

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081624\
 Data File : BP021546.D
 Acq On : 16 Aug 2024 19:33
 Operator : RC/JU
 Sample : P3519-13RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-22-080724RE

Quant Time: Aug 17 00:44:15 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)

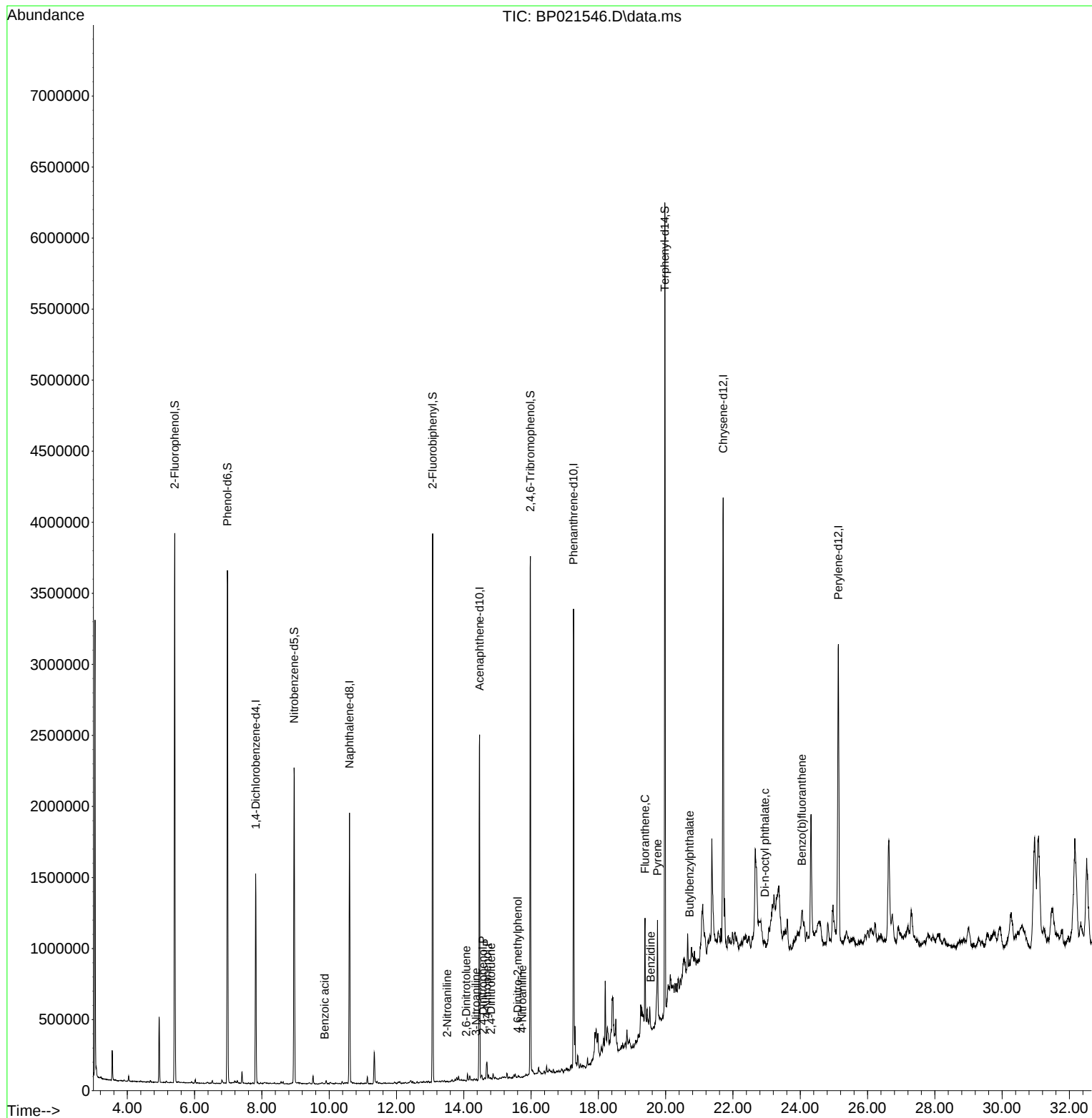
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	404271	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1510773	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	882799	20.000	ng	0.01
64) Phenanthrene-d10	17.263	188	1874665	20.000	ng	0.01
76) Chrysene-d12	21.710	240	1770374	20.000	ng	0.01
86) Perylene-d12	25.133	264	2065937	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1756231	64.505	ng	0.02
7) Phenol-d6	6.975	99	2337085	58.844	ng	0.01
23) Nitrobenzene-d5	8.957	82	1423770	48.643	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	696053	70.844	ng	0.01
45) 2-Fluorobiphenyl	13.075	172	1976380	34.167	ng	0.01
79) Terphenyl-d14	19.974	244	2984938	32.755	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.698	139	85	Below Cal	#	1
32) Benzoic acid	9.869	122	286	3.355	ng	# 47
48) 2-Nitroaniline	13.510	65	215	5.161	ng	# 51
51) 2,6-Dinitrotoluene	14.075	165	435	4.019	ng	# 91
53) 3-Nitroaniline	14.363	138	243	3.988	ng	# 33
54) 2,4-Dinitrophenol	14.569	184	92	2.473	ng	# 1
56) 4-Nitrophenol	14.692	139	755	5.151	ng	# 1
57) 2,4-Dinitrotoluene	14.810	165	73	5.027	ng	# 63
62) 4-Nitroaniline	15.739	138	696	2.989	ng	# 92
65) 4,6-Dinitro-2-methylph...	15.604	198	13	4.609	ng	# 1
75) Fluoranthene	19.386	202	440177	3.979	ng	# 99
77) Benzidine	19.557	184	684	4.585	ng	# 1
78) Pyrene	19.757	202	386093	3.337	ng	# 98
80) Butylbenzylphthalate	20.710	149	2324	3.651	ng	# 41
85) Di-n-octyl phthalate	22.951	149	1146	4.845	ng	# 1
88) Benzo(b)fluoranthene	24.051	252	307741	2.594	ng	# 92

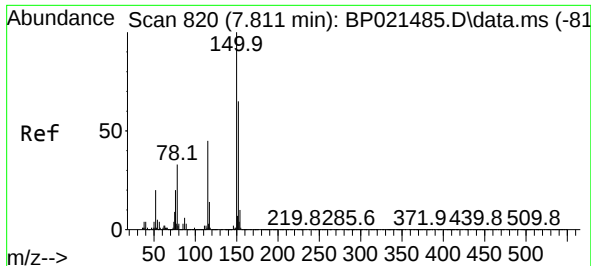
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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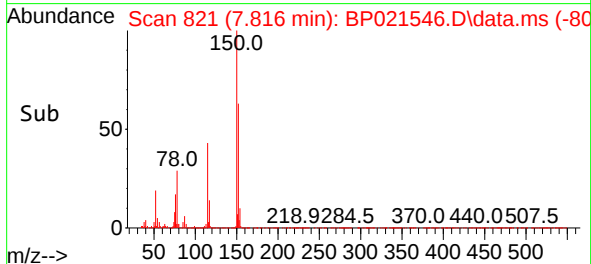
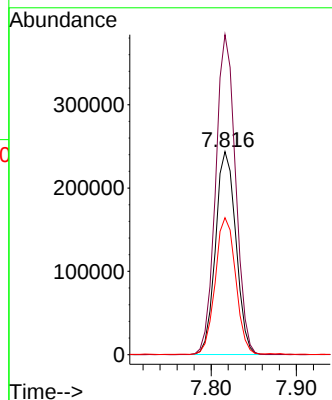
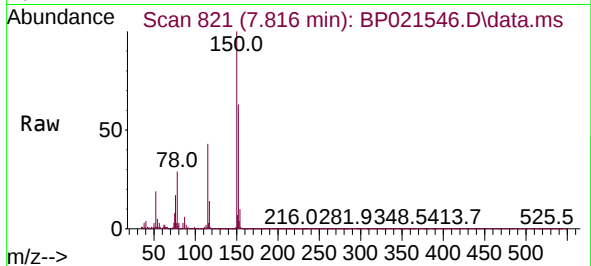




