

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092822\
 Data File : BP011833.D
 Acq On : 28 Sep 2022 16:54
 Operator : CG/JU
 Sample : PB147943TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147943TB

Quant Time: Sep 29 02:28:02 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)

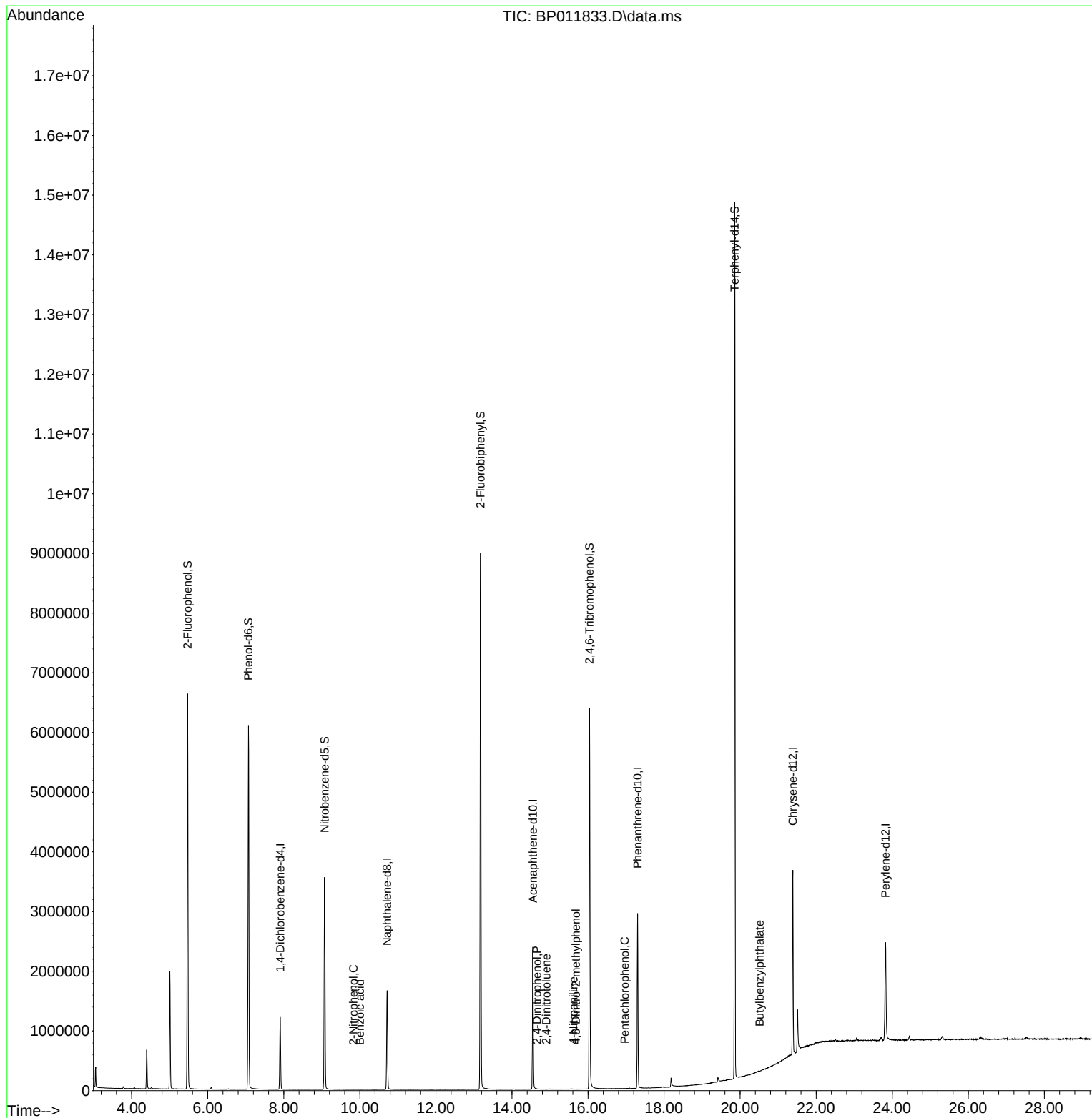
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	340288	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1429416	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	858360	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1775751	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1462389	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1220442	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2987145	154.024	ng	0.00
7) Phenol-d6	7.069	99	3851340	134.305	ng	0.00
23) Nitrobenzene-d5	9.075	82	2116759	77.509	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1046725	181.102	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4776338	87.996	ng	0.00
79) Terphenyl-d14	19.857	244	6582590	103.499	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.834	139	26	3.333	ng	# 1
32) Benzoic acid	9.999	122	10	6.759	ng	# 1
54) 2,4-Dinitrophenol	14.657	184	41	6.732	ng	# 1
57) 2,4-Dinitrotoluene	14.904	165	123	2.545	ng	# 42
62) 4-Nitroaniline	15.616	138	17	2.387	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.681	198	13	5.622	ng	# 1
70) Pentachlorophenol	16.969	266	261	4.406	ng	# 16
80) Butylbenzylphthalate	20.516	149	247	2.688	ng	# 56

