

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
 Data File : BP011585.D
 Acq On : 26 Aug 2022 18:38
 Operator : CG/JU
 Sample : N4354-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-27

Quant Time: Aug 27 01:17:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 27 00:36:07 2022
 Response via : Initial Calibration

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

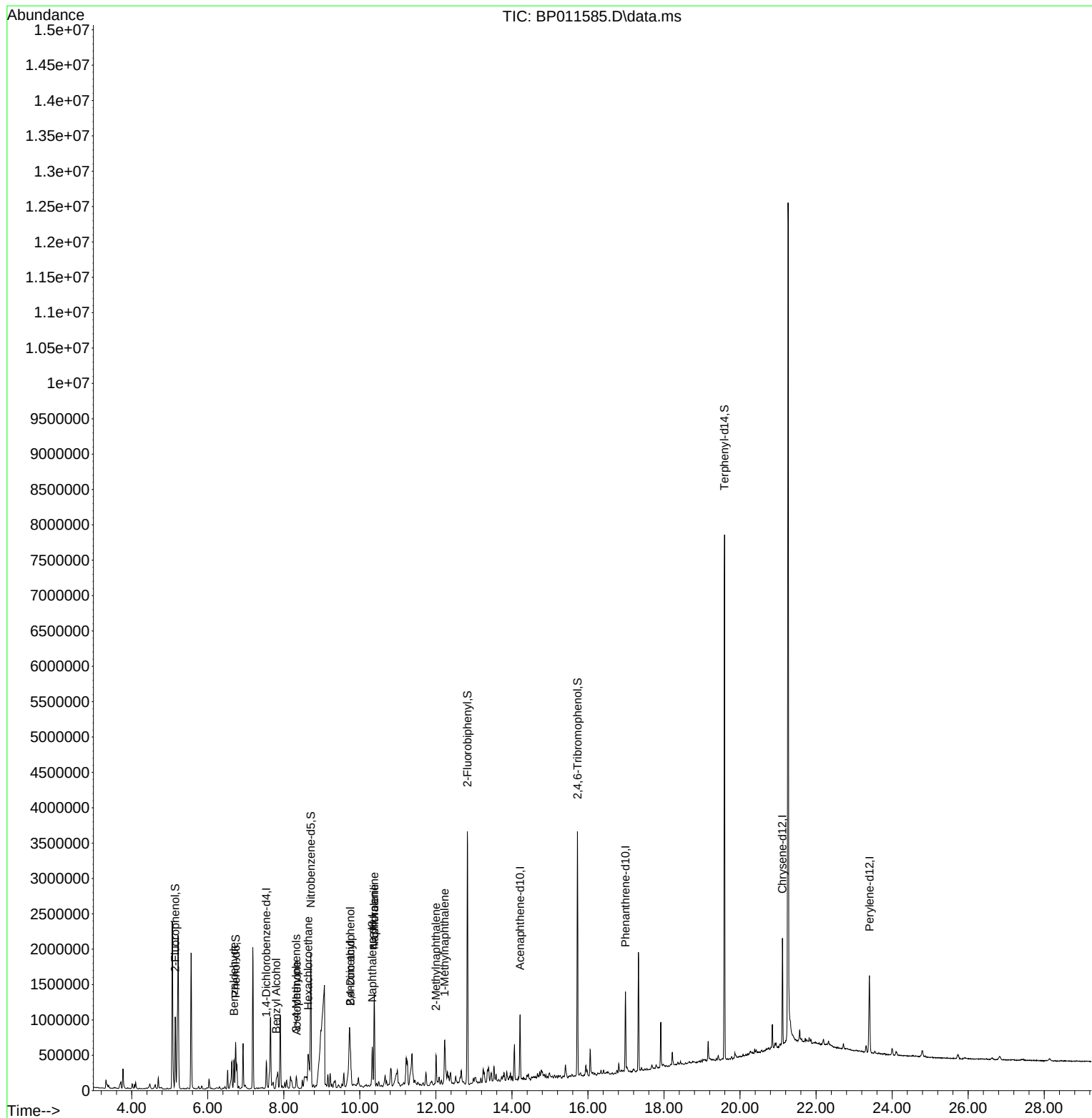
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	87167	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	401725	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	267200	20.000	ng	0.00
64) Phenanthrene-d10	16.986	188	575161	20.000	ng	0.00
76) Chrysene-d12	21.116	240	629894	20.000	ng	0.00
86) Perylene-d12	23.404	264	722096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	370591	69.723	ng	0.00
7) Phenol-d6	6.734	99	315904	44.553	ng	0.00
23) Nitrobenzene-d5	8.710	82	726478	84.552	ng	0.00
42) 2,4,6-Tribromophenol	15.728	330	549120	160.454	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	1556438	87.612	ng	0.00
79) Terphenyl-d14	19.592	244	2939690	90.593	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.693	77	30900	7.091	ng	# 1
15) Benzyl Alcohol	7.805	79	48282	8.424	ng	93
18) Hexachloroethane	8.640	117	37951	13.863	ng	# 1
20) 3+4-Methylphenols	8.328	107	52825	7.281	ng	93
22) Acetophenone	8.340	105	36877	3.372	ng	# 65
27) 2,4-Dimethylphenol	9.752	122	314506	58.865	ng	# 1
31) Naphthalene	10.381	128	918486	41.428	ng	99
32) Benzoic acid	9.752	122	316369	65.366	ng	98
33) 4-Chloroaniline	10.381	127	123940	13.451	ng	# 35
37) 2-Methylnaphthalene	12.004	142	163384	10.607	ng	97
38) 1-Methylnaphthalene	12.228	142	221414	14.565	ng	# 97

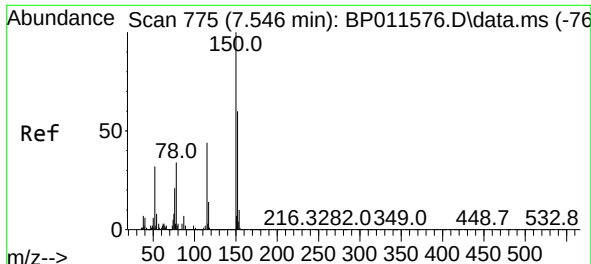
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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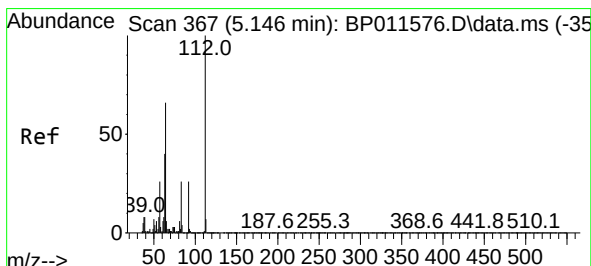
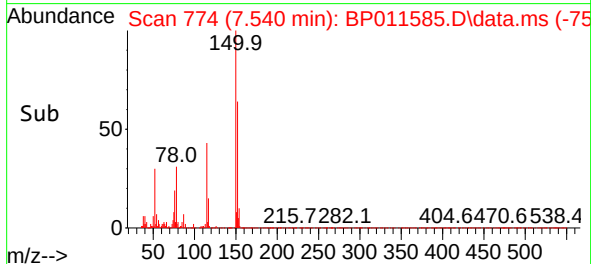
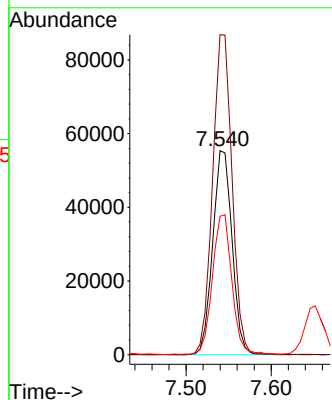
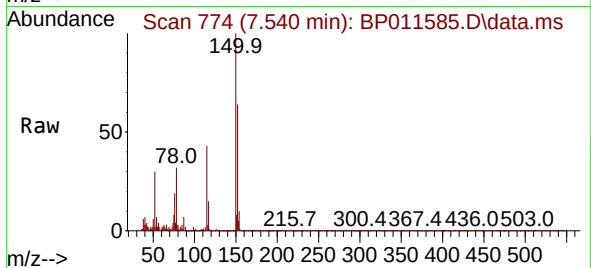




