

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090622\
 Data File : BP011632.D
 Acq On : 06 Sep 2022 18:58
 Operator : CG/JU
 Sample : N4500-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-05-COMP

Quant Time: Sep 07 03:47:23 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)

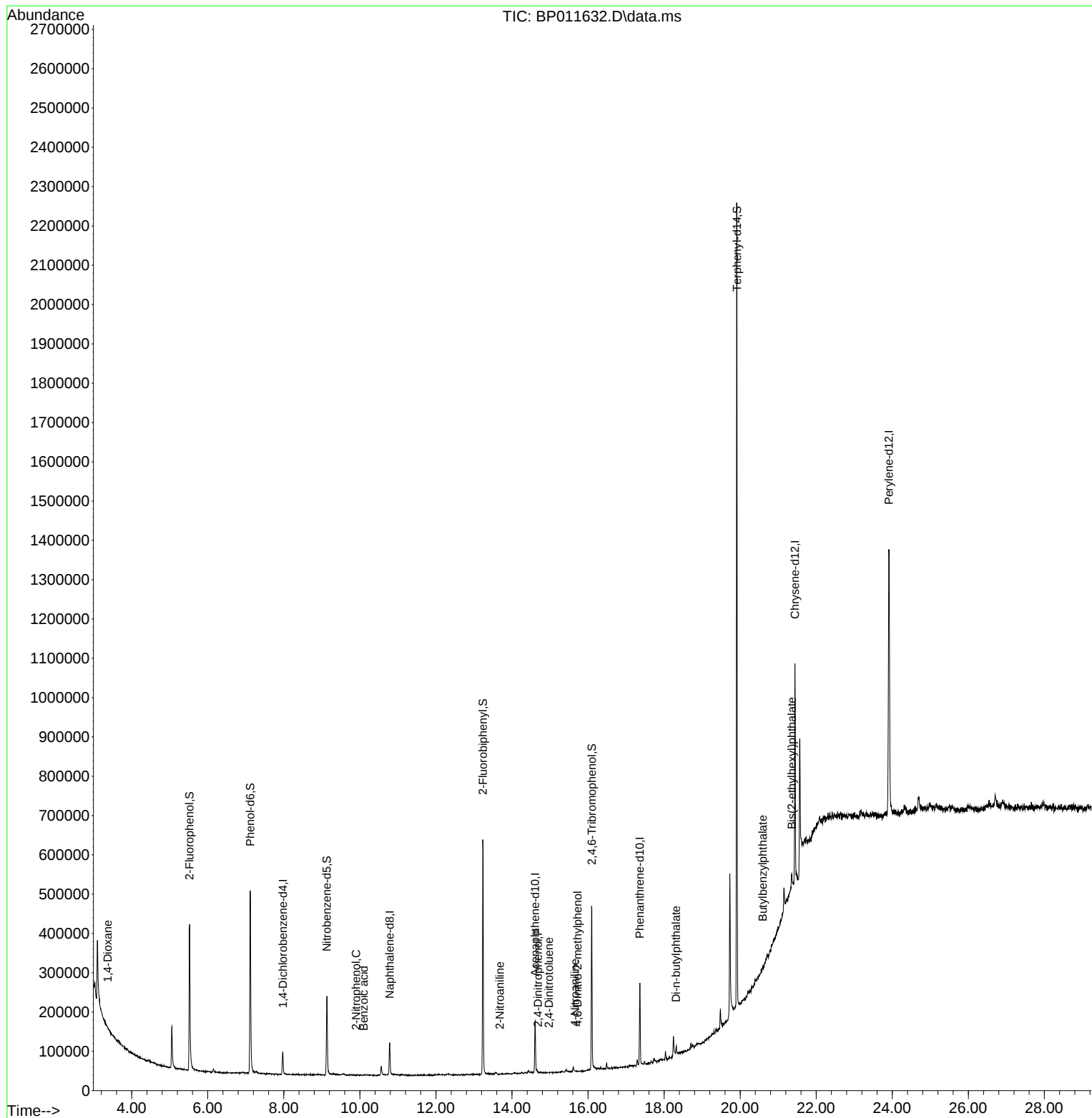
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	18403	20.000	ng	# 0.00
21) Naphthalene-d8	10.787	136	75494	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	46132	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	125784	20.000	ng	0.00
76) Chrysene-d12	21.439	240	266211	20.000	ng	-0.01
86) Perylene-d12	23.910	264	513872	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	212958	204.661	ng	0.00
7) Phenol-d6	7.116	99	310347	225.403	ng	-0.01
23) Nitrobenzene-d5	9.134	82	116246	94.519	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	79323	152.187	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	329712	102.204	ng	-0.01
79) Terphenyl-d14	19.916	244	959824	75.517	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	1240	3.028	ng	# 13
26) 2-Nitrophenol	9.904	139	17	4.917	ng	# 1
32) Benzoic acid	10.104	122	90	8.712	ng	# 1
48) 2-Nitroaniline	13.681	65	205	3.669	ng	# 52
54) 2,4-Dinitrophenol	14.681	184	30	6.555	ng	# 1
57) 2,4-Dinitrotoluene	14.969	165	113	3.756	ng	# 92
62) 4-Nitroaniline	15.651	138	22	2.670	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.722	198	23	7.924	ng	# 1
74) Di-n-butylphthalate	18.316	149	18700	2.693	ng	98
80) Butylbenzylphthalate	20.592	149	2482	4.035	ng	92
84) Bis(2-ethylhexyl)phtha...	21.357	149	13717	3.158	ng	97

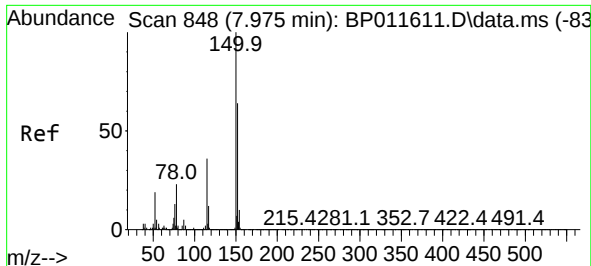
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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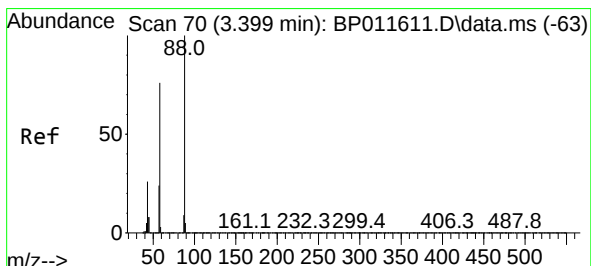
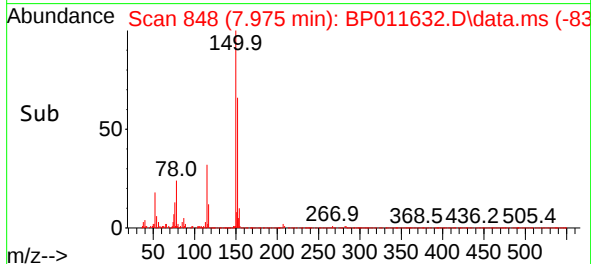
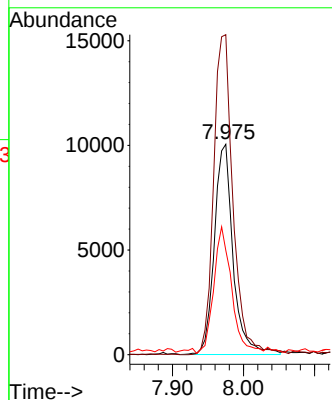
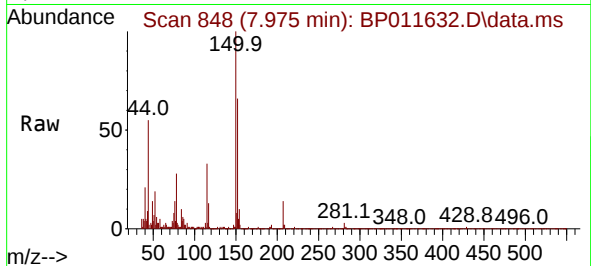




