

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021583.D
 Acq On : 20 Aug 2024 22:27
 Operator : RC/JU
 Sample : P3518-15RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724RE

Quant Time: Aug 21 00:27:57 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)

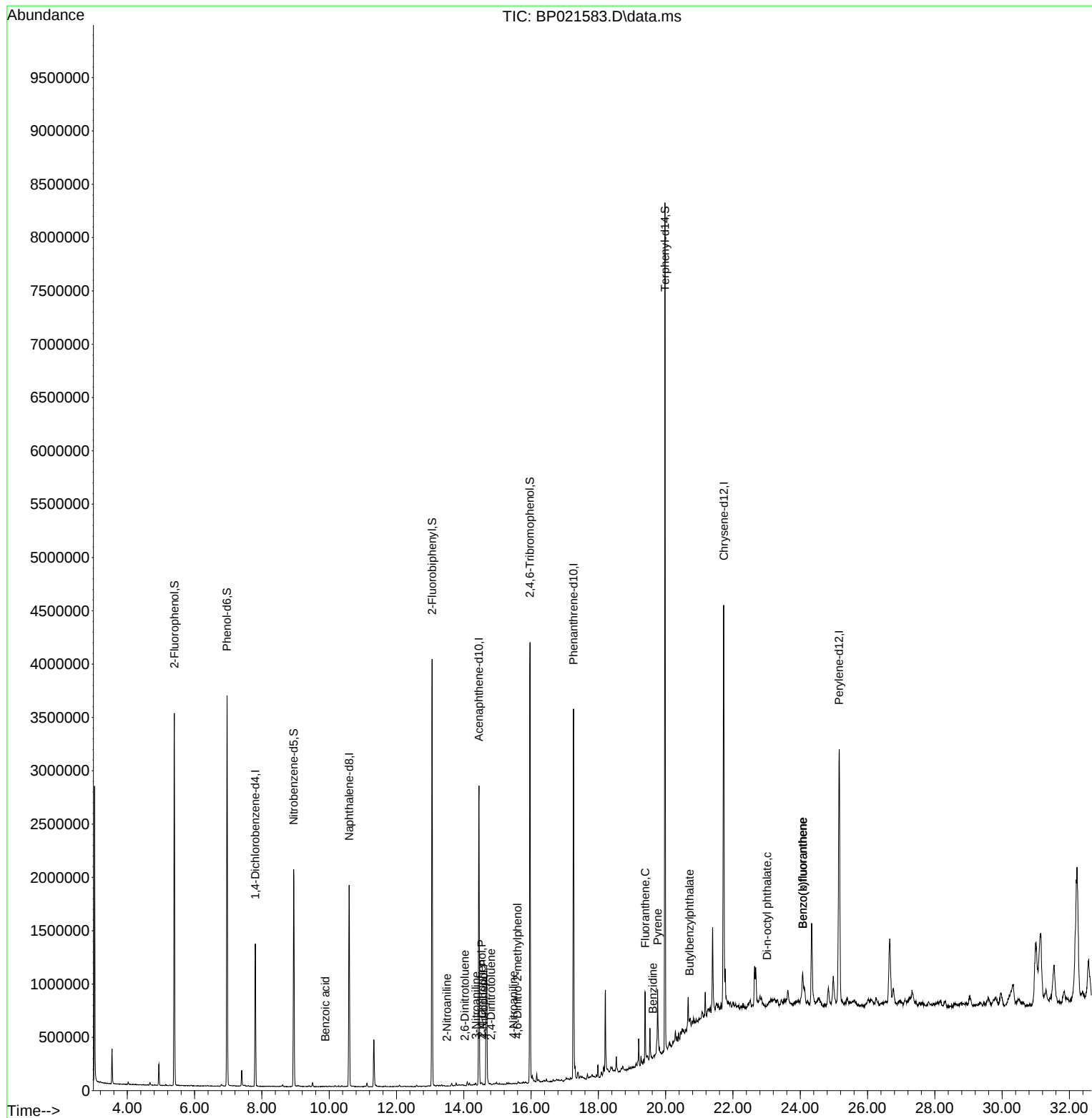
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	368812	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	1570625	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1046199	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2309247	20.000	ng	0.01
76) Chrysene-d12	21.727	240	2237746	20.000	ng	0.03
86) Perylene-d12	25.156	264	2559388	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1602172	64.505	ng	0.00
7) Phenol-d6	6.963	99	2337301	64.507	ng	0.00
23) Nitrobenzene-d5	8.946	82	1314690	43.204	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	839520	72.100	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2065479	30.130	ng	0.00
79) Terphenyl-d14	19.980	244	3865473	33.559	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.675	139	85	Below Cal	#	1
32) Benzoic acid	9.887	122	205	3.344	ng	# 43
48) 2-Nitroaniline	13.498	65	166	5.156	ng	# 43
51) 2,6-Dinitrotoluene	14.033	165	273	4.003	ng	# 68
53) 3-Nitroaniline	14.363	138	168	3.980	ng	# 1
54) 2,4-Dinitrophenol	14.533	184	161	2.493	ng	# 1
56) 4-Nitrophenol	14.592	139	308	5.103	ng	88
57) 2,4-Dinitrotoluene	14.810	165	98	5.027	ng	# 66
62) 4-Nitroaniline	15.475	138	293	2.954	ng	# 25
65) 4,6-Dinitro-2-methylph...	15.598	198	65	4.618	ng	# 1
75) Fluoranthene	19.392	202	369921	2.715	ng	100
77) Benzidine	19.621	184	239	4.576	ng	# 1
78) Pyrene	19.763	202	330752	2.261	ng	97
80) Butylbenzylphthalate	20.715	149	6303	3.707	ng	# 66
85) Di-n-octyl phthalate	23.009	149	1630	4.846	ng	# 66
88) Benzo(b)fluoranthene	24.074	252	319952	2.177	ng	# 95
89) Benzo(k)fluoranthene	24.074	252	319952	2.231	ng	# 95

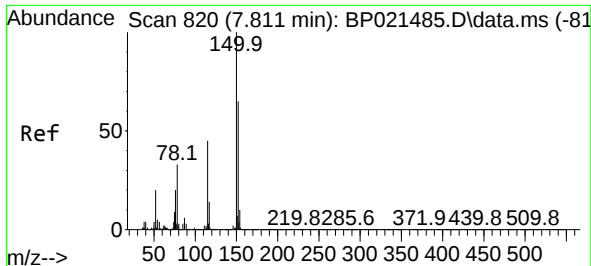
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
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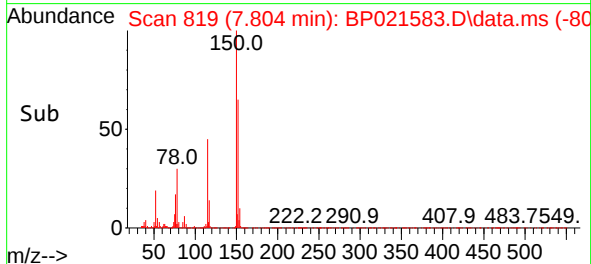
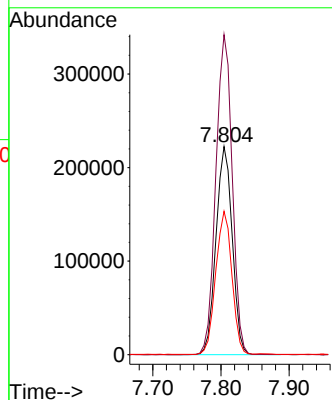
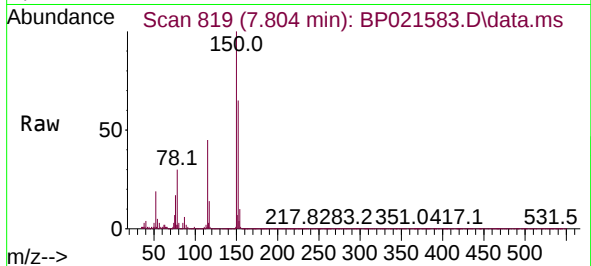