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.540 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP011585.D
 Acq: 26 Aug 2022 18:38

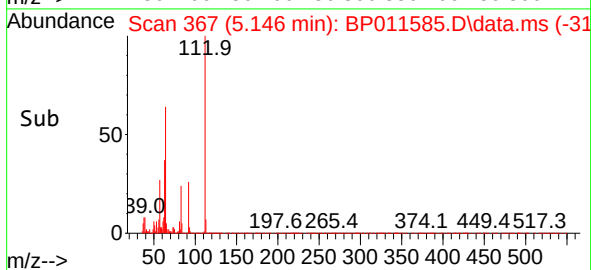
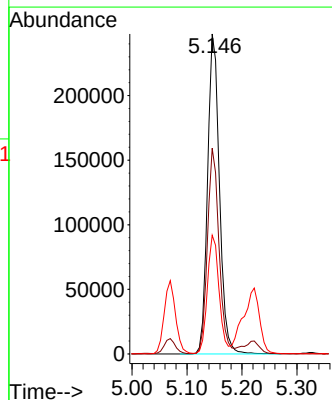
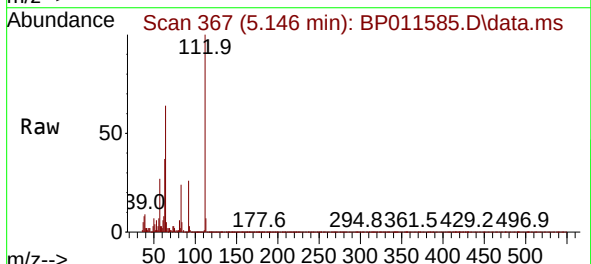
Instrument :
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 MW-27

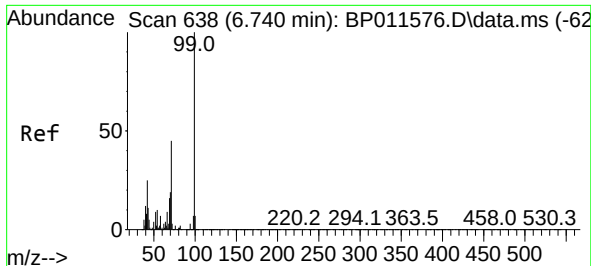
Tgt Ion:152 Resp: 87167
 Ion Ratio Lower Upper
 152 100
 150 156.8 123.4 185.2
 115 67.9 51.3 76.9



#5
 2-Fluorophenol
 Concen: 69.723 ng
 RT: 5.146 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BP011585.D
 Acq: 26 Aug 2022 18:38

Tgt Ion:112 Resp: 370591
 Ion Ratio Lower Upper
 112 100
 64 64.3 56.9 85.3
 63 37.1 31.2 46.8

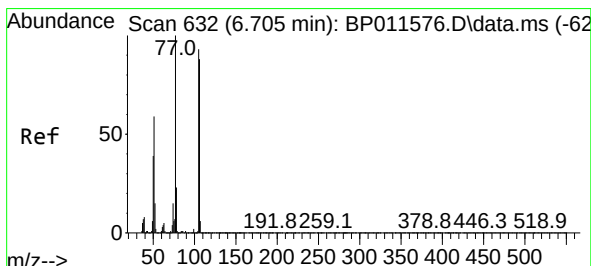
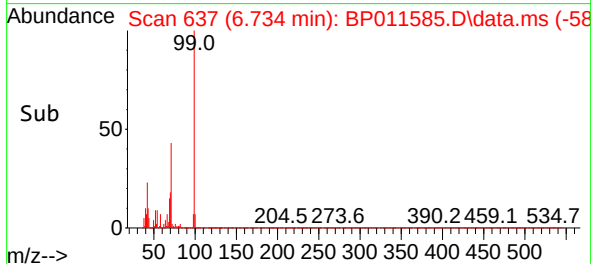
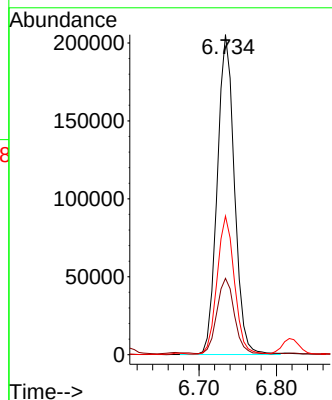
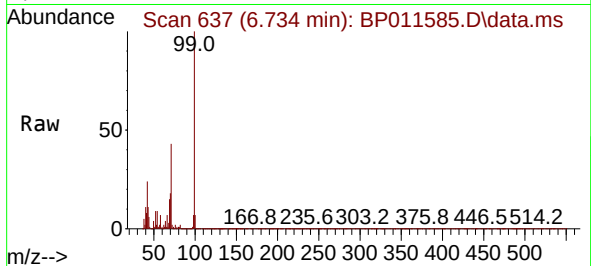




#7
Phenol-d6
Concen: 44.553 ng
RT: 6.734 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

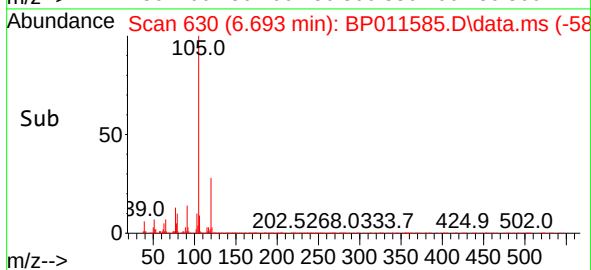
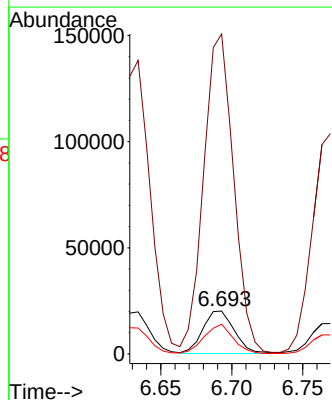
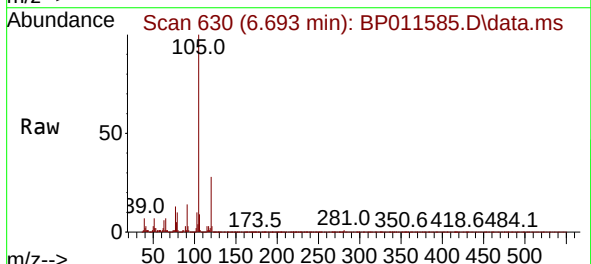
Instrument :
BNA_P
ClientSampleId :
MW-27

