

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090622\
 Data File : BP011629.D
 Acq On : 06 Sep 2022 17:14
 Operator : CG/JU
 Sample : N4500-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-02-COMP

Quant Time: Sep 07 03:45:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 03 04:07:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

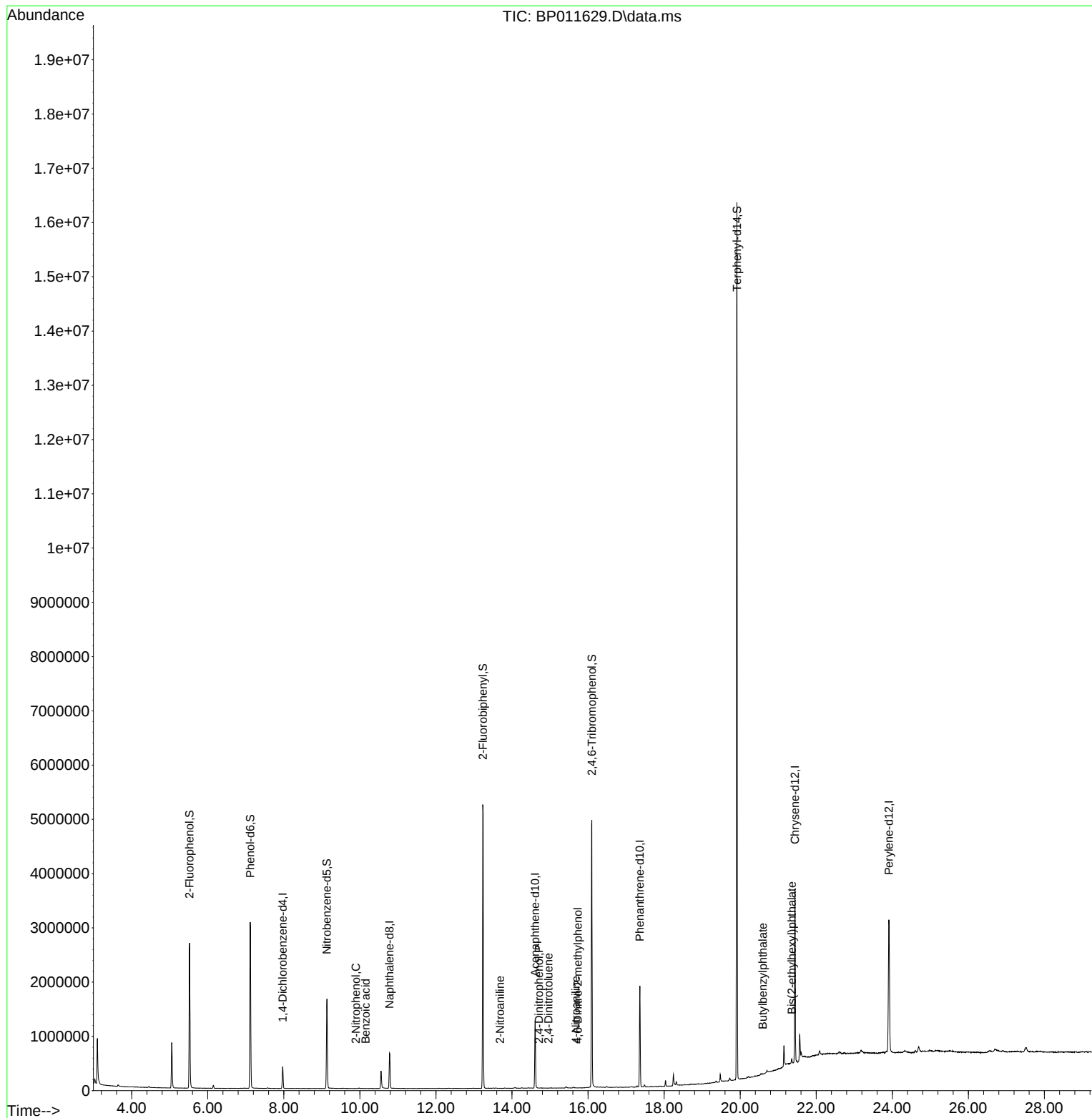
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	114677	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	562692	20.000	ng	#-0.01
39) Acenaphthene-d10	14.610	164	416993	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1096747	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1494681	20.000	ng	-0.01
86) Perylene-d12	23.910	264	1875824	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1303696	201.062	ng	0.00
7) Phenol-d6	7.116	99	1916597	223.386	ng	-0.01
23) Nitrobenzene-d5	9.134	82	911913	99.480	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	949662	201.568	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	2786569	95.560	ng	-0.01
79) Terphenyl-d14	19.916	244	7661919	107.366	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	54	4.901	ng	# 1
32) Benzoic acid	10.151	122	210	8.634	ng	# 20
48) 2-Nitroaniline	13.687	65	177	3.428	ng	# 44
54) 2,4-Dinitrophenol	14.710	184	14	6.457	ng	# 1
57) 2,4-Dinitrotoluene	14.957	165	248	3.671	ng	# 78
62) 4-Nitroaniline	15.681	138	118	2.660	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.728	198	26	7.894	ng	# 1
80) Butylbenzylphthalate	20.592	149	3037	3.782	ng	94
84) Bis(2-ethylhexyl)phtha...	21.357	149	27988	2.353	ng	96