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

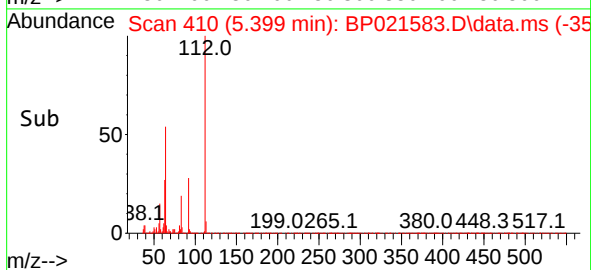
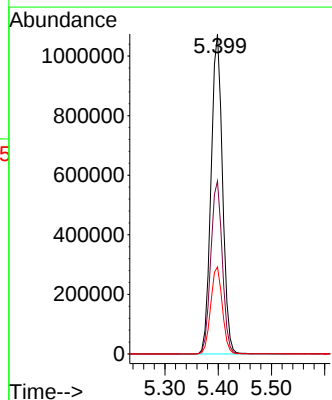
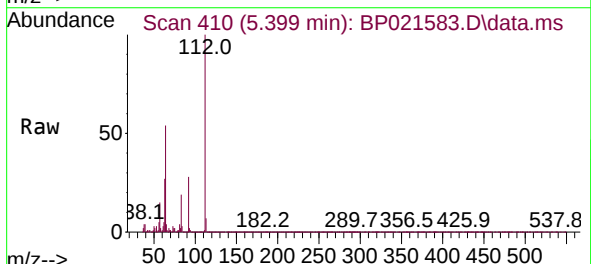
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BNA_P
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OU4-TS-08-080724RE

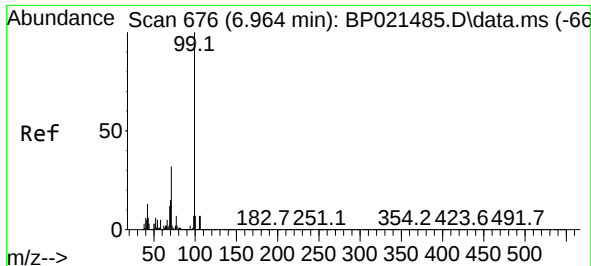
Tgt Ion:152 Resp: 368812
Ion Ratio Lower Upper
152 100
150 153.7 122.4 183.6
115 68.9 54.7 82.1



#5
2-Fluorophenol
Concen: 64.505 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion:112 Resp: 1602172
Ion Ratio Lower Upper
112 100
64 54.0 49.0 73.6
63 27.2 24.6 36.8

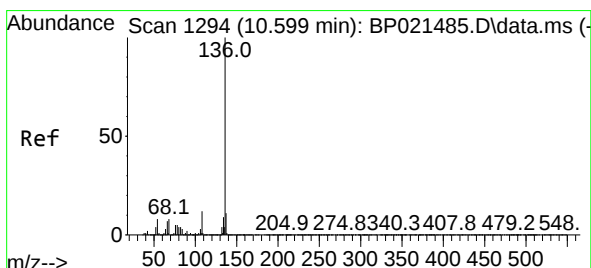
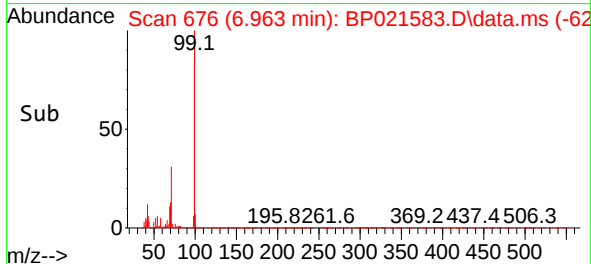
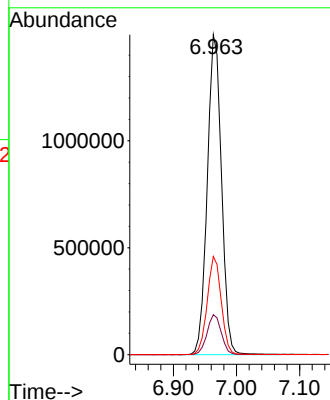
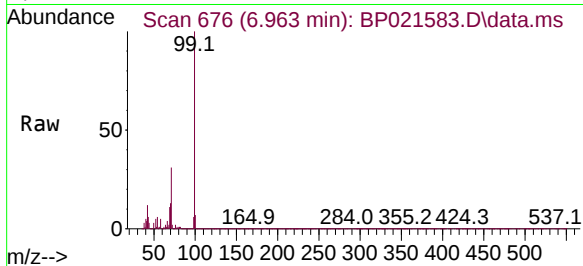




#7
Phenol-d6
Concen: 64.507 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

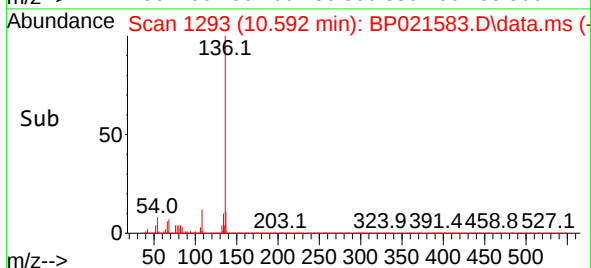
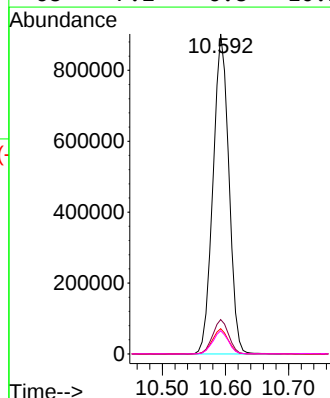
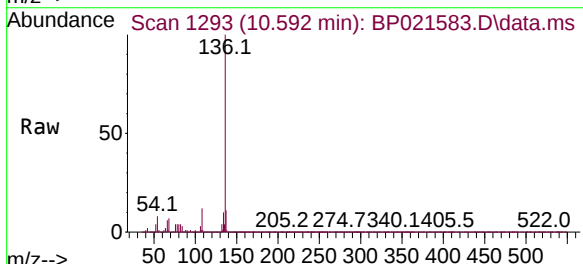
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724RE

Tgt Ion: 99 Resp: 2337301
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.7 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.007 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion:136 Resp: 1570625
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 6.3 9.5
68 7.2 6.8 10.2

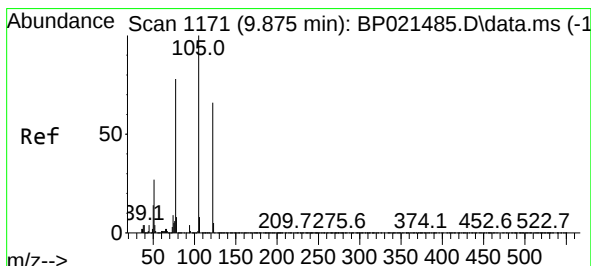
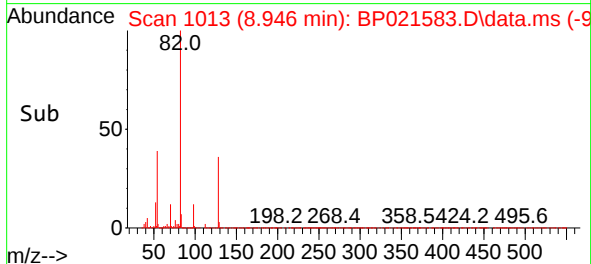
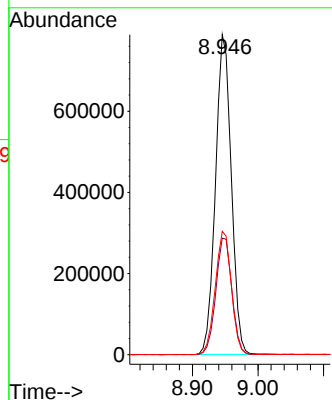
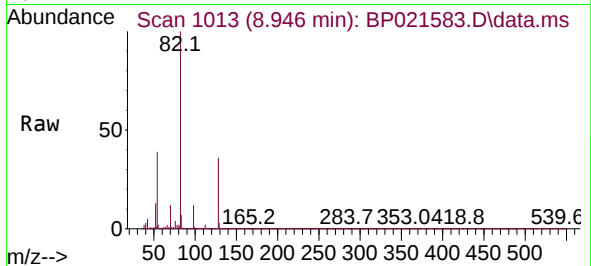




#23
Nitrobenzene-d5
Concen: 43.204 ng
RT: 8.946 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

