

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011819.D
 Acq On : 27 Sep 2022 17:10
 Operator : CG/JU
 Sample : N4841-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 252672-6

Quant Time: Sep 28 02:08:46 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)

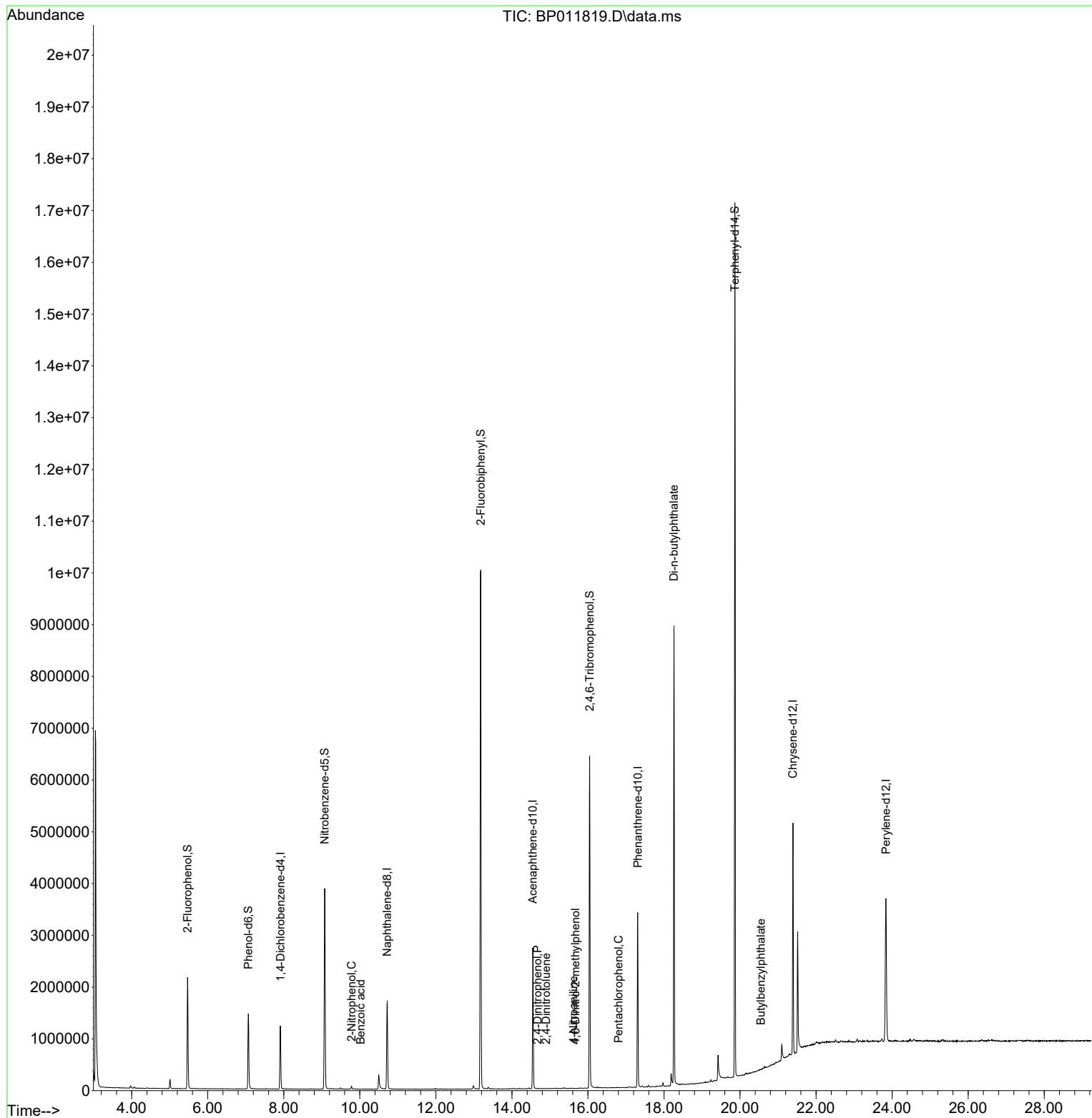
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	345942	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1457974	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	910517	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1983021	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1945490	20.000	ng	0.00
86) Perylene-d12	23.839	264	2018908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1007955	51.123	ng	0.00
7) Phenol-d6	7.069	99	900426	30.887	ng	0.00
23) Nitrobenzene-d5	9.075	82	2292884	82.313	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	949647	154.894	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5222601	90.706	ng	0.00
79) Terphenyl-d14	19.863	244	7741309	91.493	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.781	139	624	3.381	ng	94
32) Benzoic acid	10.022	122	111	6.764	ng	# 1
54) 2,4-Dinitrophenol	14.675	184	17	6.728	ng	# 1
57) 2,4-Dinitrotoluene	14.898	165	178	2.547	ng	# 78
62) 4-Nitroaniline	15.622	138	29	2.387	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.669	198	22	5.622	ng	# 1
70) Pentachlorophenol	16.804	266	33	4.387	ng	95
74) Di-n-butylphthalate	18.263	149	6197418	49.109	ng	99
80) Butylbenzylphthalate	20.545	149	1519	2.706	ng	# 89

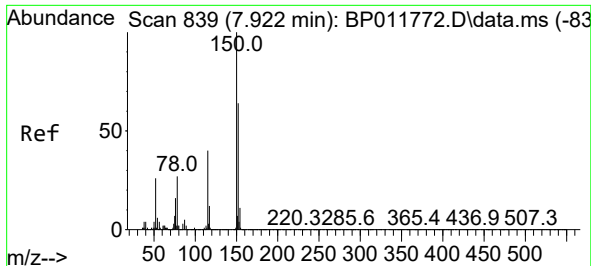
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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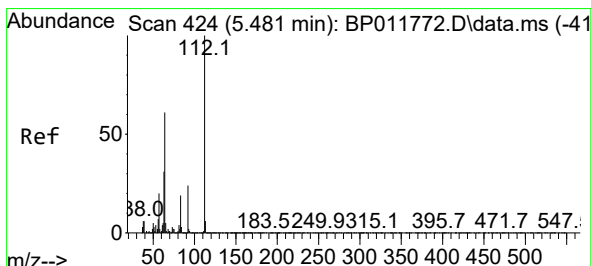
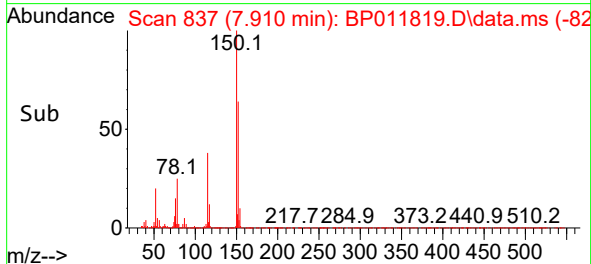
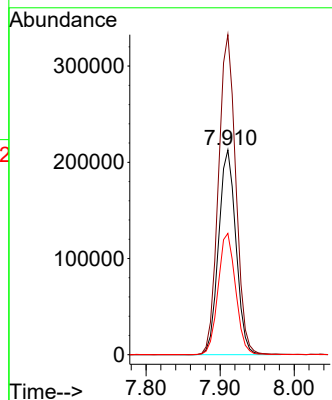
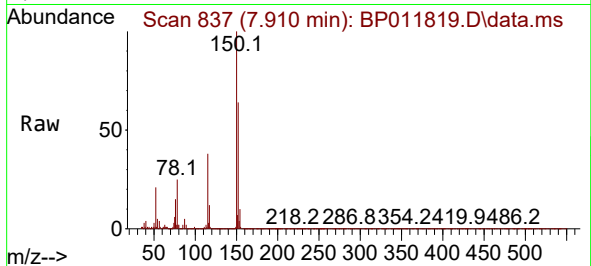




