

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092822\
 Data File : BP011830.D
 Acq On : 28 Sep 2022 15:09
 Operator : CG/JU
 Sample : PB147850BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147971BL

Quant Time: Sep 29 02:26:08 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)

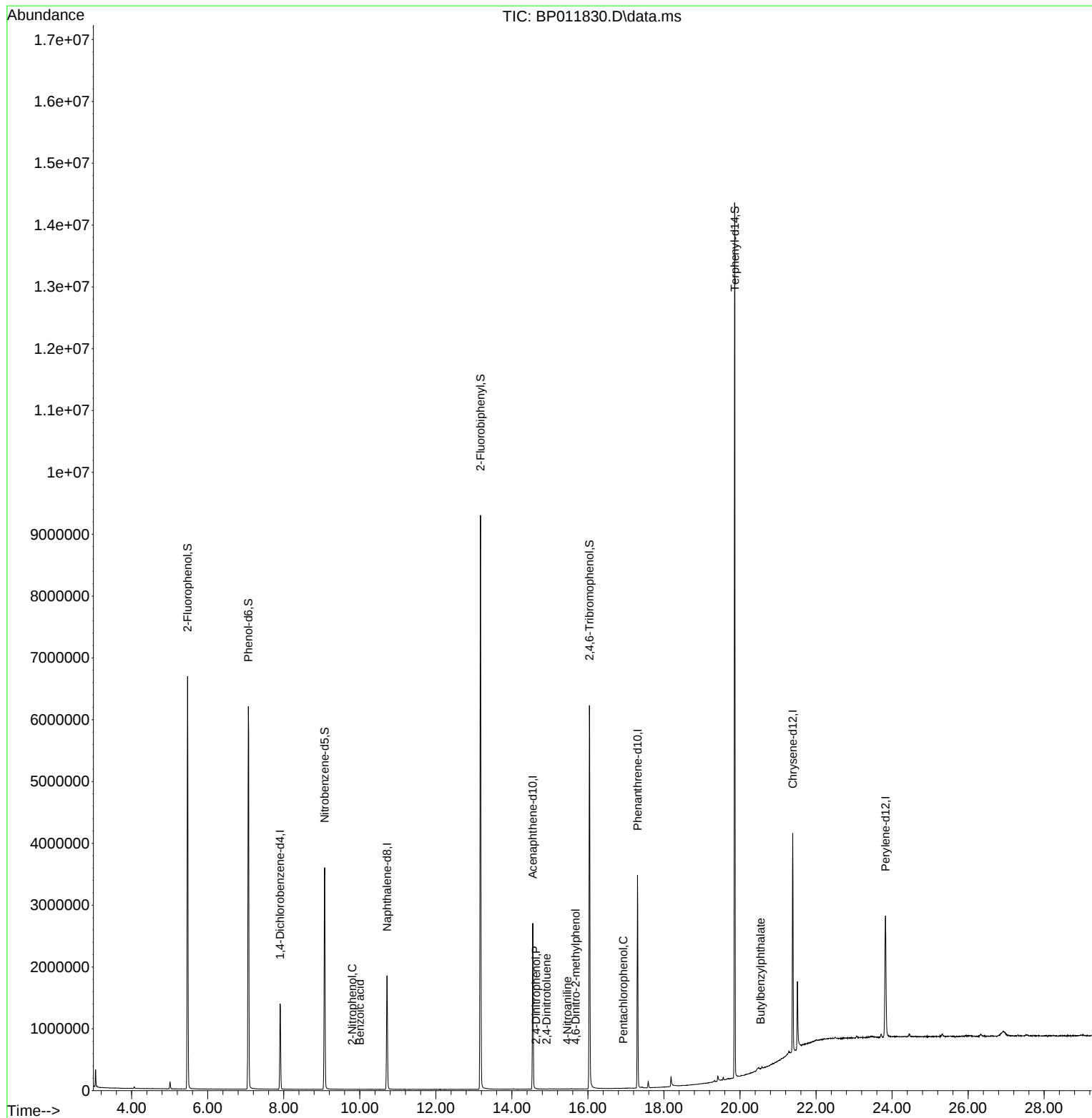
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	382186	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1609802	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	962151	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2006127	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1641026	20.000	ng	-0.01
86) Perylene-d12	23.827	264	1443926	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3026462	138.944	ng	0.00
7) Phenol-d6	7.069	99	3882522	120.549	ng	0.00
23) Nitrobenzene-d5	9.075	82	2131035	69.288	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1019151	157.310	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4886666	80.317	ng	0.00
79) Terphenyl-d14	19.863	244	6568940	92.041	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.805	139	23	3.333	ng	# 1
32) Benzoic acid	10.004	122	29	6.759	ng	# 1
54) 2,4-Dinitrophenol	14.640	184	23	6.729	ng	# 1
57) 2,4-Dinitrotoluene	14.910	165	219	2.549	ng	# 78
62) 4-Nitroaniline	15.457	138	27	2.387	ng	# 94
65) 4,6-Dinitro-2-methylph...	15.681	198	17	5.622	ng	# 1
70) Pentachlorophenol	16.928	266	543	4.425	ng	# 39
80) Butylbenzylphthalate	20.539	149	1369	2.707	ng	# 57