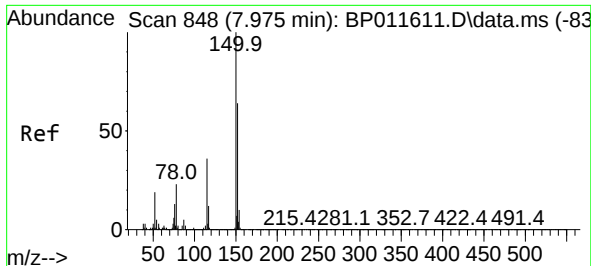
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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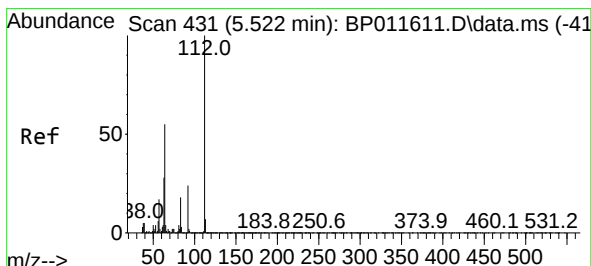
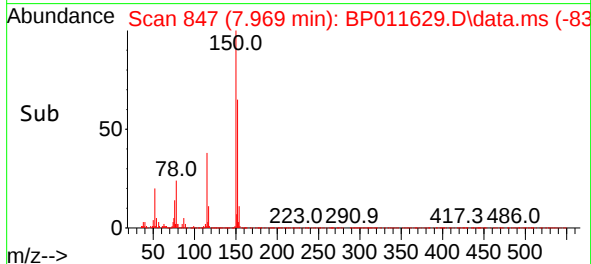
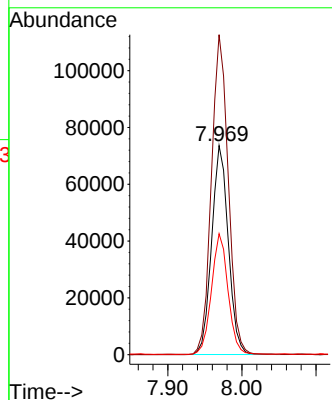
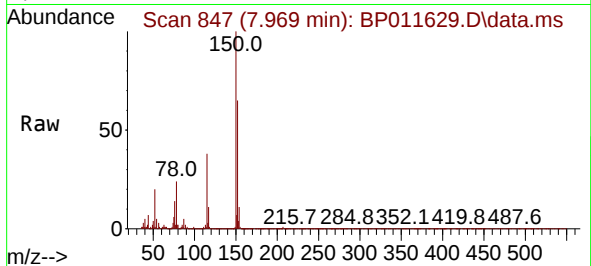




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

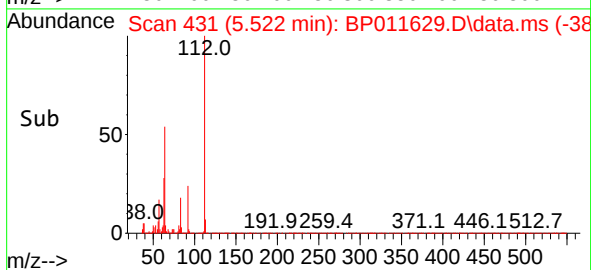
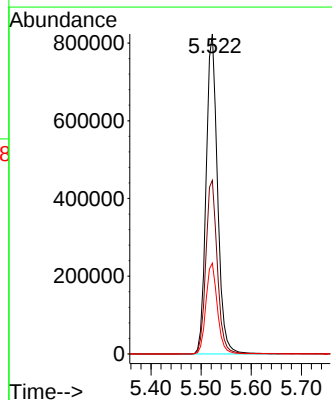
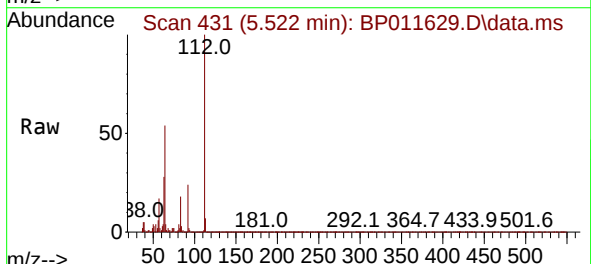
Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

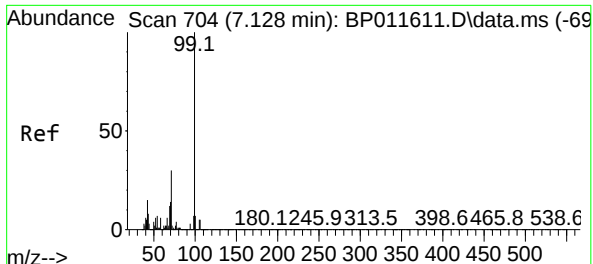
Tgt Ion:152 Resp: 114677
Ion Ratio Lower Upper
152 100
150 153.0 123.4 185.2
115 57.8 51.3 76.9



#5
2-Fluorophenol
Concen: 201.062 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.000 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

Tgt Ion:112 Resp: 1303696
Ion Ratio Lower Upper
112 100
64 54.2 56.9 85.3#
63 28.3 31.2 46.8#

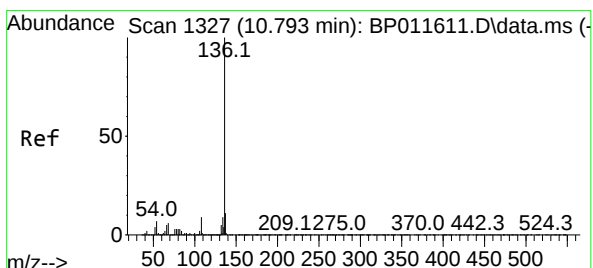
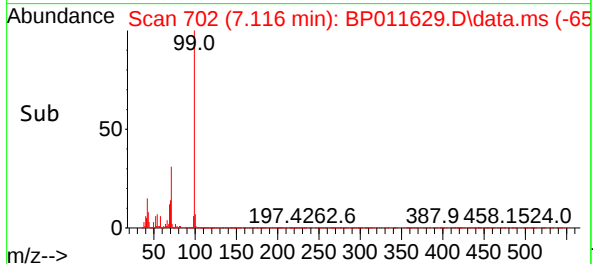
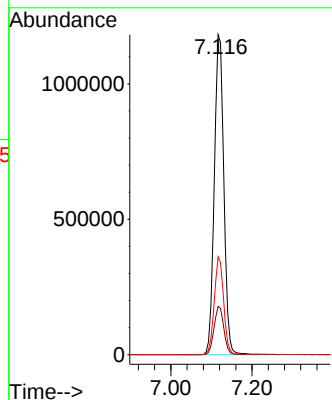
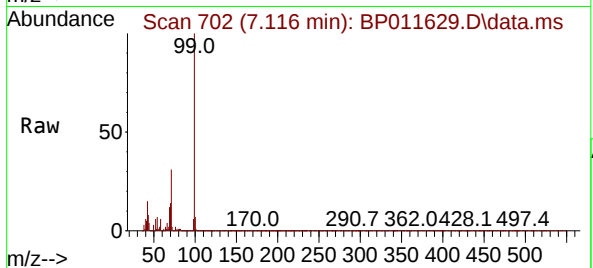




#7
Phenol-d6
Concen: 223.386 ng
RT: 7.116 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

