

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011815.D
 Acq On : 27 Sep 2022 14:50
 Operator : CG/JU
 Sample : N4835-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 529317-4

Quant Time: Sep 28 02:07:45 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)

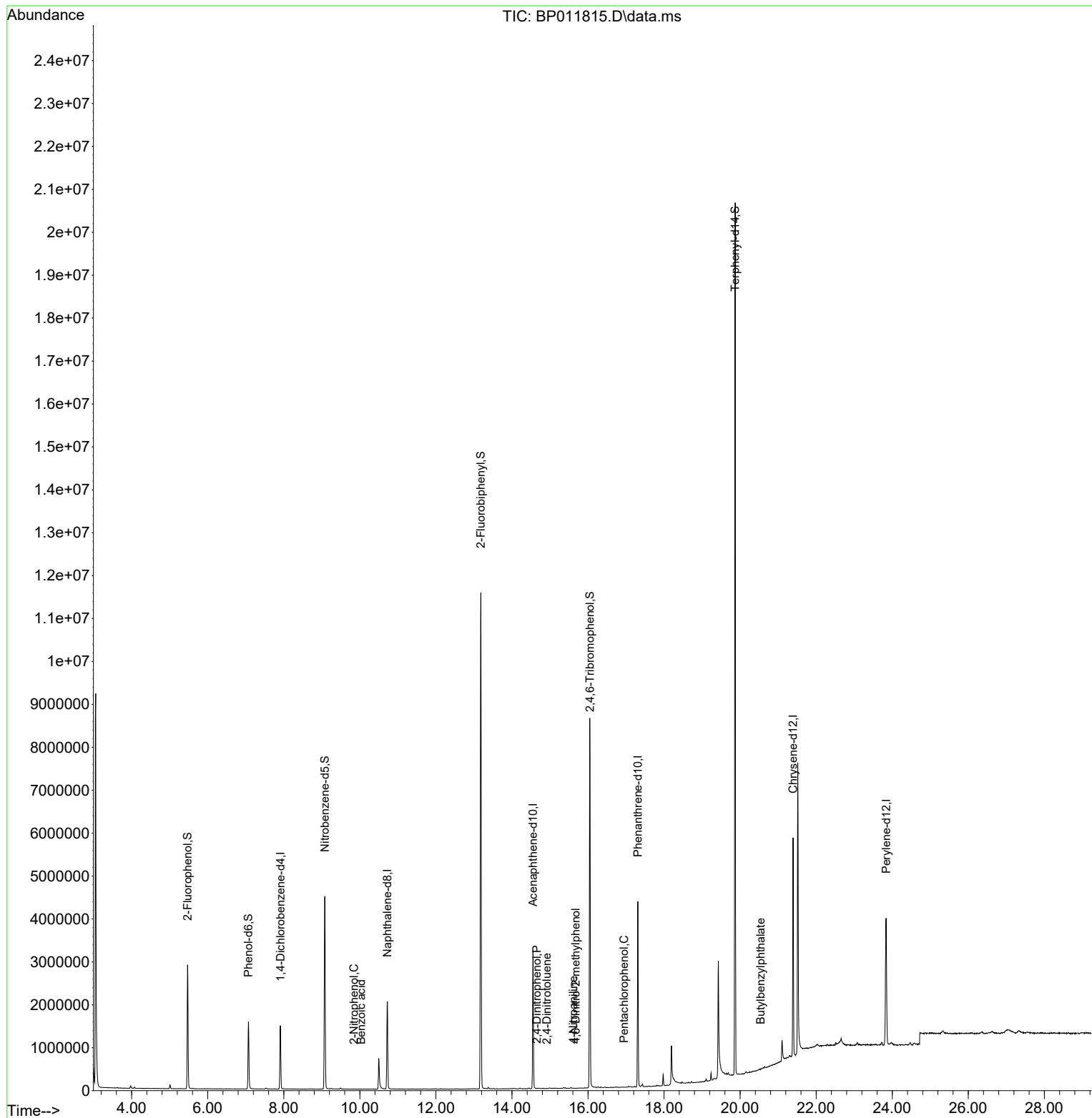
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	415074	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1760626	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1127930	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2410778	20.000	ng	0.00
76) Chrysene-d12	21.392	240	2248810	20.000	ng	0.00
86) Perylene-d12	23.839	264	2165870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1340531	56.667	ng	0.00
7) Phenol-d6	7.069	99	976260	27.910	ng	0.00
23) Nitrobenzene-d5	9.081	82	2687776	79.903	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1330972	175.246	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	6059594	84.957	ng	0.00
79) Terphenyl-d14	19.869	244	9183409	93.897	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.846	139	28	3.333	ng	# 1
32) Benzoic acid	10.034	122	92	6.762	ng	# 1
54) 2,4-Dinitrophenol	14.651	184	34	6.730	ng	# 1
57) 2,4-Dinitrotoluene	14.916	165	115	2.543	ng	# 49
62) 4-Nitroaniline	15.610	138	143	2.391	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.675	198	23	5.622	ng	# 1
70) Pentachlorophenol	16.951	266	130	4.392	ng	# 44
80) Butylbenzylphthalate	20.539	149	1688	2.705	ng	# 87

