

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011821.D
 Acq On : 27 Sep 2022 18:20
 Operator : CG/JU
 Sample : N4833-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 004-2

Quant Time: Sep 28 02:09:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

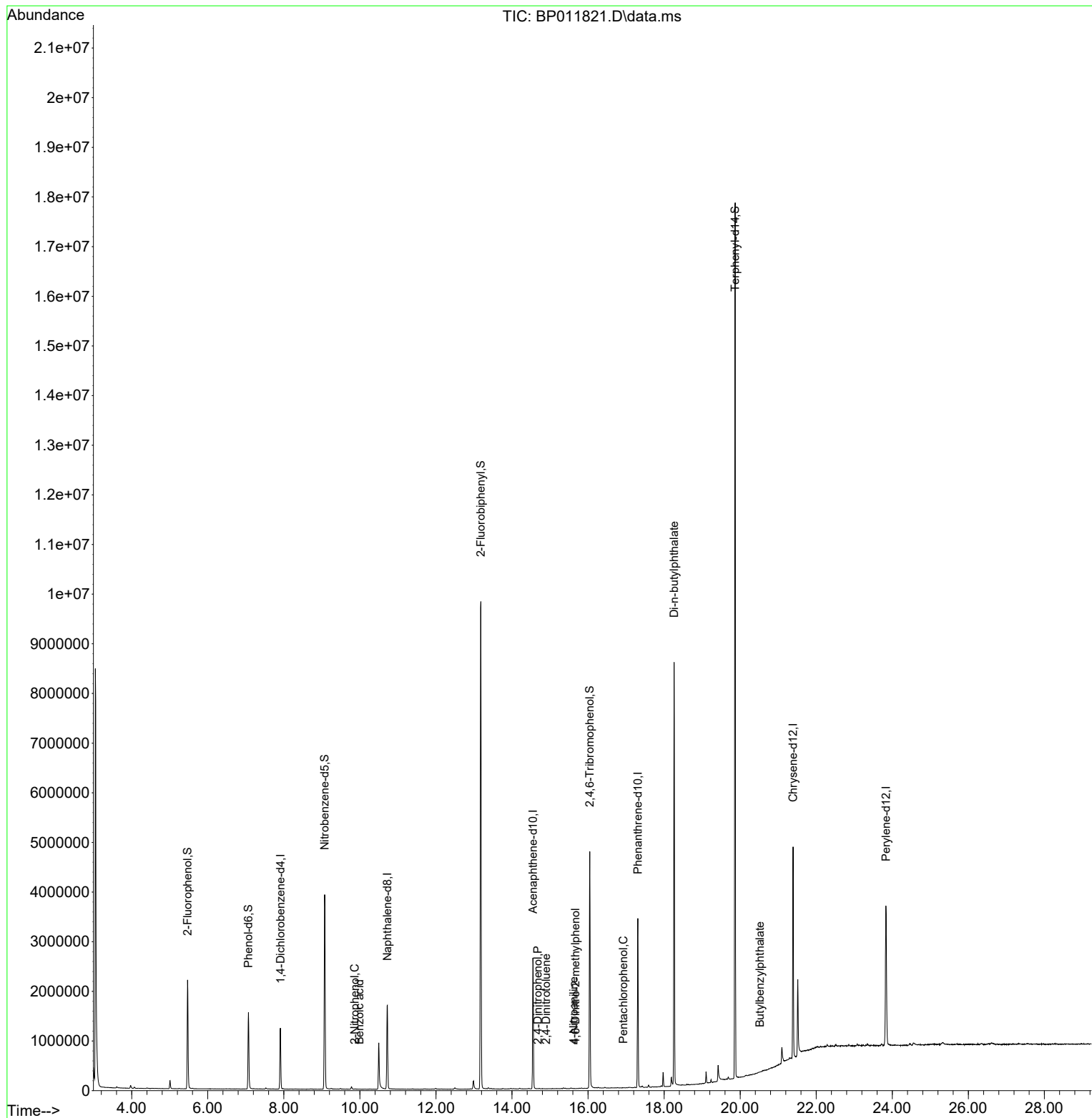
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	350172	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1479028	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	905881	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1951721	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1918661	20.000	ng	0.00
86) Perylene-d12	23.833	264	1975757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1043958	52.309	ng	0.00
7) Phenol-d6	7.069	99	953465	32.311	ng	0.00
23) Nitrobenzene-d5	9.075	82	2291350	81.087	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	679062	111.327	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5137768	89.690	ng	0.00
79) Terphenyl-d14	19.869	244	8098195	97.049	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.863	139	18	3.333	ng	# 1
32) Benzoic acid	9.987	122	31	6.760	ng	# 1
54) 2,4-Dinitrophenol	14.675	184	20	6.729	ng	# 1
57) 2,4-Dinitrotoluene	14.898	165	68	2.542	ng	# 46
62) 4-Nitroaniline	15.622	138	68	2.389	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.669	198	25	5.623	ng	# 1
70) Pentachlorophenol	16.928	266	32	4.387	ng	# 4
74) Di-n-butylphthalate	18.263	149	6113986	49.225	ng	99
80) Butylbenzylphthalate	20.522	149	217	2.686	ng	# 87

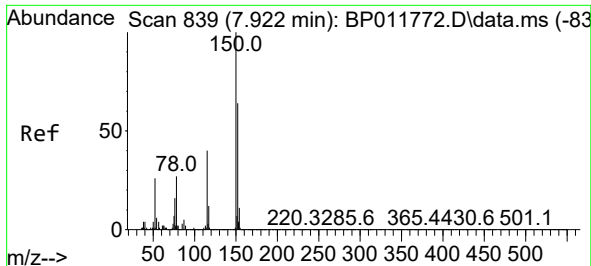
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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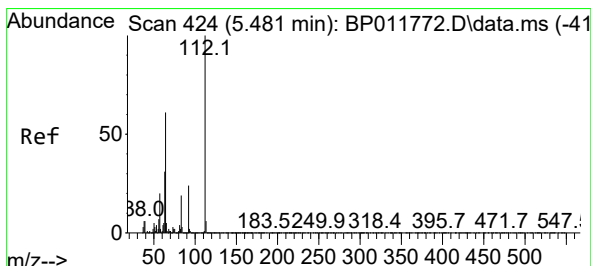
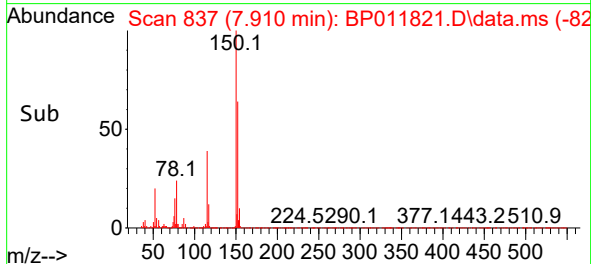
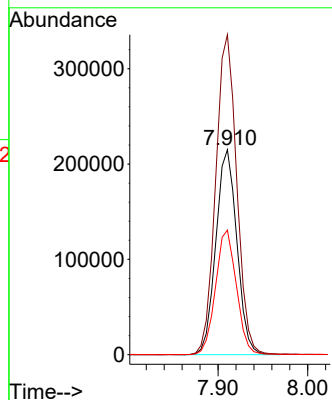
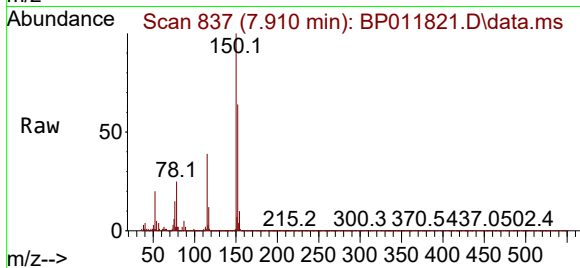