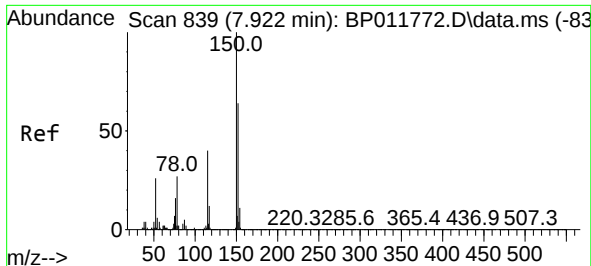
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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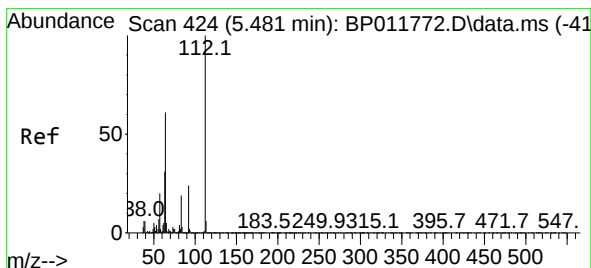
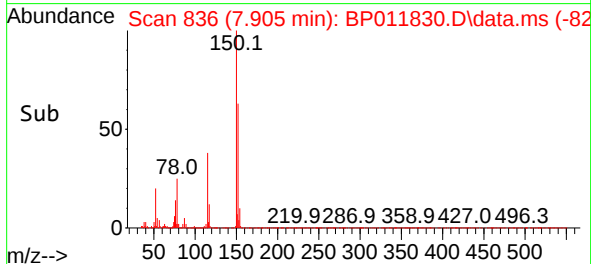
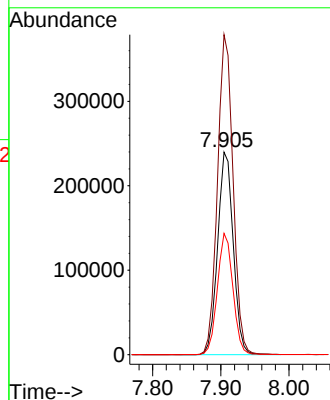
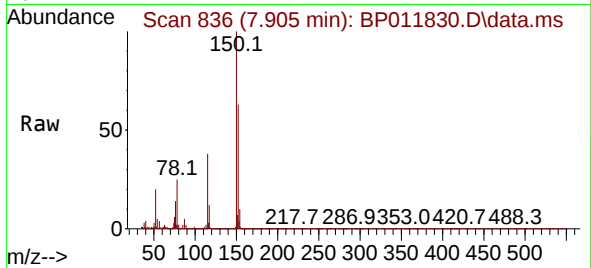




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

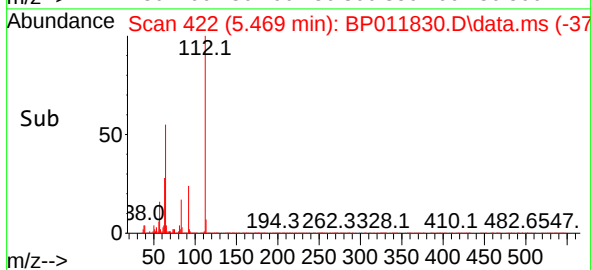
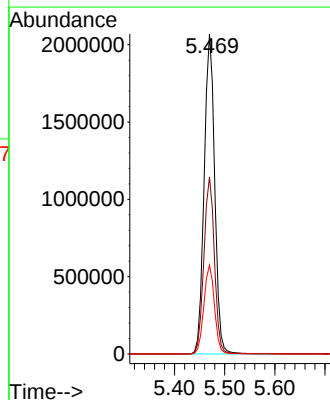
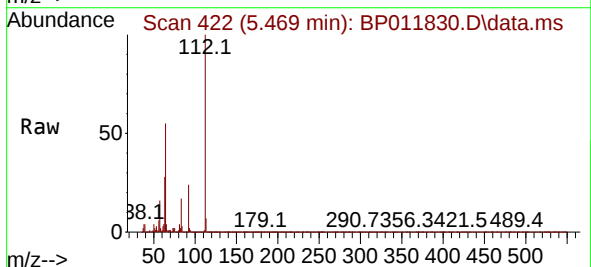
Instrument :
BNA_P
ClientSampleId :
PB147971BL

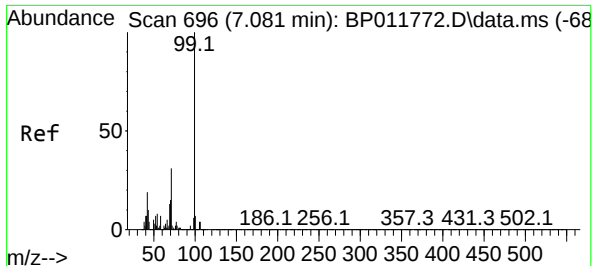
Tgt Ion:152 Resp: 382186
Ion Ratio Lower Upper
152 100
150 158.0 124.2 186.4
115 59.9 50.0 75.0



#5
2-Fluorophenol
Concen: 138.944 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

Tgt Ion:112 Resp: 3026462
Ion Ratio Lower Upper
112 100
64 55.3 49.2 73.8
63 27.8 25.2 37.8

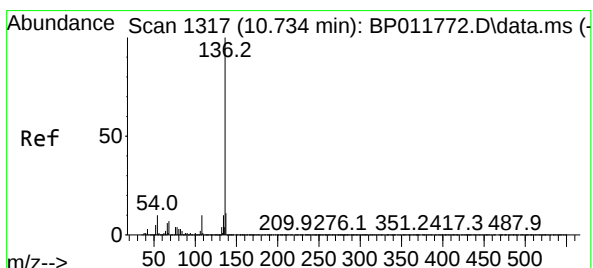
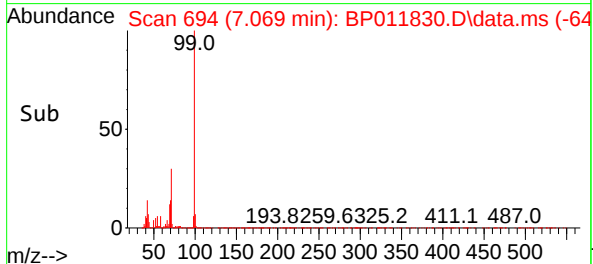
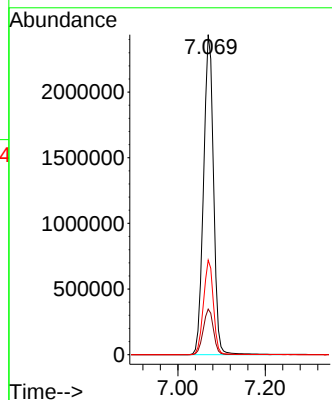
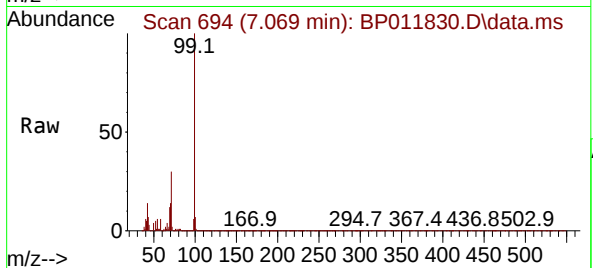




#7
Phenol-d6
Concen: 120.549 ng
RT: 7.069 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

