

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021535.D
 Acq On : 16 Aug 2024 11:42
 Operator : RC/JU
 Sample : P3518-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-02-080724RE

Quant Time: Aug 16 12:44:43 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)

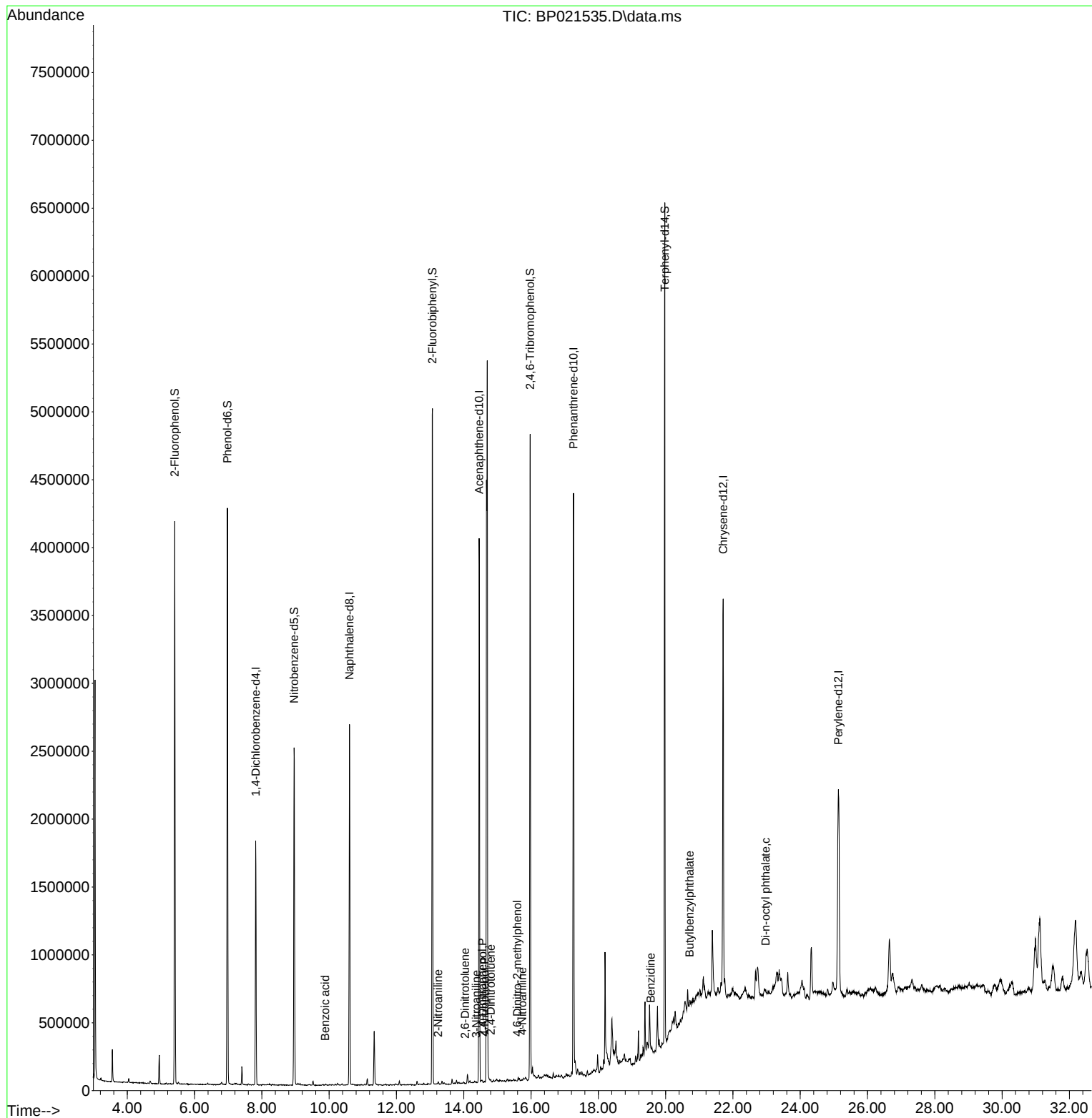
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	468282	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	2068123	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1413971	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2877591	20.000	ng	0.01
76) Chrysene-d12	21.710	240	1664819	20.000	ng	0.01
86) Perylene-d12	25.133	264	1937844	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	1833053	58.124	ng	0.02
7) Phenol-d6	6.975	99	2710150	58.909	ng	0.01
23) Nitrobenzene-d5	8.957	82	1623538	40.519	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	934743	59.398	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2666687	28.783	ng	0.00
79) Terphenyl-d14	19.975	244	2918550	34.057	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.699	139	160	Below Cal	#	1
32) Benzoic acid	9.881	122	750	3.388 ng	#	56
48) 2-Nitroaniline	13.240	65	239	5.157 ng		90
51) 2,6-Dinitrotoluene	14.040	165	173	3.994 ng		98
53) 3-Nitroaniline	14.375	138	107	3.974 ng	#	34
54) 2,4-Dinitrophenol	14.557	184	36	2.441 ng	#	1
56) 4-Nitrophenol	14.622	139	465	5.106 ng	#	60
57) 2,4-Dinitrotoluene	14.804	165	161	5.028 ng	#	33
62) 4-Nitroaniline	15.739	138	605	2.964 ng		88
65) 4,6-Dinitro-2-methylph...	15.592	198	131	4.626 ng	#	1
77) Benzidine	19.557	184	877	4.590 ng	#	1
80) Butylbenzylphthalate	20.716	149	1880	3.645 ng	#	53
85) Di-n-octyl phthalate	22.974	149	1114	4.845 ng	#	1

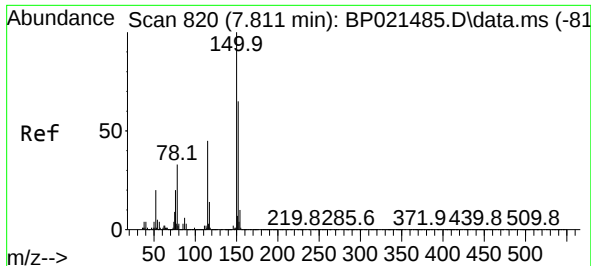
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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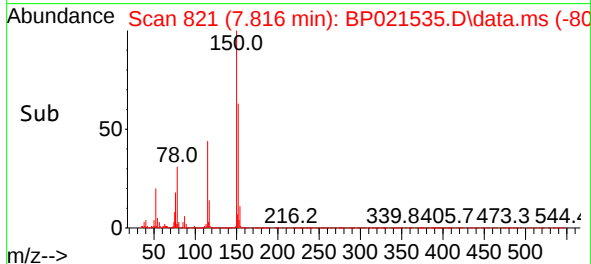
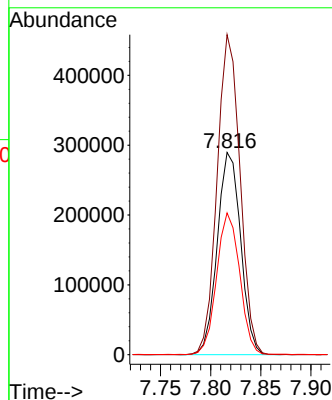
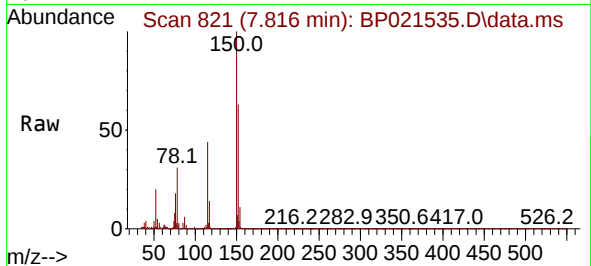