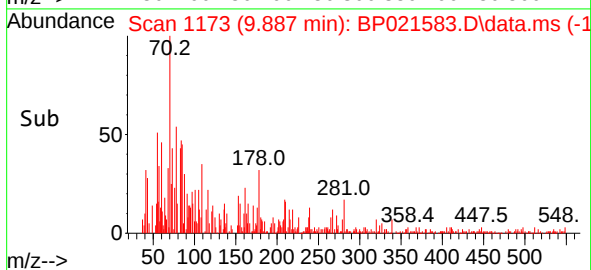
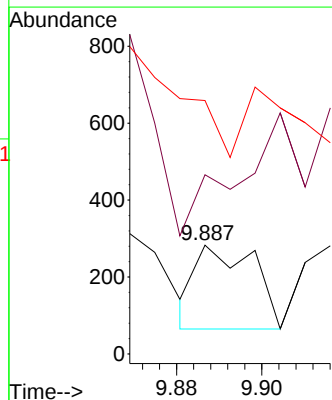
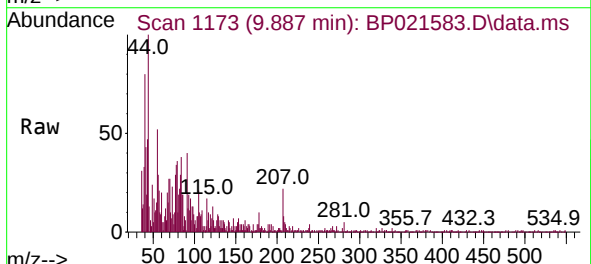
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724RE

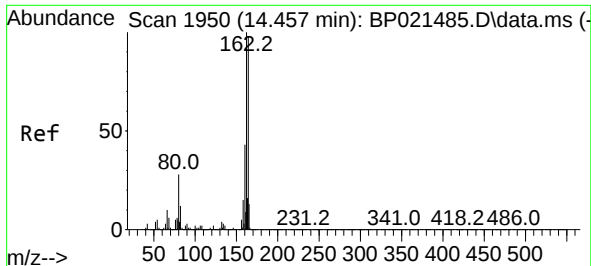
Tgt Ion: 82 Resp: 1314690
Ion Ratio Lower Upper
82 100
128 36.4 26.5 39.7
54 38.6 30.3 45.5



#32
Benzoic acid
Concen: 3.344 ng
RT: 9.887 min Scan# 1173
Delta R.T. 0.012 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion: 122 Resp: 205
Ion Ratio Lower Upper
122 100
105 164.7 124.6 164.6#
77 232.9 96.2 136.2#

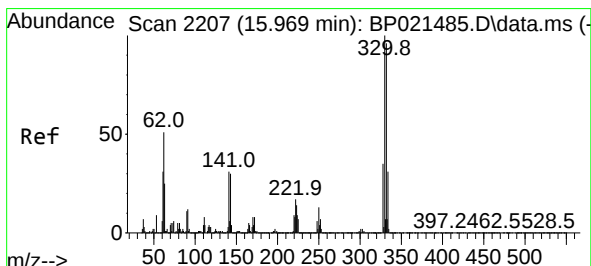
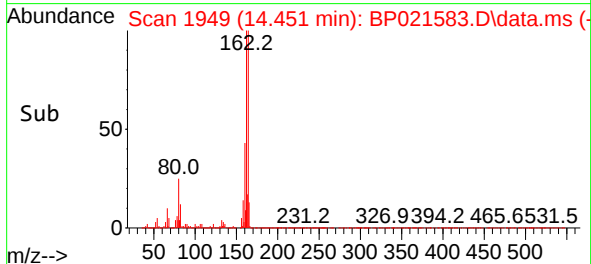
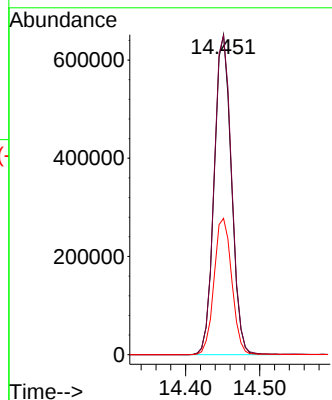
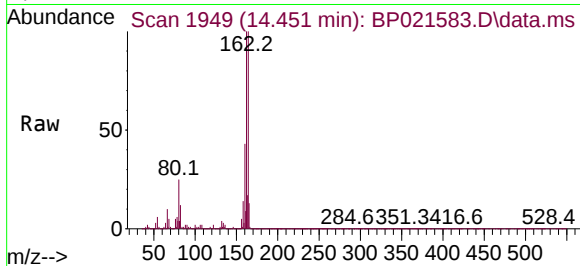




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

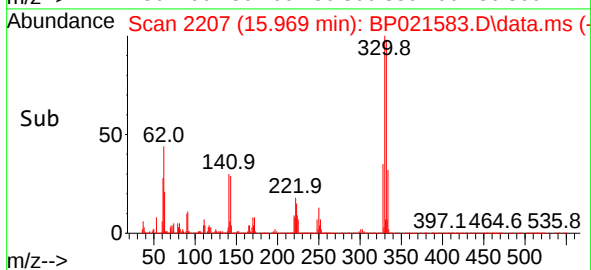
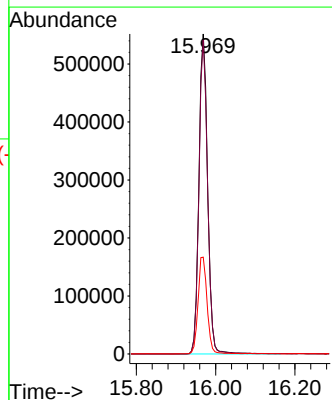
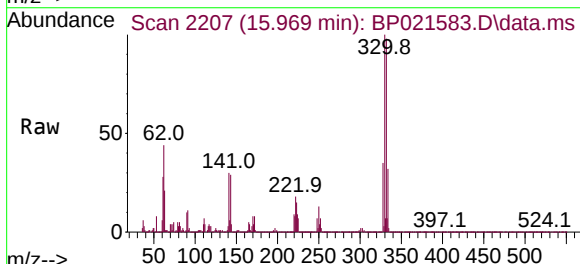
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ClientSampleId :
OU4-TS-08-080724RE

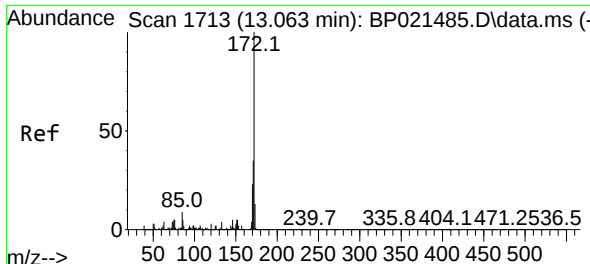
Tgt Ion:164 Resp: 1046199
Ion Ratio Lower Upper
164 100
162 99.8 81.5 122.3
160 42.6 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 72.100 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion:330 Resp: 839520
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 31.3 24.5 36.7

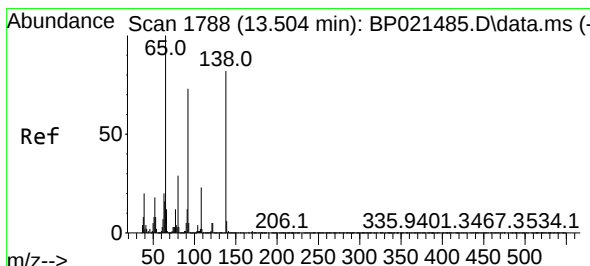
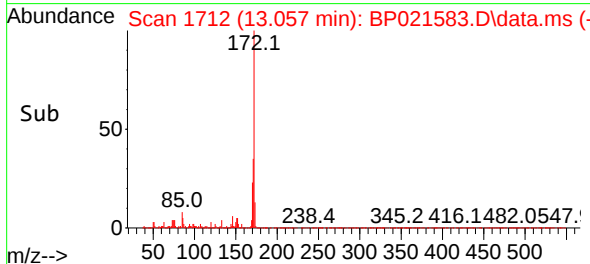
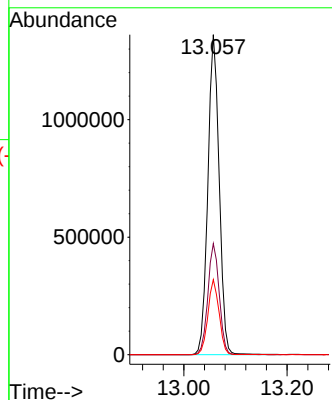
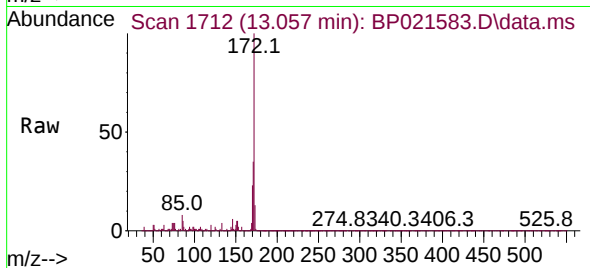