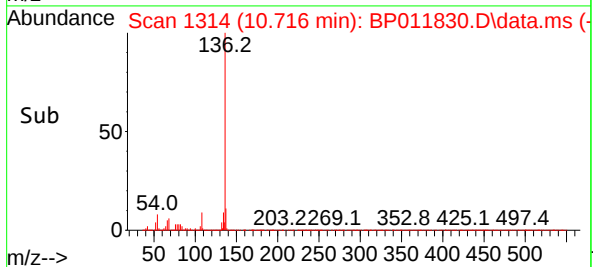
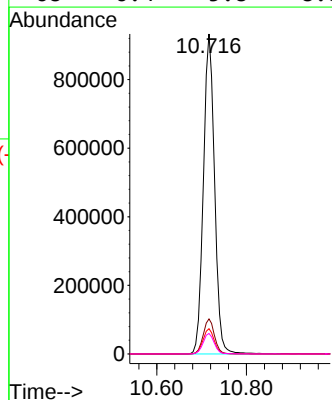
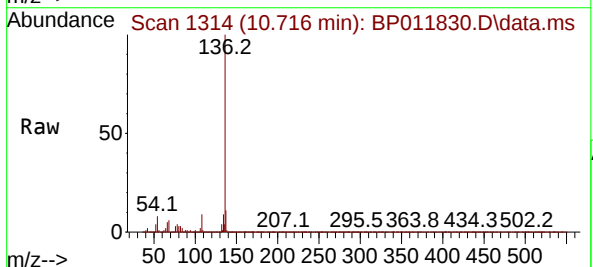
Instrument :
BNA_P
ClientSampleId :
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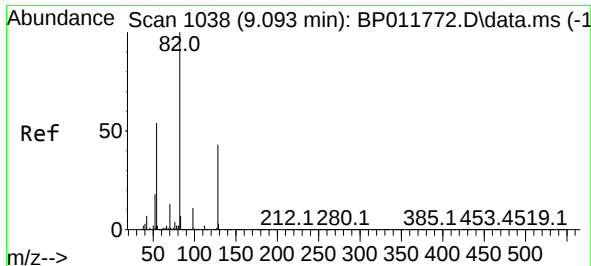
Tgt Ion: 99 Resp: 3882522
Ion Ratio Lower Upper
99 100
42 14.3 15.4 23.2#
71 29.6 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

Tgt Ion:136 Resp: 1609802
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 8.2 12.4#
68 6.4 5.8 8.8

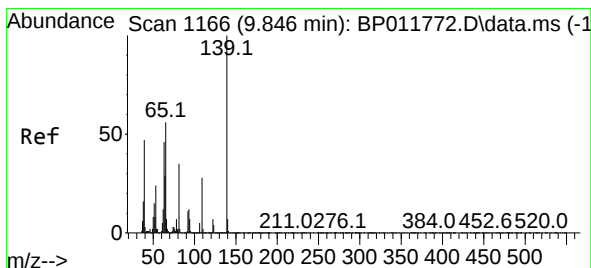
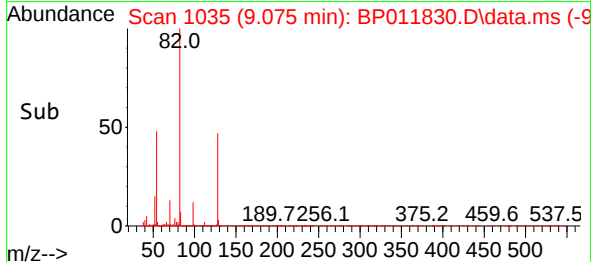
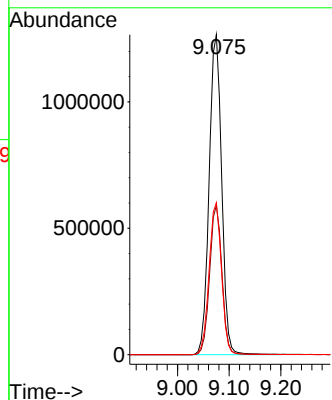
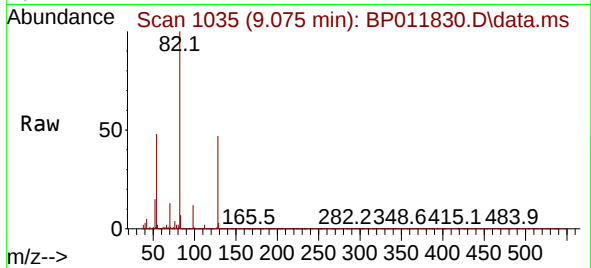




#23
Nitrobenzene-d5
Concen: 69.288 ng
RT: 9.075 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

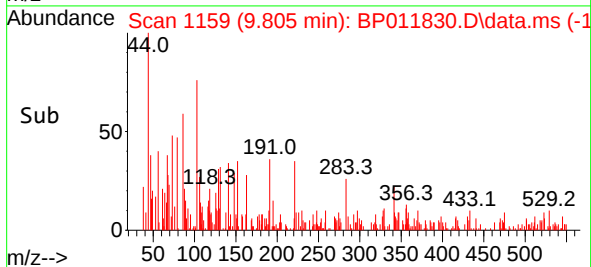
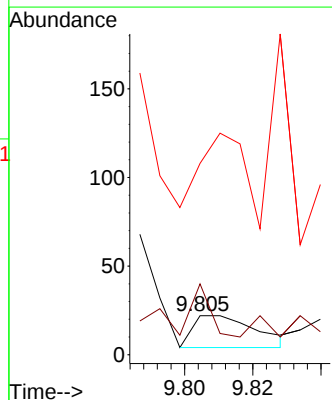
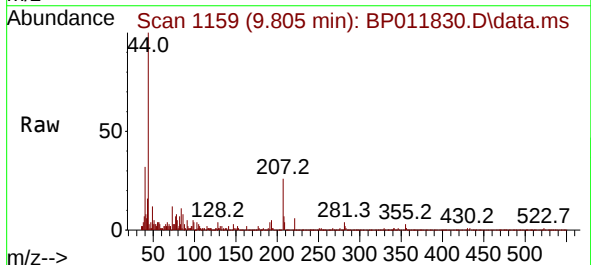
Instrument :
BNA_P
ClientSampleId :
PB147971BL

