

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010596.D
 Acq On : 28 May 2022 12:53
 Operator : CG/JU
 Sample : N2990-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB-220517

Quant Time: May 28 23:36:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

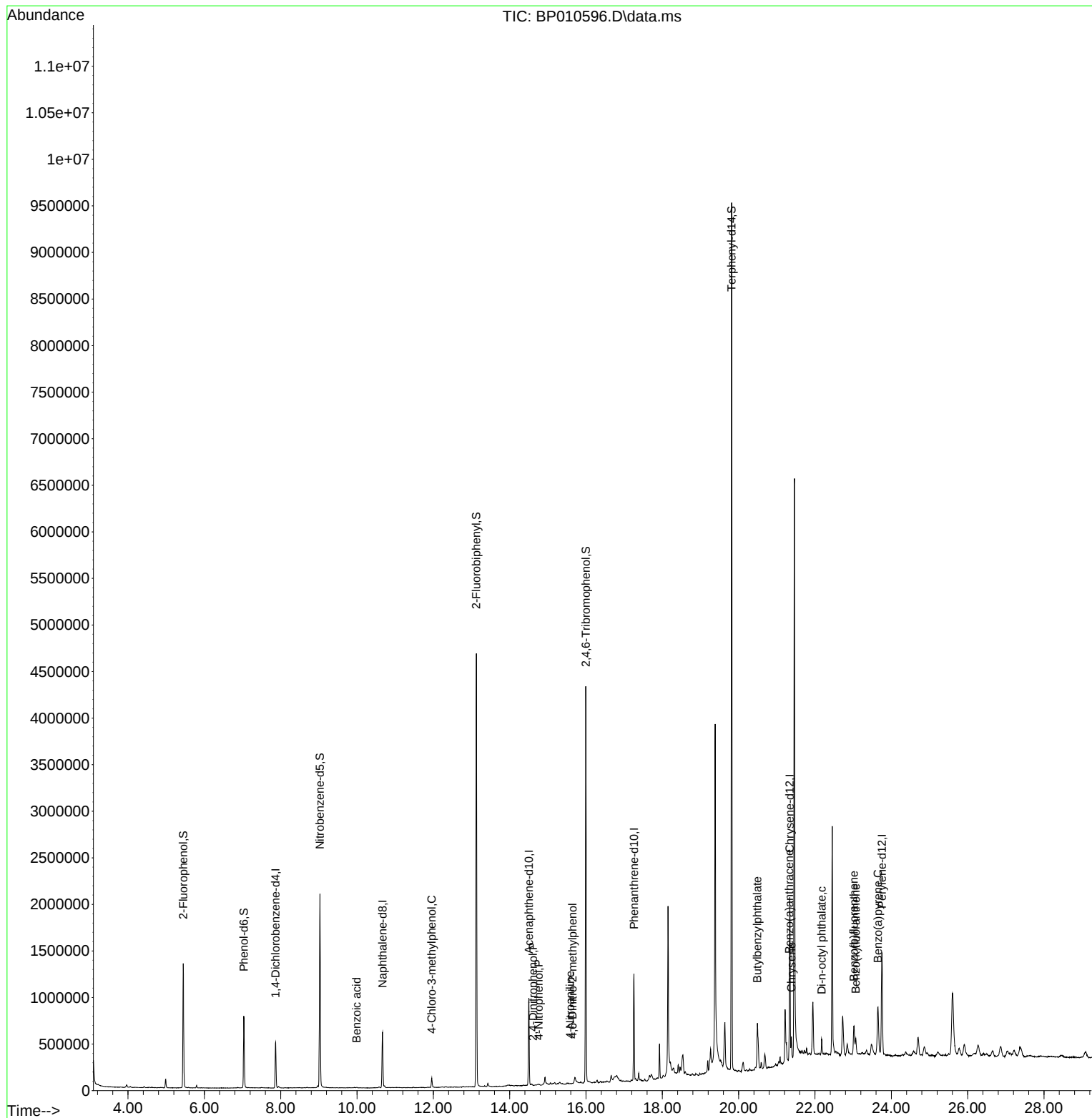
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	121799	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	478140	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	309846	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	685721	20.000	ng	0.00
76) Chrysene-d12	21.339	240	780638	20.000	ng	0.00
86) Perylene-d12	23.756	264	866766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	506136	75.809	ng	0.00
7) Phenol-d6	7.034	99	393194	41.484	ng	0.00
23) Nitrobenzene-d5	9.028	82	1108076	109.566	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	696312	198.531	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2200501	100.793	ng	0.00
79) Terphenyl-d14	19.815	244	4300475	103.474	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.986	122	144	7.351	ng	# 63
36) 4-Chloro-3-methylphenol	11.957	107	34678	4.278	ng	98
54) 2,4-Dinitrophenol	14.610	184	26	6.654	ng	# 1
56) 4-Nitrophenol	14.763	139	1343	3.925	ng	89
62) 4-Nitroaniline	15.586	138	1170	2.359	ng	97
65) 4,6-Dinitro-2-methylph...	15.645	198	378	4.681	ng	# 1
80) Butylbenzylphthalate	20.486	149	49431	2.307	ng	94
81) Benzo(a)anthracene	21.327	228	135562	2.647	ng	99
83) Chrysene	21.380	228	146102	2.908	ng	99
85) Di-n-octyl phthalate	22.174	149	113556	2.256	ng	# 99
88) Benzo(b)fluoranthene	23.021	252	136536	2.502	ng	99
89) Benzo(k)fluoranthene	23.068	252	128720	2.327	ng	97
90) Benzo(a)pyrene	23.645	252	135952	3.012	ng	# 94

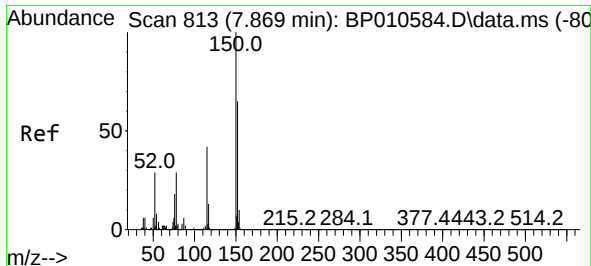
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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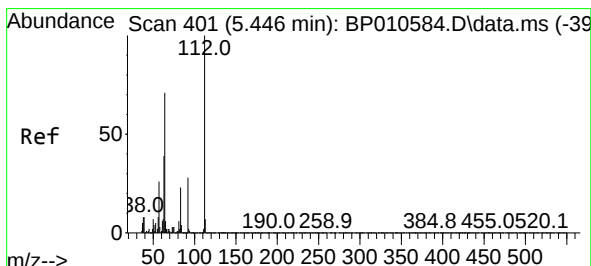
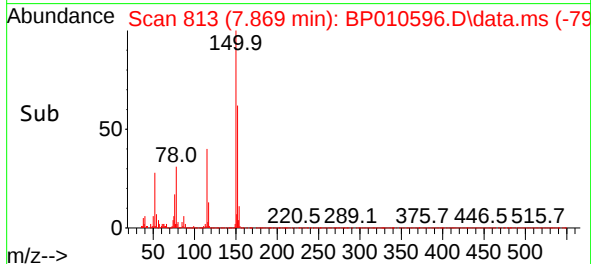
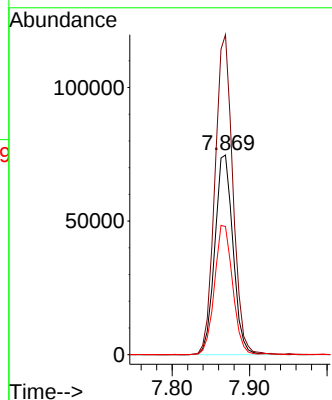
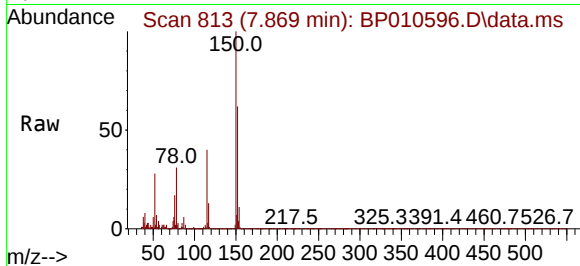