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

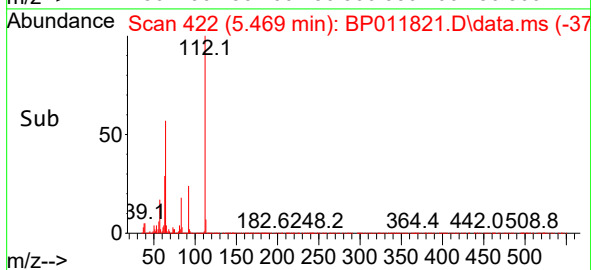
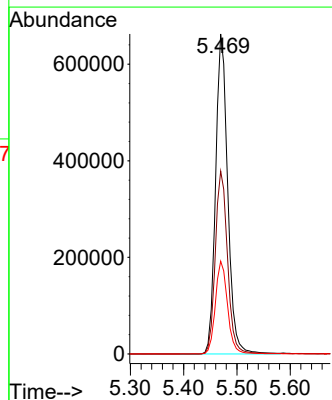
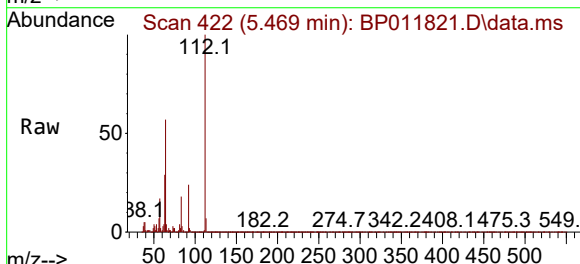
Instrument :
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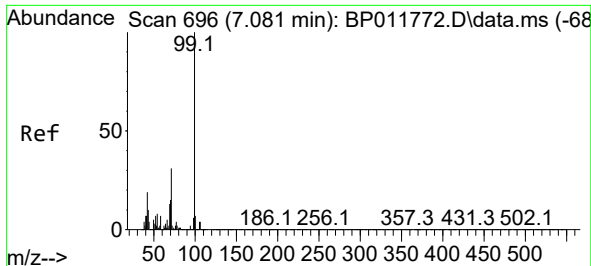
Tgt Ion:152 Resp: 350172
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.4
115 60.8 50.0 75.0



#5
2-Fluorophenol
Concen: 52.309 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

Tgt Ion:112 Resp: 1043958
Ion Ratio Lower Upper
112 100
64 57.2 49.2 73.8
63 29.0 25.2 37.8

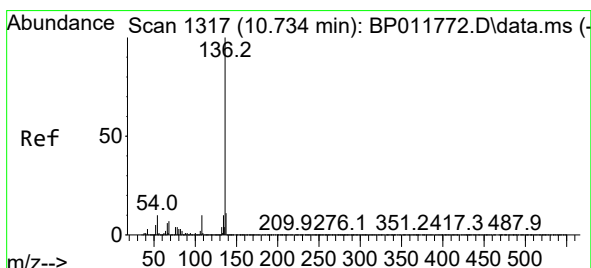
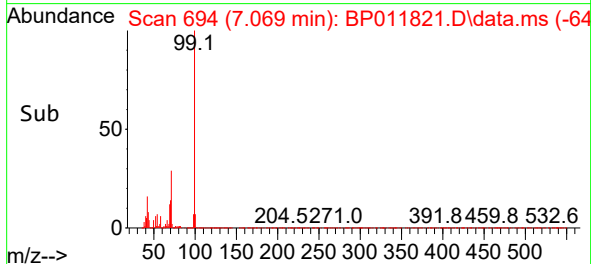
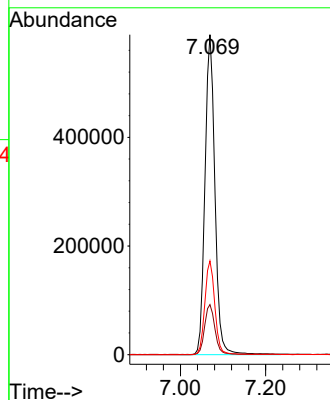
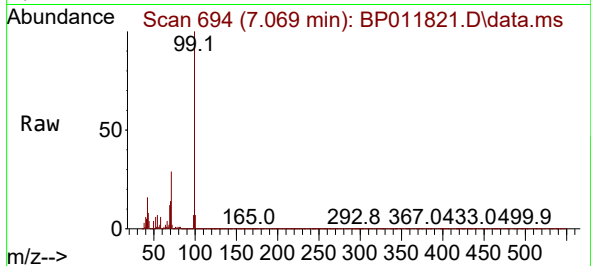




#7
Phenol-d6
Concen: 32.311 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