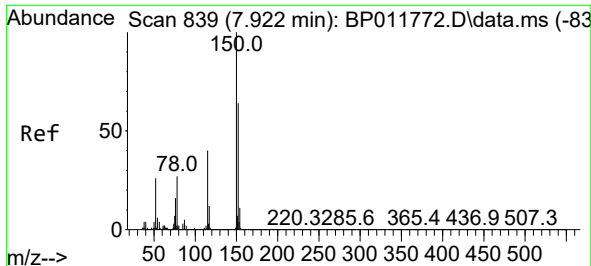
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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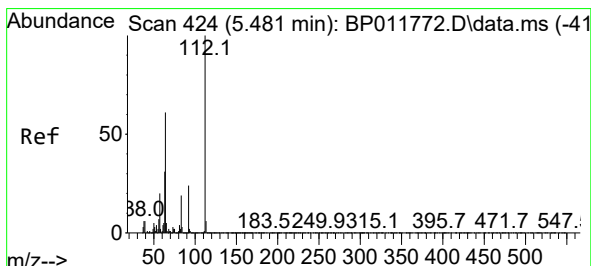
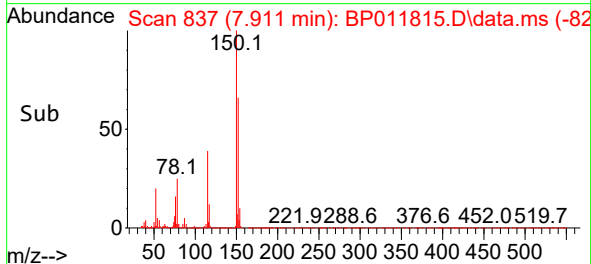
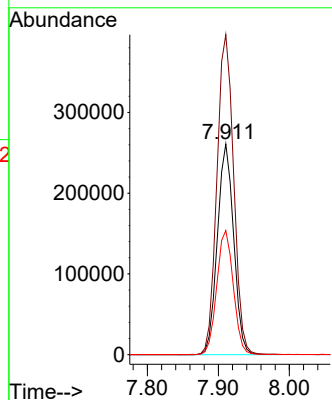
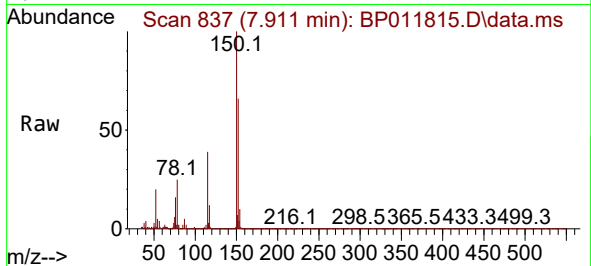




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

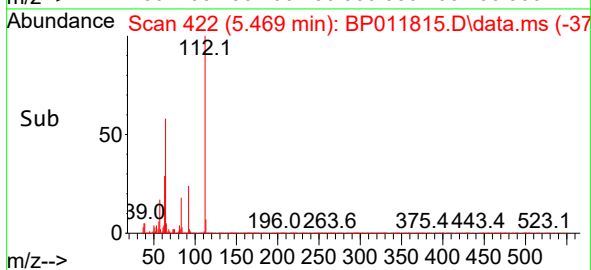
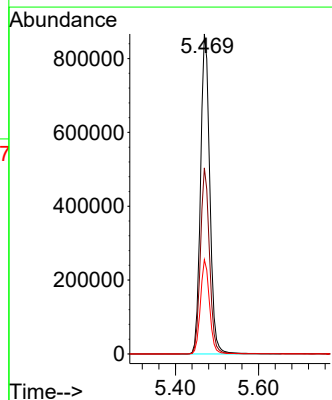
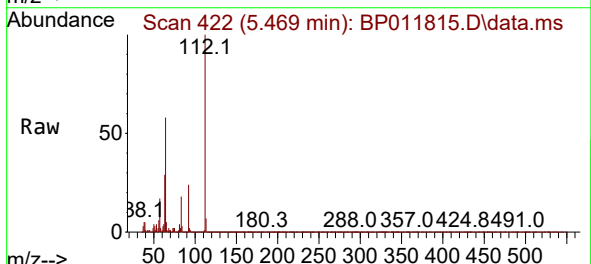
Instrument :
BNA_P
ClientSampleId :
529317-4

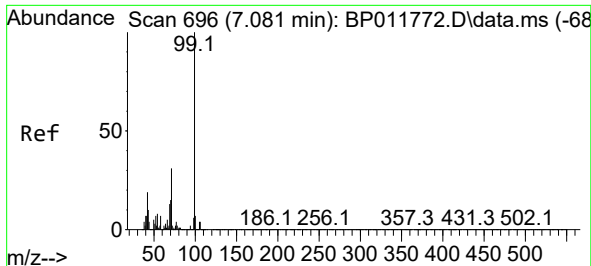
Tgt Ion:152 Resp: 415074
Ion Ratio Lower Upper
152 100
150 151.9 124.2 186.4
115 58.9 50.0 75.0



#5
2-Fluorophenol
Concen: 56.667 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

Tgt Ion:112 Resp: 1340531
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 29.4 25.2 37.8

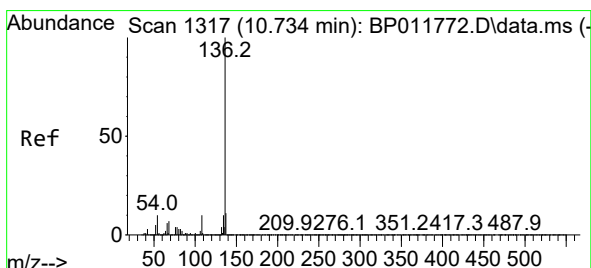
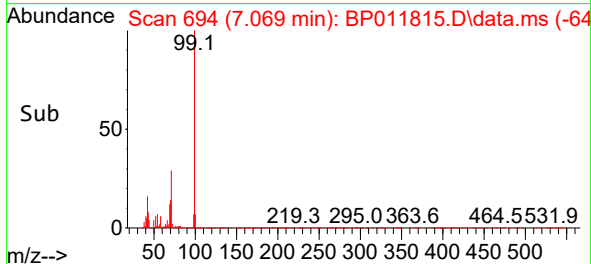
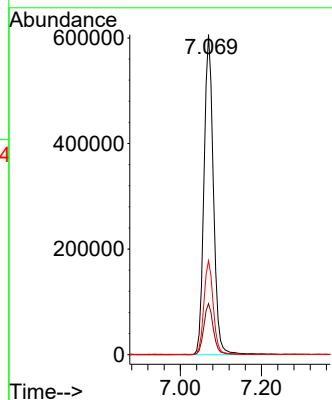
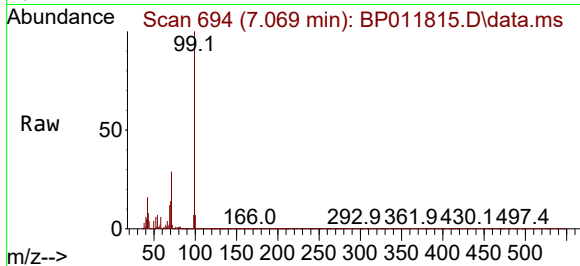




#7
Phenol-d6
Concen: 27.910 ng
RT: 7.069 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