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

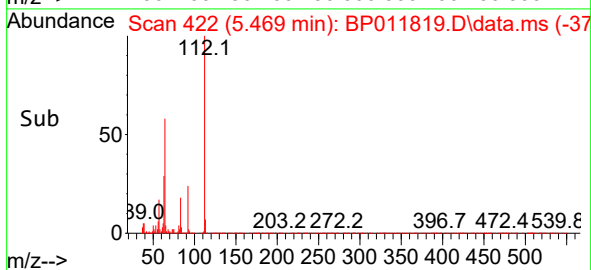
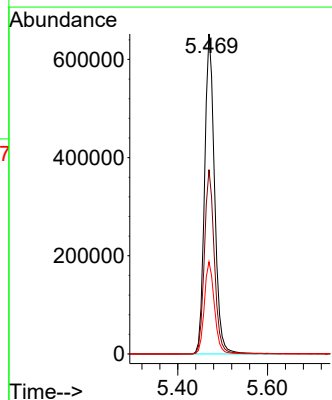
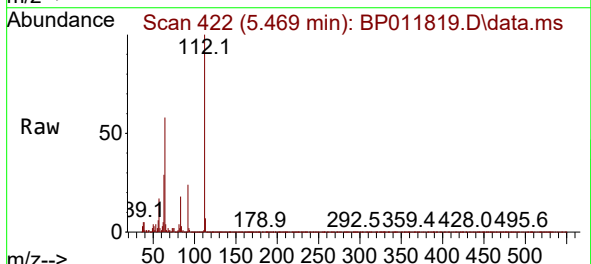
Instrument :
BNA_P
ClientSampleId :
252672-6

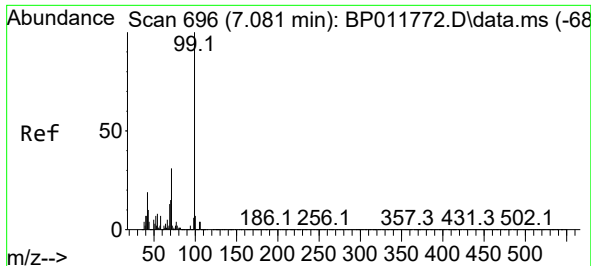
Tgt Ion:152 Resp: 345942
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.4
115 59.2 50.0 75.0



#5
2-Fluorophenol
Concen: 51.123 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

Tgt Ion:112 Resp: 1007955
Ion Ratio Lower Upper
112 100
64 57.6 49.2 73.8
63 28.8 25.2 37.8

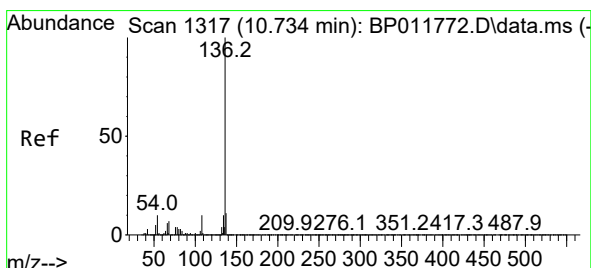
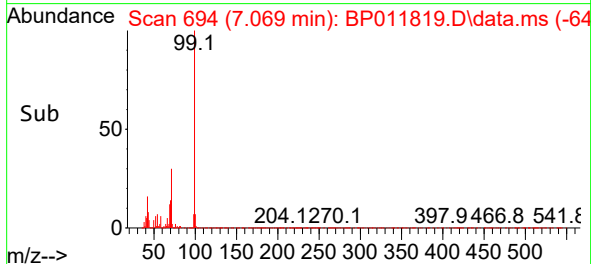
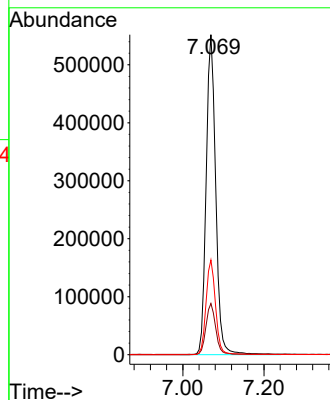
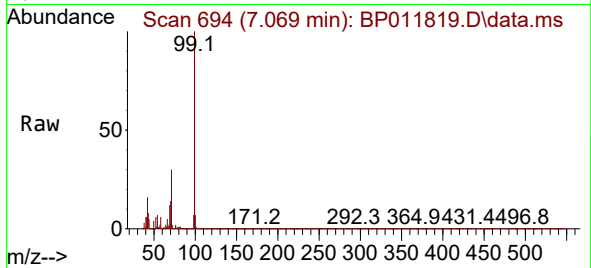




#7
Phenol-d6
Concen: 30.887 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

