

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011817.D
 Acq On : 27 Sep 2022 16:00
 Operator : CG/JU
 Sample : N4837-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 251563-4

Quant Time: Sep 28 02:08:15 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)

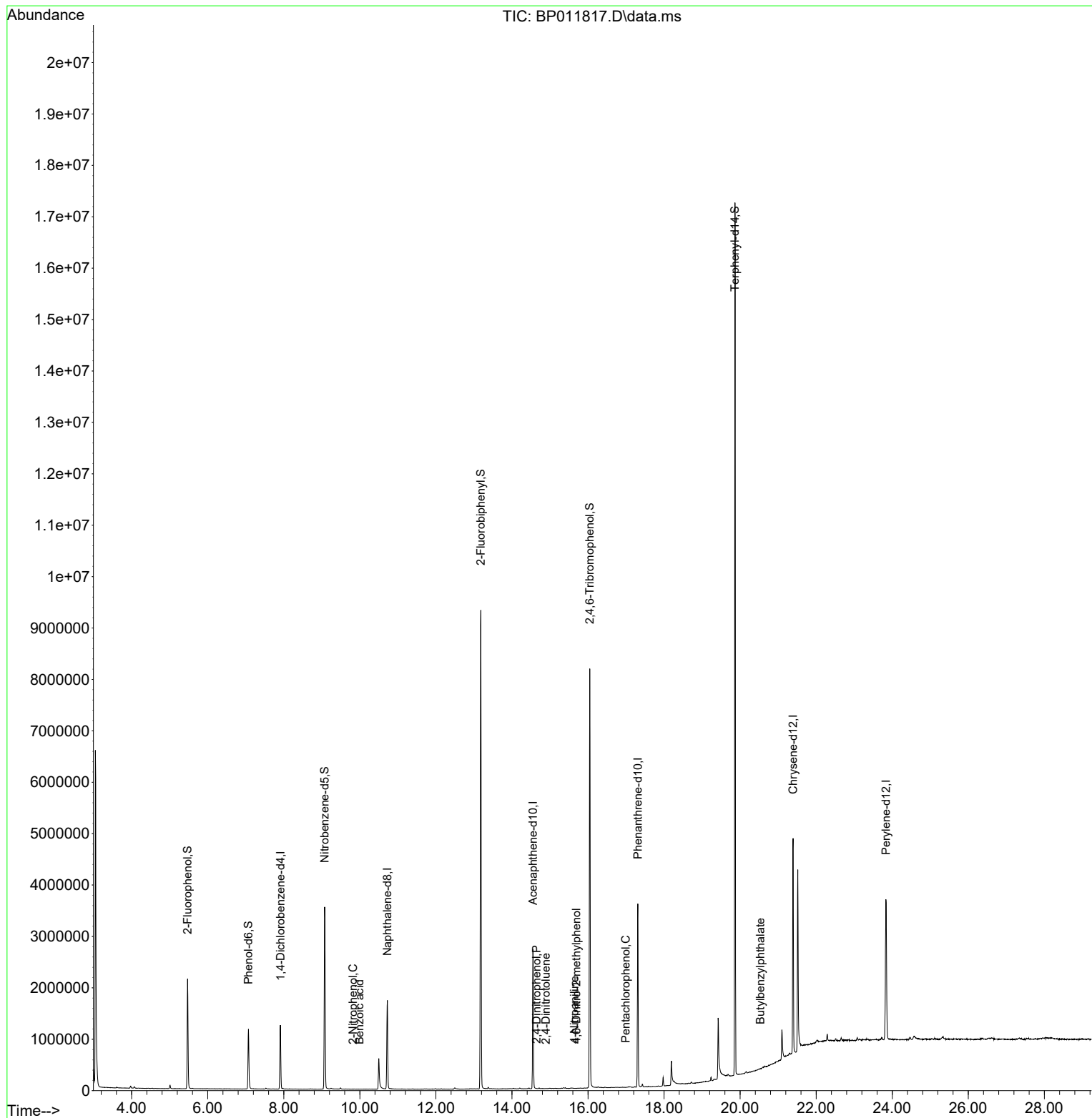
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	347794	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1495874	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	956159	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2072665	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1982576	20.000	ng	0.00
86) Perylene-d12	23.833	264	2016269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	1002718	50.586	ng	0.00
7) Phenol-d6	7.069	99	721701	24.624	ng	0.00
23) Nitrobenzene-d5	9.075	82	2098538	73.428	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1237366	192.189	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4848746	80.193	ng	0.00
79) Terphenyl-d14	19.863	244	7579717	87.907	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.822	139	36	3.334	ng	# 1
32) Benzoic acid	9.987	122	59	6.761	ng	# 1
54) 2,4-Dinitrophenol	14.646	184	17	6.728	ng	# 1
57) 2,4-Dinitrotoluene	14.893	165	147	2.546	ng	# 64
62) 4-Nitroaniline	15.645	138	13	2.386	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.693	198	10	5.621	ng	# 1
70) Pentachlorophenol	16.992	266	98	4.391	ng	# 52
80) Butylbenzylphthalate	20.533	149	989	2.698	ng	# 75

