

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010676.D
 Acq On : 02 Jun 2022 17:57
 Operator : CG/JU
 Sample : N2988-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P015-SS002-0006-01

Quant Time: Jun 03 00:53:10 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)

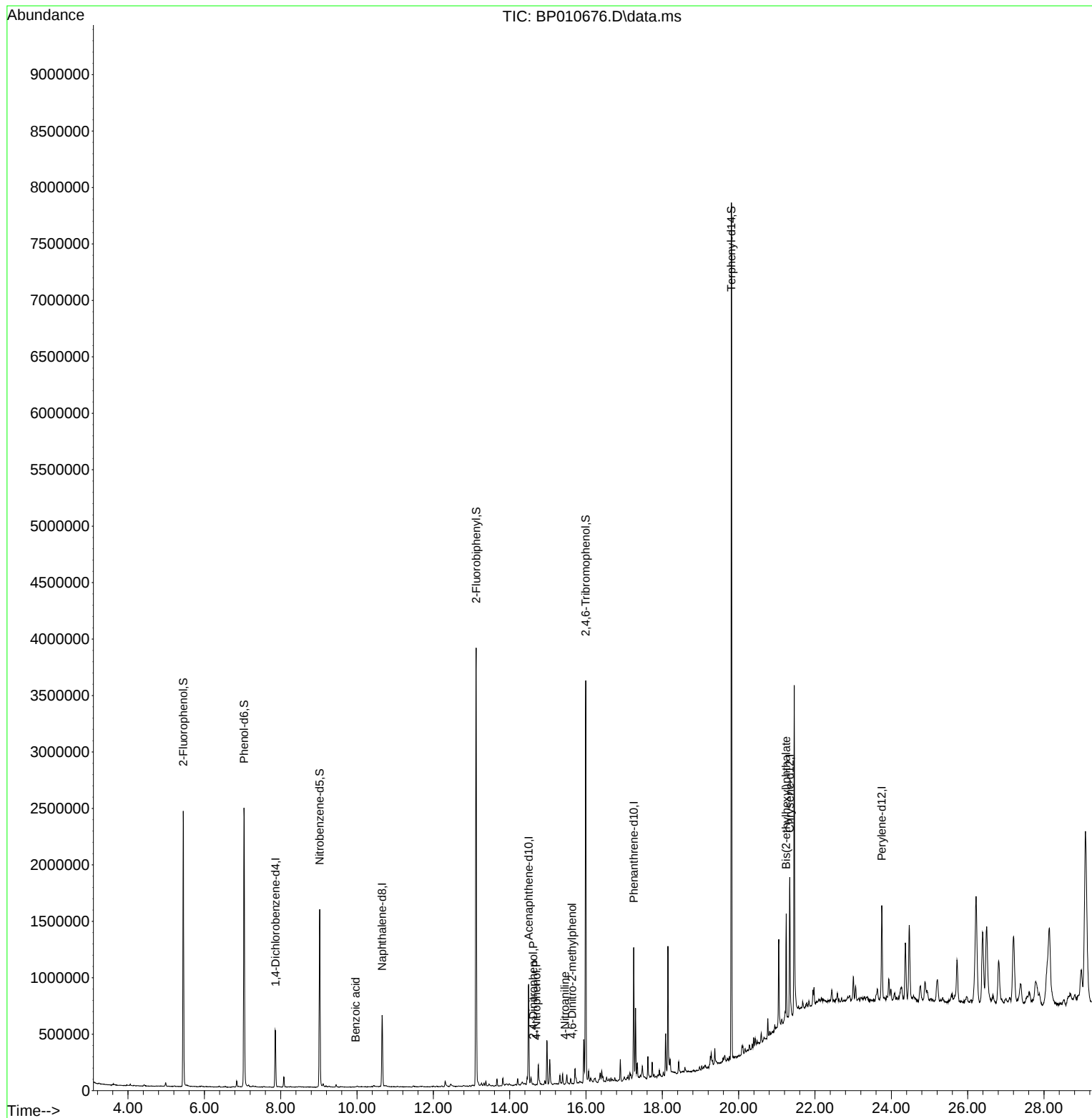
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	132851	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	509343	20.000	ng	-0.01
39) Acenaphthene-d10	14.498	164	318571	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	647365	20.000	ng	0.00
76) Chrysene-d12	21.339	240	600566	20.000	ng	0.00
86) Perylene-d12	23.751	264	610067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	937219	128.699	ng	0.00
7) Phenol-d6	7.040	99	1340067	129.621	ng	0.00
23) Nitrobenzene-d5	9.022	82	884559	82.107	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	644913	178.840	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1962518	87.431	ng	0.00
79) Terphenyl-d14	19.810	244	3464488	108.354	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.963	122	757	7.462	ng	87
54) 2,4-Dinitrophenol	14.616	184	36	6.657	ng	# 1
56) 4-Nitrophenol	14.698	139	191	3.642	ng	# 1
62) 4-Nitroaniline	15.451	138	235	2.177	ng	96
65) 4,6-Dinitro-2-methylph...	15.634	198	35	4.610	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.245	149	276330	11.893	ng	99

