

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090722\
 Data File : BP011648.D
 Acq On : 07 Sep 2022 15:12
 Operator : CG/JU
 Sample : N4501-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-COMP

Quant Time: Sep 08 04:05:22 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)

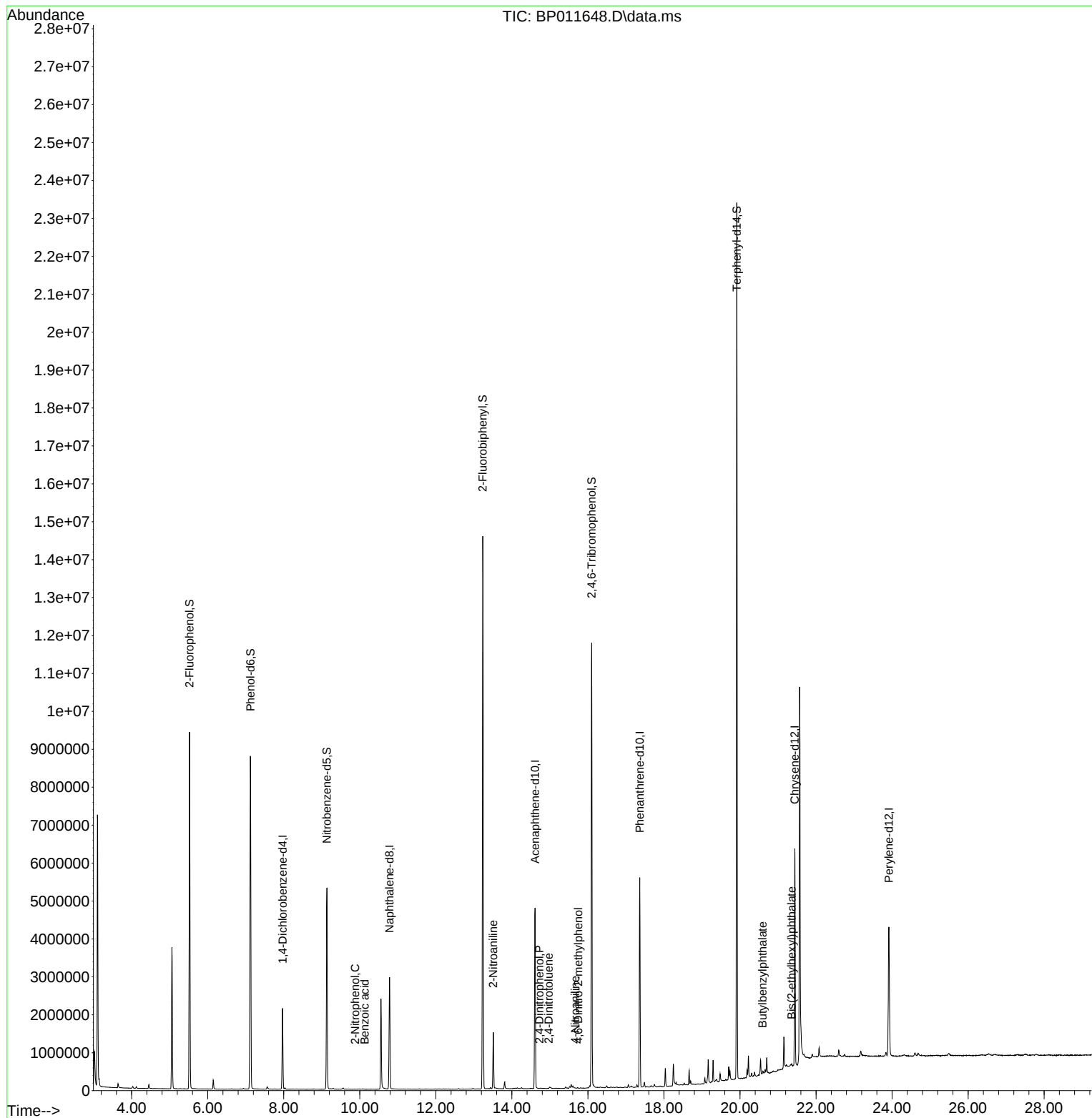
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	604833	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	2479242	20.000	ng	#-0.01
39) Acenaphthene-d10	14.610	164	1680249	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	3365852	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2885401	20.000	ng	-0.01
86) Perylene-d12	23.916	264	2598480	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	4219449	123.381	ng	0.00
7) Phenol-d6	7.122	99	5426652	119.922	ng	0.00
23) Nitrobenzene-d5	9.134	82	3009881	74.522	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	2430171	128.010	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	7760350	66.046	ng	-0.01
79) Terphenyl-d14	19.916	244	10443061	75.805	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	108	4.895	ng	# 41
32) Benzoic acid	10.128	122	158	8.605	ng	# 1
48) 2-Nitroaniline	13.510	65	24144	4.266	ng	# 24
54) 2,4-Dinitrophenol	14.722	184	40	6.455	ng	# 1
57) 2,4-Dinitrotoluene	14.969	165	351	3.653	ng	# 80
62) 4-Nitroaniline	15.663	138	164	2.650	ng	# 35
65) 4,6-Dinitro-2-methylph...	15.745	198	10	7.890	ng	# 1
80) Butylbenzylphthalate	20.592	149	4481	3.765	ng	# 58
84) Bis(2-ethylhexyl)phtha...	21.357	149	17395	2.042	ng	# 98