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

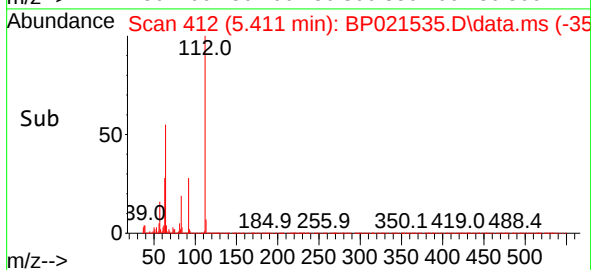
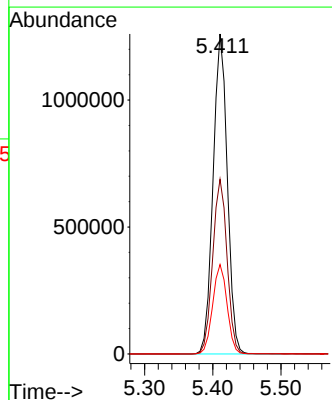
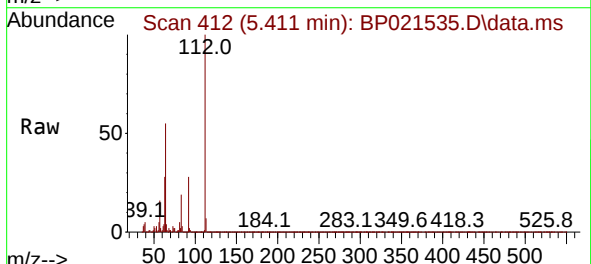
Instrument :
BNA_P
ClientSampleId :
OU4-TS-02-080724RE

Tgt Ion:152 Resp: 468282
Ion Ratio Lower Upper
152 100
150 158.3 122.4 183.6
115 70.1 54.7 82.1



#5
2-Fluorophenol
Concen: 58.124 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

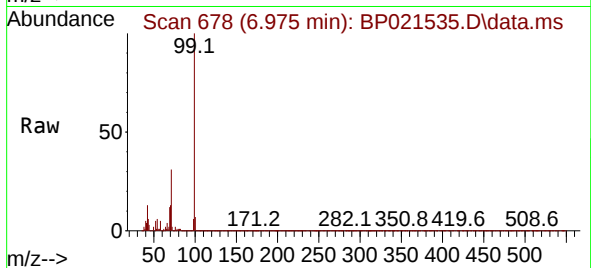
Tgt Ion:112 Resp: 1833053
Ion Ratio Lower Upper
112 100
64 54.6 49.0 73.6
63 28.0 24.6 36.8





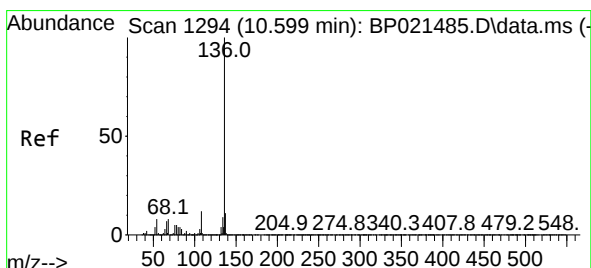
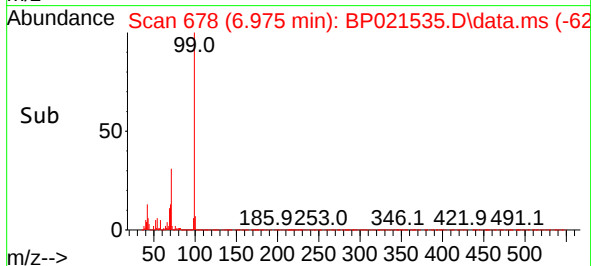
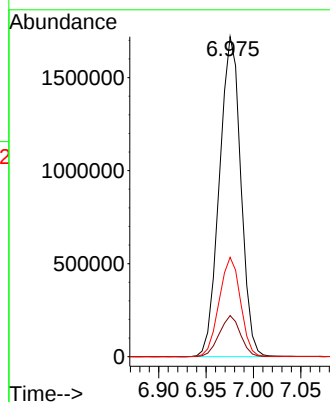
#7
Phenol-d6
Concen: 58.909 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

Instrument :
BNA_P
ClientSampleId :
OU4-TS-02-080724RE



Tgt Ion: 99 Resp: 2710150

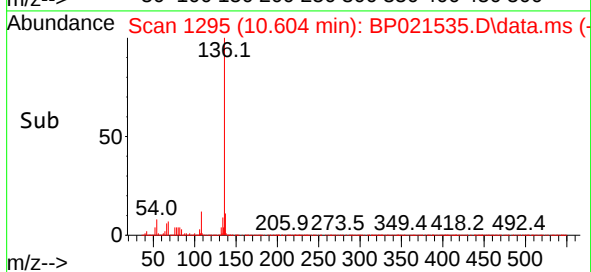
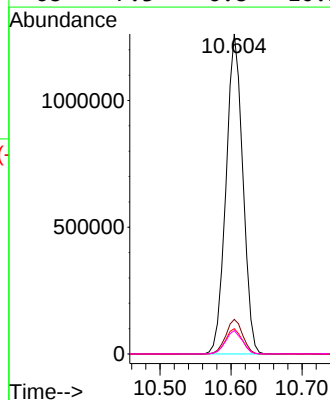
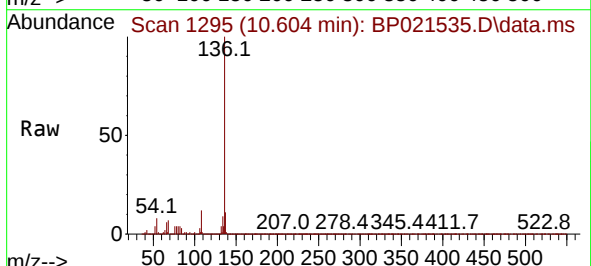
Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.2	15.4
71	31.1	25.8	38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.005 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