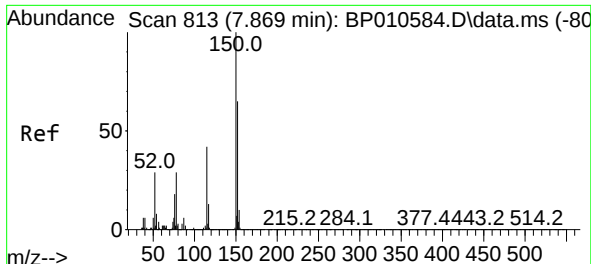
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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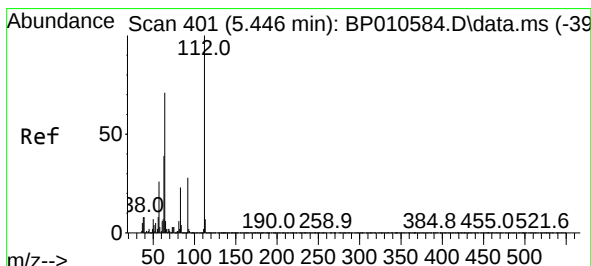
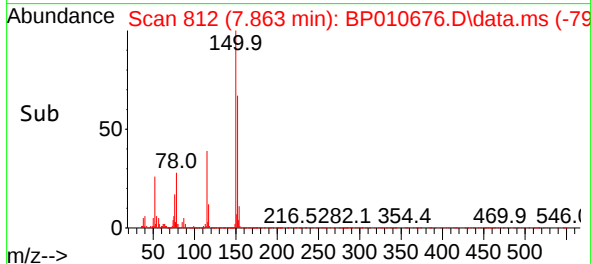
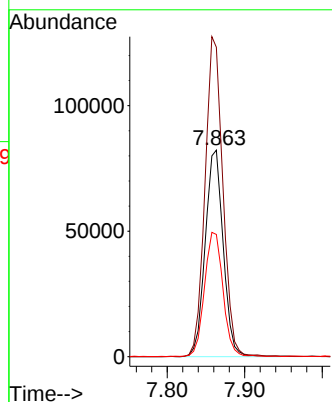
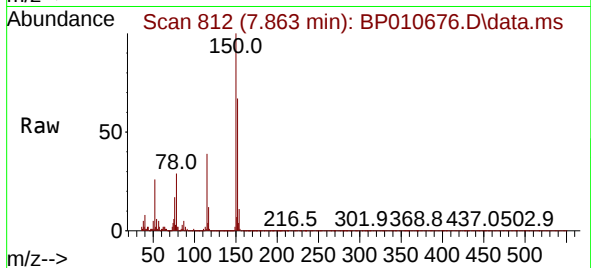




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BP010676.D
 Acq: 02 Jun 2022 17:57

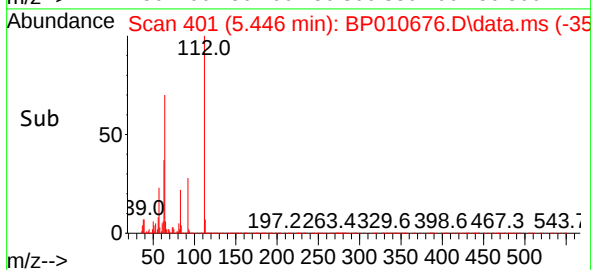
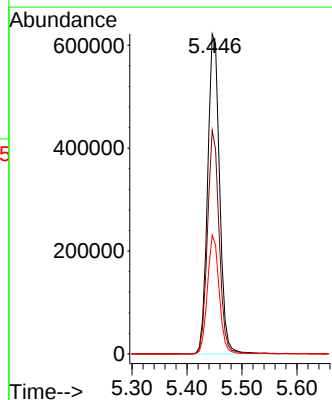
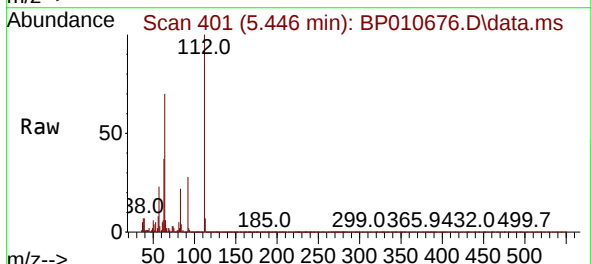
Instrument :
 BNA_P
 ClientSampleId :
 P015-SS002-0006-01

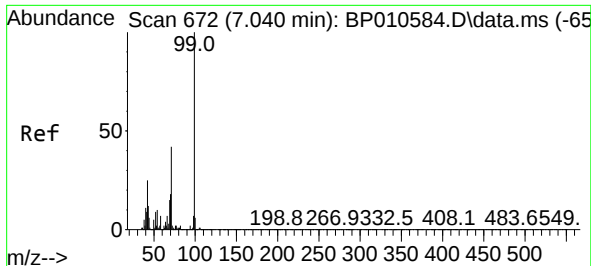
Tgt Ion:152 Resp: 132851
 Ion Ratio Lower Upper
 152 100
 150 149.8 123.4 185.2
 115 59.2 51.3 76.9



#5
 2-Fluorophenol
 Concen: 128.699 ng
 RT: 5.446 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: BP010676.D
 Acq: 02 Jun 2022 17:57

Tgt Ion:112 Resp: 937219
 Ion Ratio Lower Upper
 112 100
 64 69.9 56.9 85.3
 63 37.2 31.2 46.8