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

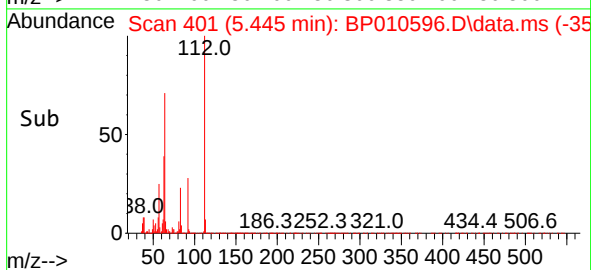
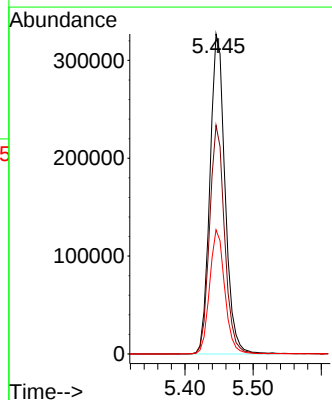
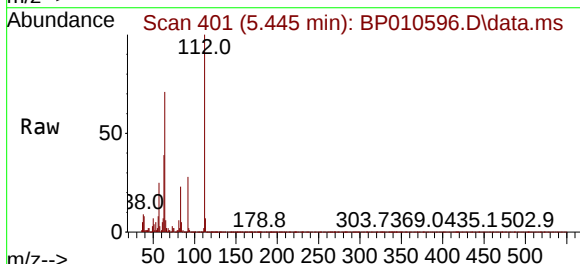
Instrument :
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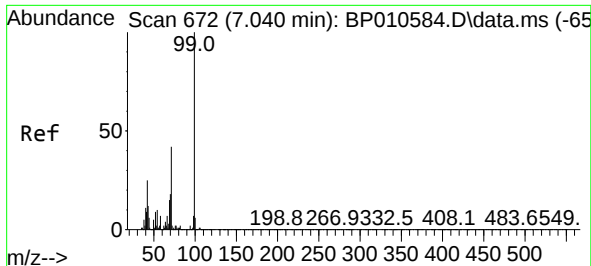
Tgt Ion:152 Resp: 121799
Ion Ratio Lower Upper
152 100
150 160.3 123.4 185.2
115 64.2 51.3 76.9



#5
2-Fluorophenol
Concen: 75.809 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:112 Resp: 506136
Ion Ratio Lower Upper
112 100
64 71.4 56.9 85.3
63 38.8 31.2 46.8

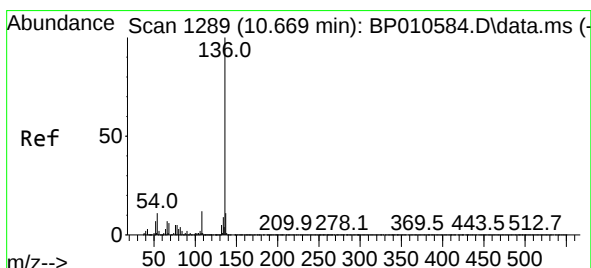
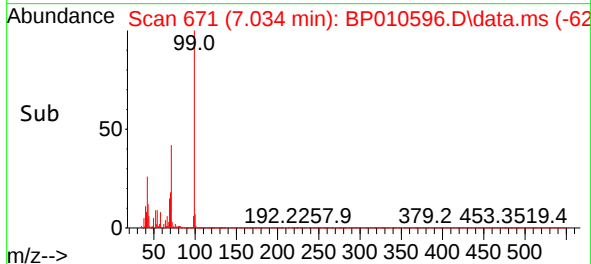
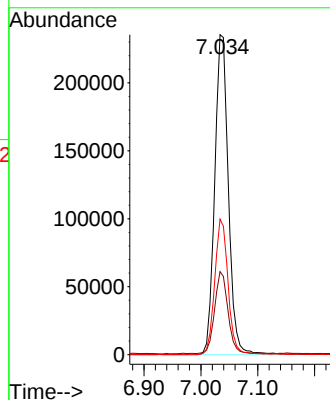
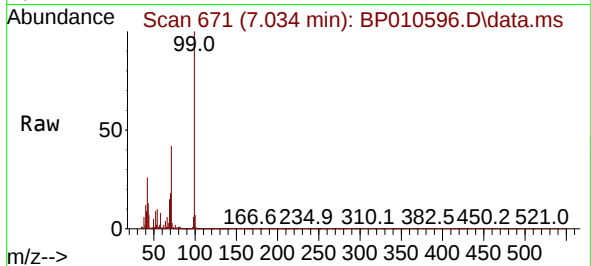




#7
Phenol-d6
Concen: 41.484 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

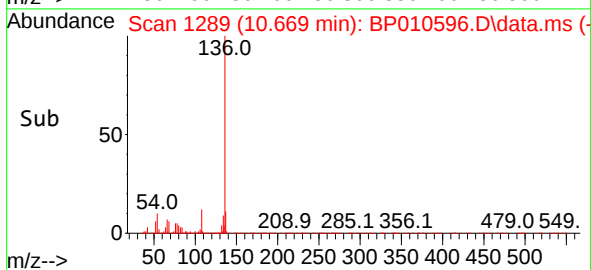
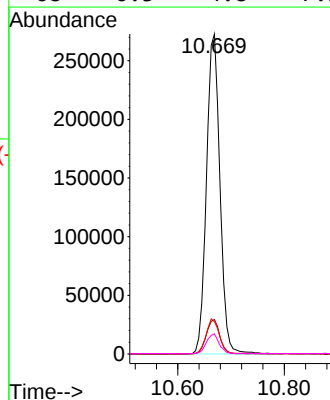
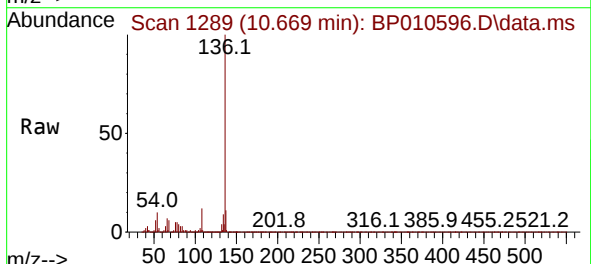
Instrument :
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ClientSampleId :
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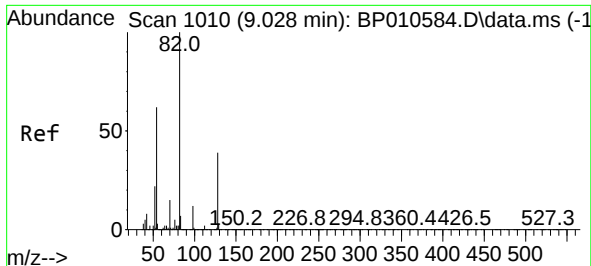
Tgt Ion: 99 Resp: 393194
Ion Ratio Lower Upper
99 100
42 26.0 20.3 30.5
71 42.3 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion: 136 Resp: 478140
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.0 8.7 13.1
68 6.3 4.8 7.2