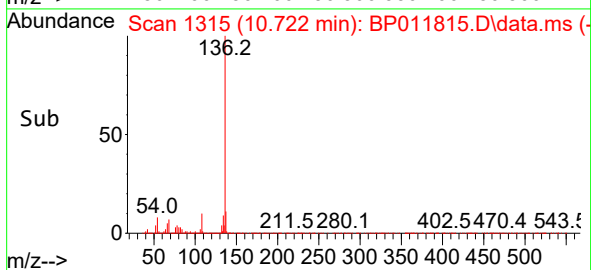
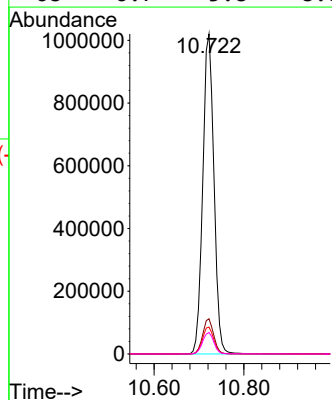
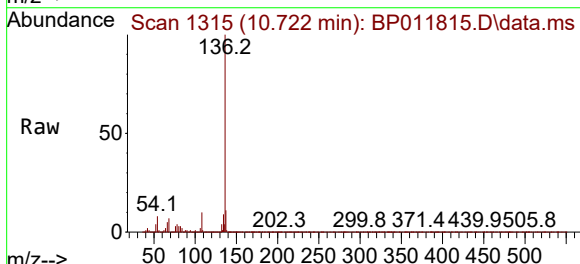
Instrument :
BNA_P
ClientSampleId :
529317-4

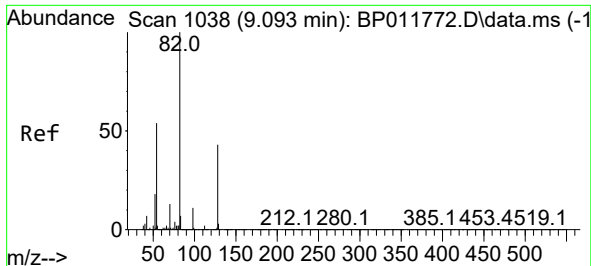
Tgt Ion: 99 Resp: 976260
Ion Ratio Lower Upper
99 100
42 15.9 15.4 23.2
71 29.3 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

Tgt Ion: 136 Resp: 1760626
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.4 8.2 12.4
68 6.7 5.8 8.8

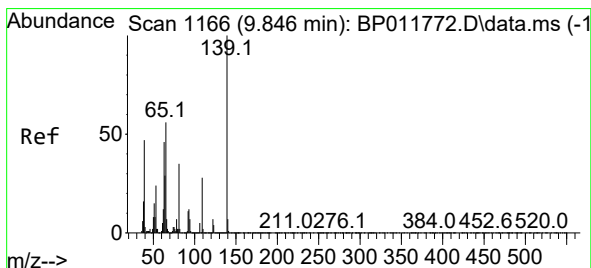
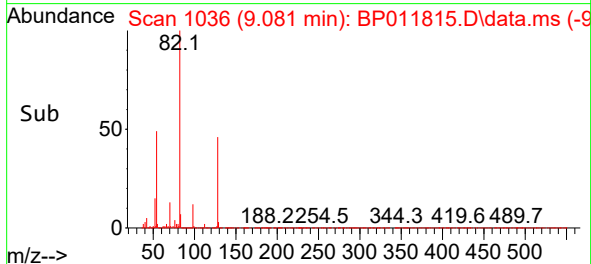
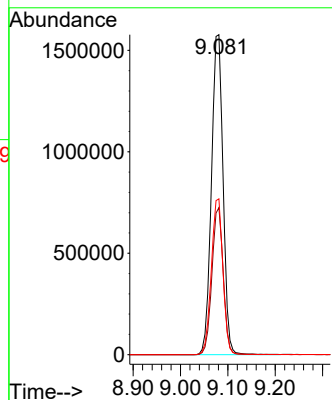
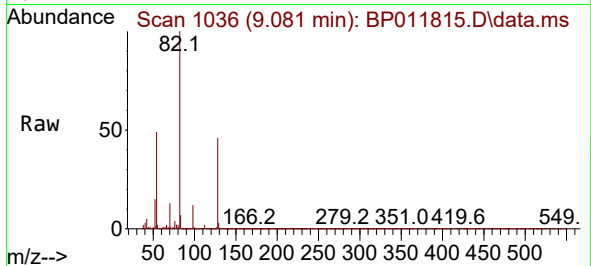




#23
Nitrobenzene-d5
Concen: 79.903 ng
RT: 9.081 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

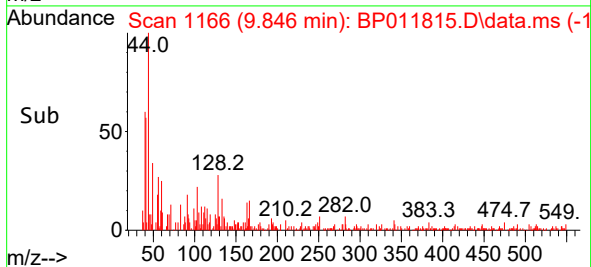
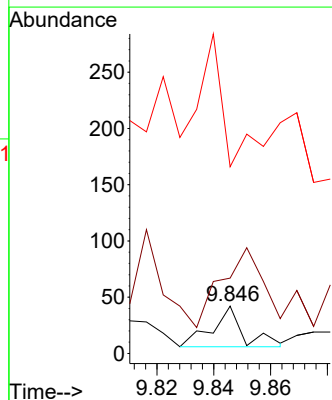
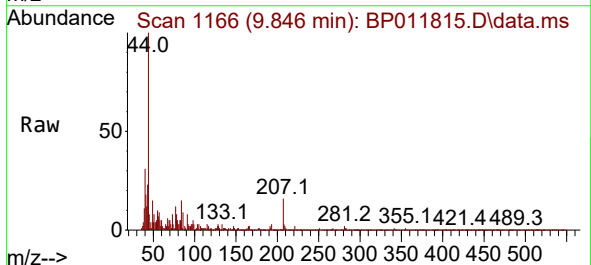
Instrument :
BNA_P
ClientSampleId :
529317-4