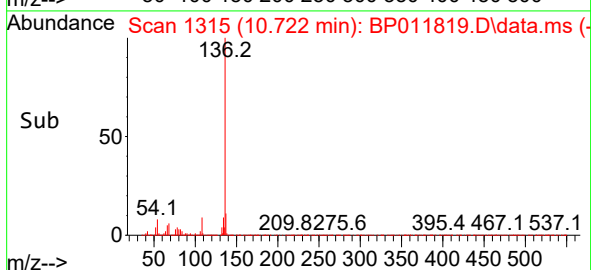
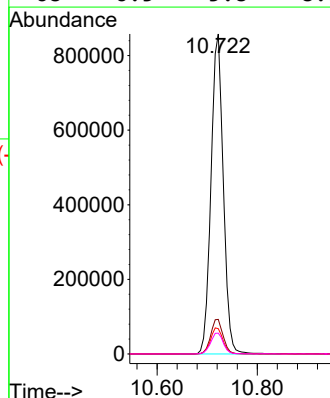
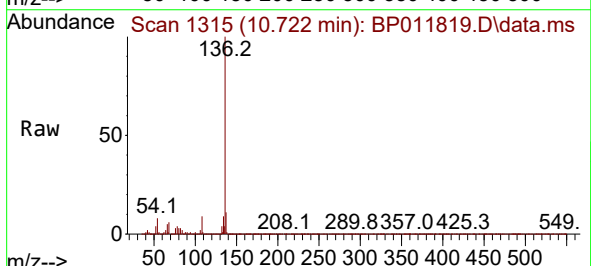
Instrument :
BNA_P
ClientSampleId :
252672-6

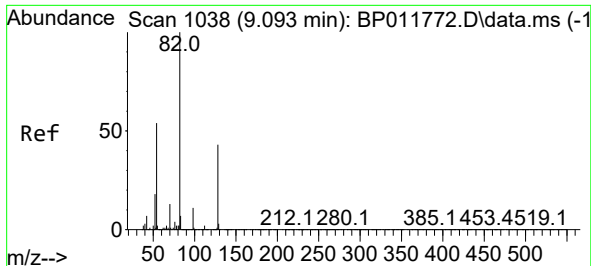
Tgt Ion: 99 Resp: 900426
Ion Ratio Lower Upper
99 100
42 16.0 15.4 23.2
71 29.6 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

Tgt Ion: 136 Resp: 1457974
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 8.2 12.4#
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 82.313 ng

RT: 9.075 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BP011819.D

Acq: 27 Sep 2022 17:10

Instrument :

BNA_P

ClientSampleId :

252672-6

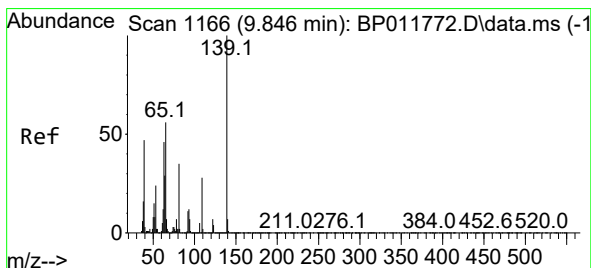
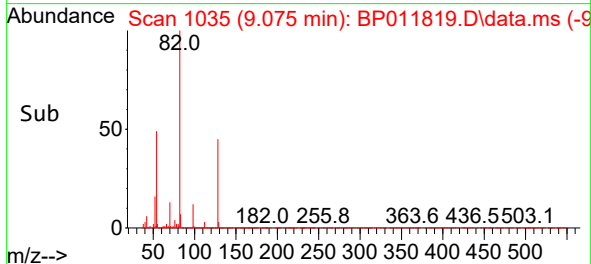
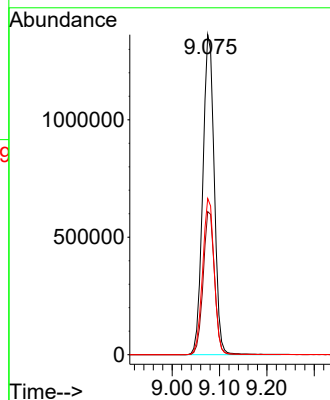
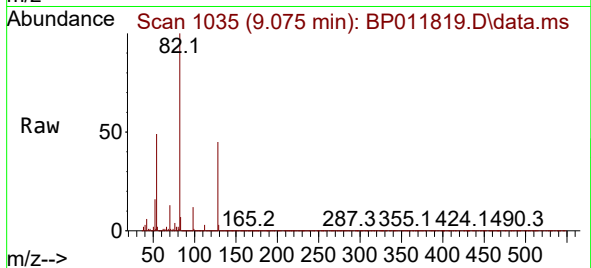
Tgt Ion: 82 Resp: 2292884

Ion Ratio Lower Upper

82 100

128 44.7 34.2 51.4

54 48.8 43.1 64.7



#26

2-Nitrophenol

Concen: 3.381 ng

RT: 9.781 min Scan# 1155

Delta R.T. -0.053 min

Lab File: BP011819.D

Acq: 27 Sep 2022 17:10

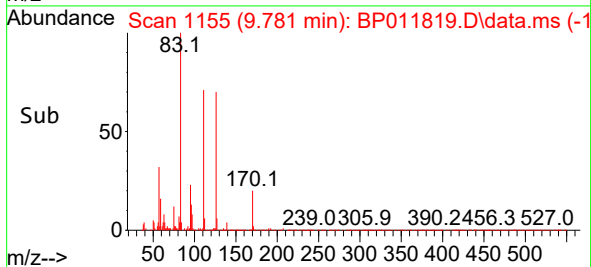
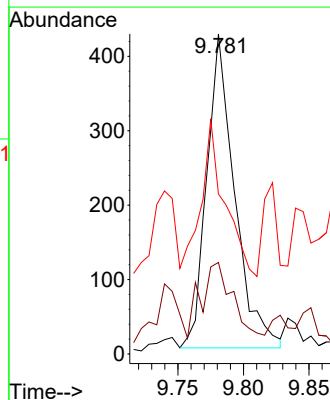
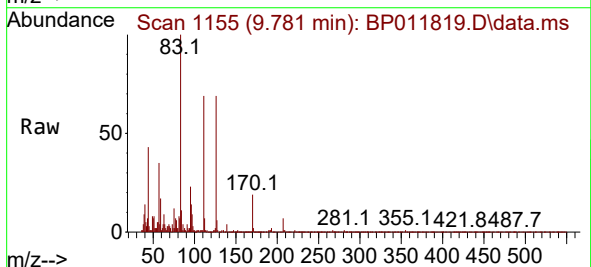
Tgt Ion:139 Resp: 624