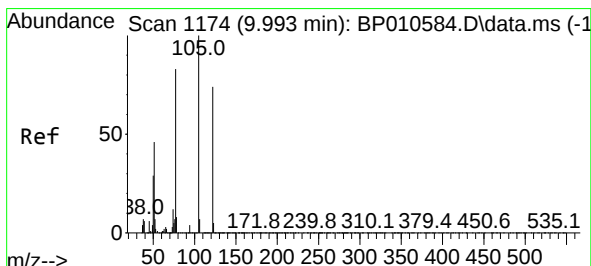
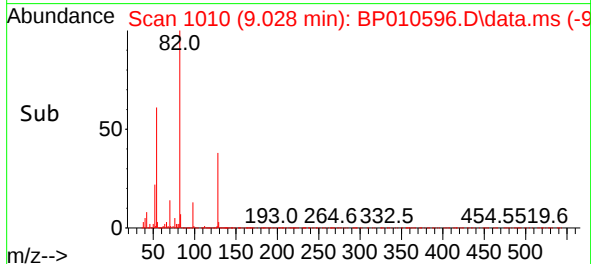
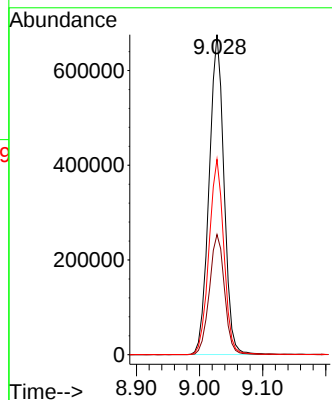
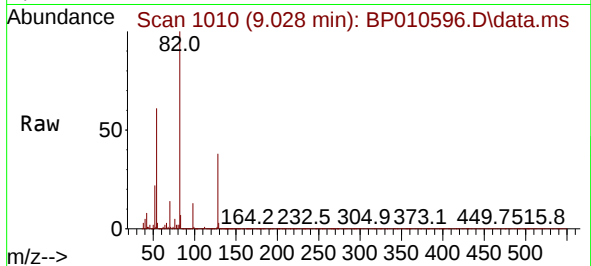




#23
Nitrobenzene-d5
Concen: 109.566 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

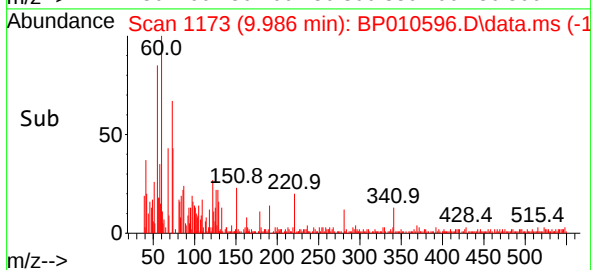
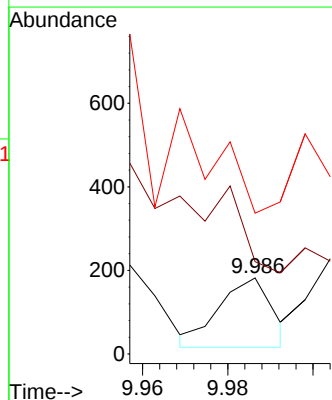
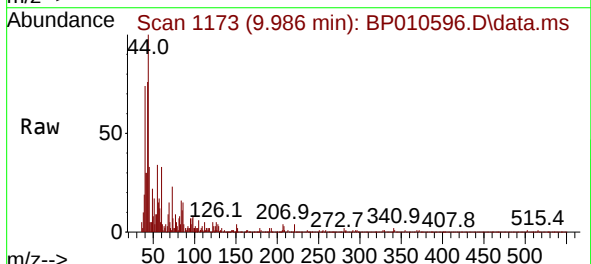
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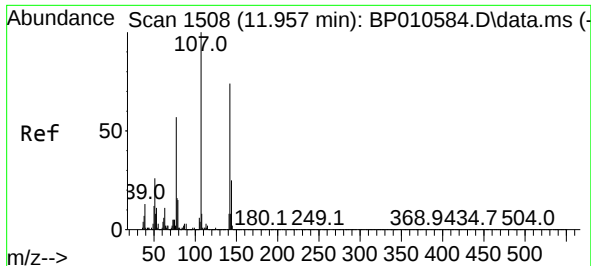
Tgt Ion: 82 Resp: 1108076
Ion Ratio Lower Upper
82 100
128 37.5 31.3 46.9
54 61.1 49.8 74.8



#32
Benzoic acid
Concen: 7.351 ng
RT: 9.986 min Scan# 1173
Delta R.T. -0.007 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion: 122 Resp: 144
Ion Ratio Lower Upper
122 100
105 121.4 112.6 152.6
77 185.2 90.2 130.2#

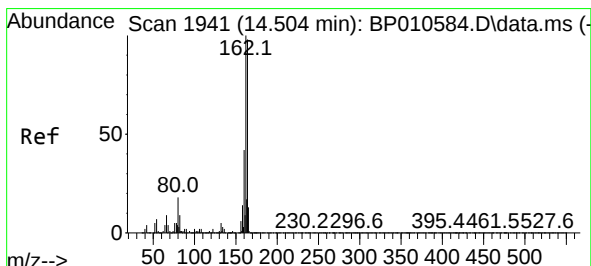
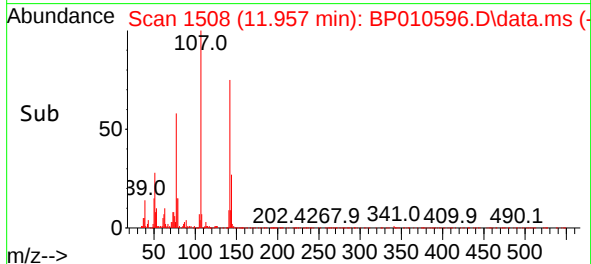
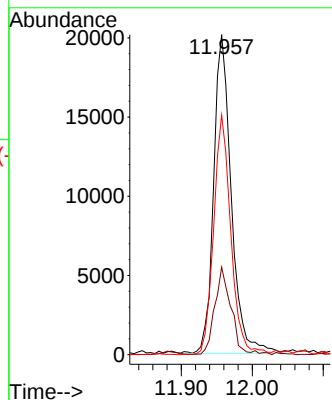
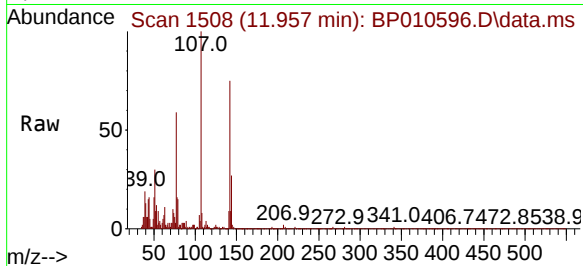




#36
4-Chloro-3-methylphenol
Concen: 4.278 ng
RT: 11.957 min Scan# 1508
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

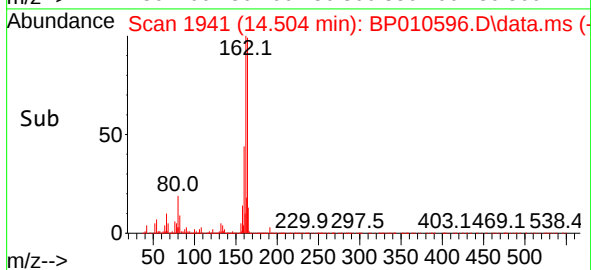
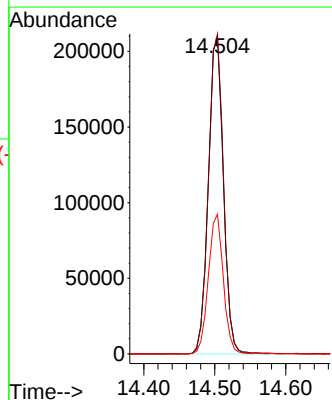
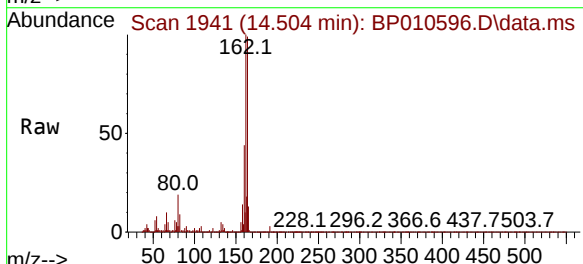
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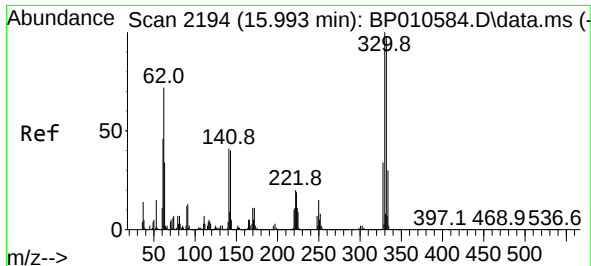
Tgt Ion:107 Resp: 34678
Ion Ratio Lower Upper
107 100
144 27.3 19.8 29.6
142 74.8 59.0 88.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:164 Resp: 309846
Ion Ratio Lower Upper
164 100
162 100.9 81.9 122.9
160 44.1 34.6 51.8