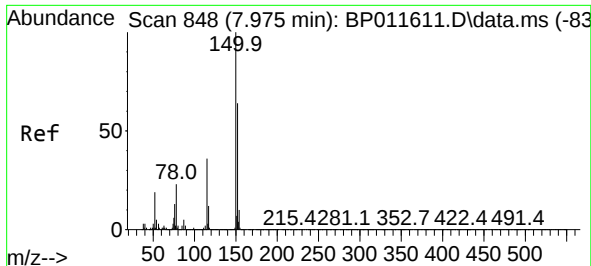
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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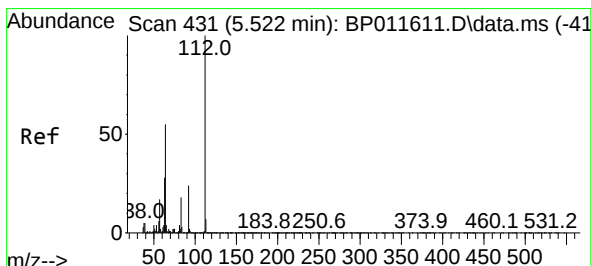
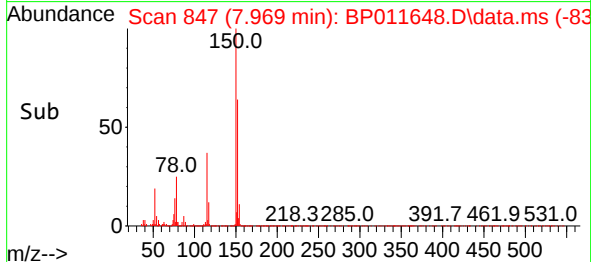
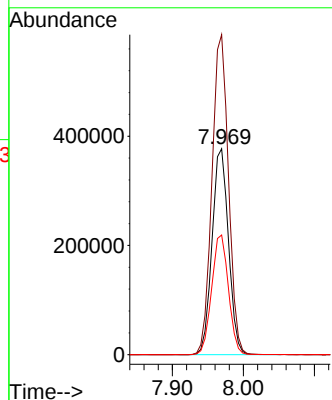
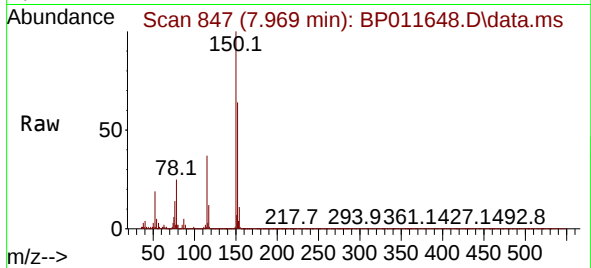




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

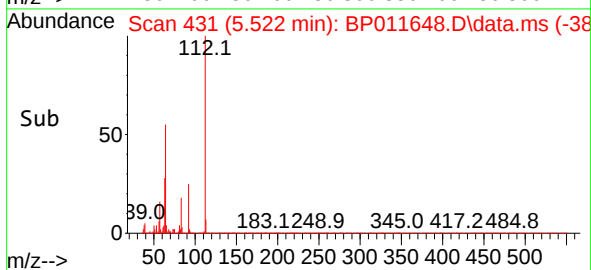
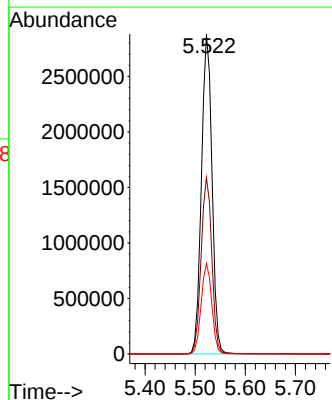
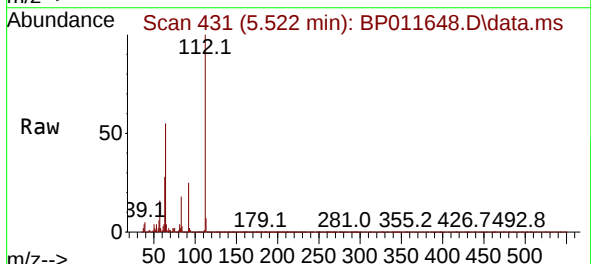
Instrument :
BNA_P
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SB-10-COMP

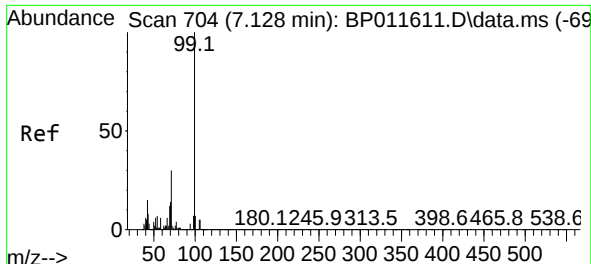
Tgt Ion:152 Resp: 604833
Ion Ratio Lower Upper
152 100
150 155.4 123.4 185.2
115 58.1 51.3 76.9



#5
2-Fluorophenol
Concen: 123.381 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.000 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion:112 Resp: 4219449
Ion Ratio Lower Upper
112 100
64 55.1 56.9 85.3#
63 28.3 31.2 46.8#

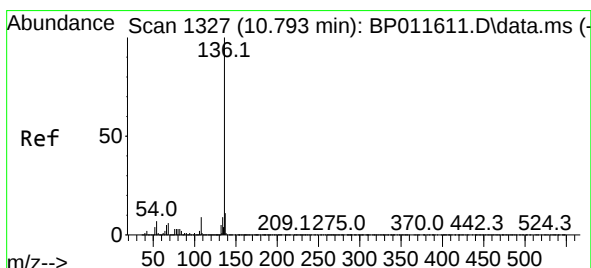
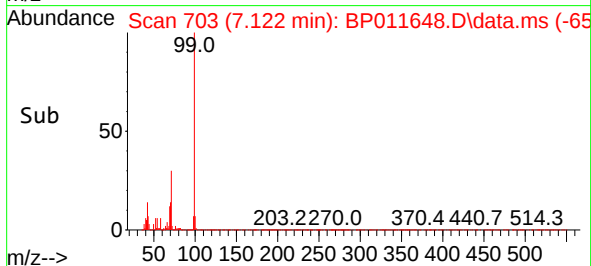
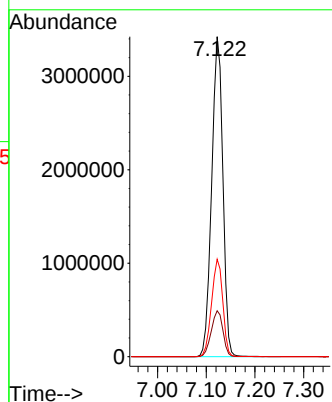
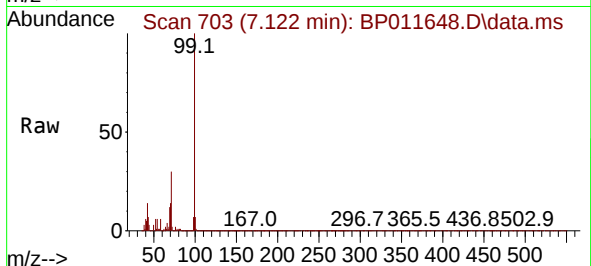




#7
Phenol-d6
Concen: 119.922 ng
RT: 7.122 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

