

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010610.D
 Acq On : 28 May 2022 20:49
 Operator : CG/JU
 Sample : N2928-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P026-SS001-0612-01

Quant Time: May 28 23:38:27 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)

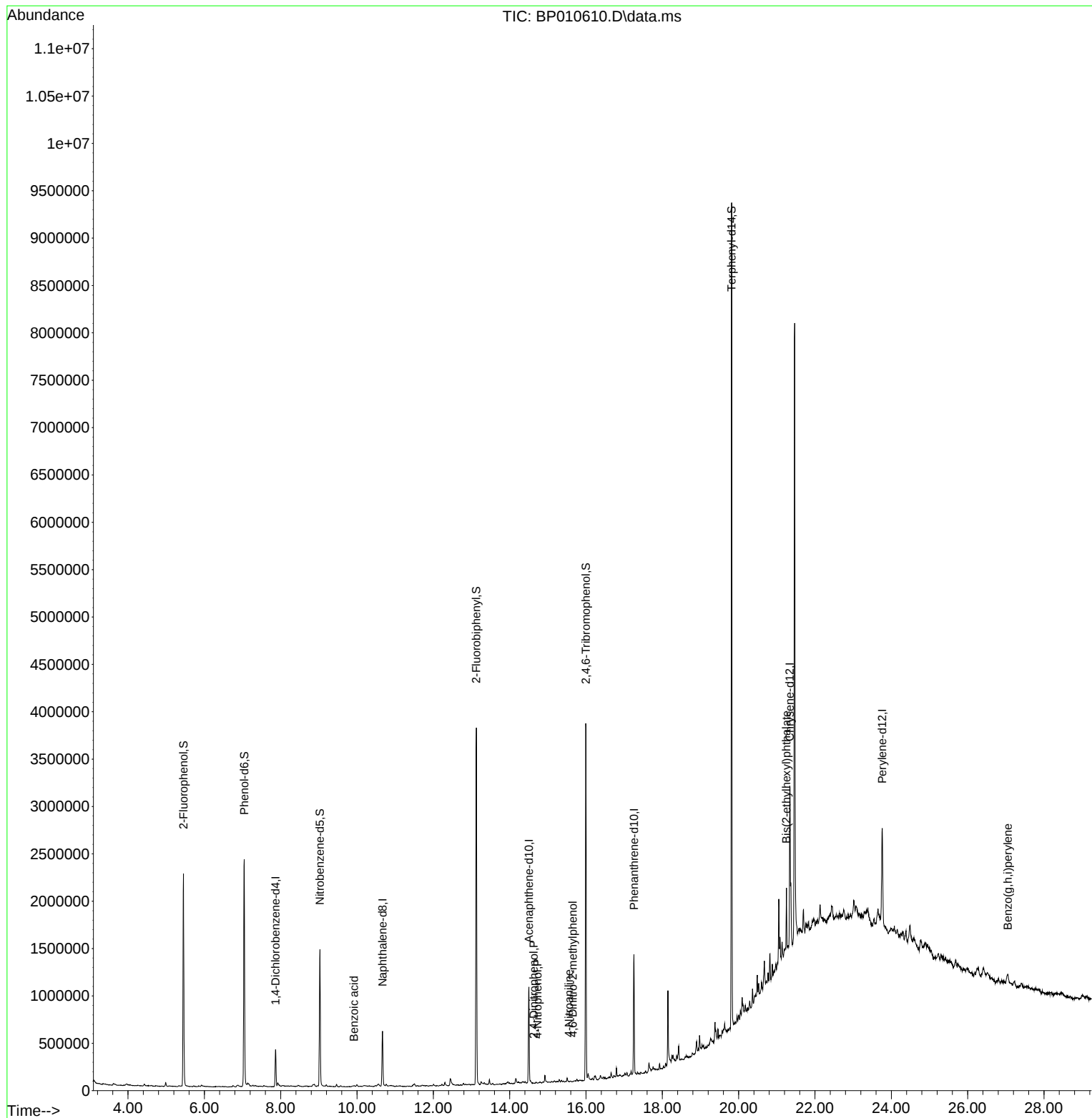
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	105694	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	477647	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	341685	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	779440	20.000	ng	0.00
76) Chrysene-d12	21.339	240	809477	20.000	ng	0.00
86) Perylene-d12	23.763	264	737077	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	909683	157.014	ng	0.00
7) Phenol-d6	7.046	99	1302583	158.369	ng	0.00
23) Nitrobenzene-d5	9.028	82	823496	81.511	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	667501	172.582	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1907430	79.228	ng	0.00
79) Terphenyl-d14	19.816	244	3762085	87.295	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.922	122	3495	8.006	ng	# 77
54) 2,4-Dinitrophenol	14.628	184	59	6.662	ng	# 1
56) 4-Nitrophenol	14.728	139	176	3.636	ng	# 22
62) 4-Nitroaniline	15.551	138	216	2.171	ng	# 81
65) 4,6-Dinitro-2-methylph...	15.657	198	151	4.630	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.251	149	195634	6.247	ng	# 99
92) Benzo(g,h,i)perylene	27.056	276	113364	2.537	ng	# 87