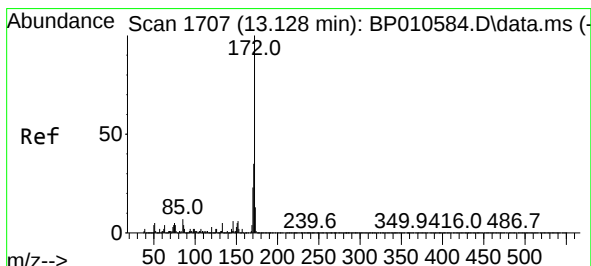
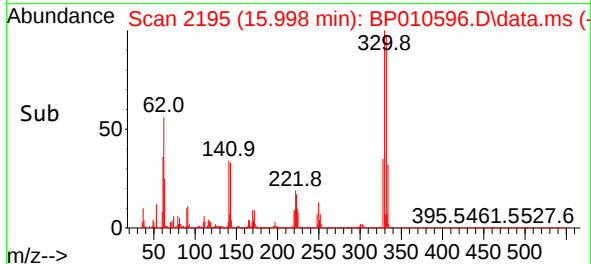
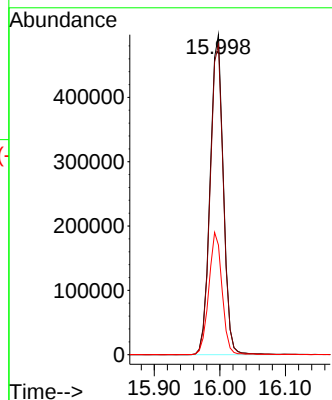
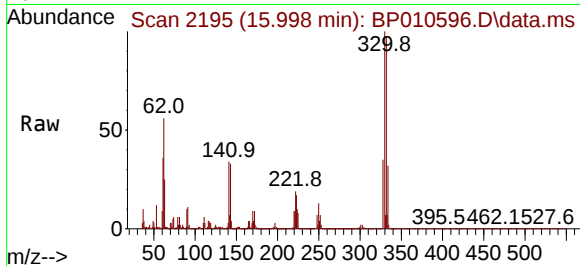




#42
2,4,6-Tribromophenol
Concen: 198.531 ng
RT: 15.998 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

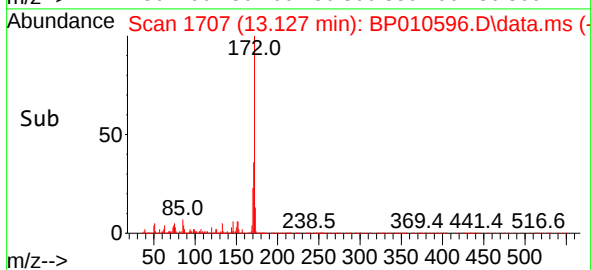
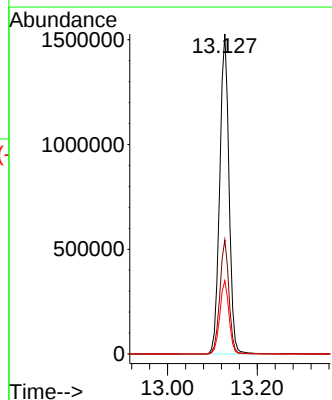
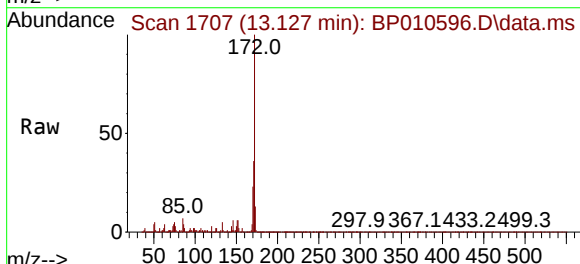
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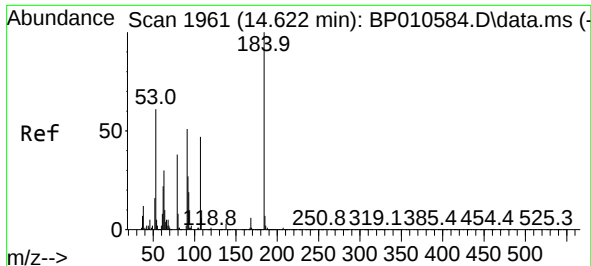
Tgt Ion:330 Resp: 696312
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 38.3 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 100.793 ng
RT: 13.127 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:172 Resp: 2200501
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 22.9 18.2 27.2

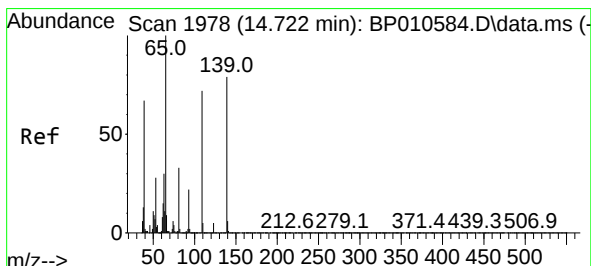
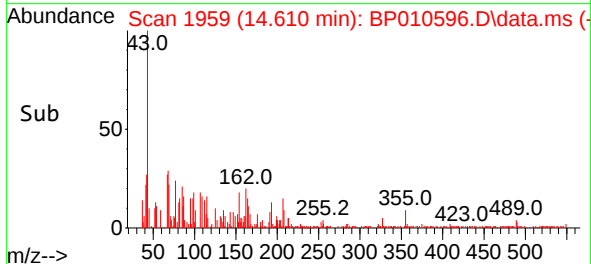
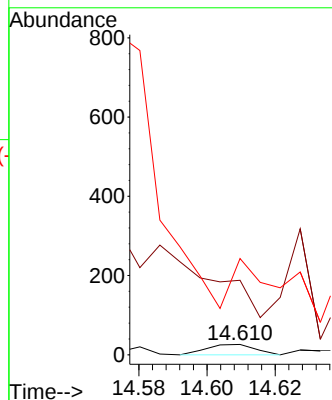
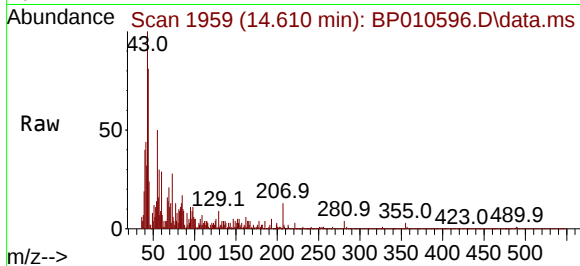




#54
2,4-Dinitrophenol
Concen: 6.654 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