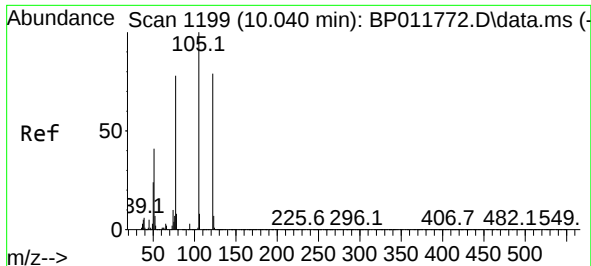
Tgt Ion: 82 Resp: 2131035
Ion Ratio Lower Upper
82 100
128 46.7 34.2 51.4
54 47.5 43.1 64.7



#26
2-Nitrophenol
Concen: 3.333 ng
RT: 9.805 min Scan# 1159
Delta R.T. -0.029 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 181.8 22.6 34.0#
65 490.9 44.7 67.1#

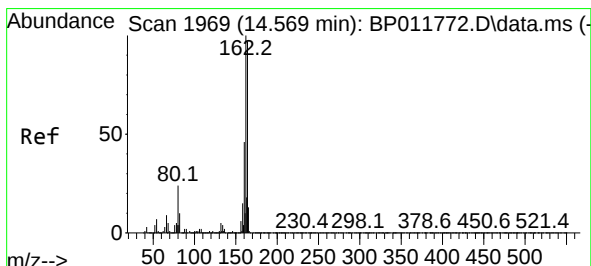
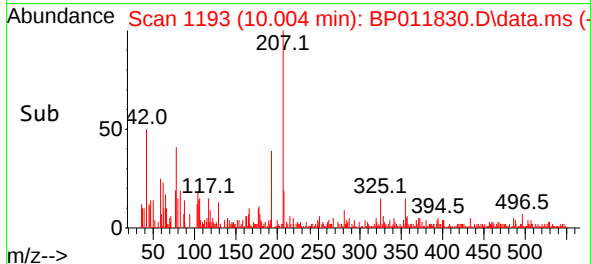
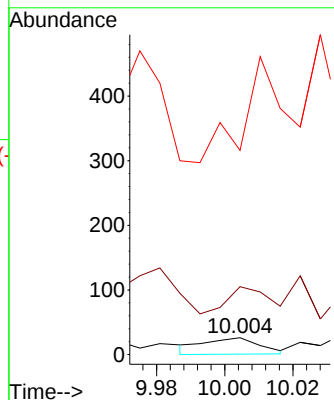
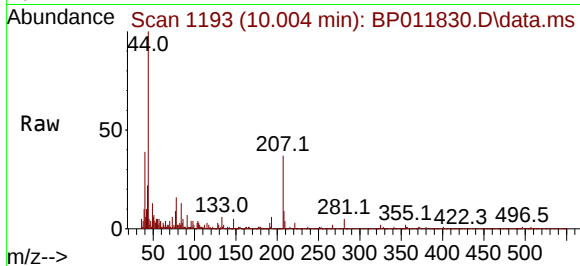




#32
Benzoic acid
Concen: 6.759 ng
RT: 10.004 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

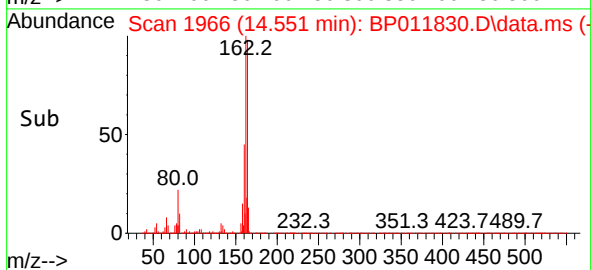
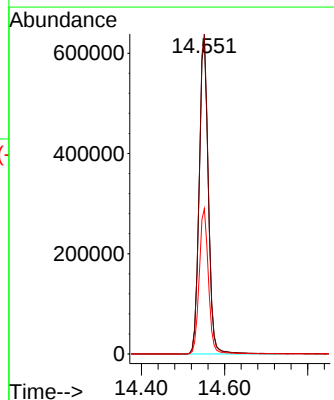
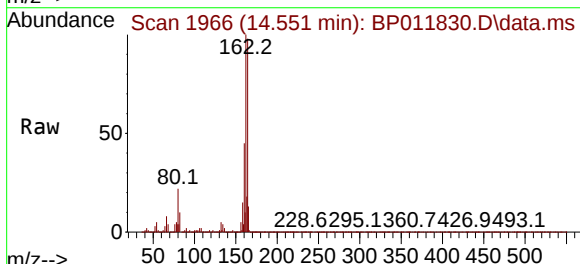
Instrument :
BNA_P
ClientSampleId :
PB147971BL

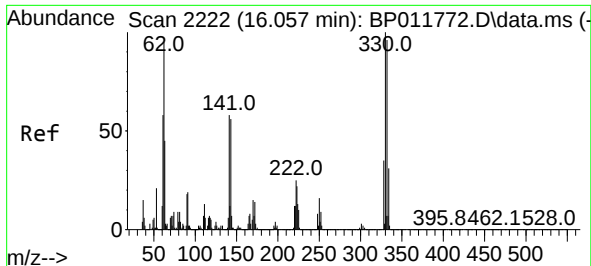
Tgt Ion:122 Resp: 29
Ion Ratio Lower Upper
122 100
105 276.3 101.0 141.0#
77 831.6 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

Tgt Ion:164 Resp: 962151
Ion Ratio Lower Upper
164 100
162 102.0 82.5 123.7
160 46.3 37.8 56.6