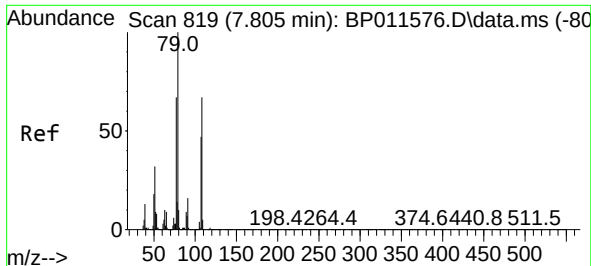
Tgt Ion: 99 Resp: 315904
Ion Ratio Lower Upper
99 100
42 23.9 20.3 30.5
71 43.3 33.9 50.9



#9
Benzaldehyde
Concen: 7.091 ng
RT: 6.693 min Scan# 630
Delta R.T. -0.012 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 77 Resp: 30900
Ion Ratio Lower Upper
77 100
105 745.3 71.4 111.4#
106 69.2 66.9 106.9

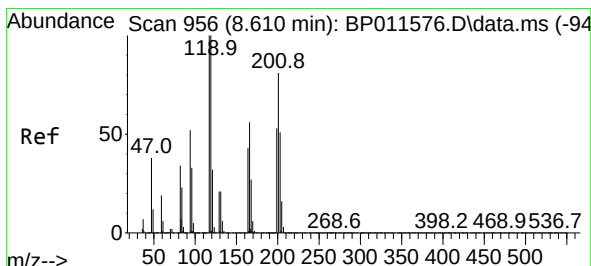
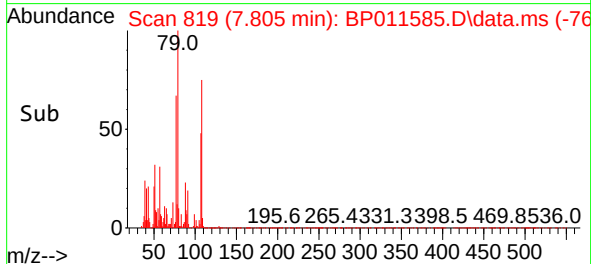
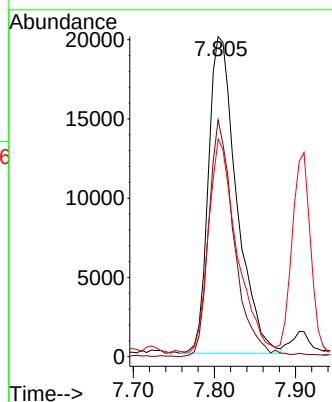
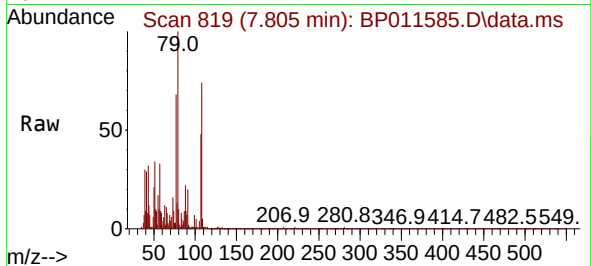




#15
Benzyl Alcohol
Concen: 8.424 ng
RT: 7.805 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

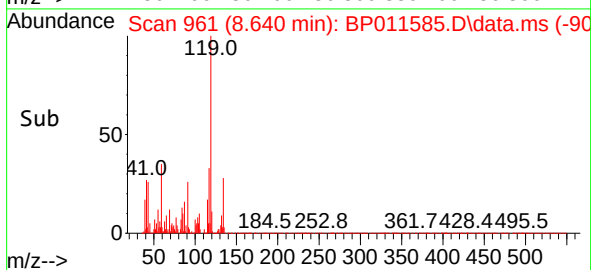
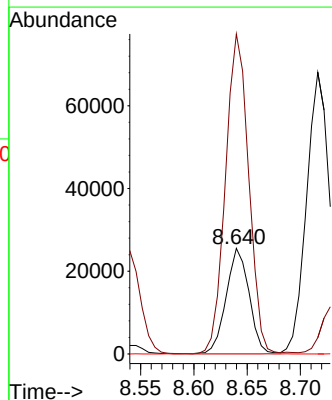
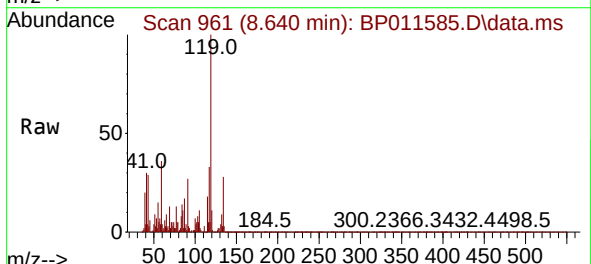
Instrument :
BNA_P
Client SampleId :
MW-27

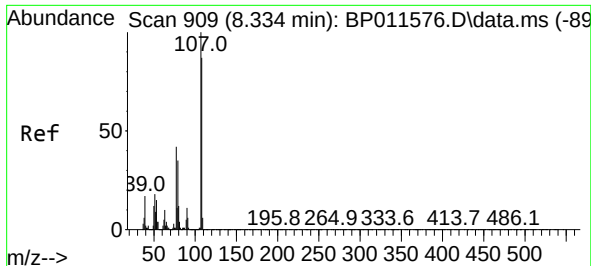
Tgt Ion: 79 Resp: 48282
Ion Ratio Lower Upper
79 100
108 74.0 53.4 80.0
77 68.0 51.5 77.3



#18
Hexachloroethane
Concen: 13.863 ng
RT: 8.640 min Scan# 961
Delta R.T. 0.029 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 117 Resp: 37951
Ion Ratio Lower Upper
117 100
119 303.1 75.6 113.4#
201 0.0 80.9 121.3#

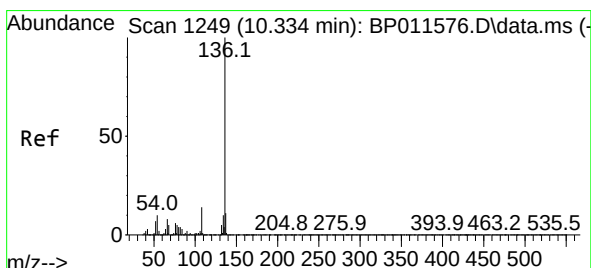
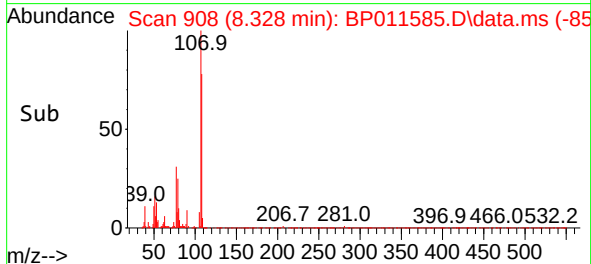
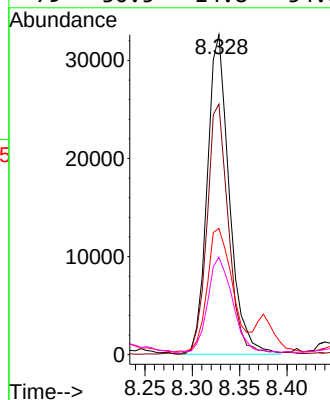
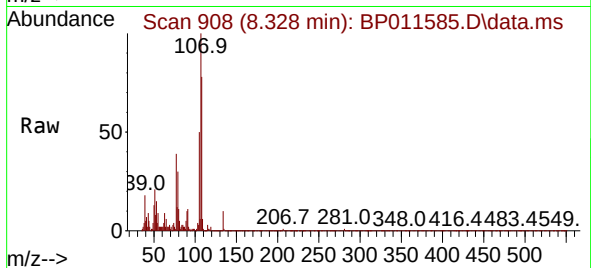