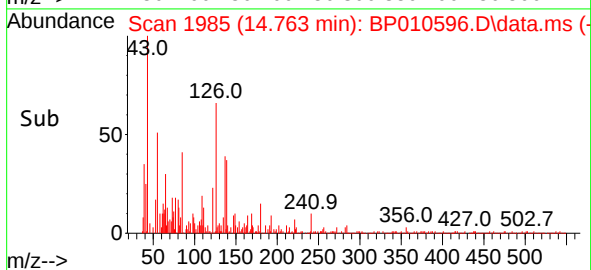
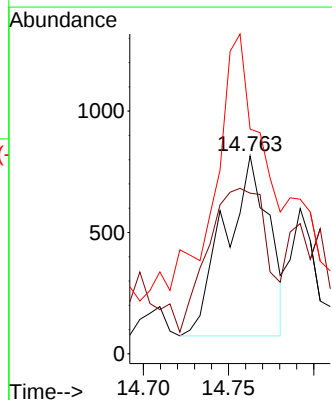
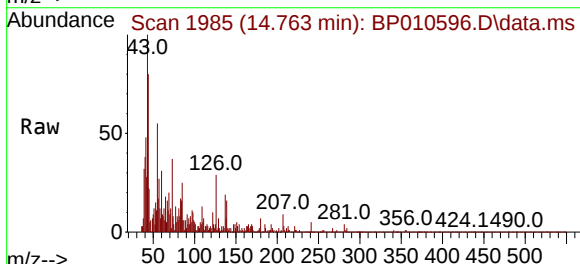
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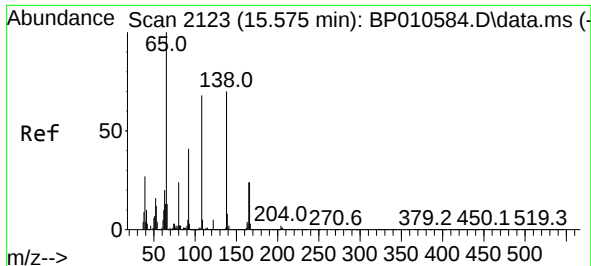
Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 723.1 65.4 98.2#
154 934.6 55.4 83.2#



#56
4-Nitrophenol
Concen: 3.925 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.041 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:139 Resp: 1343
Ion Ratio Lower Upper
139 100
109 81.2 70.6 110.6
65 113.6 106.6 146.6

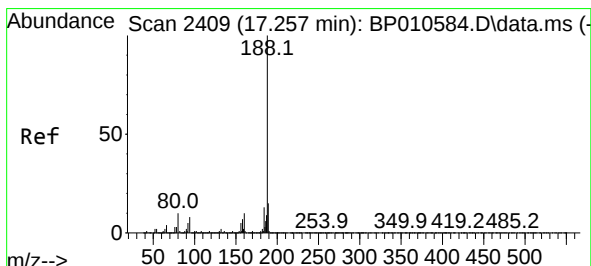
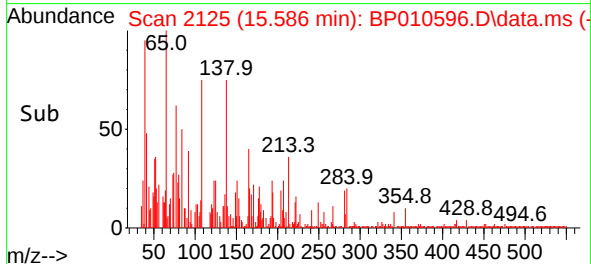
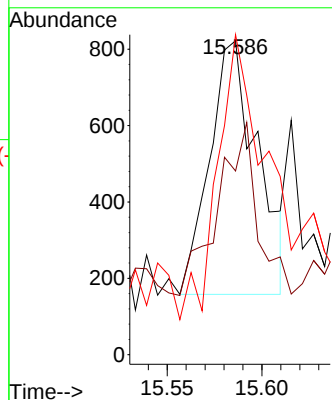
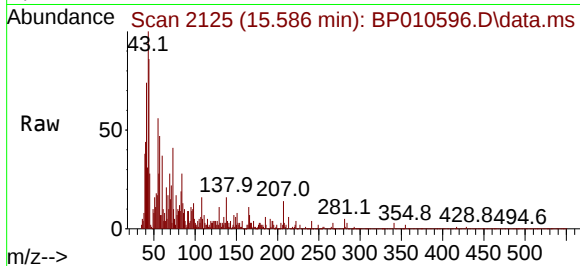




#62
4-Nitroaniline
Concen: 2.359 ng
RT: 15.586 min Scan# 2123
Delta R.T. 0.011 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

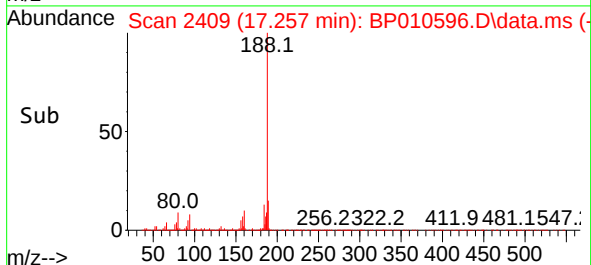
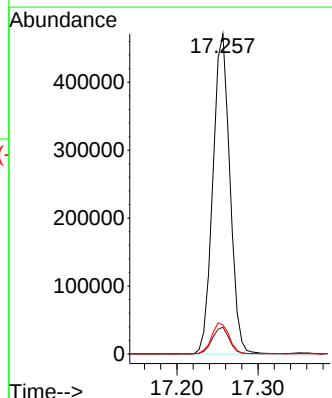
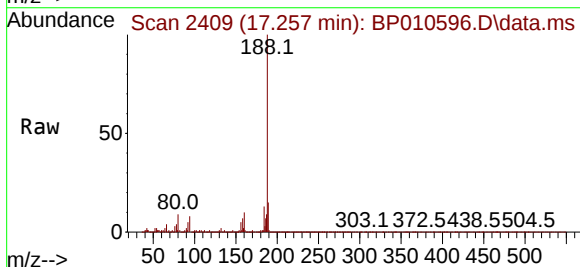
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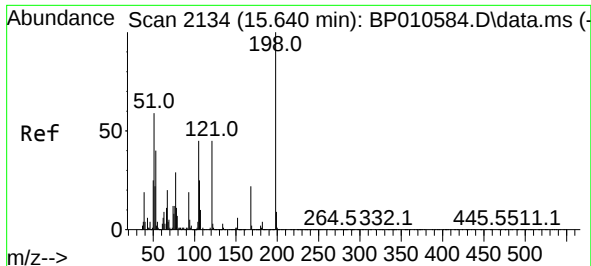
Tgt Ion:138 Resp: 1170
Ion Ratio Lower Upper
138 100
92 58.5 38.0 78.0
108 101.9 77.6 117.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:188 Resp: 685721
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.0 8.0 12.0