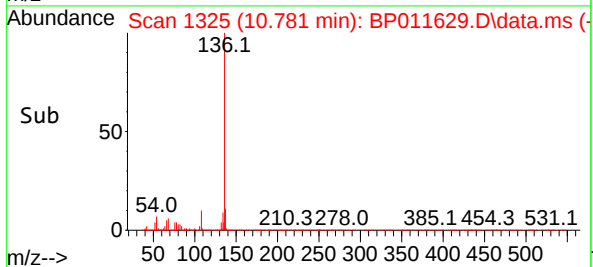
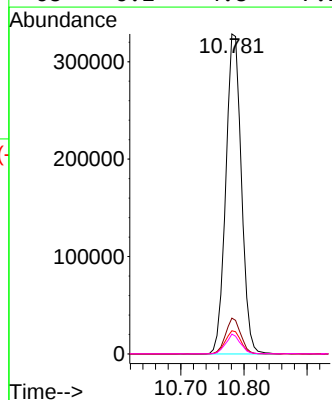
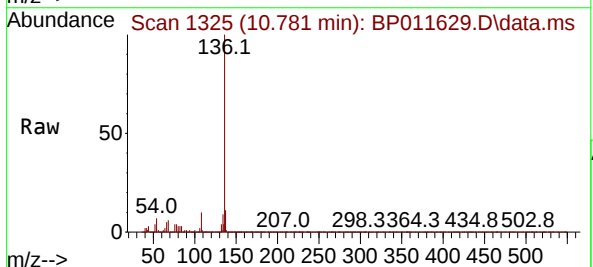
Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

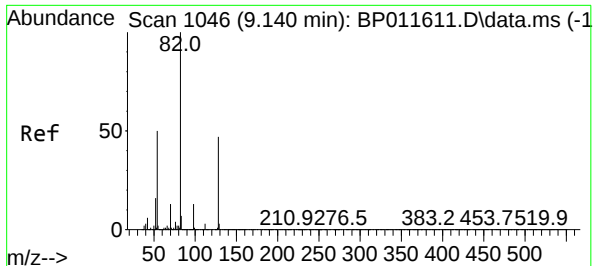
Tgt Ion: 99 Resp: 1916597
Ion Ratio Lower Upper
99 100
42 15.1 20.3 30.5#
71 30.6 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

Tgt Ion:136 Resp: 562692
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.3 8.7 13.1#
68 6.2 4.8 7.2

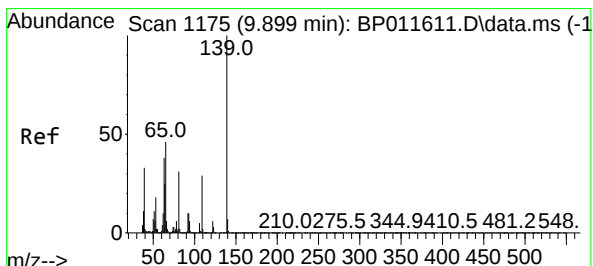
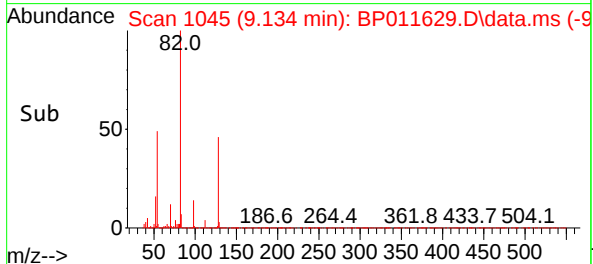
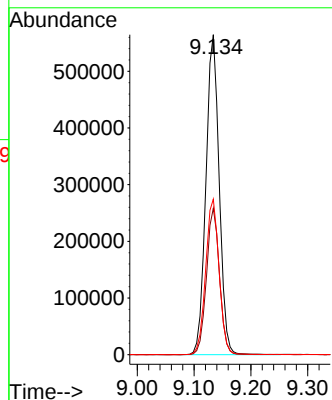
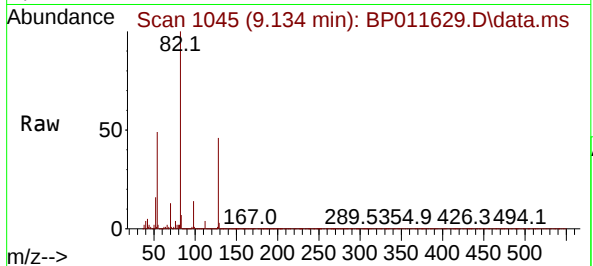




#23
Nitrobenzene-d5
Concen: 99.480 ng
RT: 9.134 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

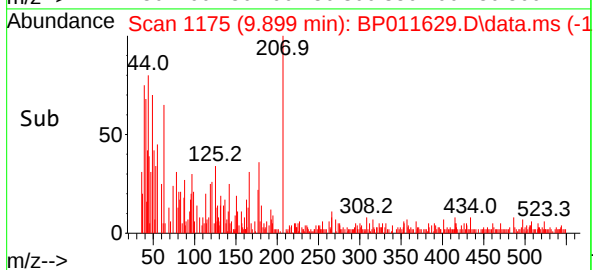
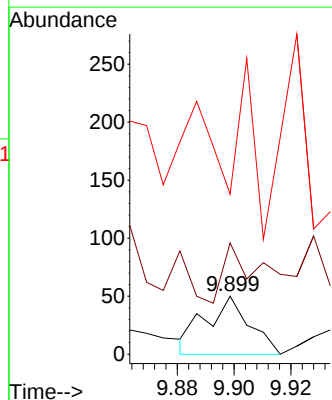
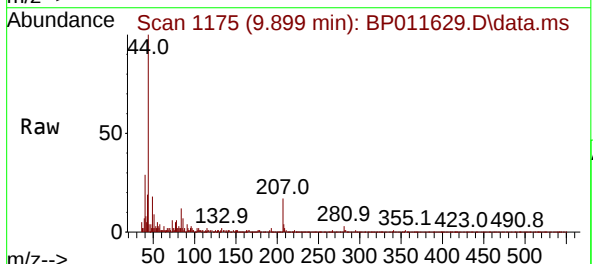
Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

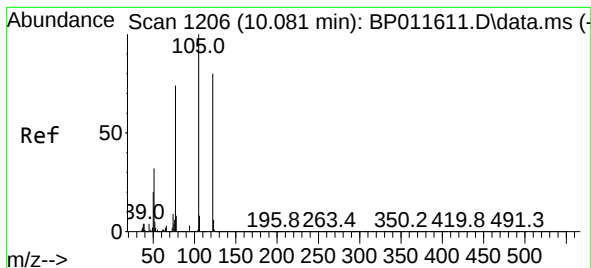
Tgt Ion: 82 Resp: 911913
Ion Ratio Lower Upper
82 100
128 45.8 31.3 46.9
54 48.6 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.901 ng
RT: 9.899 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 192.0 30.2 45.4#
65 276.0 52.2 78.2#





#32

Benzoic acid

Concen: 8.634 ng

RT: 10.151 min Scan# 1218

Delta R.T. 0.070 min

Lab File: BP011629.D

Acq: 06 Sep 2022 17:14

Instrument :