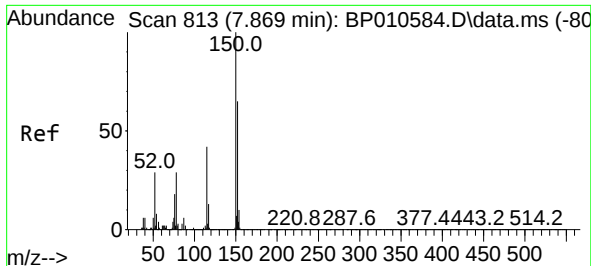
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
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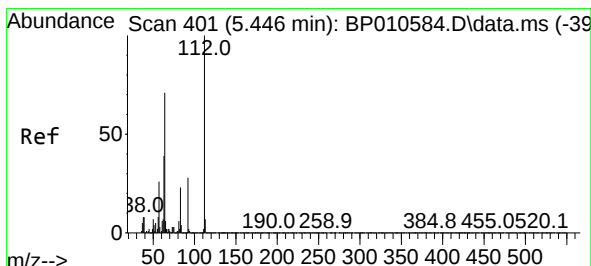
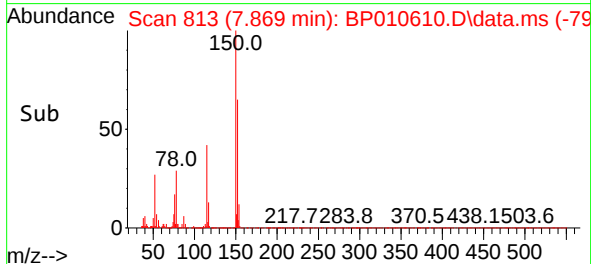
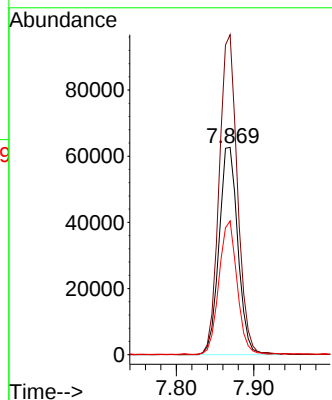
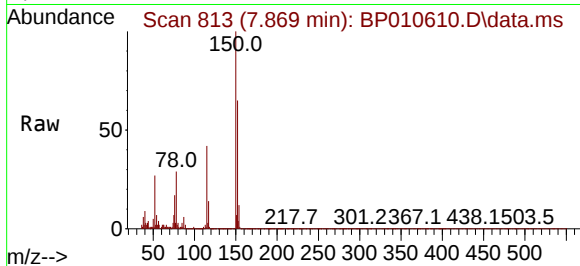




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

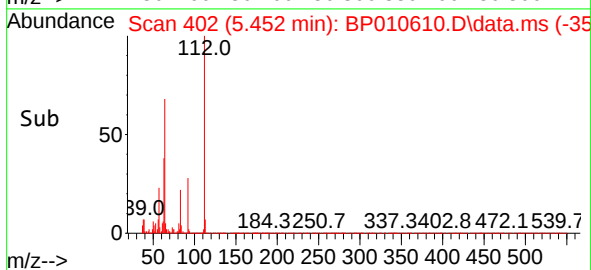
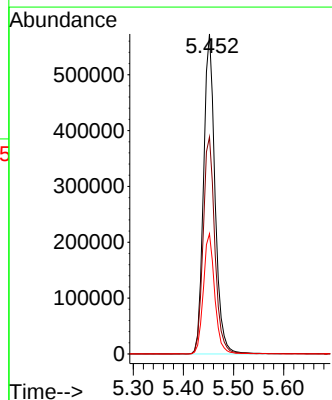
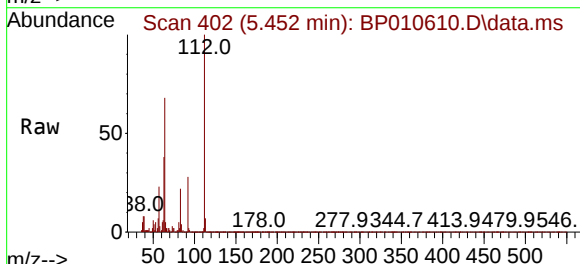
Instrument :
BNA_P
ClientSampleId :
P026-SS001-0612-01