#45
2-Fluorobiphenyl
Concen: 30.130 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

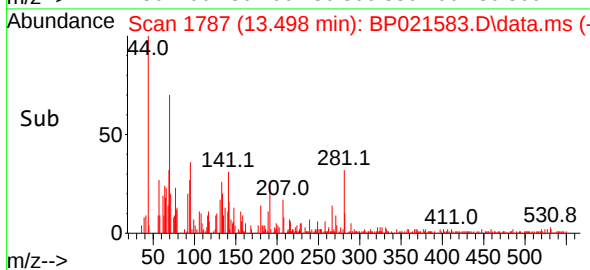
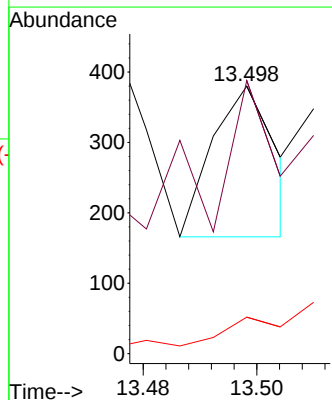
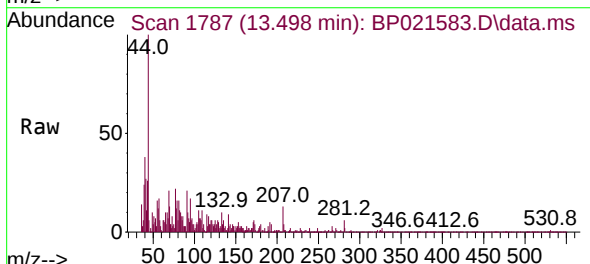
Instrument :
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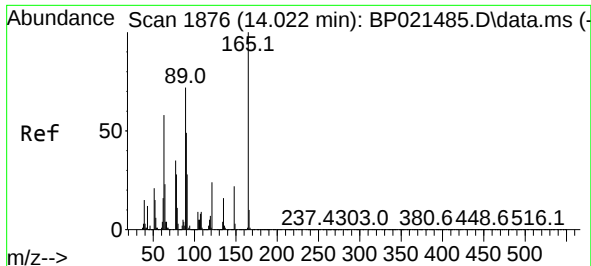
Tgt Ion:172 Resp: 2065479
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.4 18.4 27.6



#48
2-Nitroaniline
Concen: 5.156 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion: 65 Resp: 166
Ion Ratio Lower Upper
65 100
92 102.1 58.1 87.1#
138 13.7 65.5 98.3#

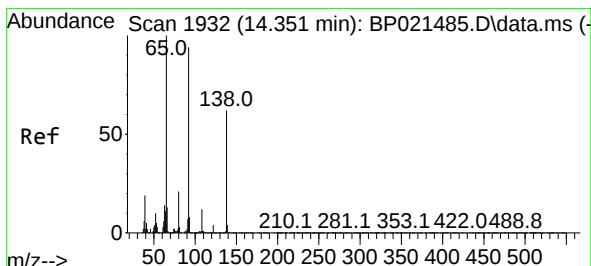
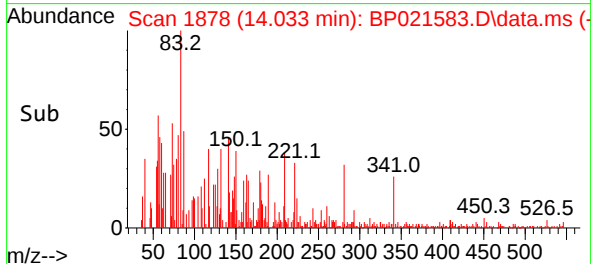
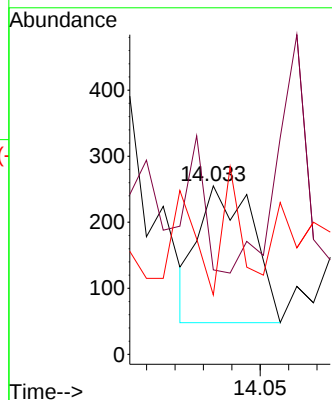
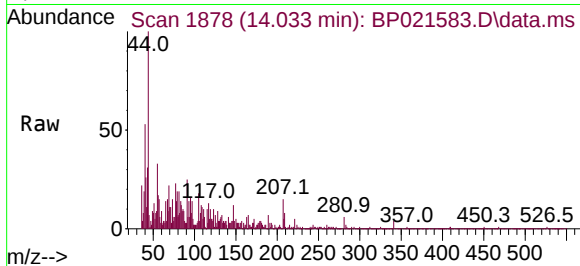




#51
2,6-Dinitrotoluene
Concen: 4.003 ng
RT: 14.033 min Scan# 11
Delta R.T. 0.011 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

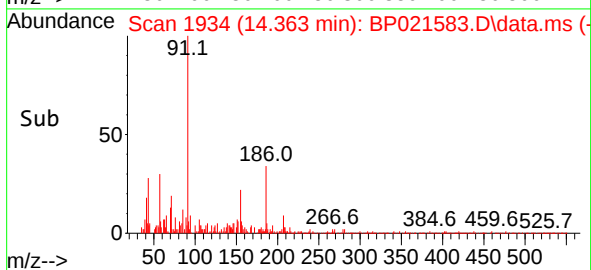
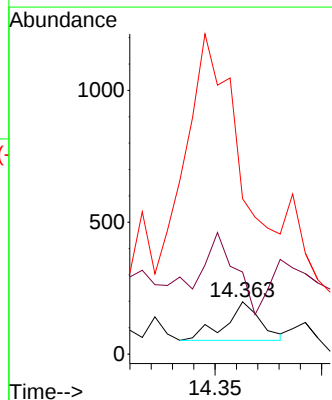
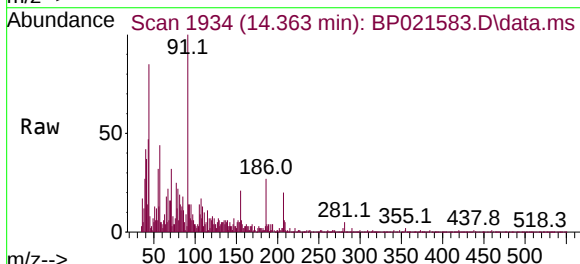
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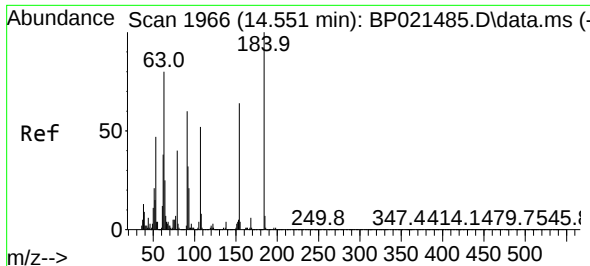
Tgt Ion:165 Resp: 273
Ion Ratio Lower Upper
165 100
63 50.2 51.5 77.3#
89 35.3 57.8 86.8#



#53
3-Nitroaniline
Concen: 3.980 ng
RT: 14.363 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion:138 Resp: 168
Ion Ratio Lower Upper
138 100
108 157.1 16.2 24.4#
92 297.5 122.2 183.4#