BNA_P

ClientSampleId :

SB-02-COMP

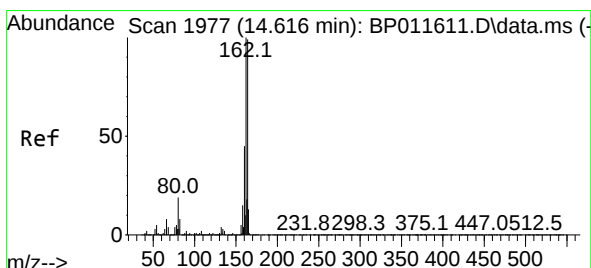
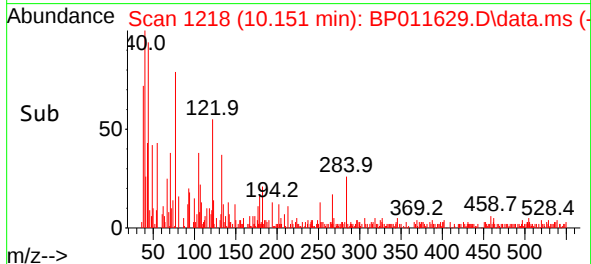
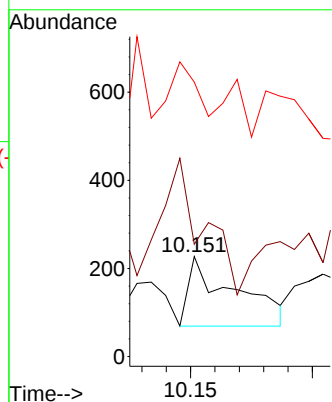
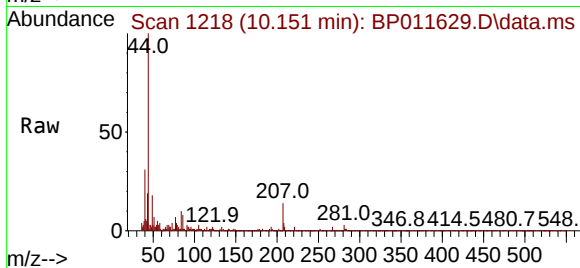
Tgt Ion:122 Resp: 210

Ion Ratio Lower Upper

122 100

105 112.3 112.6 152.6#

77 274.4 90.2 130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1976

Delta R.T. -0.006 min

Lab File: BP011629.D

Acq: 06 Sep 2022 17:14

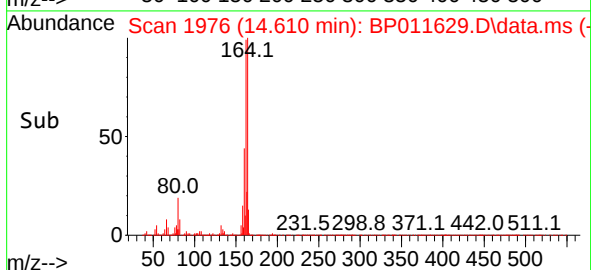
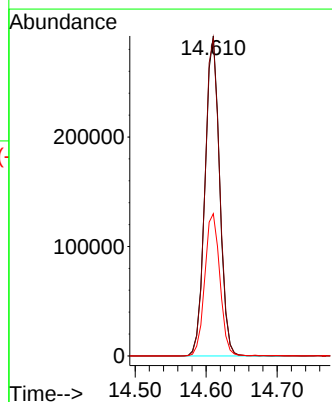
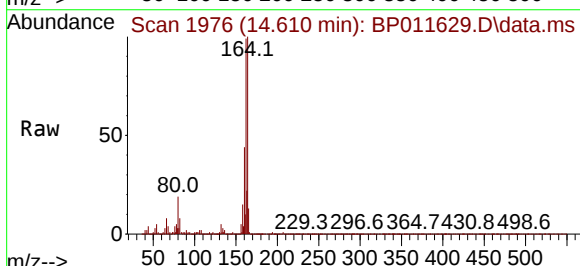
Tgt Ion:164 Resp: 416993

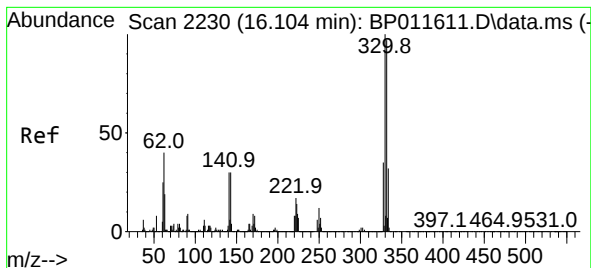
Ion Ratio Lower Upper

164 100

162 99.3 81.9 122.9

160 44.4 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 201.568 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011629.D

Acq: 06 Sep 2022 17:14

Instrument :

BNA_P

ClientSampleId :

SB-02-COMP

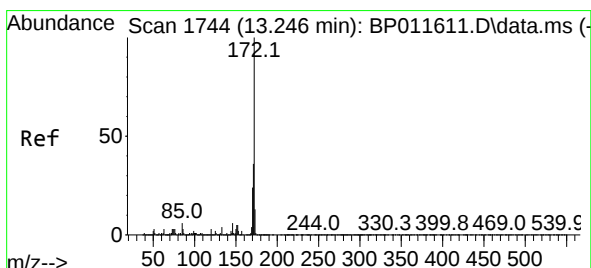
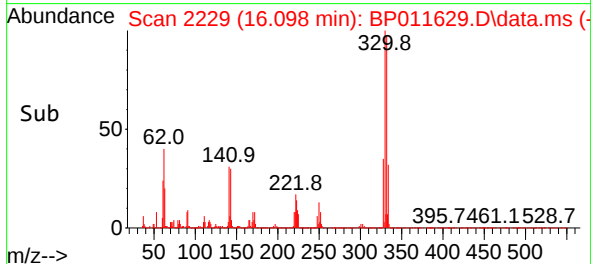
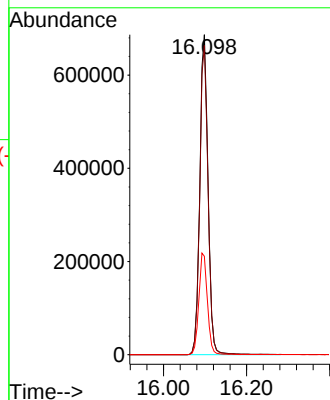
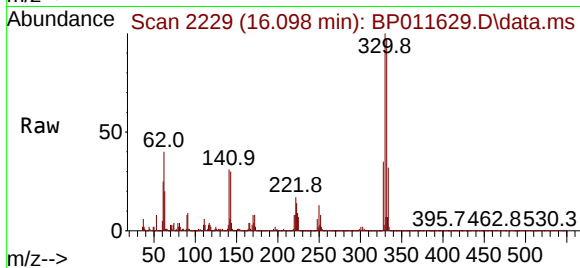
Tgt Ion:330 Resp: 949662