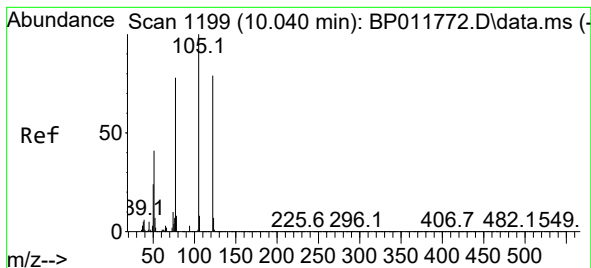
Tgt Ion: 82 Resp: 2687776
Ion Ratio Lower Upper
82 100
128 46.0 34.2 51.4
54 48.7 43.1 64.7



#26
2-Nitrophenol
Concen: 3.333 ng
RT: 9.846 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

Tgt Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 159.5 22.6 34.0#
65 395.2 44.7 67.1#





#32

Benzoic acid

Concen: 6.762 ng

RT: 10.034 min Scan# 1199

Delta R.T. 0.018 min

Lab File: BP011815.D

Acq: 27 Sep 2022 14:50

Instrument :

BNA_P

ClientSampleId :

529317-4

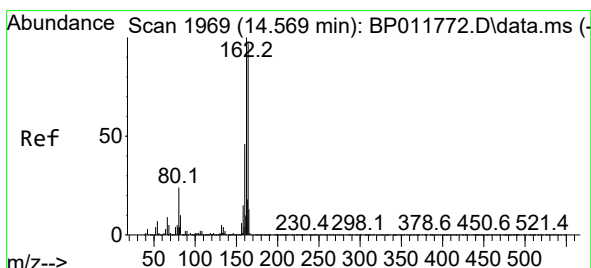
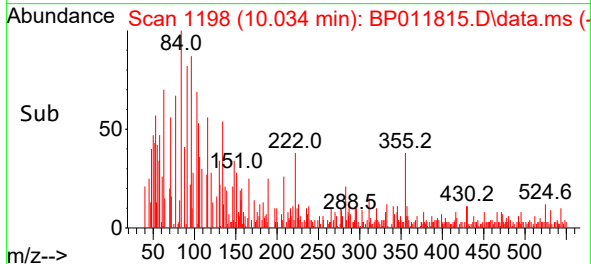
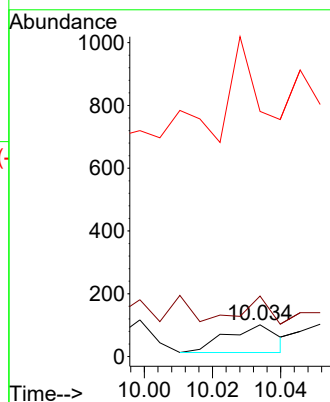
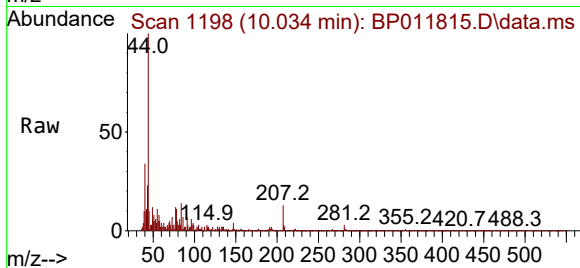
Tgt Ion:122 Resp: 92

Ion Ratio Lower Upper

122 100

105 191.1 101.0 141.0#

77 773.3 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: BP011815.D

Acq: 27 Sep 2022 14:50

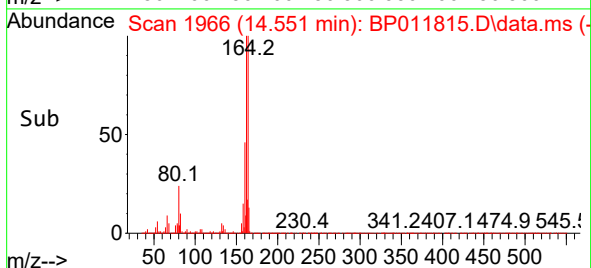
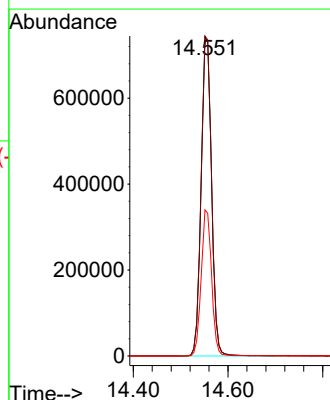
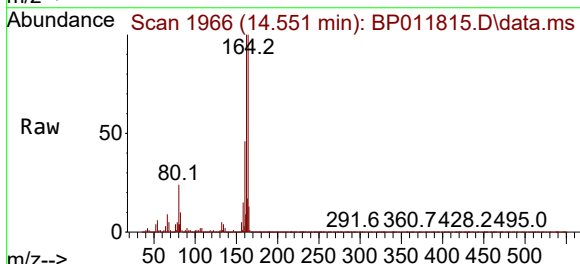
Tgt Ion:164 Resp: 1127930