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

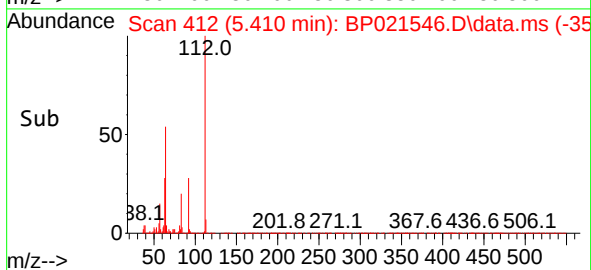
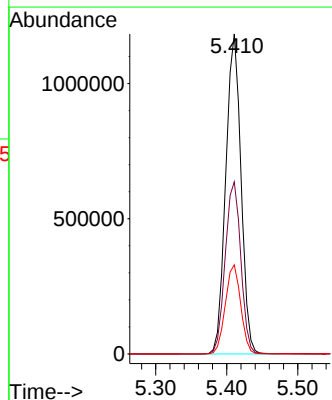
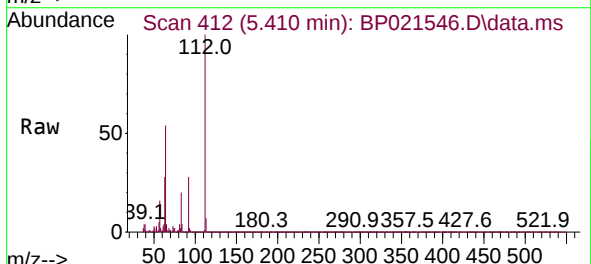
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE

Tgt Ion:152 Resp: 404271
Ion Ratio Lower Upper
152 100
150 157.6 122.4 183.6
115 67.5 54.7 82.1



#5
2-Fluorophenol
Concen: 64.505 ng
RT: 5.410 min Scan# 412
Delta R.T. 0.017 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion:112 Resp: 1756231
Ion Ratio Lower Upper
112 100
64 53.8 49.0 73.6
63 27.9 24.6 36.8





#7

Phenol-d6

Concen: 58.844 ng

RT: 6.975 min Scan# 6

Delta R.T. 0.012 min

Lab File: BP021546.D

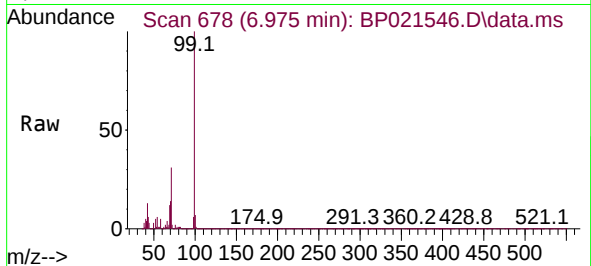
Acq: 16 Aug 2024 19:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-22-080724RE



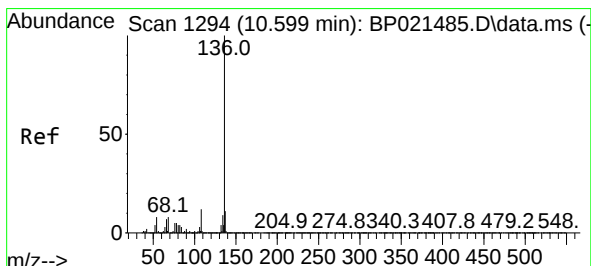
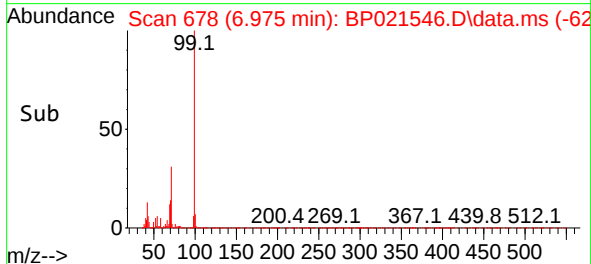
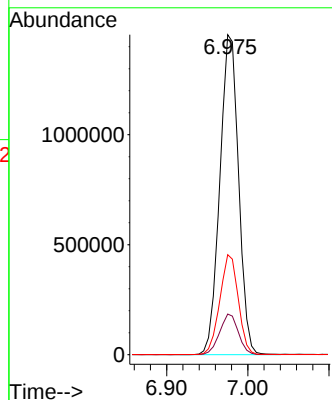
Tgt Ion: 99 Resp: 2337085

Ion	Ratio	Lower	Upper
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99	100		
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42	12.7	10.2	15.4
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71	31.3	25.8	38.8
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1295

Delta R.T. 0.005 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

Tgt Ion:136 Resp: 1510773

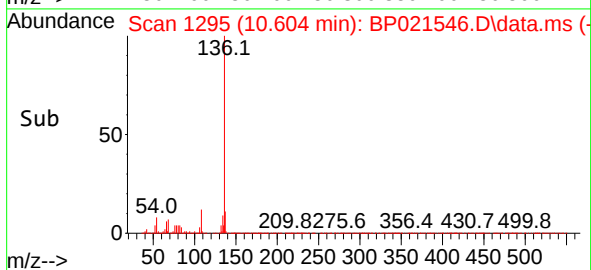
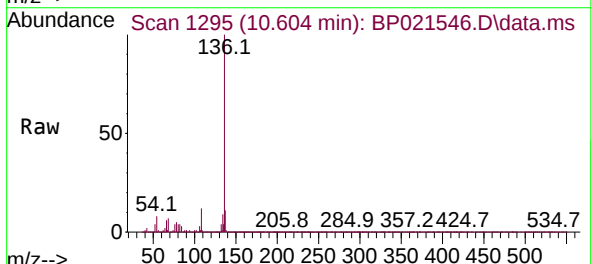
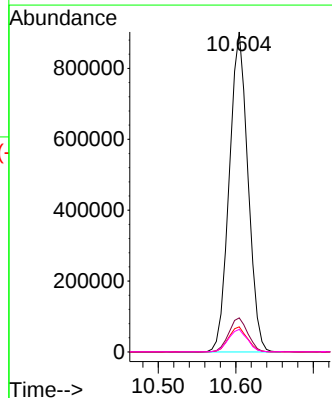
Ion	Ratio	Lower	Upper
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136	100		
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137	10.6	8.8	13.2
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54	7.8	6.3	9.5
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68	7.0	6.8	10.2
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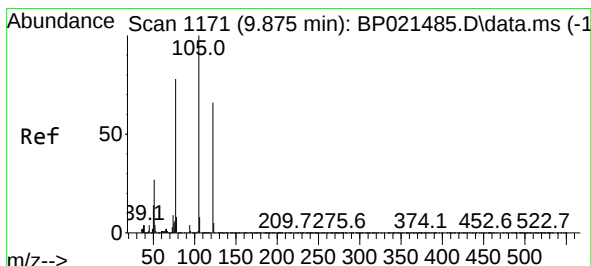
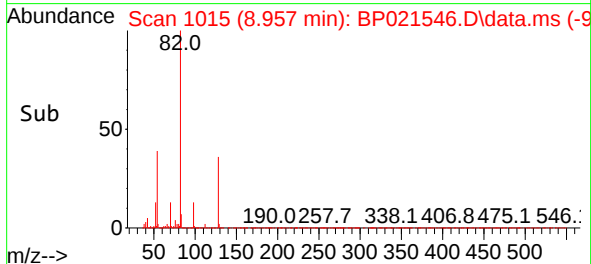
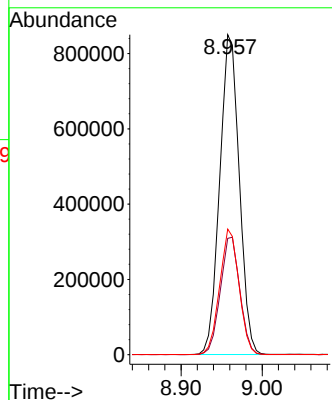
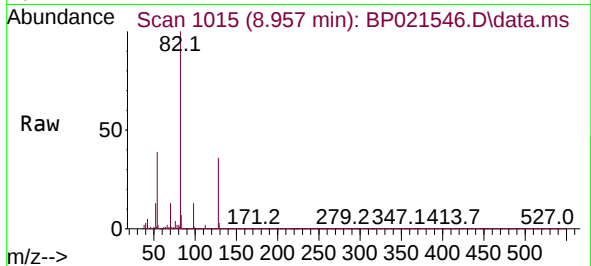




#23
Nitrobenzene-d5
Concen: 48.643 ng
RT: 8.957 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