#20
3+4-Methylphenols
Concen: 7.281 ng
RT: 8.328 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

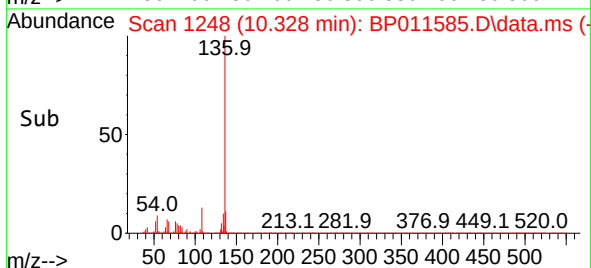
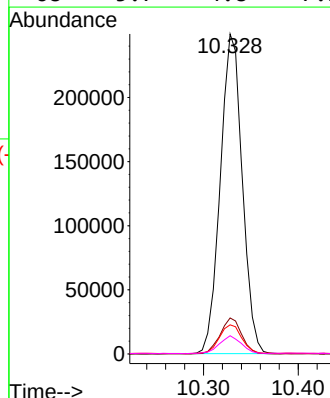
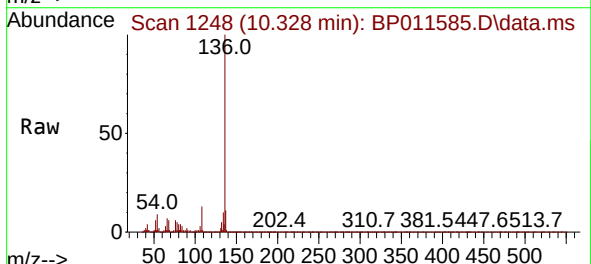
Instrument :
BNA_P
ClientSampleId :
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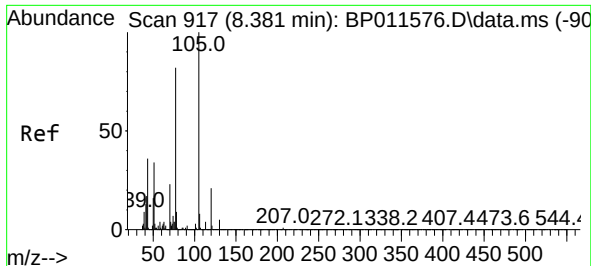
Tgt Ion:107	Resp:	52825
Ion	Ratio	Lower Upper
107	100	
108	78.3	67.1 107.1
77	39.4	19.2 59.2
79	30.5	14.8 54.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion:136	Resp:	401725
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.4
54	9.1	8.7 13.1
68	5.7	4.8 7.2

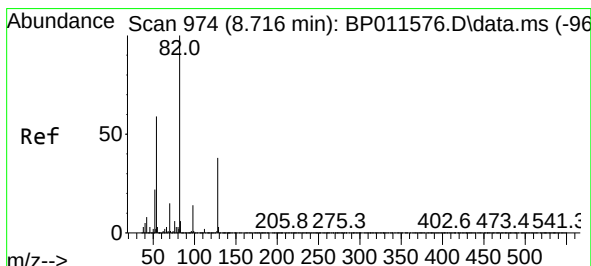
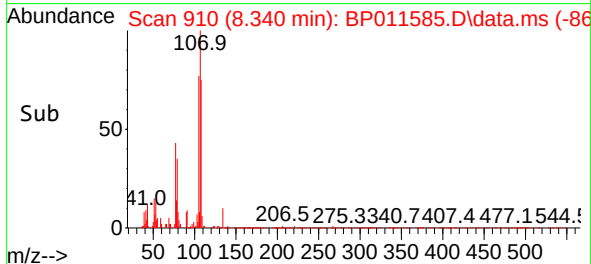
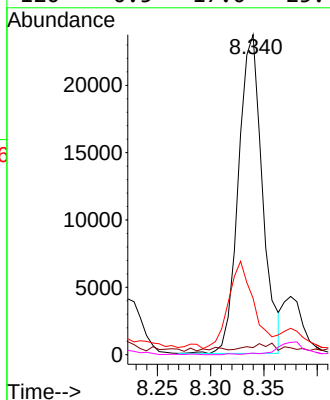
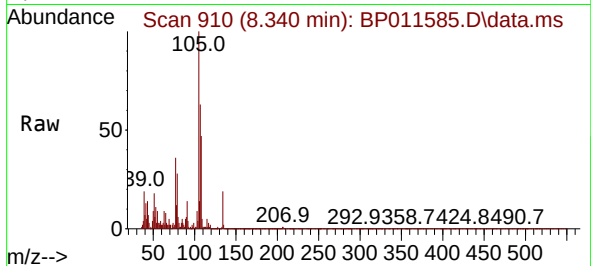




#22
Acetophenone
Concen: 3.372 ng
RT: 8.340 min Scan# 917
Delta R.T. -0.041 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

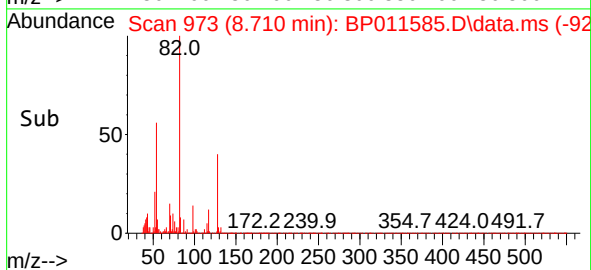
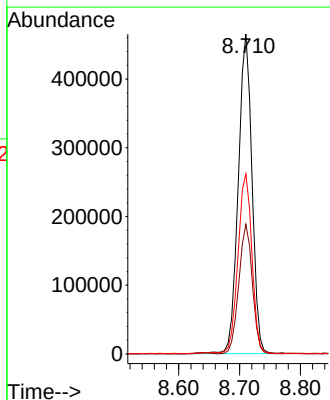
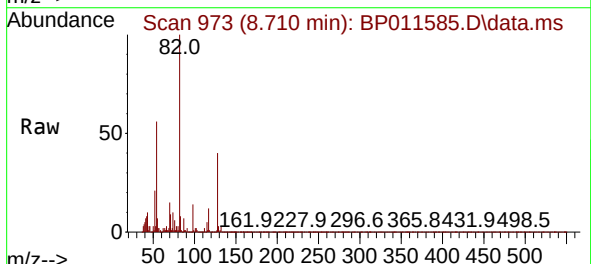
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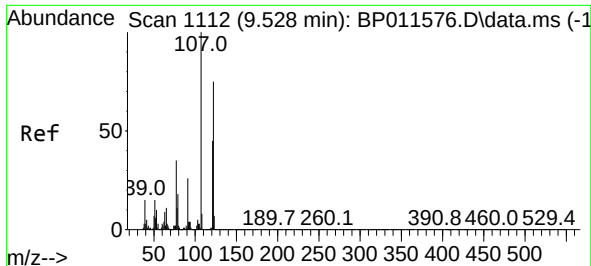
Tgt Ion:105 Resp: 36877
Ion Ratio Lower Upper
105 100
71 2.2 3.4 5.0#
51 17.6 29.5 44.3#
120 0.5 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 84.552 ng
RT: 8.710 min Scan# 973
Delta R.T. -0.006 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion: 82 Resp: 726478
Ion Ratio Lower Upper
82 100
128 40.5 31.3 46.9
54 56.2 49.8 74.8

