

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122921\
 Data File : BP008596.D
 Acq On : 29 Dec 2021 15:50
 Operator : CG/JU
 Sample : M5219-01DL 50X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 M21013-N48854-1040DL

Quant Time: Dec 29 16:20:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 13:29:13 2021
 Response via : Initial Calibration

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

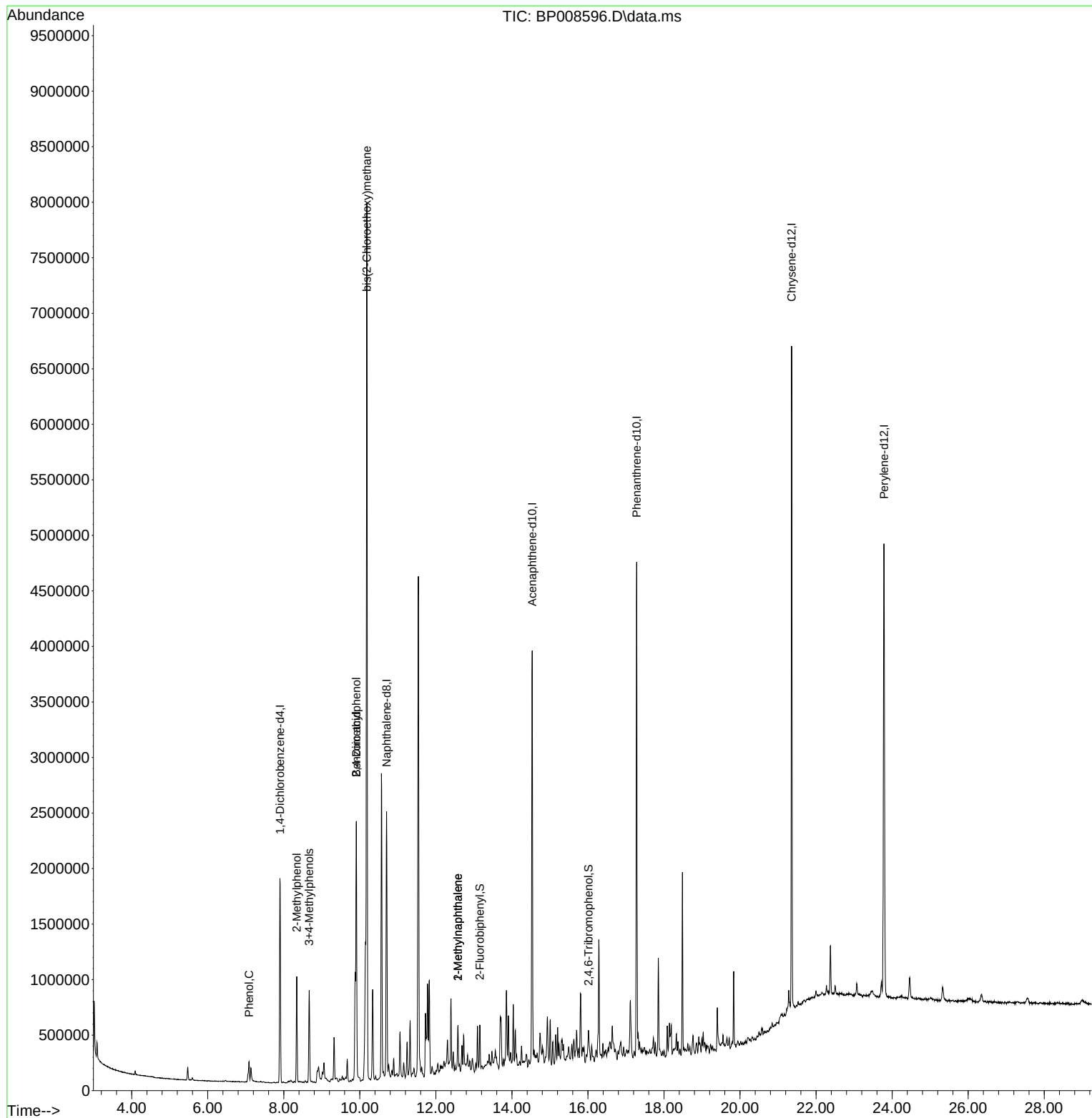
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	569317	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2105896	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	1361235	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	2830108	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2986639	20.000	ng	0.00
86) Perylene-d12	23.786	264	3263242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	56605	1.815	ng	0.00
7) Phenol-d6	7.058	99	38475	0.886	ng	0.00
23) Nitrobenzene-d5	9.057	82	66158	1.869	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	39395	2.139	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	215638	2.393	ng	0.00
79) Terphenyl-d14	19.833	244	316922	1.032	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.087	94	117694	2.685	ng	99
17) 2-Methylphenol	8.340	107	309077	10.134	ng	99
20) 3+4-Methylphenols	8.669	107	356211	8.313	ng	90
27) 2,4-Dimethylphenol	9.910	122	1087782	37.646	ng	# 90
28) bis(2-Chloroethoxy)met...	10.187	93	138911	3.034	ng	# 1
32) Benzoic acid	9.910	122	1087782	59.890	ng	# 16
37) 2-Methylnaphthalene	12.581	142	170606	2.074	ng	95
38) 1-Methylnaphthalene	12.581	142	170848	2.124	ng	99