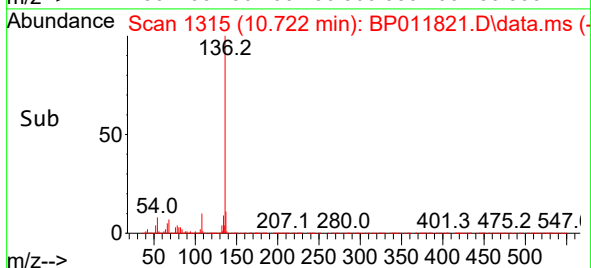
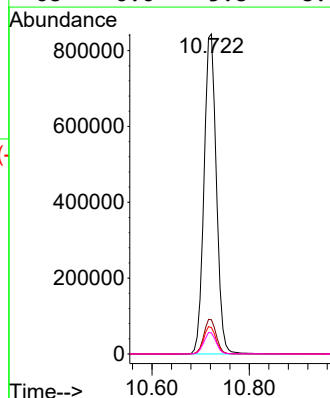
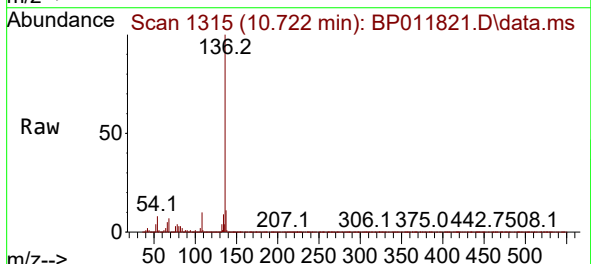
Instrument :
BNA_P
ClientSampleId :
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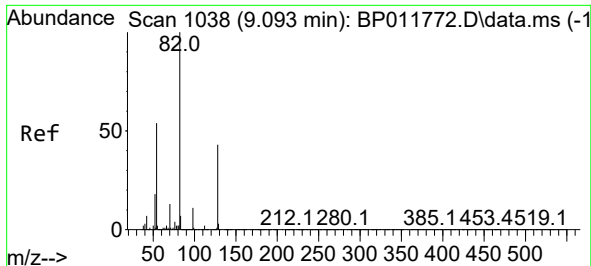
Tgt Ion: 99 Resp: 953465
Ion Ratio Lower Upper
99 100
42 15.6 15.4 23.2
71 29.3 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

Tgt Ion: 136 Resp: 1479028
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 8.2 12.4
68 6.6 5.8 8.8

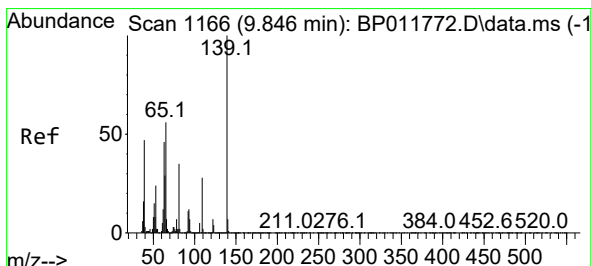
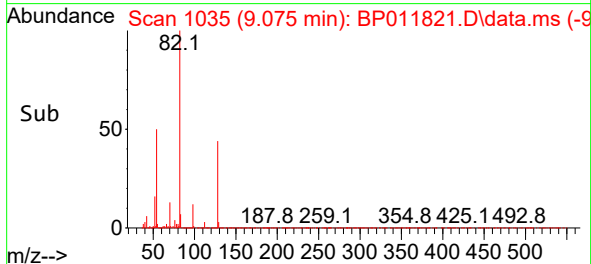
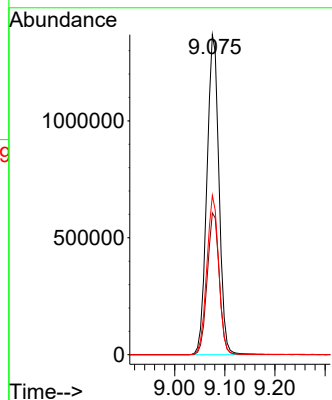
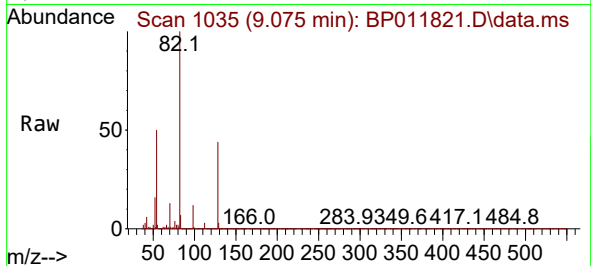




#23
Nitrobenzene-d5
Concen: 81.087 ng
RT: 9.075 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

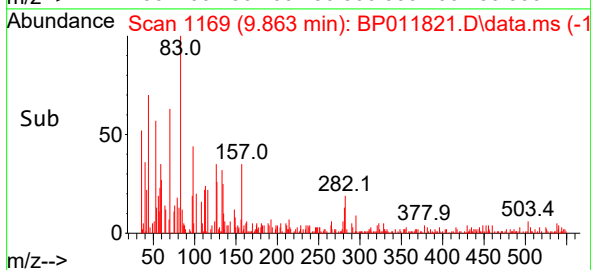
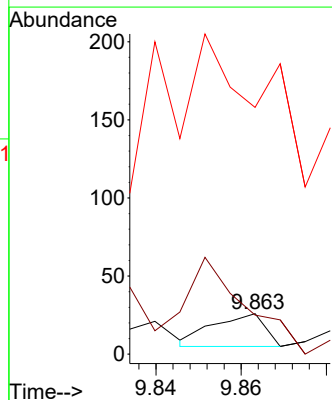
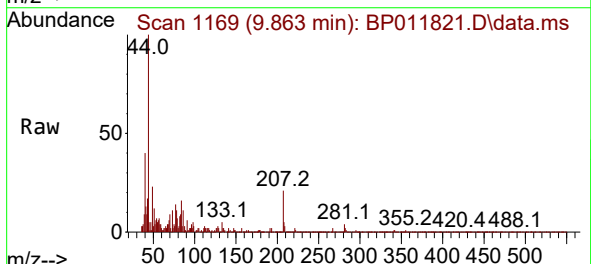
Instrument :
BNA_P
ClientSampleId :
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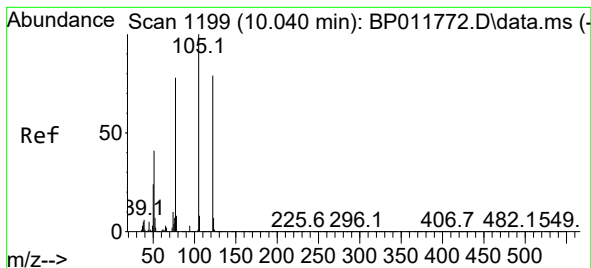
Tgt Ion: 82 Resp: 2291350
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 49.8 43.1 64.7



#26
2-Nitrophenol
Concen: 3.333 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.029 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 96.2 22.6 34.0#
65 607.7 44.7 67.1#