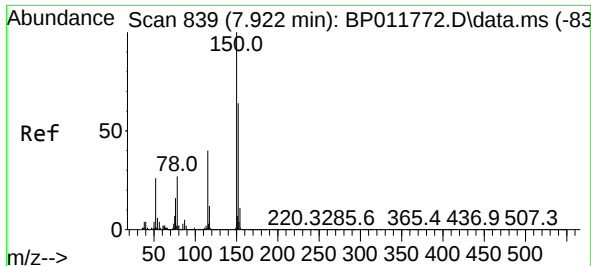
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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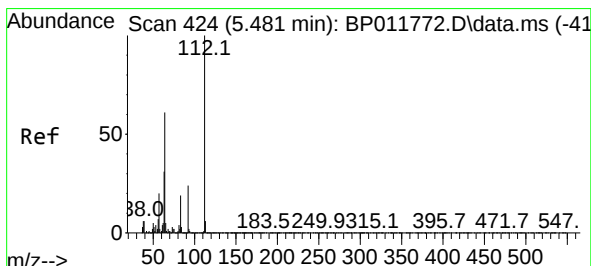
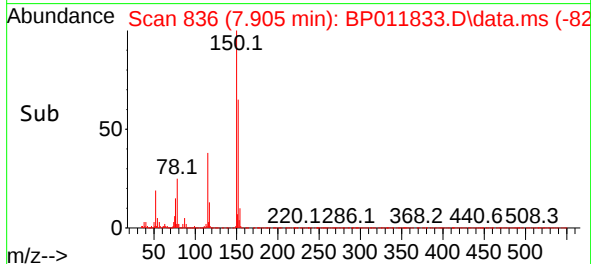
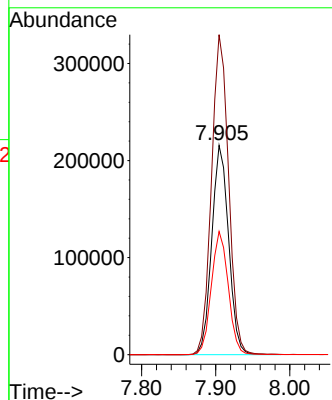
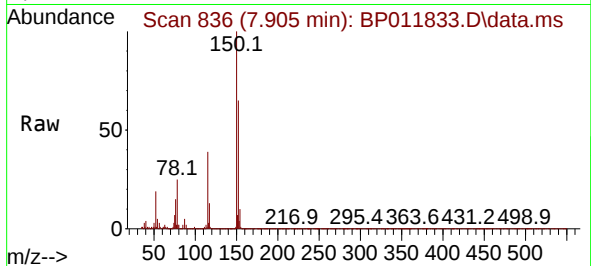




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

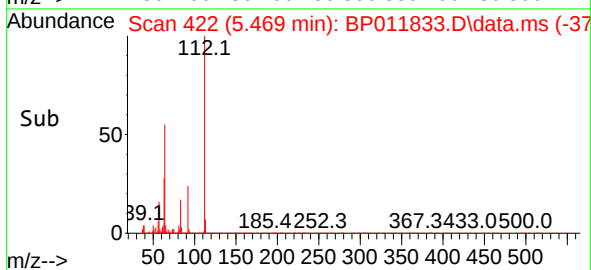
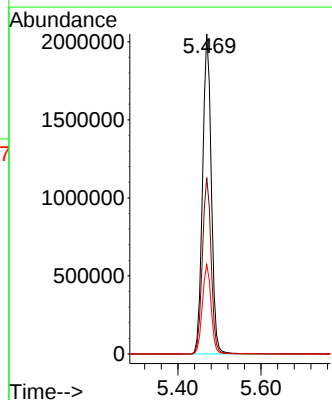
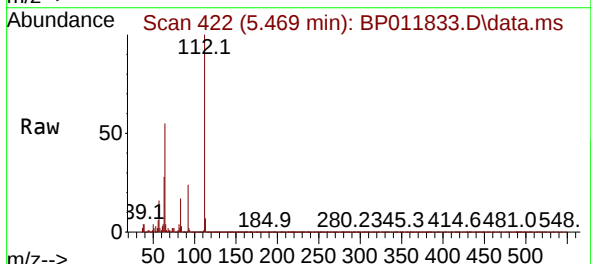
Instrument :
BNA_P
ClientSampleId :
PB147943TB

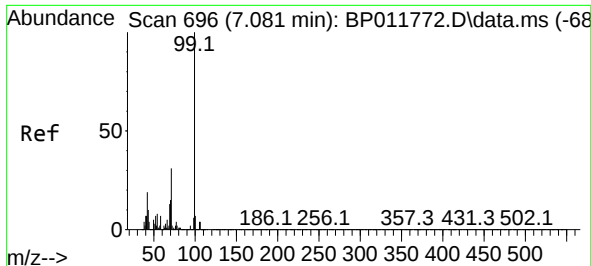
Tgt Ion:152 Resp: 340288
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.4
115 58.9 50.0 75.0



#5
2-Fluorophenol
Concen: 154.024 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Tgt Ion:112 Resp: 2987145
Ion Ratio Lower Upper
112 100
64 55.1 49.2 73.8
63 28.0 25.2 37.8

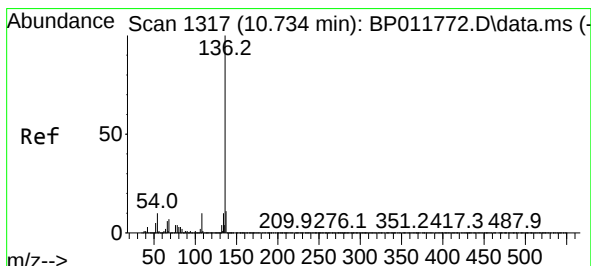
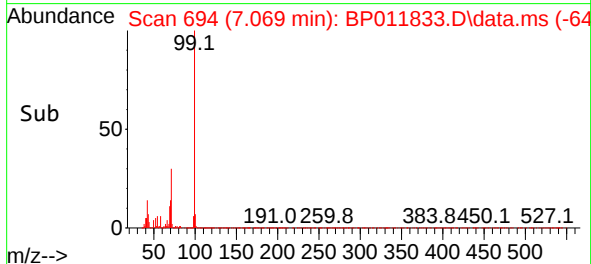
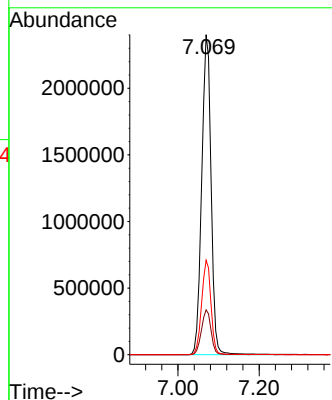
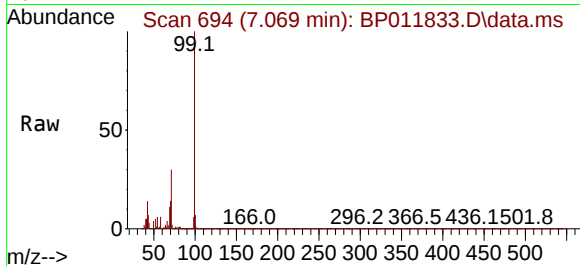




#7
Phenol-d6
Concen: 134.305 ng
RT: 7.069 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