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BP011632.D
 Acq: 06 Sep 2022 18:58

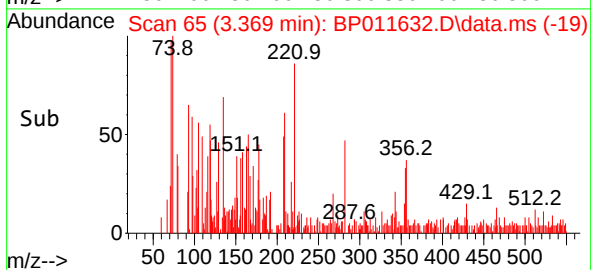
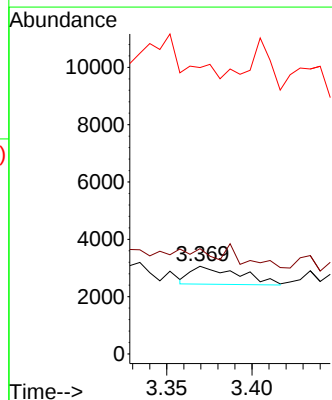
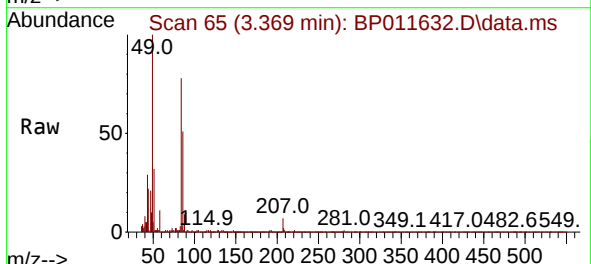
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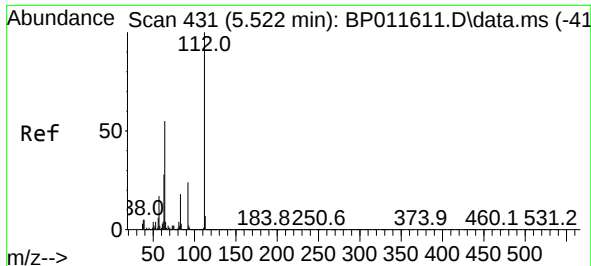
Tgt Ion:152 Resp: 18403
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.4 185.2
 115 49.6 51.3 76.9#



#2
 1,4-Dioxane
 Concen: 3.028 ng
 RT: 3.369 min Scan# 65
 Delta R.T. -0.030 min
 Lab File: BP011632.D
 Acq: 06 Sep 2022 18:58

Tgt Ion: 88 Resp: 1240
 Ion Ratio Lower Upper
 88 100
 58 0.0 74.5 111.7#
 43 0.0 31.5 47.3#

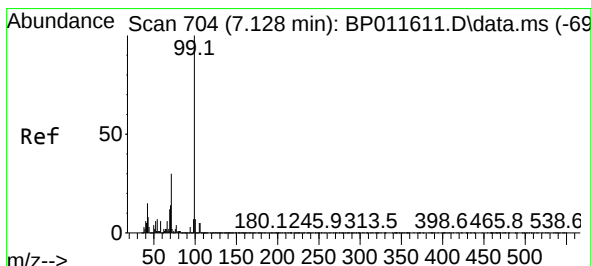
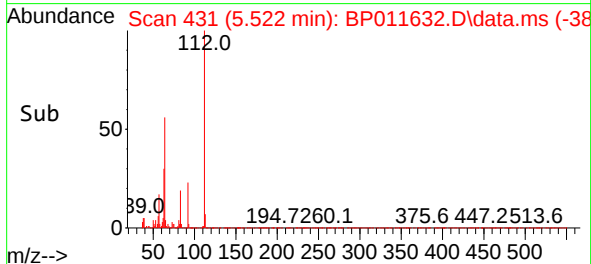
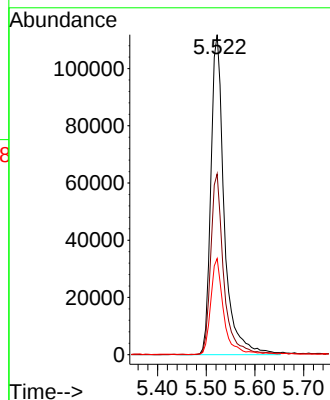
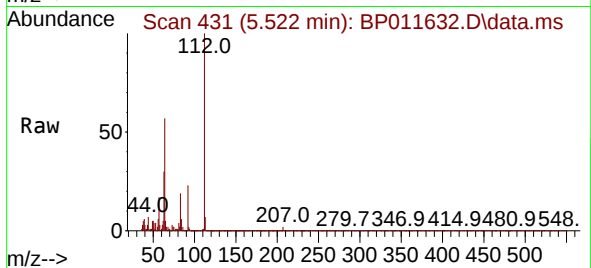




#5
2-Fluorophenol
Concen: 204.661 ng
RT: 5.522 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

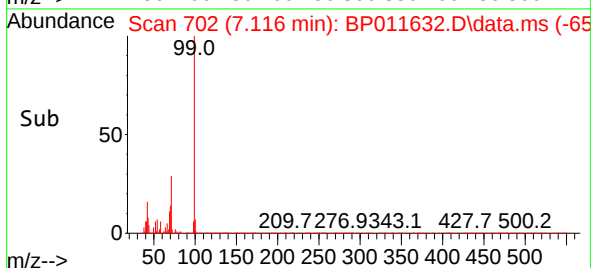
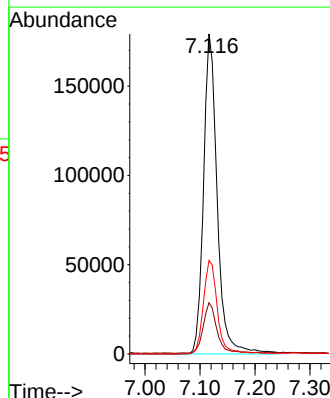
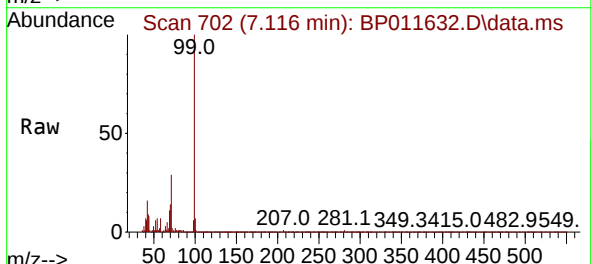
Instrument :
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ClientSampleId :
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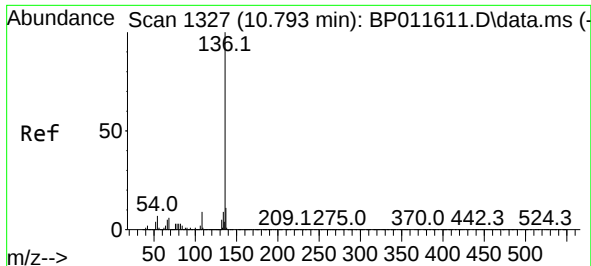
Tgt Ion:112 Resp: 212958
Ion Ratio Lower Upper
112 100
64 56.5 56.9 85.3#
63 30.1 31.2 46.8#