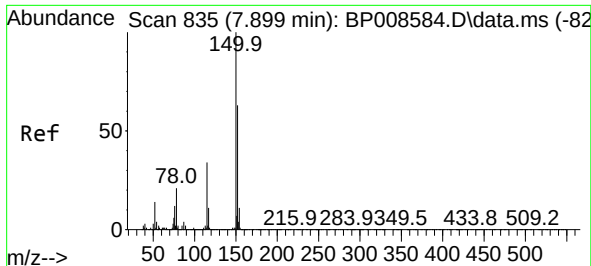
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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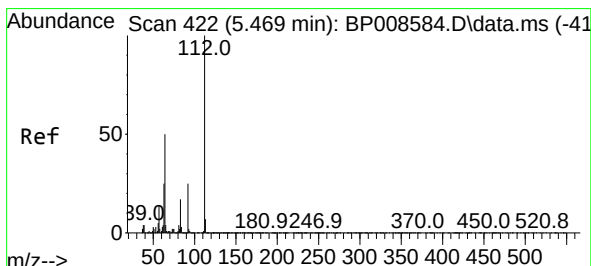
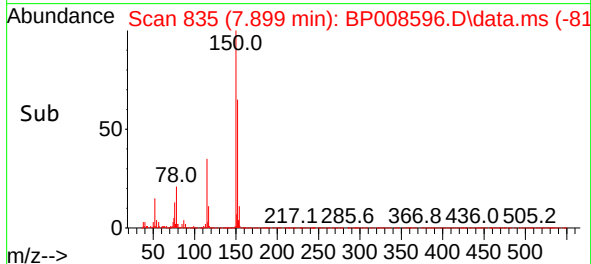
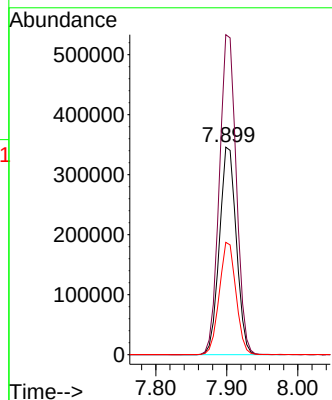
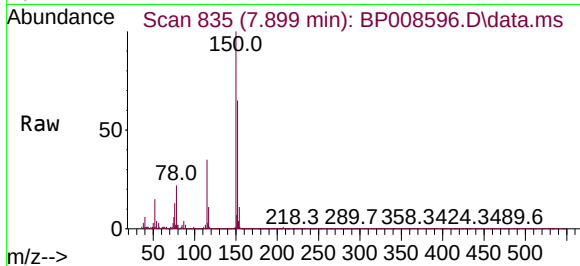




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP008596.D
 Acq: 29 Dec 2021 15:50

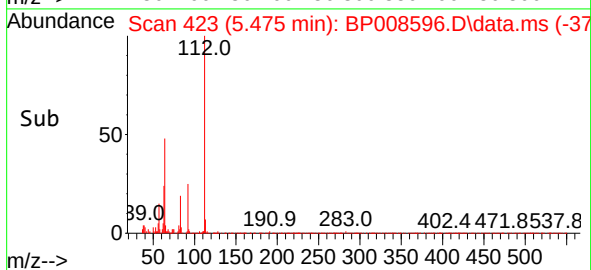
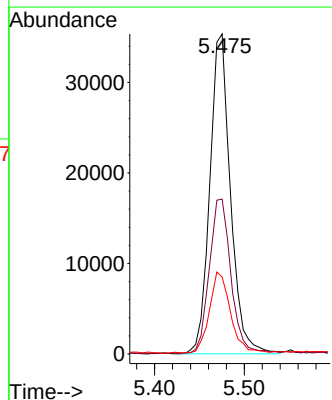
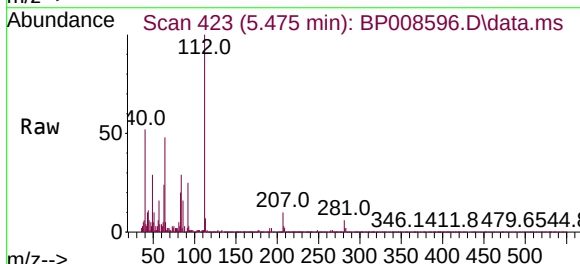
Instrument :
 BNA_P
 ClientSampleId :
 M21013-N48854-1040DL

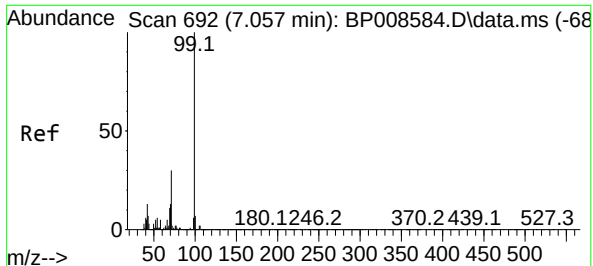
Tgt Ion:152 Resp: 569317
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.0 190.6
 115 54.1 43.7 65.5



#5
 2-Fluorophenol
 Concen: 1.815 ng
 RT: 5.475 min Scan# 423
 Delta R.T. 0.006 min
 Lab File: BP008596.D
 Acq: 29 Dec 2021 15:50

Tgt Ion:112 Resp: 56605
 Ion Ratio Lower Upper
 112 100
 64 48.4 39.7 59.5
 63 24.1 20.0 30.0

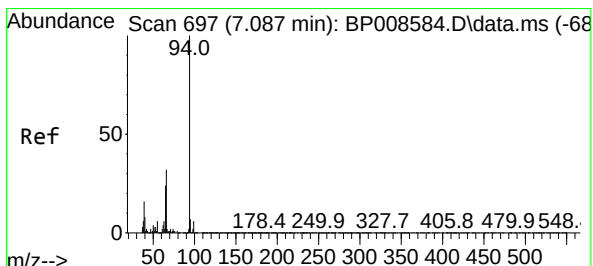
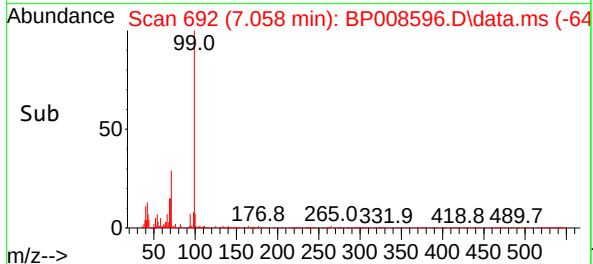
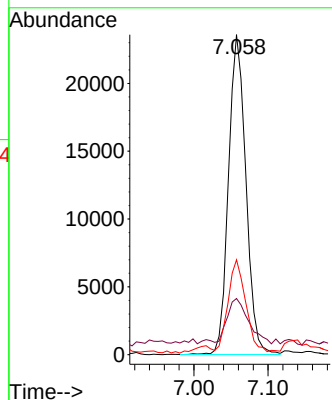
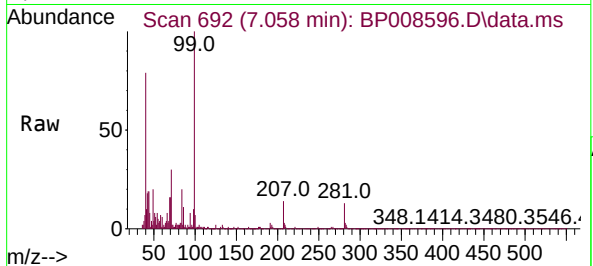




#7
Phenol-d6
Concen: 0.886 ng
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

