146978

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.6	8.4#
122	13.2	9.4	14.2



#80

Butylbenzylphthalate

Concen: 3.606 ng

RT: 20.857 min Scan# 3038

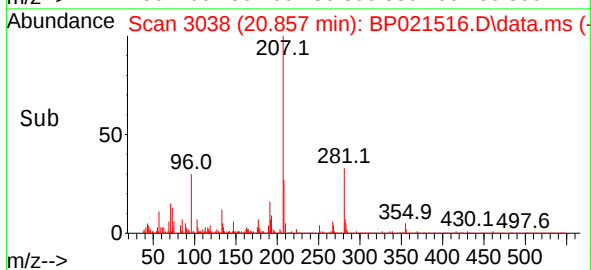
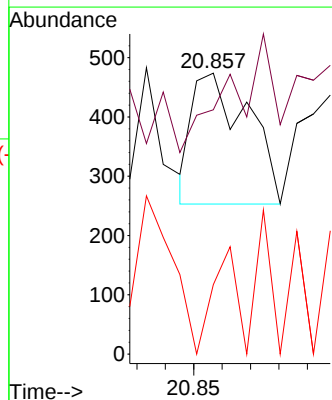
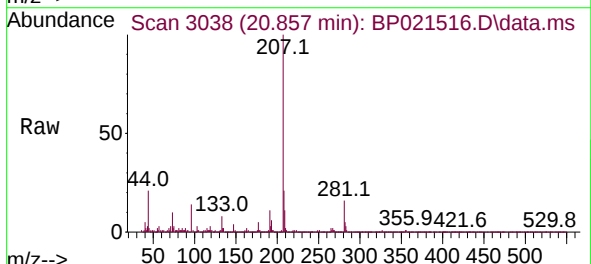
Delta R.T. 0.147 min

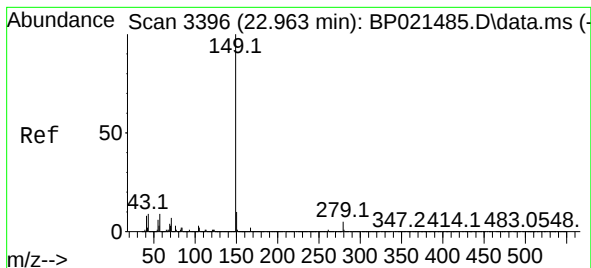
Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

Tgt Ion:149 Resp: 302

Ion	Ratio	Lower	Upper
149	100		
91	86.9	73.3	109.9
206	24.7	17.1	25.7





#85

Di-n-octyl phthalate

Concen: 4.837 ng

RT: 22.963 min Scan# 3396

Delta R.T. -0.000 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

Instrument :

BNA_P

ClientSampleId :

PB162688BL

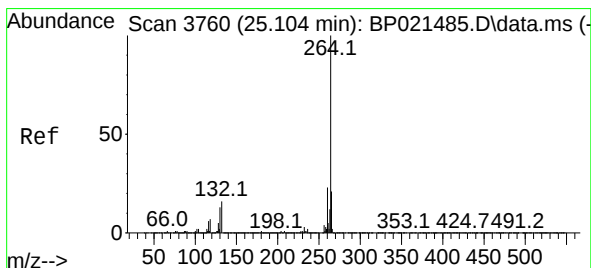
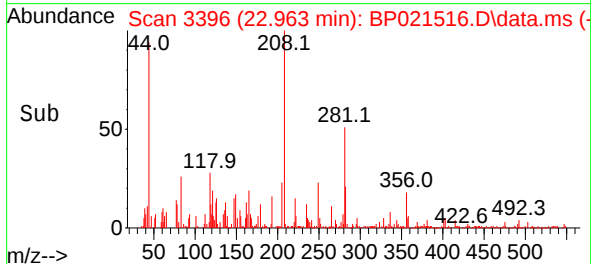
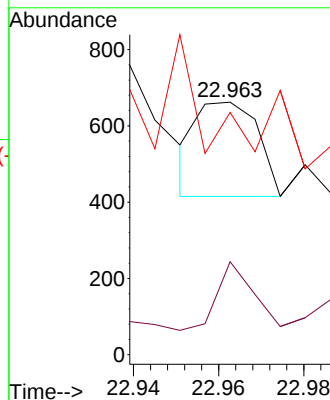
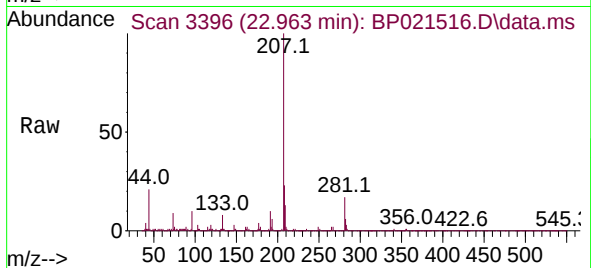
Tgt Ion:149 Resp: 244

Ion Ratio Lower Upper

149 100

167 43.4 1.3 1.9#

43 0.0 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.092 min Scan# 3758

Delta R.T. -0.012 min

Lab File: BP021516.D

Acq: 15 Aug 2024 16:19

Tgt Ion:264 Resp: 2706442

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.8 17.1 25.7