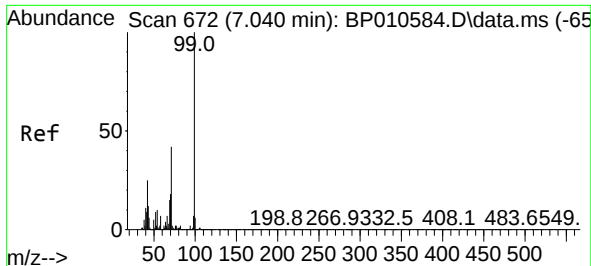
Tgt Ion:152 Resp: 105694
Ion Ratio Lower Upper
152 100
150 154.4 123.4 185.2
115 64.5 51.3 76.9



#5
2-Fluorophenol
Concen: 157.014 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

Tgt Ion:112 Resp: 909683
Ion Ratio Lower Upper
112 100
64 67.8 56.9 85.3
63 37.6 31.2 46.8

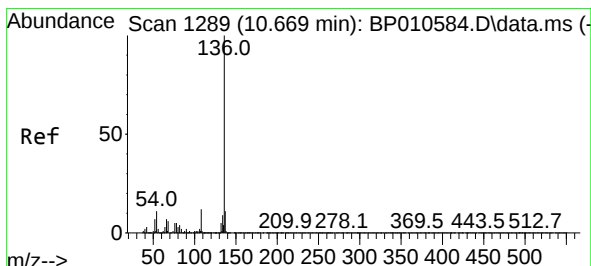
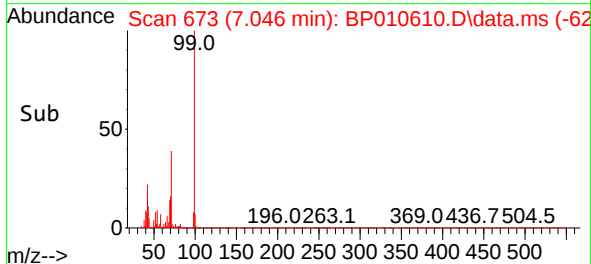
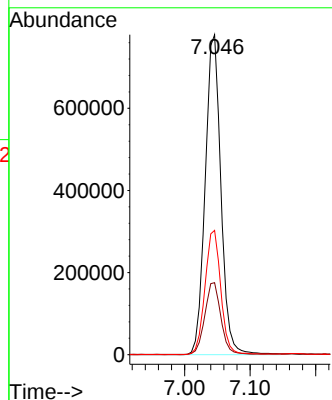
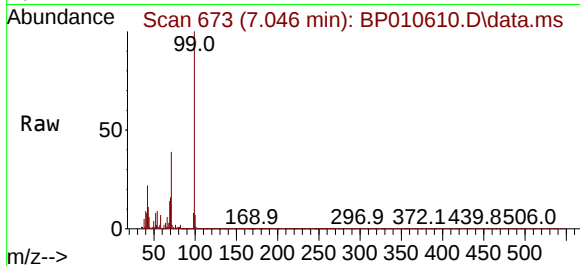




#7
Phenol-d6
Concen: 158.369 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

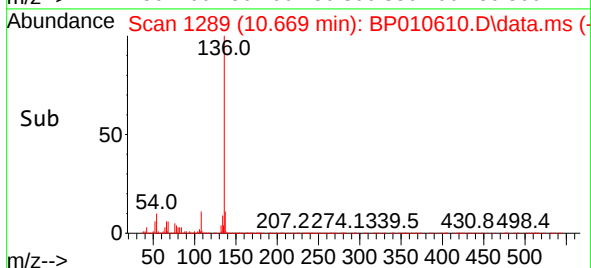
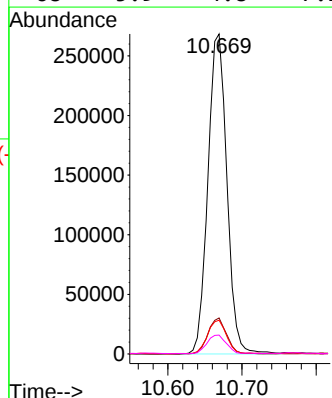
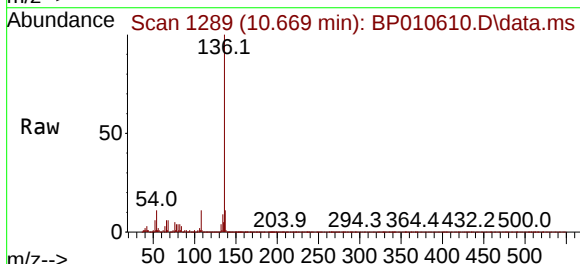
Instrument :
BNA_P
ClientSampleId :
P026-SS001-0612-01