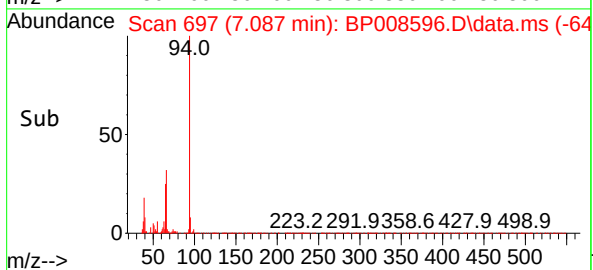
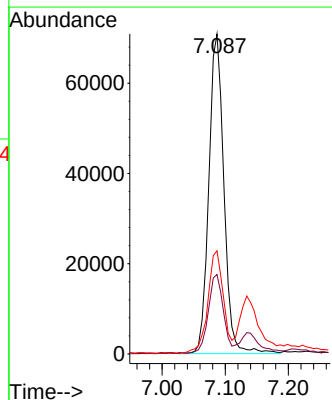
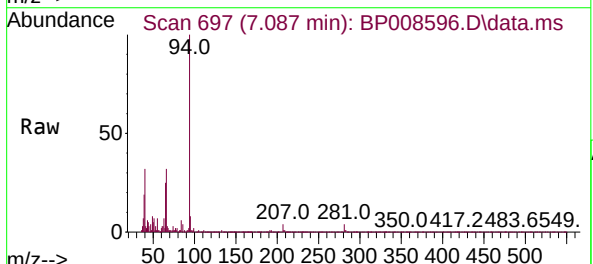
Instrument :
BNA_P
ClientSampleId :
M21013-N48854-1040DL

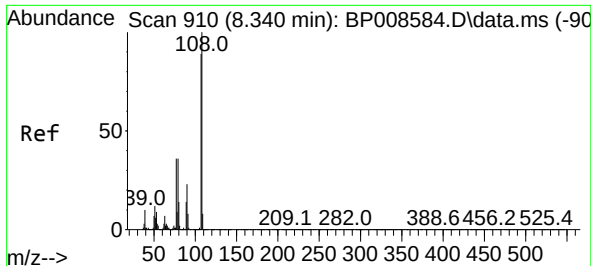
Tgt Ion: 99 Resp: 38475
Ion Ratio Lower Upper
99 100
42 17.5 10.8 16.2#
71 29.7 23.8 35.6



#10
Phenol
Concen: 2.685 ng
RT: 7.087 min Scan# 697
Delta R.T. 0.000 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

Tgt Ion: 94 Resp: 117694
Ion Ratio Lower Upper
94 100
65 24.9 4.1 44.1
66 32.2 12.4 52.4

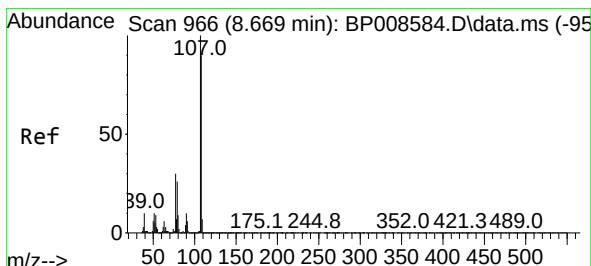
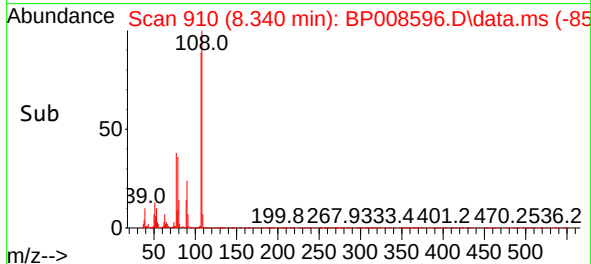
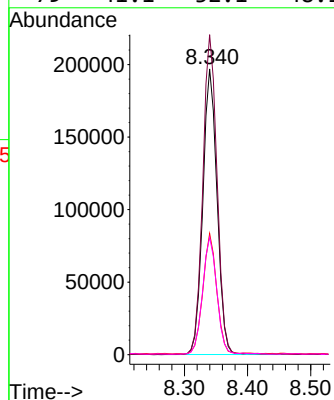
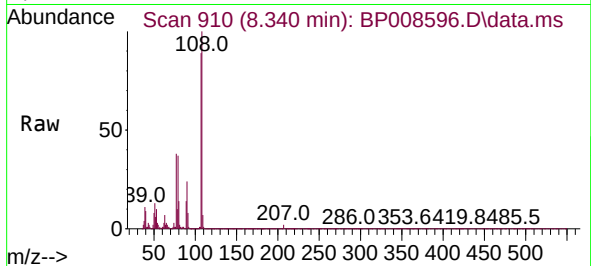




#17
2-Methylphenol
Concen: 10.134 ng
RT: 8.340 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

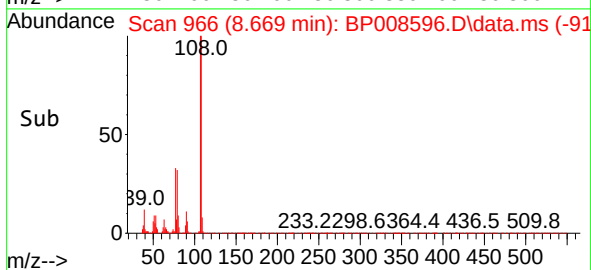
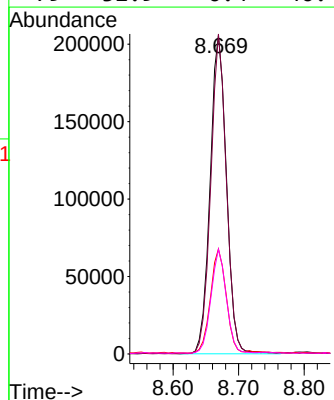
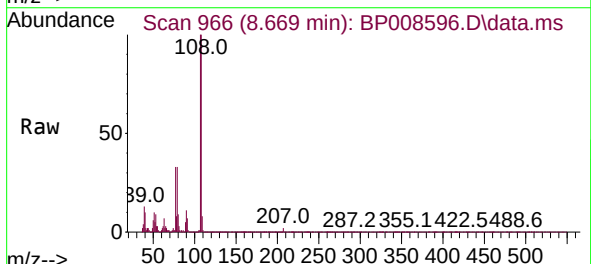
Instrument :
BNA_P
ClientSampleId :
M21013-N48854-1040DL