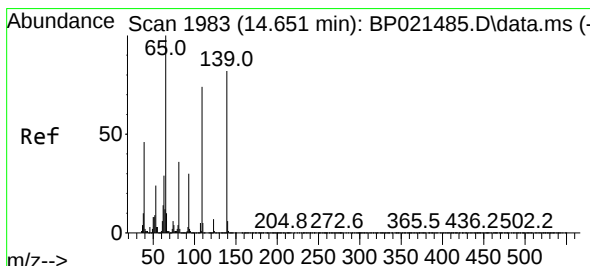
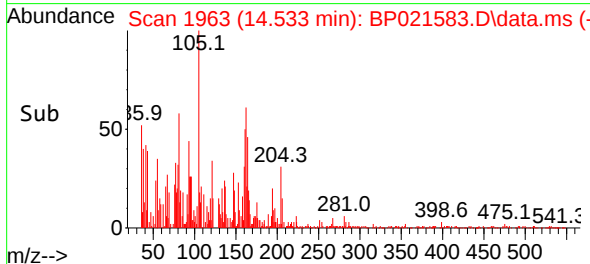
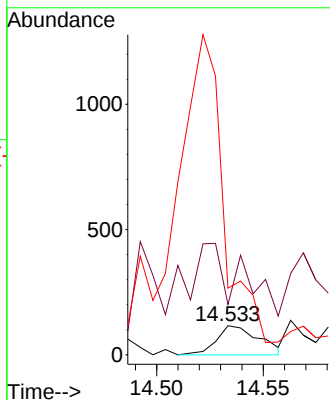
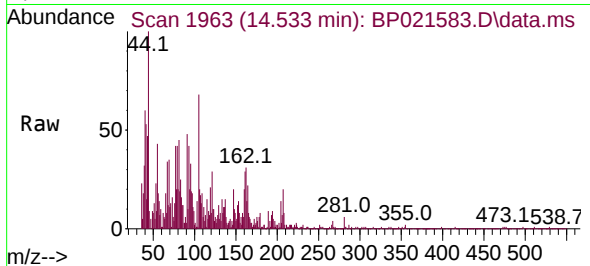




#54
2,4-Dinitrophenol
Concen: 2.493 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.018 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

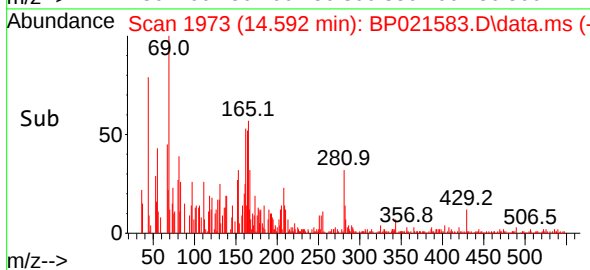
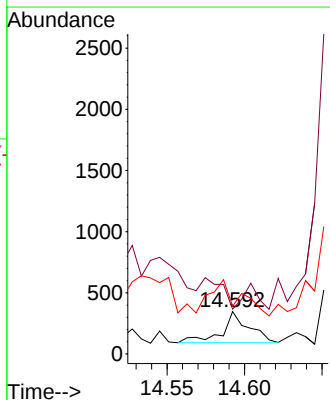
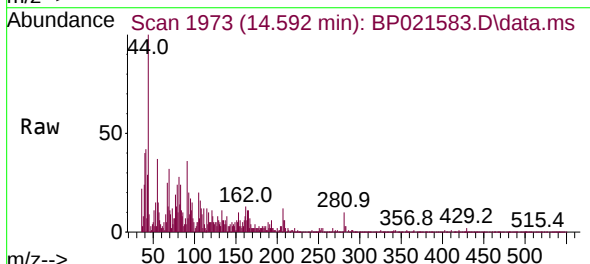
Instrument :
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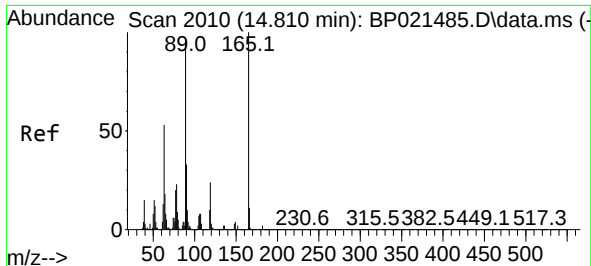
Tgt Ion:184 Resp: 161
Ion Ratio Lower Upper
184 100
63 173.3 64.9 97.3#
154 229.3 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.103 ng
RT: 14.592 min Scan# 1973
Delta R.T. -0.059 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion:139 Resp: 308
Ion Ratio Lower Upper
139 100
109 105.8 70.2 110.2
65 112.7 101.8 141.8

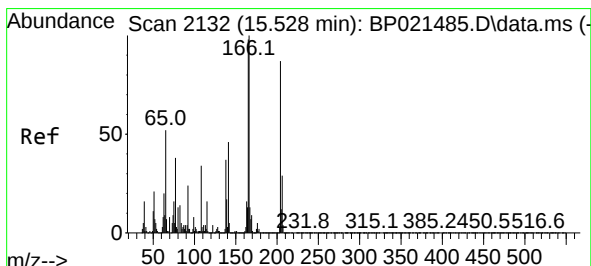
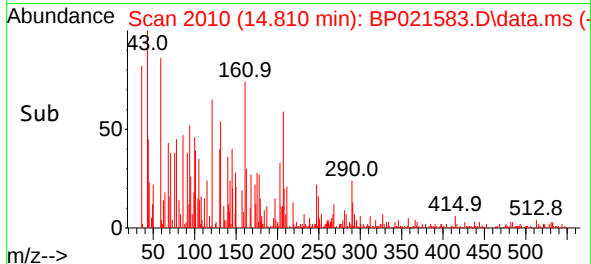
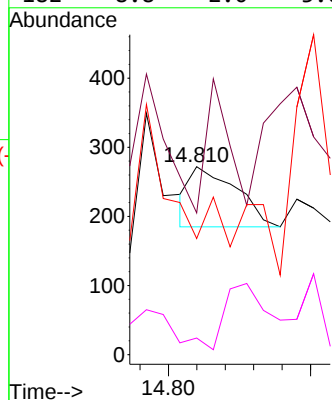
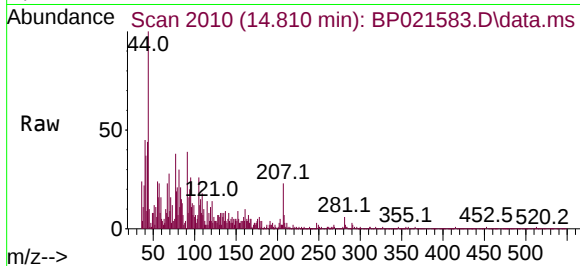




#57
2,4-Dinitrotoluene
Concen: 5.027 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

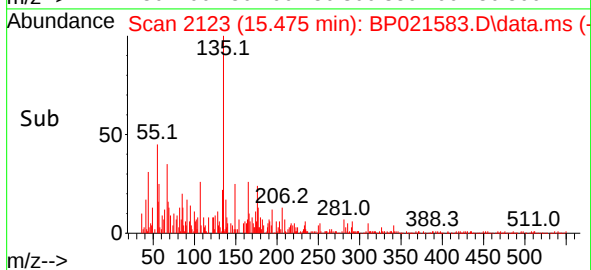
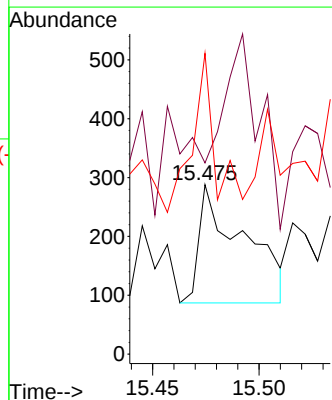
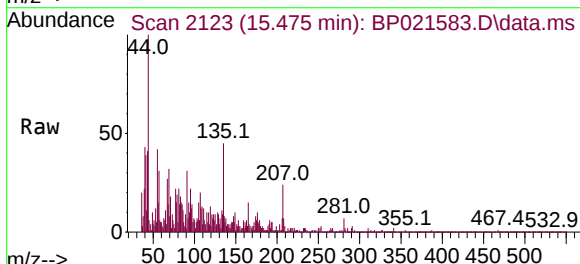
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724RE

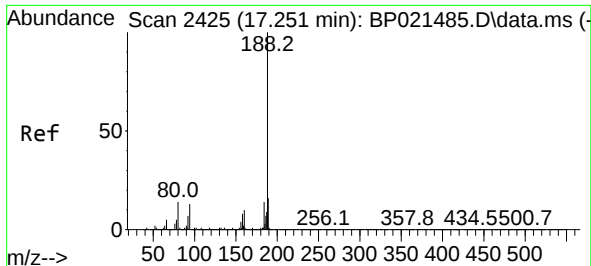
Tgt Ion:165 Resp: 98
Ion Ratio Lower Upper
165 100
63 75.4 42.5 63.7#
89 61.8 77.1 115.7#
182 8.8 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.954 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.053 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion:138 Resp: 293
Ion Ratio Lower Upper
138 100
92 112.8 46.4 86.4#
108 177.4 73.2 113.2#