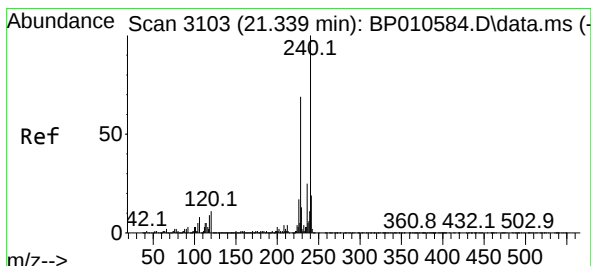
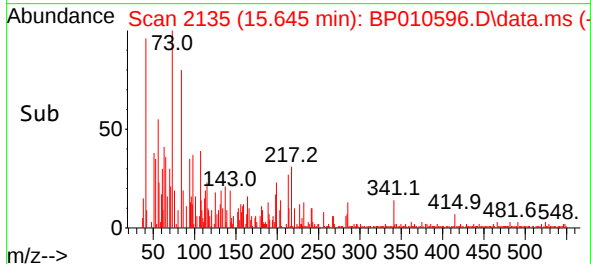
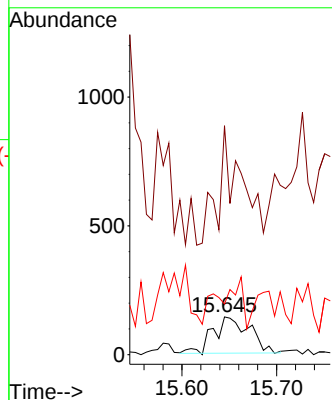
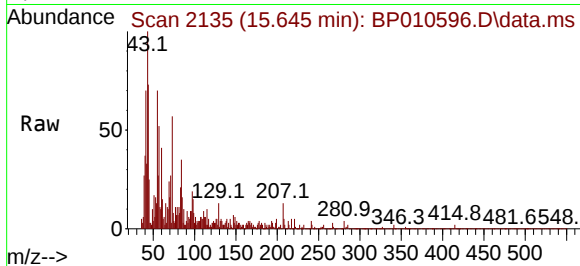




#65
4,6-Dinitro-2-methylphenol
Concen: 4.681 ng
RT: 15.645 min Scan# 2134
Delta R.T. 0.005 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

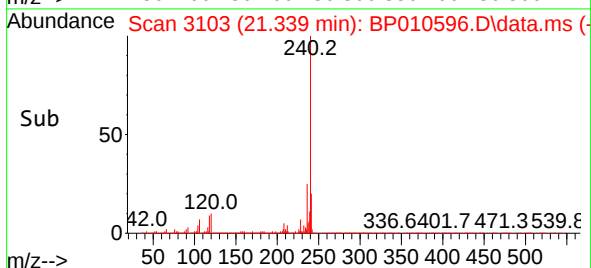
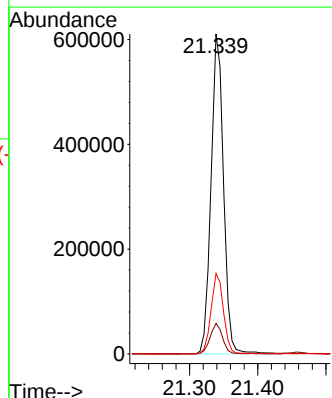
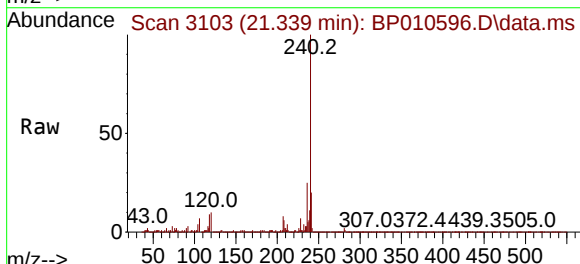
Instrument :
BNA_P
ClientSampleId :
RB-220517

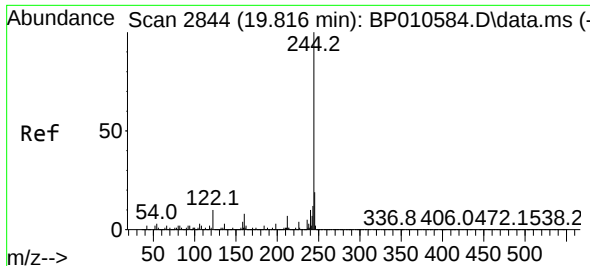
Tgt Ion:198 Resp: 378
Ion Ratio Lower Upper
198 100
51 604.8 41.2 81.2#
105 134.0 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:240 Resp: 780638
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.2 19.8 29.6

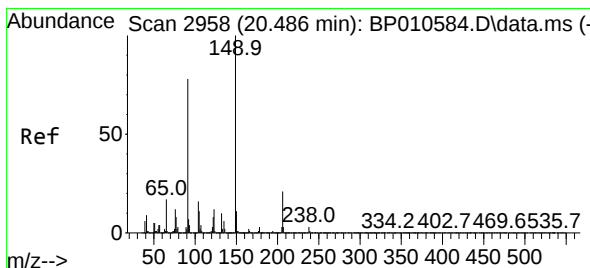
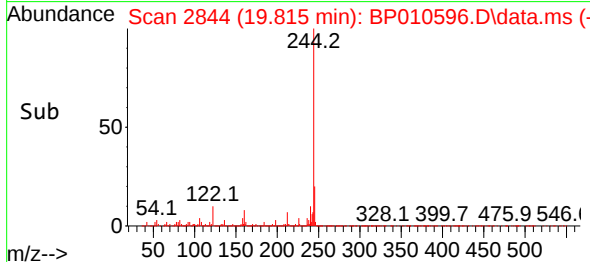
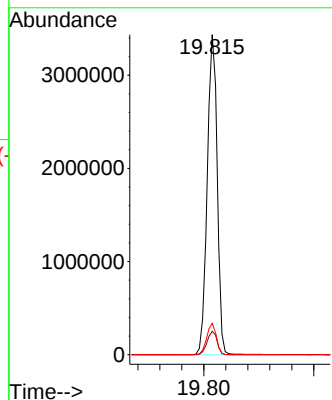
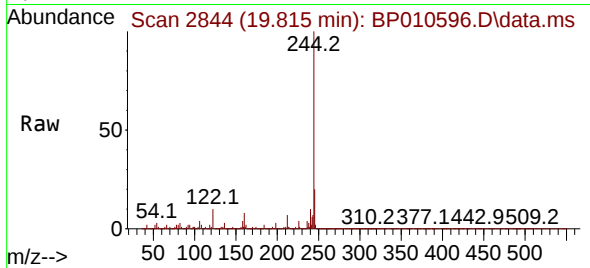




#79
 Terphenyl-d14
 Concen: 103.474 ng
 RT: 19.815 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BP010596.D
 Acq: 28 May 2022 12:53

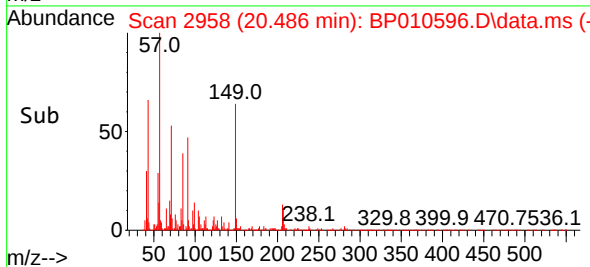
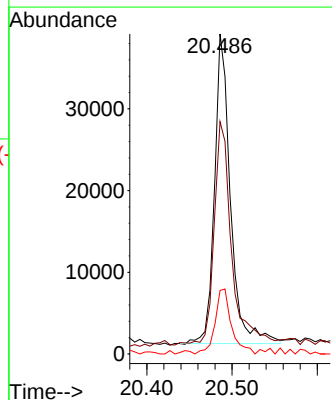
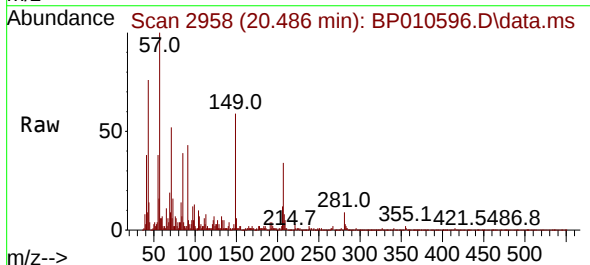
Instrument :
 BNA_P
 ClientSampleId :
 RB-220517