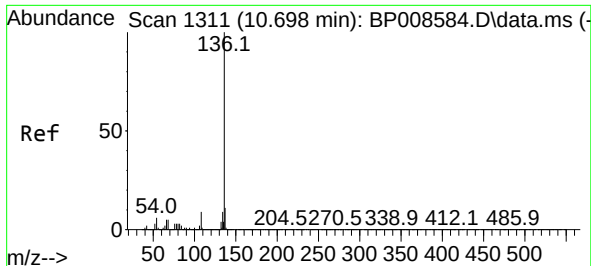
Tgt Ion:	107	Resp:	309077
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	42.4	32.7	49.1
79	41.1	32.1	48.1



#20
3+4-Methylphenols
Concen: 8.313 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.000 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

Tgt Ion:	107	Resp:	356211
Ion	Ratio	Lower	Upper
107	100		
108	100.4	69.8	109.8
77	32.9	10.4	50.4
79	32.9	6.4	46.4



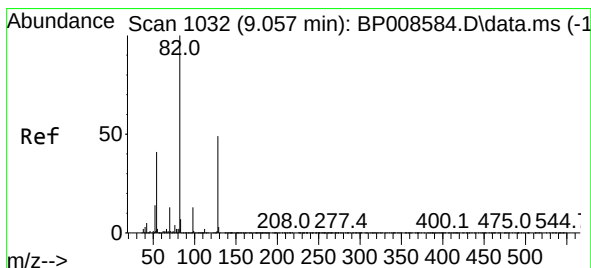
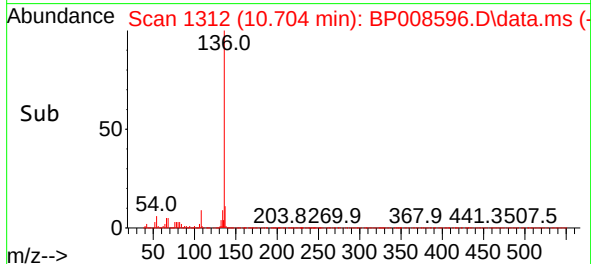
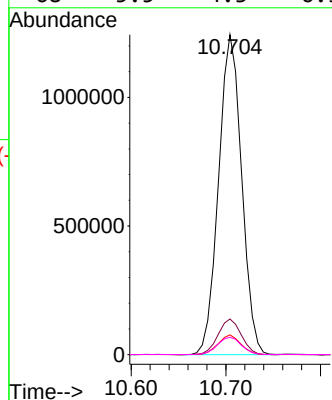
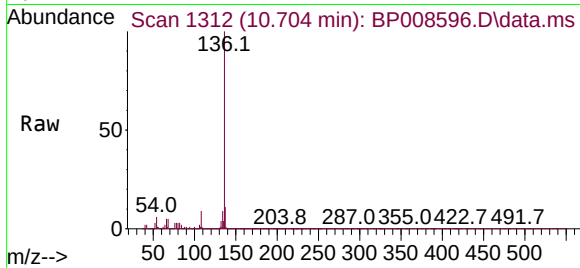


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

Instrument :
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ClientSampleId :
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Tgt Ion:136 Resp: 2105896

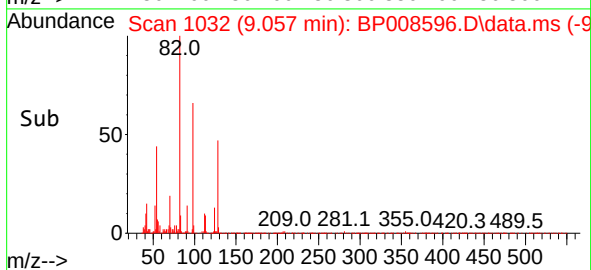
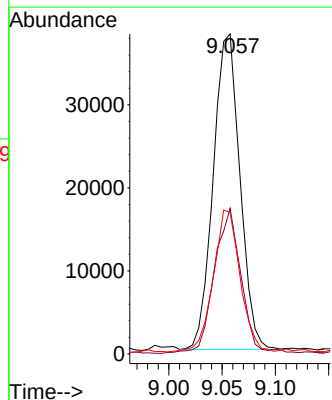
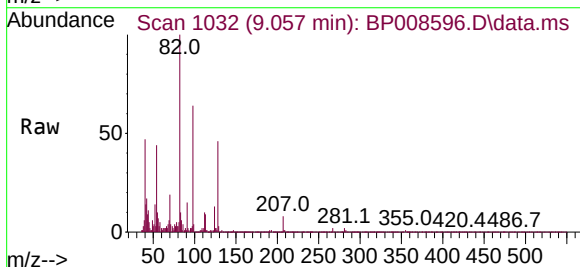
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.2	4.9	7.3
68	5.5	4.3	6.5

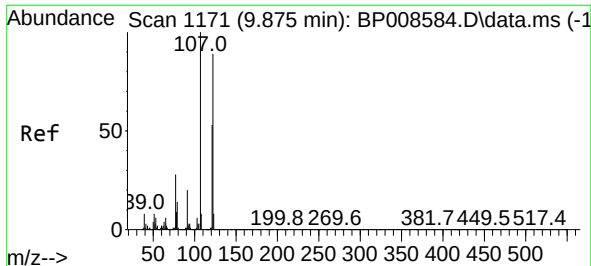


#23
Nitrobenzene-d5
Concen: 1.869 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

Tgt Ion: 82 Resp: 66158

Ion	Ratio	Lower	Upper
82	100		
128	45.5	39.4	59.2
54	44.3	32.6	48.8





#27

2,4-Dimethylphenol

Concen: 37.646 ng

RT: 9.910 min Scan# 1177

Delta R.T. 0.035 min

Lab File: BP008596.D

Acq: 29 Dec 2021 15:50

Instrument :

BNA_P

ClientSampleId :