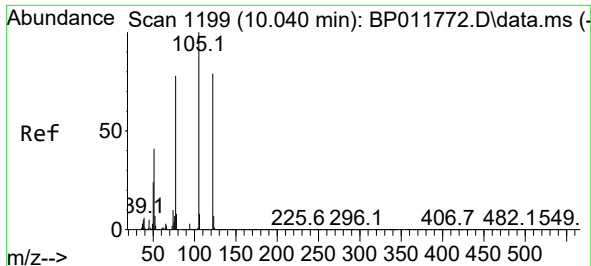
Ion Ratio Lower Upper

139 100

109 28.6 22.6 34.0

65 50.0 44.7 67.1

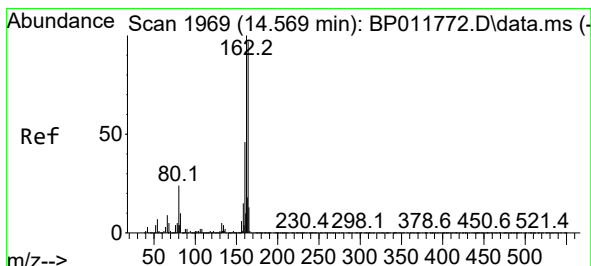
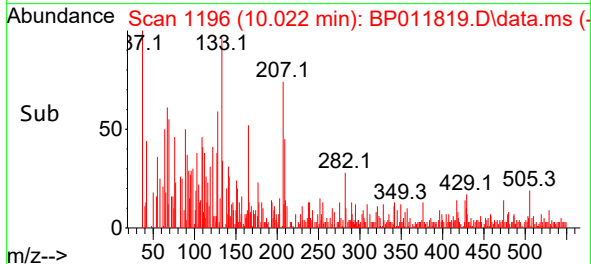
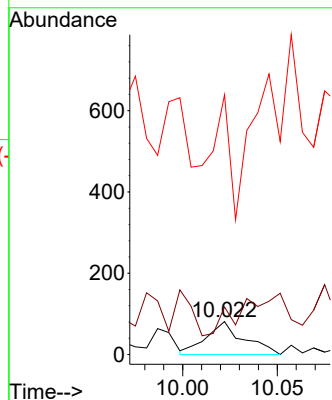
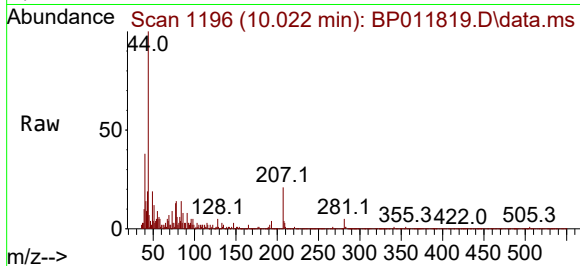




#32
Benzoic acid
Concen: 6.764 ng
RT: 10.022 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

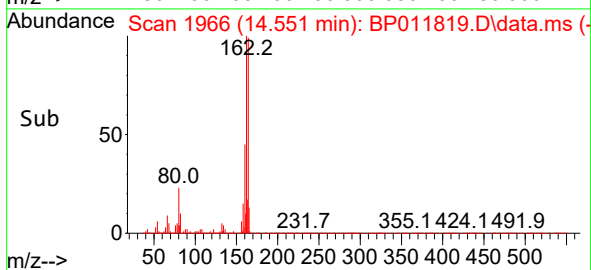
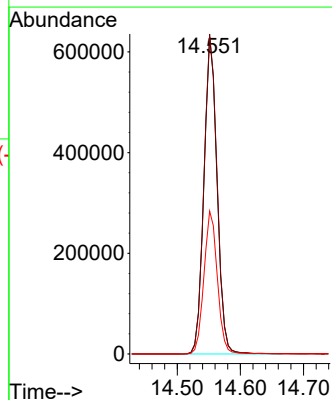
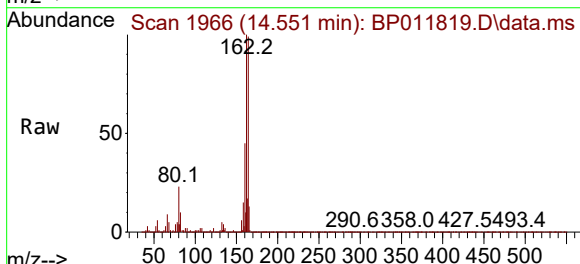
Instrument :
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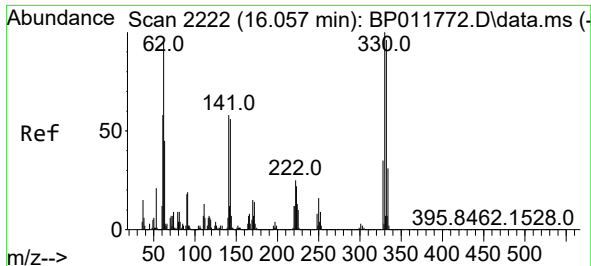
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 144.4 101.0 141.0#
77 788.9 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

Tgt Ion:164 Resp: 910517
Ion Ratio Lower Upper
164 100
162 100.9 82.5 123.7
160 45.1 37.8 56.6

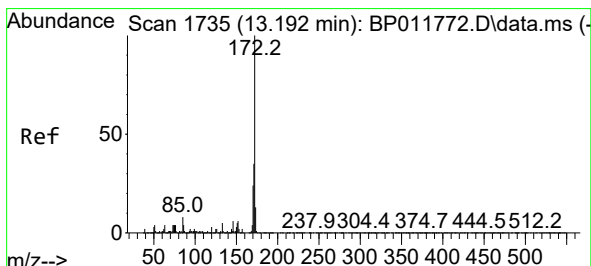
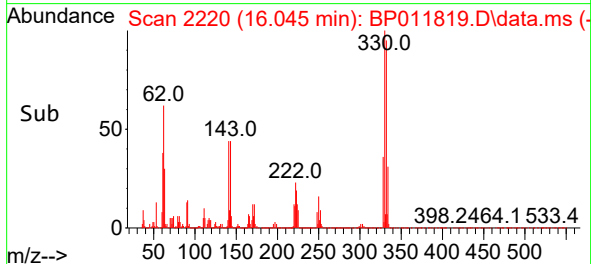
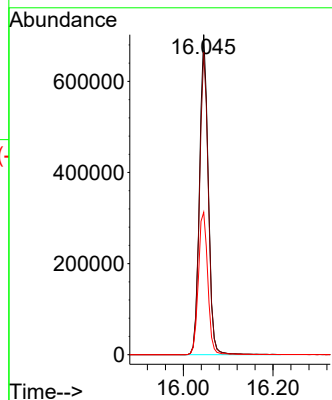
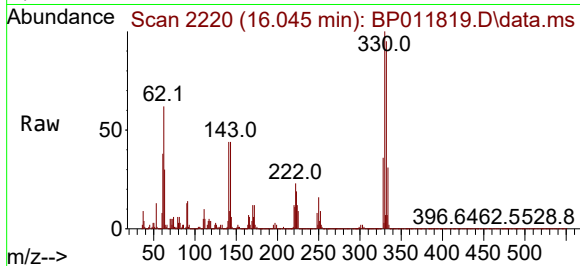