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 32.8 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 95.560 ng

RT: 13.234 min Scan# 1742

Delta R.T. -0.012 min

Lab File: BP011629.D

Acq: 06 Sep 2022 17:14

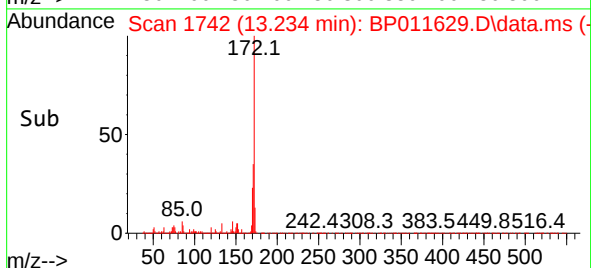
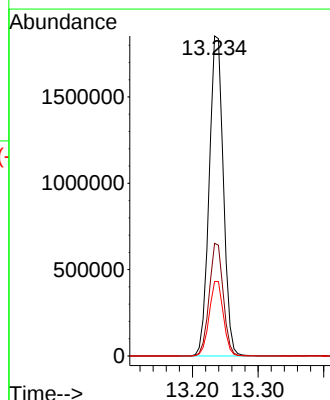
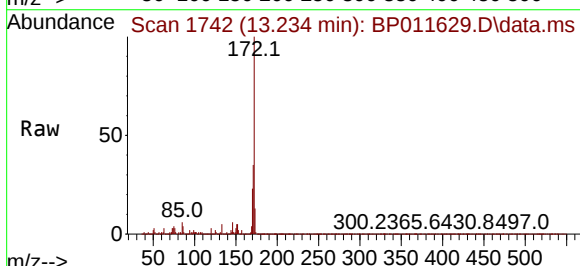
Tgt Ion:172 Resp: 2786569

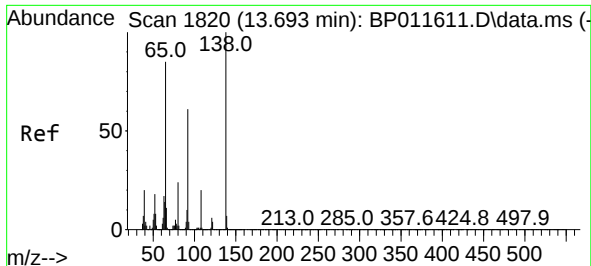
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.2 18.2 27.2

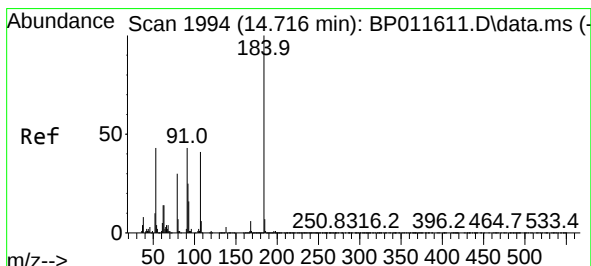
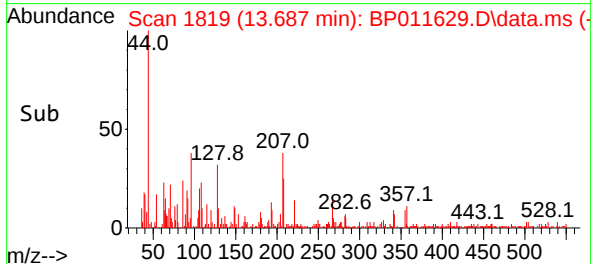
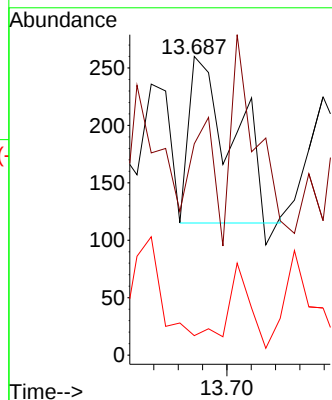
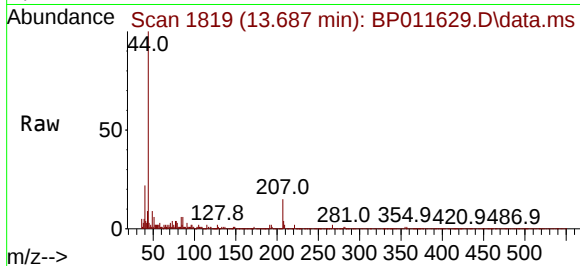




#48
2-Nitroaniline
Concen: 3.428 ng
RT: 13.687 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

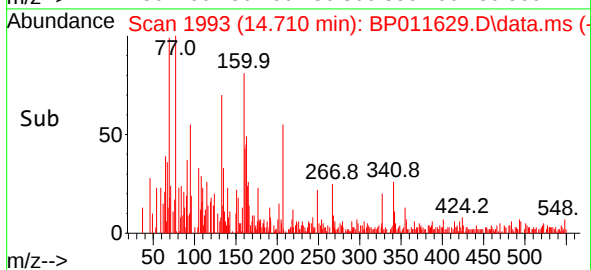
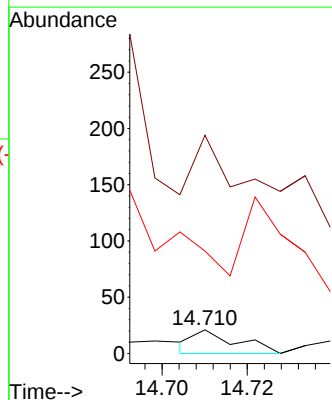
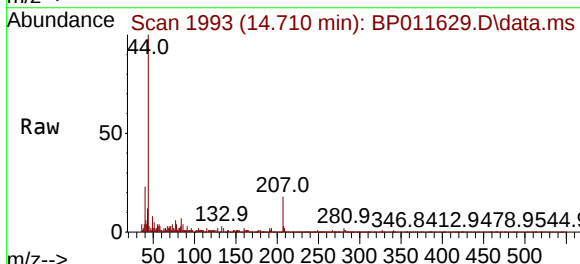
Instrument :
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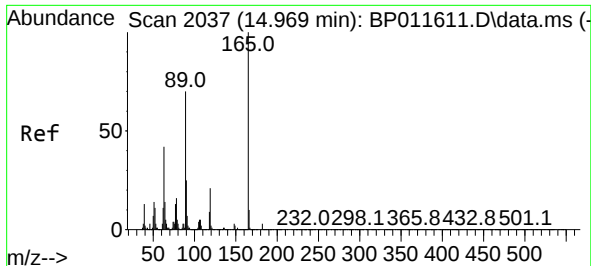
Tgt Ion: 65 Resp: 177
Ion Ratio Lower Upper
65 100
92 70.8 50.0 75.0
138 6.5 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.457 ng
RT: 14.710 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