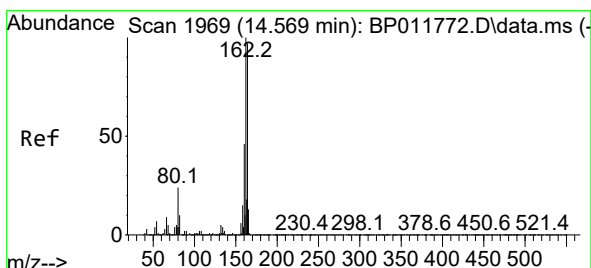
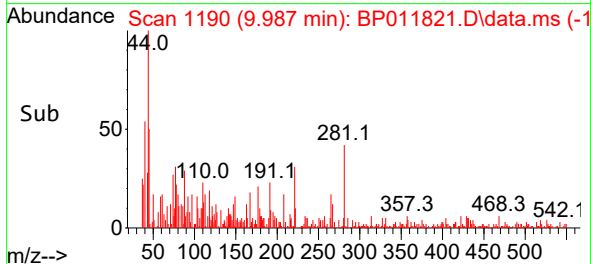
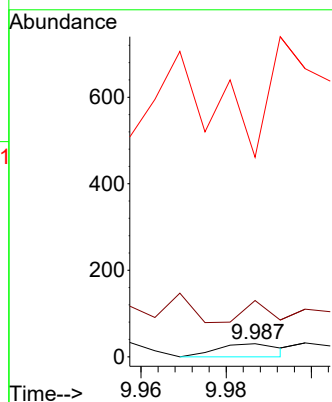
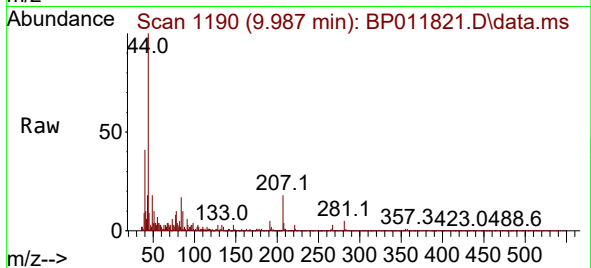




#32
Benzoic acid
Concen: 6.760 ng
RT: 9.987 min Scan# 1199
Delta R.T. -0.029 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

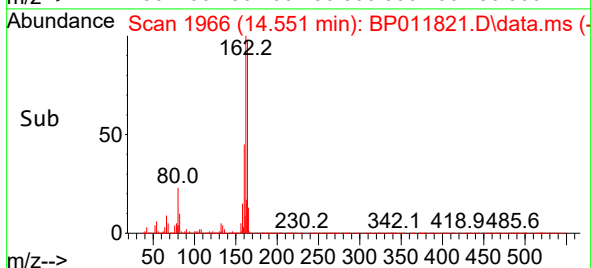
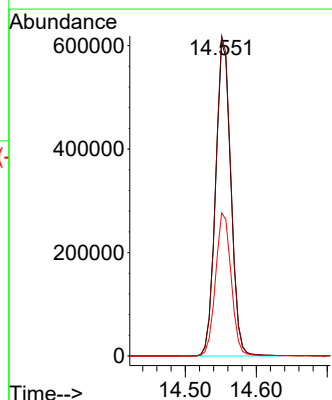
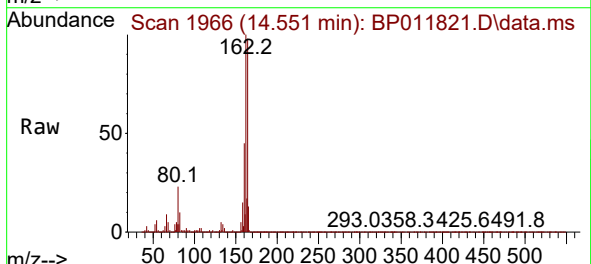
Instrument :
BNA_P
ClientSampleId :
004-2

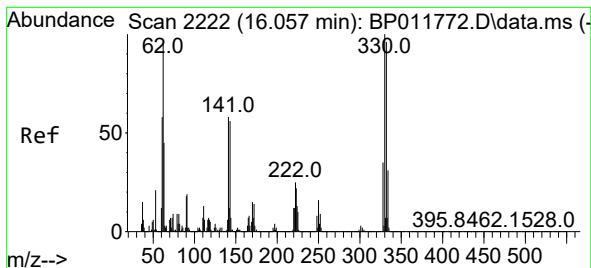
Tgt Ion:122 Resp: 31
Ion Ratio Lower Upper
122 100
105 433.3 101.0 141.0#
77 1536.7 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

Tgt Ion:164 Resp: 905881
Ion Ratio Lower Upper
164 100
162 101.9 82.5 123.7
160 45.6 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 111.327 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011821.D

Acq: 27 Sep 2022 18:20

Instrument :

BNA_P

ClientSampleId :

004-2

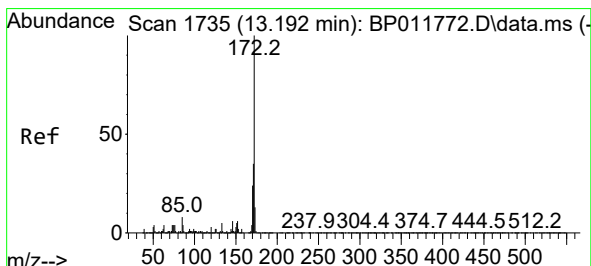
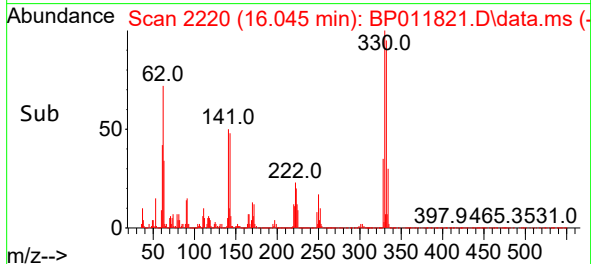
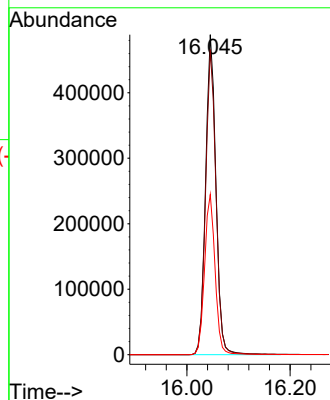
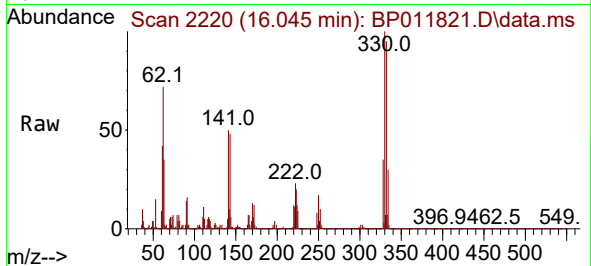
Tgt Ion:330 Resp: 679062