#7
Phenol-d6
Concen: 225.403 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.012 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

Tgt Ion: 99 Resp: 310347
Ion Ratio Lower Upper
99 100
42 16.0 20.3 30.5#
71 29.2 33.9 50.9#

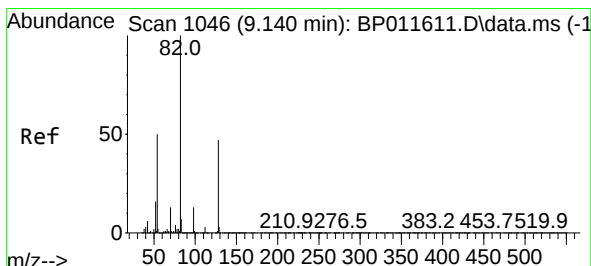
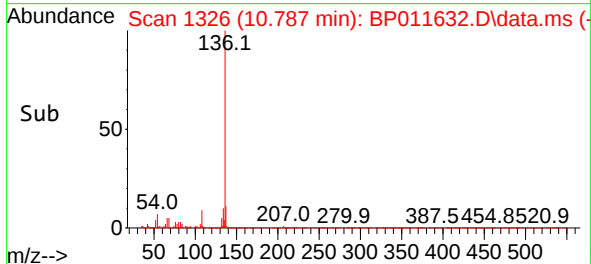
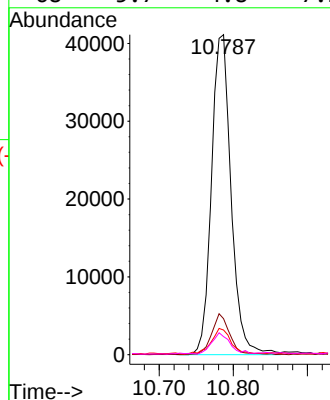
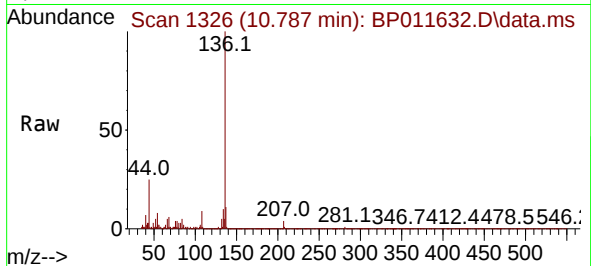




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

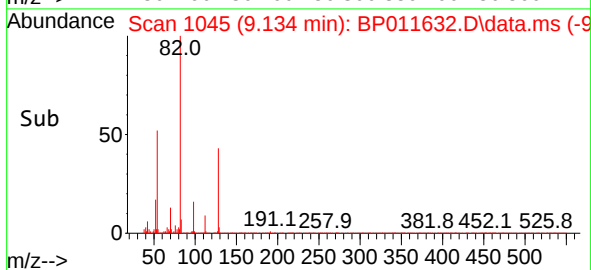
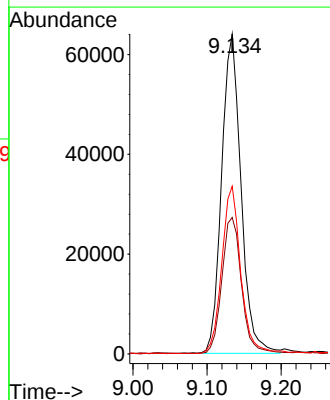
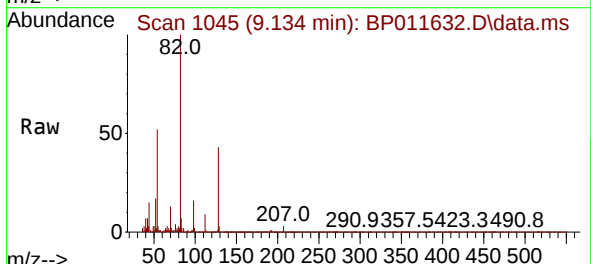
Instrument :
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ClientSampleId :
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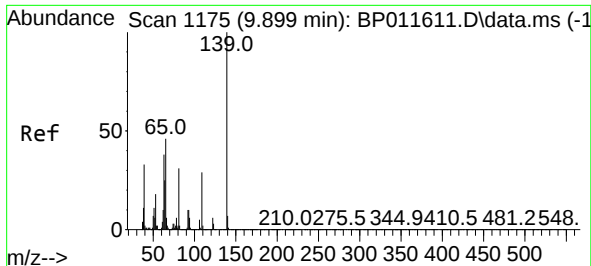
Tgt Ion:	136	Resp:	75494
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.7	8.7	13.1#
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 94.519 ng
RT: 9.134 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

Tgt Ion:	82	Resp:	116246
Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	52.4	49.8	74.8

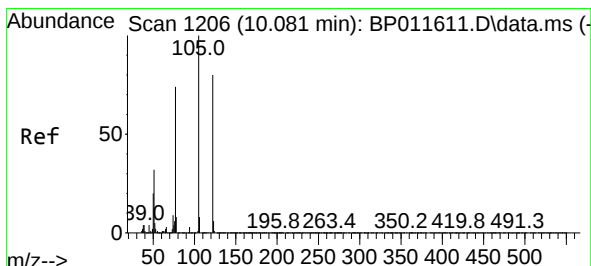
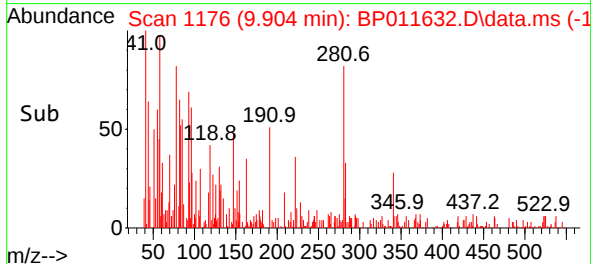
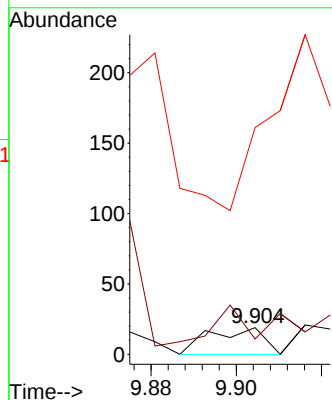
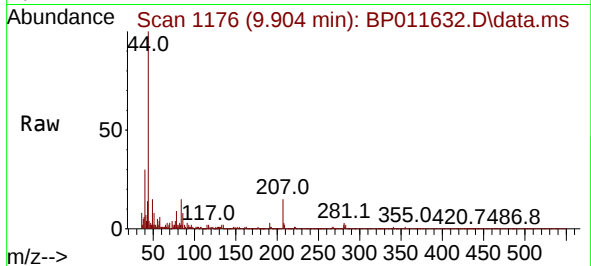