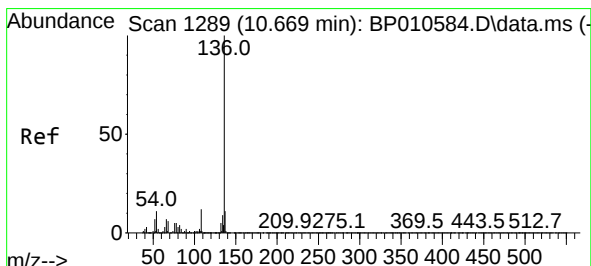
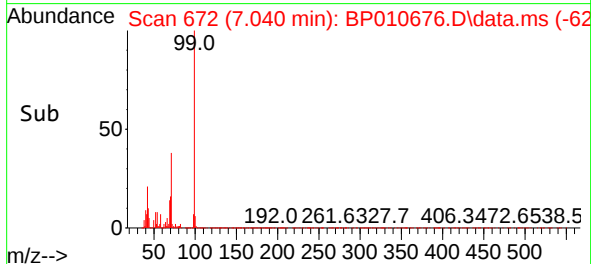
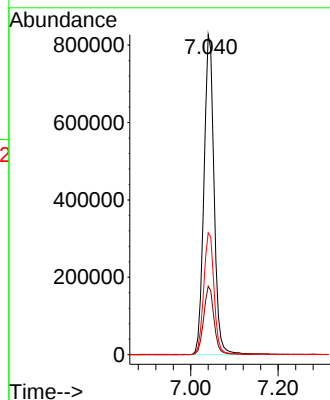
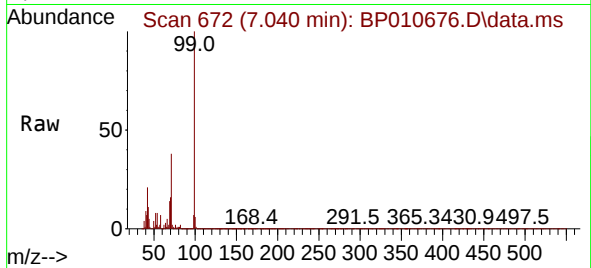




#7
Phenol-d6
Concen: 129.621 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

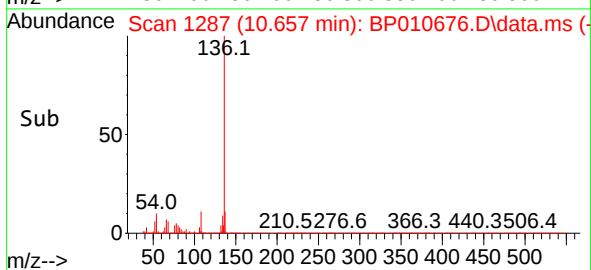
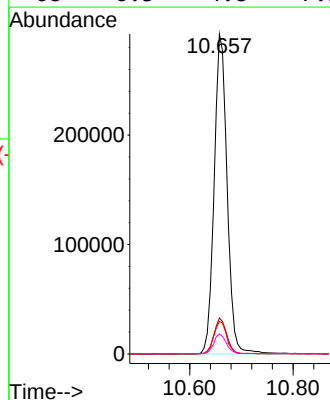
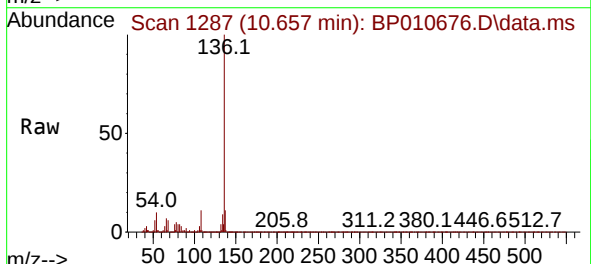
Instrument :
BNA_P
ClientSampleId :
P015-SS002-0006-01

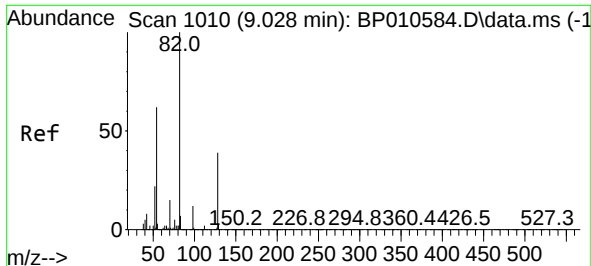
Tgt Ion: 99 Resp: 1340067
Ion Ratio Lower Upper
99 100
42 21.4 20.3 30.5
71 38.1 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

Tgt Ion:136 Resp: 509343
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.2 8.7 13.1
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 82.107 ng

RT: 9.022 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BP010676.D

Acq: 02 Jun 2022 17:57

Instrument :

BNA_P

ClientSampleId :

P015-SS002-0006-01

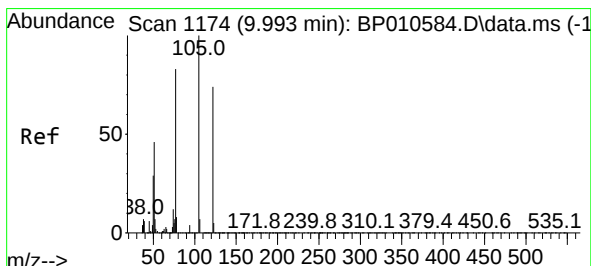
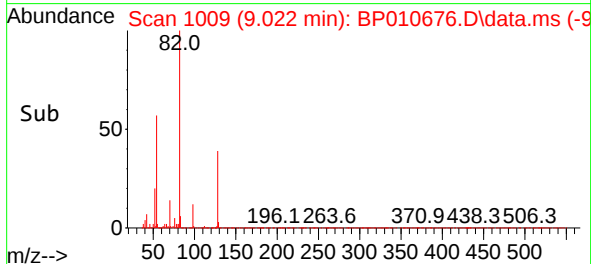
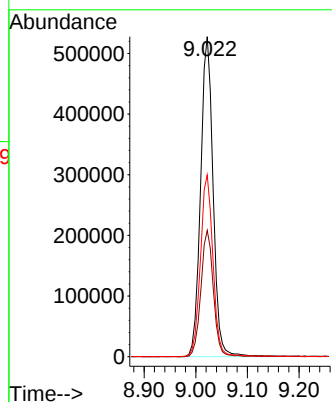
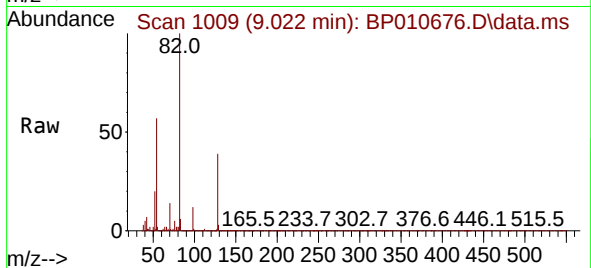
Tgt Ion: 82 Resp: 884559