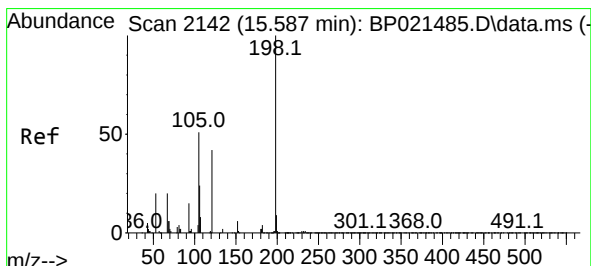
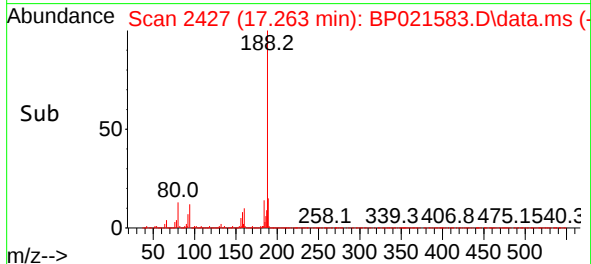
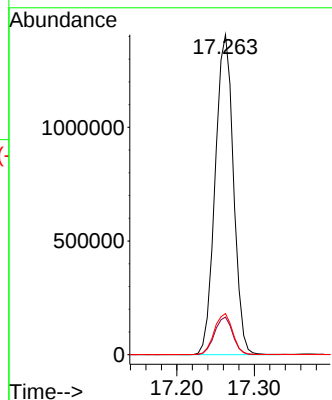
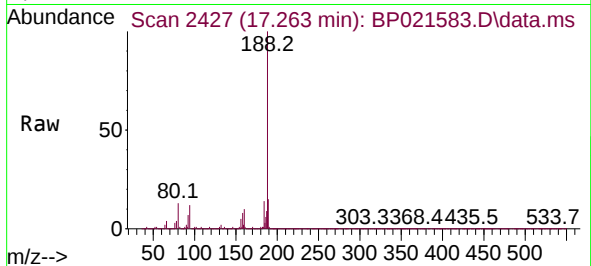




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2425
Delta R.T. 0.011 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

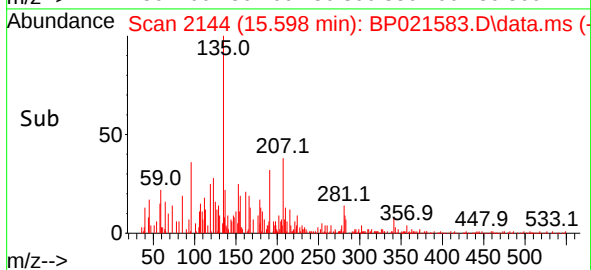
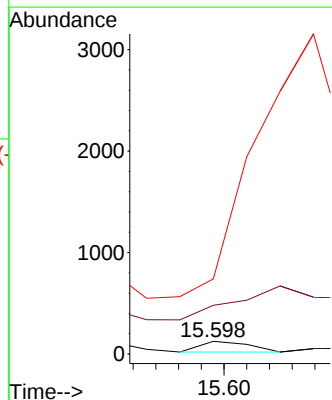
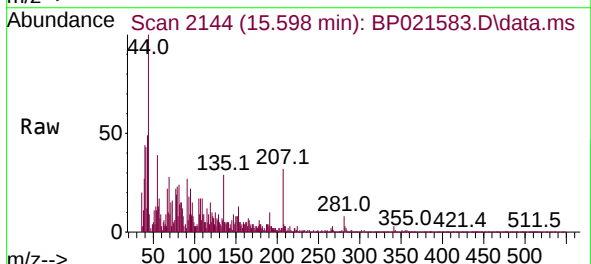
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724RE

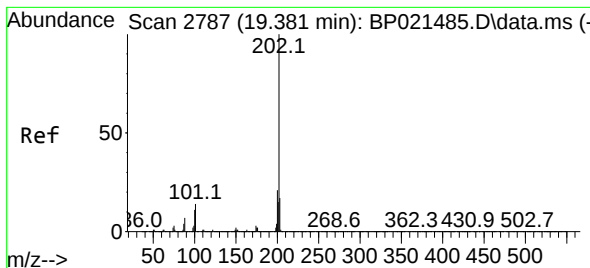
Tgt Ion:188 Resp: 2309247
Ion Ratio Lower Upper
188 100
94 11.7 10.2 15.4
80 12.8 11.6 17.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.618 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.011 min
Lab File: BP021583.D
Acq: 20 Aug 2024 22:27

Tgt Ion:198 Resp: 65
Ion Ratio Lower Upper
198 100
51 386.3 21.5 61.5#
105 596.0 32.9 72.9#





#75

Fluoranthene

Concen: 2.715 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724RE

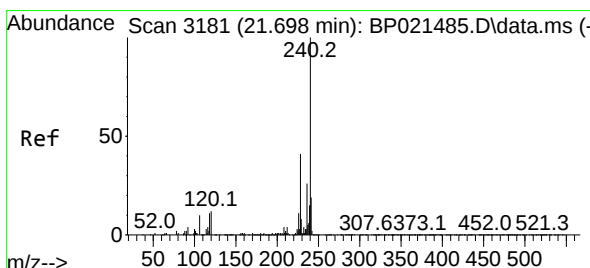
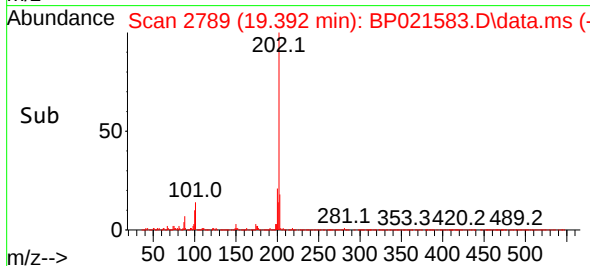
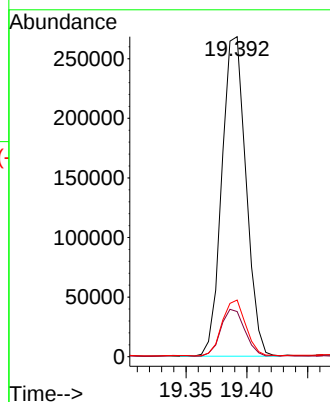
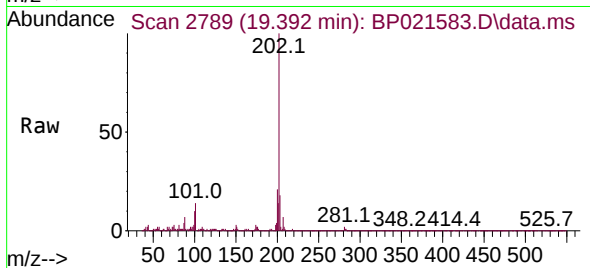
Tgt Ion:202 Resp: 369921

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.0

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3186

Delta R.T. 0.029 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

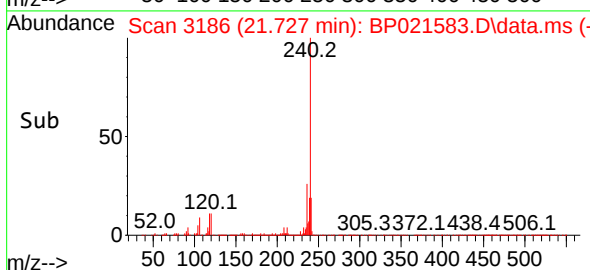
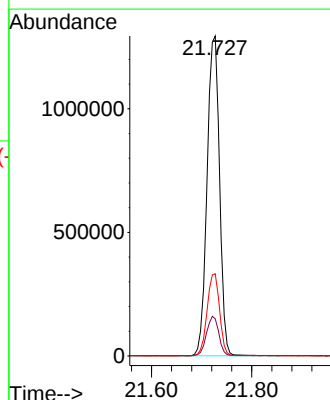
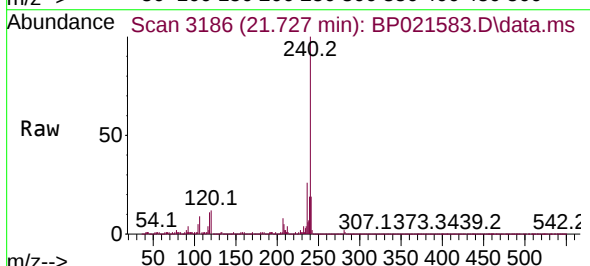
Tgt Ion:240 Resp: 2237746