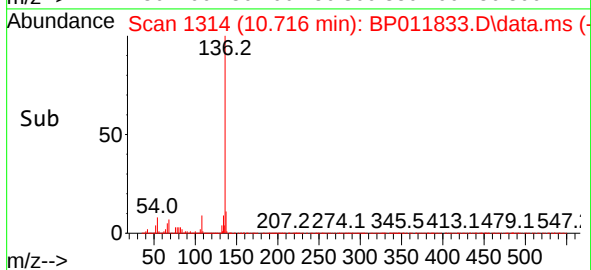
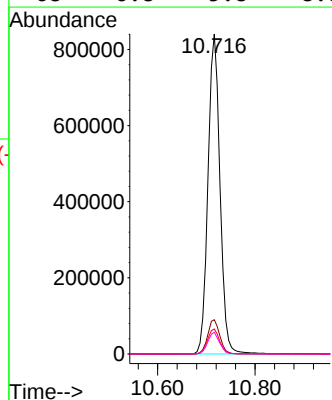
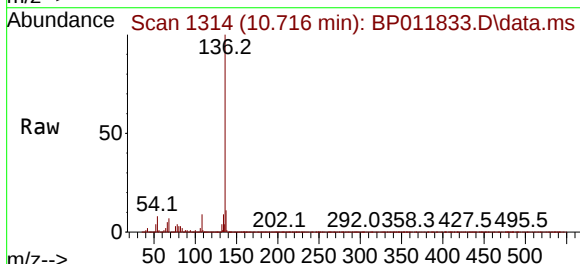
Instrument :
BNA_P
ClientSampleId :
PB147943TB

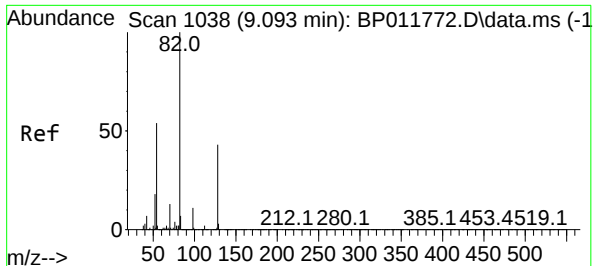
Tgt Ion: 99 Resp: 3851340
Ion Ratio Lower Upper
99 100
42 14.0 15.4 23.2#
71 29.5 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Tgt Ion: 136 Resp: 1429416
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.8 8.2 12.4#
68 6.8 5.8 8.8





#23

Nitrobenzene-d5

Concen: 77.509 ng

RT: 9.075 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BP011833.D

Acq: 28 Sep 2022 16:54

Instrument :

BNA_P

ClientSampleId :

PB147943TB

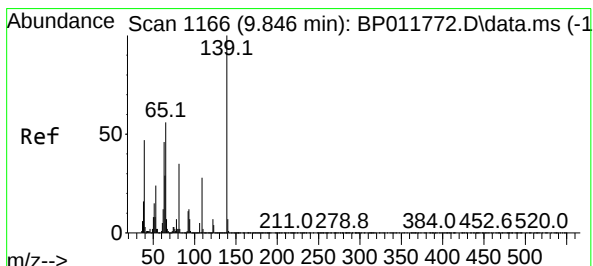
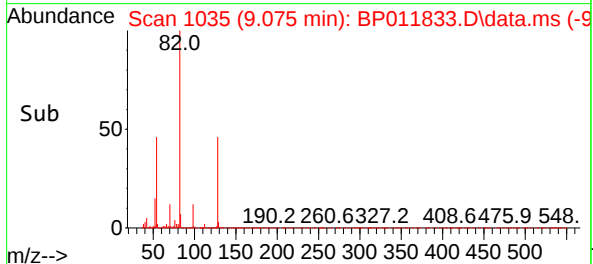
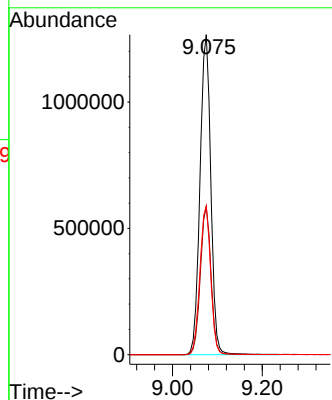
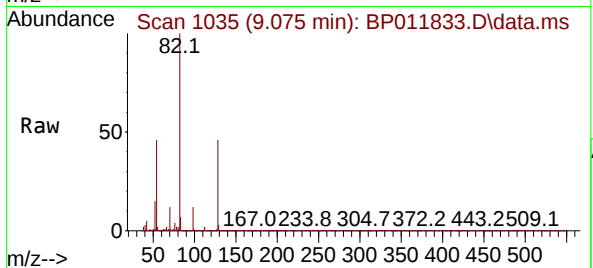
Tgt Ion: 82 Resp: 2116759

Ion Ratio Lower Upper

82 100

128 46.3 34.2 51.4

54 46.4 43.1 64.7



#26

2-Nitrophenol

Concen: 3.333 ng

RT: 9.834 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BP011833.D

Acq: 28 Sep 2022 16:54

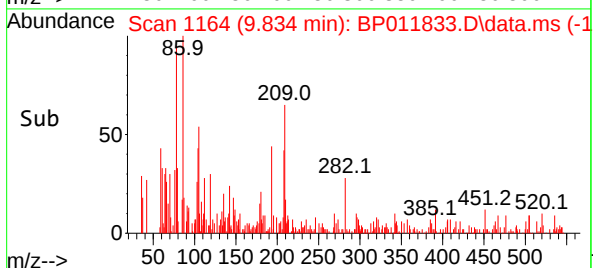
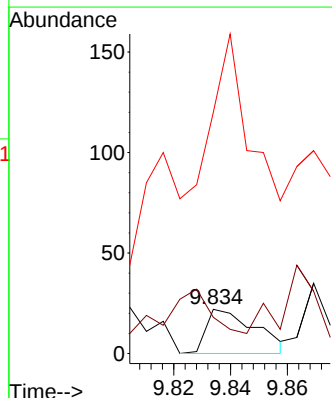
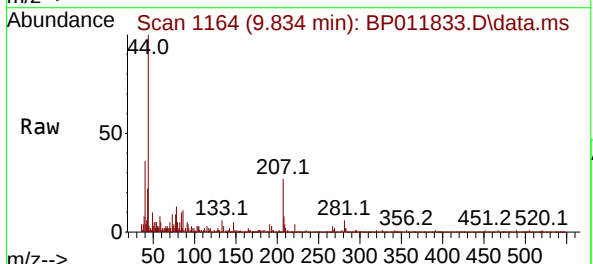
Tgt Ion:139 Resp: 26