Ion Ratio Lower Upper

82 100

128 39.5 31.3 46.9

54 56.8 49.8 74.8



#32

Benzoic acid

Concen: 7.462 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.030 min

Lab File: BP010676.D

Acq: 02 Jun 2022 17:57

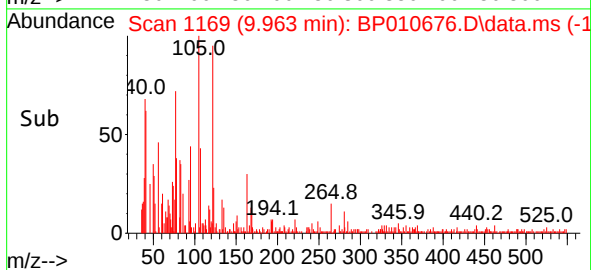
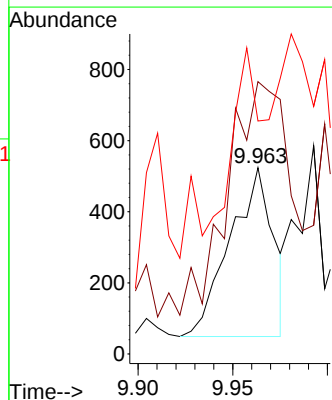
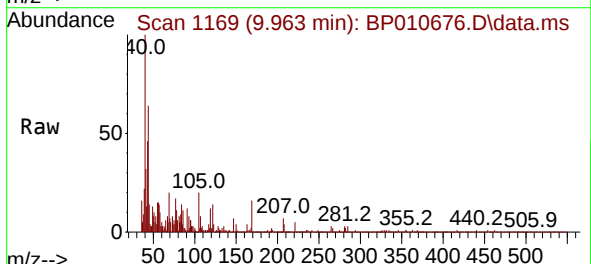
Tgt Ion: 122 Resp: 757

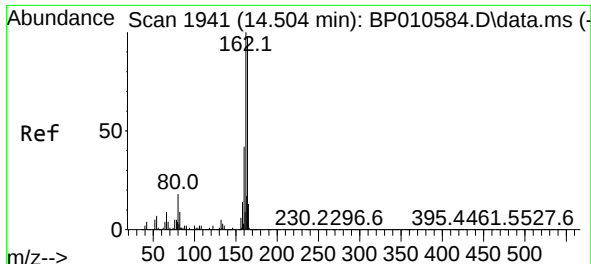
Ion Ratio Lower Upper

122 100

105 146.2 112.6 152.6

77 125.0 90.2 130.2

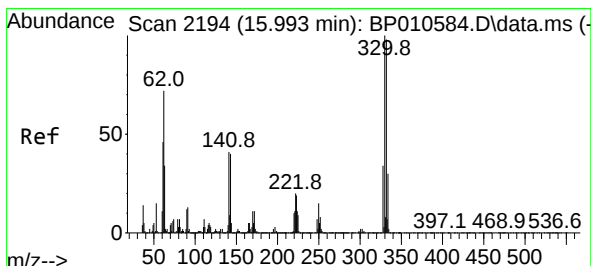
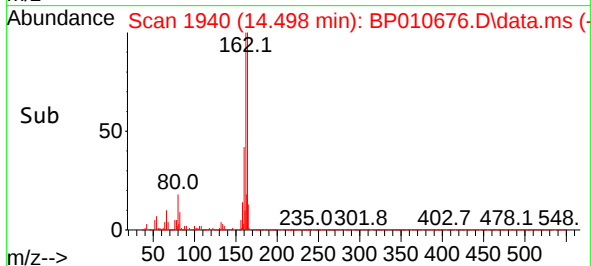
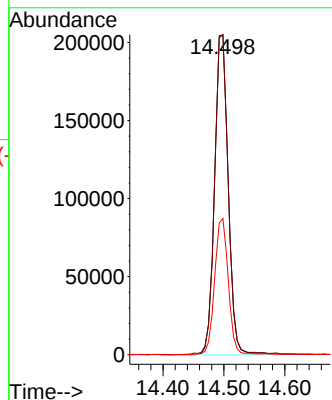
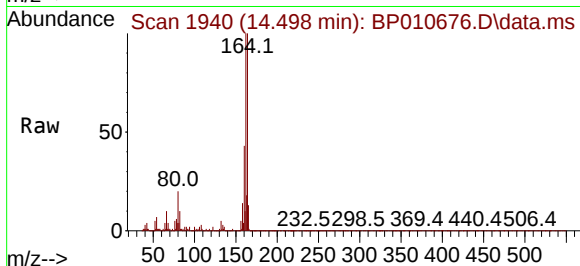