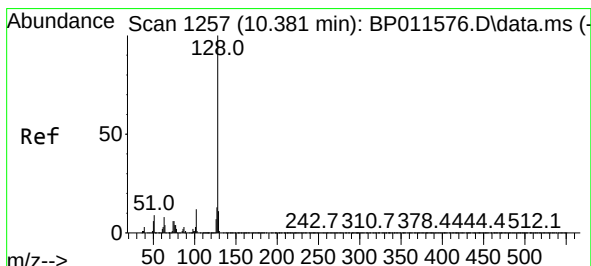
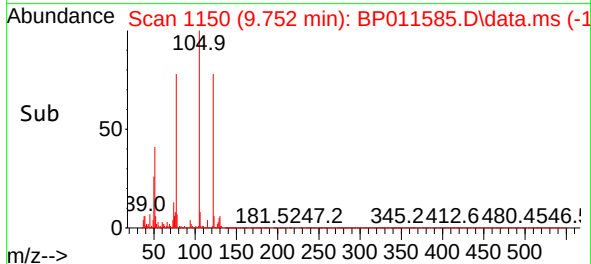
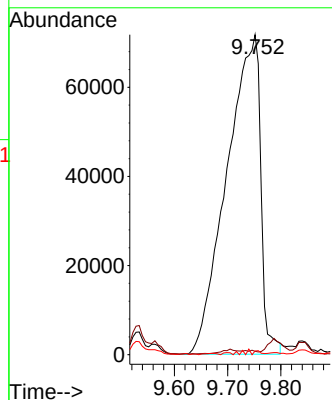
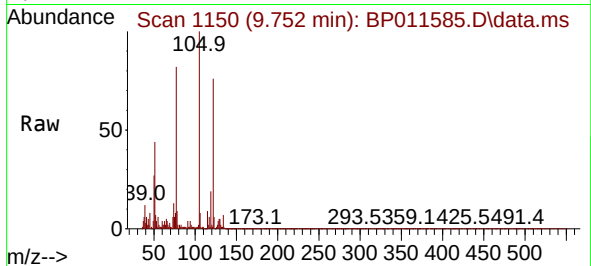




#27
2,4-Dimethylphenol
Concen: 58.865 ng
RT: 9.752 min Scan# 1112
Delta R.T. 0.224 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

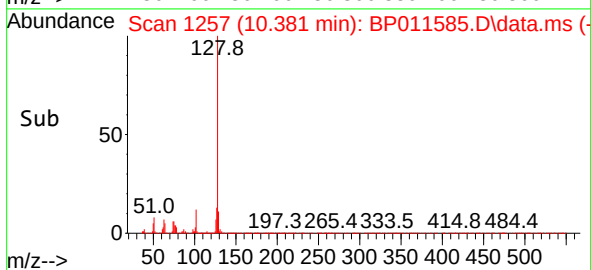
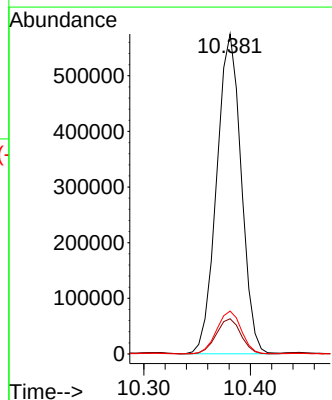
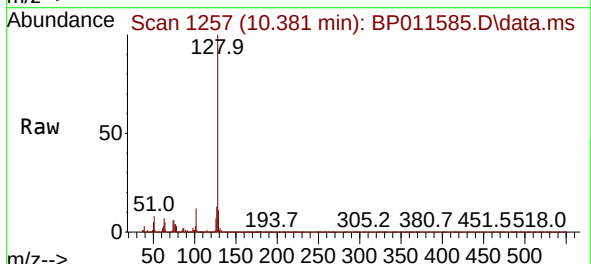
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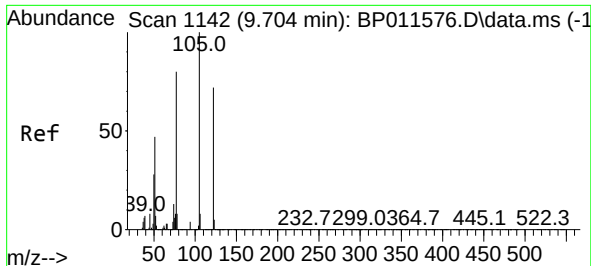
Tgt Ion:122 Resp: 314506
Ion Ratio Lower Upper
122 100
107 1.1 103.5 155.3#
121 1.1 47.5 71.3#



#31
Naphthalene
Concen: 41.428 ng
RT: 10.381 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion:128 Resp: 918486
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.3 15.5

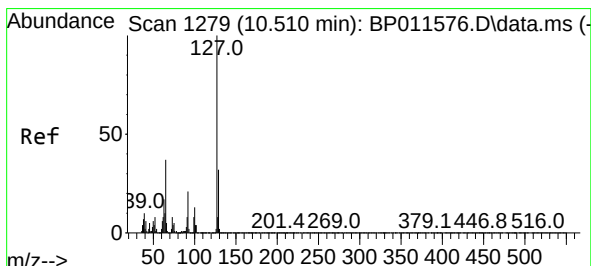
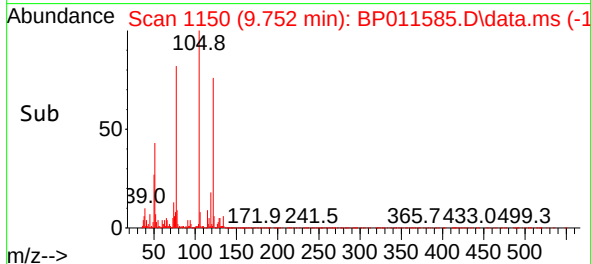
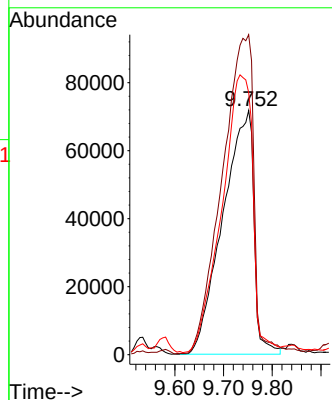
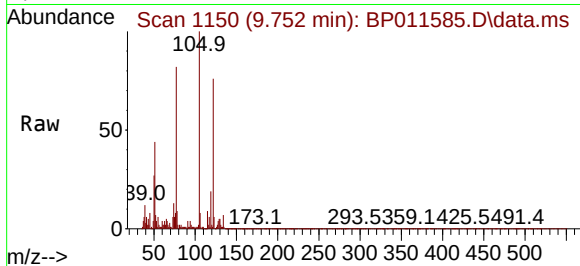