M21013-N48854-1040DL

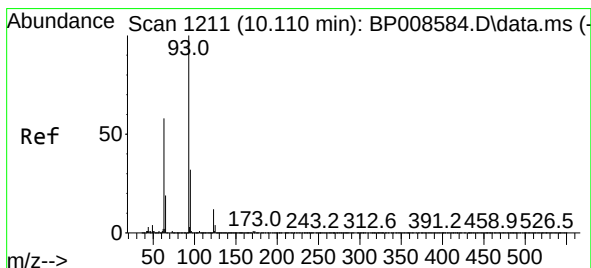
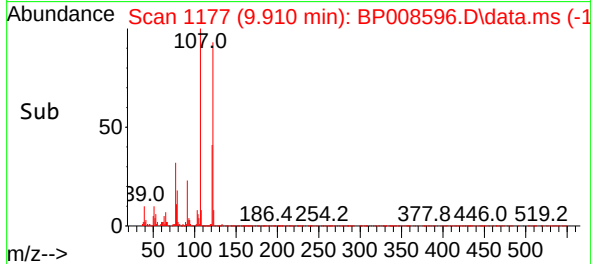
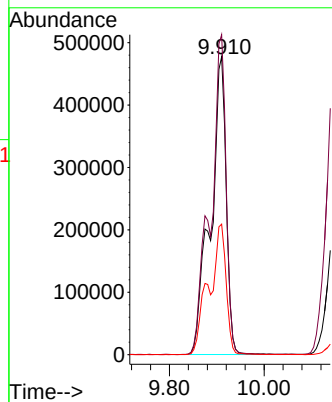
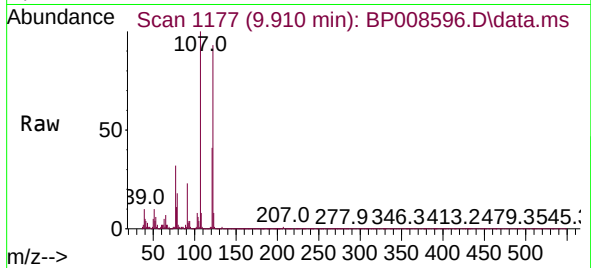
Tgt Ion:122 Resp: 1087782

Ion Ratio Lower Upper

122 100

107 107.4 89.6 134.4

121 43.8 47.8 71.8#



#28

bis(2-Chloroethoxy)methane

Concen: 3.034 ng

RT: 10.187 min Scan# 1224

Delta R.T. 0.076 min

Lab File: BP008596.D

Acq: 29 Dec 2021 15:50

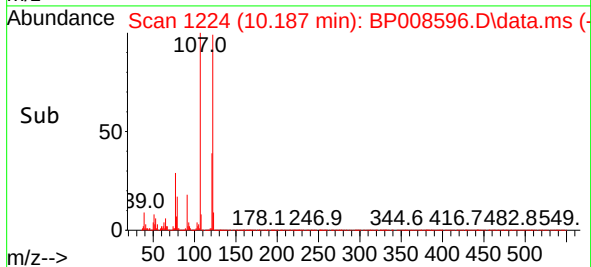
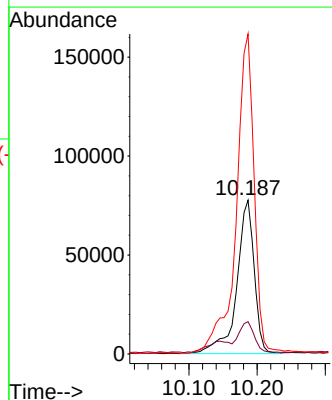
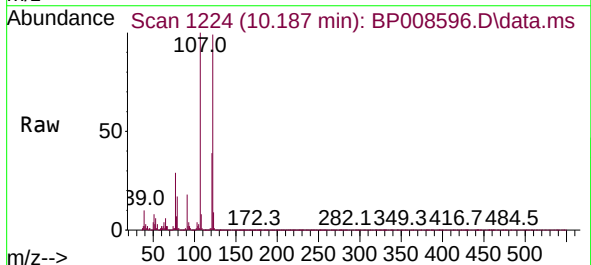
Tgt Ion: 93 Resp: 138911

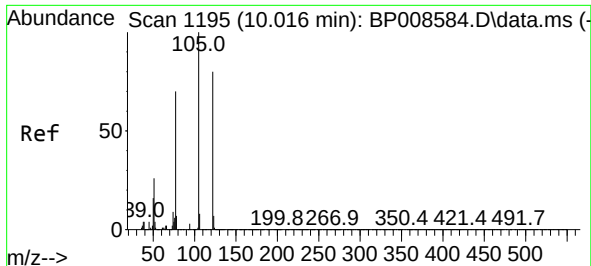
Ion Ratio Lower Upper

93 100

95 21.1 25.8 38.8#

123 208.2 9.7 14.5#

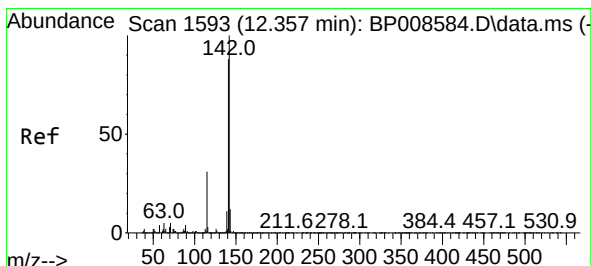
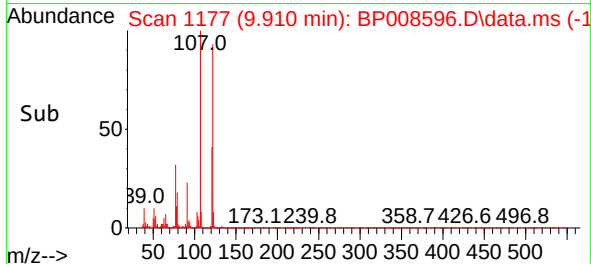
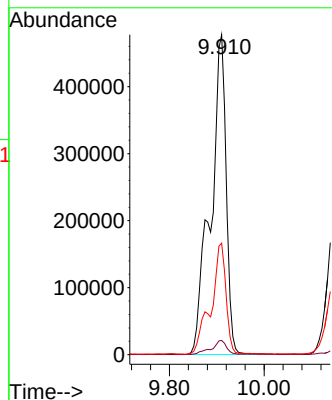
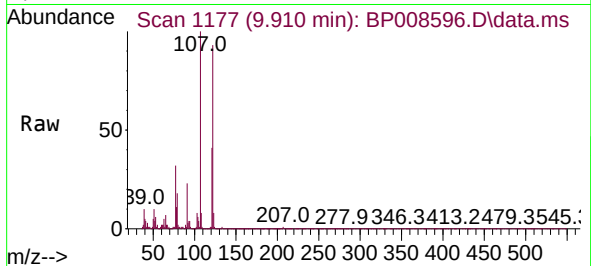