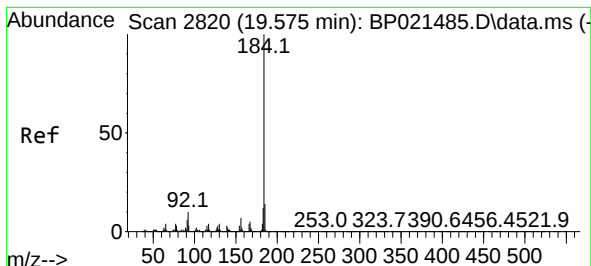
Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.7 20.6 30.8





#77

Benzidine

Concen: 4.576 ng

RT: 19.621 min Scan# 21

Delta R.T. 0.046 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724RE

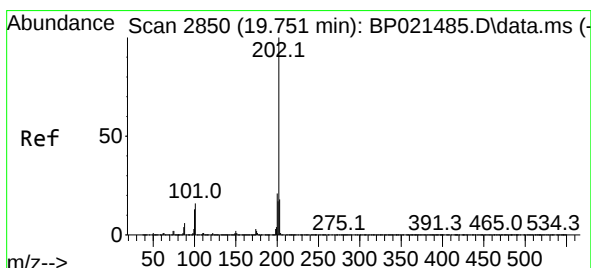
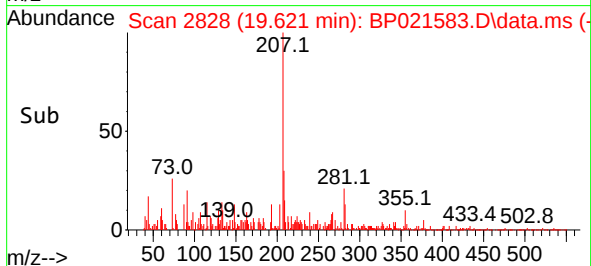
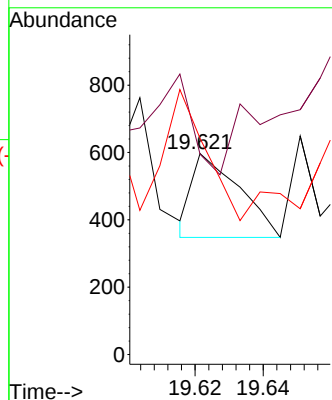
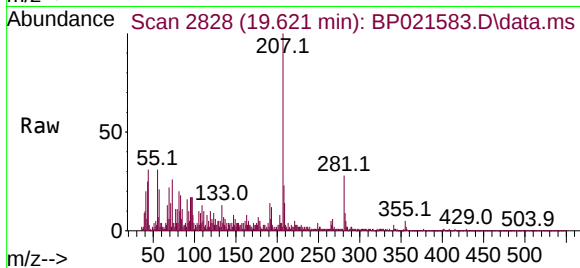
Tgt Ion:184 Resp: 239

Ion Ratio Lower Upper

184 100

185 99.7 11.4 17.0#

183 107.5 9.3 13.9#



#78

Pyrene

Concen: 2.261 ng

RT: 19.763 min Scan# 2852

Delta R.T. 0.011 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

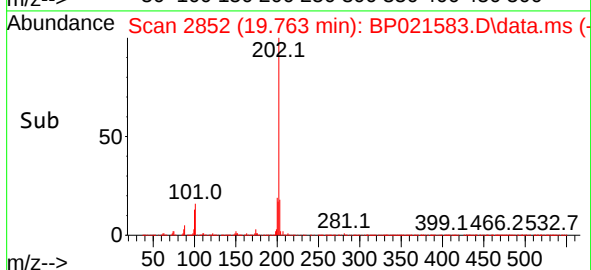
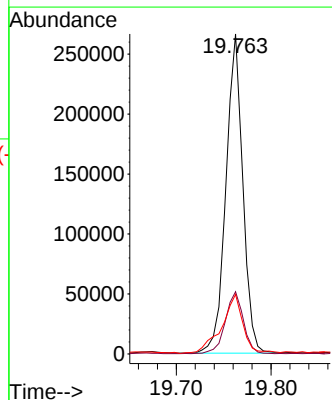
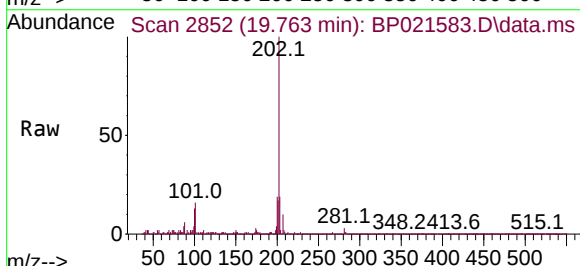
Tgt Ion:202 Resp: 330752

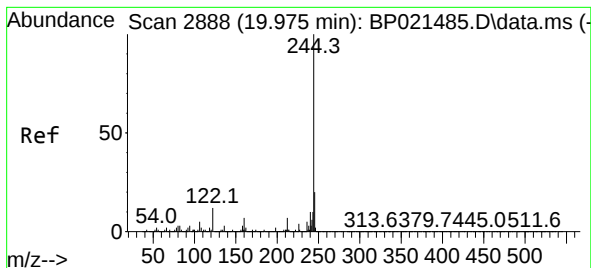
Ion Ratio Lower Upper

202 100

200 19.5 16.7 25.1

203 18.6 14.1 21.1





#79

Terphenyl-d14

Concen: 33.559 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724RE

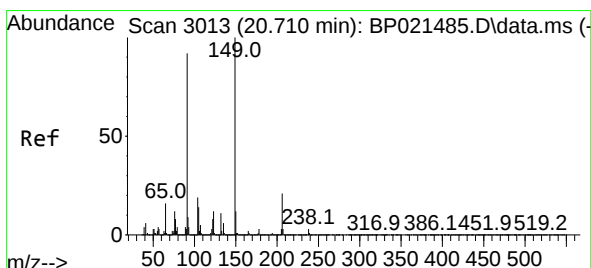
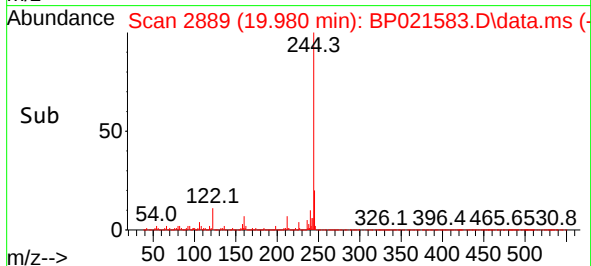
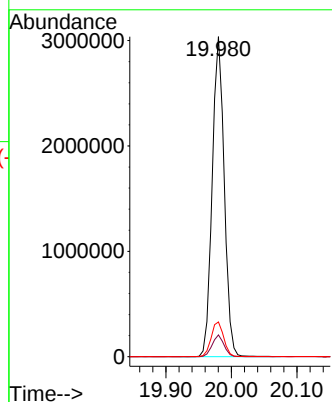
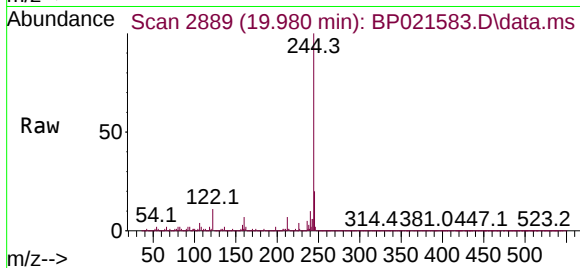
Tgt Ion:244 Resp: 3865473

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.9 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.707 ng

RT: 20.715 min Scan# 3014

Delta R.T. 0.005 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

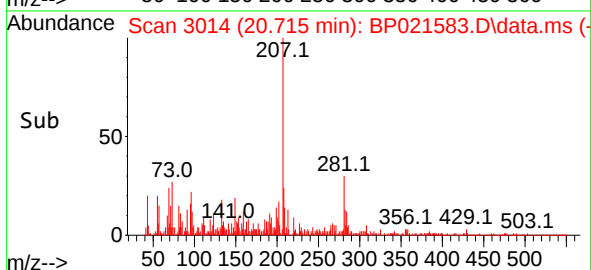
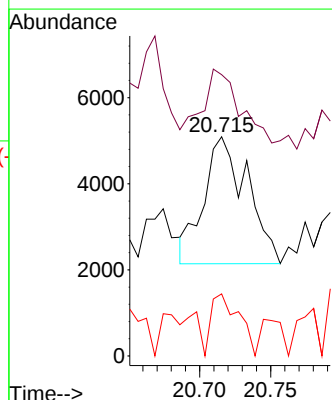
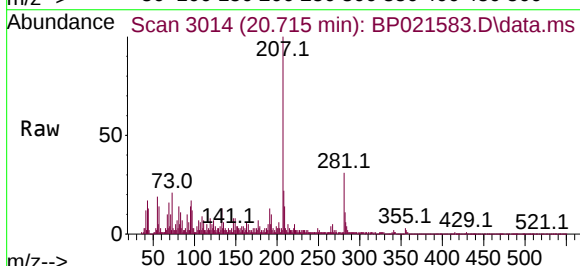
Tgt Ion:149 Resp: 6303