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

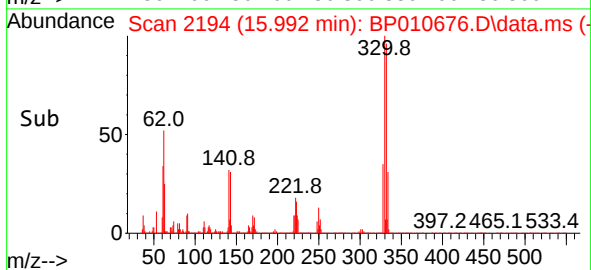
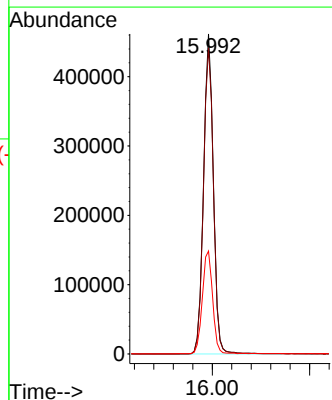
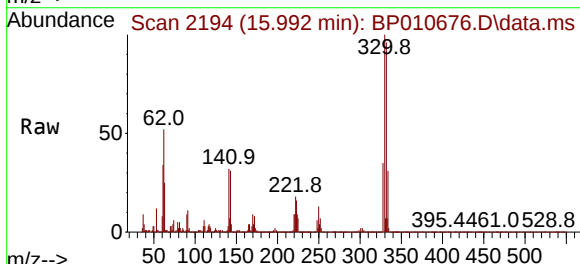
Instrument :
BNA_P
ClientSampleId :
P015-SS002-0006-01

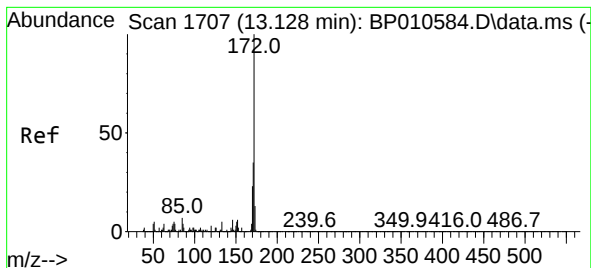
Tgt Ion:164 Resp: 318571
Ion Ratio Lower Upper
164 100
162 100.1 81.9 122.9
160 42.6 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 178.840 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

Tgt Ion:330 Resp: 644913
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 33.4 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 87.431 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010676.D

Acq: 02 Jun 2022 17:57

Instrument :

BNA_P

ClientSampleId :

P015-SS002-0006-01

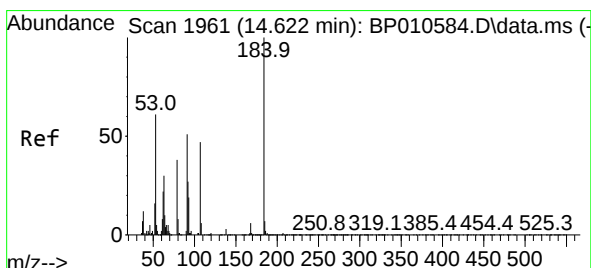
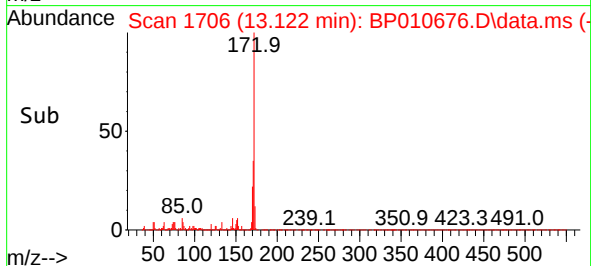
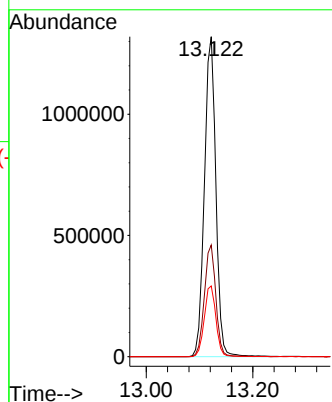
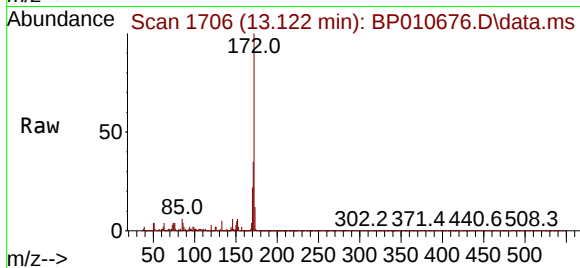
Tgt Ion:172 Resp: 1962518

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 22.1 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.657 ng

RT: 14.616 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BP010676.D

Acq: 02 Jun 2022 17:57

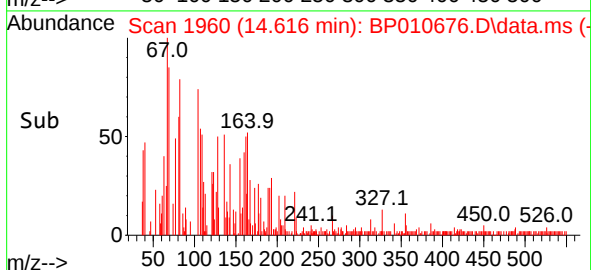
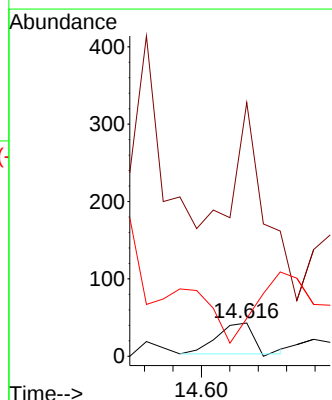
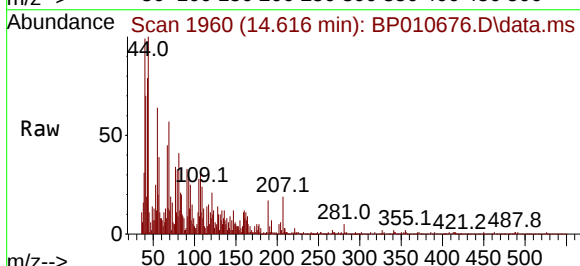
Tgt Ion:184 Resp: 36