Tgt Ion: 184 Resp: 14
Ion Ratio Lower Upper
184 100
63 669.0 65.4 98.2#
154 313.8 55.4 83.2#

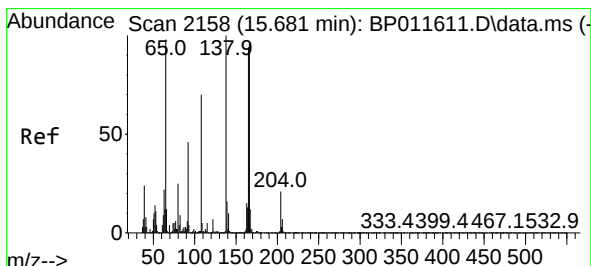
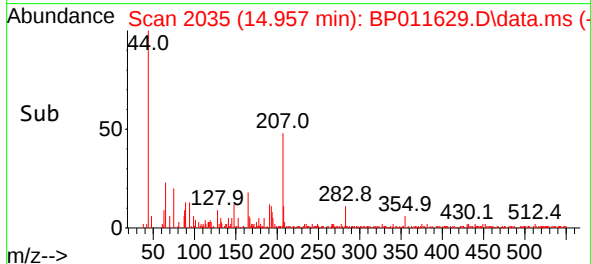
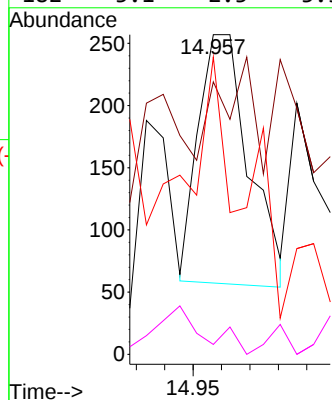
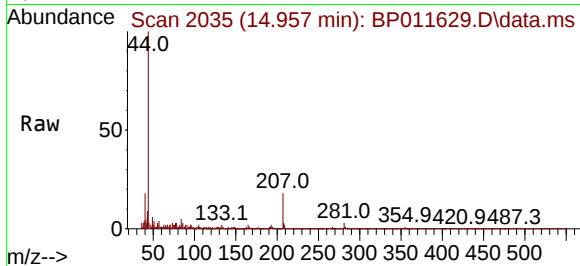




#57
2,4-Dinitrotoluene
Concen: 3.671 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

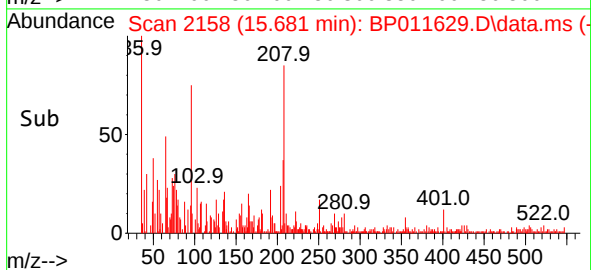
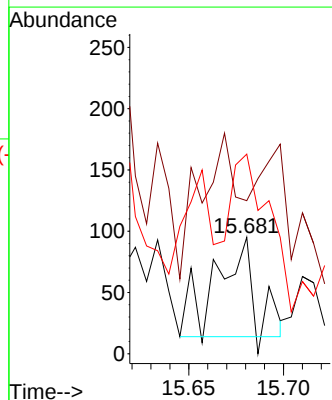
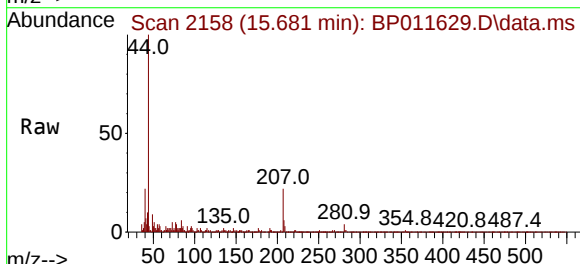
Instrument :
BNA_P
ClientSampleId :
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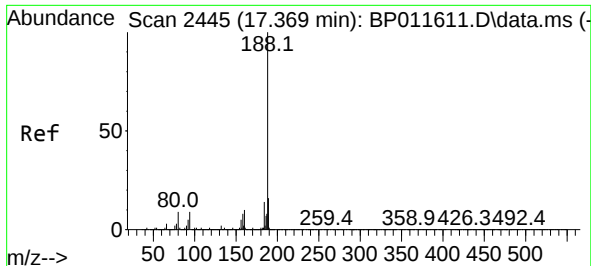
Tgt Ion:	165	Resp:	248
Ion	Ratio	Lower	Upper
165	100		
63	85.2	46.2	69.2#
89	93.0	65.8	98.8
182	3.1	2.3	3.5



#62
4-Nitroaniline
Concen: 2.660 ng
RT: 15.681 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

Tgt Ion:	138	Resp:	118
Ion	Ratio	Lower	Upper
138	100		
92	131.6	38.0	78.0#
108	171.6	77.6	117.6#

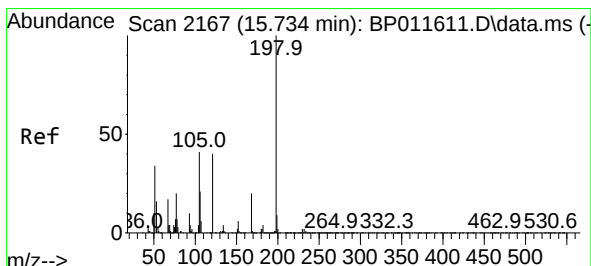
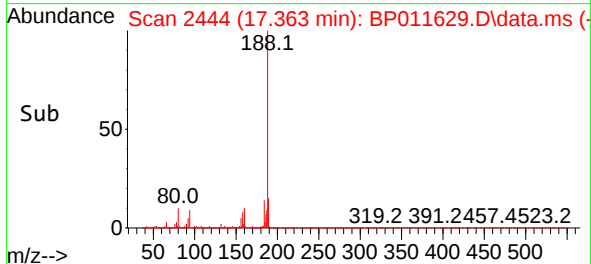
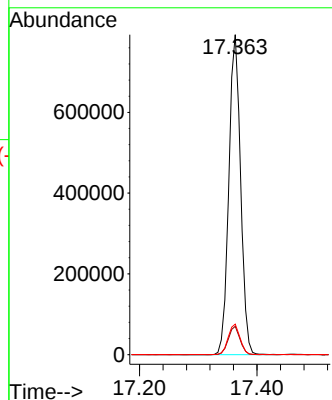
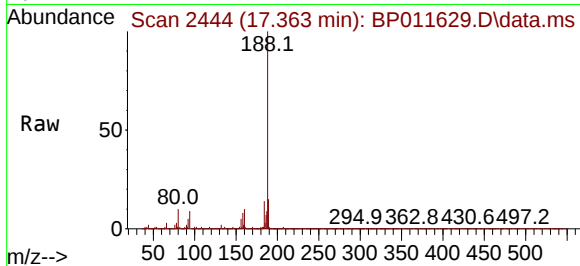