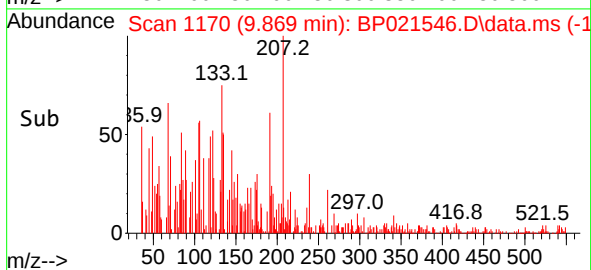
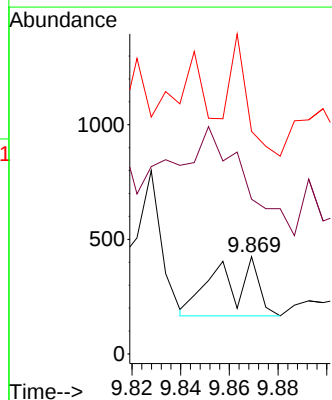
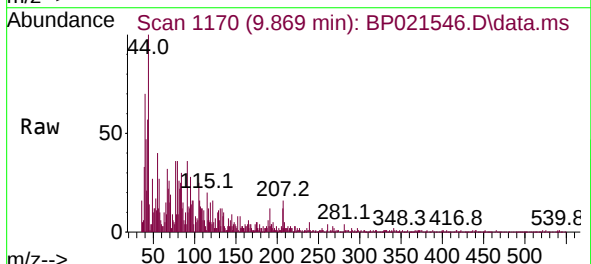
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE

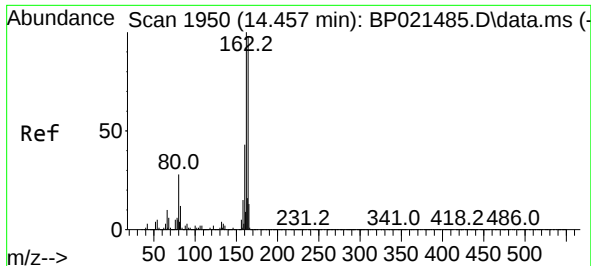
Tgt Ion: 82 Resp: 1423770
Ion Ratio Lower Upper
82 100
128 36.3 26.5 39.7
54 39.3 30.3 45.5



#32
Benzoic acid
Concen: 3.355 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion: 122 Resp: 286
Ion Ratio Lower Upper
122 100
105 159.2 124.6 164.6
77 229.0 96.2 136.2#

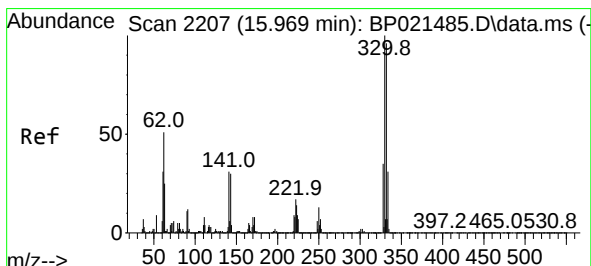
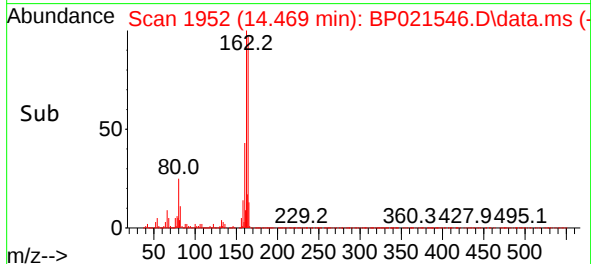
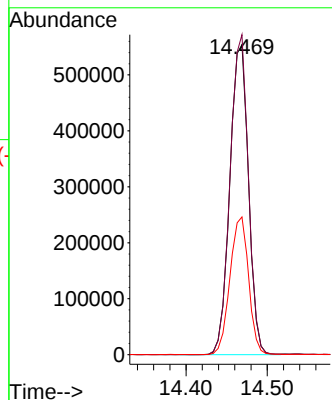
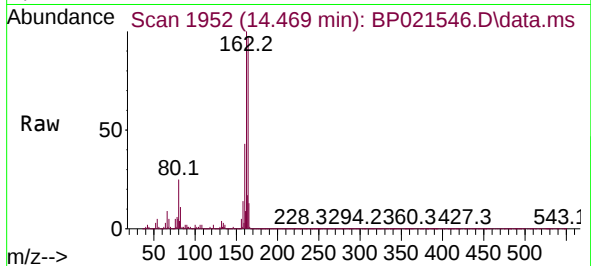




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

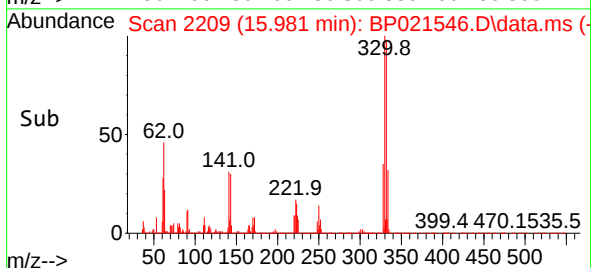
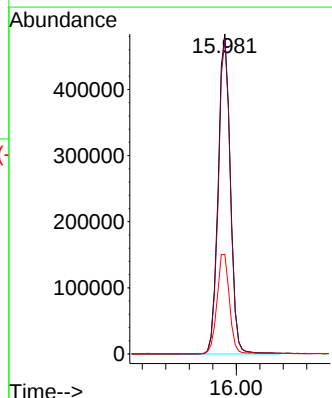
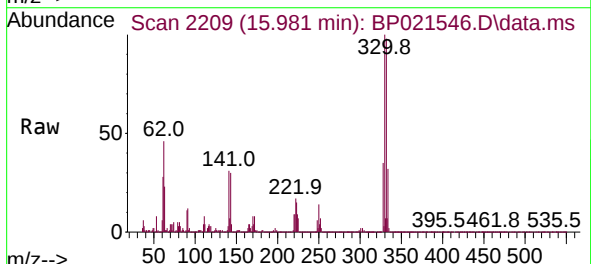
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE

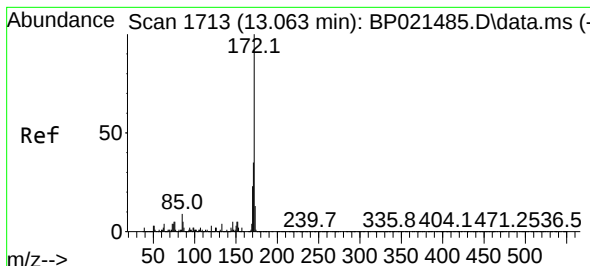
Tgt Ion:164 Resp: 882799
Ion Ratio Lower Upper
164 100
162 103.2 81.5 122.3
160 44.4 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 70.844 ng
RT: 15.981 min Scan# 2209
Delta R.T. 0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion:330 Resp: 696053
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 31.6 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 34.167 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP021546.D

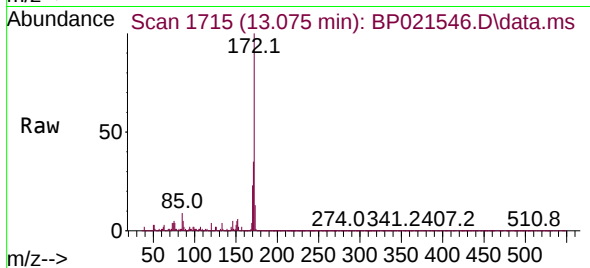
Acq: 16 Aug 2024 19:33

Instrument :