Tgt Ion: 136 Resp: 2068123

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	6.3	9.5
68	7.3	6.8	10.2

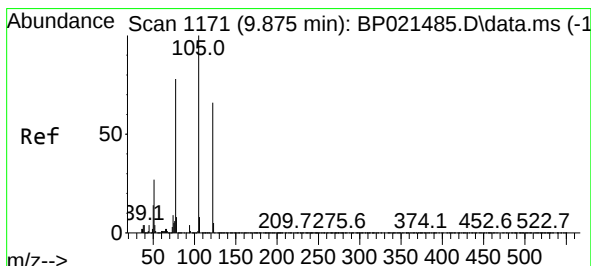
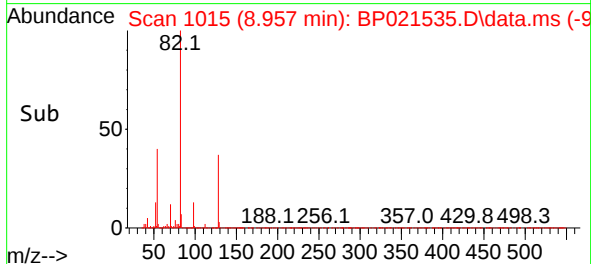
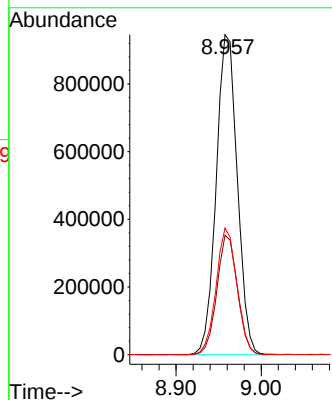
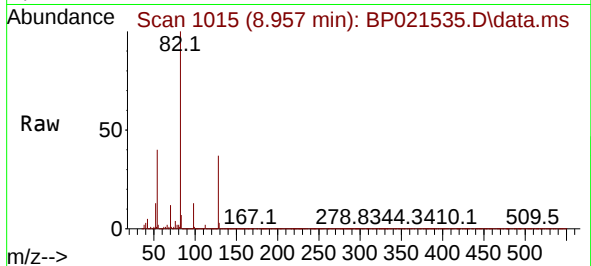




#23
Nitrobenzene-d5
Concen: 40.519 ng
RT: 8.957 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

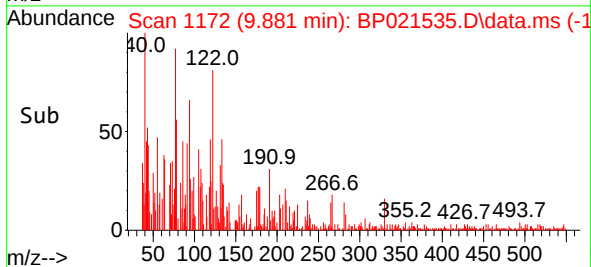
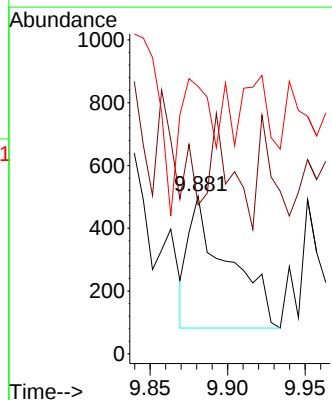
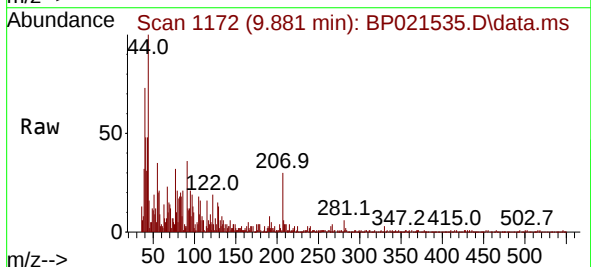
Instrument :
BNA_P
ClientSampleId :
OU4-TS-02-080724RE

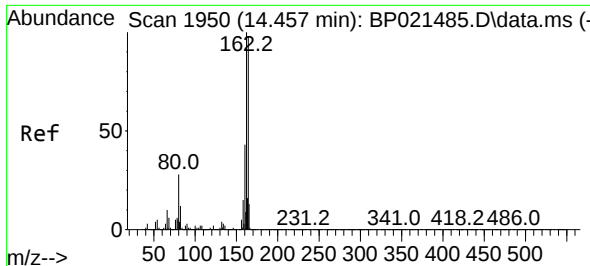
Tgt Ion: 82 Resp: 1623538
Ion Ratio Lower Upper
82 100
128 37.3 26.5 39.7
54 39.6 30.3 45.5



#32
Benzoic acid
Concen: 3.388 ng
RT: 9.881 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

Tgt Ion: 122 Resp: 750
Ion Ratio Lower Upper
122 100
105 94.4 124.6 164.6#
77 169.7 96.2 136.2#

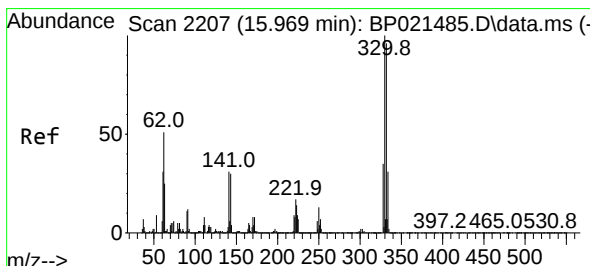
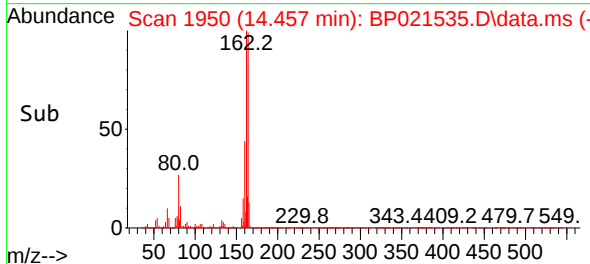
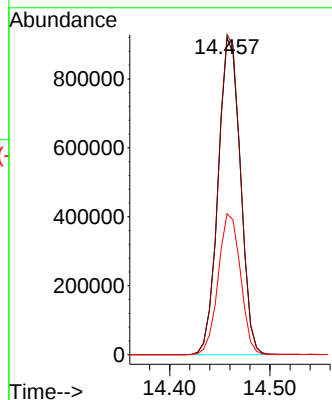
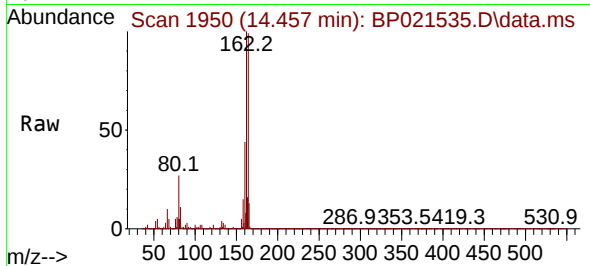




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

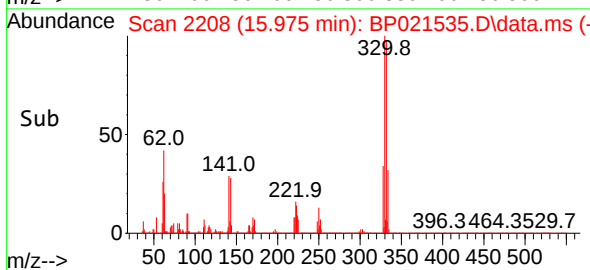
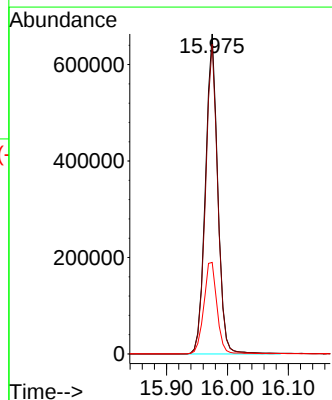
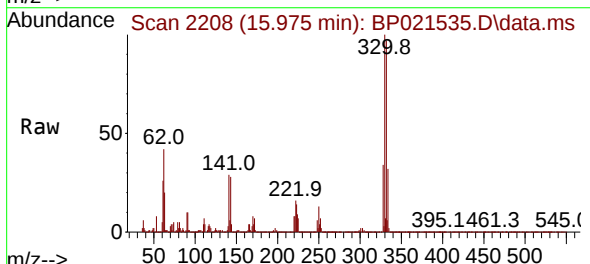
Instrument :
BNA_P
ClientSampleId :
OU4-TS-02-080724RE