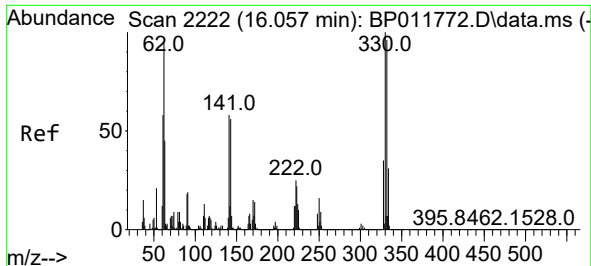
Ion Ratio Lower Upper

164 100

162 100.3 82.5 123.7

160 45.8 37.8 56.6

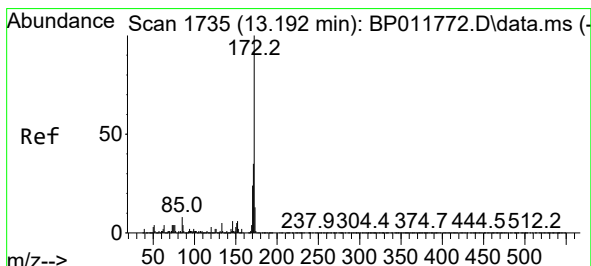
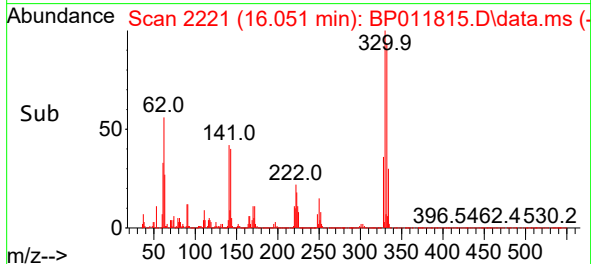
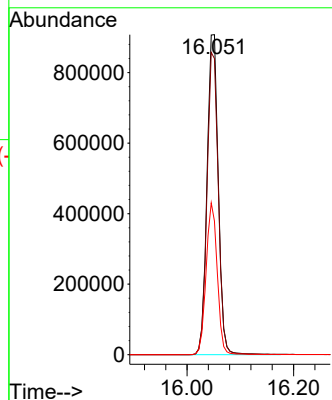
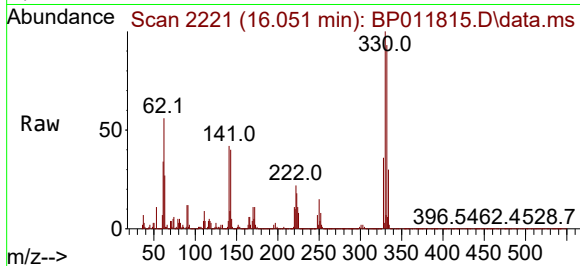




#42
2,4,6-Tribromophenol
Concen: 175.246 ng
RT: 16.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

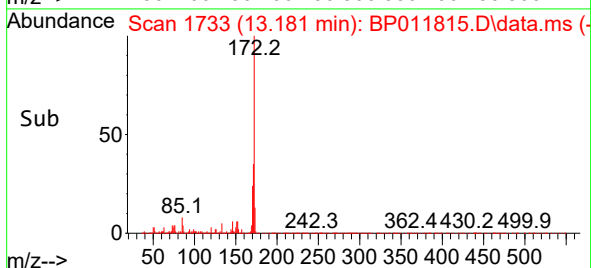
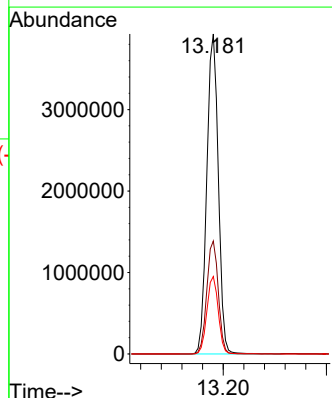
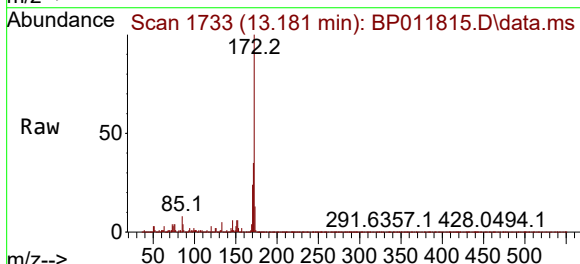
Instrument :
BNA_P
ClientSampleId :
529317-4

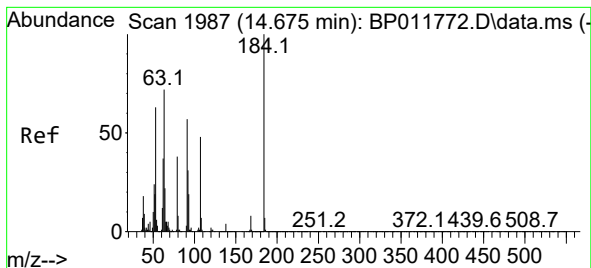
Tgt Ion:330 Resp: 1330972
Ion Ratio Lower Upper
330 100
332 94.5 76.6 114.8
141 46.8 48.7 73.1#



#45
2-Fluorobiphenyl
Concen: 84.957 ng
RT: 13.181 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

Tgt Ion:172 Resp: 6059594
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.2 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.730 ng

RT: 14.651 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BP011815.D

Acq: 27 Sep 2022 14:50

Instrument :

BNA_P

ClientSampleId :

529317-4

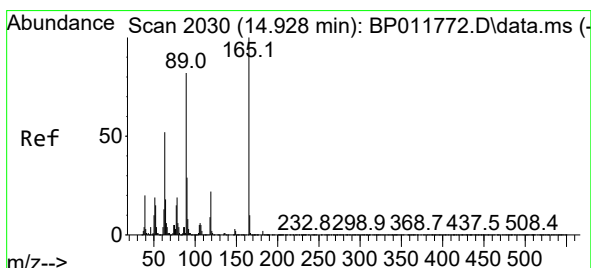
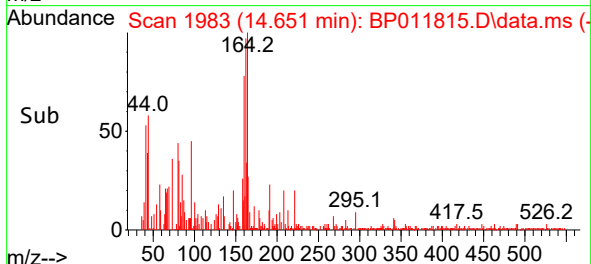
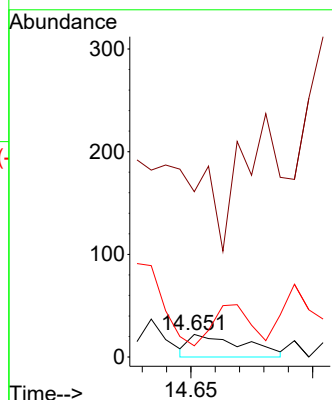
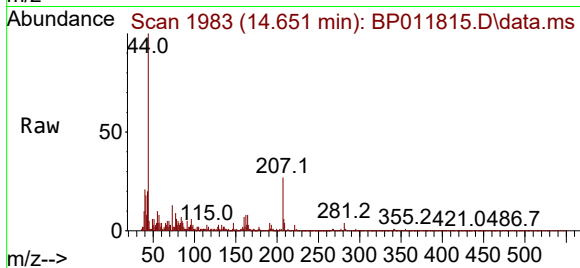
Tgt Ion:184 Resp: 34