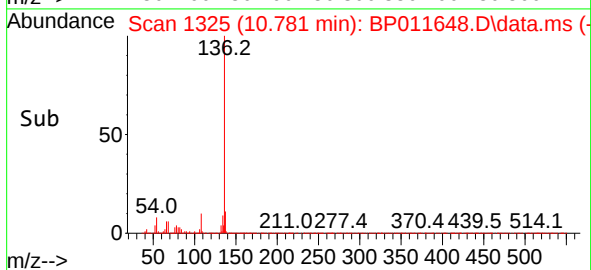
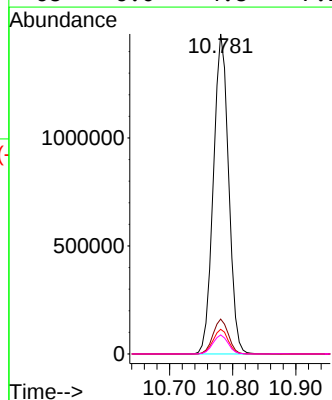
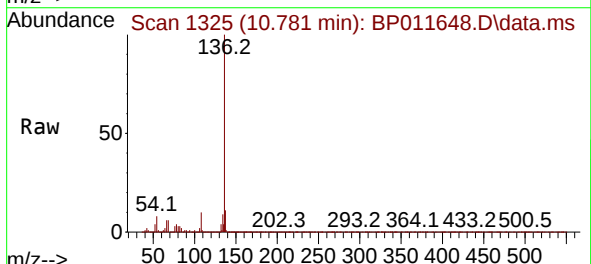
Instrument :
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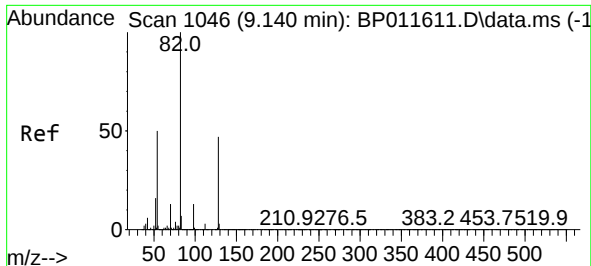
Tgt Ion: 99 Resp: 5426652
Ion Ratio Lower Upper
99 100
42 14.3 20.3 30.5#
71 30.5 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion:136 Resp: 2479242
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.7 8.7 13.1#
68 6.0 4.8 7.2

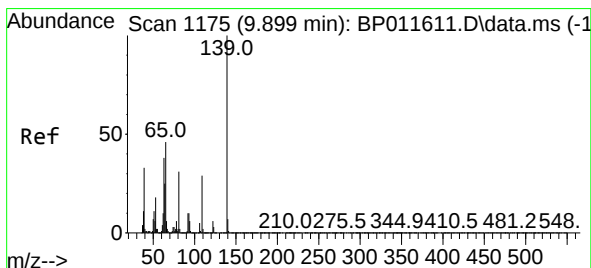
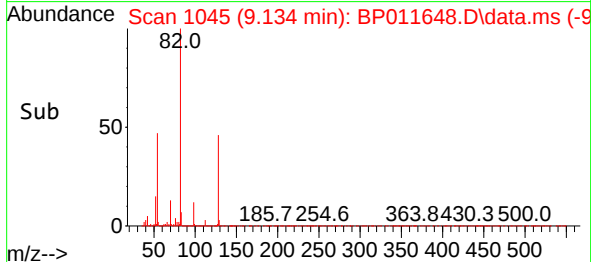
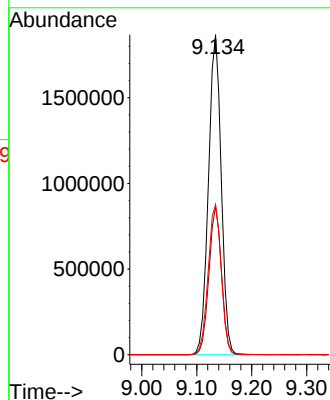
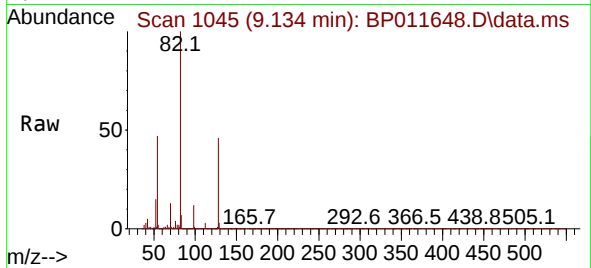




#23
Nitrobenzene-d5
Concen: 74.522 ng
RT: 9.134 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

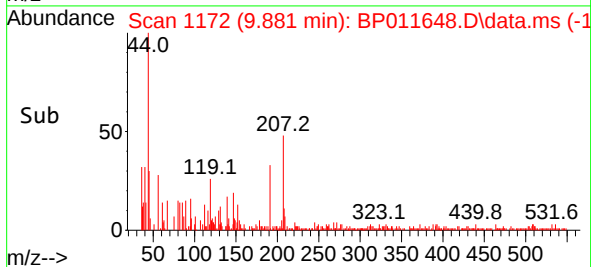
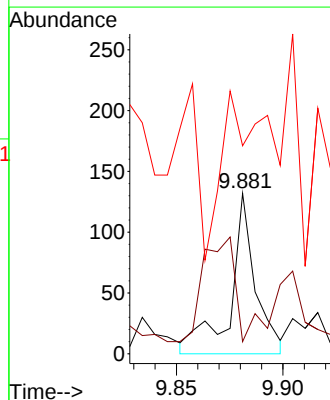
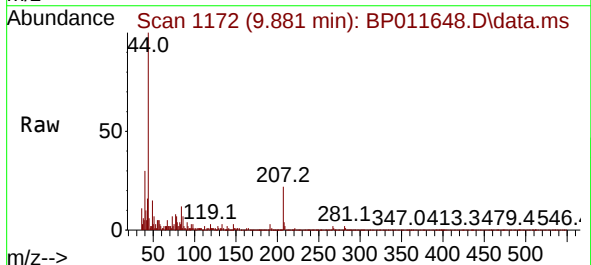
Instrument :
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ClientSampleId :
SB-10-COMP

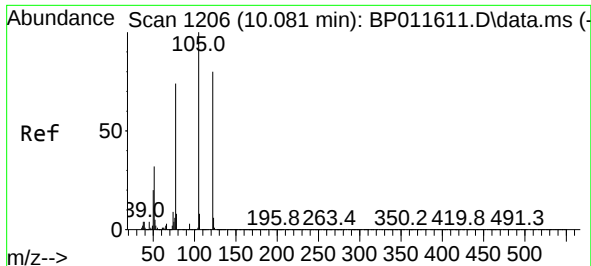
Tgt Ion: 82 Resp: 3009881
Ion Ratio Lower Upper
82 100
128 46.5 31.3 46.9
54 46.9 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.895 ng
RT: 9.881 min Scan# 1172
Delta R.T. -0.018 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion: 139 Resp: 108
Ion Ratio Lower Upper
139 100
109 25.8 30.2 45.4#
65 129.5 52.2 78.2#