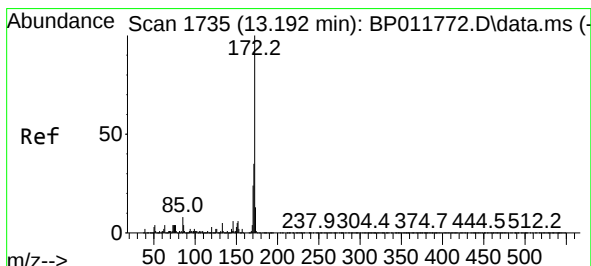
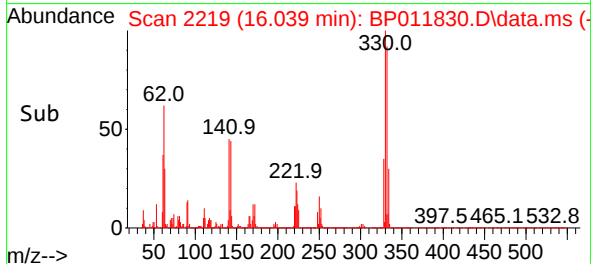
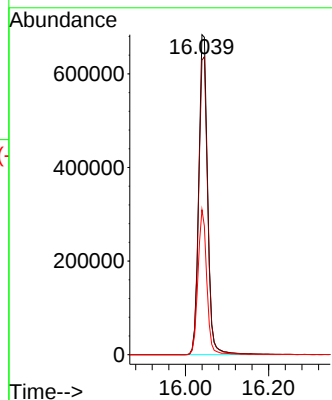
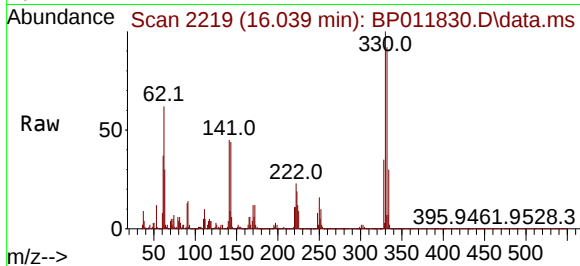




#42
2,4,6-Tribromophenol
Concen: 157.310 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

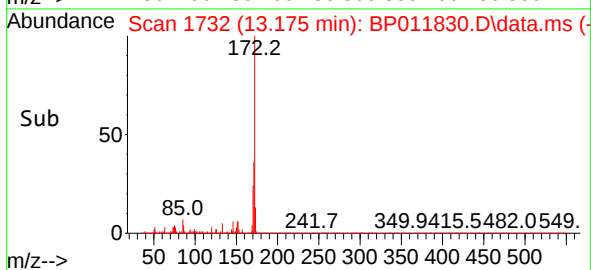
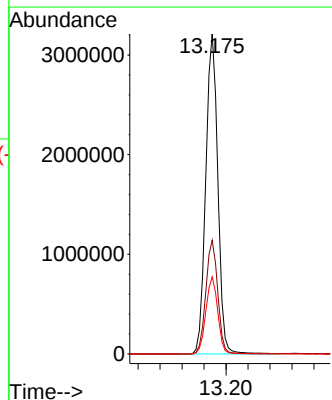
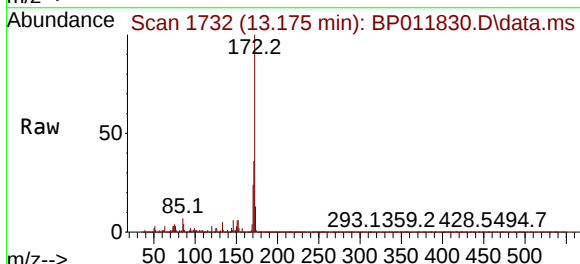
Instrument :
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ClientSampleId :
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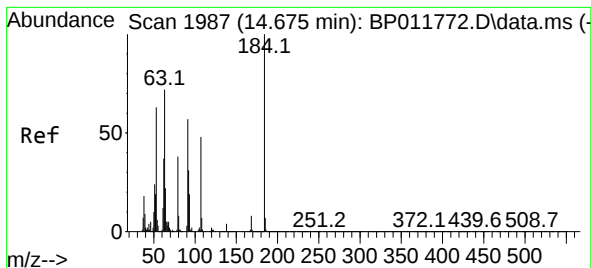
Tgt Ion:330 Resp: 1019151
Ion Ratio Lower Upper
330 100
332 94.2 76.6 114.8
141 44.8 48.7 73.1#



#45
2-Fluorobiphenyl
Concen: 80.317 ng
RT: 13.175 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

Tgt Ion:172 Resp: 4886666
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.1 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.729 ng

RT: 14.640 min Scan# 1987

Delta R.T. -0.024 min

Lab File: BP011830.D

Acq: 28 Sep 2022 15:09

Instrument :

BNA_P

ClientSampleId :

PB147971BL

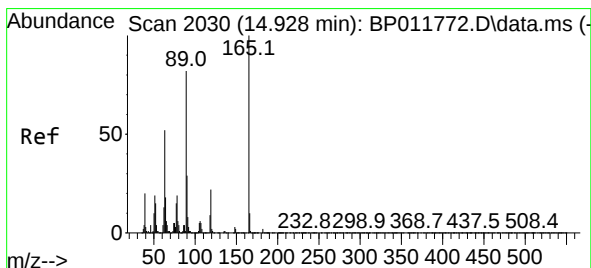
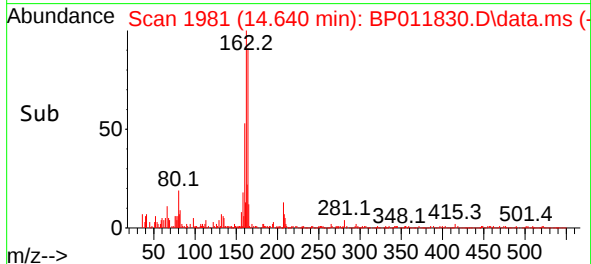
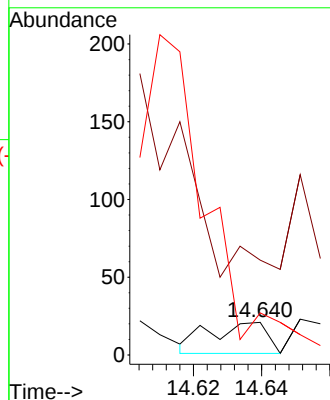
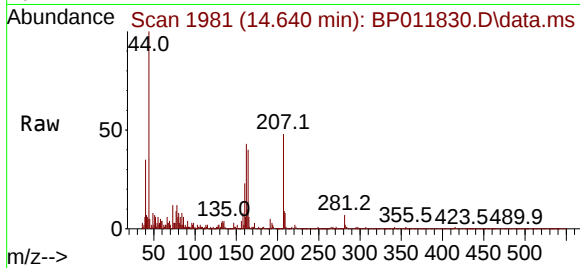
Tgt Ion:184 Resp: 23