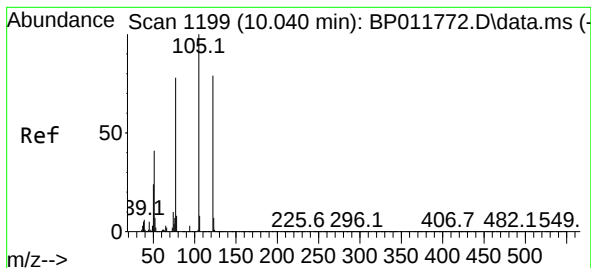
Ion Ratio Lower Upper

139 100

109 81.8 22.6 34.0#

65 545.5 44.7 67.1#

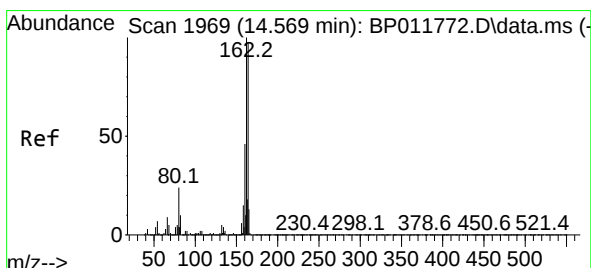
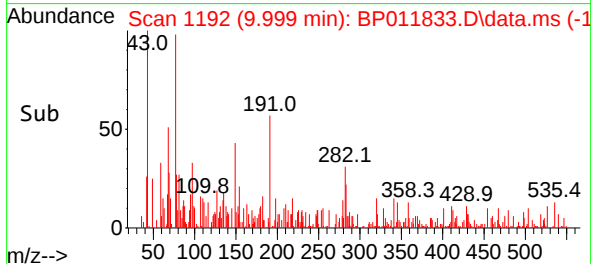
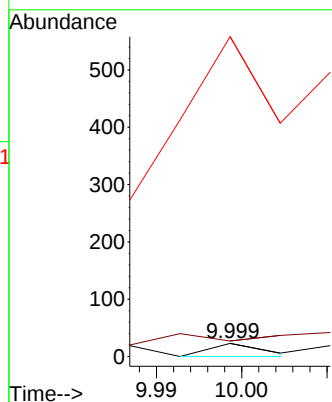
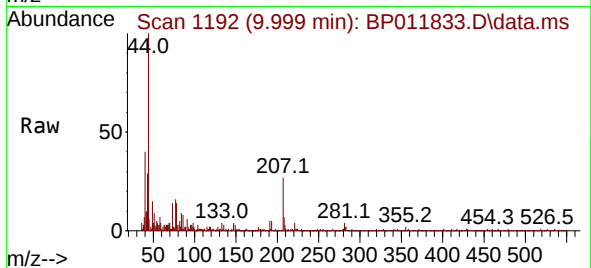




#32
Benzoic acid
Concen: 6.759 ng
RT: 9.999 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

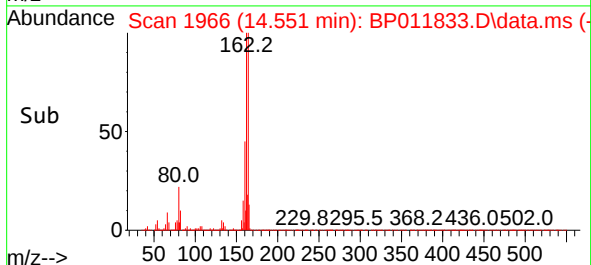
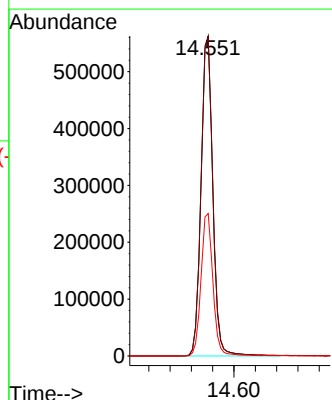
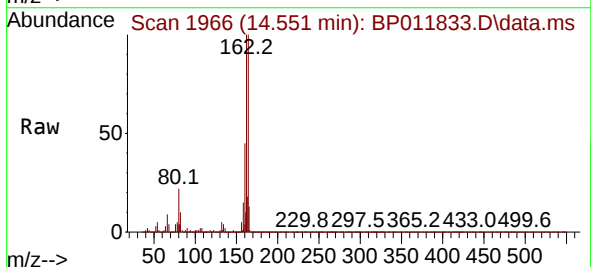
Instrument :
BNA_P
ClientSampleId :
PB147943TB

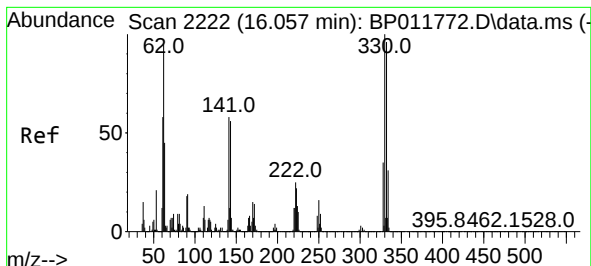
Tgt Ion:122 Resp: 10
Ion Ratio Lower Upper
122 100
105 117.4 101.0 141.0
77 2426.1 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Tgt Ion:164 Resp: 858360
Ion Ratio Lower Upper
164 100
162 99.6 82.5 123.7
160 44.5 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 181.102 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011833.D

Acq: 28 Sep 2022 16:54

Instrument :

BNA_P

ClientSampleId :