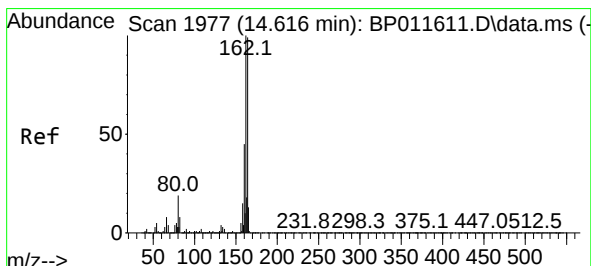
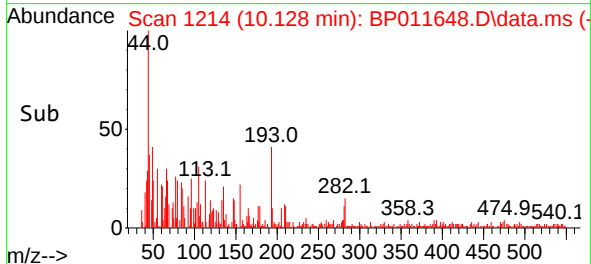
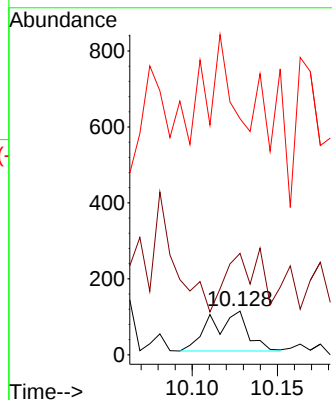
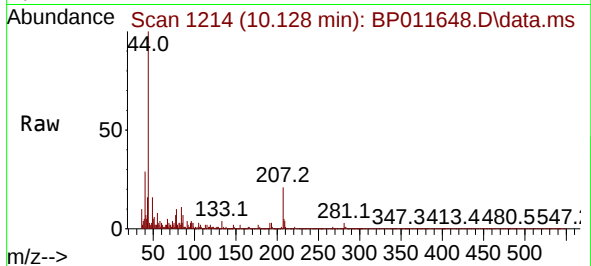




#32
Benzoic acid
Concen: 8.605 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.047 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

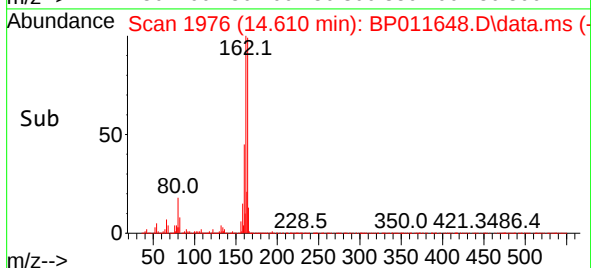
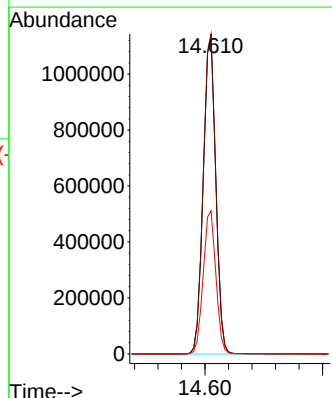
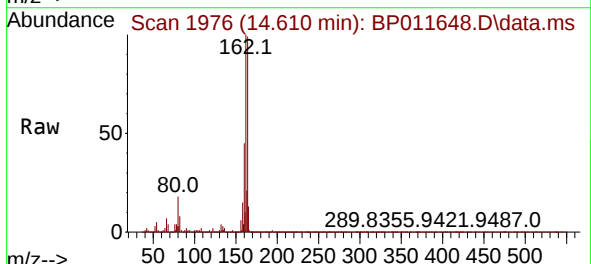
Instrument :
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ClientSampleId :
SB-10-COMP

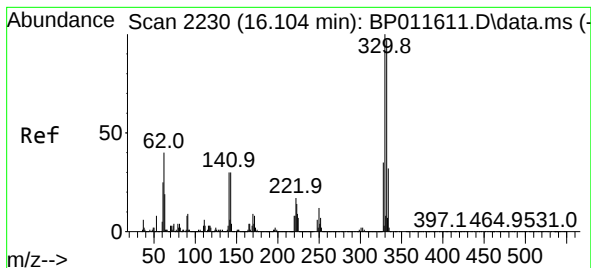
Tgt Ion:122 Resp: 158
Ion Ratio Lower Upper
122 100
105 232.2 112.6 152.6#
77 540.9 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion:164 Resp: 1680249
Ion Ratio Lower Upper
164 100
162 101.3 81.9 122.9
160 45.3 34.6 51.8

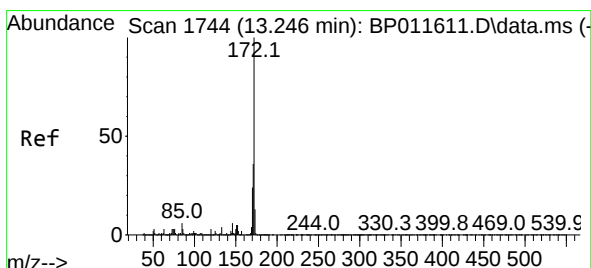
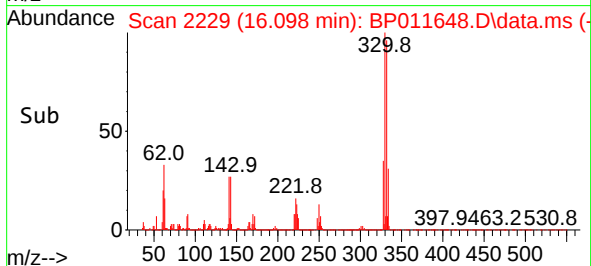
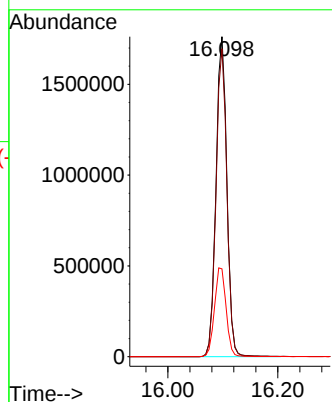
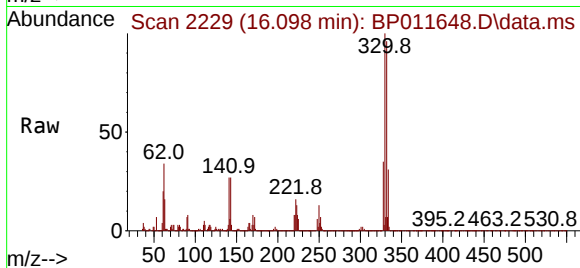