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

141 51.0 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 89.690 ng

RT: 13.181 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP011821.D

Acq: 27 Sep 2022 18:20

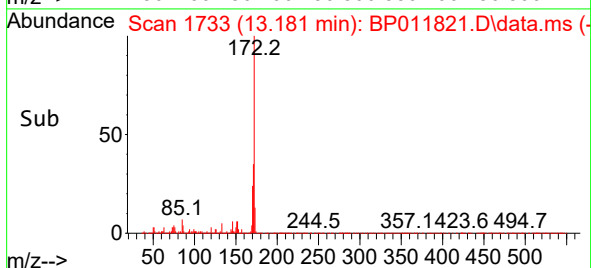
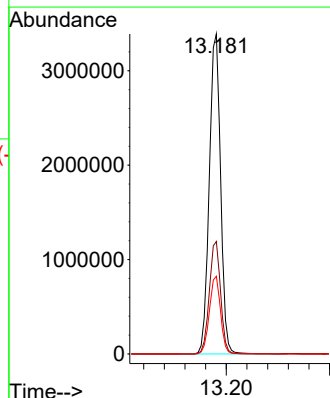
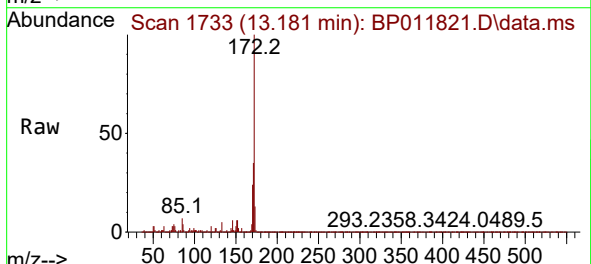
Tgt Ion:172 Resp: 5137768

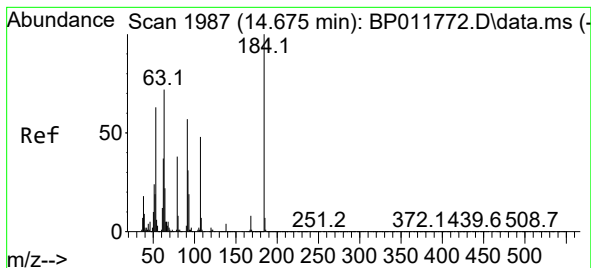
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 24.3 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.729 ng

RT: 14.675 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP011821.D

Acq: 27 Sep 2022 18:20

Instrument :

BNA_P

ClientSampleId :

004-2

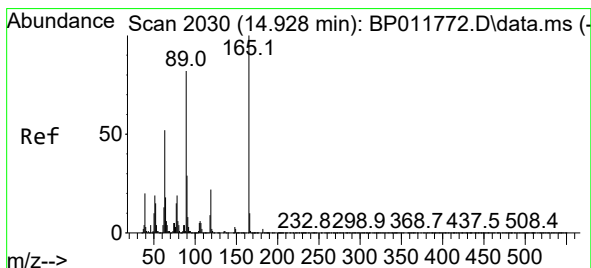
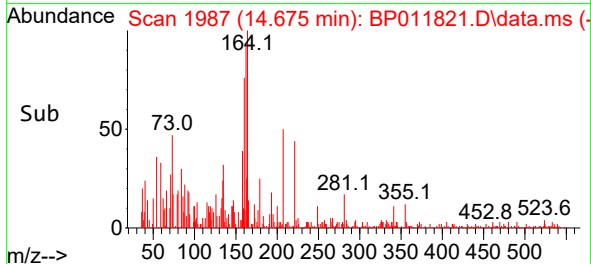
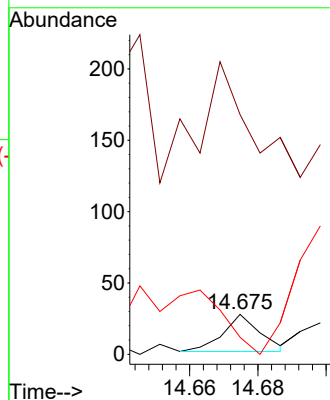
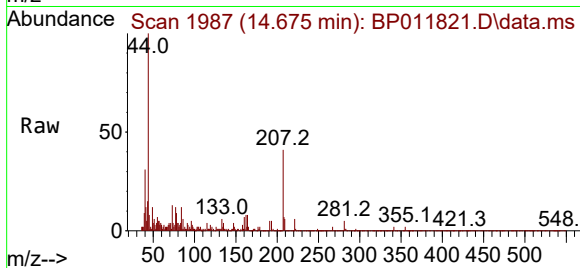
Tgt Ion:184 Resp: 20

Ion Ratio Lower Upper

184 100

63 600.0 65.7 98.5#

154 42.9 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.542 ng

RT: 14.898 min Scan# 2025

Delta R.T. -0.018 min

Lab File: BP011821.D

Acq: 27 Sep 2022 18:20

Tgt Ion:165 Resp: 68

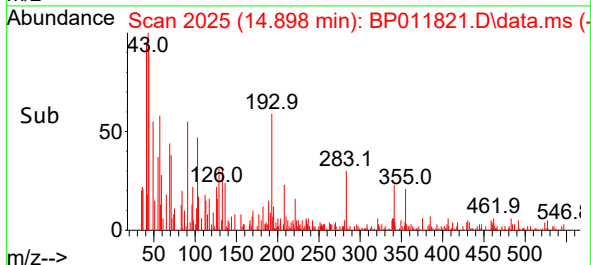
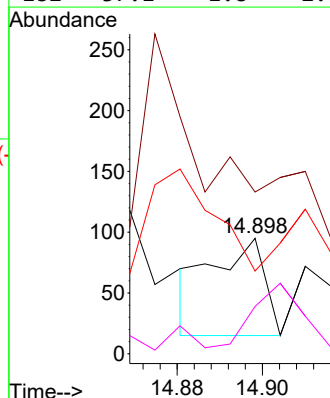
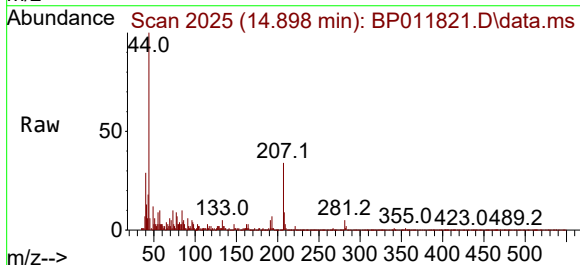
Ion Ratio Lower Upper