Ion Ratio Lower Upper

184 100

63 731.8 65.7 98.5#

154 50.0 48.2 72.4



#57

2,4-Dinitrotoluene

Concen: 2.543 ng

RT: 14.916 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BP011815.D

Acq: 27 Sep 2022 14:50

Tgt Ion:165 Resp: 115

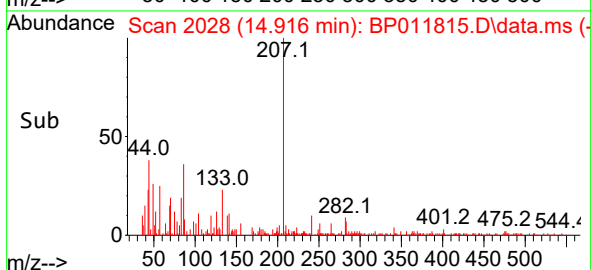
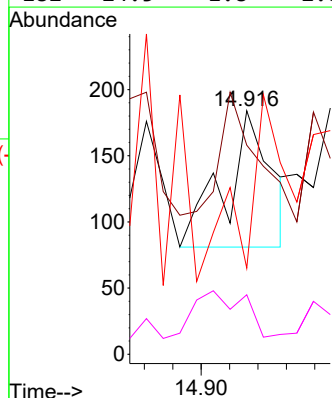
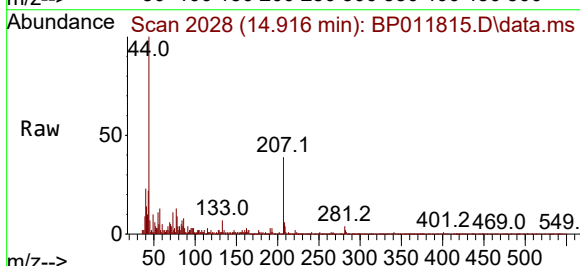
Ion Ratio Lower Upper

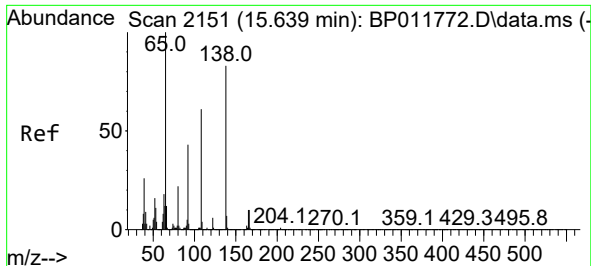
165 100

63 85.9 41.4 62.2#

89 35.3 66.0 99.0#

182 24.5 1.8 2.8#

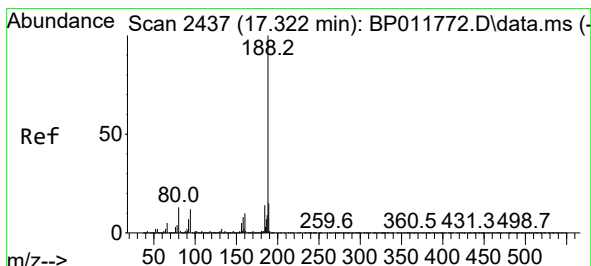
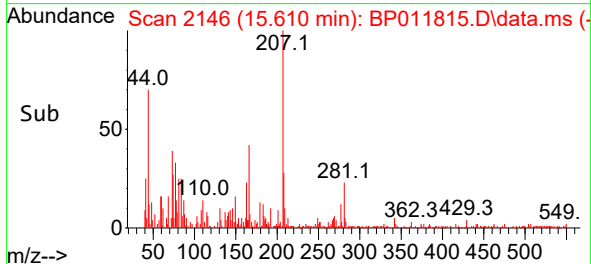
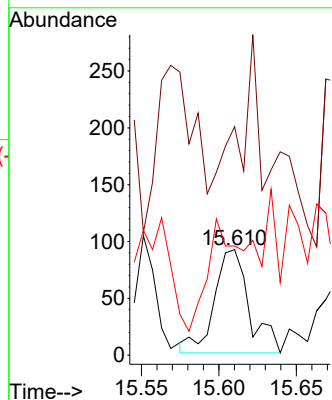
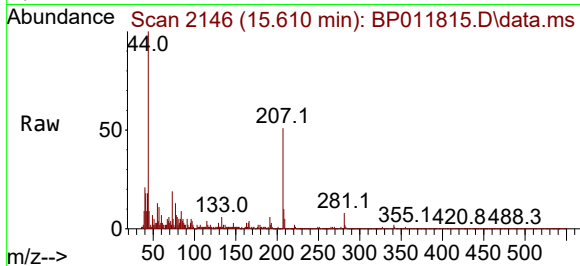




#62
4-Nitroaniline
Concen: 2.391 ng
RT: 15.610 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

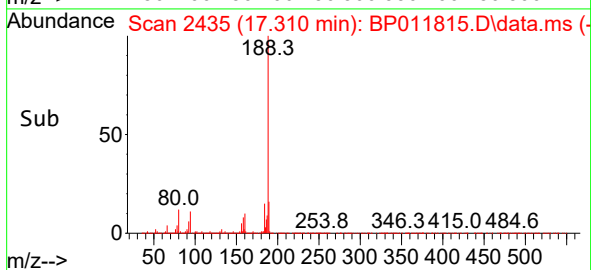
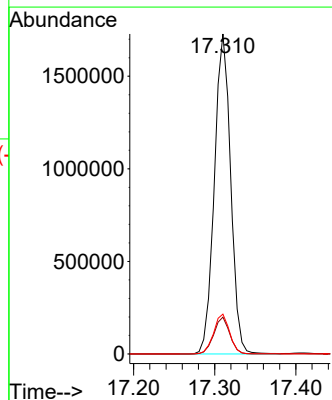
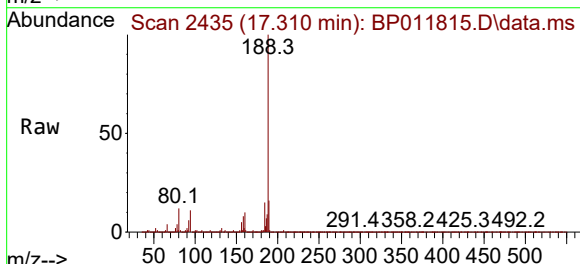
Instrument :
BNA_P
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529317-4