Ion Ratio Lower Upper

184 100

63 290.5 65.7 98.5#

154 128.6 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.549 ng

RT: 14.910 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BP011830.D

Acq: 28 Sep 2022 15:09

Tgt Ion:165 Resp: 219

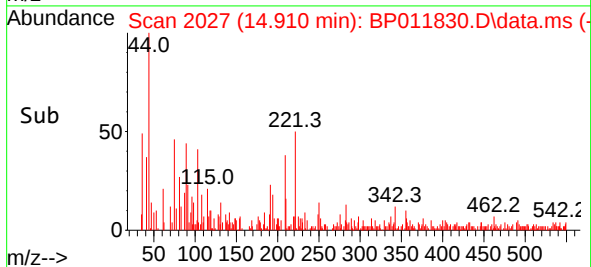
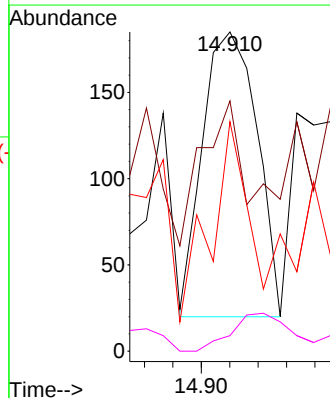
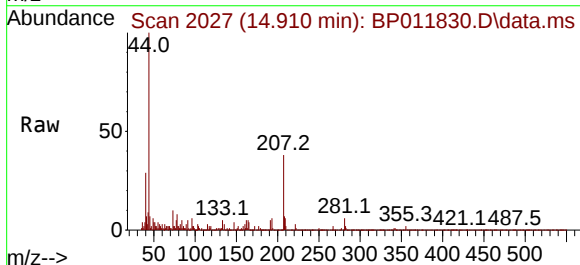
Ion Ratio Lower Upper

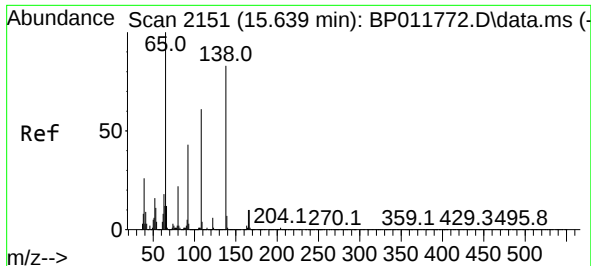
165 100

63 78.4 41.4 62.2#

89 71.9 66.0 99.0

182 4.9 1.8 2.8#

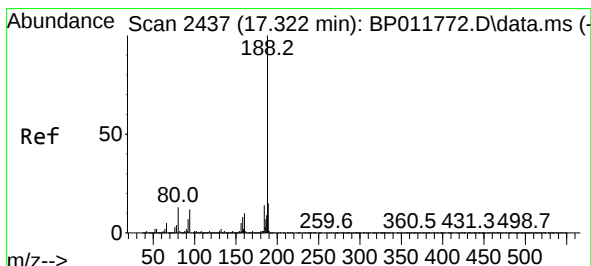
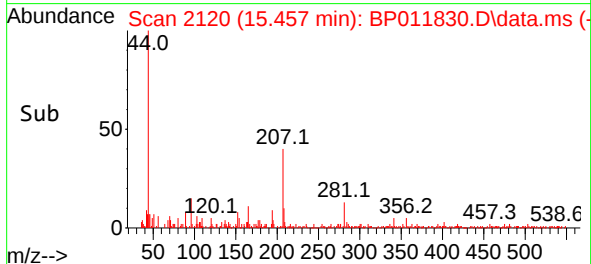
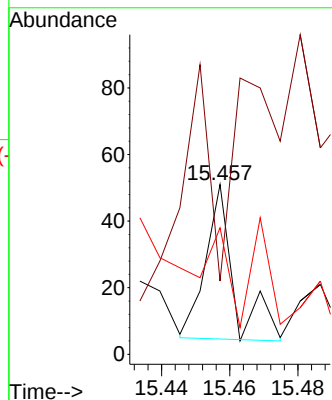
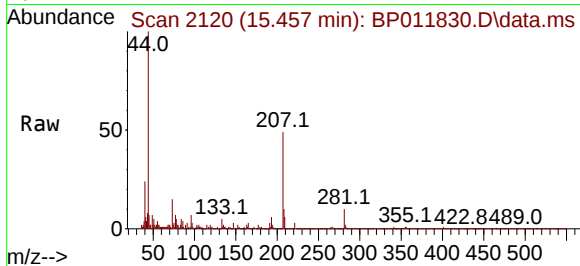




#62
4-Nitroaniline
Concen: 2.387 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.171 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

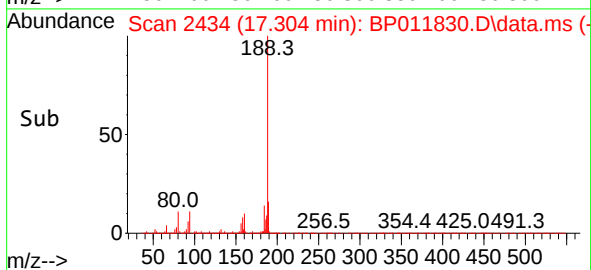
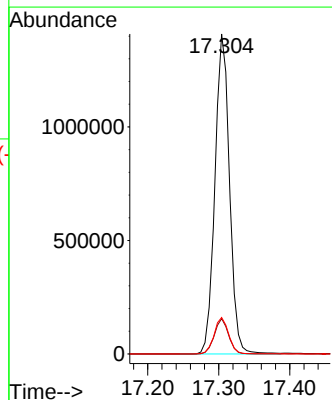
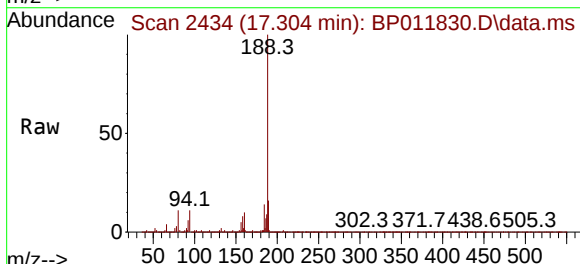
Instrument :
BNA_P
ClientSampleId :
PB147971BL