PB147943TB

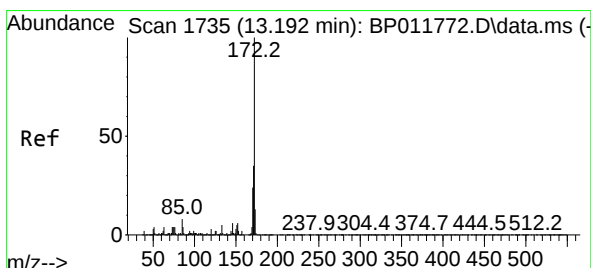
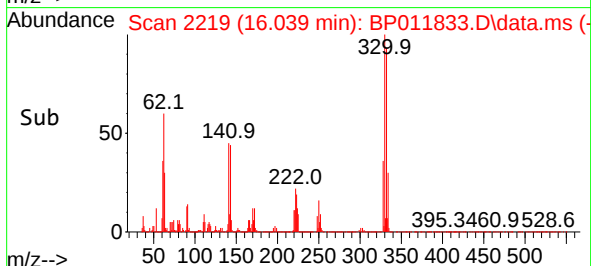
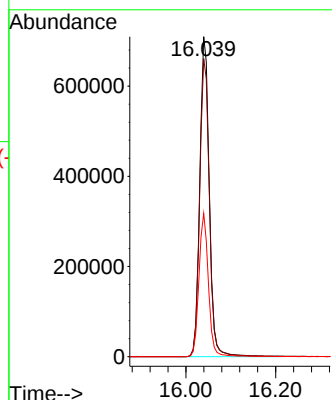
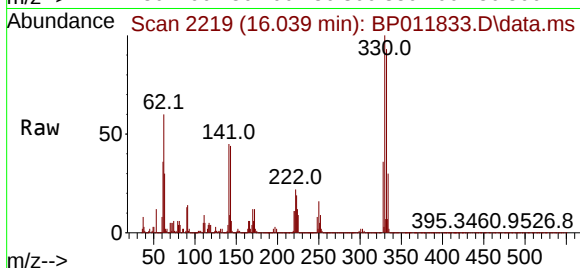
Tgt Ion:330 Resp: 1046725

Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

141 44.5 48.7 73.1#



#45

2-Fluorobiphenyl

Concen: 87.996 ng

RT: 13.175 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP011833.D

Acq: 28 Sep 2022 16:54

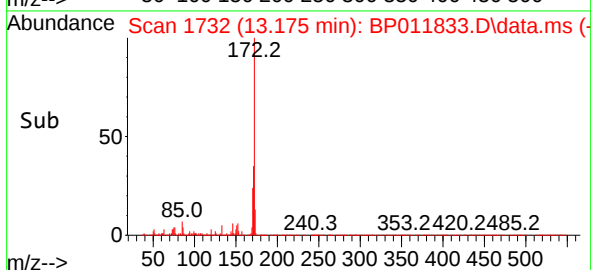
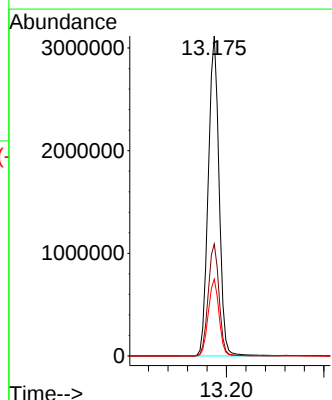
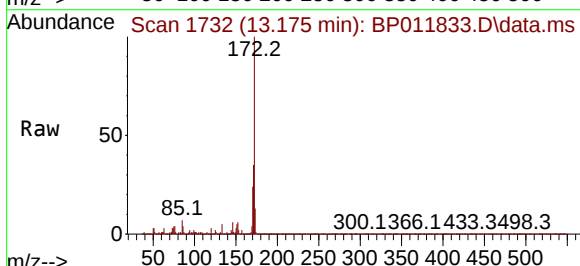
Tgt Ion:172 Resp: 4776338

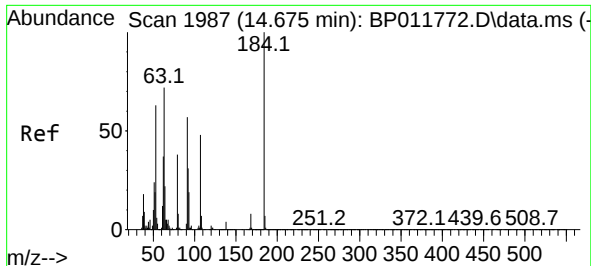
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 24.0 19.5 29.3

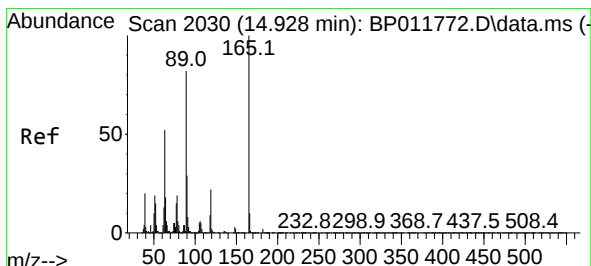
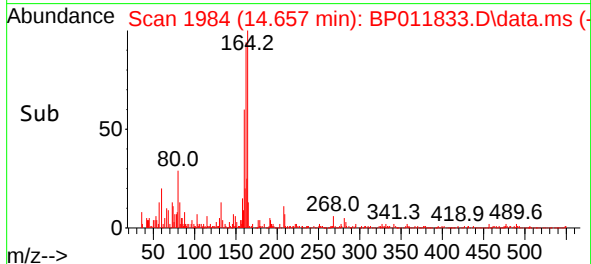
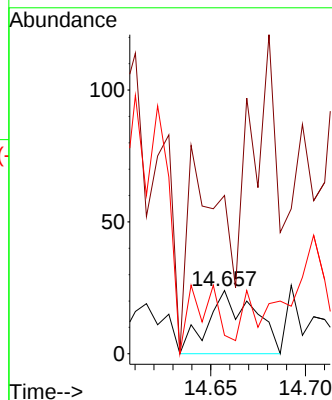
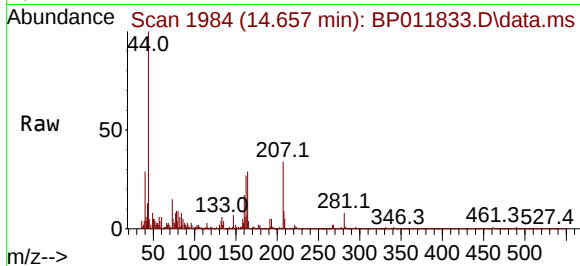




#54
2,4-Dinitrophenol
Concen: 6.732 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