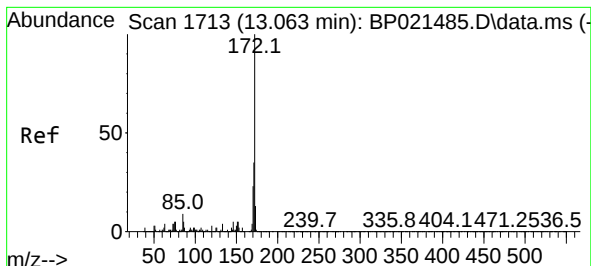
Tgt Ion:164 Resp: 1413971
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 44.5 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 59.398 ng
RT: 15.975 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

Tgt Ion:330 Resp: 934743
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 30.5 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 28.783 ng

RT: 13.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

BNA_P

ClientSampleId :

OU4-TS-02-080724RE

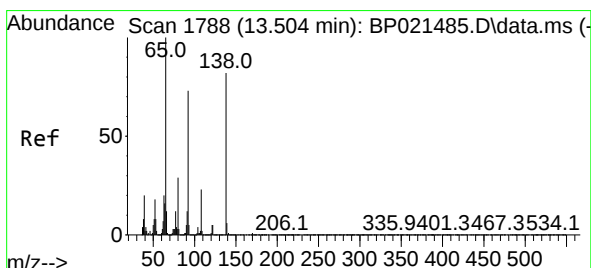
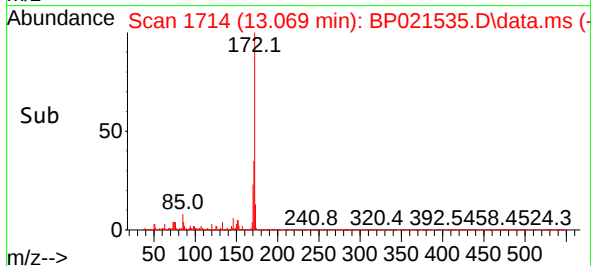
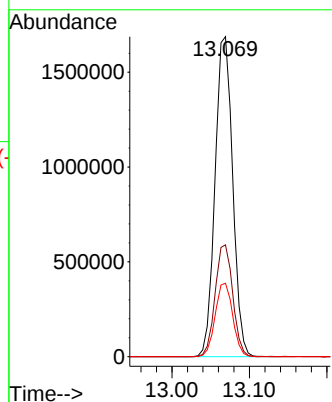
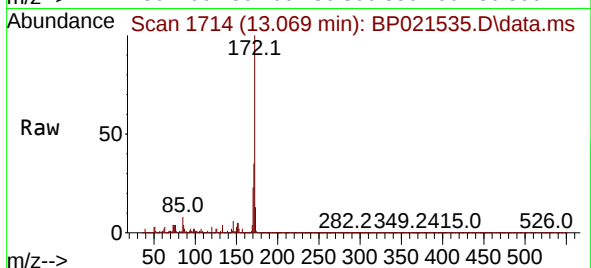
Tgt Ion:172 Resp: 2666687

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.0 18.4 27.6



#48

2-Nitroaniline

Concen: 5.157 ng

RT: 13.240 min Scan# 1743

Delta R.T. -0.264 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

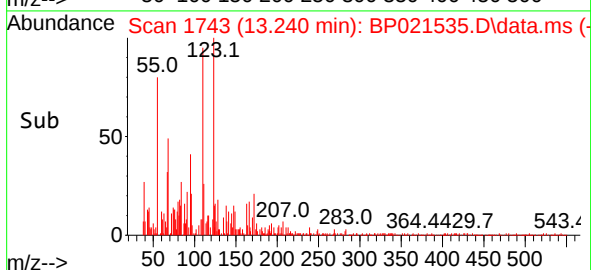
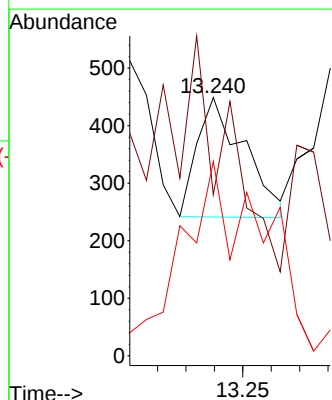
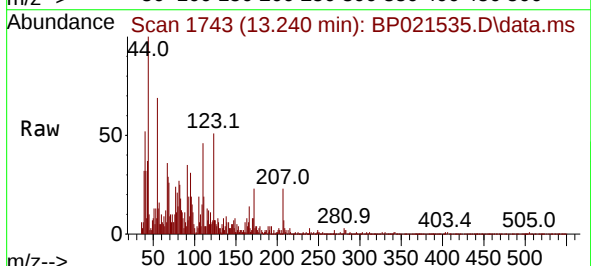
Tgt Ion: 65 Resp: 239

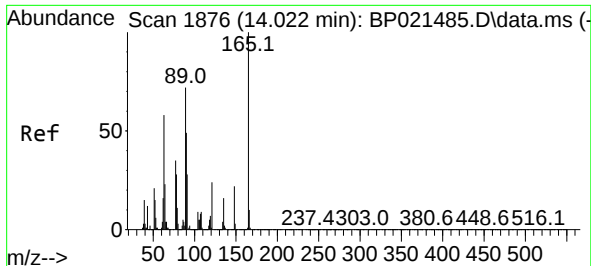
Ion Ratio Lower Upper

65 100

92 62.4 58.1 87.1

138 75.3 65.5 98.3

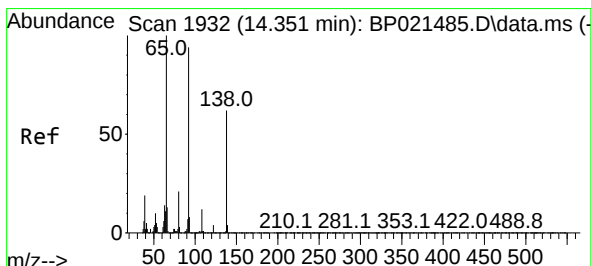
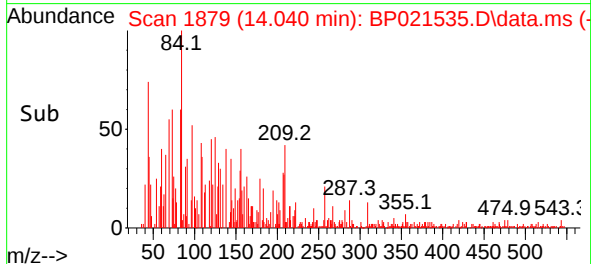
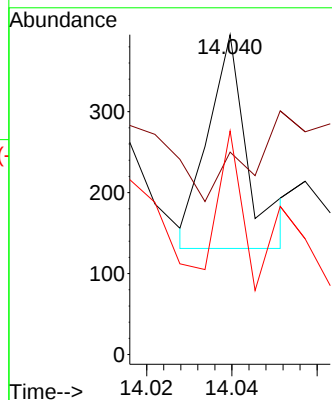
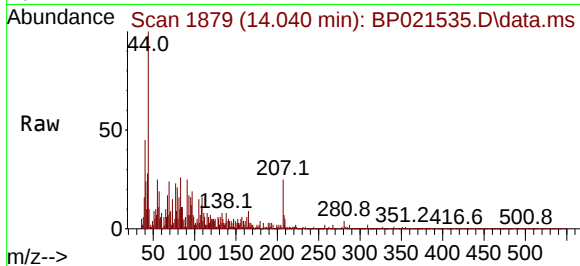