BNA_P

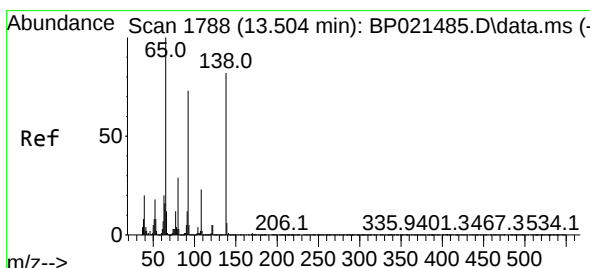
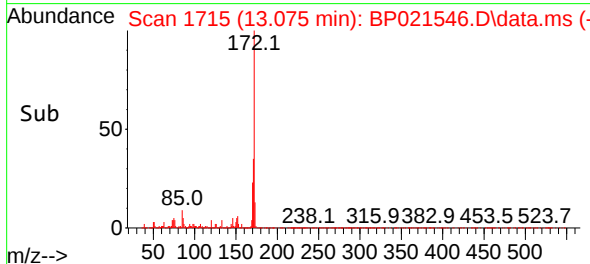
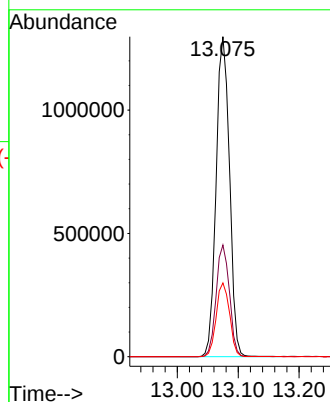
ClientSampleId :

OU4-TS-22-080724RE



Tgt Ion:172 Resp: 1976380

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	23.1	18.4	27.6



#48

2-Nitroaniline

Concen: 5.161 ng

RT: 13.510 min Scan# 1789

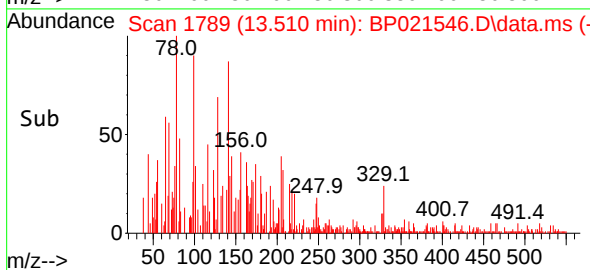
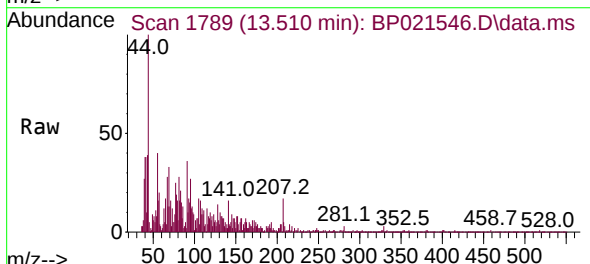
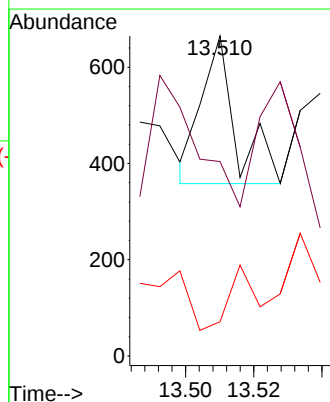
Delta R.T. 0.006 min

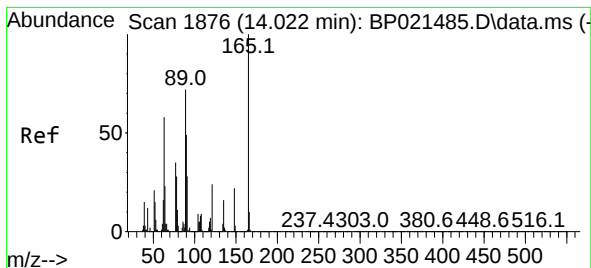
Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

Tgt Ion: 65 Resp: 215

Ion	Ratio	Lower	Upper
65	100		
92	60.8	58.1	87.1
138	10.7	65.5	98.3





#51

2,6-Dinitrotoluene

Concen: 4.019 ng

RT: 14.075 min Scan# 1885

Delta R.T. 0.053 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-22-080724RE

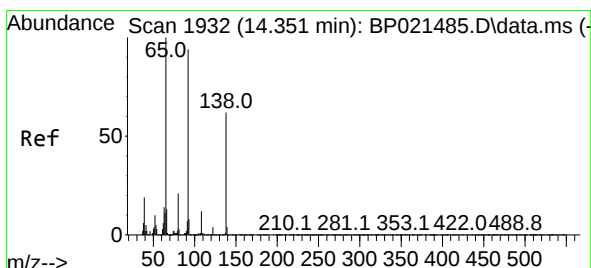
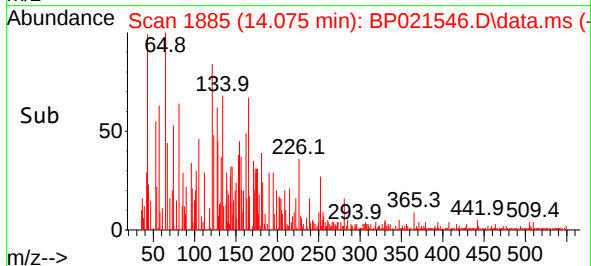
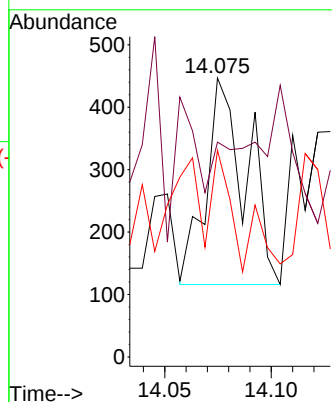
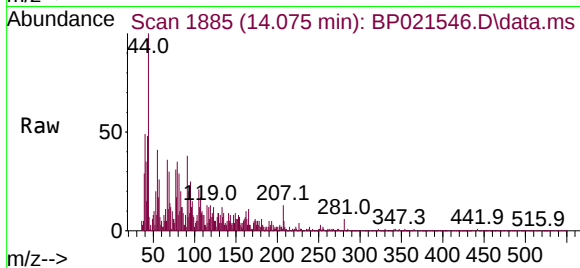
Tgt Ion:165 Resp: 435

Ion Ratio Lower Upper

165 100

63 77.0 51.5 77.3

89 74.0 57.8 86.8



#53

3-Nitroaniline

Concen: 3.988 ng

RT: 14.363 min Scan# 1934

Delta R.T. 0.012 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

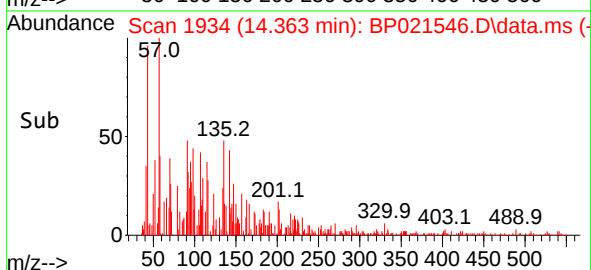
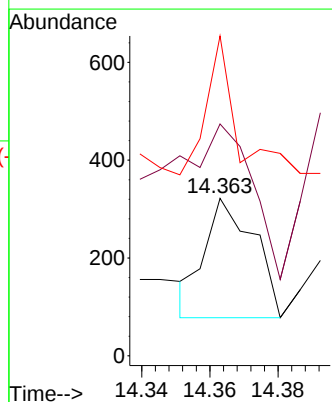
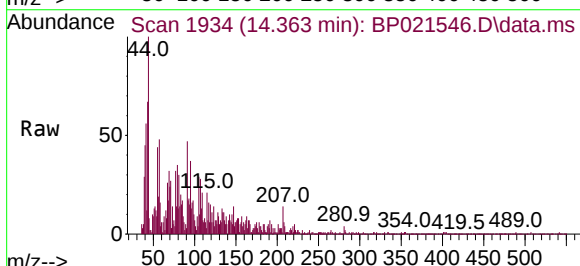
Tgt Ion:138 Resp: 243