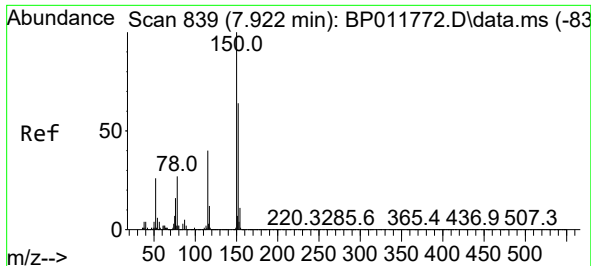
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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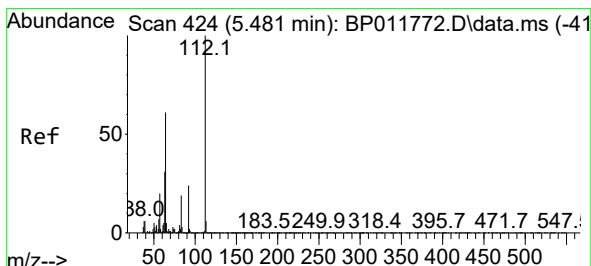
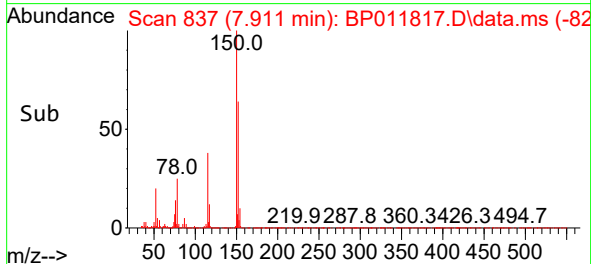
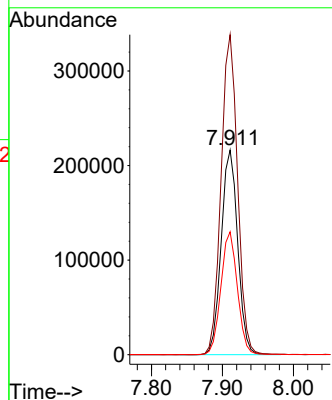
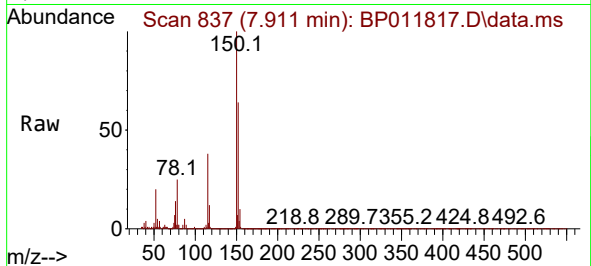




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

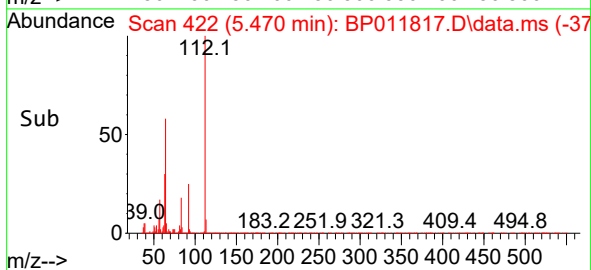
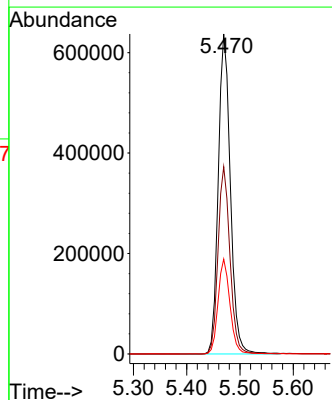
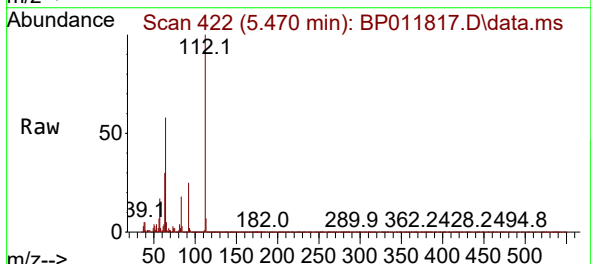
Instrument :
BNA_P
ClientSampleId :
251563-4

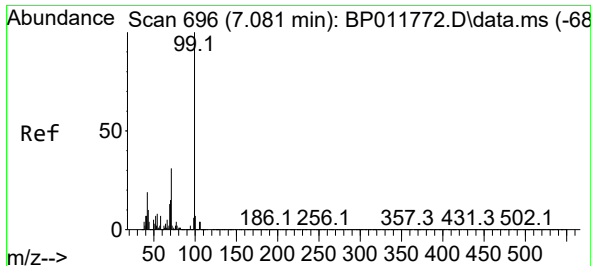
Tgt Ion:152 Resp: 347794
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.4
115 60.0 50.0 75.0



#5
2-Fluorophenol
Concen: 50.586 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

Tgt Ion:112 Resp: 1002718
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 29.6 25.2 37.8

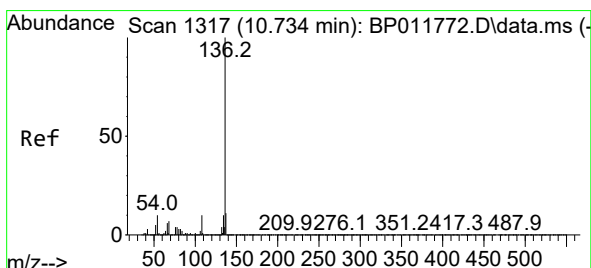
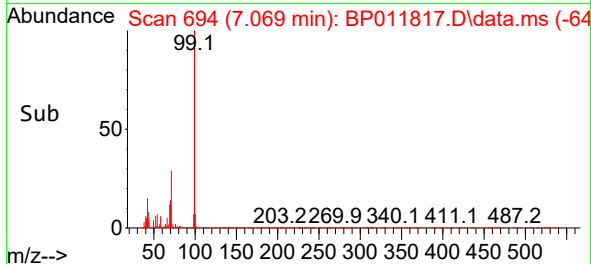
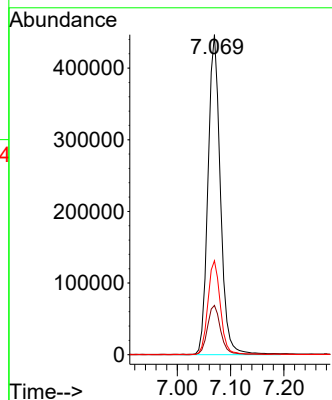
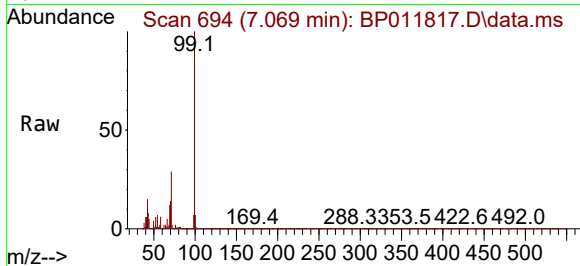




#7
Phenol-d6
Concen: 24.624 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