#32
Benzoic acid
Concen: 59.890 ng
RT: 9.910 min Scan# 1195
Delta R.T. -0.106 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

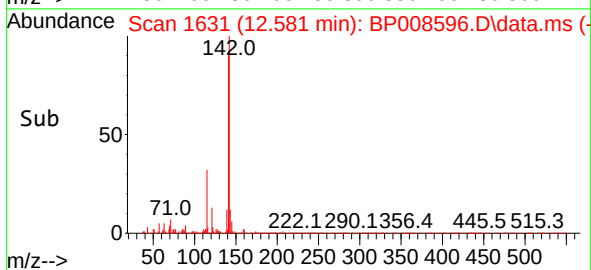
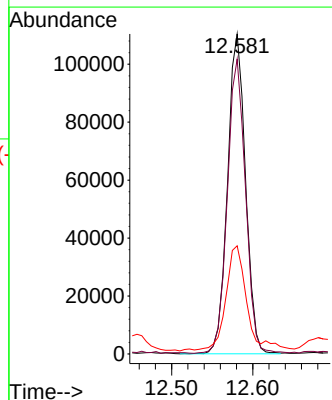
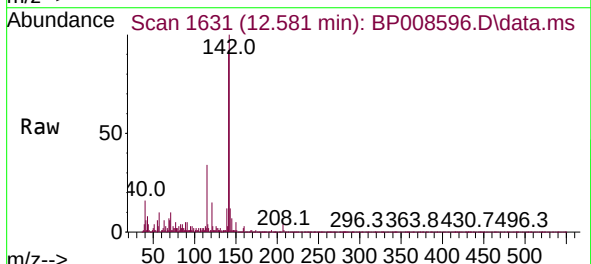
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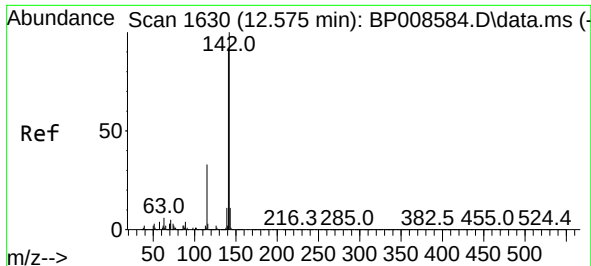
Tgt Ion:122 Resp: 1087782
Ion Ratio Lower Upper
122 100
105 4.4 100.1 140.1#
77 34.8 65.5 105.5#



#37
2-Methylnaphthalene
Concen: 2.074 ng
RT: 12.581 min Scan# 1631
Delta R.T. 0.224 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

Tgt Ion:142 Resp: 170606
Ion Ratio Lower Upper
142 100
141 92.1 70.5 105.7
115 33.8 24.6 36.8

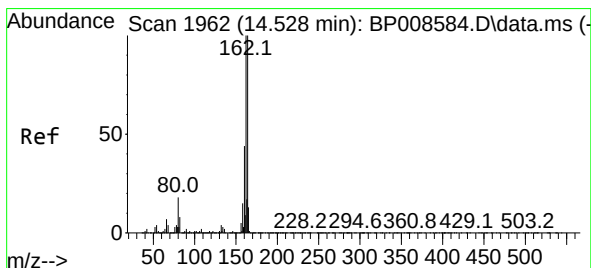
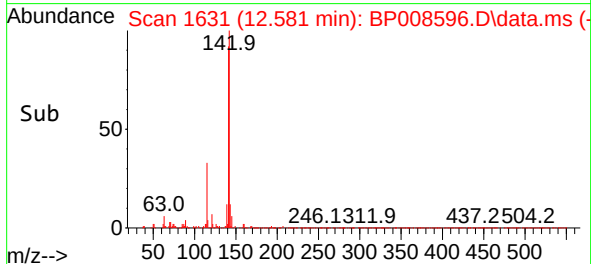
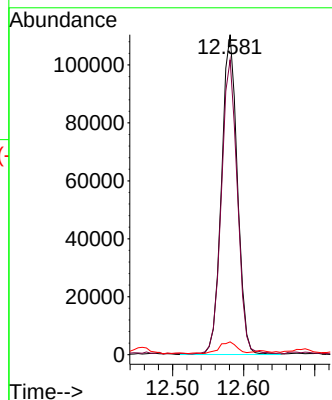
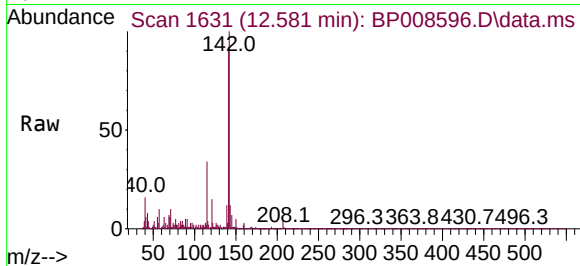




#38
1-Methylnaphthalene
Concen: 2.124 ng
RT: 12.581 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

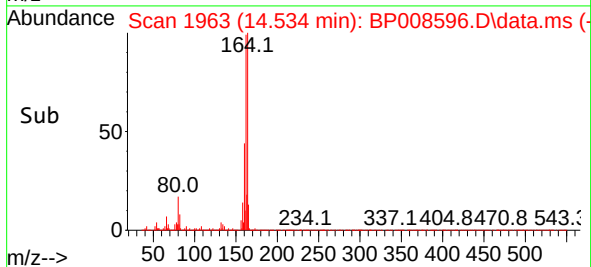
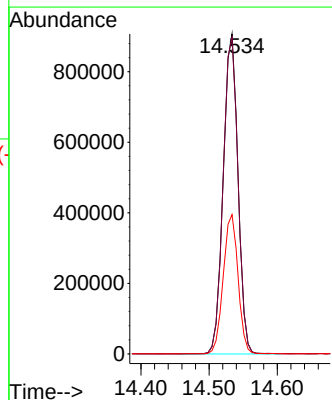
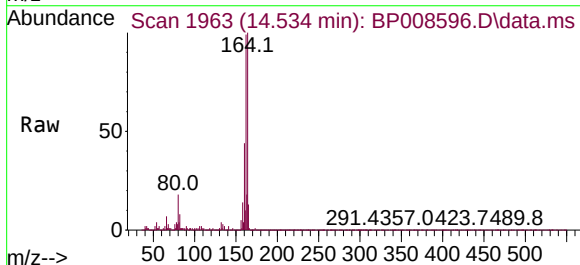
Instrument :
BNA_P
ClientSampleId :
M21013-N48854-1040DL