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

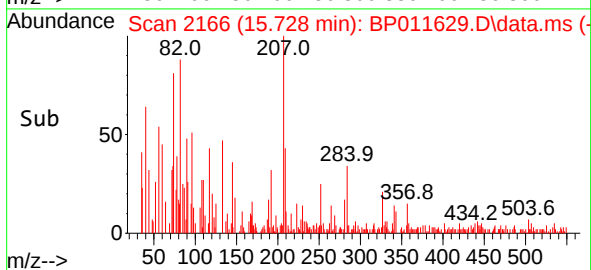
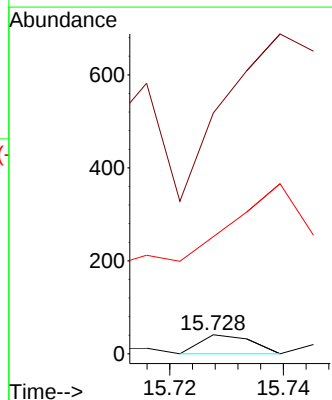
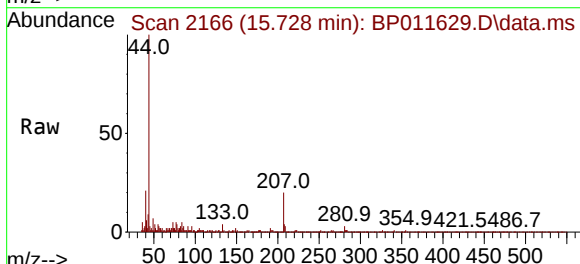
Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

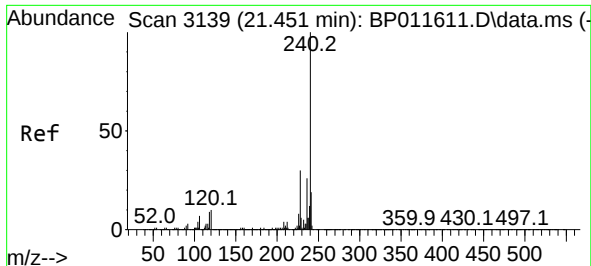
Tgt Ion:188 Resp: 1096747
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.894 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 1263.4 41.2 81.2#
105 614.6 25.3 65.3#

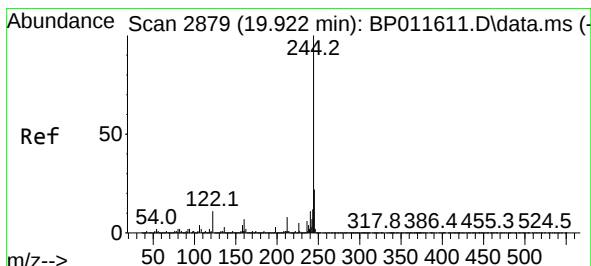
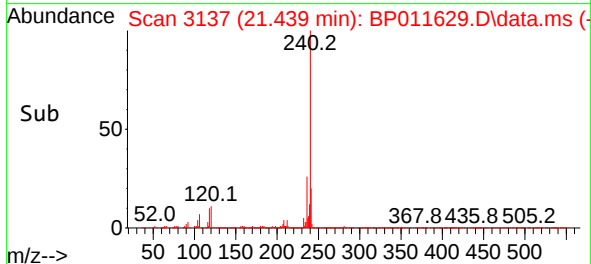
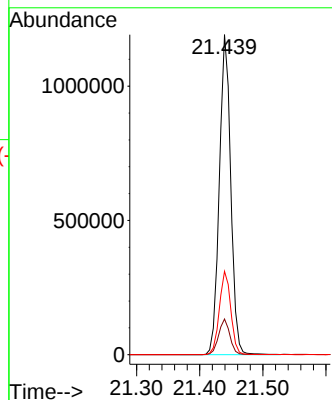
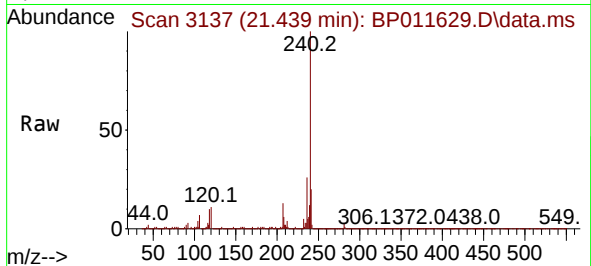




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

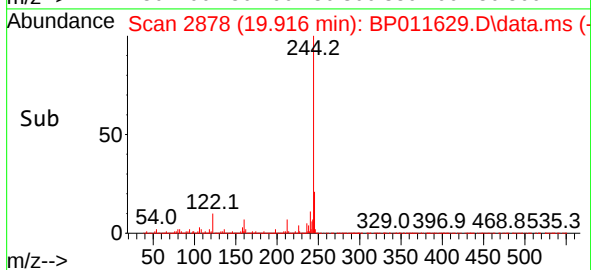
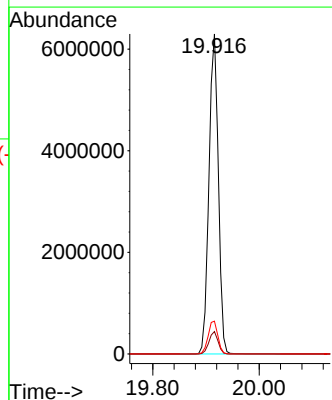
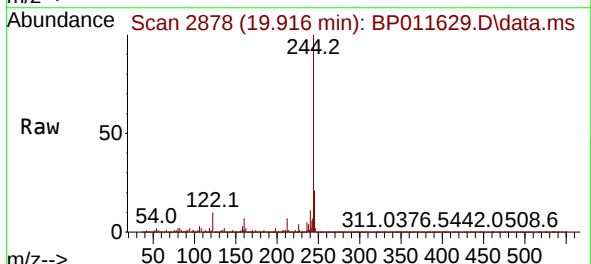
Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