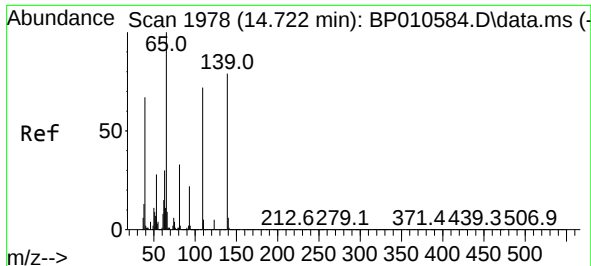
Ion Ratio Lower Upper

184 100

63 762.8 65.4 98.2#

154 114.0 55.4 83.2#

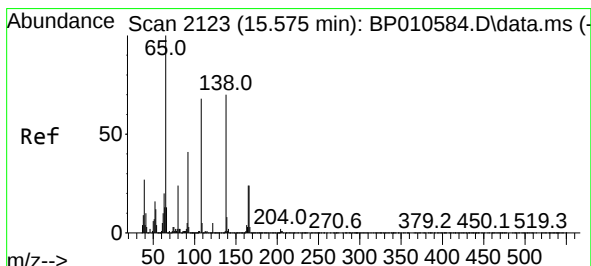
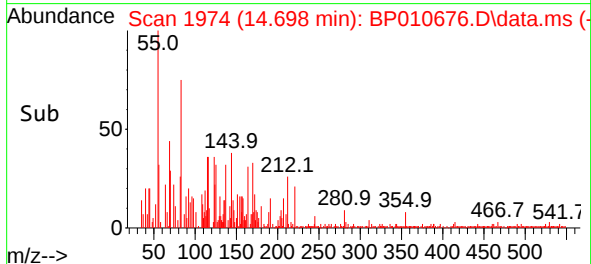
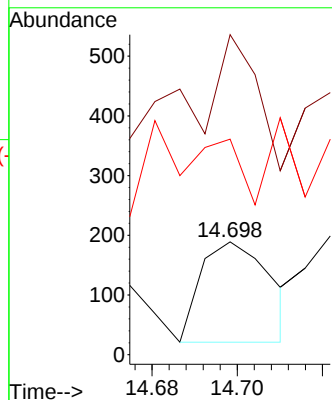
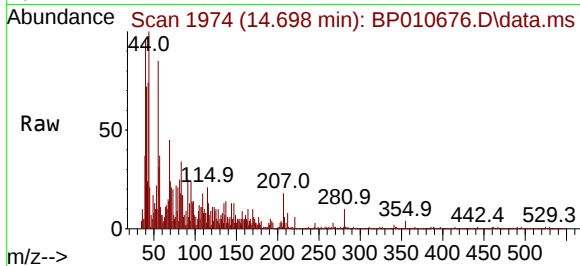




#56
4-Nitrophenol
Concen: 3.642 ng
RT: 14.698 min Scan# 1978
Delta R.T. -0.024 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

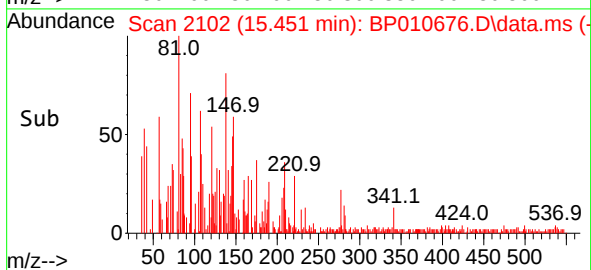
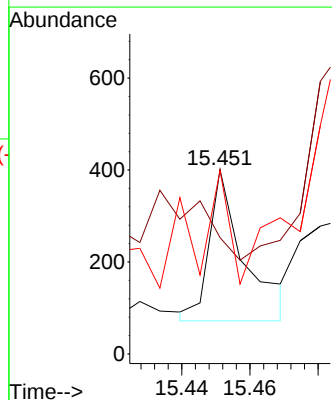
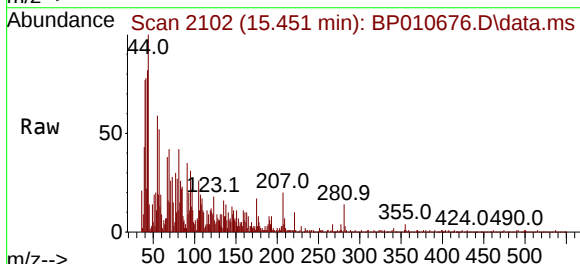
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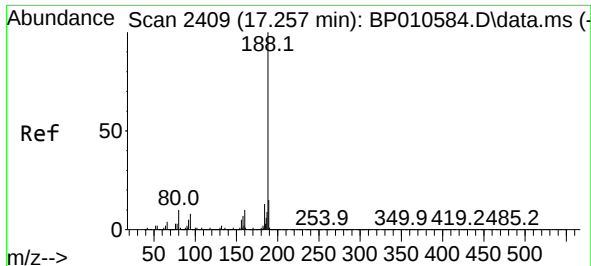
Tgt Ion:139 Resp: 191
Ion Ratio Lower Upper
139 100
109 283.6 70.6 110.6#
65 191.0 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.177 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.124 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

Tgt Ion:138 Resp: 235
Ion Ratio Lower Upper
138 100
92 63.1 38.0 78.0
108 99.5 77.6 117.6