#42
2,4,6-Tribromophenol
Concen: 154.894 ng
RT: 16.045 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

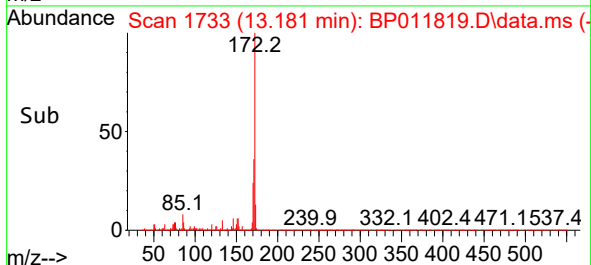
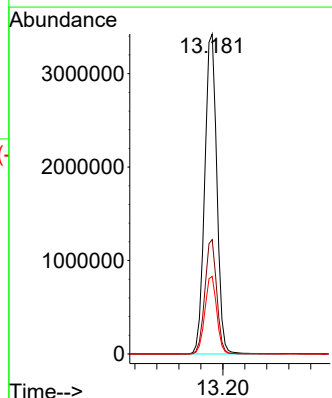
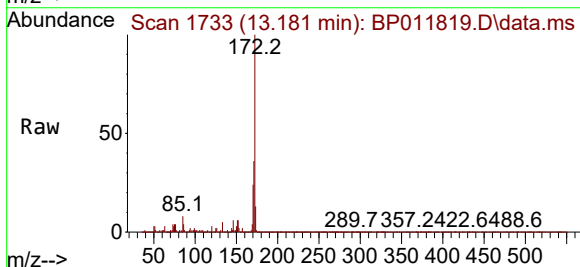
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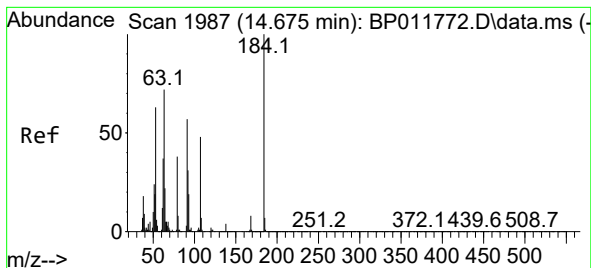
Tgt Ion:330 Resp: 949647
Ion Ratio Lower Upper
330 100
332 95.3 76.6 114.8
141 47.6 48.7 73.1#



#45
2-Fluorobiphenyl
Concen: 90.706 ng
RT: 13.181 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

Tgt Ion:172 Resp: 5222601
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.3 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.728 ng

RT: 14.675 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP011819.D

Acq: 27 Sep 2022 17:10

Instrument :

BNA_P

ClientSampleId :

252672-6

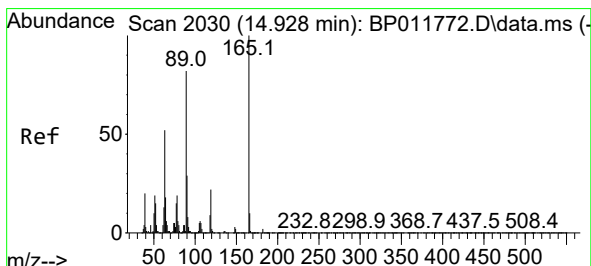
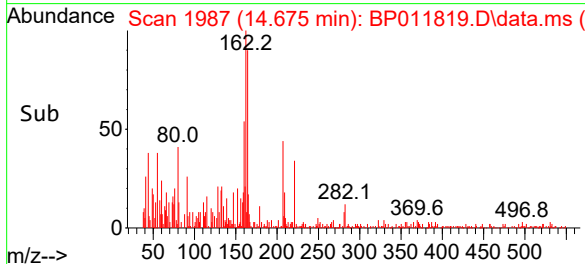
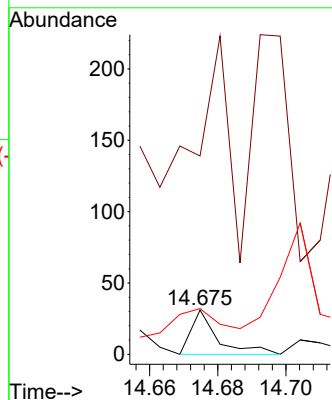
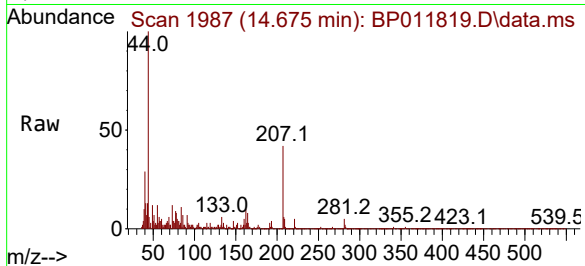
Tgt Ion:184 Resp: 17

Ion Ratio Lower Upper

184 100

63 448.4 65.7 98.5#

154 148.4 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.547 ng

RT: 14.898 min Scan# 2025

Delta R.T. -0.018 min

Lab File: BP011819.D

Acq: 27 Sep 2022 17:10

Tgt Ion:165 Resp: 178

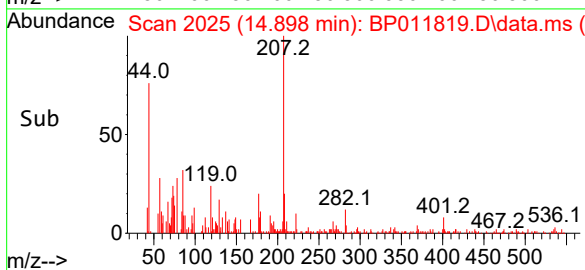
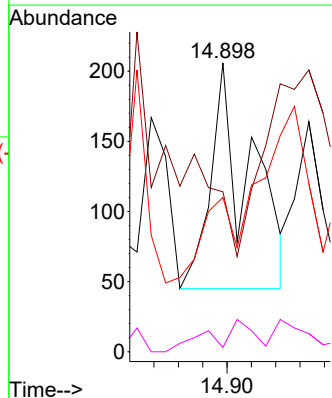
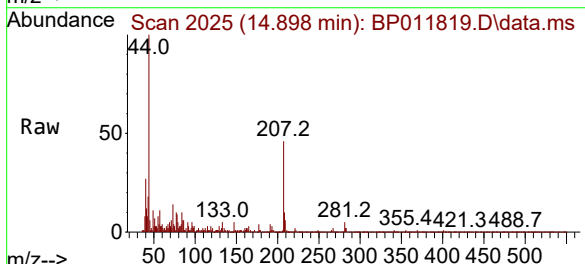
Ion Ratio Lower Upper