#42
2,4,6-Tribromophenol
Concen: 128.010 ng
RT: 16.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

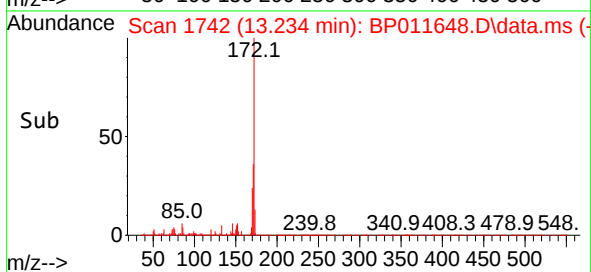
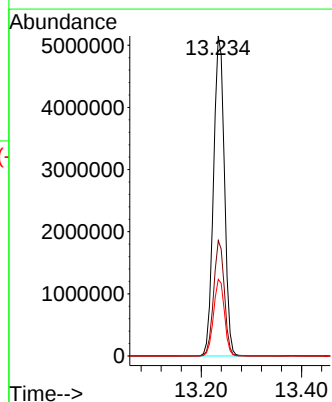
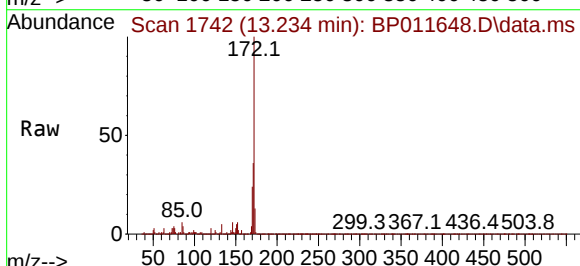
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SB-10-COMP

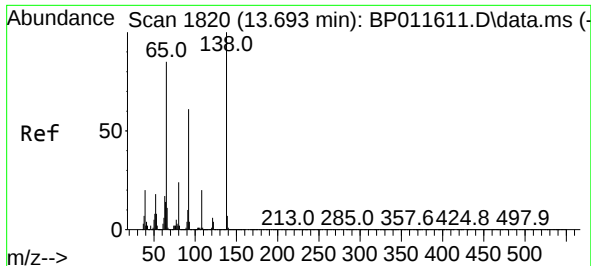
Tgt Ion:330 Resp: 2430171
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 29.6 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 66.046 ng
RT: 13.234 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion:172 Resp: 7760350
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 24.0 18.2 27.2

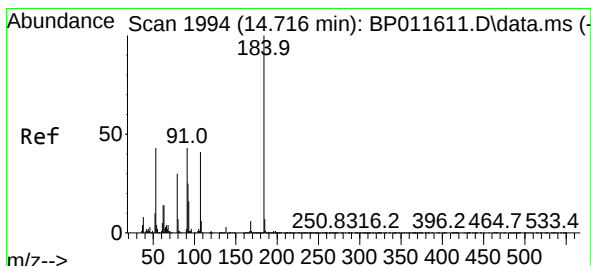
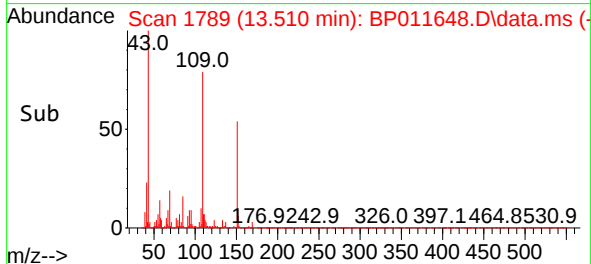
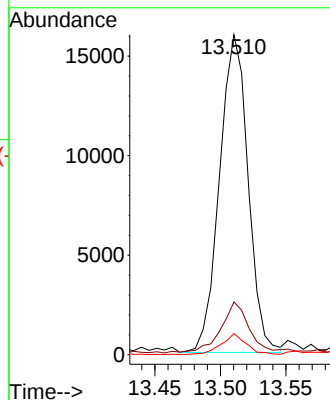
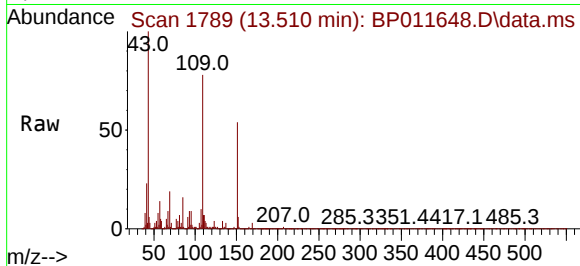




#48
2-Nitroaniline
Concen: 4.266 ng
RT: 13.510 min Scan# 1
Delta R.T. -0.183 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

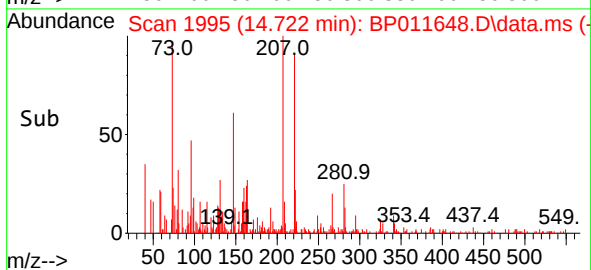
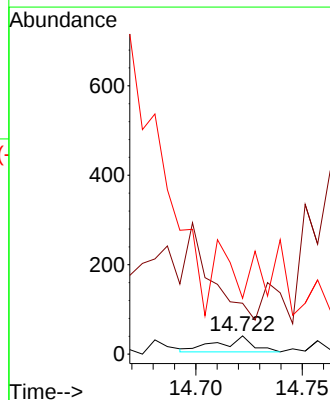
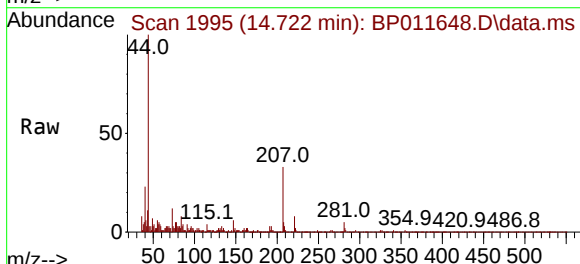
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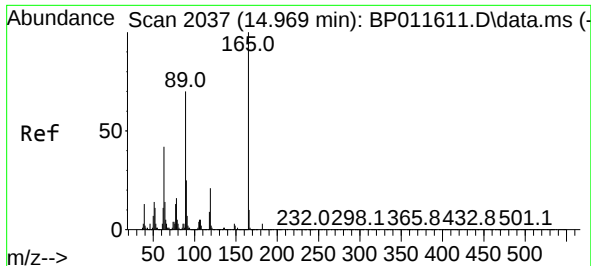
Tgt Ion: 65 Resp: 24144
Ion Ratio Lower Upper
65 100
92 16.5 50.0 75.0#
138 6.6 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.455 ng
RT: 14.722 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion: 184 Resp: 40
Ion Ratio Lower Upper
184 100
63 278.0 65.4 98.2#
154 304.9 55.4 83.2#