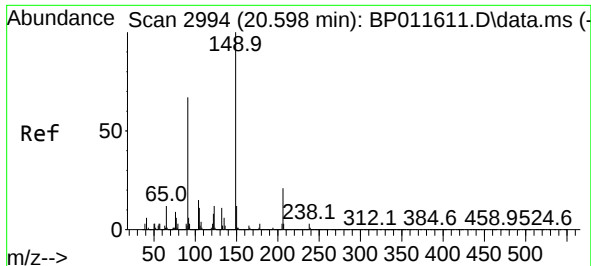
Tgt Ion:240 Resp: 1494681
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 26.1 19.8 29.6



#79
Terphenyl-d14
Concen: 107.366 ng
RT: 19.916 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

Tgt Ion:244 Resp: 7661919
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.3 7.6 11.4

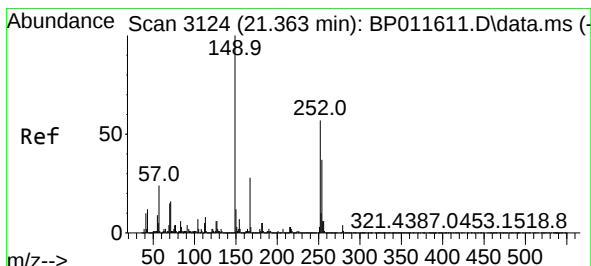
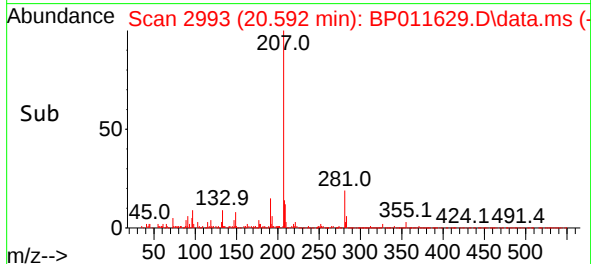
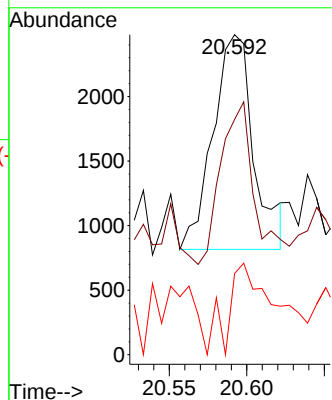
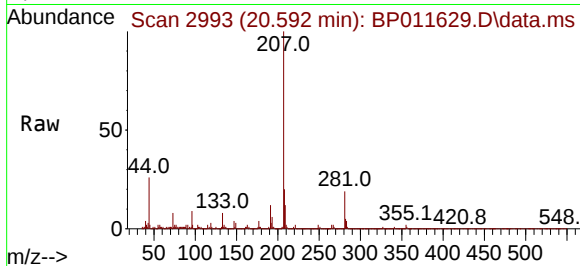




#80
Butylbenzylphthalate
Concen: 3.782 ng
RT: 20.592 min Scan# 2994
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

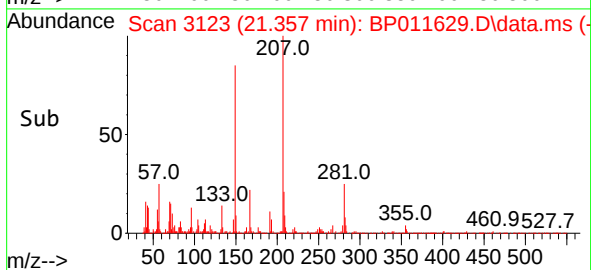
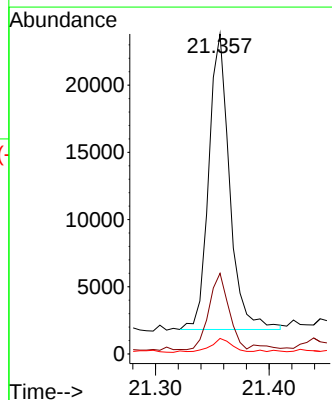
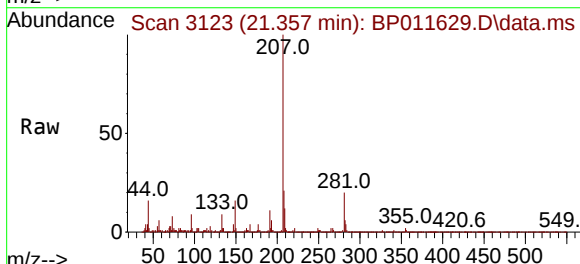
Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

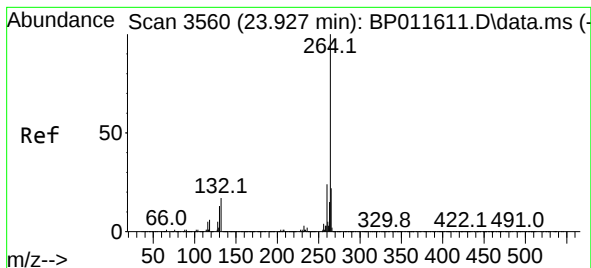
Tgt Ion:149 Resp: 3037
Ion Ratio Lower Upper
149 100
91 73.5 62.5 93.7
206 25.4 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.353 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP011629.D
Acq: 06 Sep 2022 17:14

Tgt Ion:149 Resp: 27988
Ion Ratio Lower Upper
149 100
167 25.2 21.8 32.8
279 4.9 3.7 5.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.910 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP011629.D

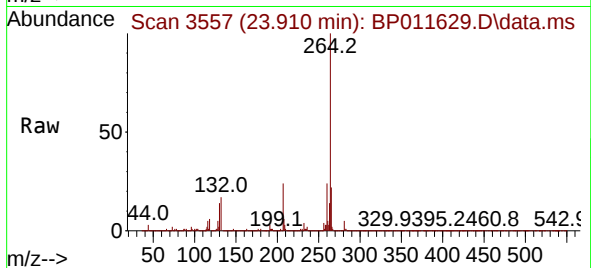
Acq: 06 Sep 2022 17:14

Instrument :

BNA_P

ClientSampleId :

SB-02-COMP



Tgt Ion:264 Resp: 1875824

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.7 18.0 27.0