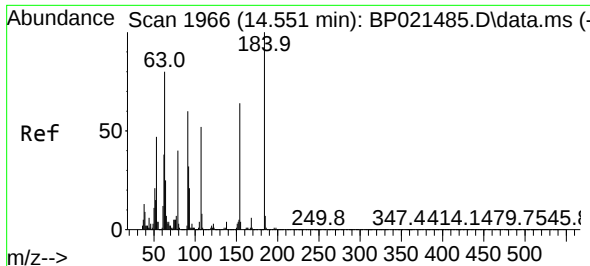
Ion Ratio Lower Upper

138 100

108 147.2 16.2 24.4#

92 203.1 122.2 183.4#

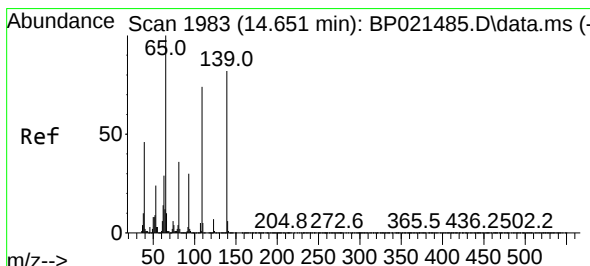
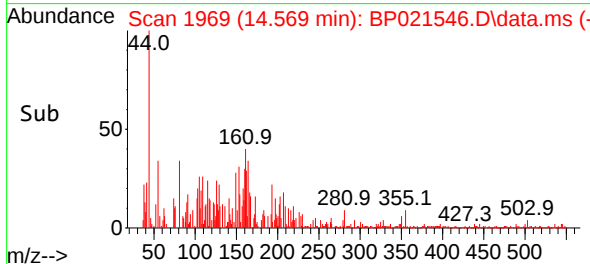
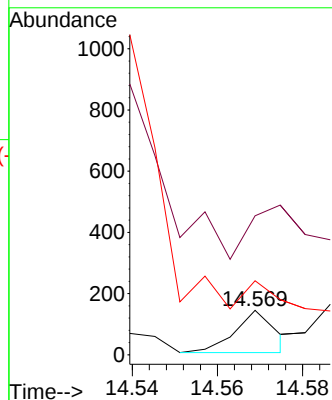
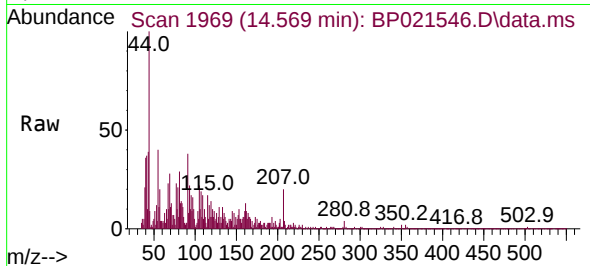




#54
2,4-Dinitrophenol
Concen: 2.473 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.018 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

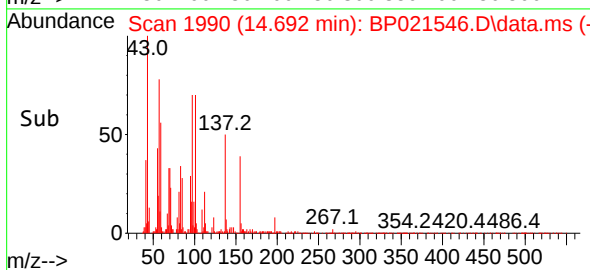
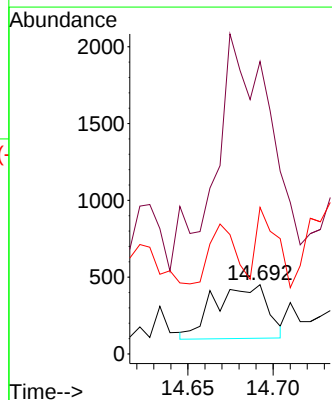
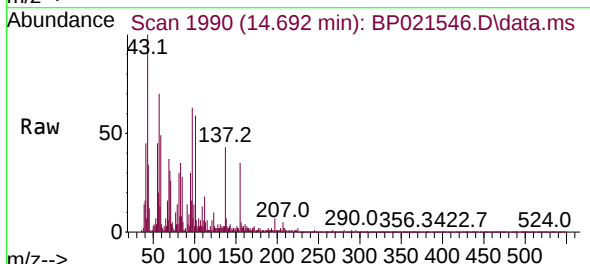
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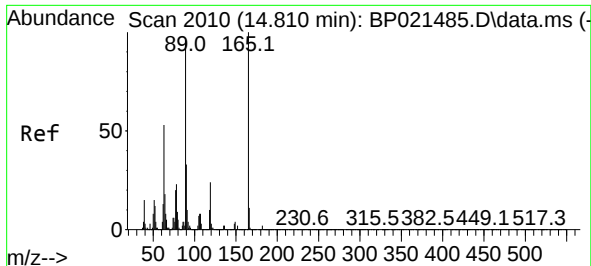
Tgt Ion:184 Resp: 92
Ion Ratio Lower Upper
184 100
63 313.1 64.9 97.3#
154 166.9 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.151 ng
RT: 14.692 min Scan# 1990
Delta R.T. 0.041 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion:139 Resp: 755
Ion Ratio Lower Upper
139 100
109 422.2 70.2 110.2#
65 211.5 101.8 141.8#

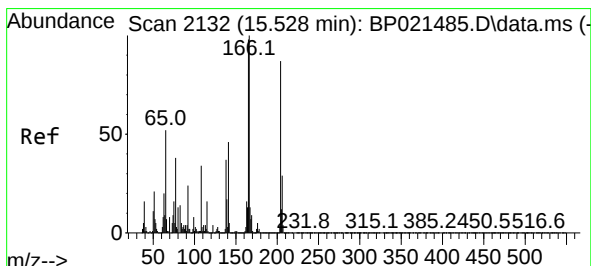
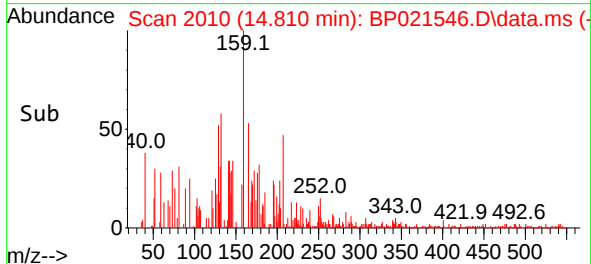
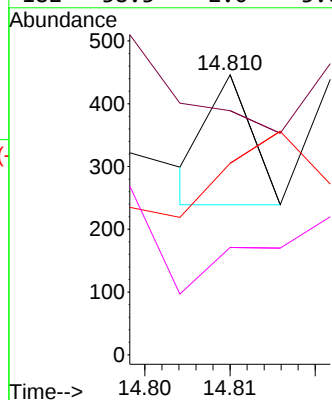
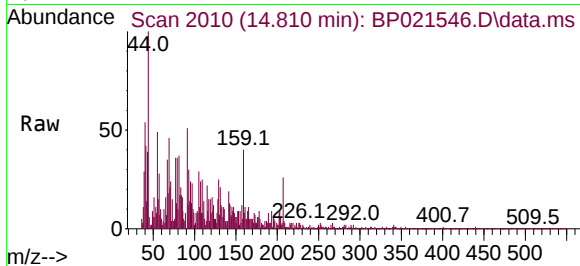




#57
2,4-Dinitrotoluene
Concen: 5.027 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

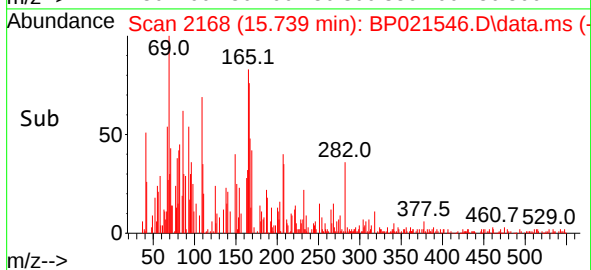
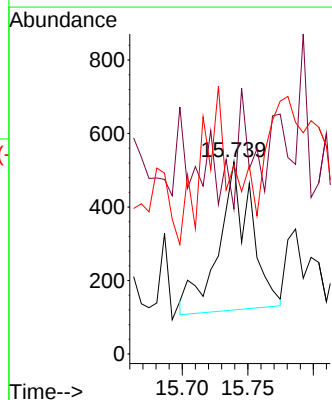
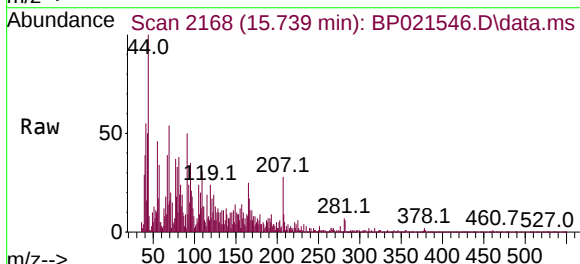
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE

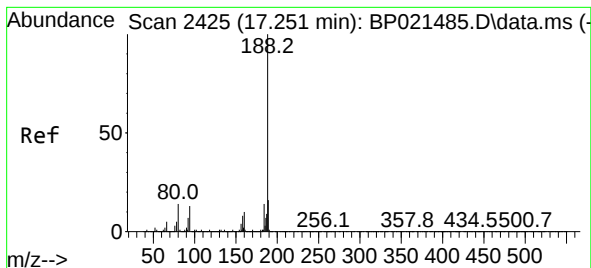
Tgt Ion:165 Resp: 73
Ion Ratio Lower Upper
165 100
63 87.2 42.5 63.7#
89 68.4 77.1 115.7#
182 38.3 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.989 ng
RT: 15.739 min Scan# 2168
Delta R.T. 0.211 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion:138 Resp: 696
Ion Ratio Lower Upper
138 100
92 75.5 46.4 86.4
108 98.3 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: BP021546.D

Acq: 16 Aug 2024 19:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-22-080724RE

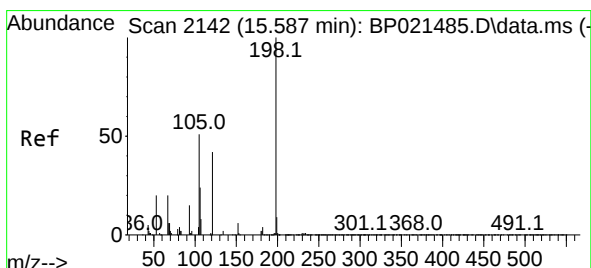
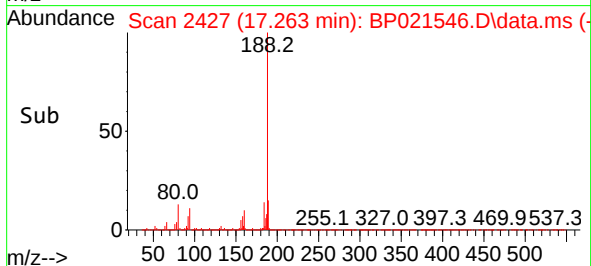
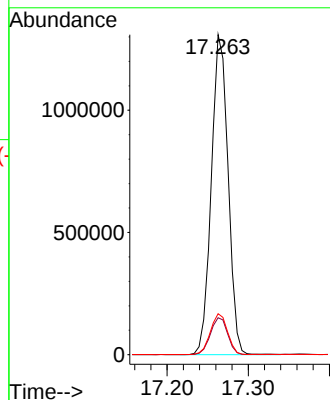
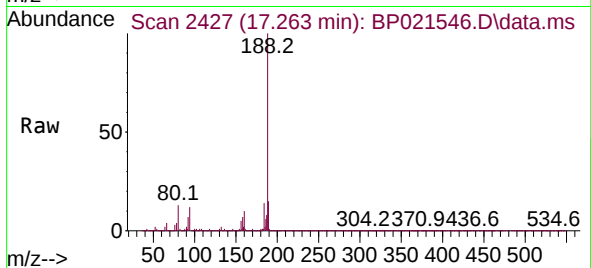
Tgt Ion:188 Resp: 1874665

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.4

80 12.8 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.609 ng

RT: 15.604 min Scan# 2145

Delta R.T. 0.017 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

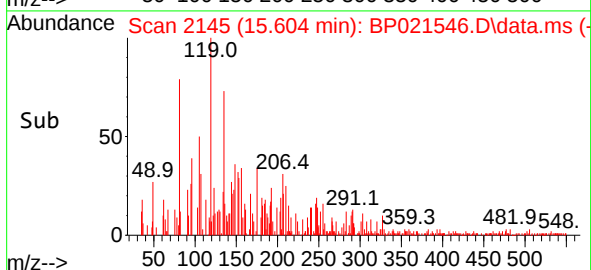
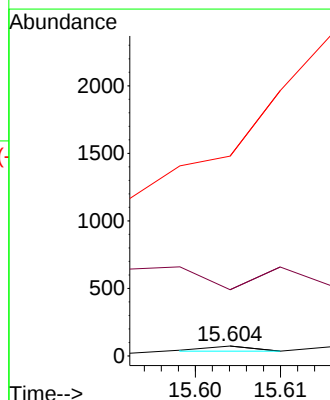
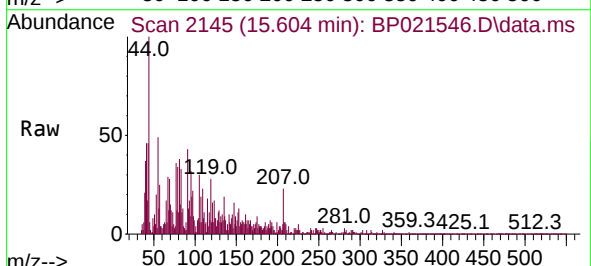
Tgt Ion:198 Resp: 13

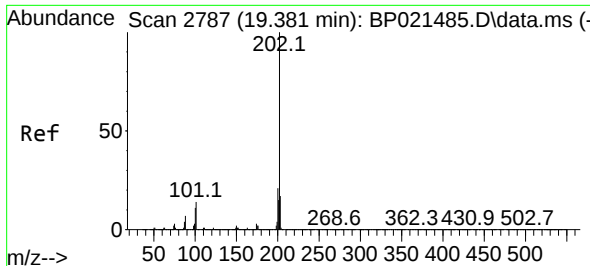
Ion Ratio Lower Upper

198 100

51 671.2 21.5 61.5#

105 2027.4 32.9 72.9#

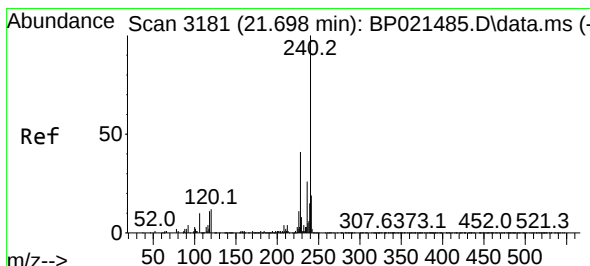
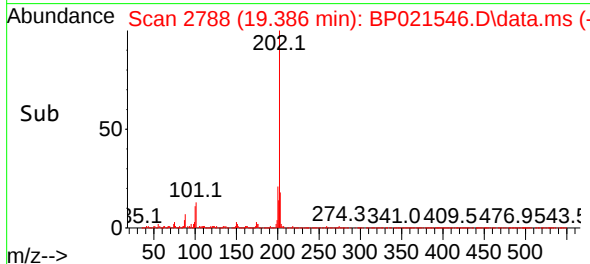
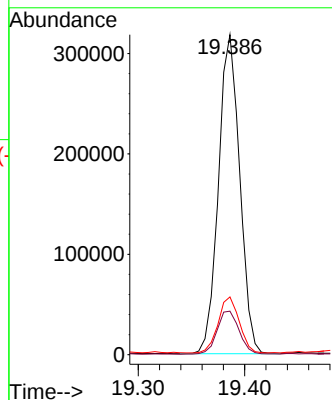
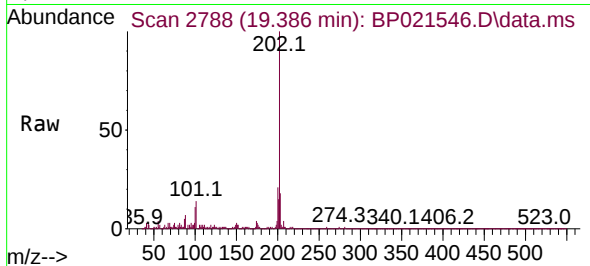




#75
Fluoranthene
Concen: 3.979 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