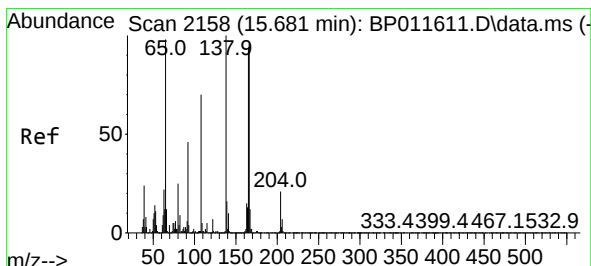
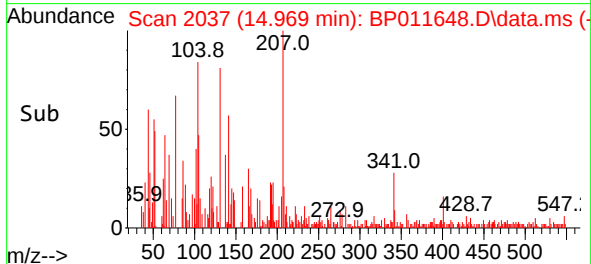
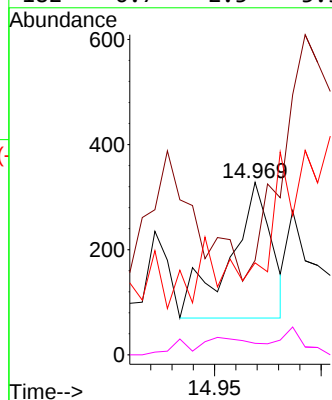
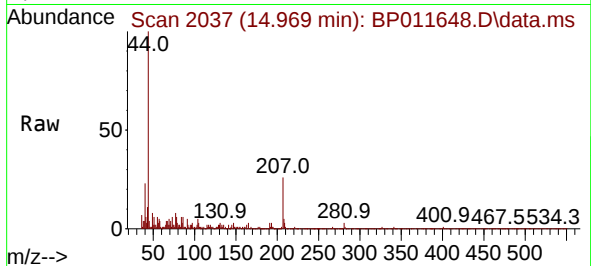




#57
2,4-Dinitrotoluene
Concen: 3.653 ng
RT: 14.969 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

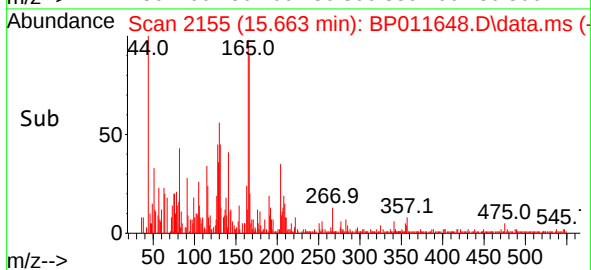
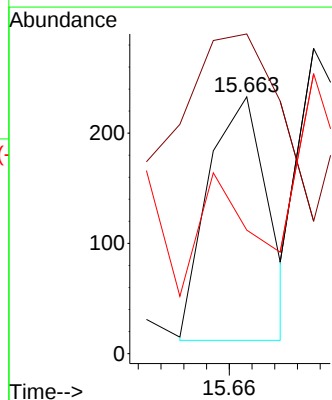
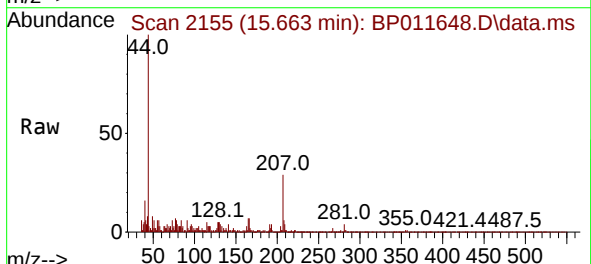
Instrument :
BNA_P
ClientSampleId :
SB-10-COMP

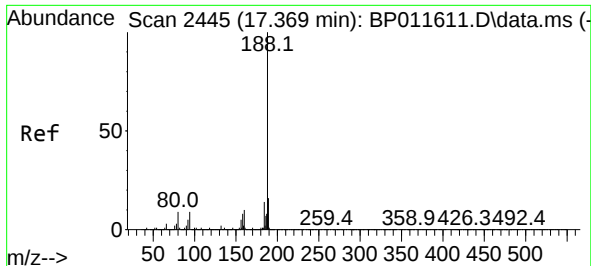
Tgt Ion:	165	Resp:	351
Ion	Ratio	Lower	Upper
165	100		
63	54.9	46.2	69.2
89	53.4	65.8	98.8#
182	6.7	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.650 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.018 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion:	138	Resp:	164
Ion	Ratio	Lower	Upper
138	100		
92	124.5	38.0	78.0#
108	48.1	77.6	117.6#

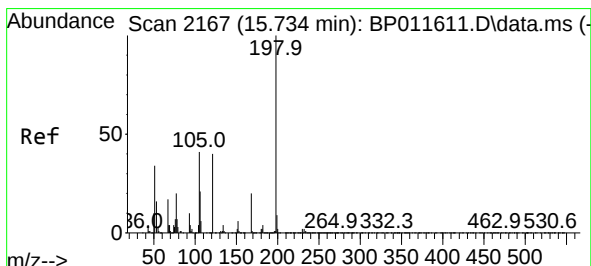
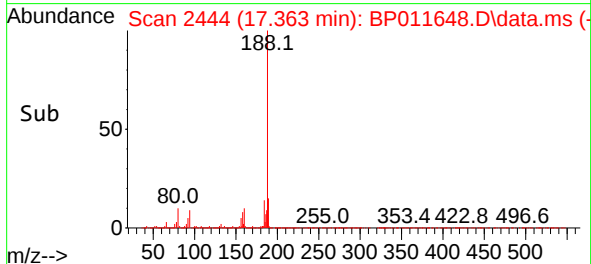
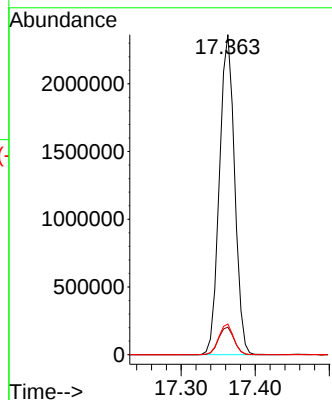
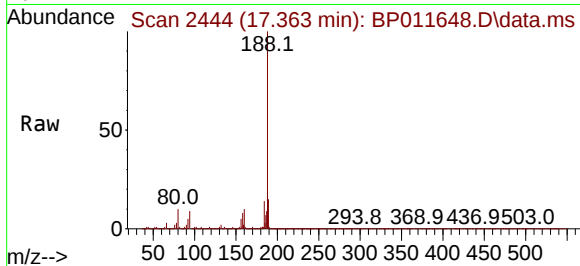