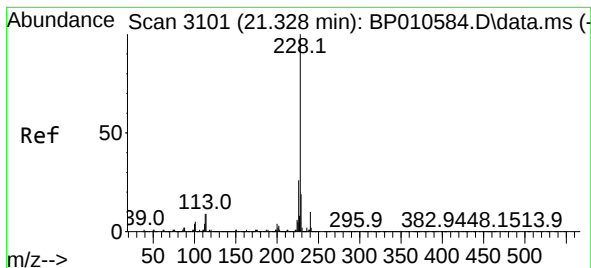
Tgt Ion:244 Resp: 4300475
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.8 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 2.307 ng
 RT: 20.486 min Scan# 2958
 Delta R.T. -0.001 min
 Lab File: BP010596.D
 Acq: 28 May 2022 12:53

Tgt Ion:149 Resp: 49431
 Ion Ratio Lower Upper
 149 100
 91 72.6 62.5 93.7
 206 19.8 17.0 25.4





#81

Benzo(a)anthracene

Concen: 2.647 ng

RT: 21.327 min Scan# 3101

Delta R.T. -0.001 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

Instrument :

BNA_P

ClientSampleId :

RB-220517

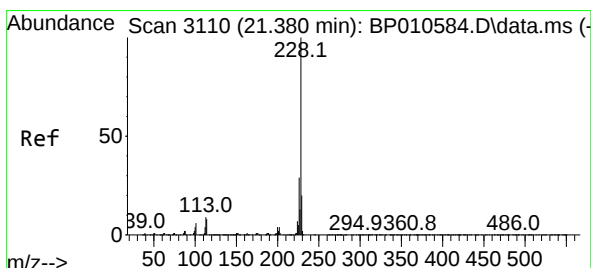
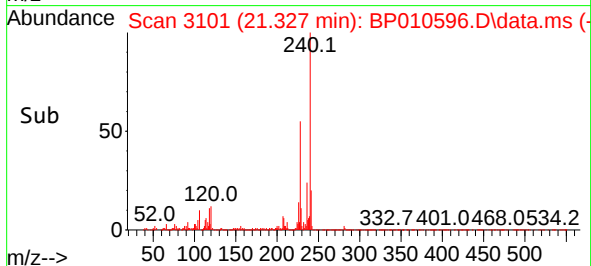
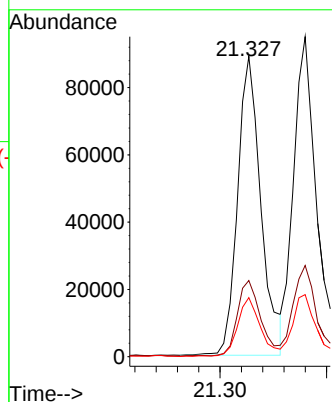
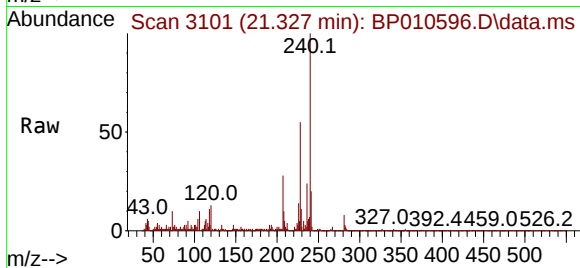
Tgt Ion:228 Resp: 135562

Ion Ratio Lower Upper

228 100

226 25.4 20.8 31.2

229 19.7 15.2 22.8



#83

Chrysene

Concen: 2.908 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.001 min

Lab File: BP010596.D

Acq: 28 May 2022 12:53

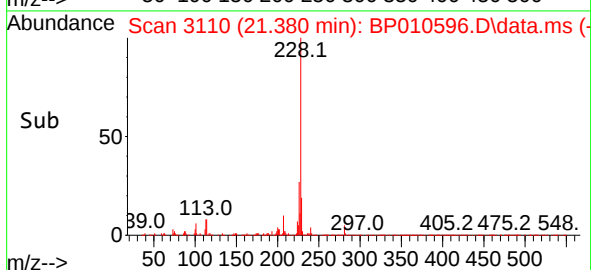
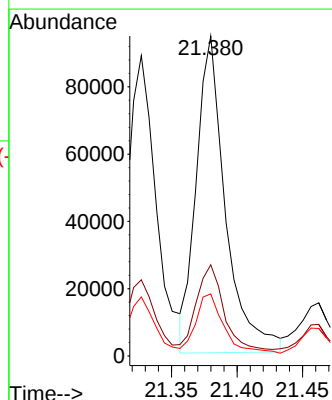
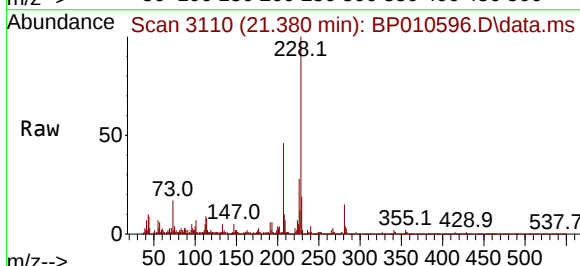
Tgt Ion:228 Resp: 146102

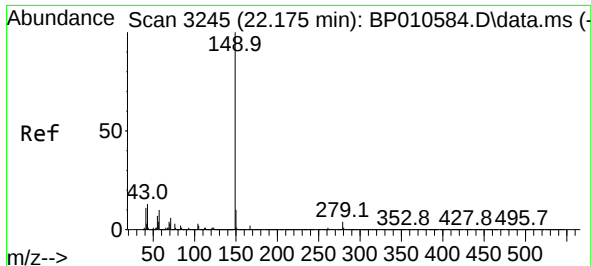
Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

229 19.4 15.7 23.5

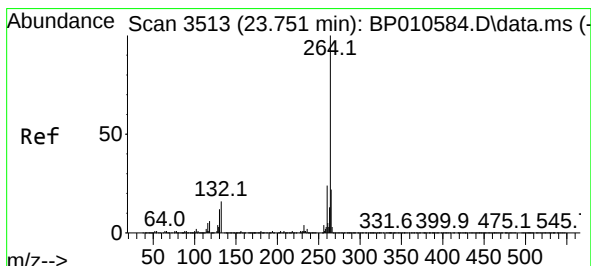
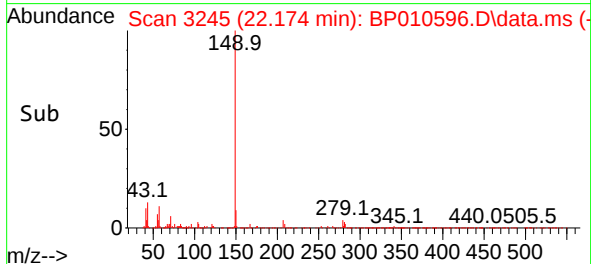
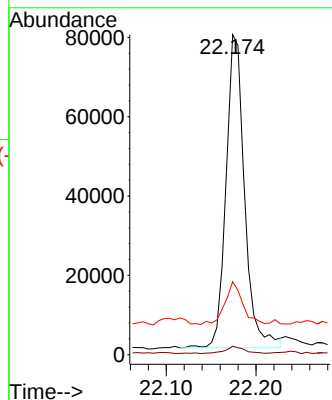
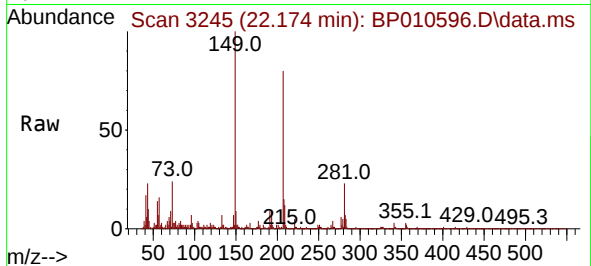




#85
Di-n-octyl phthalate
Concen: 2.256 ng
RT: 22.174 min Scan# 3114
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