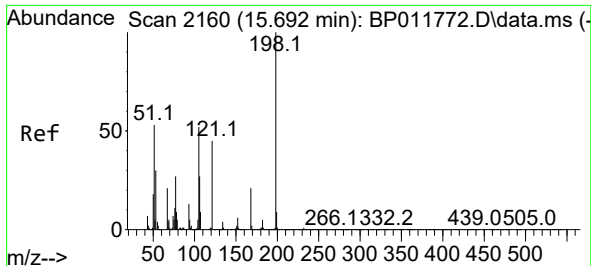
Tgt Ion:138 Resp: 143
Ion Ratio Lower Upper
138 100
92 216.1 31.9 71.9#
108 103.2 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

Tgt Ion:188 Resp: 2410778
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.0
80 12.5 10.6 15.8

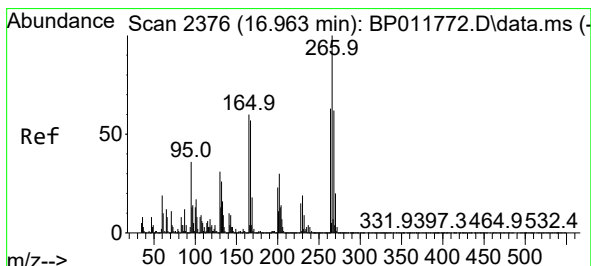
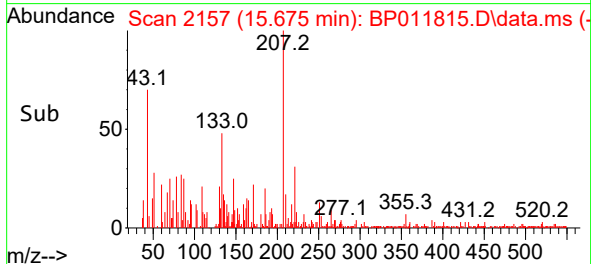
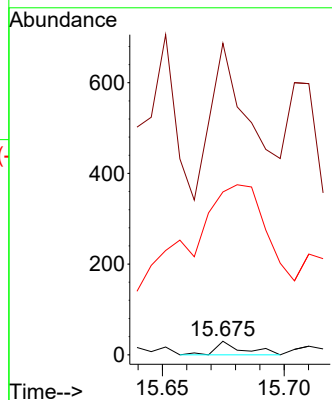
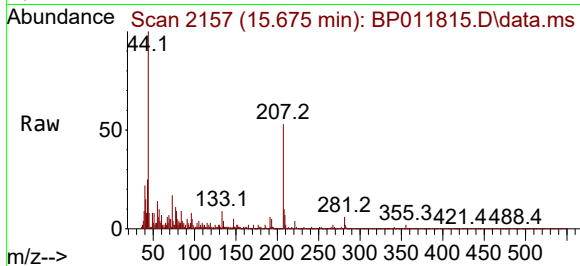




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.675 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

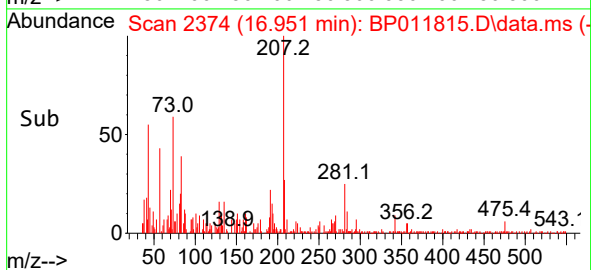
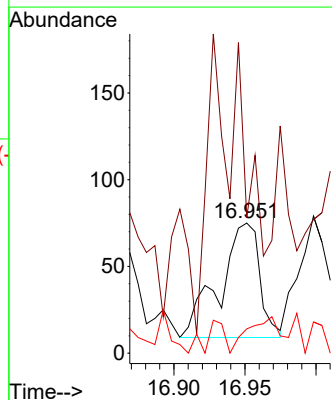
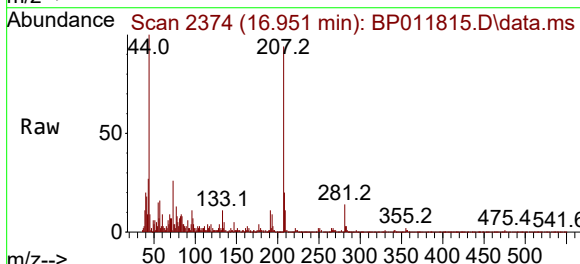
Instrument :
BNA_P
ClientSampleId :
529317-4

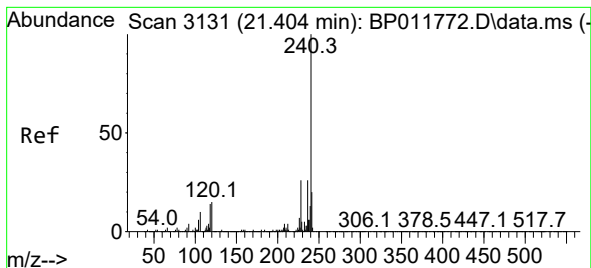
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 2290.0 41.6 81.6#
105 1196.7 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.392 ng
RT: 16.951 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

Tgt Ion:266 Resp: 130
Ion Ratio Lower Upper
266 100
268 104.0 49.7 74.5#
264 18.7 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: BP011815.D

Acq: 27 Sep 2022 14:50

Instrument :

BNA_P

ClientSampleId :