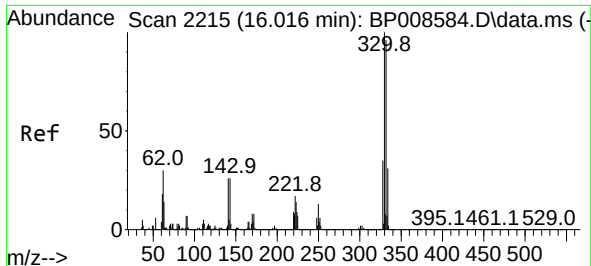
Tgt Ion:142 Resp: 170848
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8
116 4.0 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

Tgt Ion:164 Resp: 1361235
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 43.6 35.5 53.3

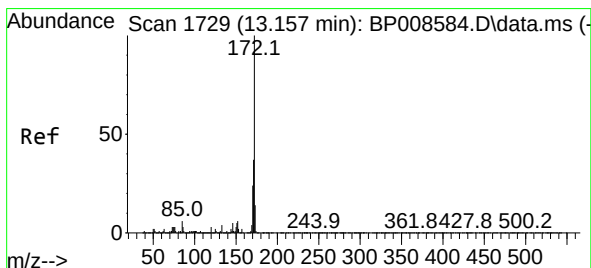
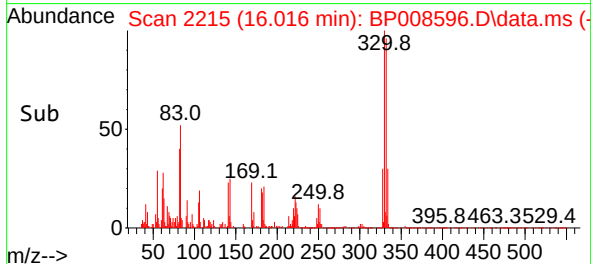
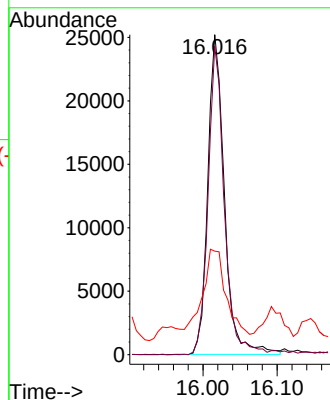
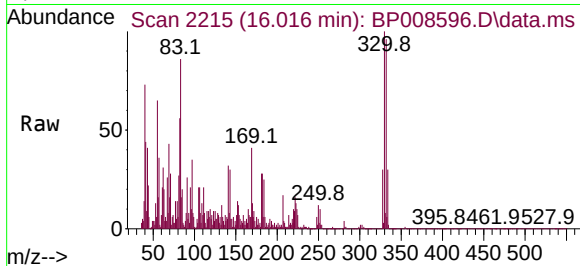




#42
2,4,6-Tribromophenol
Concen: 2.139 ng
RT: 16.016 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

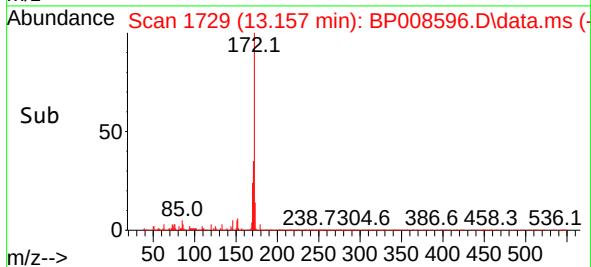
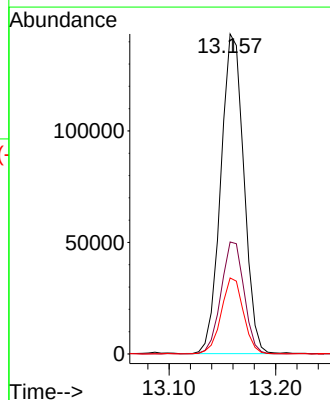
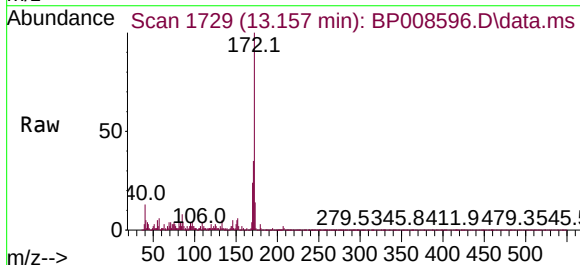
Instrument :
BNA_P
ClientSampleId :
M21013-N48854-1040DL

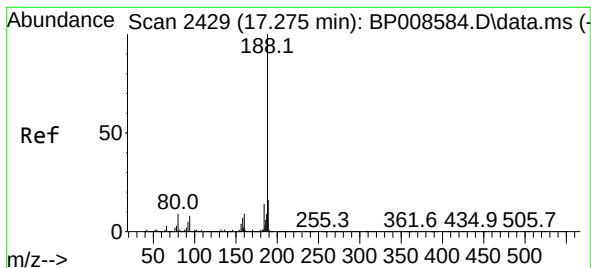
Tgt Ion:330 Resp: 39395
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.4
141 36.1 21.3 31.9#



#45
2-Fluorobiphenyl
Concen: 2.393 ng
RT: 13.157 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP008596.D
Acq: 29 Dec 2021 15:50

Tgt Ion:172 Resp: 215638
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.8 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.281 min Scan# 2429

Delta R.T. 0.006 min

Lab File: BP008596.D

Acq: 29 Dec 2021 15:50

Instrument :

BNA_P

ClientSampleId :