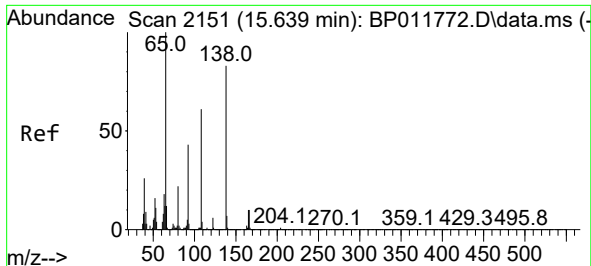
165 100

63 126.7 41.4 62.2#

89 64.8 66.0 99.0#

182 37.1 1.8 2.8#

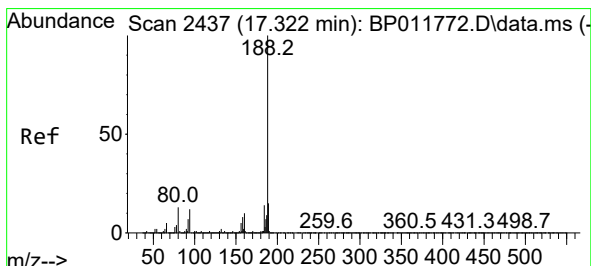
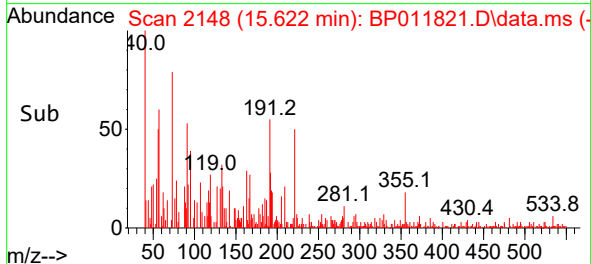
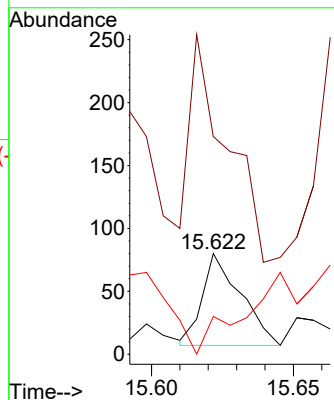
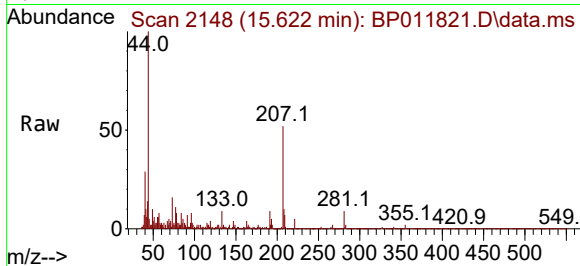




#62
4-Nitroaniline
Concen: 2.389 ng
RT: 15.622 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

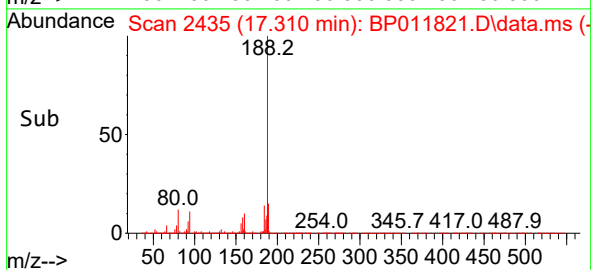
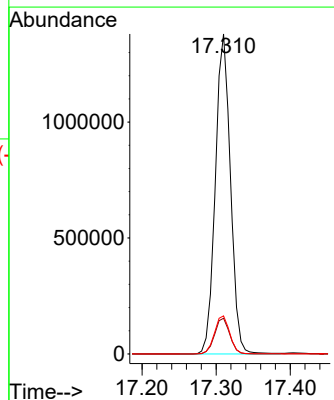
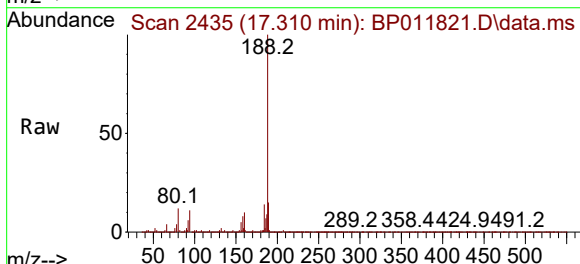
Instrument :
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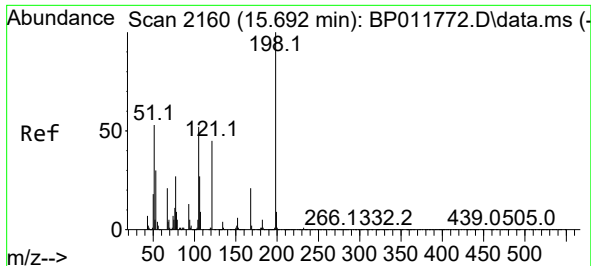
Tgt Ion:138 Resp: 68
Ion Ratio Lower Upper
138 100
92 216.2 31.9 71.9#
108 37.5 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

Tgt Ion:188 Resp: 1951721
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.0
80 11.9 10.6 15.8

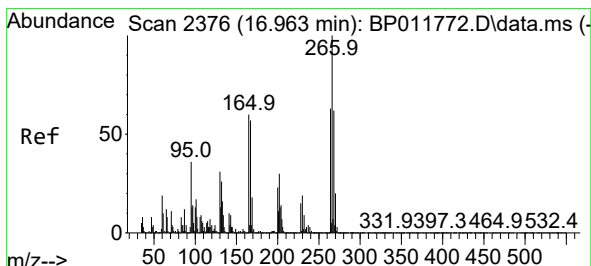
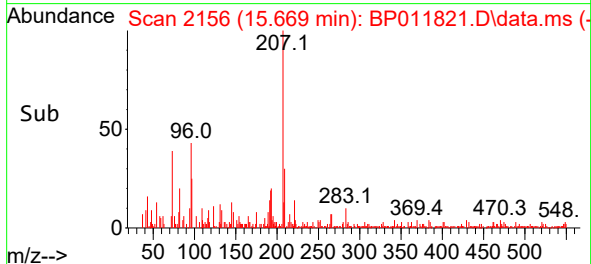
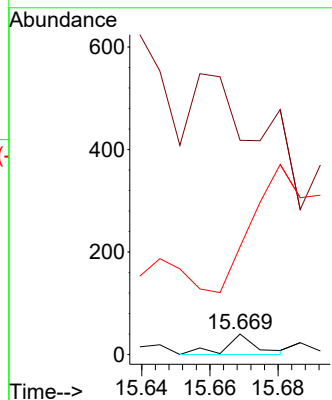
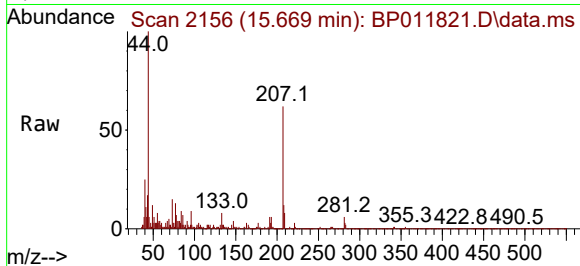