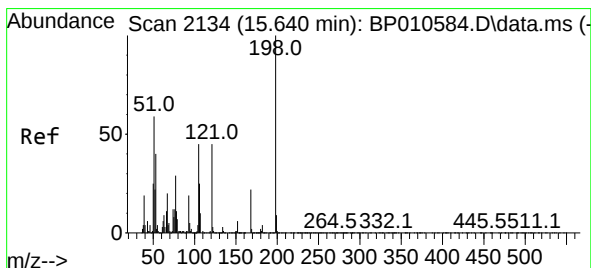
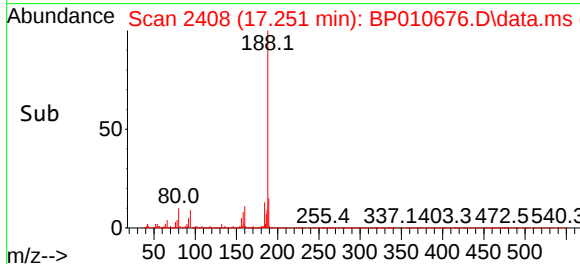
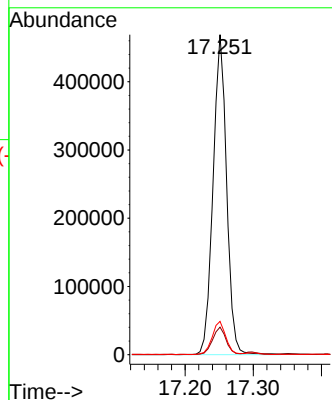
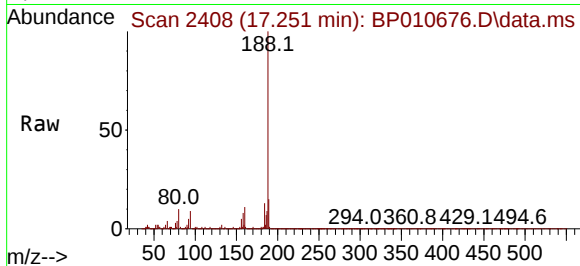




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

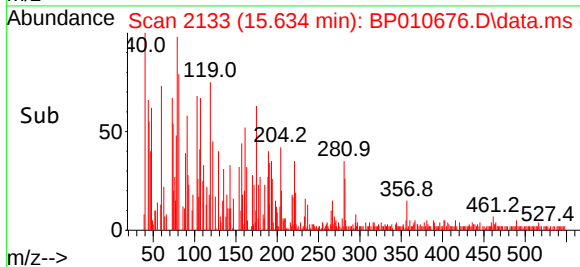
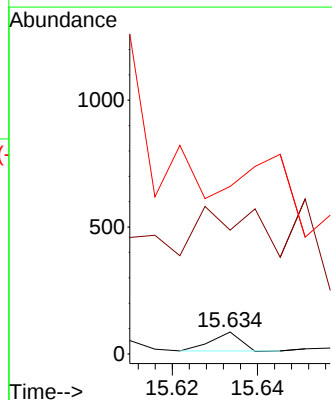
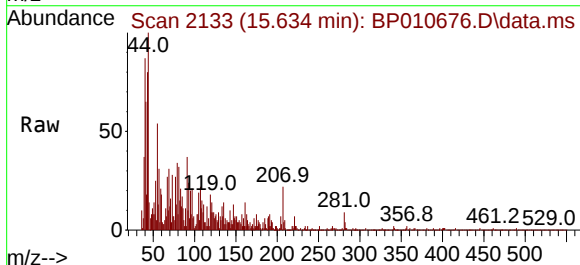
Instrument :
BNA_P
ClientSampleId :
P015-SS002-0006-01

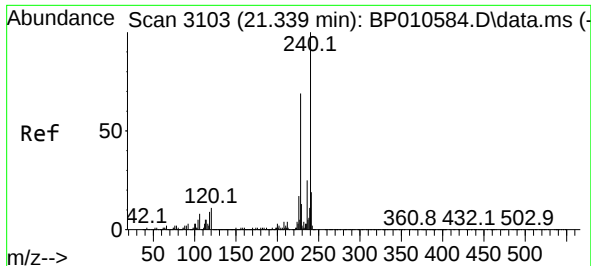
Tgt Ion:188 Resp: 647365
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 10.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.610 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 567.4 41.2 81.2#
105 767.4 25.3 65.3#

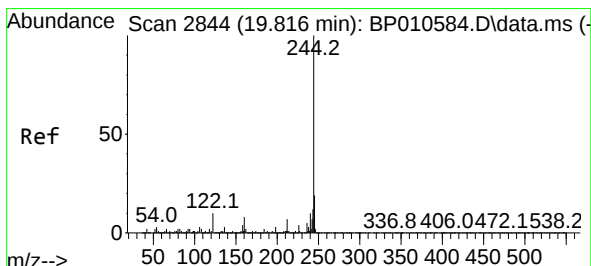
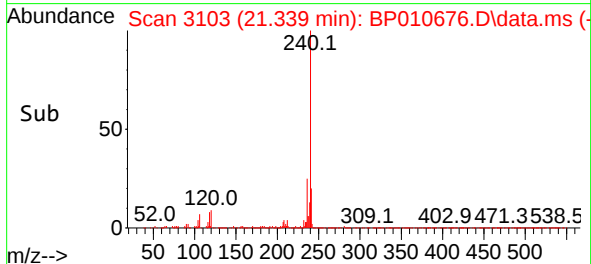
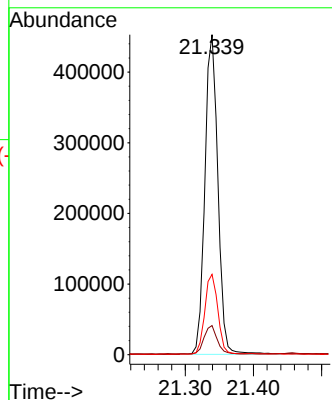
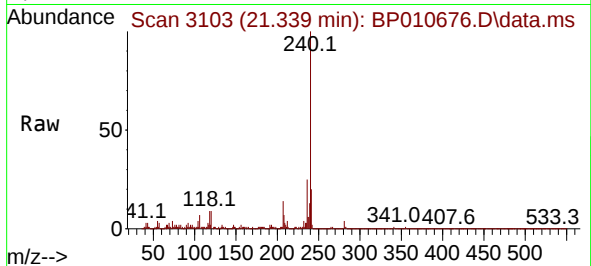