#51
2,6-Dinitrotoluene
Concen: 3.994 ng
RT: 14.040 min Scan# 1879
Delta R.T. 0.018 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

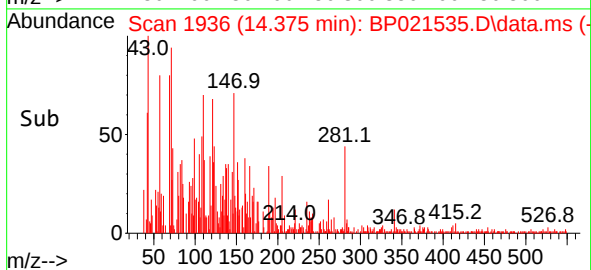
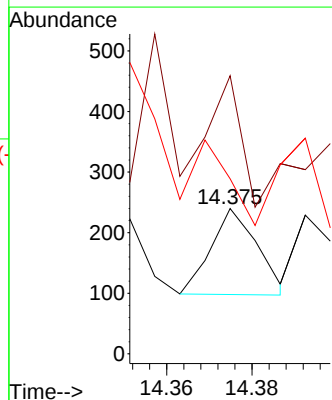
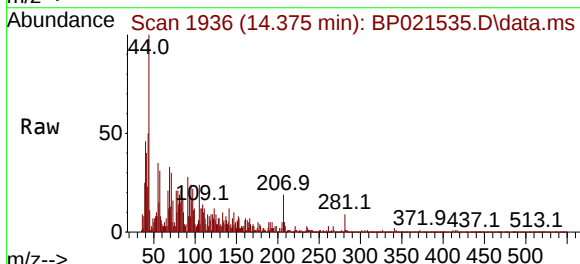
Instrument :
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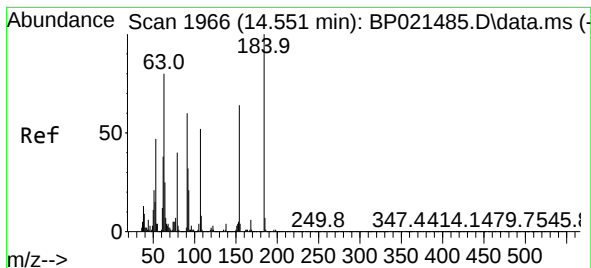
Tgt Ion:165 Resp: 173
Ion Ratio Lower Upper
165 100
63 63.3 51.5 77.3
89 69.9 57.8 86.8



#53
3-Nitroaniline
Concen: 3.974 ng
RT: 14.375 min Scan# 1936
Delta R.T. 0.024 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

Tgt Ion:138 Resp: 107
Ion Ratio Lower Upper
138 100
108 191.3 16.2 24.4#
92 120.4 122.2 183.4#





#54

2,4-Dinitrophenol

Concen: 2.441 ng

RT: 14.557 min Scan# 1966

Delta R.T. 0.006 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

BNA_P

ClientSampleId :

OU4-TS-02-080724RE

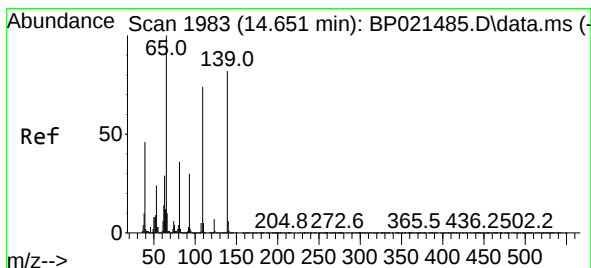
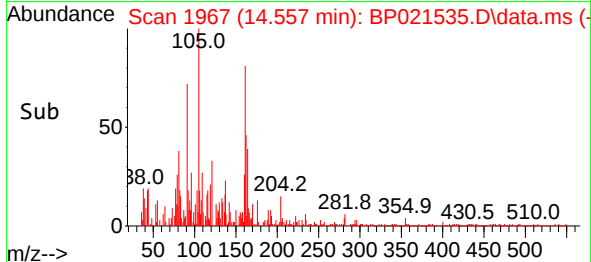
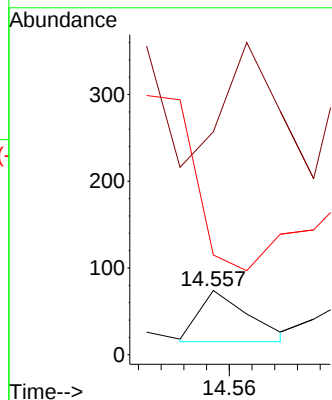
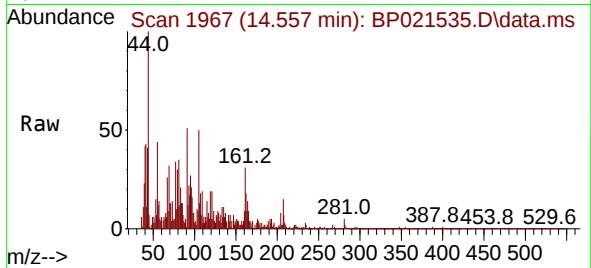
Tgt Ion:184 Resp: 36

Ion Ratio Lower Upper

184 100

63 347.3 64.9 97.3#

154 155.4 52.1 78.1#



#56

4-Nitrophenol

Concen: 5.106 ng

RT: 14.622 min Scan# 1978

Delta R.T. -0.029 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

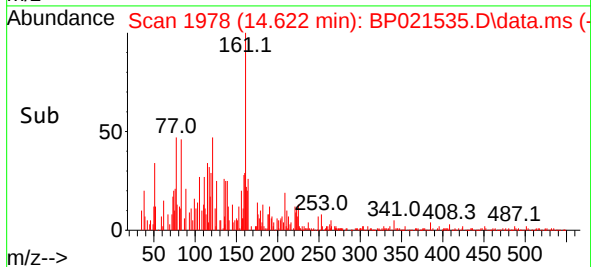
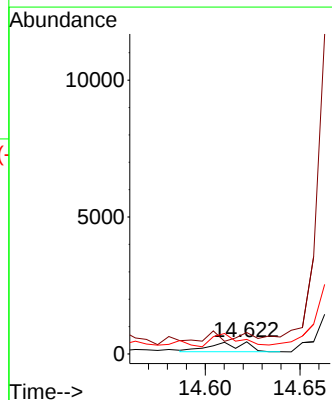
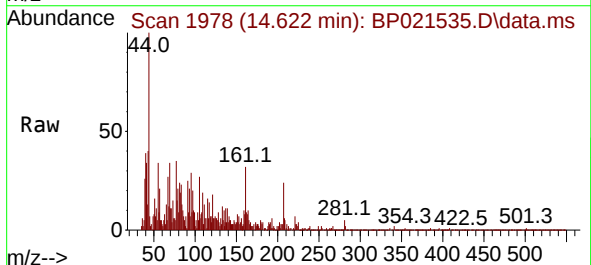
Tgt Ion:139 Resp: 465