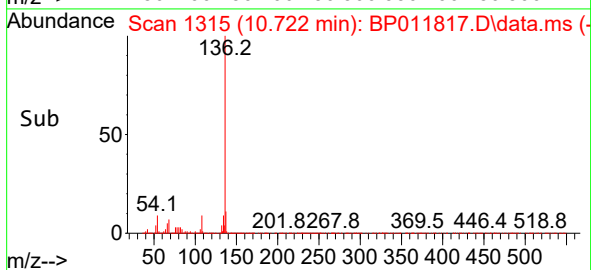
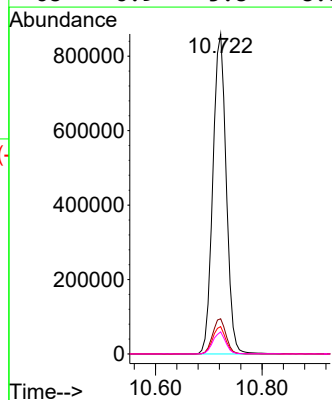
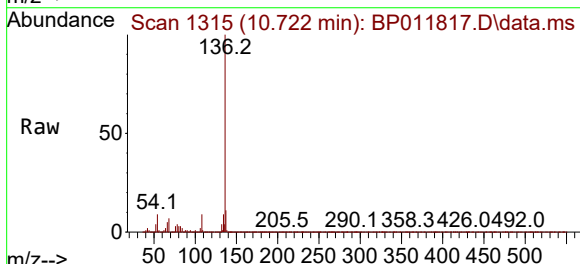
Instrument :
BNA_P
ClientSampleId :
251563-4

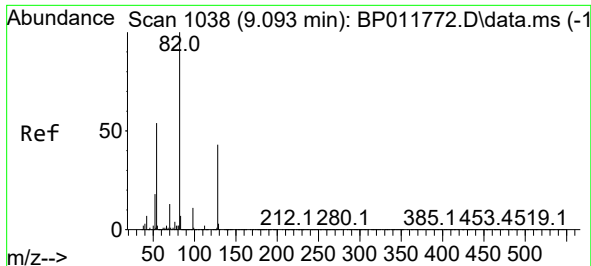
Tgt Ion: 99 Resp: 721701
Ion Ratio Lower Upper
99 100
42 15.4 15.4 23.2#
71 29.4 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

Tgt Ion: 136 Resp: 1495874
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 8.2 12.4
68 6.9 5.8 8.8

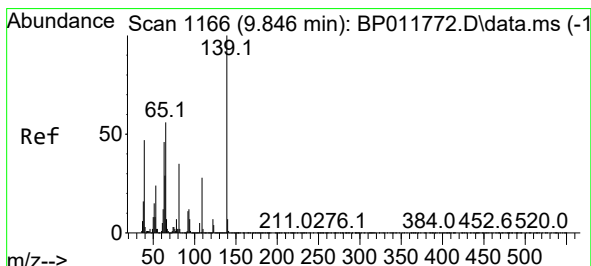
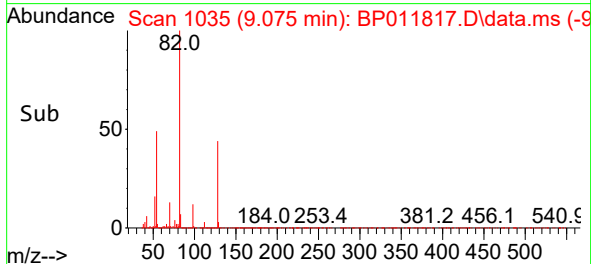
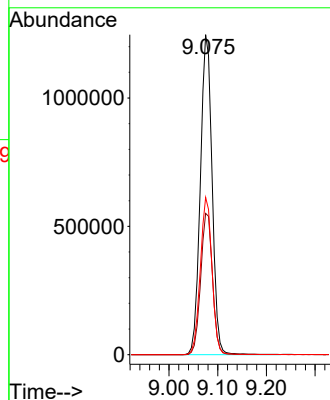
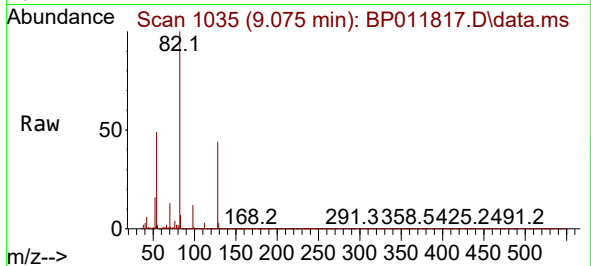




#23
Nitrobenzene-d5
Concen: 73.428 ng
RT: 9.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

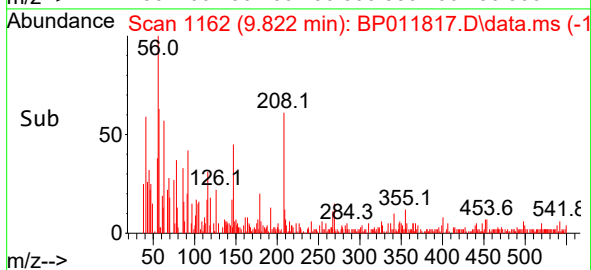
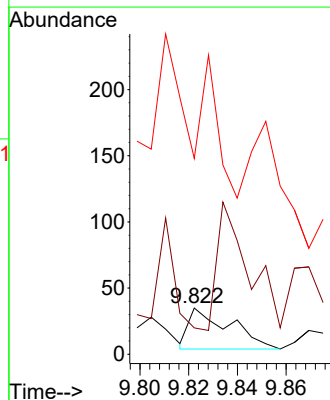
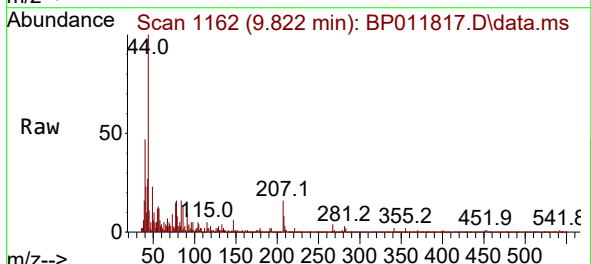
Instrument :
BNA_P
ClientSampleId :
251563-4