#65
4,6-Dinitro-2-methylphenol
Concen: 5.623 ng
RT: 15.669 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

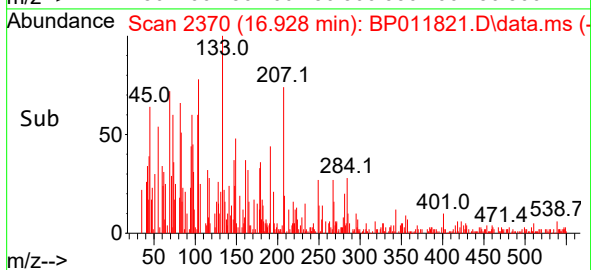
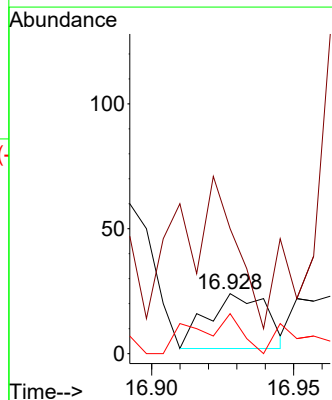
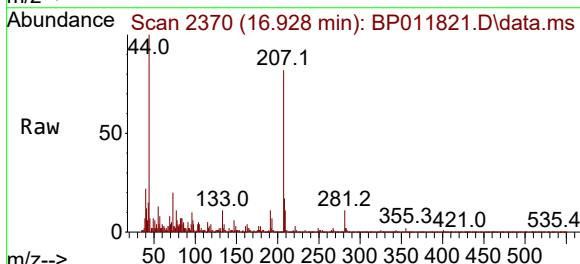
Instrument :
BNA_P
ClientSampleId :
004-2

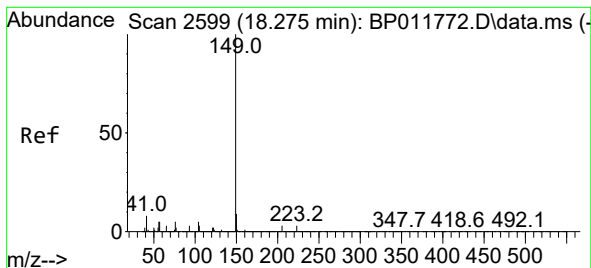
Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 1045.0 41.6 81.6#
105 525.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.387 ng
RT: 16.928 min Scan# 2370
Delta R.T. -0.029 min
Lab File: BP011821.D
Acq: 27 Sep 2022 18:20

Tgt Ion:266 Resp: 32
Ion Ratio Lower Upper
266 100
268 208.3 49.7 74.5#
264 66.7 50.6 75.8





#74

Di-n-butylphthalate

Concen: 49.225 ng

RT: 18.263 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011821.D

Acq: 27 Sep 2022 18:20

Instrument :

BNA_P

ClientSampleId :

004-2

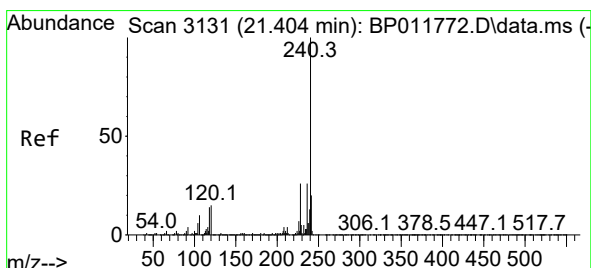
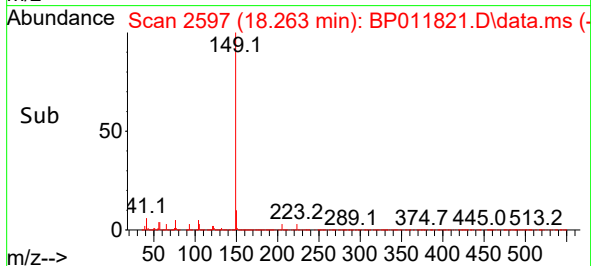
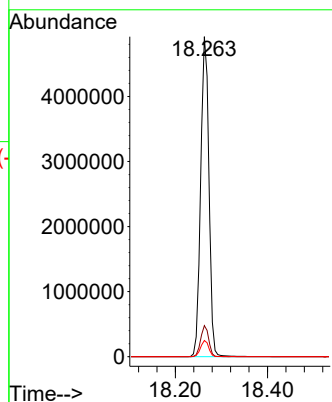
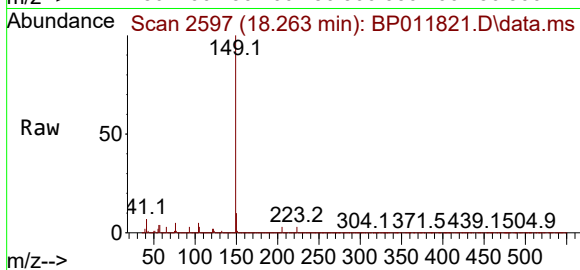
Tgt Ion:149 Resp: 6113986

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 5.0 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP011821.D

Acq: 27 Sep 2022 18:20

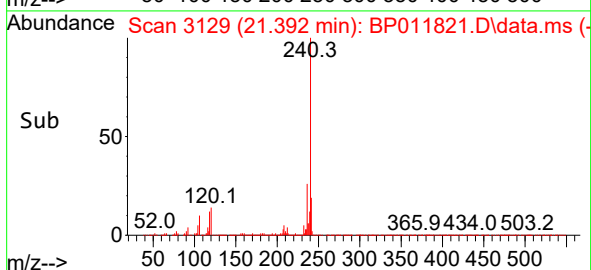
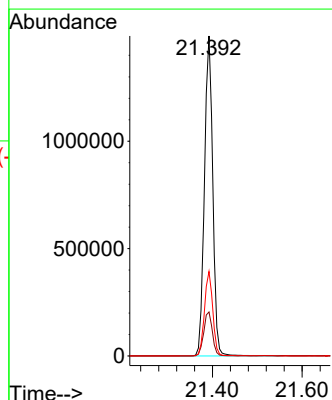
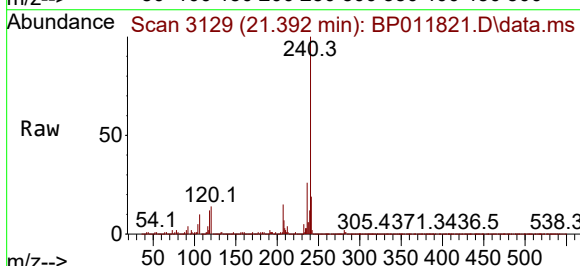
Tgt Ion:240 Resp: 1918661