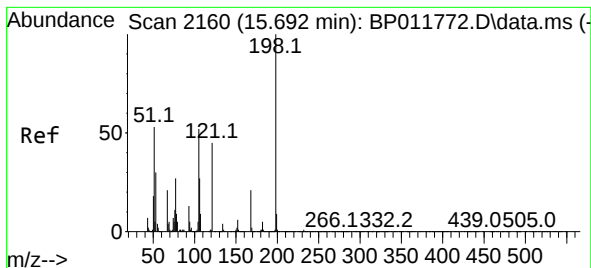
Tgt Ion:138 Resp: 27
Ion Ratio Lower Upper
138 100
92 43.1 31.9 71.9
108 74.5 53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

Tgt Ion:188 Resp: 2006127
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.0
80 11.4 10.6 15.8

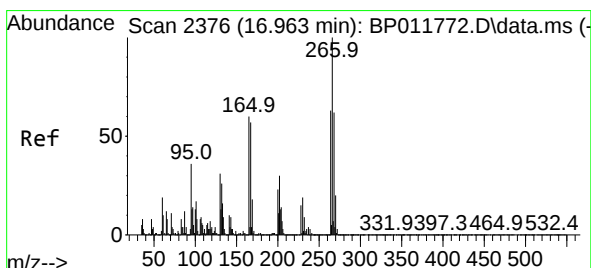
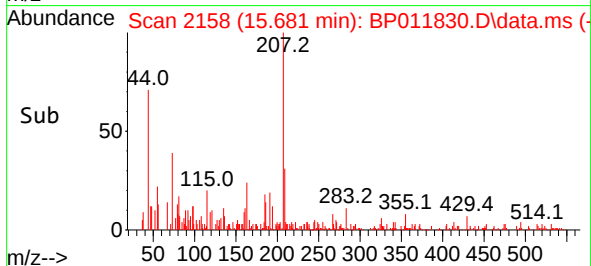
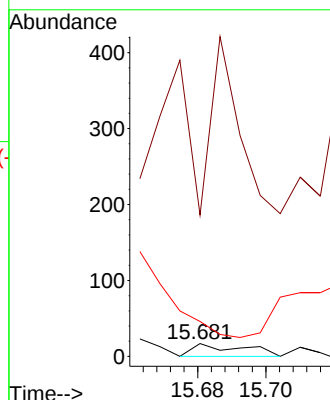
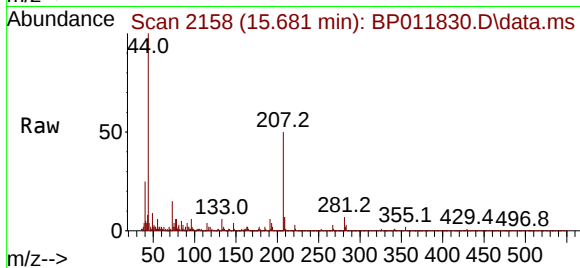




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.681 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

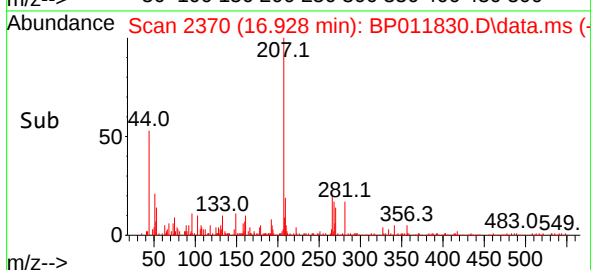
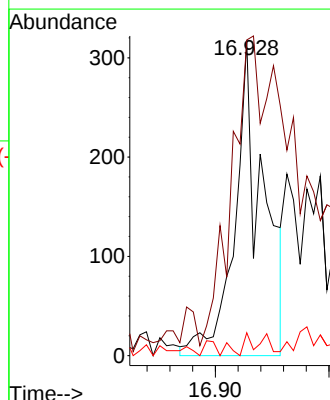
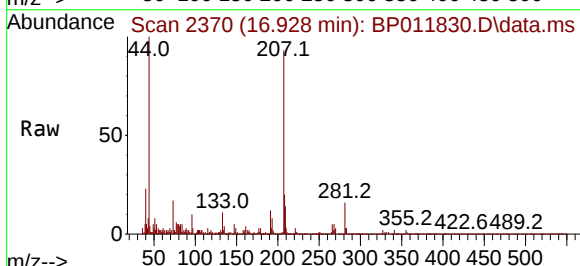
Instrument :
BNA_P
ClientSampleId :
PB147971BL

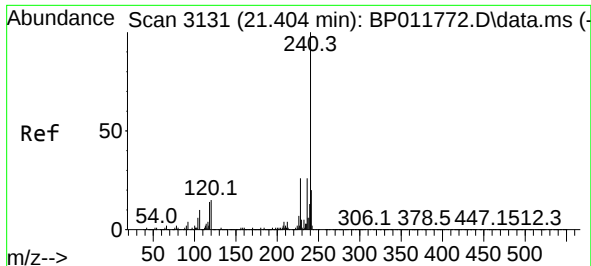
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 1094.1 41.6 81.6#
105 270.6 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.425 ng
RT: 16.928 min Scan# 2370
Delta R.T. -0.029 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

Tgt Ion:266 Resp: 543
Ion Ratio Lower Upper
266 100
268 100.3 49.7 74.5#
264 7.3 50.6 75.8#