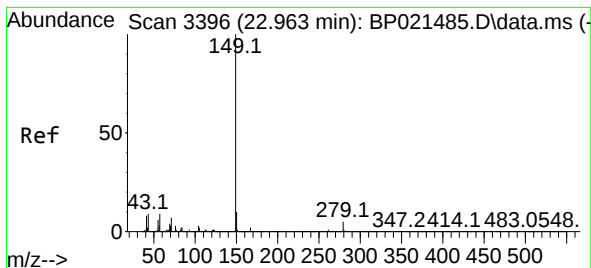
Ion Ratio Lower Upper

149 100

91 128.3 73.3 109.9#

206 28.3 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.846 ng

RT: 23.009 min Scan# 34

Delta R.T. 0.046 min

Lab File: BP021583.D

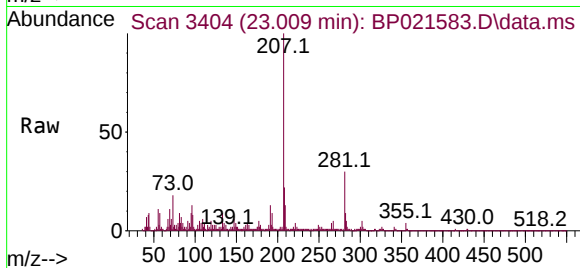
Acq: 20 Aug 2024 22:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724RE



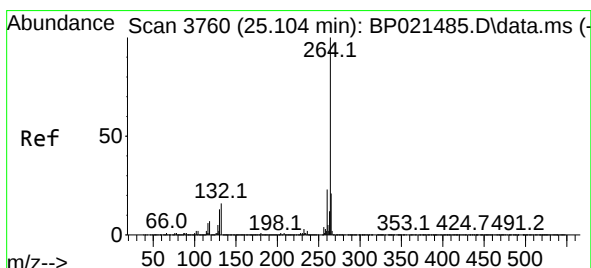
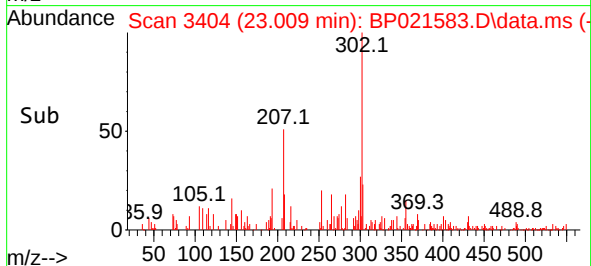
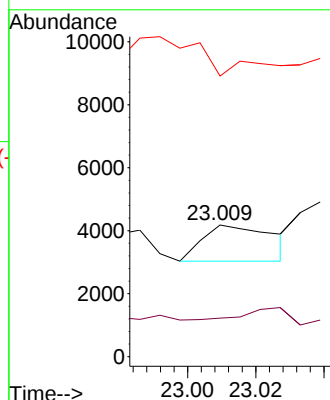
Tgt Ion:149 Resp: 1630

Ion Ratio Lower Upper

149 100

167 33.1 1.3 1.9#

43 0.0 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.156 min Scan# 3769

Delta R.T. 0.053 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

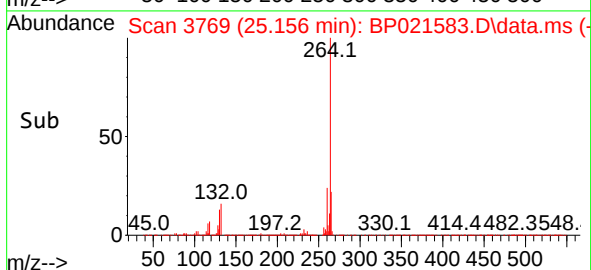
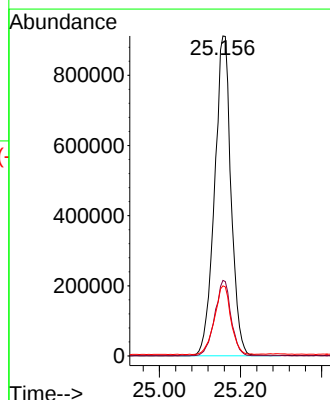
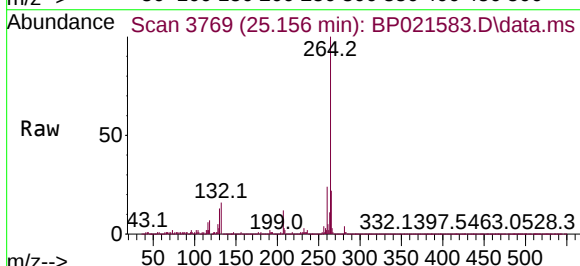
Tgt Ion:264 Resp: 2559388

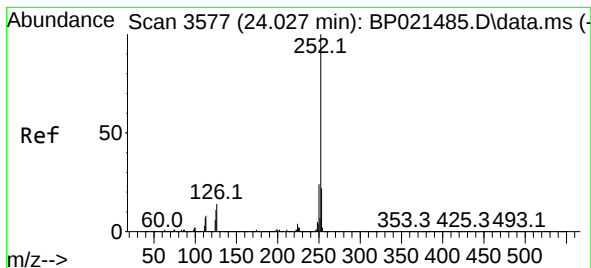
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.9 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.177 ng

RT: 24.074 min Scan# 31

Delta R.T. 0.047 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724RE

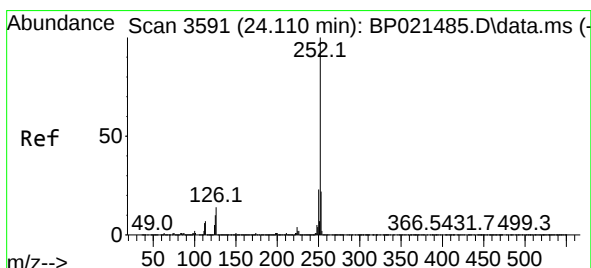
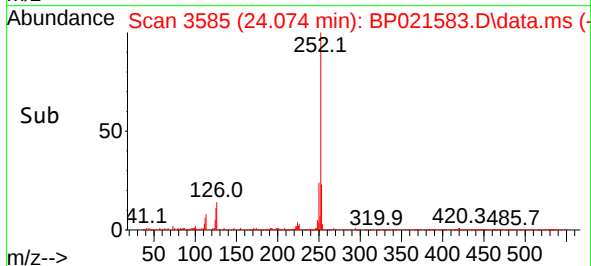
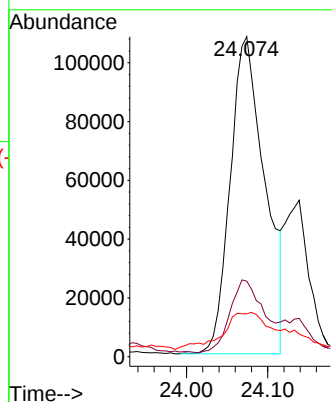
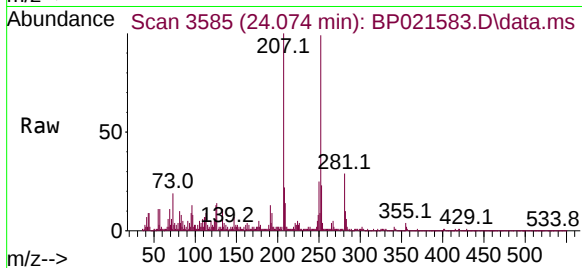
Tgt Ion:252 Resp: 319952

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 13.4 8.6 13.0#



#89

Benzo(k)fluoranthene

Concen: 2.231 ng

RT: 24.074 min Scan# 3585

Delta R.T. -0.036 min

Lab File: BP021583.D

Acq: 20 Aug 2024 22:27

Tgt Ion:252 Resp: 319952

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 13.4 7.8 11.8#