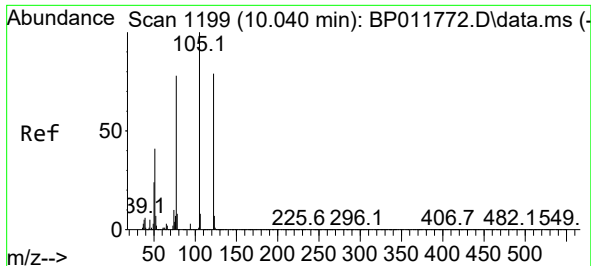
Tgt Ion: 82 Resp: 2098538
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 49.1 43.1 64.7



#26
2-Nitrophenol
Concen: 3.334 ng
RT: 9.822 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

Tgt Ion:139 Resp: 36
Ion Ratio Lower Upper
139 100
109 57.1 22.6 34.0#
65 422.9 44.7 67.1#

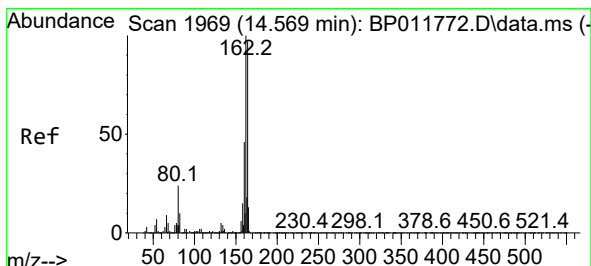
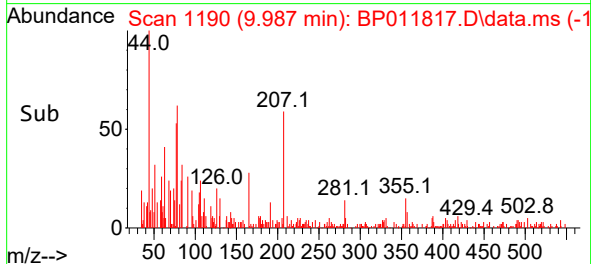
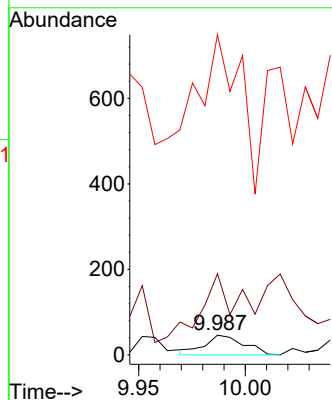
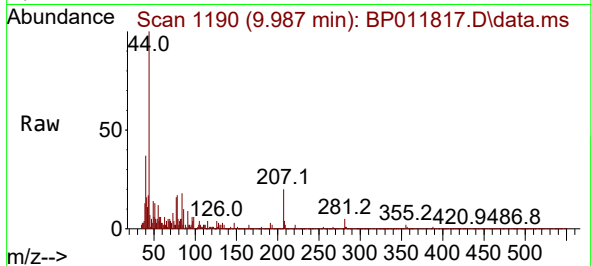




#32
Benzoic acid
Concen: 6.761 ng
RT: 9.987 min Scan# 1199
Delta R.T. -0.029 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

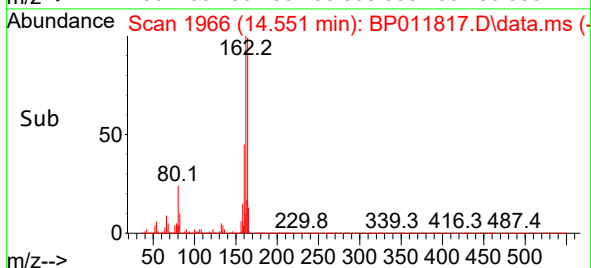
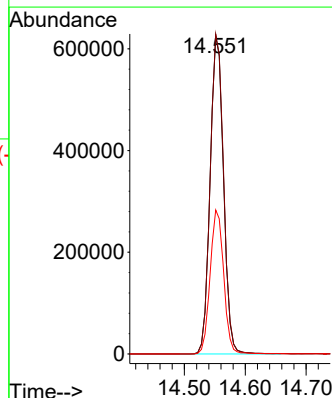
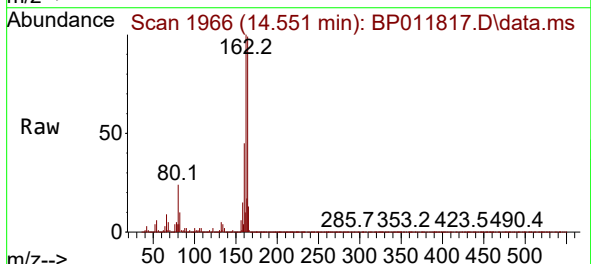
Instrument :
BNA_P
ClientSampleId :
251563-4

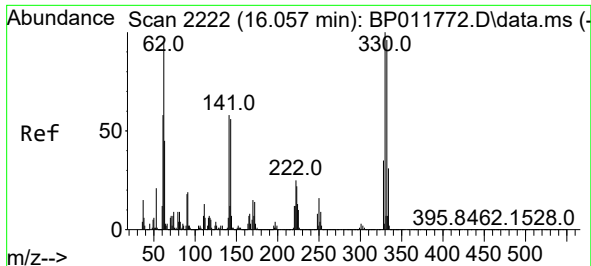
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 413.0 101.0 141.0#
77 1628.3 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

Tgt Ion:164 Resp: 956159
Ion Ratio Lower Upper
164 100
162 100.6 82.5 123.7
160 45.3 37.8 56.6

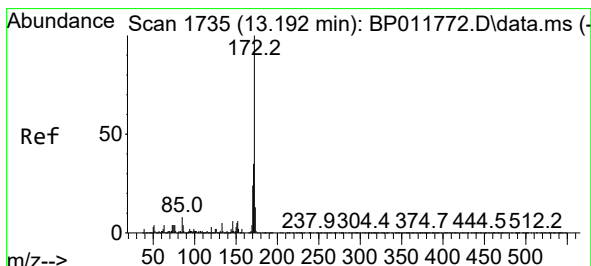
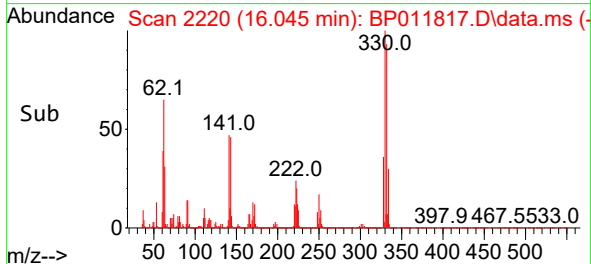
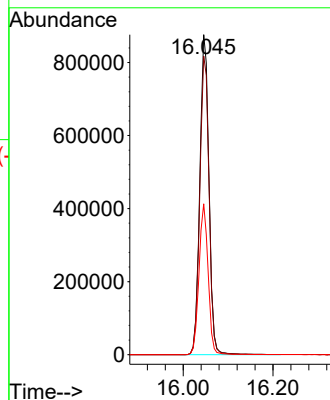
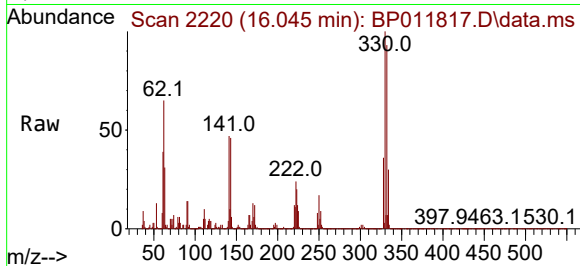