M21013-N48854-1040DL

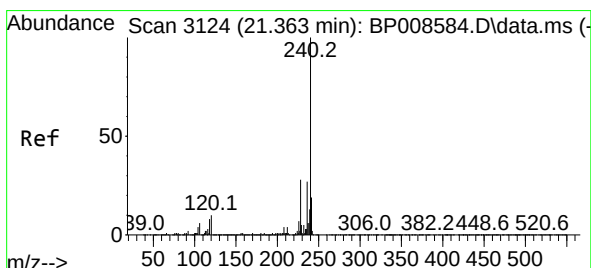
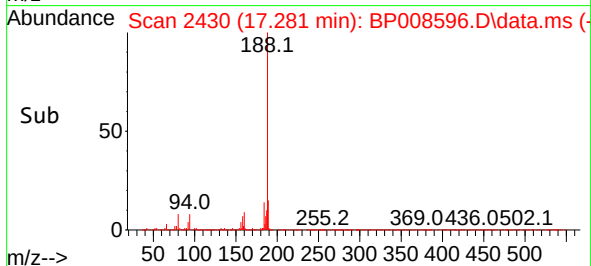
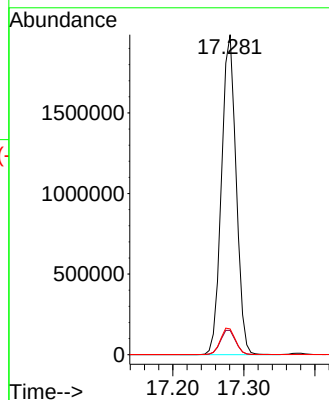
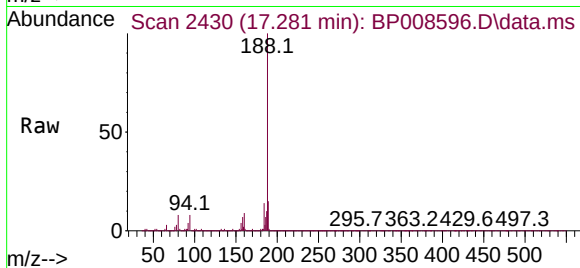
Tgt Ion:188 Resp: 2830108

Ion Ratio Lower Upper

188 100

94 7.6 6.8 10.2

80 8.0 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP008596.D

Acq: 29 Dec 2021 15:50

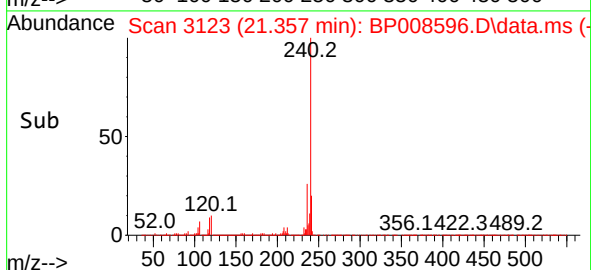
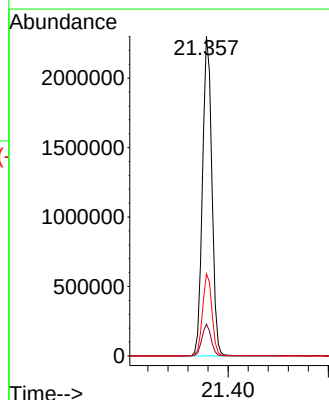
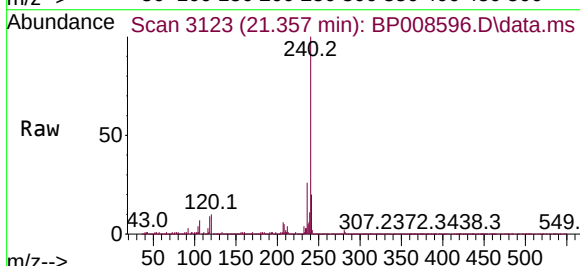
Tgt Ion:240 Resp: 2986639

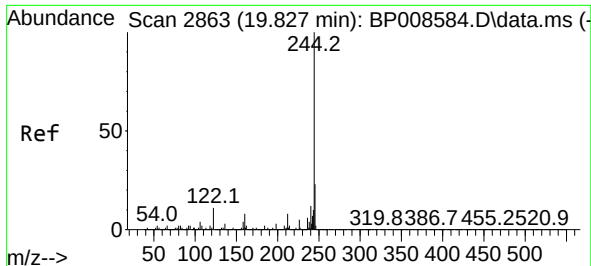
Ion Ratio Lower Upper

240 100

120 10.0 7.7 11.5

236 25.6 21.2 31.8

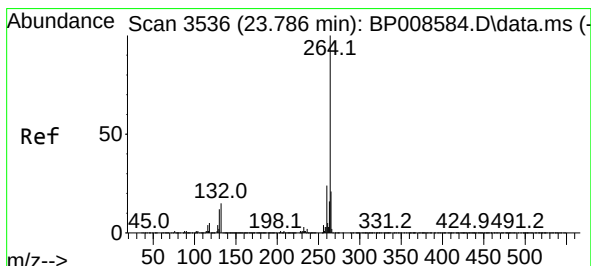
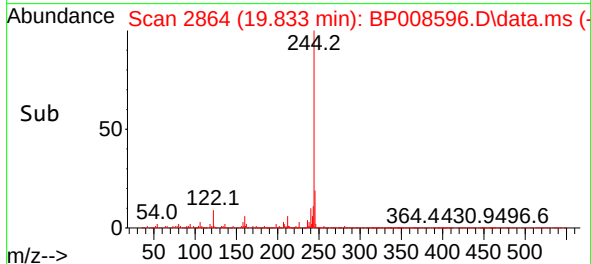
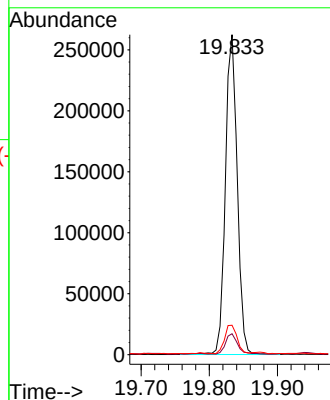
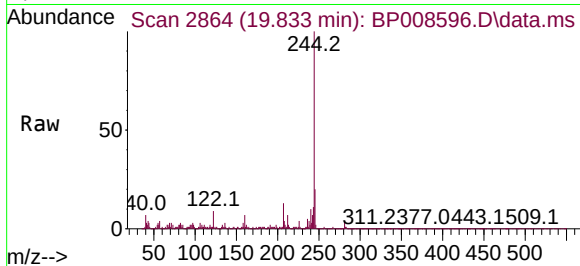




#79
 Terphenyl-d14
 Concen: 1.032 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP008596.D
 Acq: 29 Dec 2021 15:50

Instrument :
 BNA_P
 ClientSampleId :
 M21013-N48854-1040DL

Tgt Ion:244 Resp: 316922
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 9.2 9.2 13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.786 min Scan# 3536
 Delta R.T. 0.000 min
 Lab File: BP008596.D
 Acq: 29 Dec 2021 15:50

Tgt Ion:264 Resp: 3263242
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.7 17.1 25.7