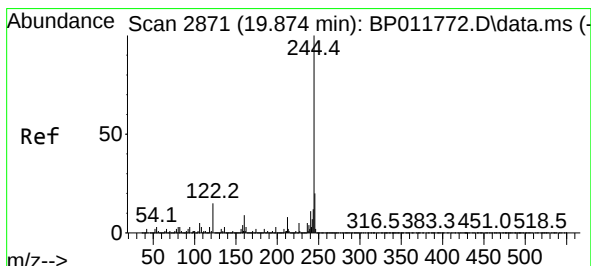
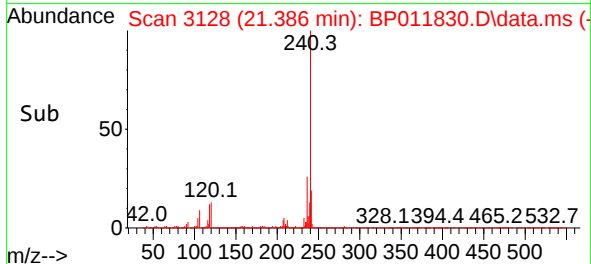
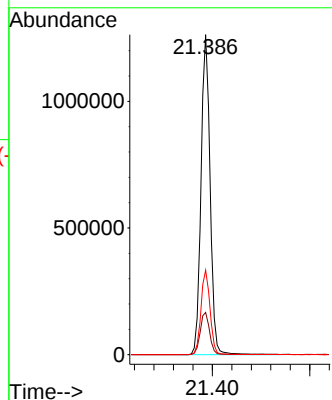
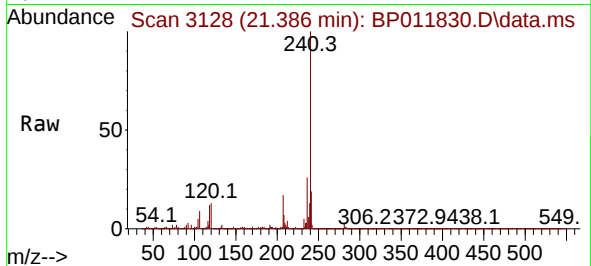




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

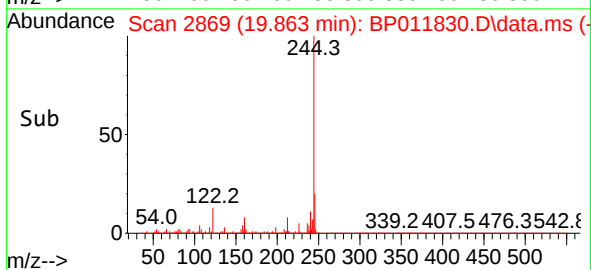
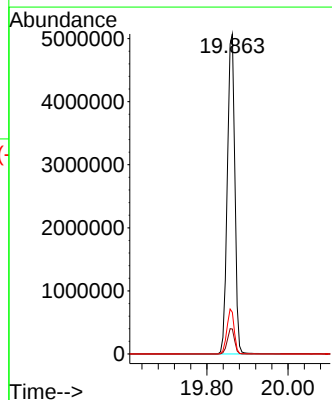
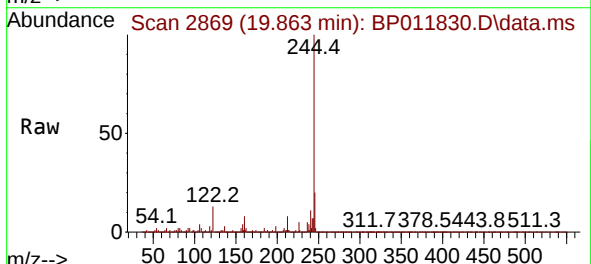
Instrument :
BNA_P
ClientSampleId :
PB147971BL

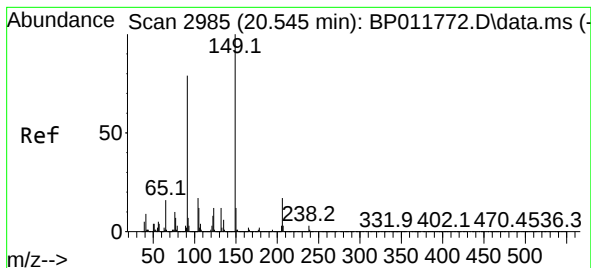
Tgt Ion:240 Resp: 1641026
Ion Ratio Lower Upper
240 100
120 13.2 12.0 18.0
236 26.4 21.1 31.7



#79
Terphenyl-d14
Concen: 92.041 ng
RT: 19.863 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP011830.D
Acq: 28 Sep 2022 15:09

Tgt Ion:244 Resp: 6568940
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 13.0 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.707 ng

RT: 20.539 min Scan# 2985

Delta R.T. 0.000 min

Lab File: BP011830.D

Acq: 28 Sep 2022 15:09

Instrument :

BNA_P

ClientSampleId :

PB147971BL

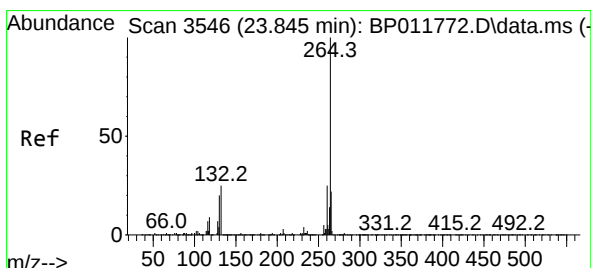
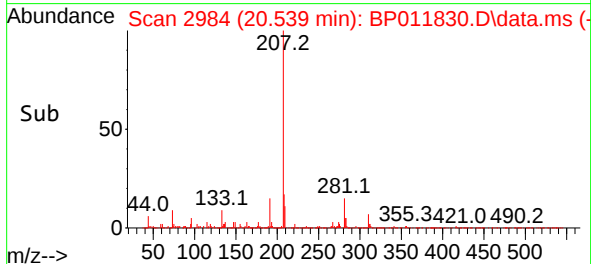
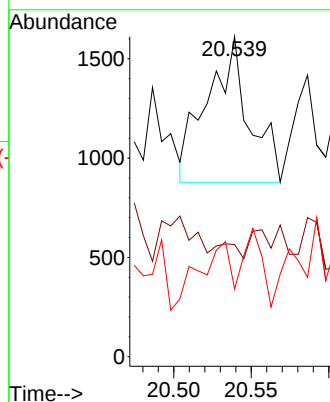
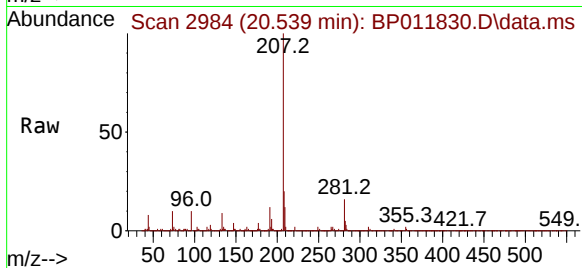
Tgt Ion:149 Resp: 1369

Ion Ratio Lower Upper

149 100

91 35.1 63.1 94.7#

206 21.2 13.6 20.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3543

Delta R.T. -0.012 min

Lab File: BP011830.D

Acq: 28 Sep 2022 15:09

Tgt Ion:264 Resp: 1443926

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 22.0 17.8 26.8