#42
 2,4,6-Tribromophenol
 Concen: 192.189 ng
 RT: 16.045 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP011817.D
 Acq: 27 Sep 2022 16:00

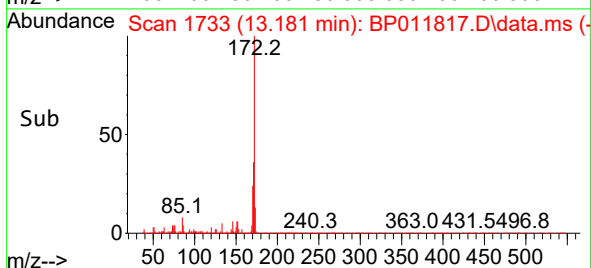
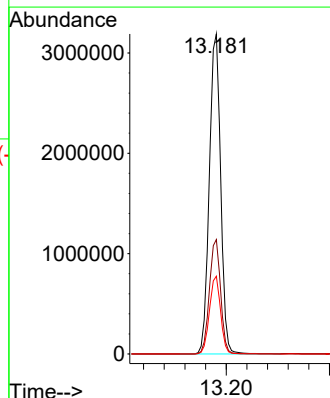
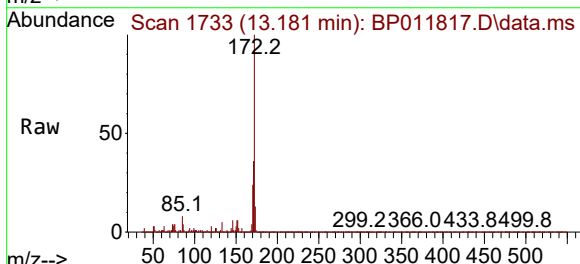
Instrument :
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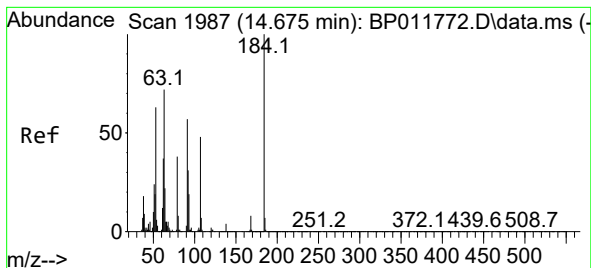
Tgt Ion:330 Resp: 1237366
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 47.2 48.7 73.1#



#45
 2-Fluorobiphenyl
 Concen: 80.193 ng
 RT: 13.181 min Scan# 1733
 Delta R.T. 0.000 min
 Lab File: BP011817.D
 Acq: 27 Sep 2022 16:00

Tgt Ion:172 Resp: 4848746
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.9 41.9
 170 24.3 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.728 ng

RT: 14.646 min Scan# 1987

Delta R.T. -0.018 min

Lab File: BP011817.D

Acq: 27 Sep 2022 16:00

Instrument :

BNA_P

ClientSampleId :

251563-4

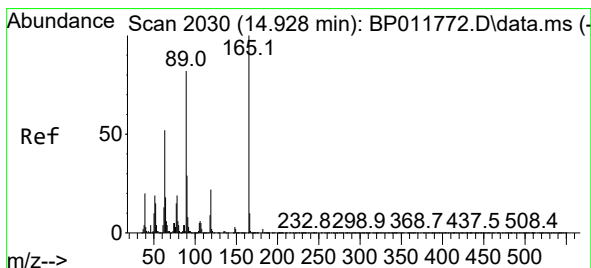
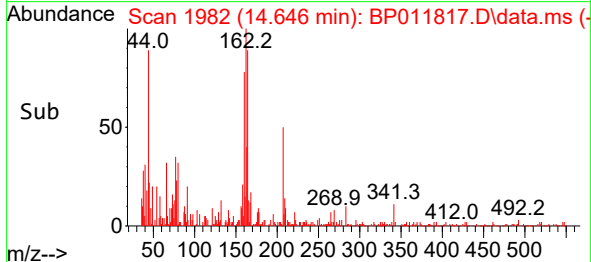
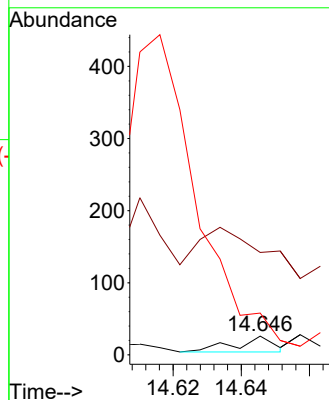
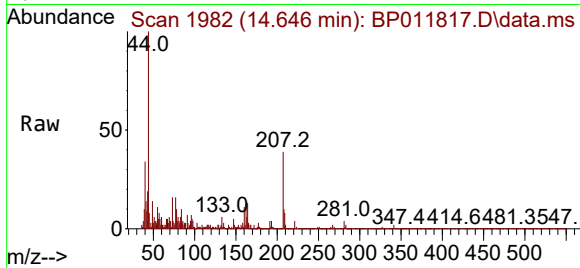
Tgt Ion:184 Resp: 17