529317-4

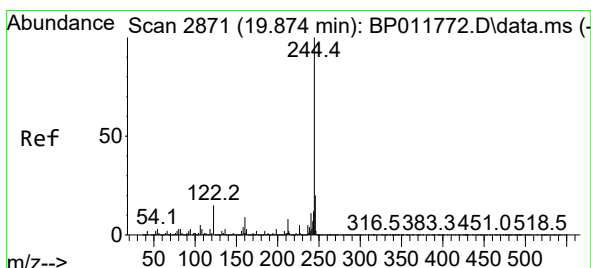
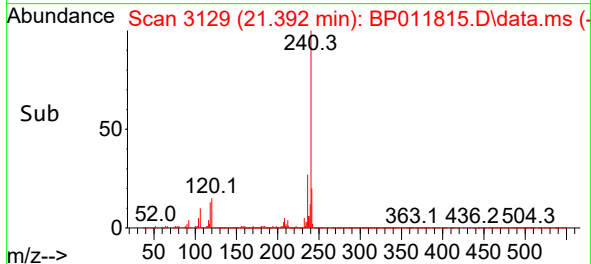
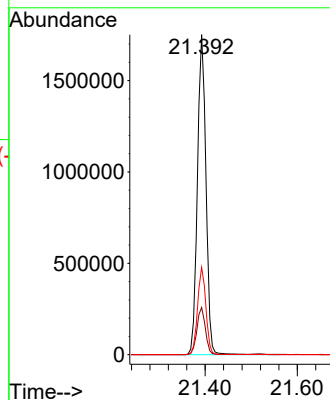
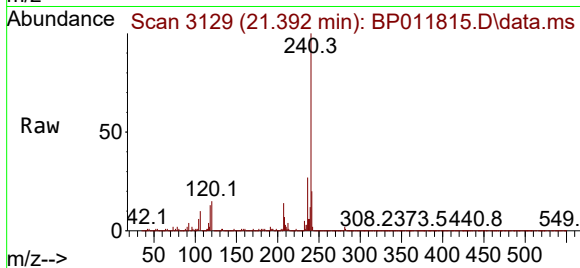
Tgt Ion:240 Resp: 2248810

Ion Ratio Lower Upper

240 100

120 14.8 12.0 18.0

236 27.3 21.1 31.7



#79

Terphenyl-d14

Concen: 93.897 ng

RT: 19.869 min Scan# 2870

Delta R.T. 0.000 min

Lab File: BP011815.D

Acq: 27 Sep 2022 14:50

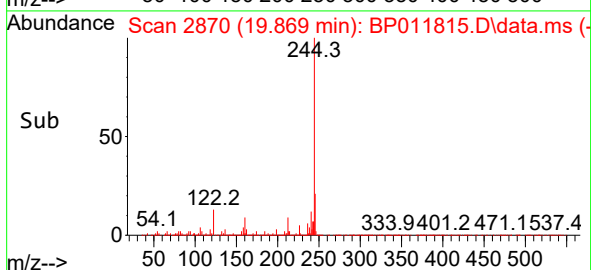
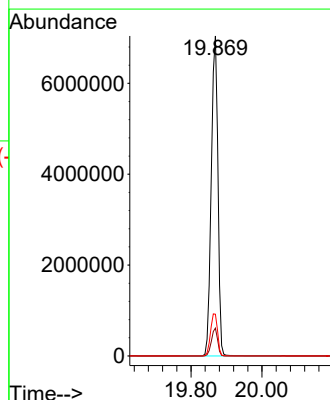
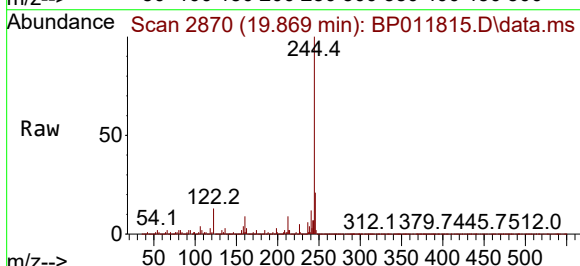
Tgt Ion:244 Resp: 9183409

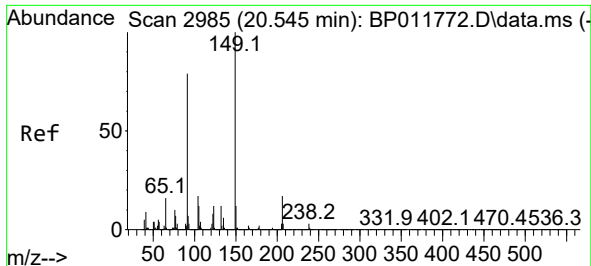
Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

122 13.1 11.8 17.8

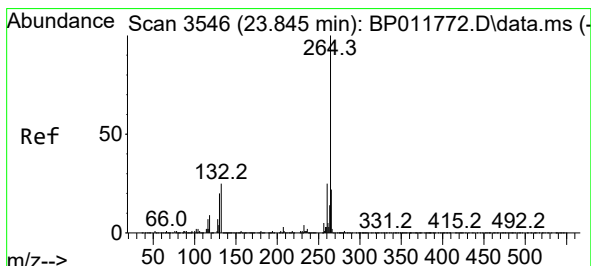
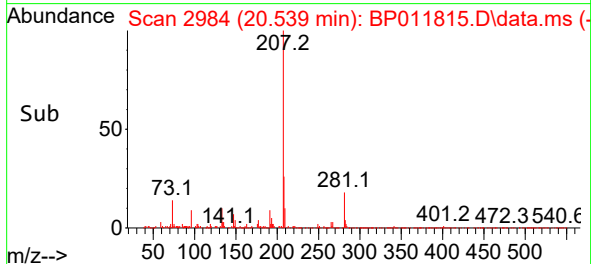
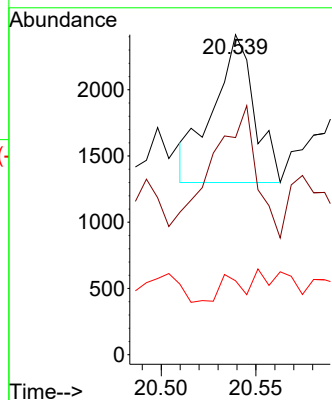
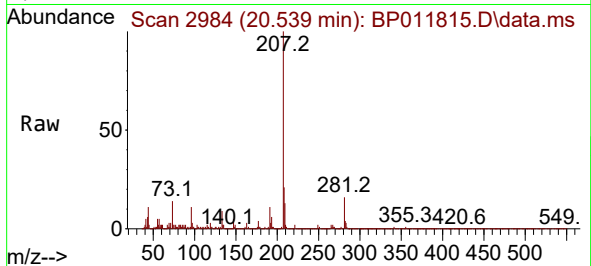




#80
Butylbenzylphthalate
Concen: 2.705 ng
RT: 20.539 min Scan# 2985
Delta R.T. 0.000 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

Instrument :
BNA_P
ClientSampleId :
529317-4

Tgt Ion:149 Resp: 1688
Ion Ratio Lower Upper
149 100
91 67.9 63.1 94.7
206 23.1 13.6 20.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BP011815.D
Acq: 27 Sep 2022 14:50

Tgt Ion:264 Resp: 2165870
Ion Ratio Lower Upper
264 100
260 25.5 19.7 29.5
265 22.2 17.8 26.8