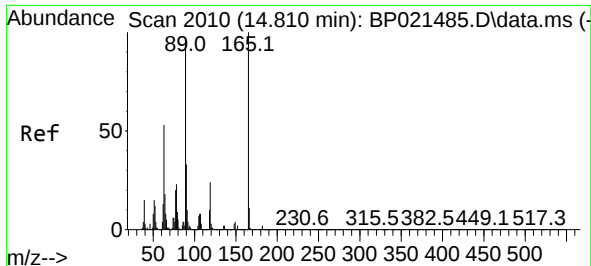
Ion Ratio Lower Upper

139 100

109 175.6 70.2 110.2#

65 119.3 101.8 141.8

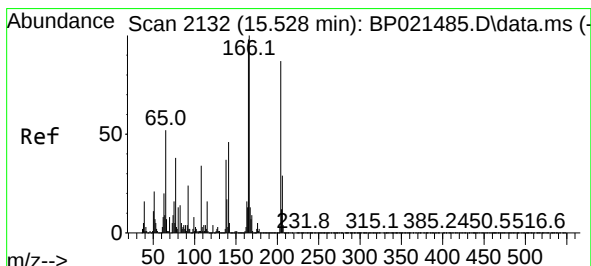
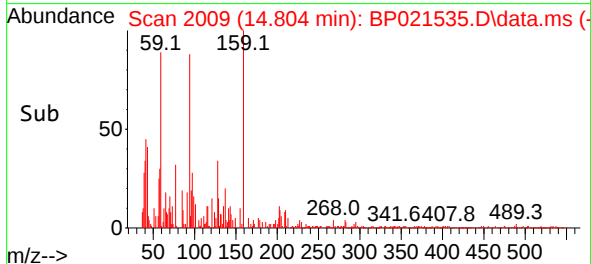
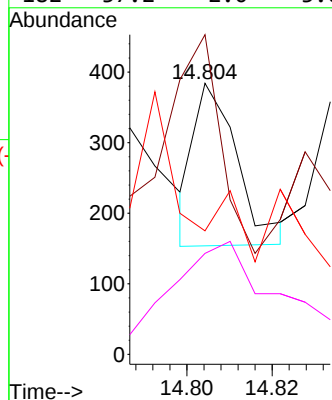
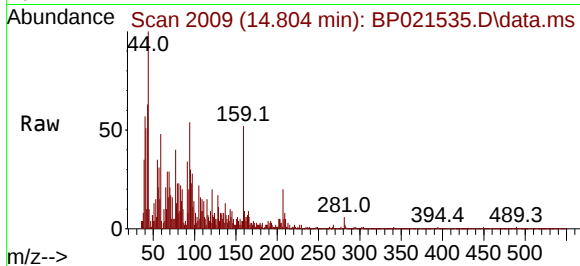




#57
2,4-Dinitrotoluene
Concen: 5.028 ng
RT: 14.804 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

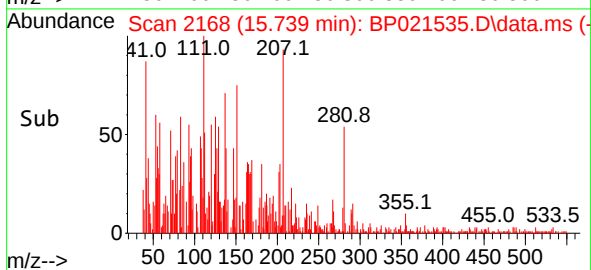
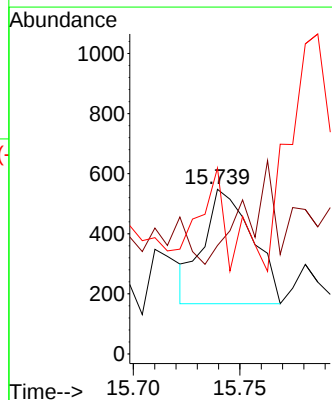
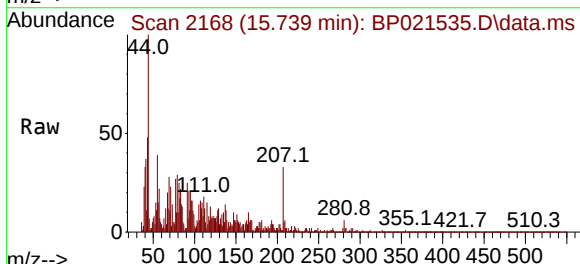
Instrument :
BNA_P
ClientSampleId :
OU4-TS-02-080724RE

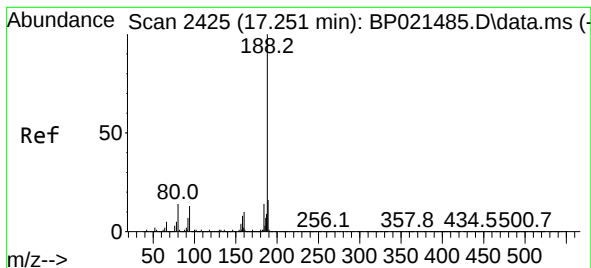
Tgt Ion:165 Resp: 161
Ion Ratio Lower Upper
165 100
63 118.0 42.5 63.7#
89 45.6 77.1 115.7#
182 37.2 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.964 ng
RT: 15.739 min Scan# 2168
Delta R.T. 0.211 min
Lab File: BP021535.D
Acq: 16 Aug 2024 11:42

Tgt Ion:138 Resp: 605
Ion Ratio Lower Upper
138 100
92 65.9 46.4 86.4
108 113.0 73.2 113.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

BNA_P

ClientSampleId :

OU4-TS-02-080724RE

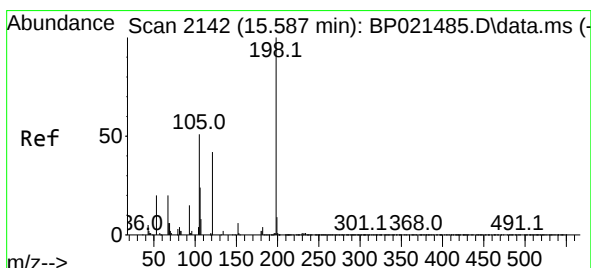
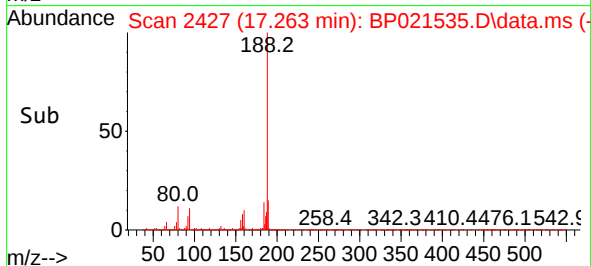
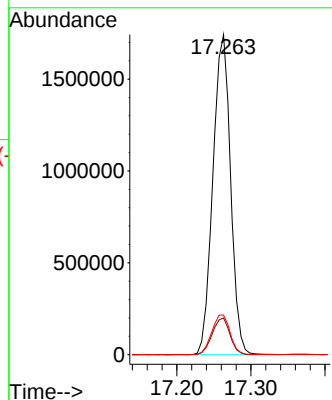
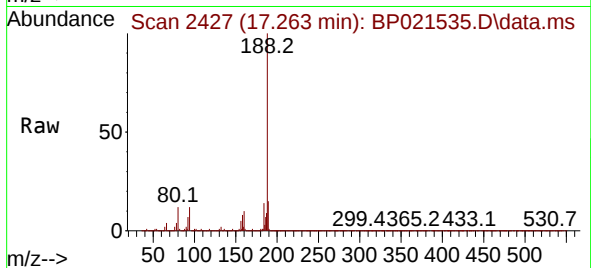
Tgt Ion:188 Resp: 2877591