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

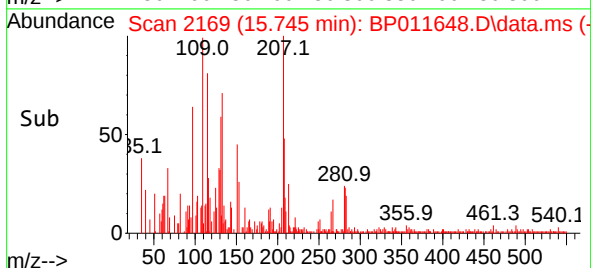
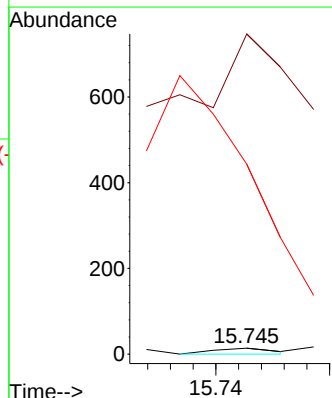
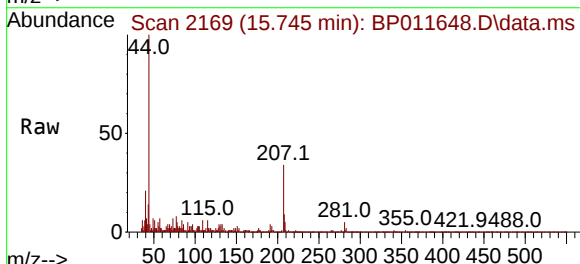
Instrument :
BNA_P
ClientSampleId :
SB-10-COMP

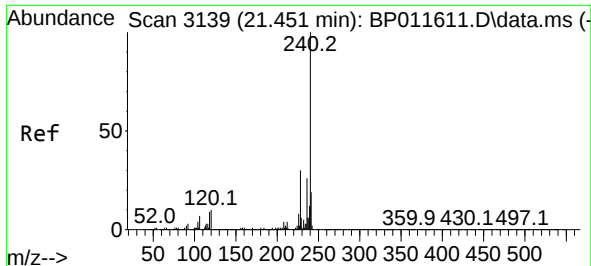
Tgt Ion:188 Resp: 3365852
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.890 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.011 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 5335.7 41.2 81.2#
105 3164.3 25.3 65.3#

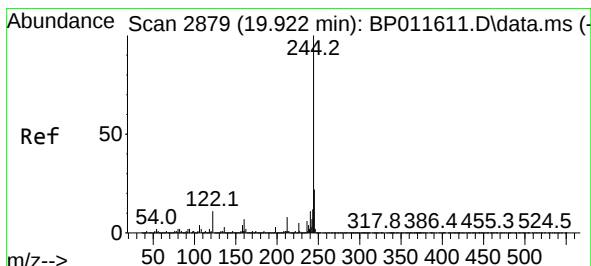
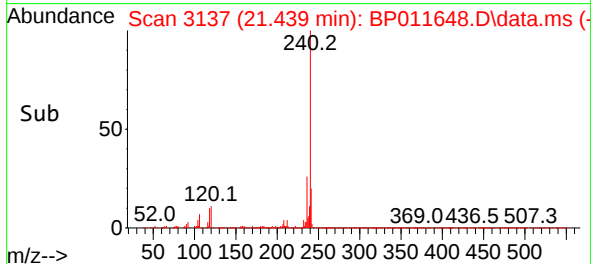
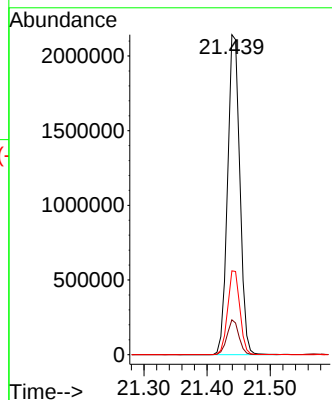
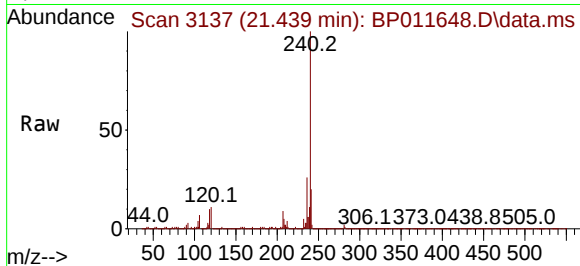




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

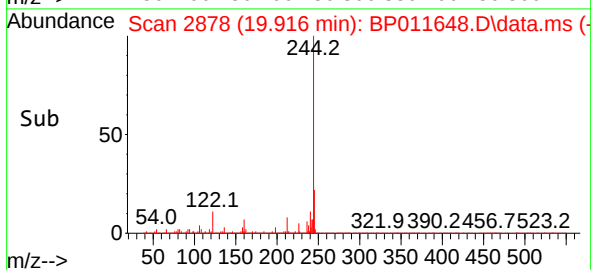
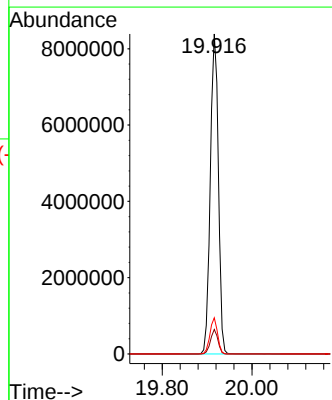
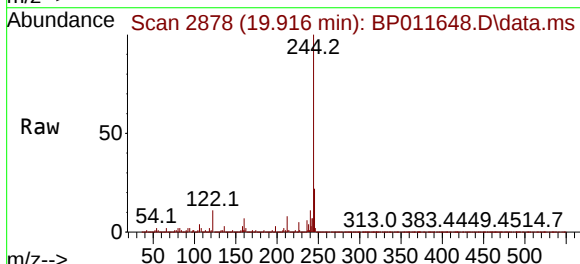
Instrument :
BNA_P
ClientSampleId :
SB-10-COMP