#26
2-Nitrophenol
Concen: 4.917 ng
RT: 9.904 min Scan# 1175
Delta R.T. 0.005 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

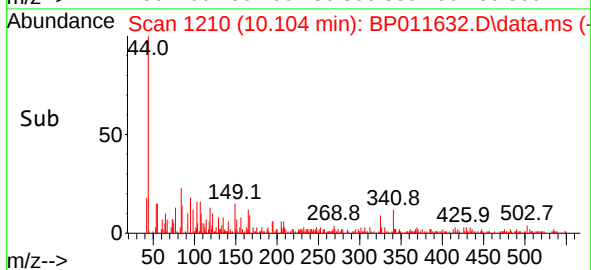
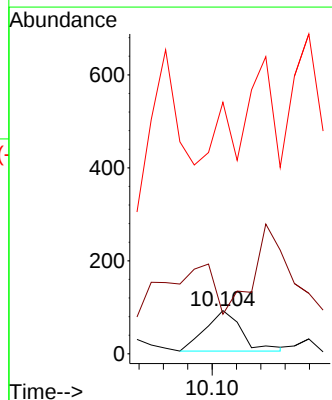
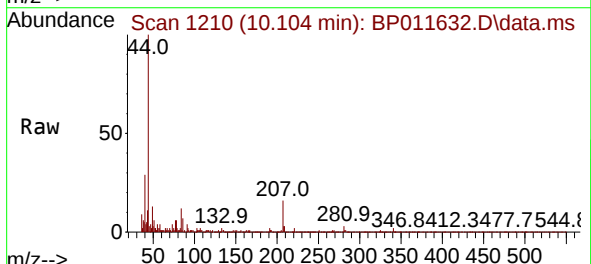
Instrument :
BNA_P
ClientSampleId :
SB-05-COMP

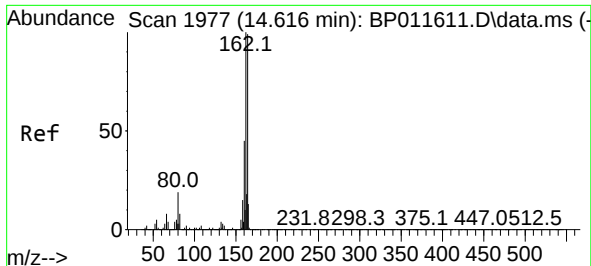
Tgt Ion:	139	Resp:	17
Ion	Ratio	Lower	Upper
139	100		
109	57.9	30.2	45.4#
65	847.4	52.2	78.2#



#32
Benzoic acid
Concen: 8.712 ng
RT: 10.104 min Scan# 1210
Delta R.T. 0.023 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

Tgt Ion:	122	Resp:	90
Ion	Ratio	Lower	Upper
122	100		
105	91.4	112.6	152.6#
77	581.7	90.2	130.2#

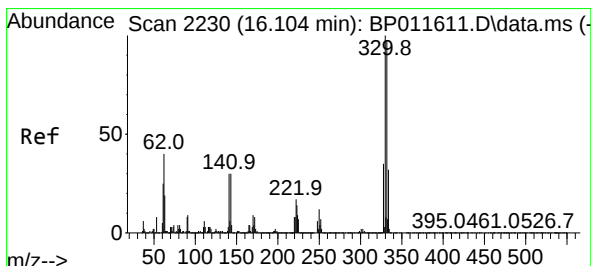
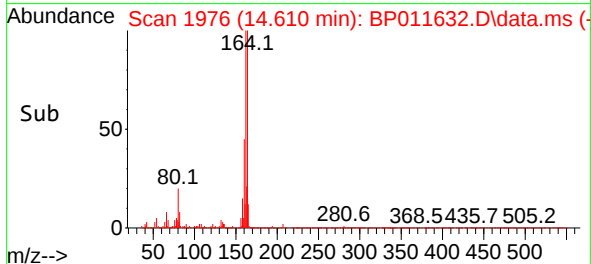
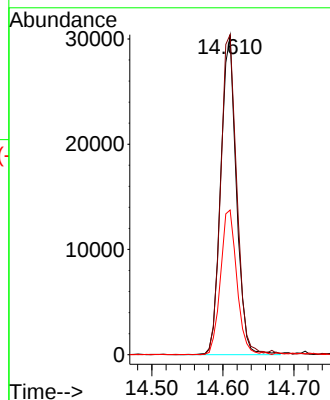
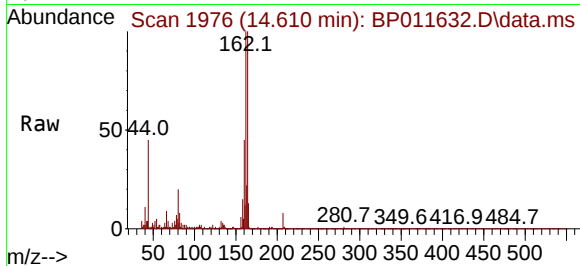




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

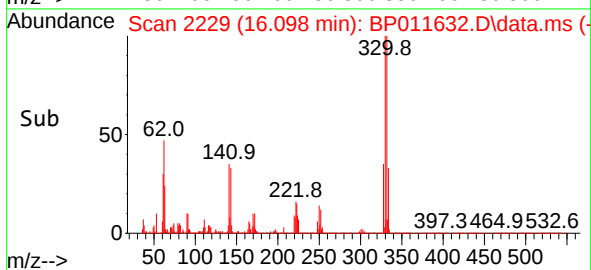
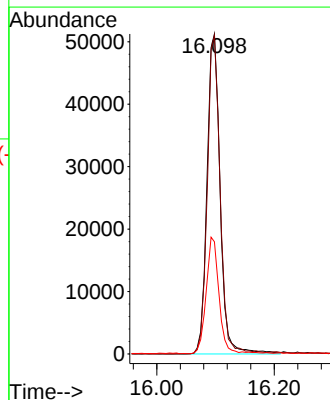
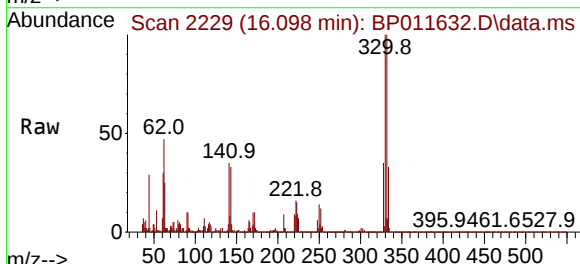
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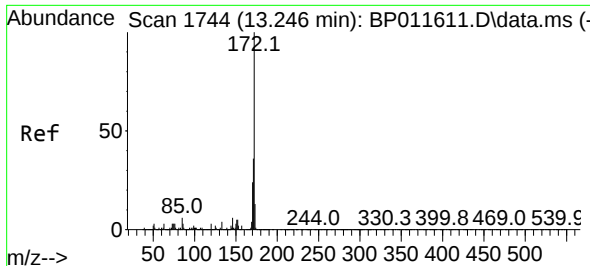
Tgt Ion:164 Resp: 46132
Ion Ratio Lower Upper
164 100
162 100.4 81.9 122.9
160 45.4 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 152.187 ng
RT: 16.098 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