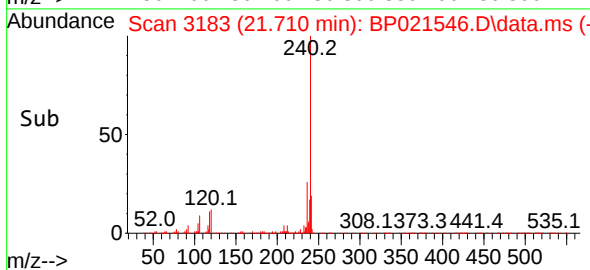
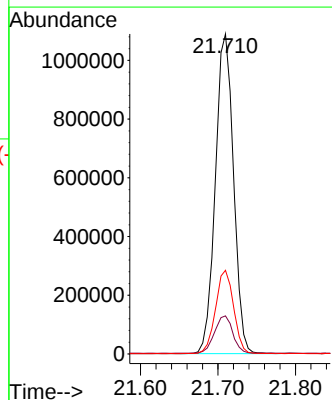
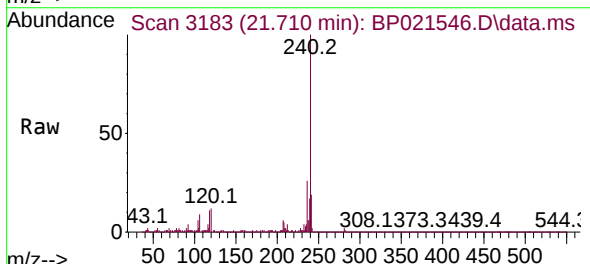
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE

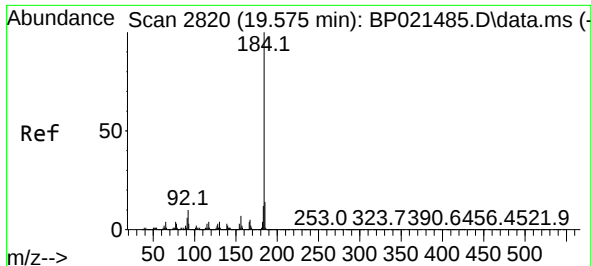
Tgt Ion:202 Resp: 440177
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.0
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion:240 Resp: 1770374
Ion Ratio Lower Upper
240 100
120 11.9 9.9 14.9
236 26.1 20.6 30.8

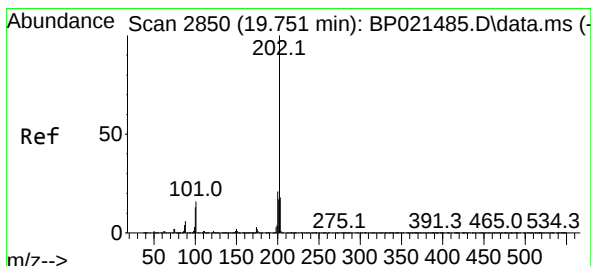
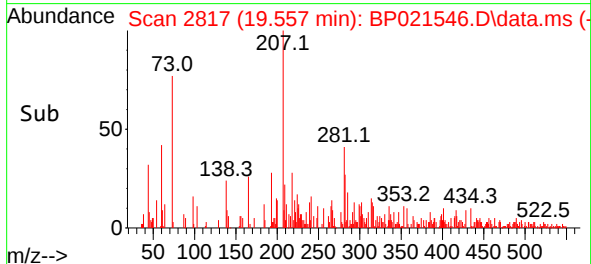
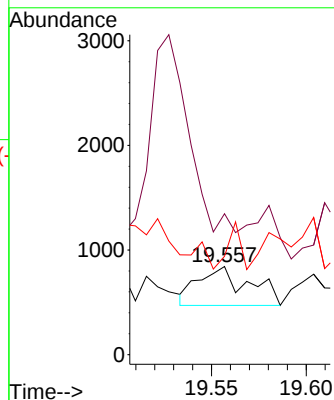
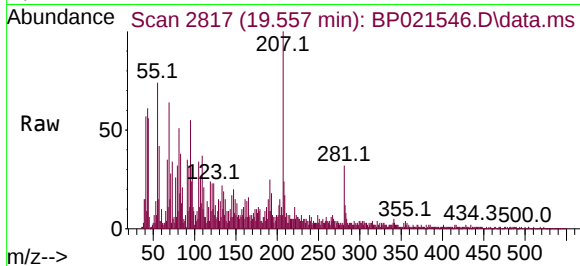




#77
Benzidine
Concen: 4.585 ng
RT: 19.557 min Scan# 2817
Delta R.T. -0.018 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

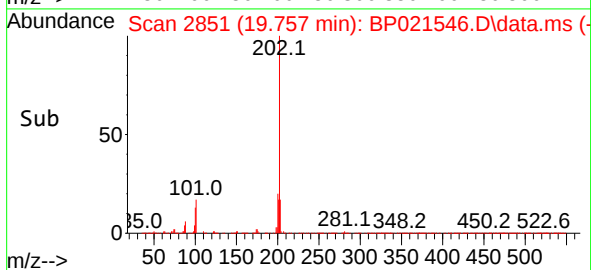
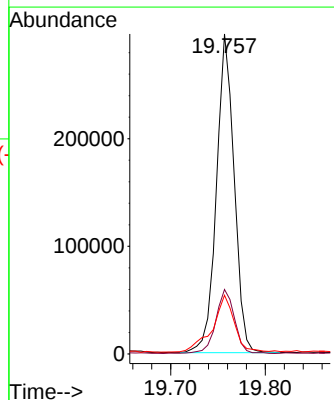
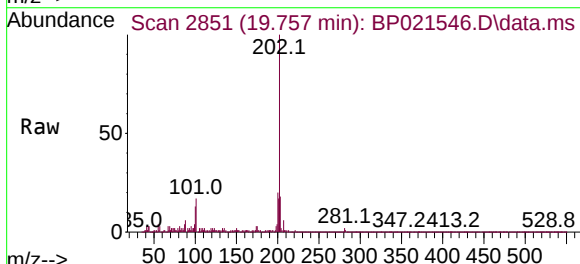
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE

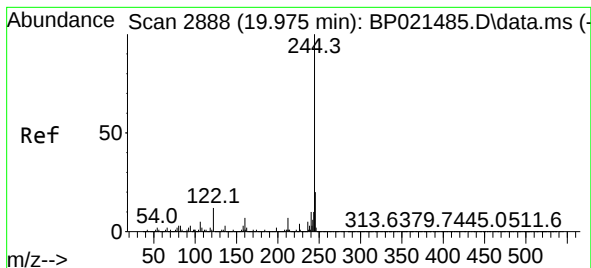
Tgt Ion:184 Resp: 684
Ion Ratio Lower Upper
184 100
185 159.8 11.4 17.0#
183 111.5 9.3 13.9#



#78
Pyrene
Concen: 3.337 ng
RT: 19.757 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion:202 Resp: 386093
Ion Ratio Lower Upper
202 100
200 20.1 16.7 25.1
203 18.4 14.1 21.1





#79

Terphenyl-d14

Concen: 32.755 ng

RT: 19.974 min Scan# 2888

Delta R.T. -0.001 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-22-080724RE

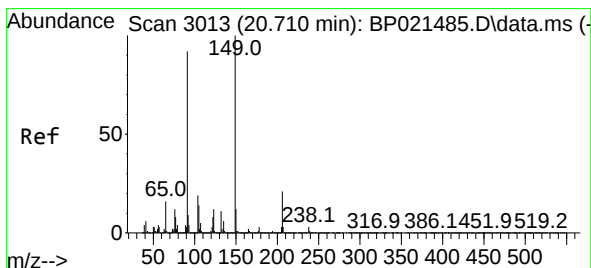
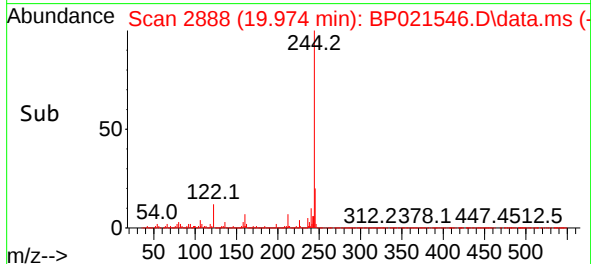
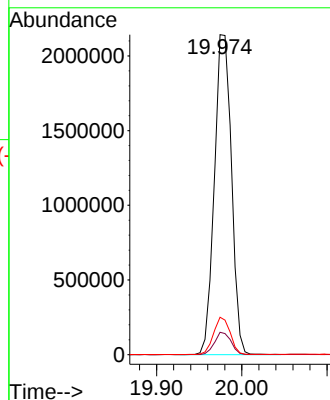
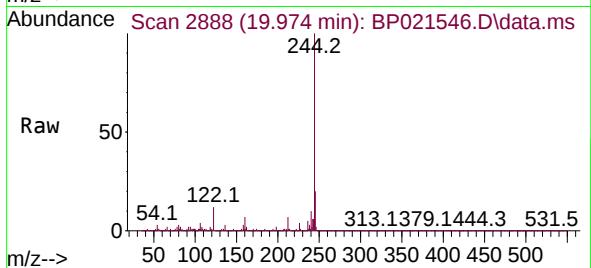
Tgt Ion:244 Resp: 2984938