#32
Benzoic acid
Concen: 65.366 ng
RT: 9.752 min Scan# 1142
Delta R.T. 0.047 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

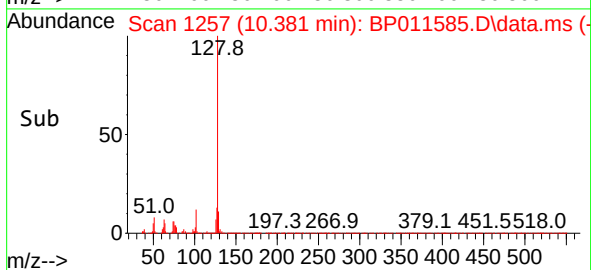
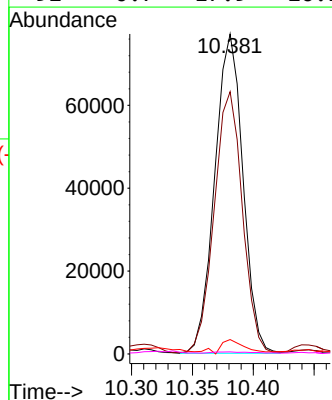
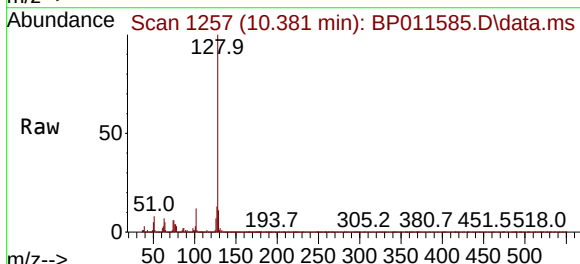
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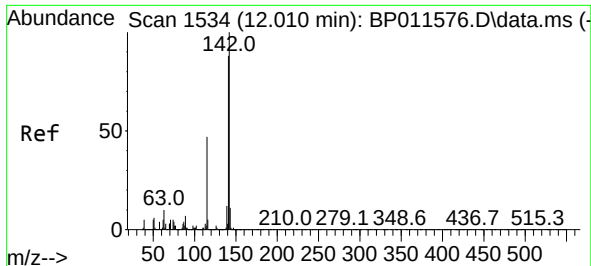
Tgt Ion:122 Resp: 316369
Ion Ratio Lower Upper
122 100
105 131.0 112.6 152.6
77 107.3 90.2 130.2



#33
4-Chloroaniline
Concen: 13.451 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.129 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion:127 Resp: 123940
Ion Ratio Lower Upper
127 100
129 81.9 25.4 38.2#
65 4.5 30.4 45.6#
92 0.7 17.9 26.9#

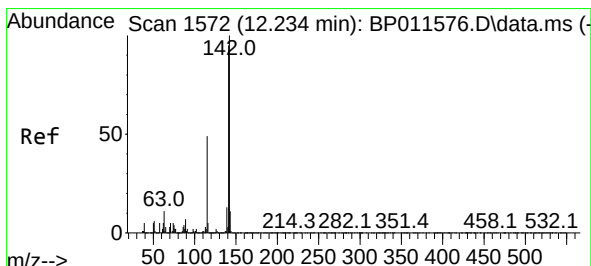
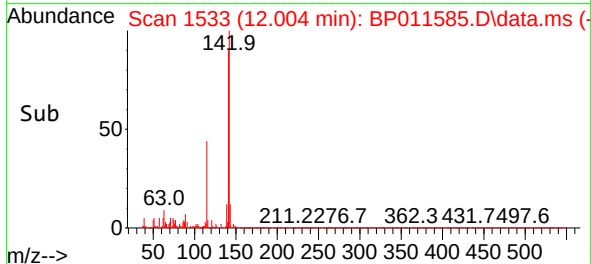
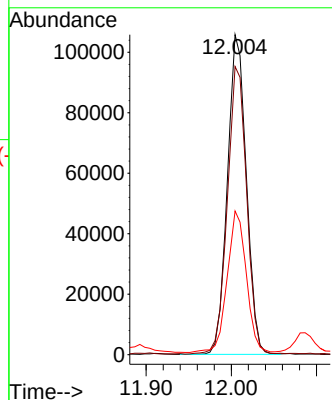
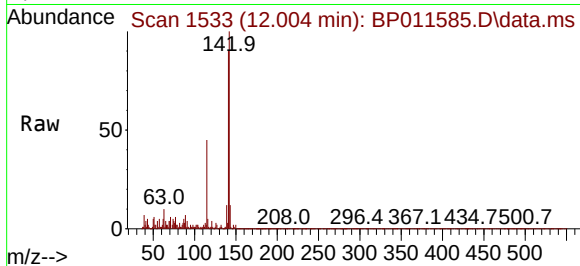




#37
2-Methylnaphthalene
Concen: 10.607 ng
RT: 12.004 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

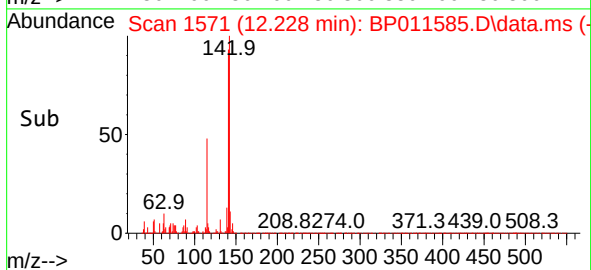
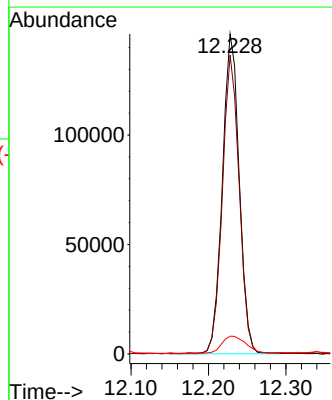
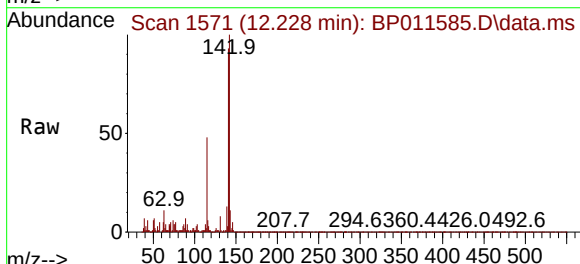
Instrument :
BNA_P
ClientSampleId :
MW-27

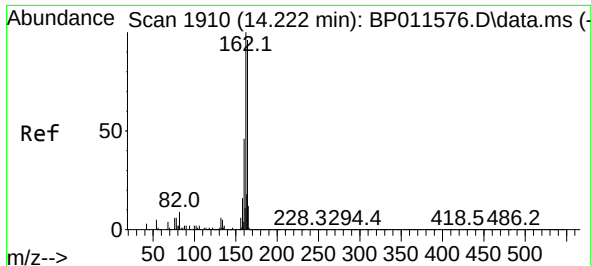
Tgt Ion:142 Resp: 163384
Ion Ratio Lower Upper
142 100
141 90.0 71.3 106.9
115 44.9 31.4 47.2