Tgt Ion:330 Resp: 79323
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 35.8 31.4 47.2

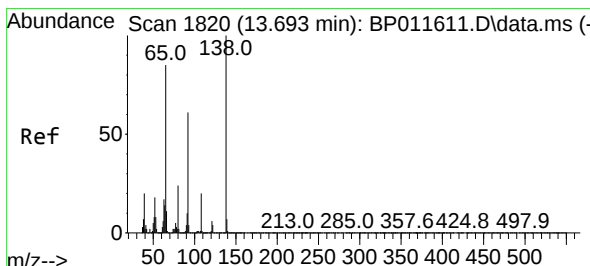
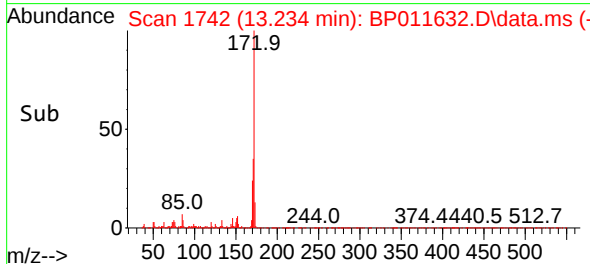
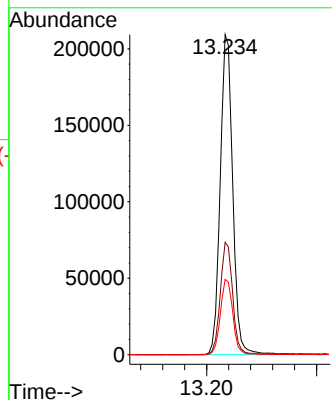
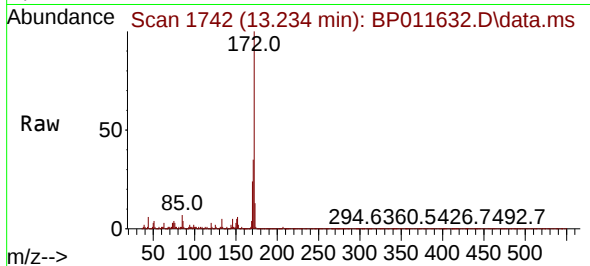




#45
2-Fluorobiphenyl
Concen: 102.204 ng
RT: 13.234 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

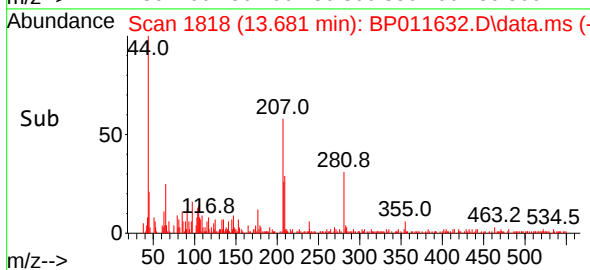
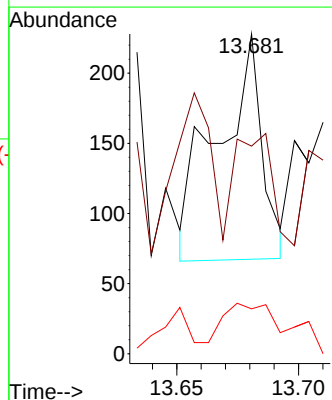
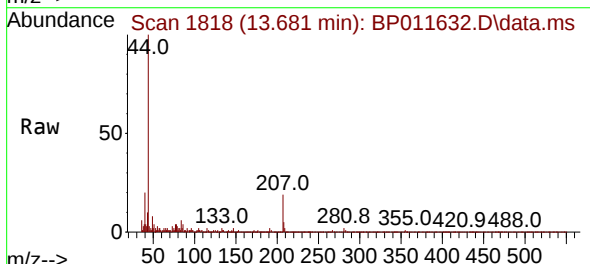
Instrument :
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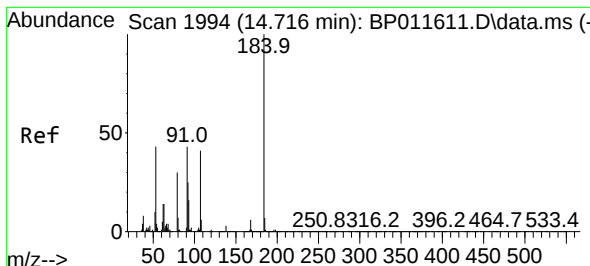
Tgt Ion:172	Resp:	329712	
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.5	18.2	27.2



#48
2-Nitroaniline
Concen: 3.669 ng
RT: 13.681 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BP011632.D
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Tgt Ion: 65	Resp: 205
Ion Ratio	Lower Upper
65 100	
92 64.9	50.0 75.0
138 14.0	71.2 106.8#

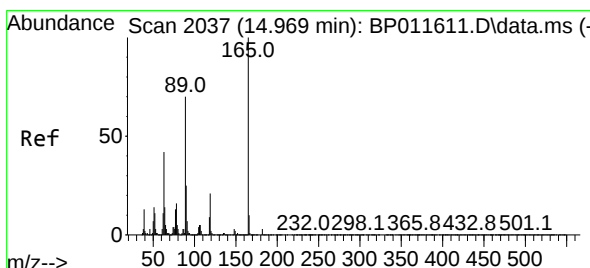
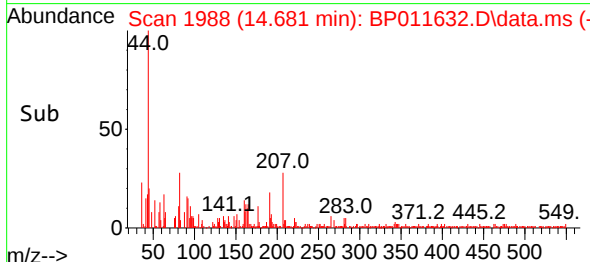
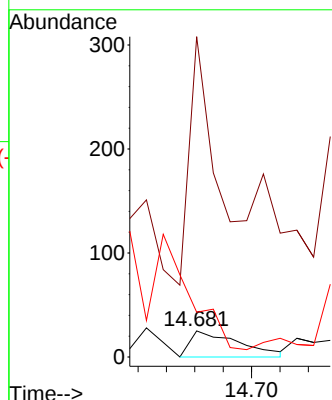
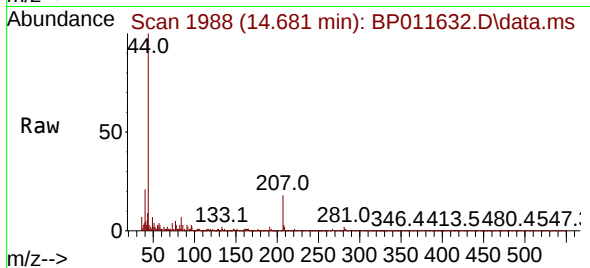




#54
2,4-Dinitrophenol
Concen: 6.555 ng
RT: 14.681 min Scan# 1994
Delta R.T. -0.035 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