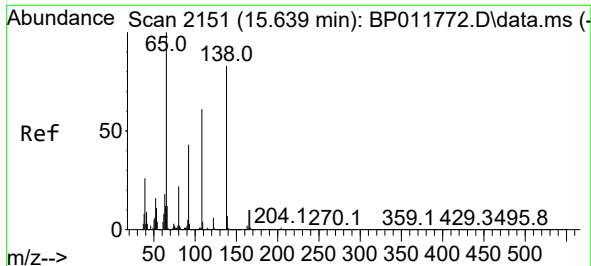
165 100

63 55.3 41.4 62.2

89 53.4 66.0 99.0#

182 1.5 1.8 2.8#

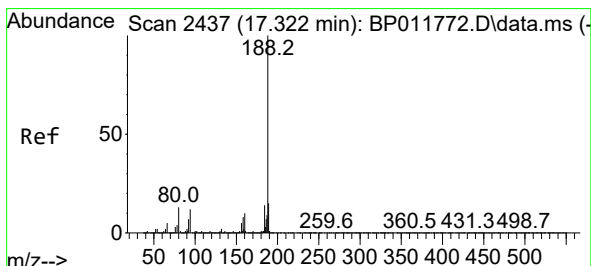
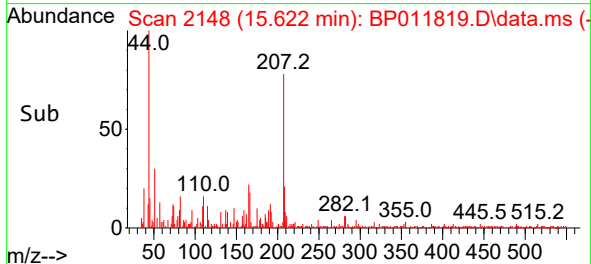
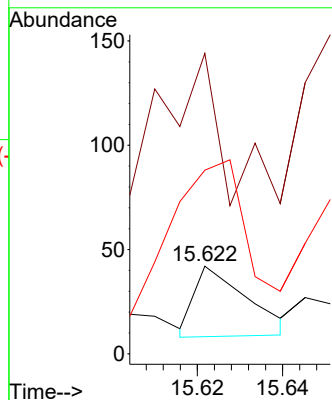
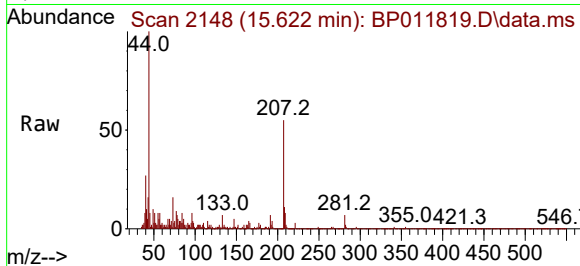




#62
4-Nitroaniline
Concen: 2.387 ng
RT: 15.622 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

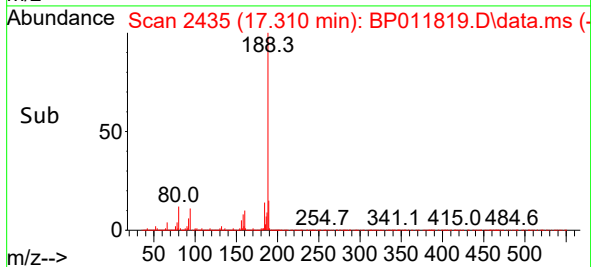
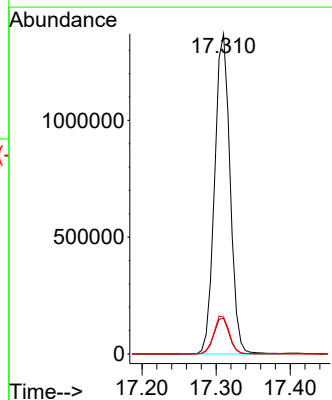
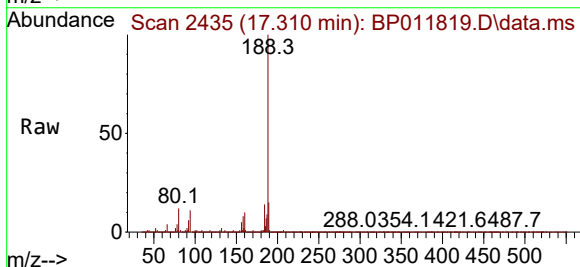
Instrument :
BNA_P
ClientSampleId :
252672-6

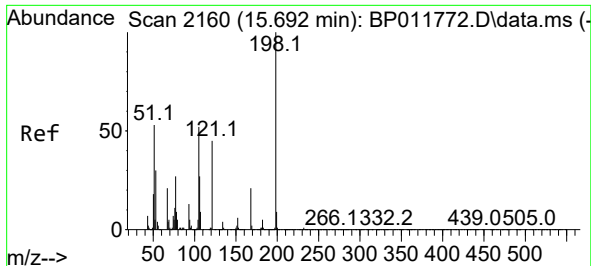
Tgt Ion:138 Resp: 29
Ion Ratio Lower Upper
138 100
92 342.9 31.9 71.9#
108 209.5 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

Tgt Ion:188 Resp: 1983021
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.0
80 11.6 10.6 15.8

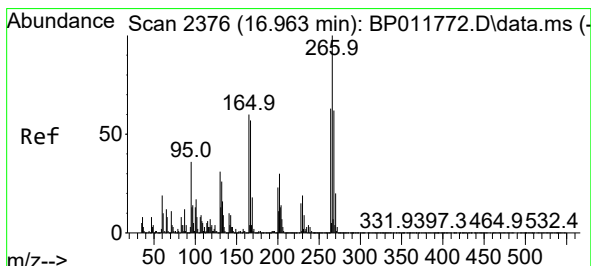
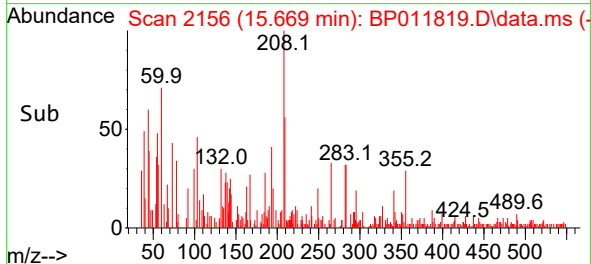
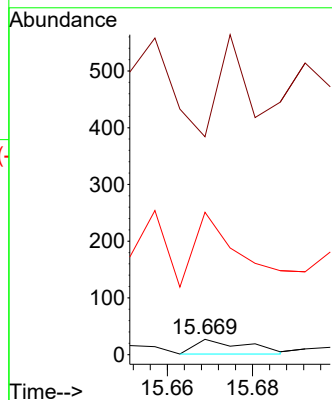
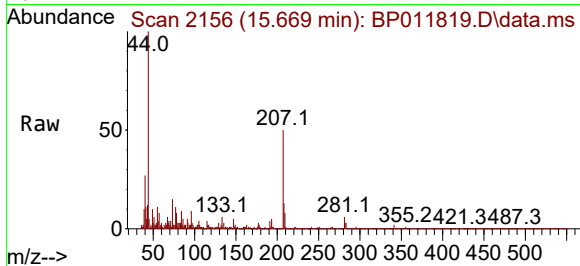