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.4

80 12.4 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.626 ng

RT: 15.592 min Scan# 2143

Delta R.T. 0.005 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

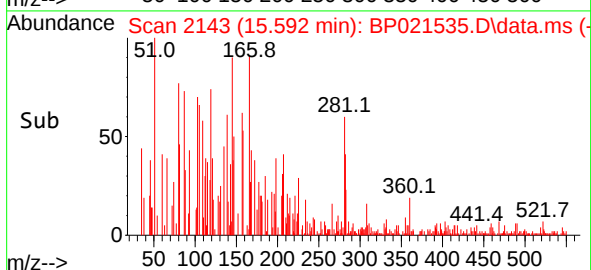
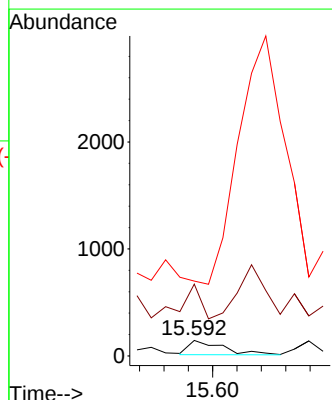
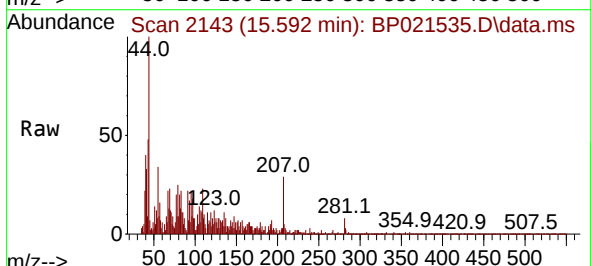
Tgt Ion:198 Resp: 131

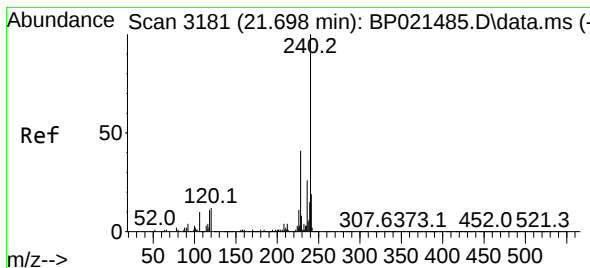
Ion Ratio Lower Upper

198 100

51 462.8 21.5 61.5#

105 482.1 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.710 min Scan# 3183

Delta R.T. 0.012 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

BNA_P

ClientSampleId :

OU4-TS-02-080724RE

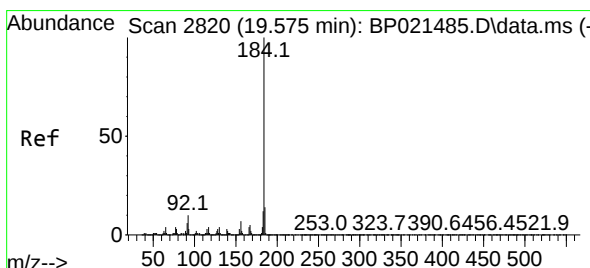
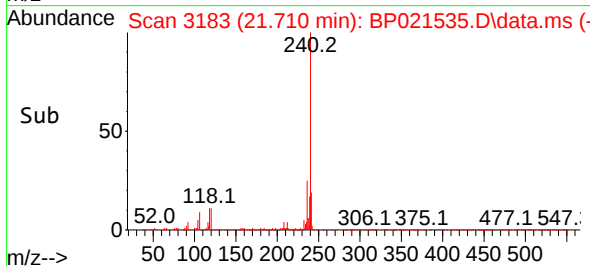
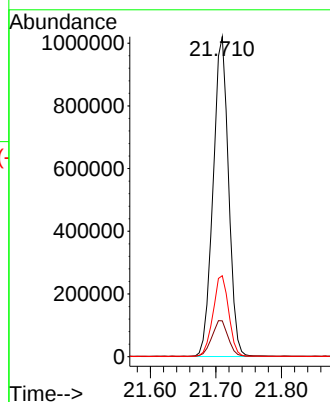
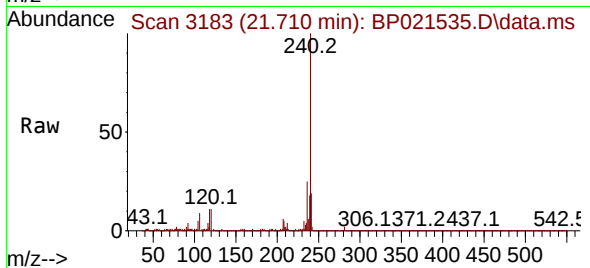
Tgt Ion:240 Resp: 1664819

Ion Ratio Lower Upper

240 100

120 11.2 9.9 14.9

236 25.3 20.6 30.8



#77

Benzidine

Concen: 4.590 ng

RT: 19.557 min Scan# 2817

Delta R.T. -0.018 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

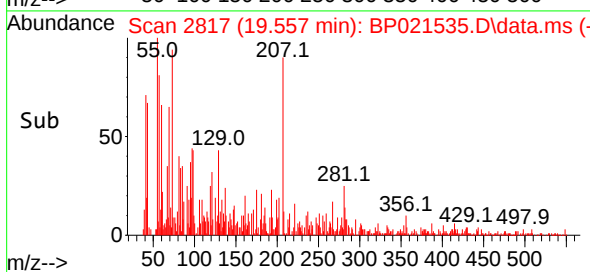
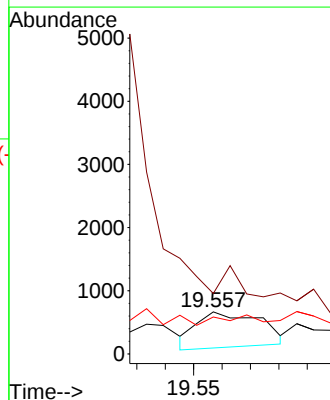
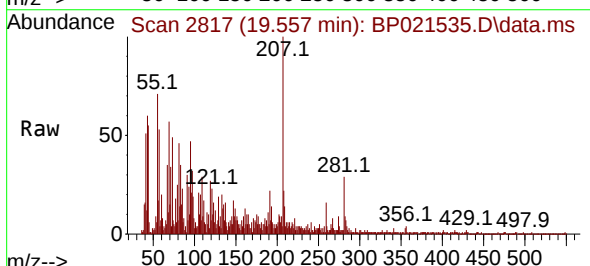
Tgt Ion:184 Resp: 877

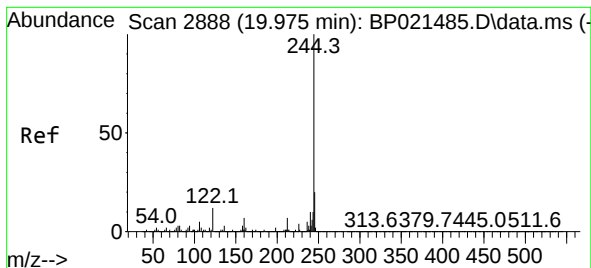
Ion Ratio Lower Upper

184 100

185 143.9 11.4 17.0#

183 88.0 9.3 13.9#





#79

Terphenyl-d14

Concen: 34.057 ng

RT: 19.975 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

BNA_P

ClientSampleId :