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

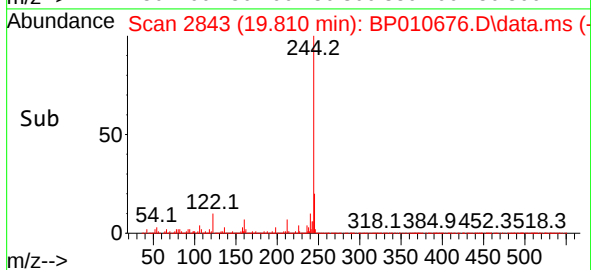
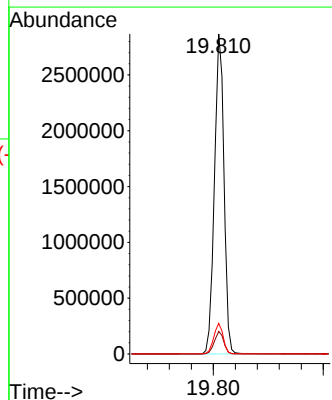
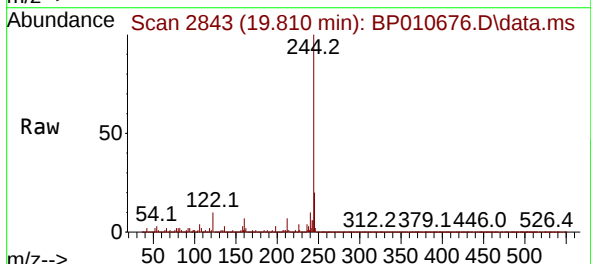
Instrument :
BNA_P
ClientSampleId :
P015-SS002-0006-01

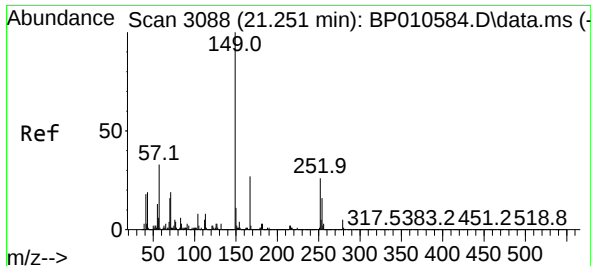
Tgt Ion:240 Resp: 600566
Ion Ratio Lower Upper
240 100
120 9.1 8.6 12.8
236 25.1 19.8 29.6



#79
Terphenyl-d14
Concen: 108.354 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010676.D
Acq: 02 Jun 2022 17:57

Tgt Ion:244 Resp: 3464488
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.6 7.6 11.4

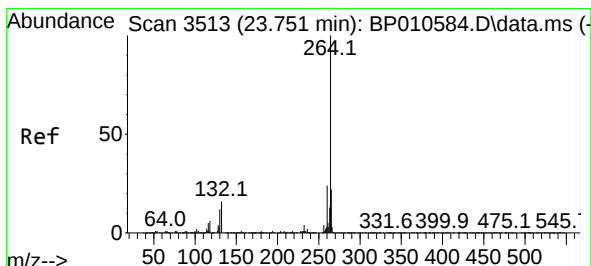
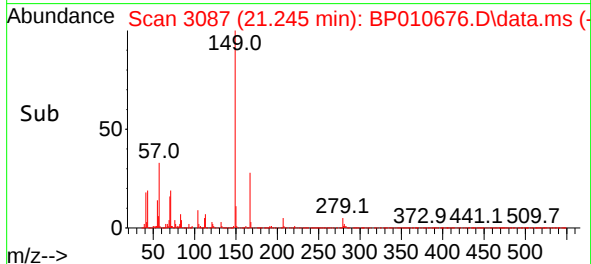
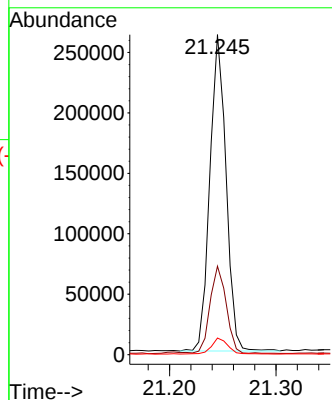
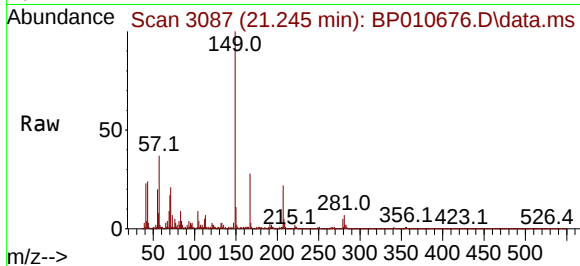




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.893 ng
 RT: 21.245 min Scan# 3088
 Delta R.T. -0.006 min
 Lab File: BP010676.D
 Acq: 02 Jun 2022 17:57

Instrument :
 BNA_P
 ClientSampleId :
 P015-SS002-0006-01

Tgt Ion:149 Resp: 276330
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.8
 279 5.2 3.7 5.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. -0.000 min
 Lab File: BP010676.D
 Acq: 02 Jun 2022 17:57

Tgt Ion:264 Resp: 610067
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 22.4 18.0 27.0