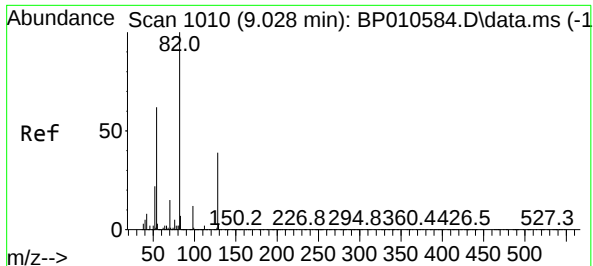
Tgt Ion: 99 Resp: 1302583
Ion Ratio Lower Upper
99 100
42 22.5 20.3 30.5
71 38.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

Tgt Ion:136 Resp: 477647
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.5 8.7 13.1
68 5.9 4.8 7.2

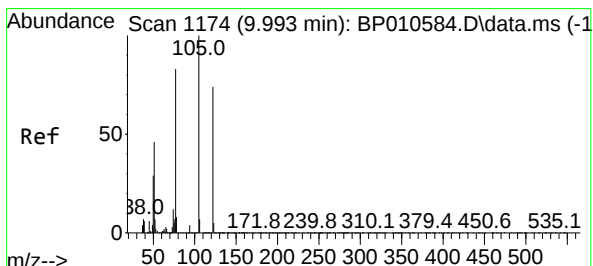
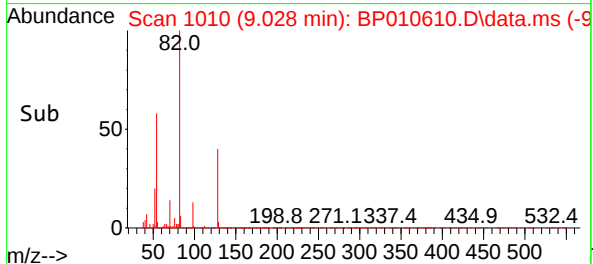
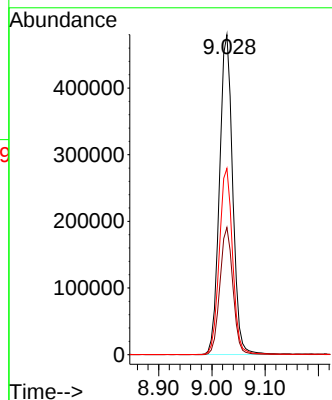
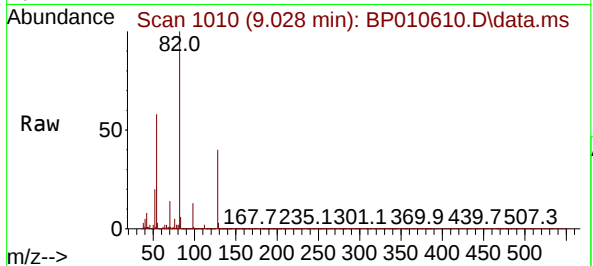




#23
Nitrobenzene-d5
Concen: 81.511 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

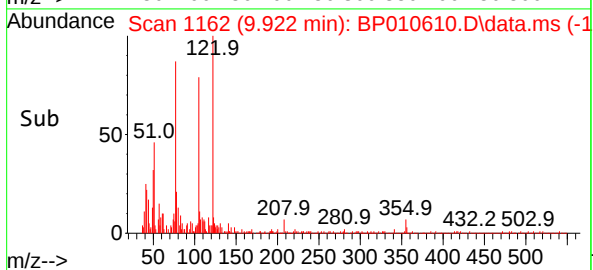
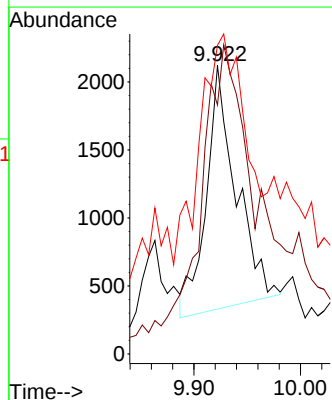
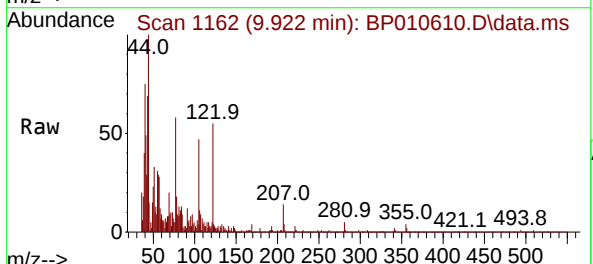
Instrument :
BNA_P
ClientSampleId :
P026-SS001-0612-01