#38
1-Methylnaphthalene
Concen: 14.565 ng
RT: 12.228 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion:142 Resp: 221414
Ion Ratio Lower Upper
142 100
141 93.4 72.6 108.8
116 5.6 3.3 4.9#

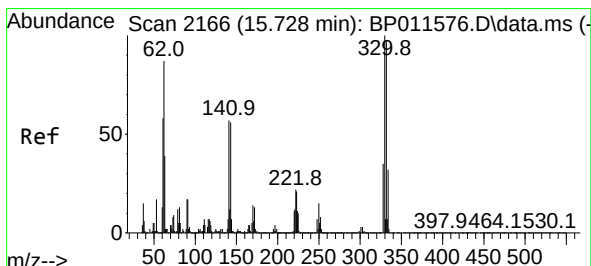
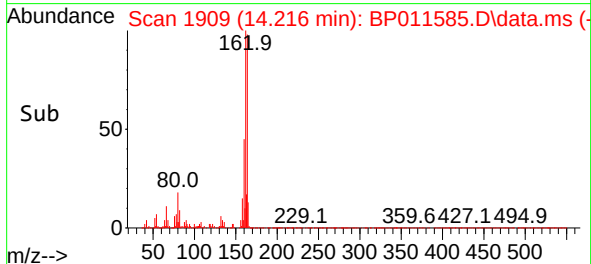
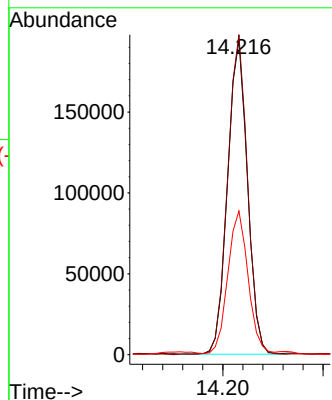
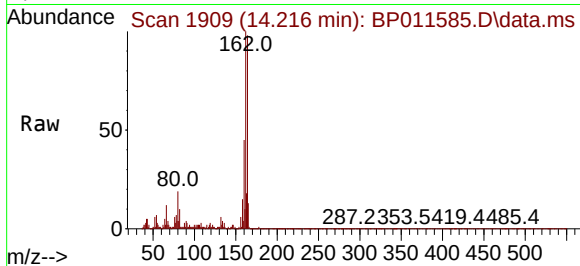




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

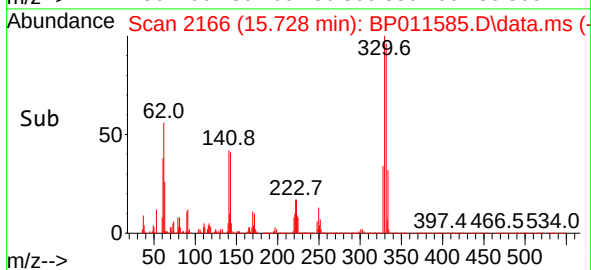
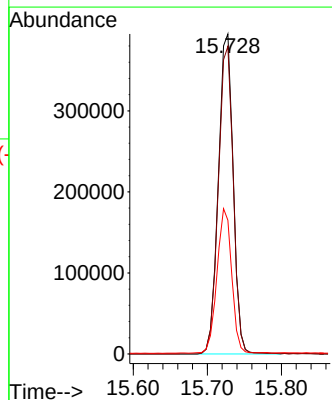
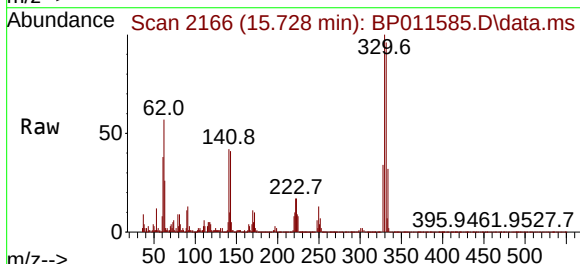
Instrument :
BNA_P
ClientSampleId :
MW-27

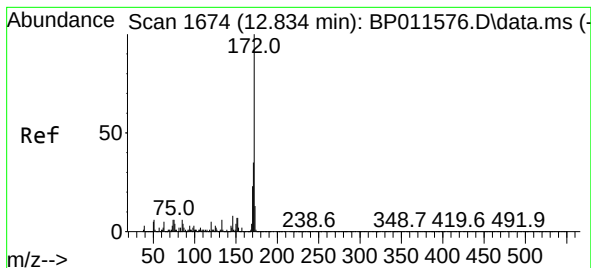
Tgt Ion:164 Resp: 267200
Ion Ratio Lower Upper
164 100
162 101.7 81.9 122.9
160 45.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 160.454 ng
RT: 15.728 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion:330 Resp: 549120
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 45.0 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 87.612 ng

RT: 12.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011585.D

Acq: 26 Aug 2022 18:38

Instrument :

BNA_P

ClientSampleId :

MW-27

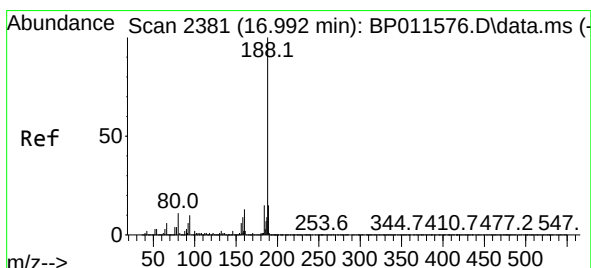
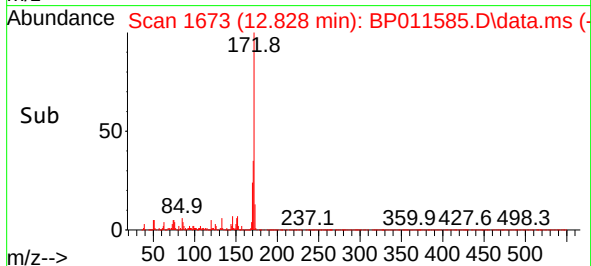
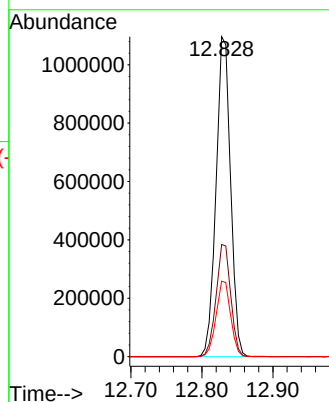
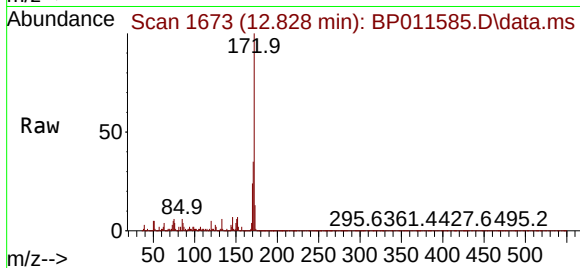
Tgt Ion:172 Resp: 1556438

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.6 18.2 27.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.986 min Scan# 2380