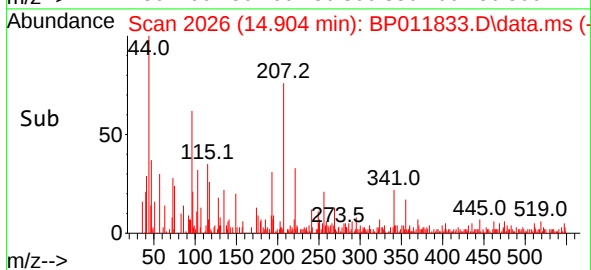
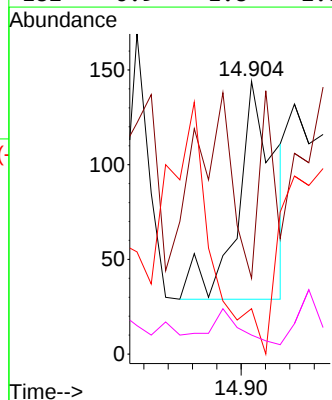
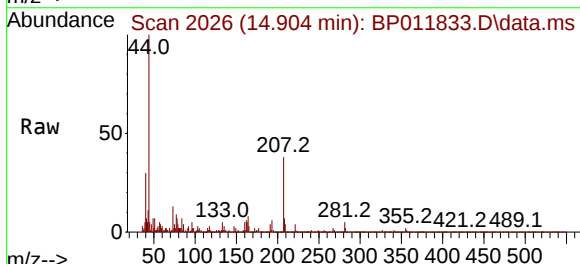
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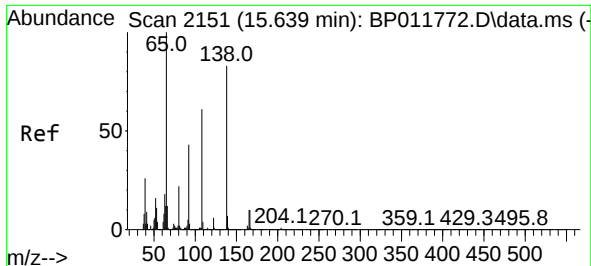
Tgt Ion:184 Resp: 41
Ion Ratio Lower Upper
184 100
63 250.0 65.7 98.5#
154 29.2 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.545 ng
RT: 14.904 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Tgt Ion:165 Resp: 123
Ion Ratio Lower Upper
165 100
63 27.8 41.4 62.2#
89 16.7 66.0 99.0#
182 6.9 1.8 2.8#

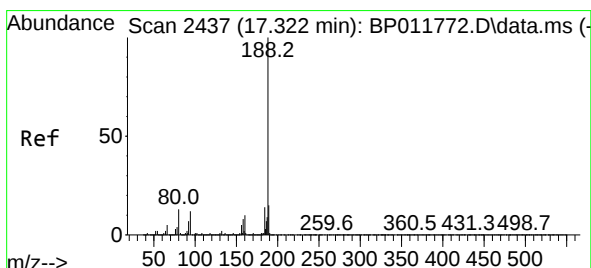
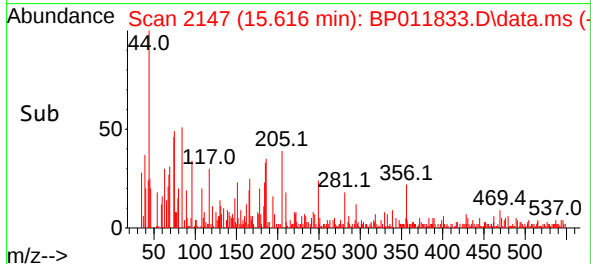
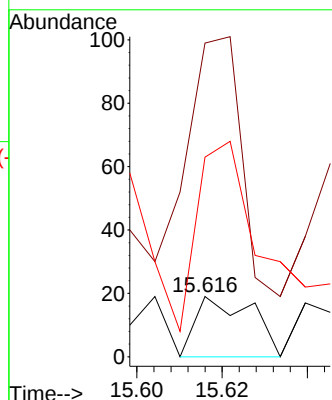
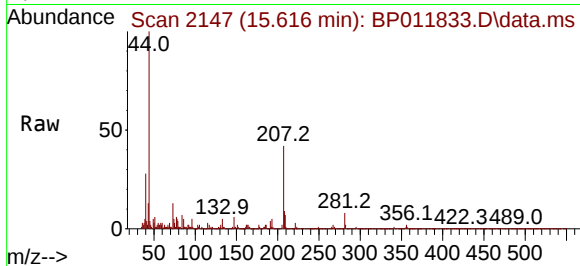




#62
4-Nitroaniline
Concen: 2.387 ng
RT: 15.616 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

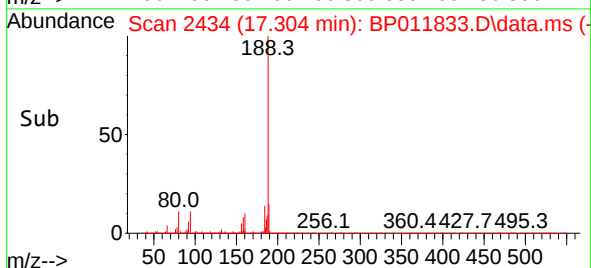
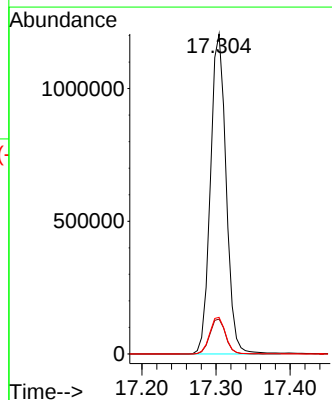
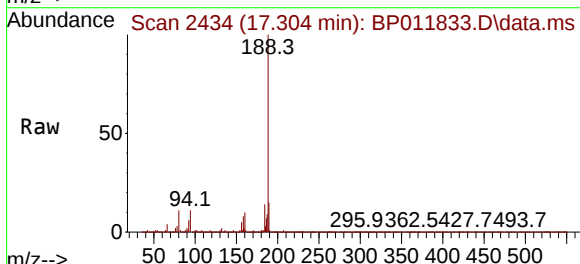
Instrument :
BNA_P
ClientSampleId :
PB147943TB