Ion Ratio Lower Upper

184 100

63 546.2 65.7 98.5#

154 223.1 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.546 ng

RT: 14.893 min Scan# 2024

Delta R.T. -0.023 min

Lab File: BP011817.D

Acq: 27 Sep 2022 16:00

Tgt Ion:165 Resp: 147

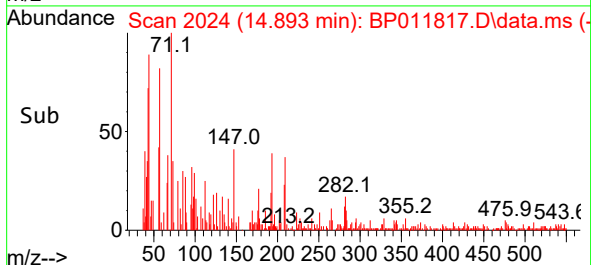
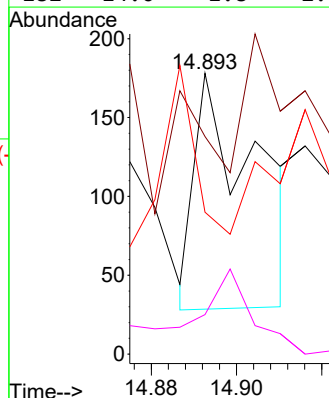
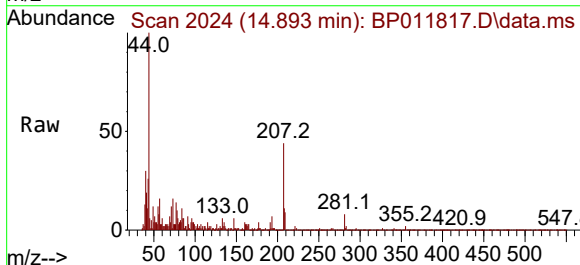
Ion Ratio Lower Upper

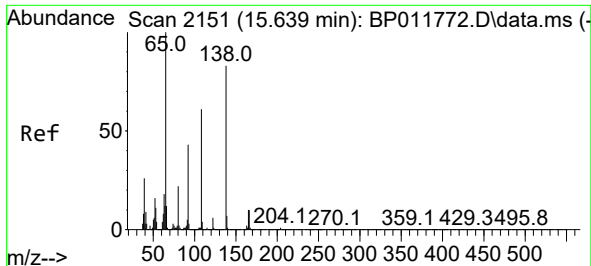
165 100

63 77.5 41.4 62.2#

89 50.6 66.0 99.0#

182 14.0 1.8 2.8#

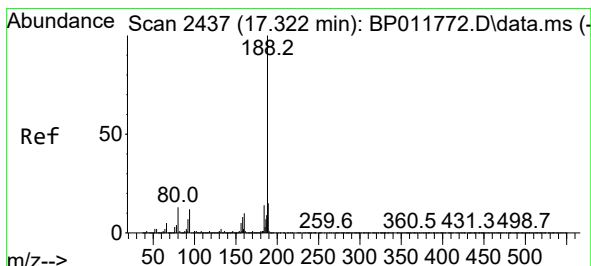
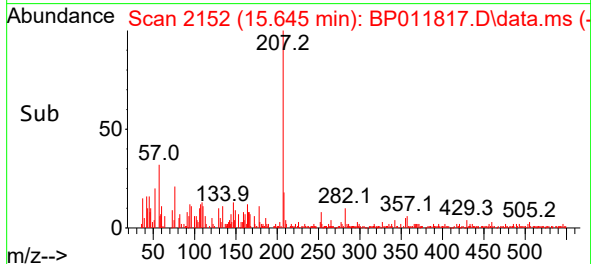
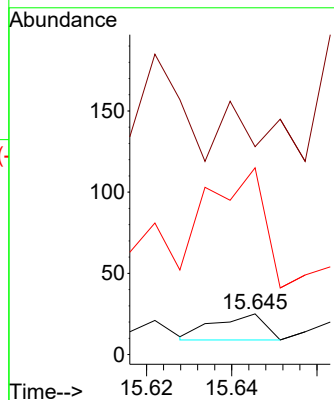
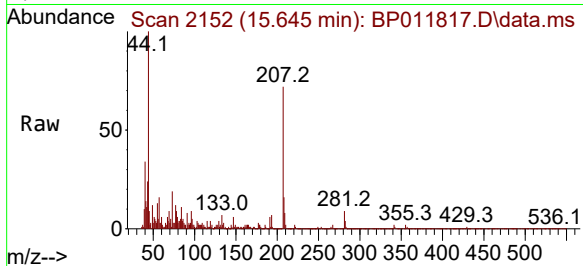




#62
4-Nitroaniline
Concen: 2.386 ng
RT: 15.645 min Scan# 2151
Delta R.T. 0.018 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

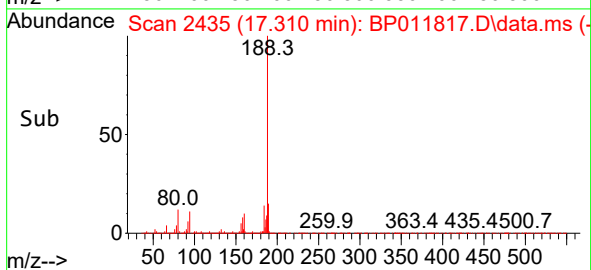
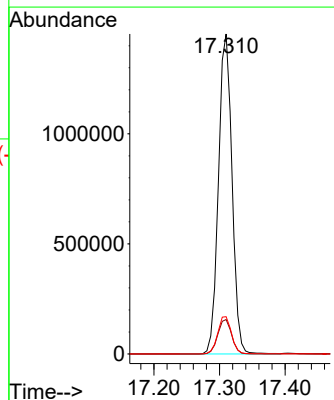
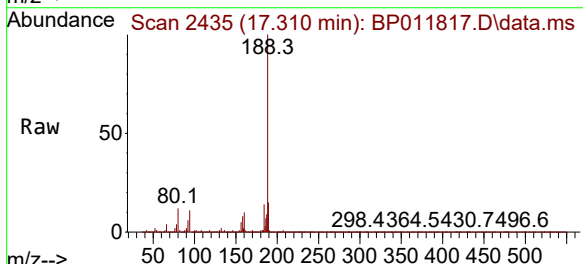
Instrument :
BNA_P
ClientSampleId :
251563-4