Delta R.T. -0.006 min

Lab File: BP011585.D

Acq: 26 Aug 2022 18:38

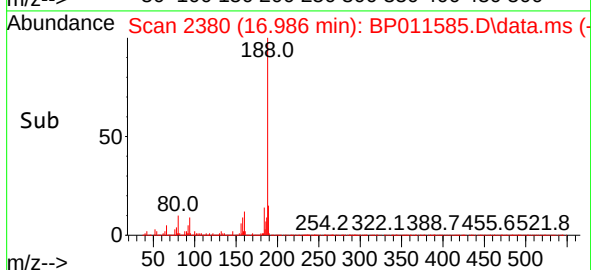
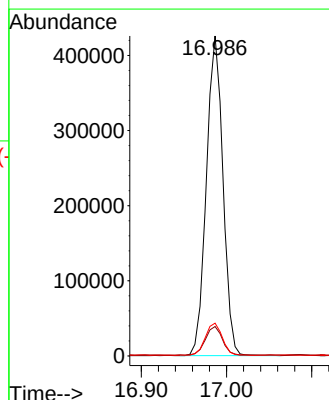
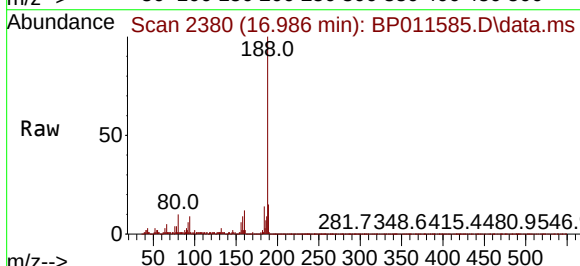
Tgt Ion:188 Resp: 575161

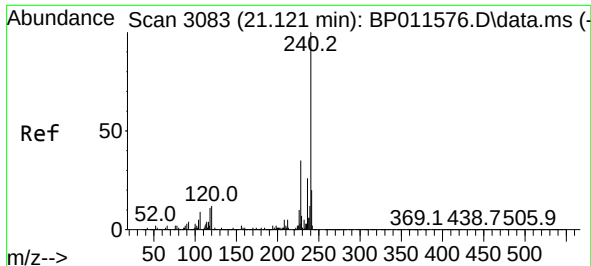
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 10.2 8.0 12.0

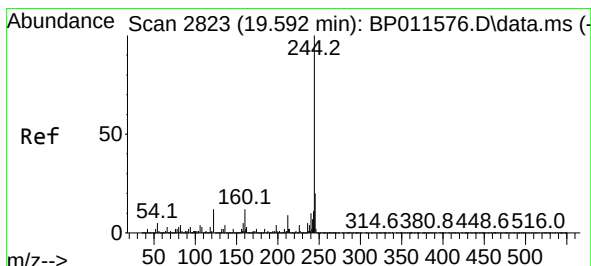
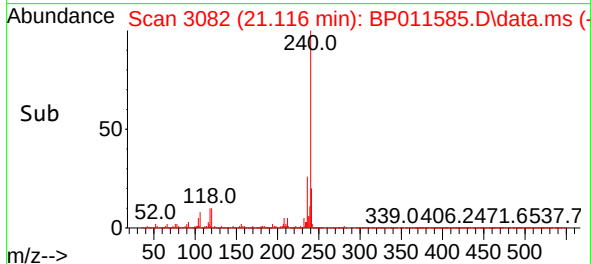
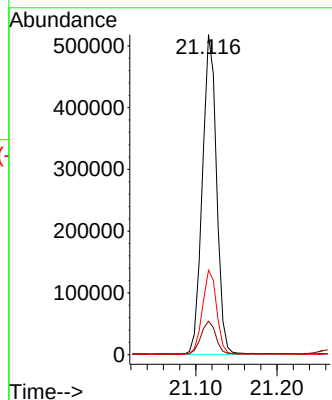
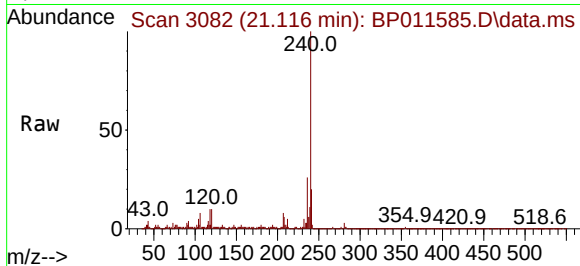




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.116 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

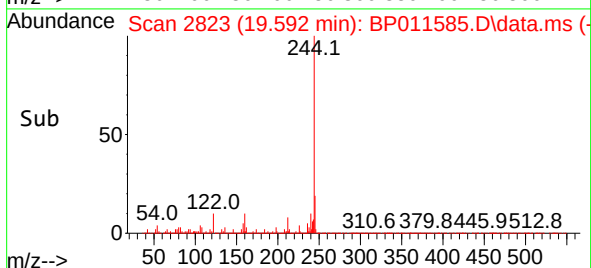
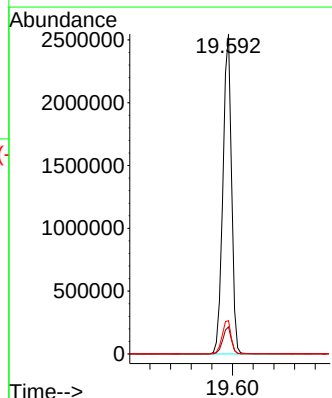
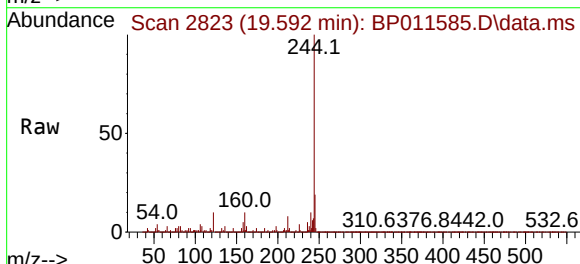
Instrument :
BNA_P
ClientSampleId :
MW-27

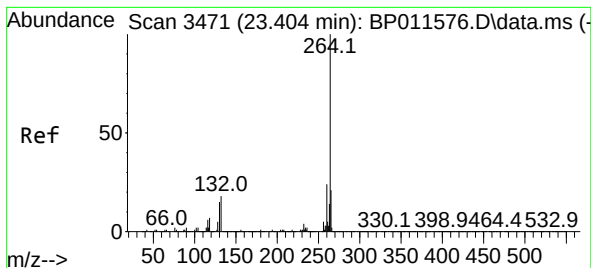
Tgt Ion:240 Resp: 629894
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.4 19.8 29.6



#79
Terphenyl-d14
Concen: 90.593 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP011585.D
Acq: 26 Aug 2022 18:38

Tgt Ion:244 Resp: 2939690
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 10.4 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.404 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP011585.D

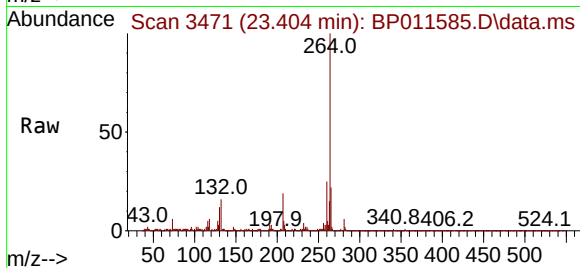
Acq: 26 Aug 2022 18:38

Instrument :

BNA_P

ClientSampleId :

MW-27



Tgt Ion:264 Resp: 722096

Ion Ratio Lower Upper

264 100

260 25.0 19.3 28.9

265 22.2 18.0 27.0