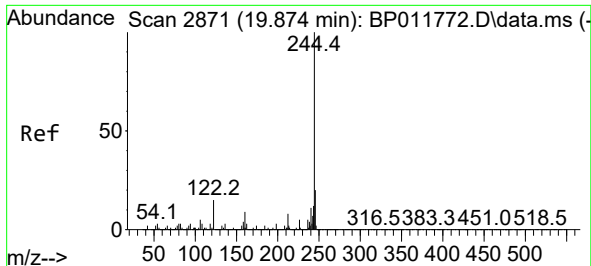
Ion Ratio Lower Upper

240 100

120 13.8 12.0 18.0

236 26.4 21.1 31.7

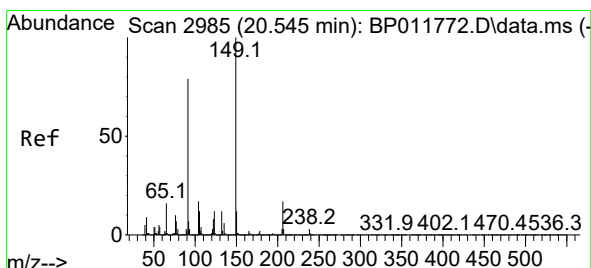
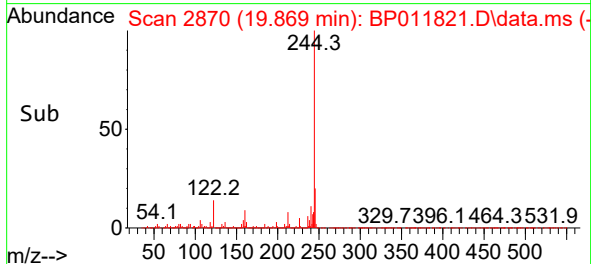
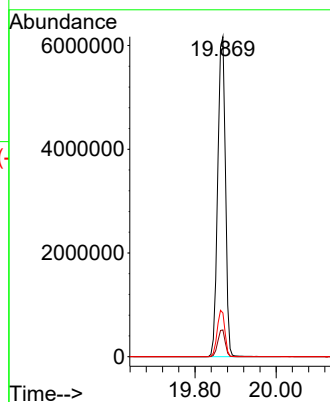
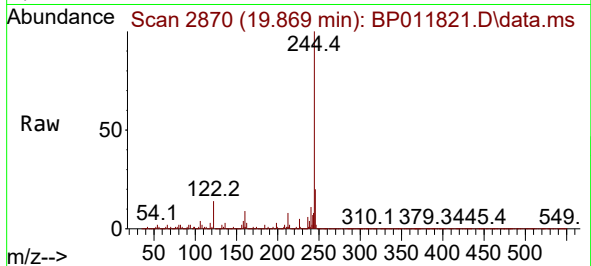




#79
 Terphenyl-d14
 Concen: 97.049 ng
 RT: 19.869 min Scan# 2871
 Delta R.T. -0.000 min
 Lab File: BP011821.D
 Acq: 27 Sep 2022 18:20

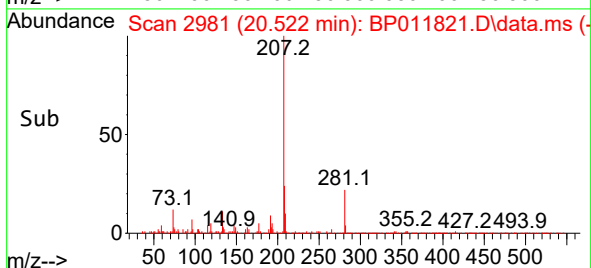
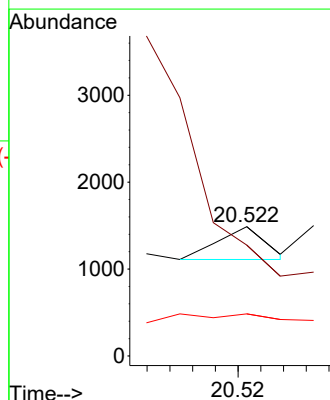
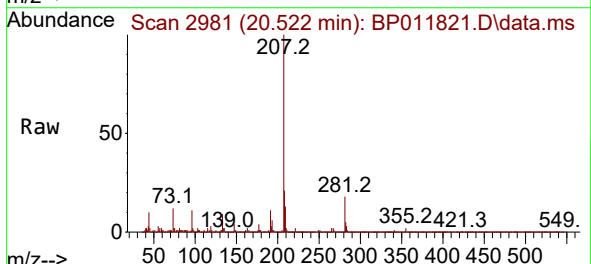
Instrument :
 BNA_P
 ClientSampleId :
 004-2

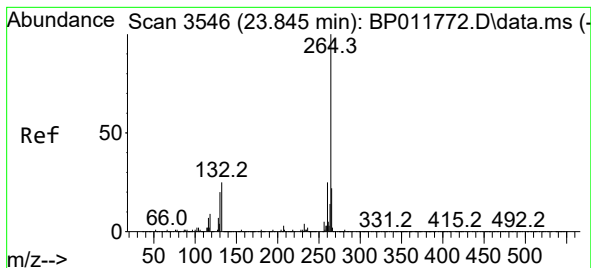
Tgt Ion:244 Resp: 8098195
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 13.7 11.8 17.8



#80
 Butylbenzylphthalate
 Concen: 2.686 ng
 RT: 20.522 min Scan# 2981
 Delta R.T. -0.018 min
 Lab File: BP011821.D
 Acq: 27 Sep 2022 18:20

Tgt Ion:149 Resp: 217
 Ion Ratio Lower Upper
 149 100
 91 85.9 63.1 94.7
 206 32.6 13.6 20.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011821.D

Acq: 27 Sep 2022 18:20

Instrument :

BNA_P

ClientSampleId :

004-2

Tgt Ion:264 Resp: 1975757

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 22.1 17.8 26.8