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.669 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

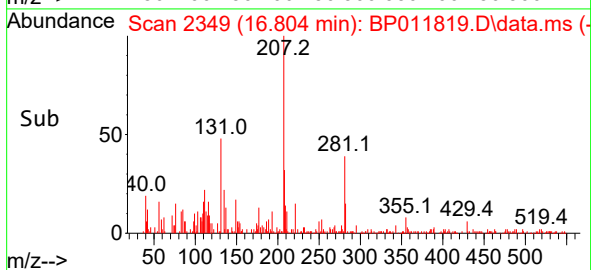
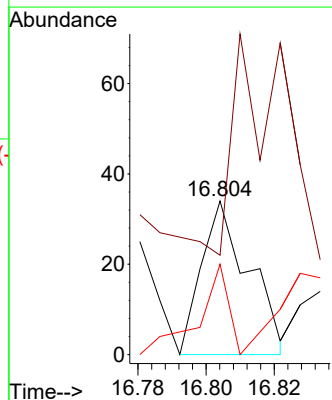
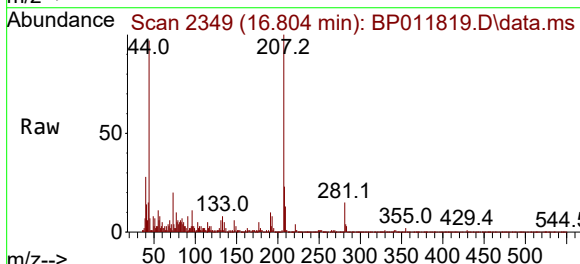
Instrument :
BNA_P
ClientSampleId :
252672-6

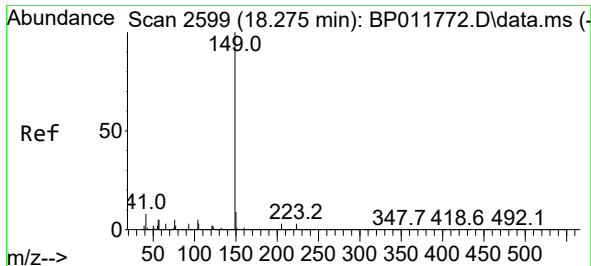
Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 1422.2 41.6 81.6#
105 929.6 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.387 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.153 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
268 64.7 49.7 74.5
264 58.8 50.6 75.8

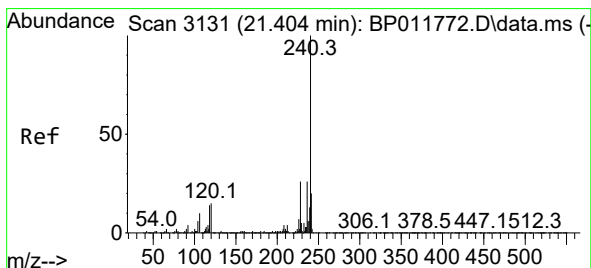
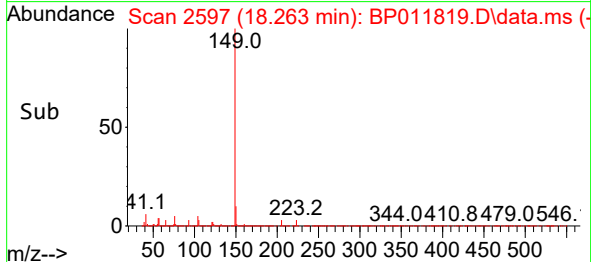
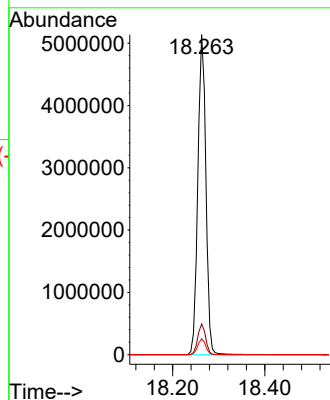
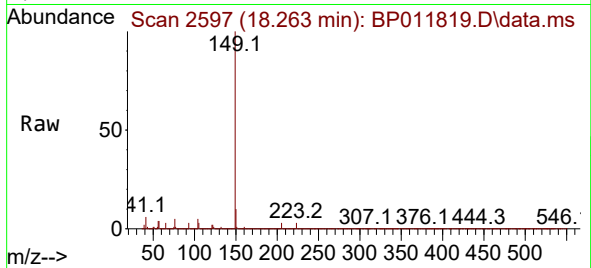




#74
Di-n-butylphthalate
Concen: 49.109 ng
RT: 18.263 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

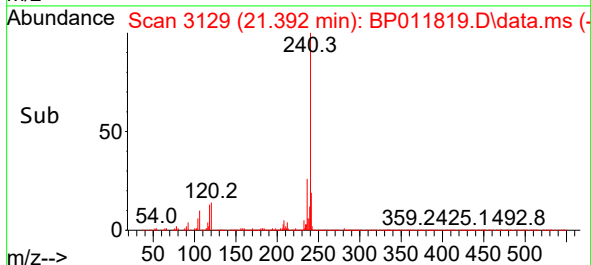
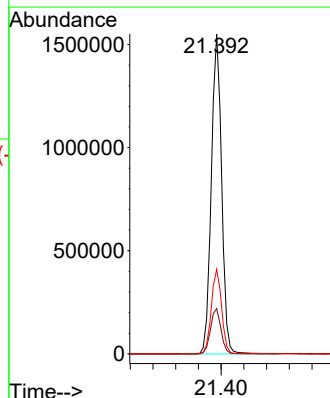
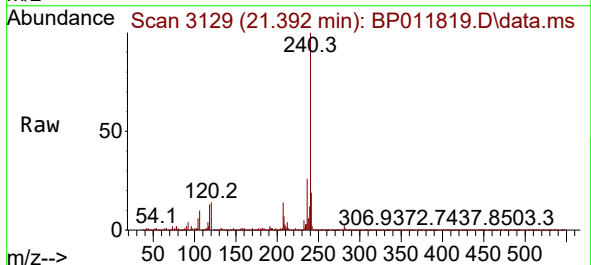
Instrument :
BNA_P
ClientSampleId :
252672-6