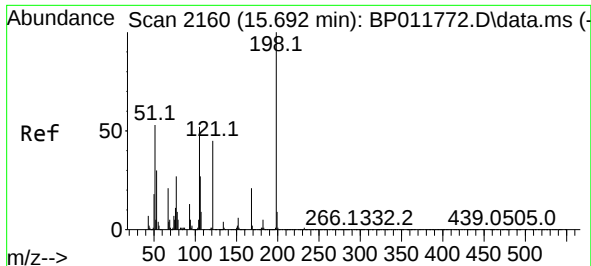
Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
92 521.1 31.9 71.9#
108 331.6 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Tgt Ion:188 Resp: 1775751
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.0
80 11.5 10.6 15.8

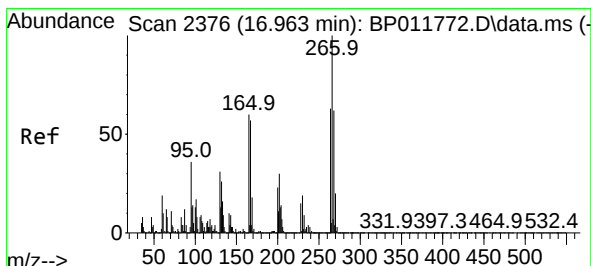
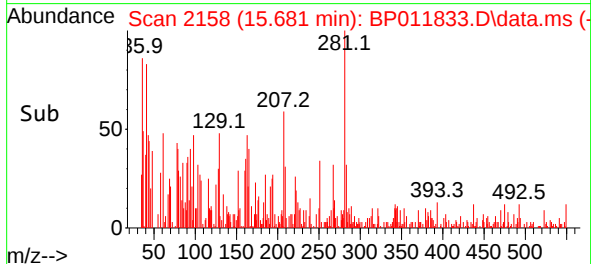
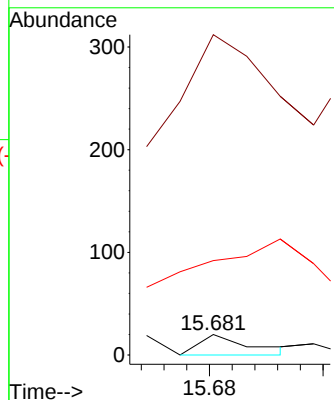
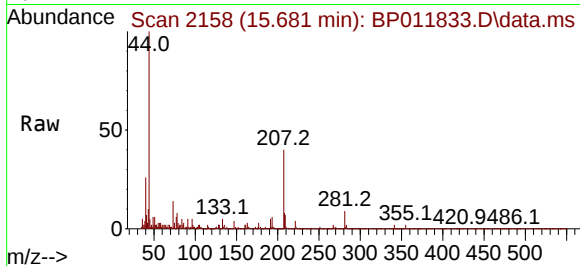




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.681 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

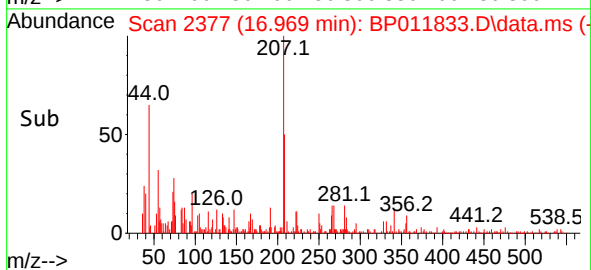
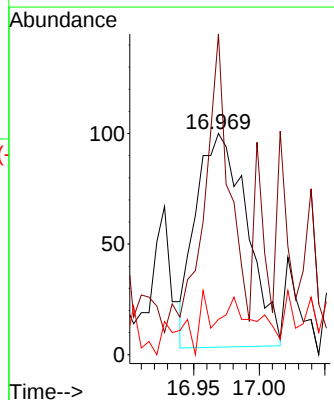
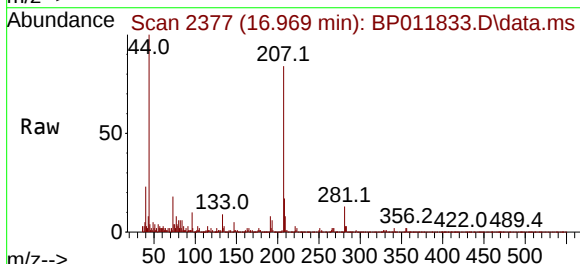
Instrument :
BNA_P
ClientSampleId :
PB147943TB

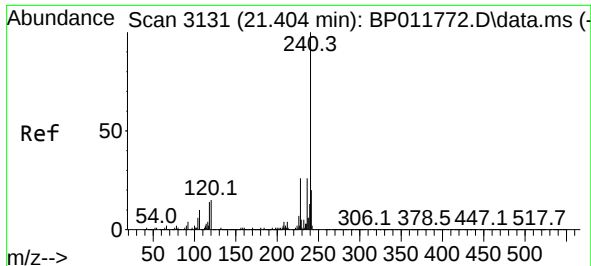
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 1560.0 41.6 81.6#
105 460.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.406 ng
RT: 16.969 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Tgt Ion:266 Resp: 261
Ion Ratio Lower Upper
266 100
268 145.0 49.7 74.5#
264 16.0 50.6 75.8#