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.651 ng

RT: 20.710 min Scan# 3013

Delta R.T. -0.000 min

Lab File: BP021546.D

Acq: 16 Aug 2024 19:33

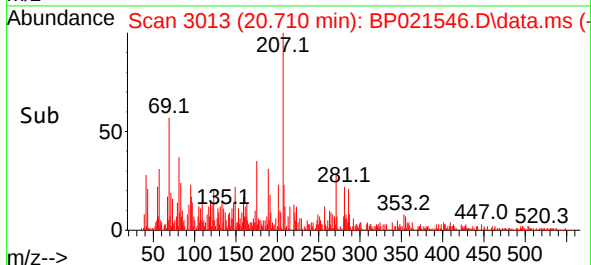
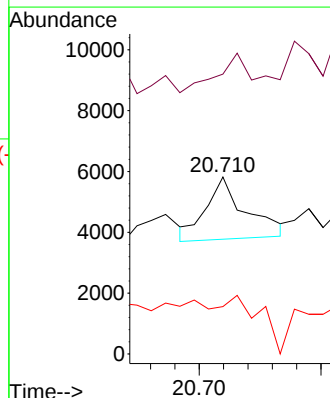
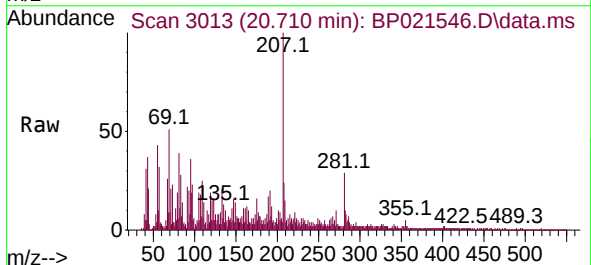
Tgt Ion:149 Resp: 2324

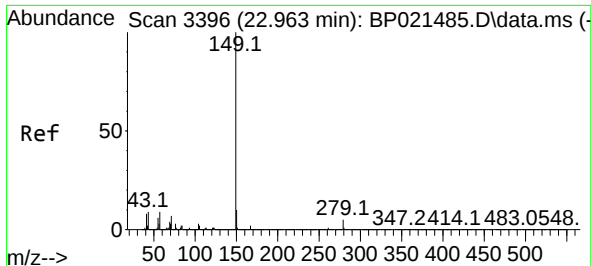
Ion Ratio Lower Upper

149 100

91 158.2 73.3 109.9#

206 26.7 17.1 25.7#

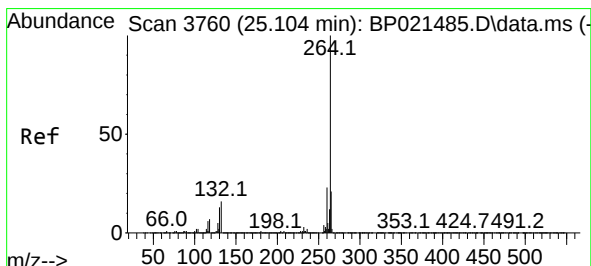
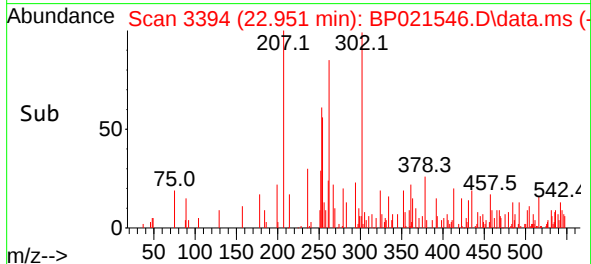
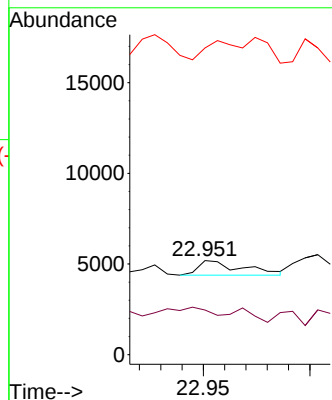
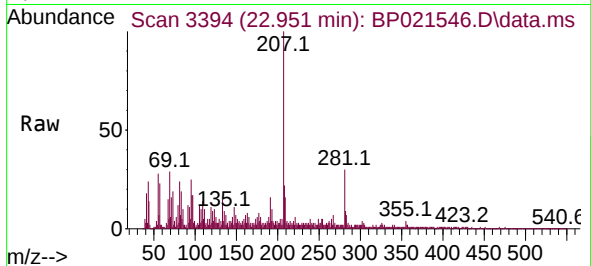




#85
Di-n-octyl phthalate
Concen: 4.845 ng
RT: 22.951 min Scan# 311
Delta R.T. -0.012 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

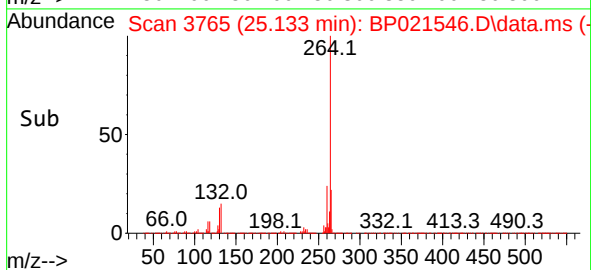
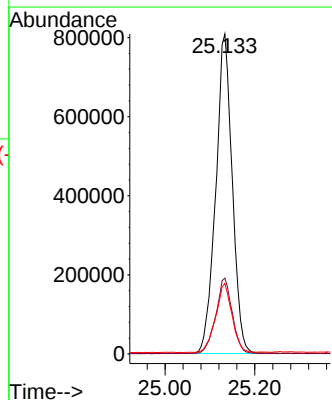
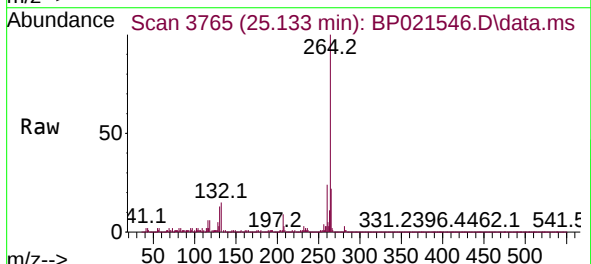
Instrument :
BNA_P
ClientSampleId :
OU4-TS-22-080724RE

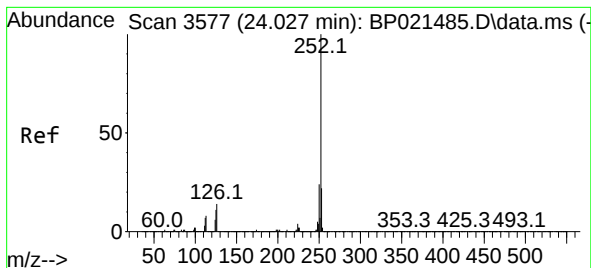
Tgt Ion:149 Resp: 1146
Ion Ratio Lower Upper
149 100
167 52.7 1.3 1.9#
43 99.1 7.3 10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.133 min Scan# 3765
Delta R.T. 0.029 min
Lab File: BP021546.D
Acq: 16 Aug 2024 19:33

Tgt Ion:264 Resp: 2065937
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.0 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.594 ng

RT: 24.051 min Scan# 3

Delta R.T. 0.023 min

Lab File: BP021546.D

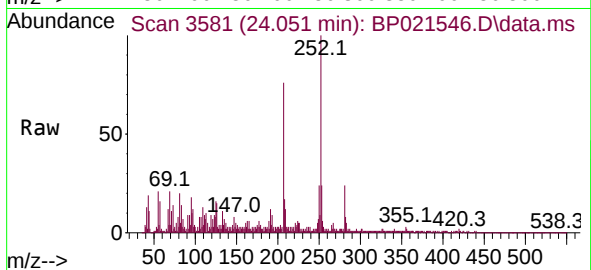
Acq: 16 Aug 2024 19:33

Instrument :

BNA_P

ClientSampleId :

OU4-TS-22-080724RE



Tgt Ion:252 Resp: 307741

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

125 16.0 8.6 13.0#