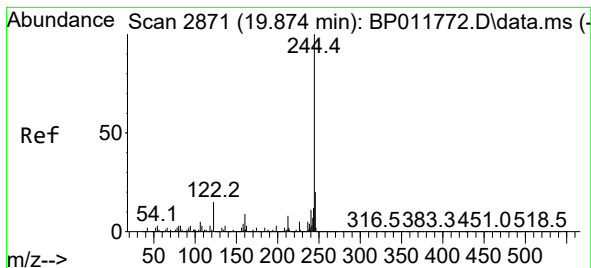
Tgt Ion:149 Resp: 6197418
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.0 4.2 6.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP011819.D
Acq: 27 Sep 2022 17:10

Tgt Ion:240 Resp: 1945490
Ion Ratio Lower Upper
240 100
120 14.1 12.0 18.0
236 26.5 21.1 31.7





#79

Terphenyl-d14

Concen: 91.493 ng

RT: 19.863 min Scan# 2871

Delta R.T. -0.006 min

Lab File: BP011819.D

Acq: 27 Sep 2022 17:10

Instrument :

BNA_P

ClientSampleId :

252672-6

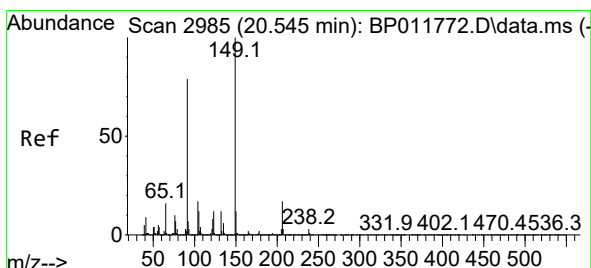
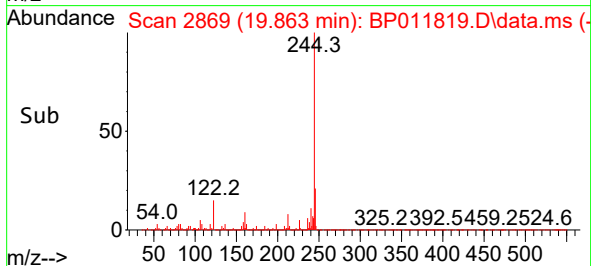
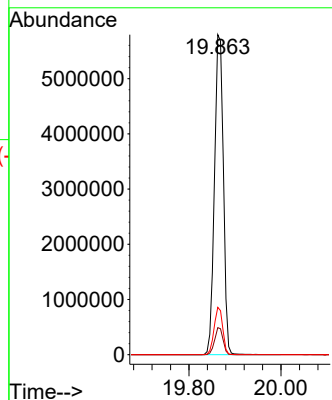
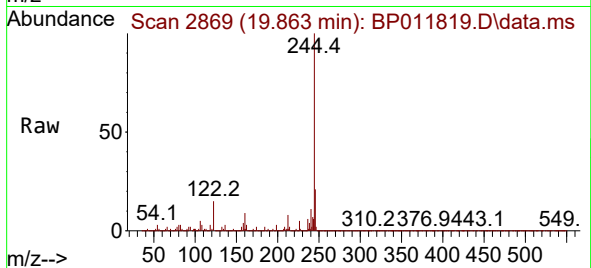
Tgt Ion:244 Resp: 7741309

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 14.8 11.8 17.8



#80

Butylbenzylphthalate

Concen: 2.706 ng

RT: 20.545 min Scan# 2985

Delta R.T. 0.006 min

Lab File: BP011819.D

Acq: 27 Sep 2022 17:10

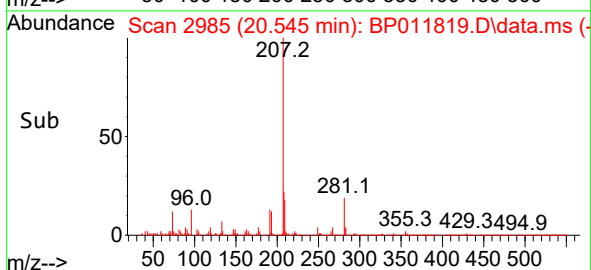
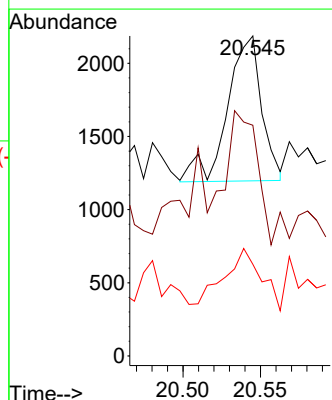
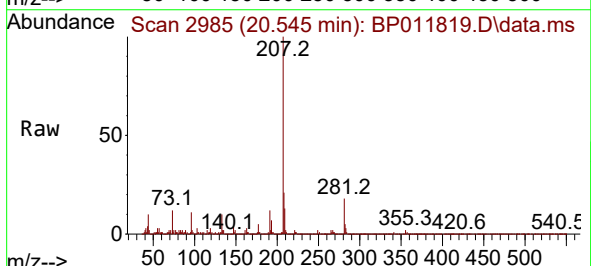
Tgt Ion:149 Resp: 1519

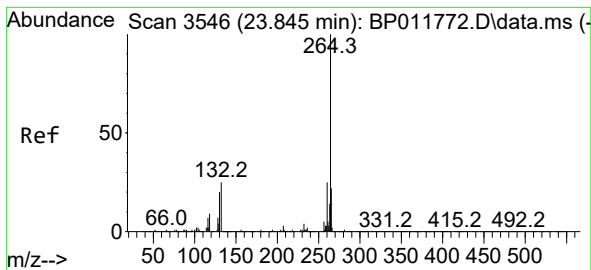
Ion Ratio Lower Upper

149 100

91 72.1 63.1 94.7

206 28.6 13.6 20.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.839 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP011819.D
 Acq: 27 Sep 2022 17:10

Instrument :
 BNA_P
 ClientSampleId :
 252672-6

Tgt Ion:264 Resp: 2018908
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 22.0 17.8 26.8