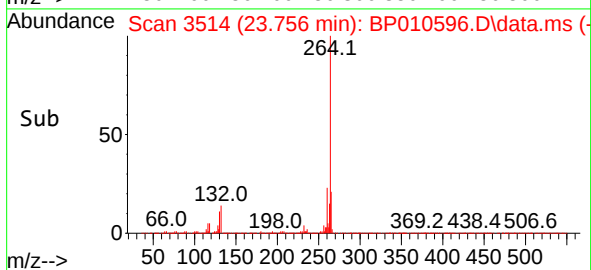
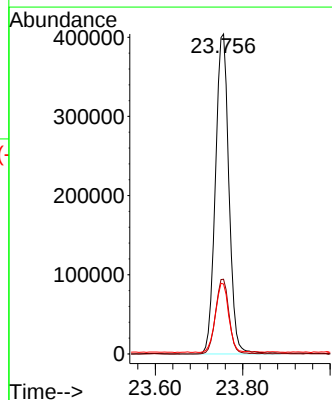
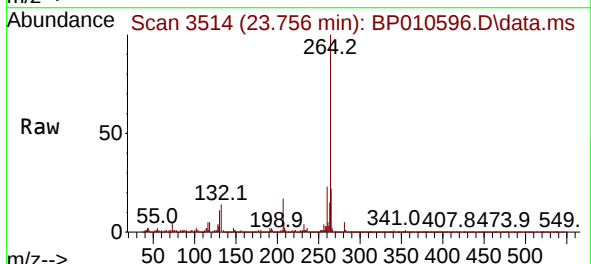
Instrument :
BNA_P
ClientSampleId :
RB-220517

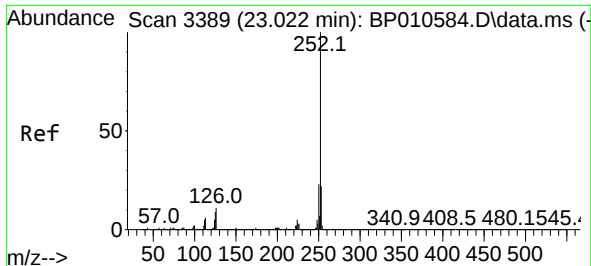
Tgt Ion:149 Resp: 113556
Ion Ratio Lower Upper
149 100
167 2.5 1.3 1.9#
43 12.9 10.0 15.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.756 min Scan# 3514
Delta R.T. 0.005 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:264 Resp: 866766
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.8 18.0 27.0

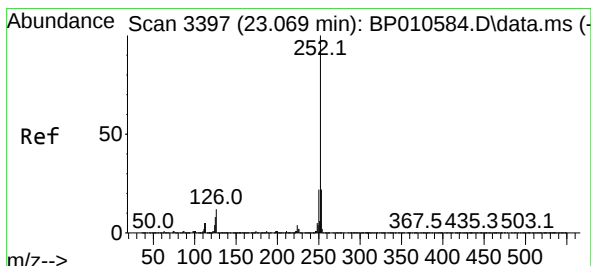
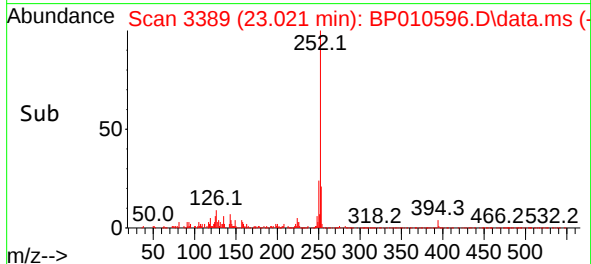
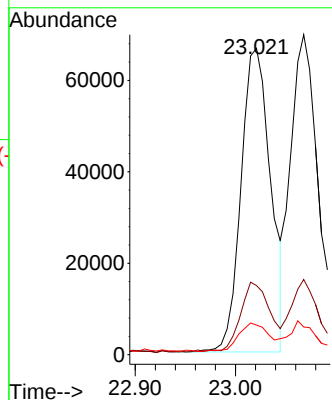
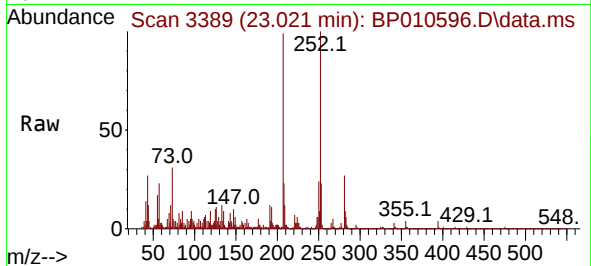




#88
Benzo(b)fluoranthene
Concen: 2.502 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

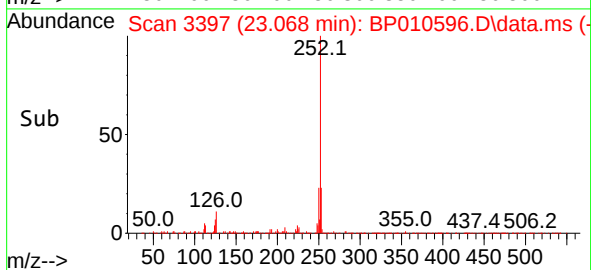
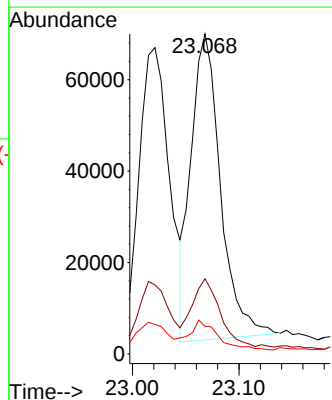
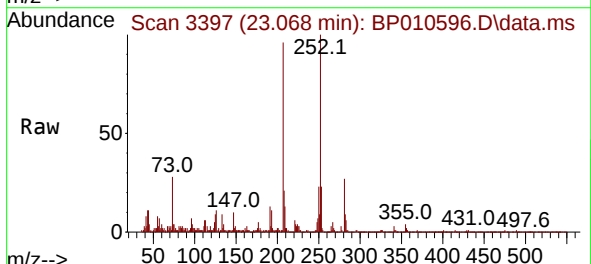
Instrument :
BNA_P
ClientSampleId :
RB-220517

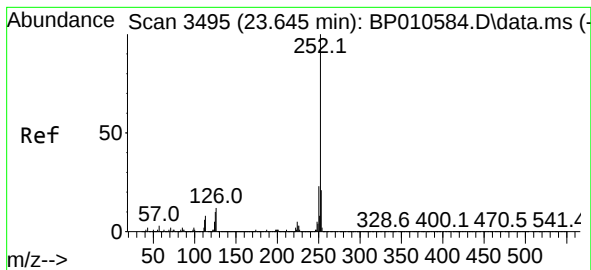
Tgt Ion:252 Resp: 136536
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.7 7.0 10.6



#89
Benzo(k)fluoranthene
Concen: 2.327 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.001 min
Lab File: BP010596.D
Acq: 28 May 2022 12:53

Tgt Ion:252 Resp: 128720
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 8.7 7.0 10.4





#90

Benzo(a)pyrene

Concen: 3.012 ng

RT: 23.645 min Scan# 34

Delta R.T. -0.001 min

Lab File: BP010596.D

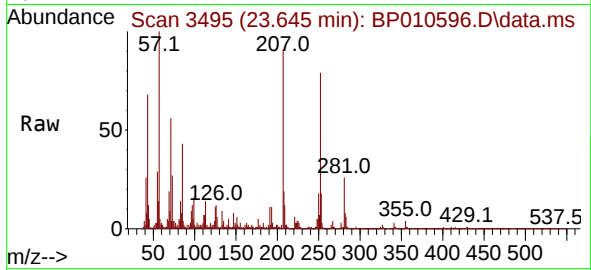
Acq: 28 May 2022 12:53

Instrument :

BNA_P

ClientSampleId :

RB-220517



Tgt Ion:252 Resp: 135952

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 14.5 7.9 11.9#