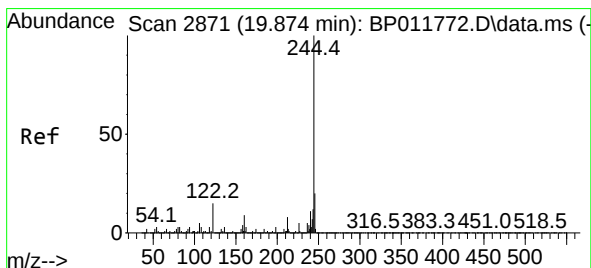
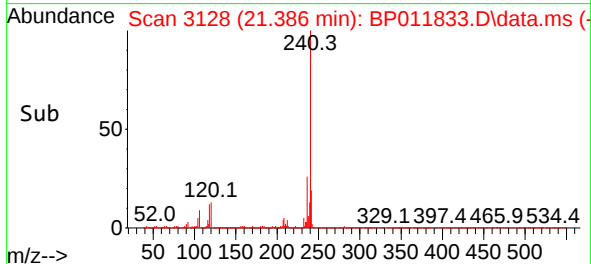
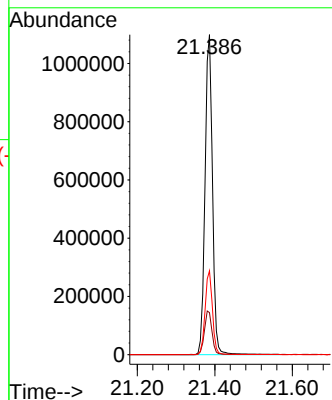
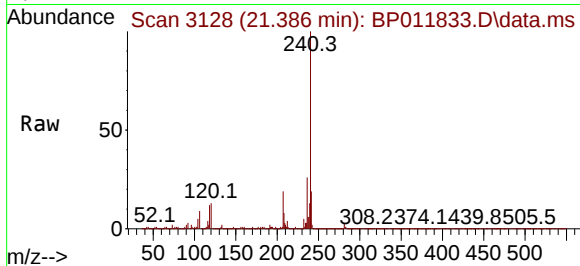




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

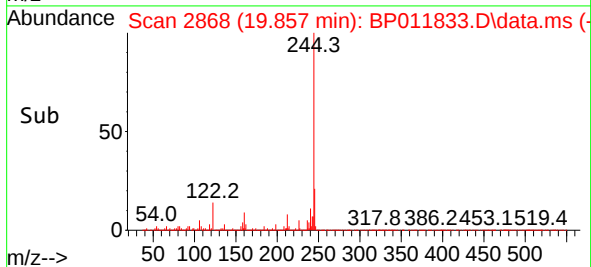
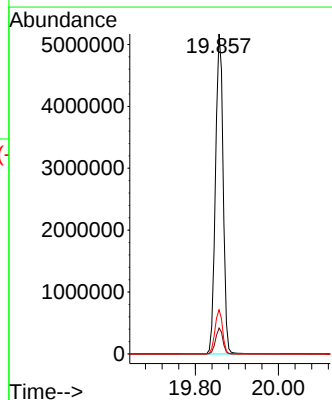
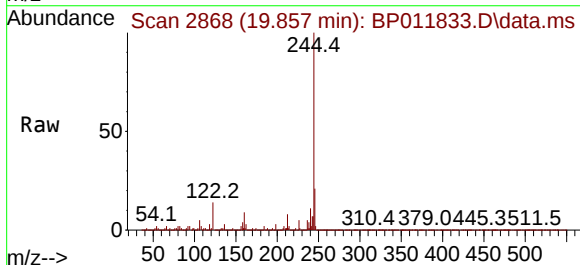
Instrument :
BNA_P
ClientSampleId :
PB147943TB

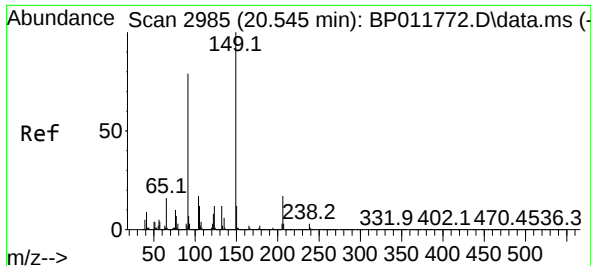
Tgt Ion:240 Resp: 1462389
Ion Ratio Lower Upper
240 100
120 13.1 12.0 18.0
236 26.2 21.1 31.7



#79
Terphenyl-d14
Concen: 103.499 ng
RT: 19.857 min Scan# 2868
Delta R.T. -0.012 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Tgt Ion:244 Resp: 6582590
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 13.8 11.8 17.8

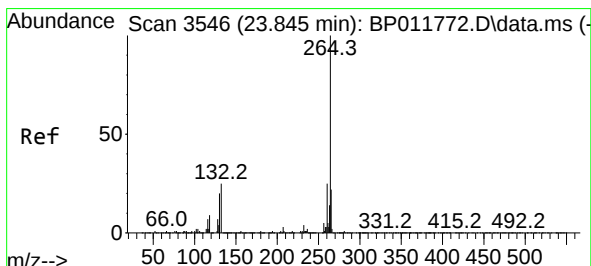
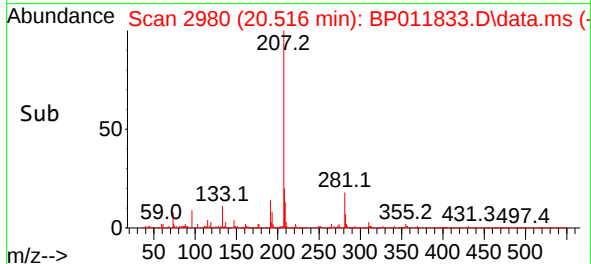
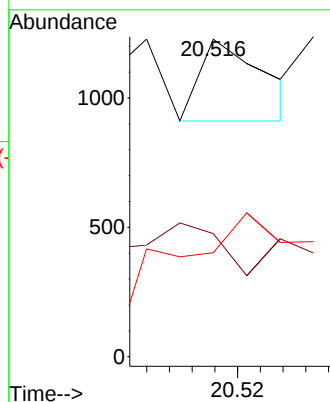
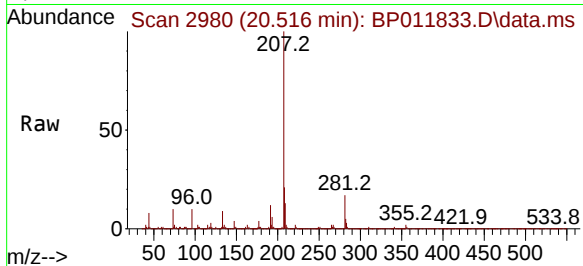




#80
Butylbenzylphthalate
Concen: 2.688 ng
RT: 20.516 min Scan# 2985
Delta R.T. -0.024 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Instrument :
BNA_P
ClientSampleId :
PB147943TB

Tgt Ion:149 Resp: 247
Ion Ratio Lower Upper
149 100
91 38.8 63.1 94.7#
206 32.8 13.6 20.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3542
Delta R.T. -0.018 min
Lab File: BP011833.D
Acq: 28 Sep 2022 16:54

Tgt Ion:264 Resp: 1220442
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 22.4 17.8 26.8