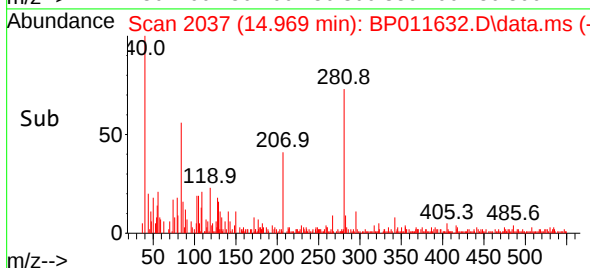
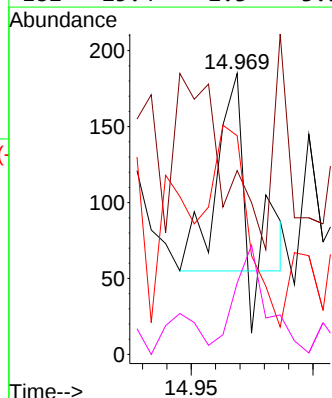
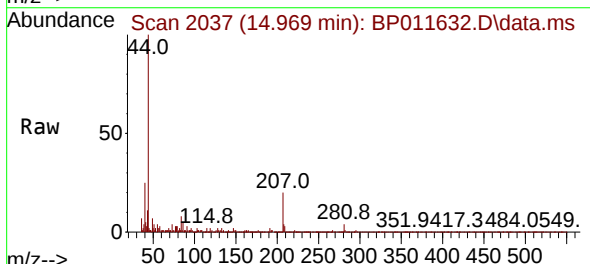
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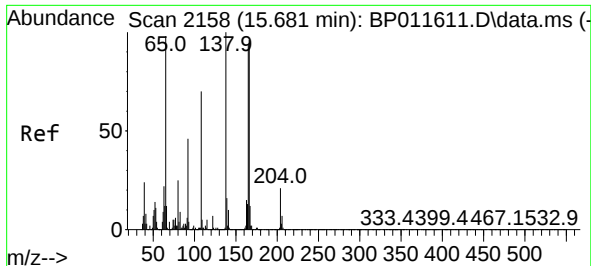
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 1232.0 65.4 98.2#
154 172.0 55.4 83.2#



#57
2,4-Dinitrotoluene
Concen: 3.756 ng
RT: 14.969 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

Tgt Ion:165 Resp: 113
Ion Ratio Lower Upper
165 100
63 65.4 46.2 69.2
89 77.8 65.8 98.8
182 25.4 2.3 3.5#

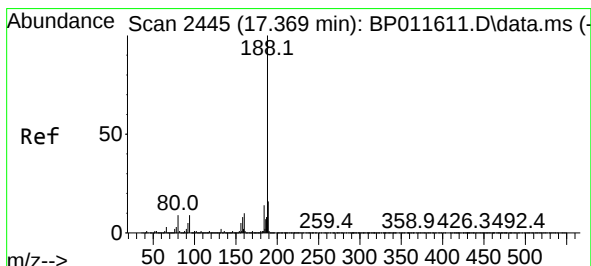
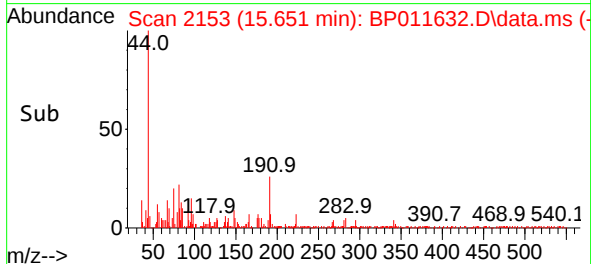
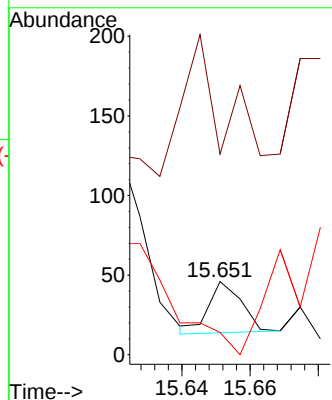
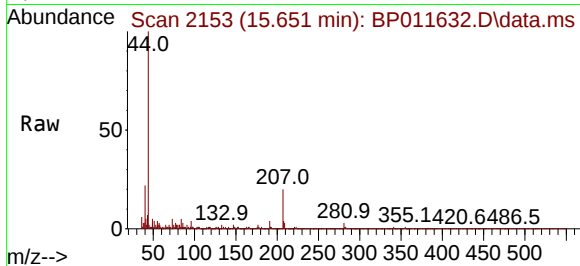




#62
4-Nitroaniline
Concen: 2.670 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.030 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

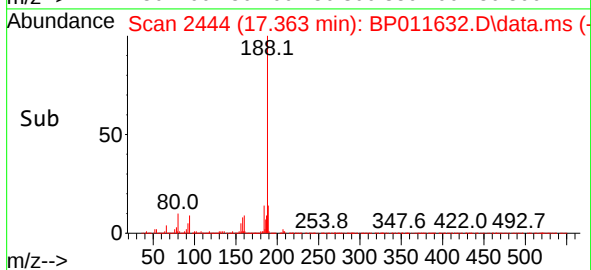
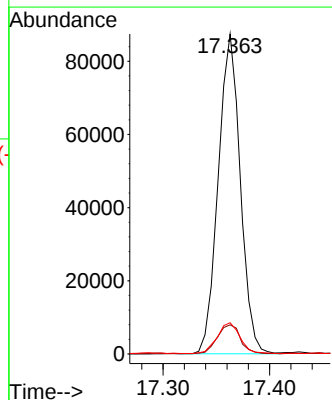
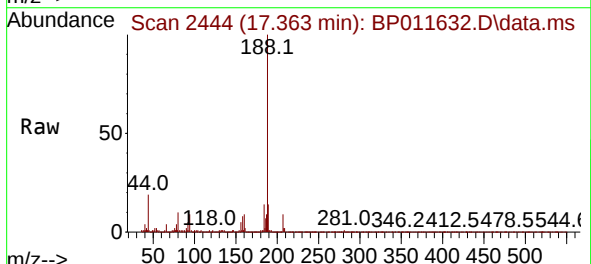
Instrument :
BNA_P
ClientSampleId :
SB-05-COMP

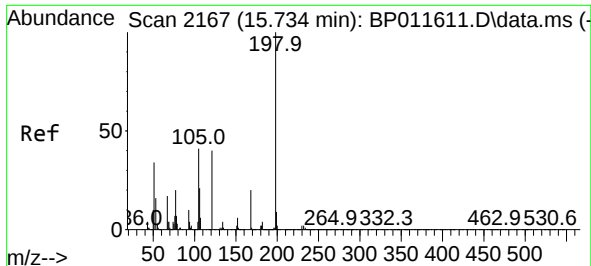
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
92 273.9 38.0 78.0#
108 65.2 77.6 117.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

Tgt Ion:188 Resp: 125784
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.8 8.0 12.0