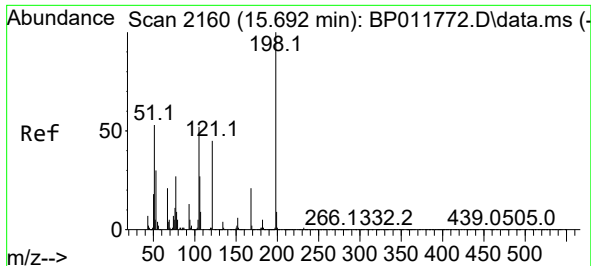
Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
92 512.0 31.9 71.9#
108 460.0 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

Tgt Ion:188 Resp: 2072665
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.0
80 11.7 10.6 15.8

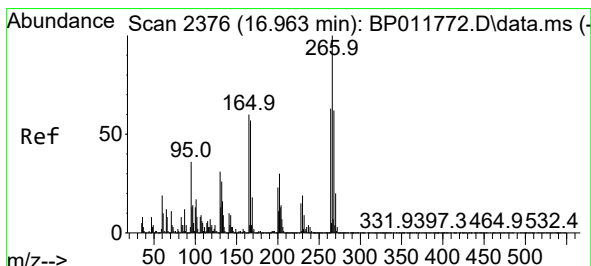
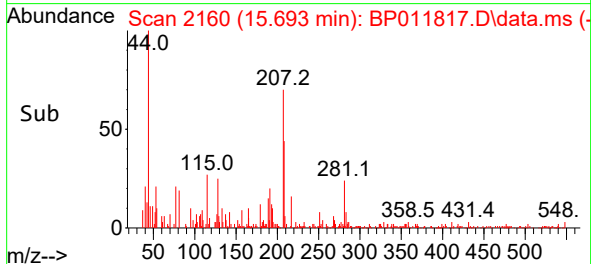
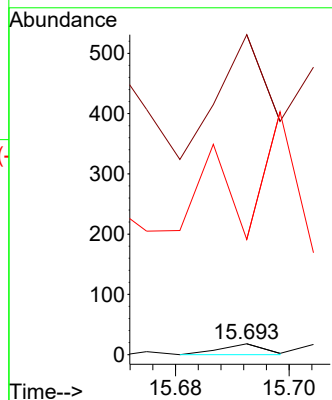
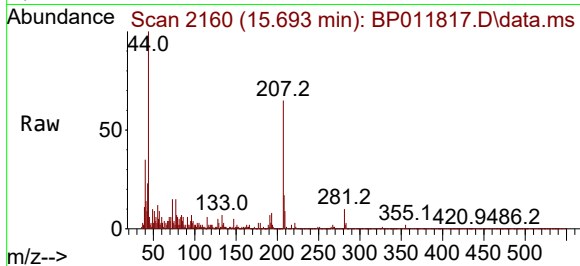




#65
4,6-Dinitro-2-methylphenol
Concen: 5.621 ng
RT: 15.693 min Scan# 2160
Delta R.T. 0.012 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

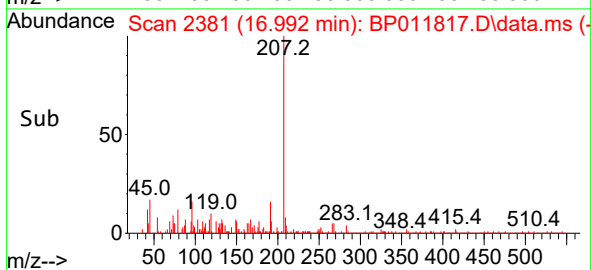
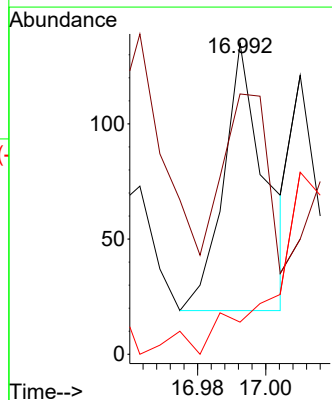
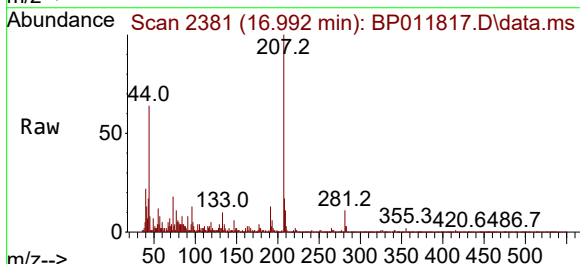
Instrument :
BNA_P
ClientSampleId :
251563-4

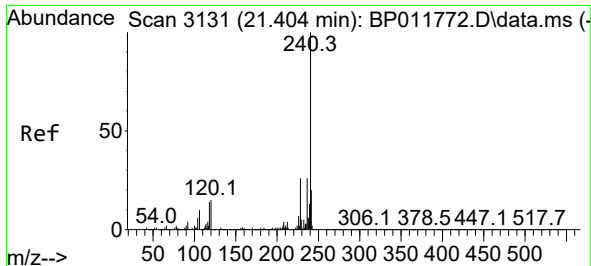
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 2950.0 41.6 81.6#
105 1061.1 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.391 ng
RT: 16.992 min Scan# 2381
Delta R.T. 0.035 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

Tgt Ion:266 Resp: 98
Ion Ratio Lower Upper
266 100
268 83.7 49.7 74.5#
264 10.4 50.6 75.8#