OU4-TS-02-080724RE

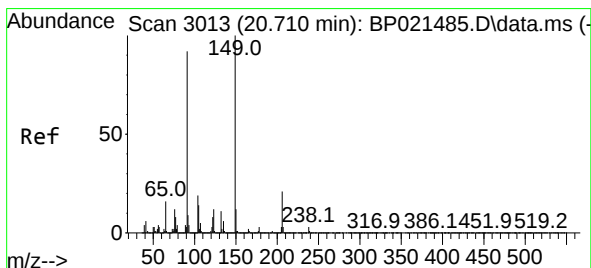
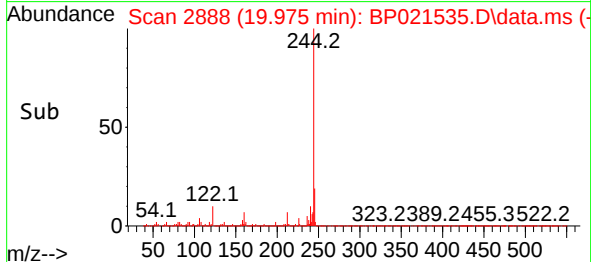
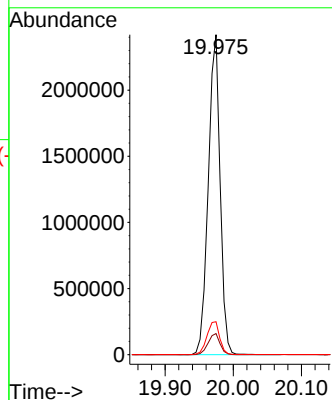
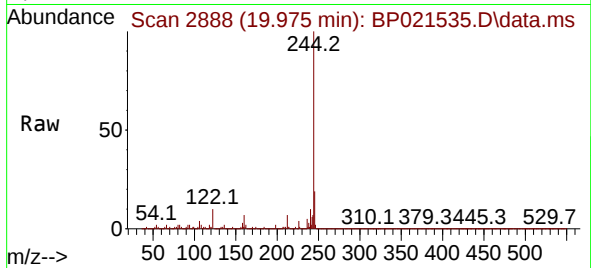
Tgt Ion:244 Resp: 2918550

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.645 ng

RT: 20.716 min Scan# 3014

Delta R.T. 0.006 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

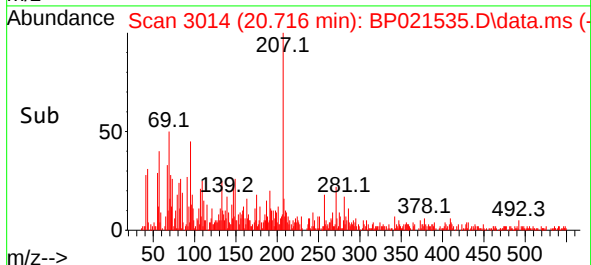
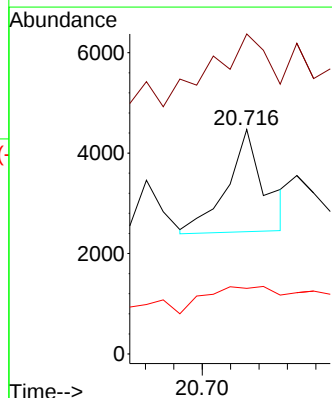
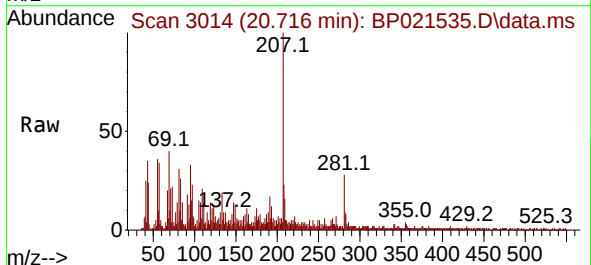
Tgt Ion:149 Resp: 1880

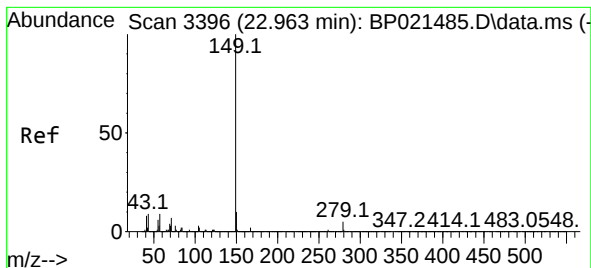
Ion Ratio Lower Upper

149 100

91 142.5 73.3 109.9#

206 29.2 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.845 ng

RT: 22.974 min Scan# 31

Delta R.T. 0.011 min

Lab File: BP021535.D

Acq: 16 Aug 2024 11:42

Instrument :

BNA_P

ClientSampleId :

OU4-TS-02-080724RE

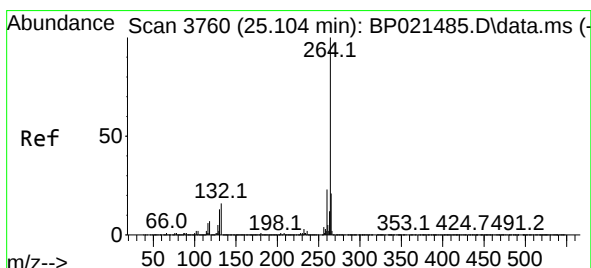
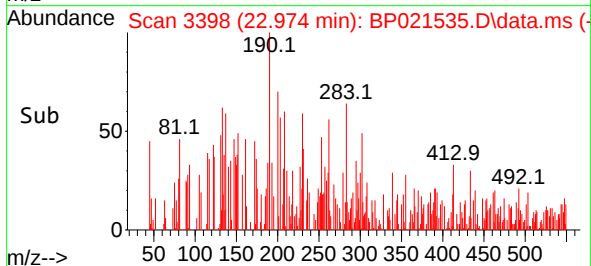
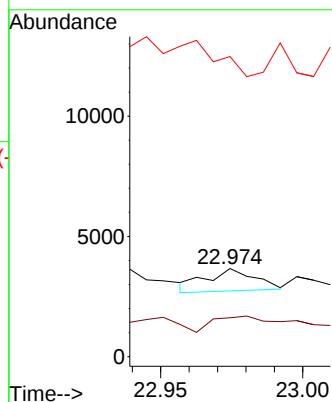
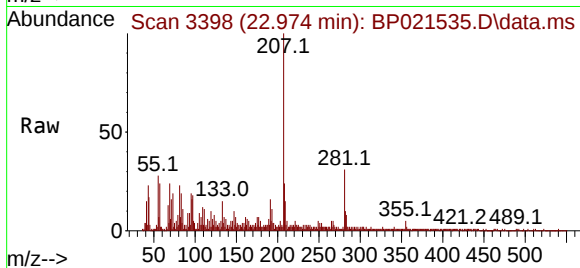
Tgt Ion:149 Resp: 1114

Ion Ratio Lower Upper

149 100

167 121.6 1.3 1.9#

43 55.6 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: BP021535.D

Acq: 16 Aug 2024 11:42

Tgt Ion:264 Resp: 1937844

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.6 17.1 25.7