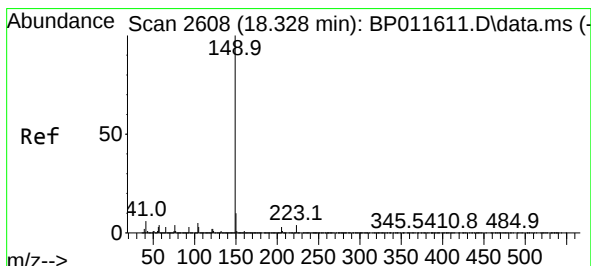
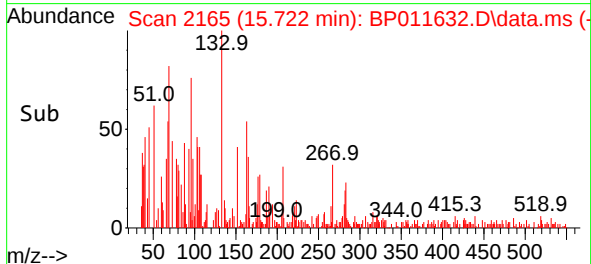
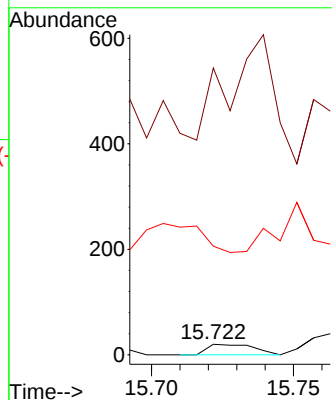
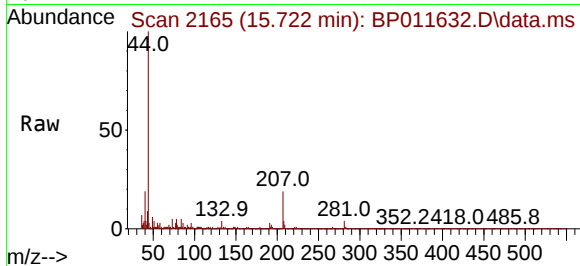




#65
4,6-Dinitro-2-methylphenol
Concen: 7.924 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.012 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

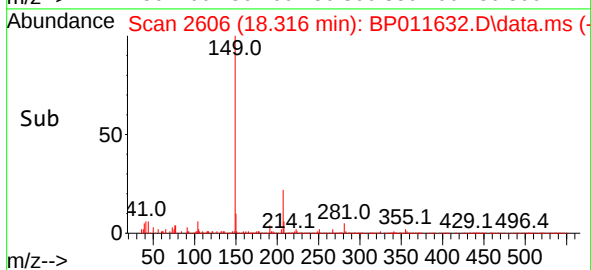
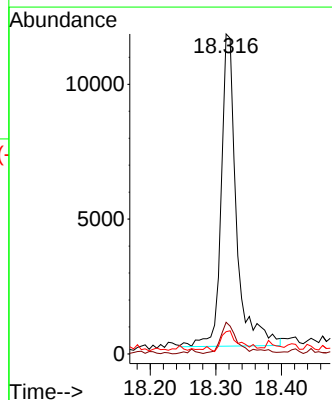
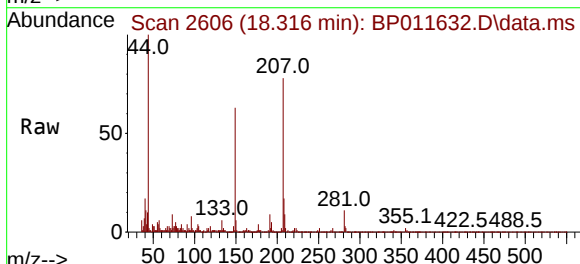
Instrument :
BNA_P
ClientSampleId :
SB-05-COMP

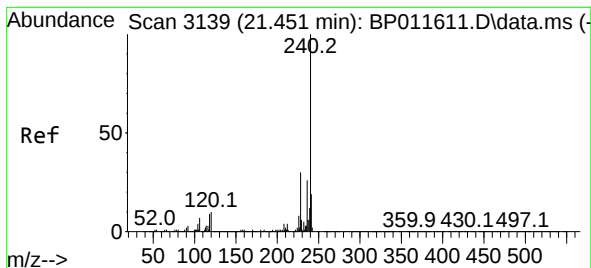
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 2720.0 41.2 81.2#
105 1030.0 25.3 65.3#



#74
Di-n-butylphthalate
Concen: 2.693 ng
RT: 18.316 min Scan# 2606
Delta R.T. -0.012 min
Lab File: BP011632.D
Acq: 06 Sep 2022 18:58

Tgt Ion:149 Resp: 18700
Ion Ratio Lower Upper
149 100
150 9.9 7.5 11.3
104 7.0 4.8 7.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3139

Delta R.T. -0.012 min

Lab File: BP011632.D

Acq: 06 Sep 2022 18:58

Instrument :

BNA_P

ClientSampleId :

SB-05-COMP

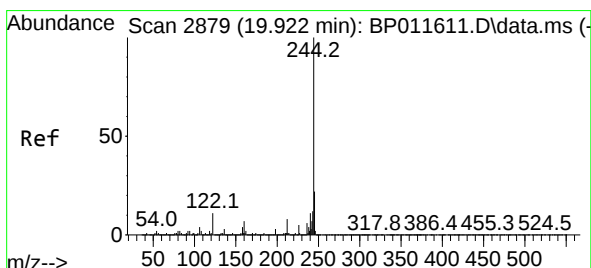
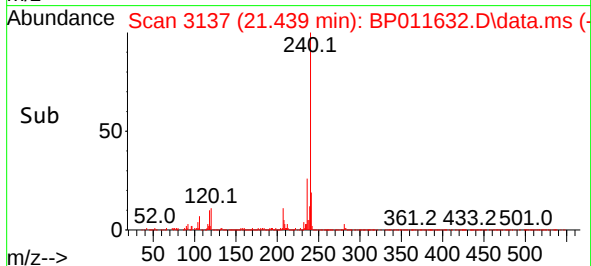
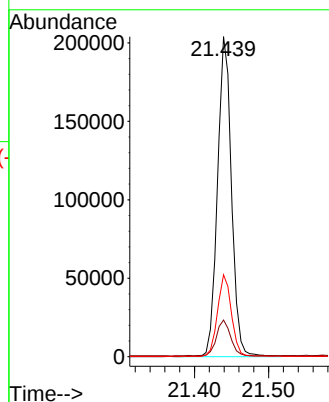
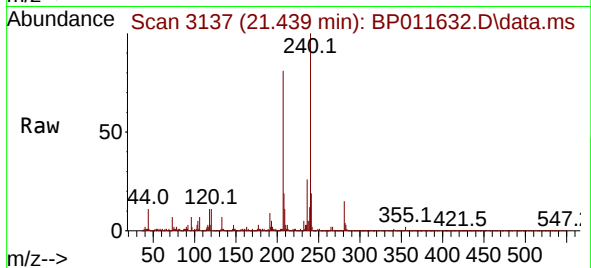
Tgt Ion:240 Resp: 266211

Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.6 19.8 29.6



#79

Terphenyl-d14

Concen: 75.517 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP011632.D

Acq: 06 Sep 2022 18:58

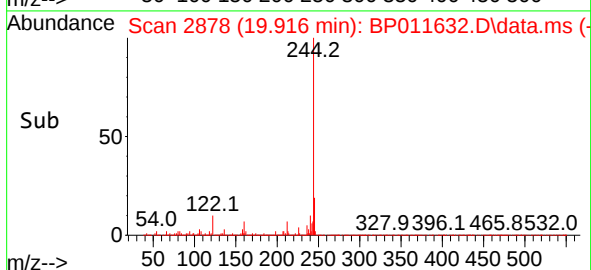
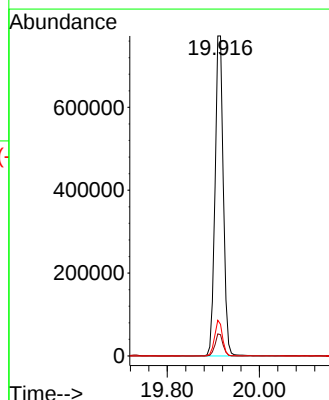
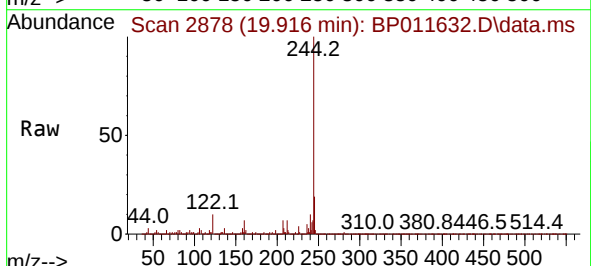
Tgt Ion:244 Resp: 959824

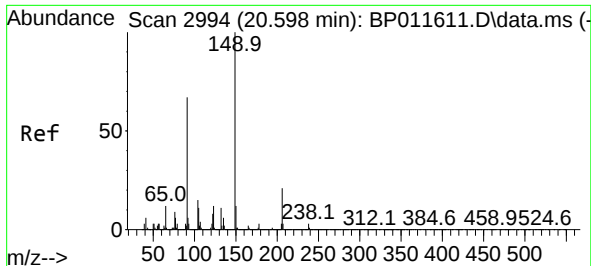
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 9.9 7.6 11.4

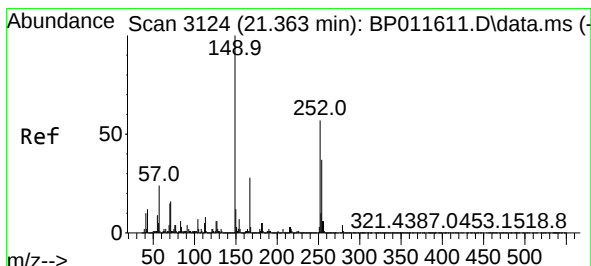
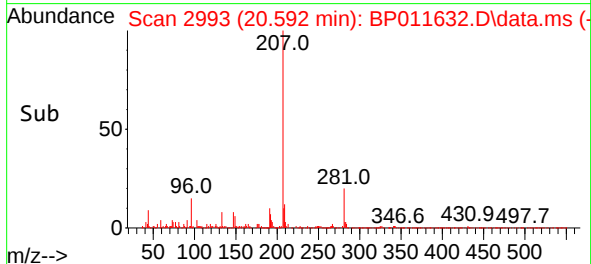
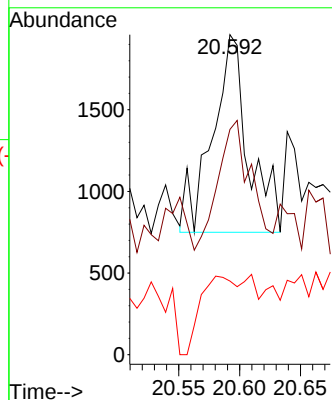
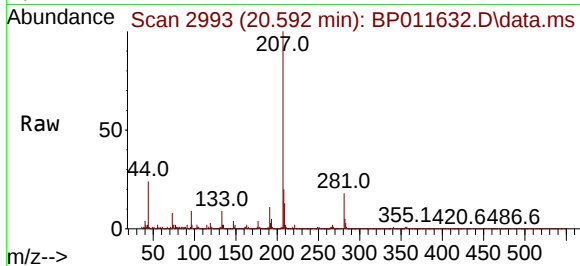




#80
 Butylbenzylphthalate
 Concen: 4.035 ng
 RT: 20.592 min Scan# 2994
 Delta R.T. -0.006 min
 Lab File: BP011632.D
 Acq: 06 Sep 2022 18:58

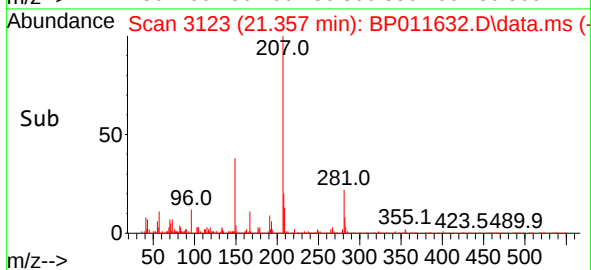
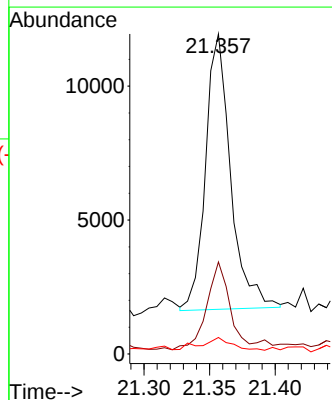
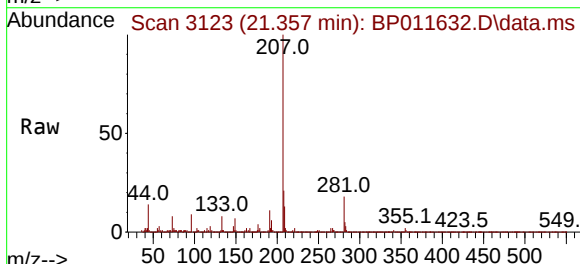
Instrument :
 BNA_P
 ClientSampleId :
 SB-05-COMP

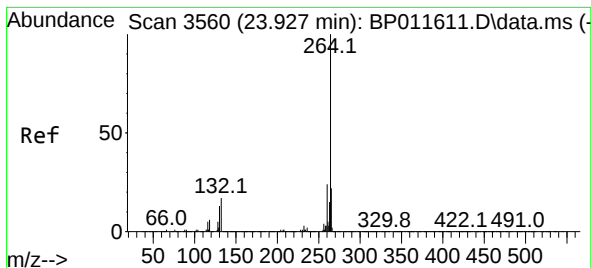
Tgt Ion:149 Resp: 2482
 Ion Ratio Lower Upper
 149 100
 91 70.4 62.5 93.7
 206 23.0 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.158 ng
 RT: 21.357 min Scan# 3123
 Delta R.T. -0.006 min
 Lab File: BP011632.D
 Acq: 06 Sep 2022 18:58

Tgt Ion:149 Resp: 13717
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.8 32.8
 279 5.2 3.7 5.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.910 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP011632.D

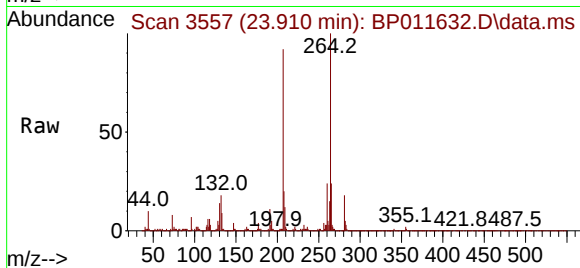
Acq: 06 Sep 2022 18:58

Instrument :

BNA_P

ClientSampleId :

SB-05-COMP



Tgt Ion:264 Resp: 513872

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 23.5 18.0 27.0