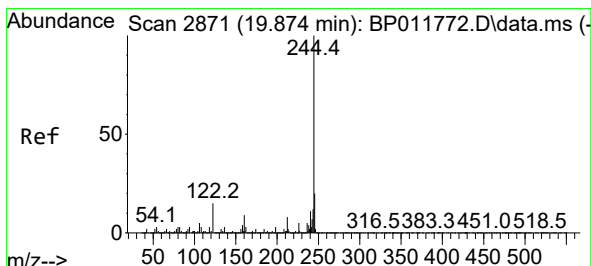
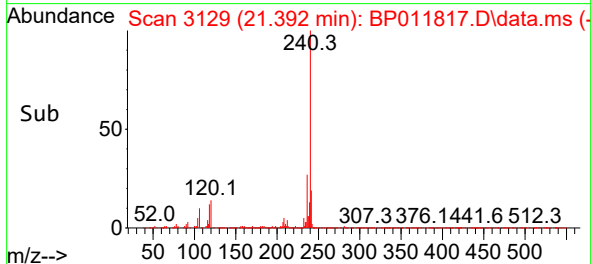
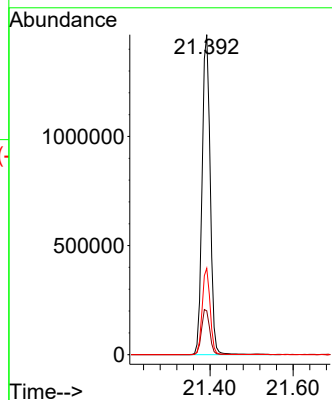
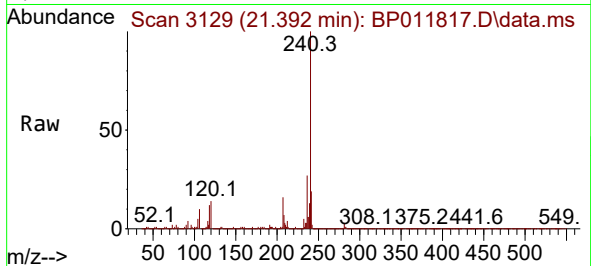




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

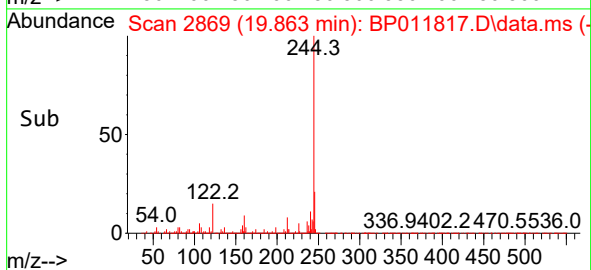
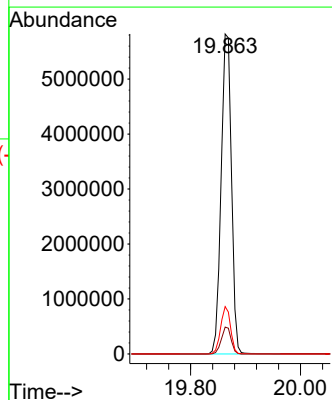
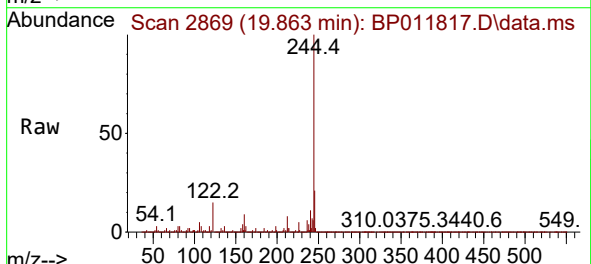
Instrument :
BNA_P
ClientSampleId :
251563-4

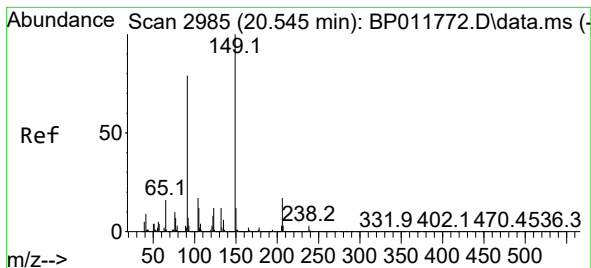
Tgt Ion:240 Resp: 1982576
Ion Ratio Lower Upper
240 100
120 13.7 12.0 18.0
236 27.0 21.1 31.7



#79
Terphenyl-d14
Concen: 87.907 ng
RT: 19.863 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP011817.D
Acq: 27 Sep 2022 16:00

Tgt Ion:244 Resp: 7579717
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 14.8 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.698 ng

RT: 20.533 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP011817.D

Acq: 27 Sep 2022 16:00

Instrument :

BNA_P

ClientSampleId :

251563-4

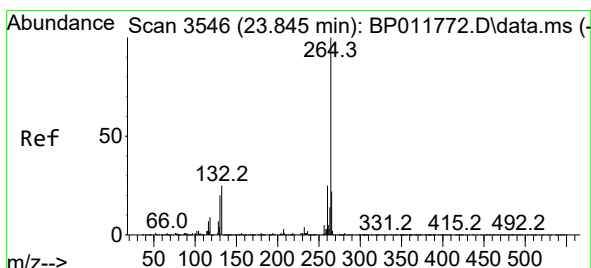
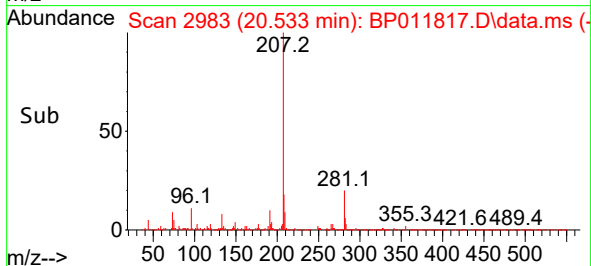
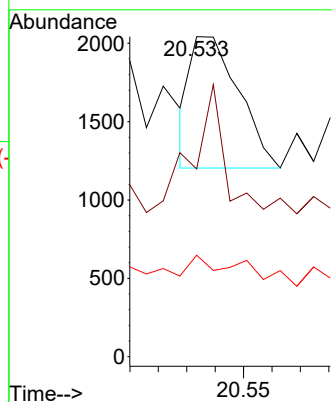
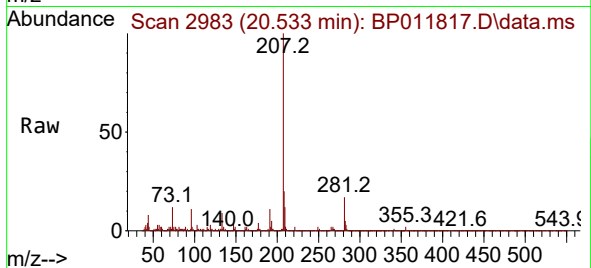
Tgt Ion:149 Resp: 989

Ion Ratio Lower Upper

149 100

91 58.7 63.1 94.7#

206 31.7 13.6 20.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3544

Delta R.T. -0.006 min

Lab File: BP011817.D

Acq: 27 Sep 2022 16:00

Tgt Ion:264 Resp: 2016269

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 22.2 17.8 26.8