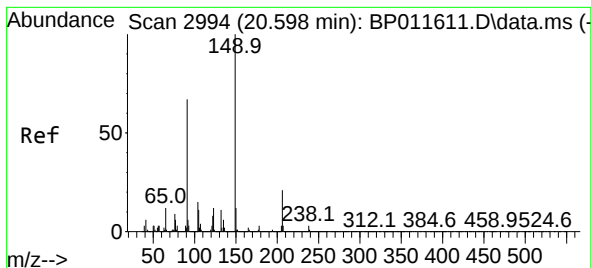
Tgt Ion:240 Resp: 2885401
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 26.2 19.8 29.6



#79
Terphenyl-d14
Concen: 75.805 ng
RT: 19.916 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP011648.D
Acq: 07 Sep 2022 15:12

Tgt Ion:244 Resp:10443061
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 11.3 7.6 11.4





#80

Butylbenzylphthalate

Concen: 3.765 ng

RT: 20.592 min Scan# 2993

Delta R.T. -0.006 min

Lab File: BP011648.D

Acq: 07 Sep 2022 15:12

Instrument :

BNA_P

ClientSampleId :

SB-10-COMP

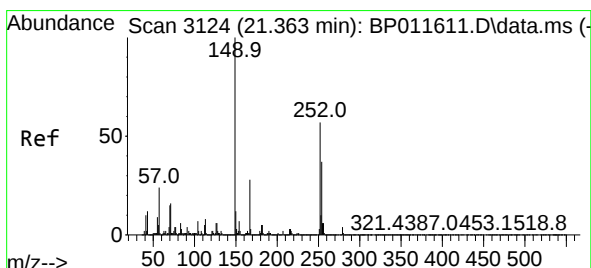
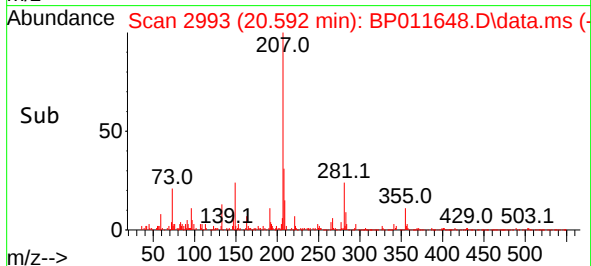
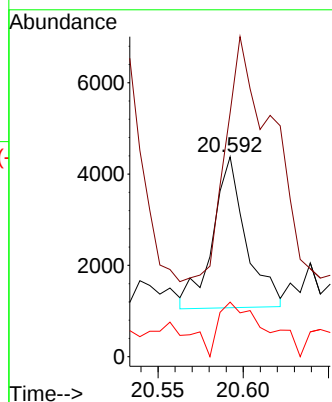
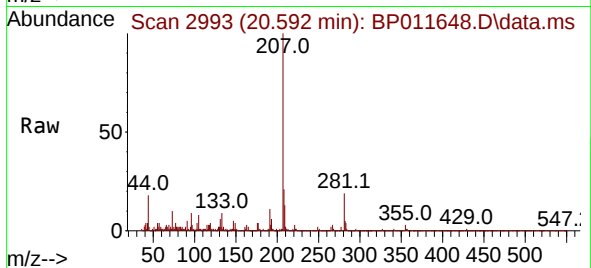
Tgt Ion:149 Resp: 4481

Ion Ratio Lower Upper

149 100

91 122.0 62.5 93.7#

206 27.3 17.0 25.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.042 ng

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP011648.D

Acq: 07 Sep 2022 15:12

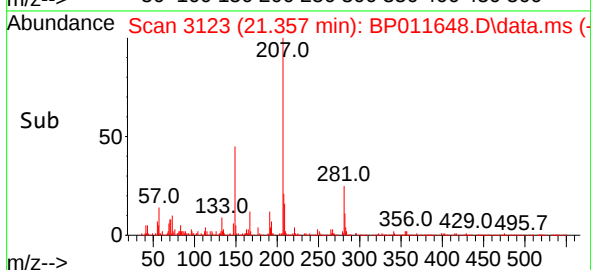
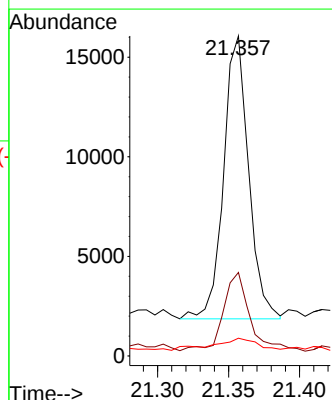
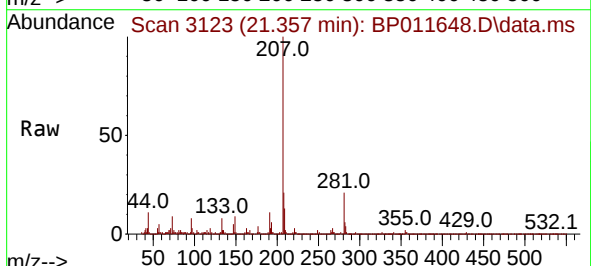
Tgt Ion:149 Resp: 17395

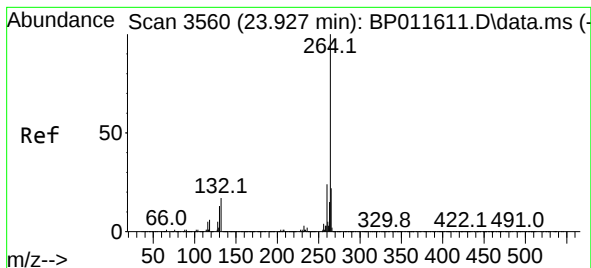
Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.8

279 5.6 3.7 5.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.916 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP011648.D

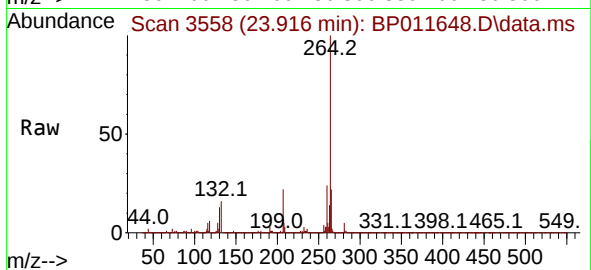
Acq: 07 Sep 2022 15:12

Instrument :

BNA_P

ClientSampleId :

SB-10-COMP



Tgt Ion:264 Resp: 2598480

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.7 18.0 27.0