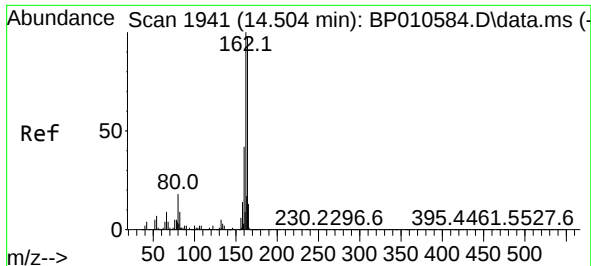
Tgt Ion: 82 Resp: 823496
Ion Ratio Lower Upper
82 100
128 39.7 31.3 46.9
54 58.2 49.8 74.8



#32
Benzoic acid
Concen: 8.006 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.071 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

Tgt Ion:122 Resp: 3495
Ion Ratio Lower Upper
122 100
105 86.3 112.6 152.6#
77 107.0 90.2 130.2

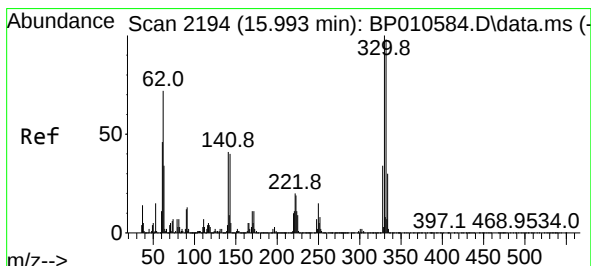
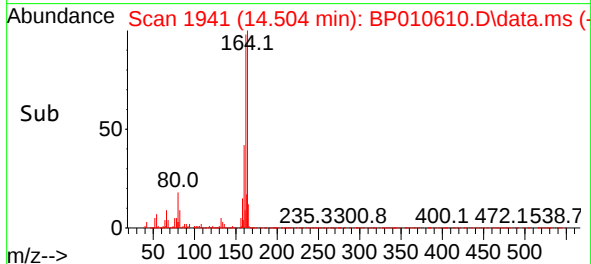
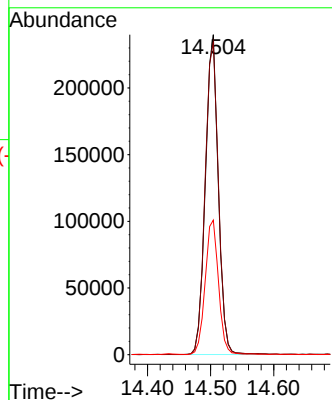
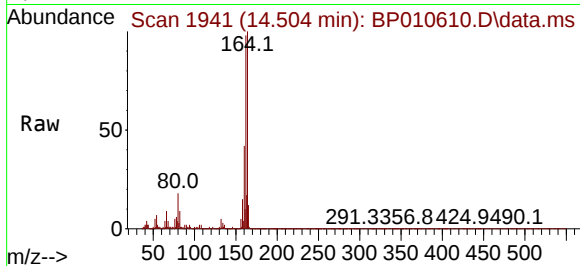




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

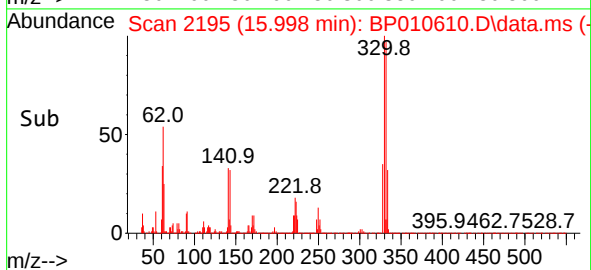
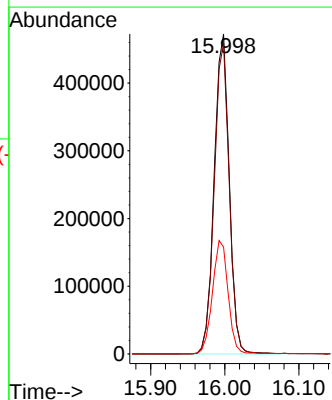
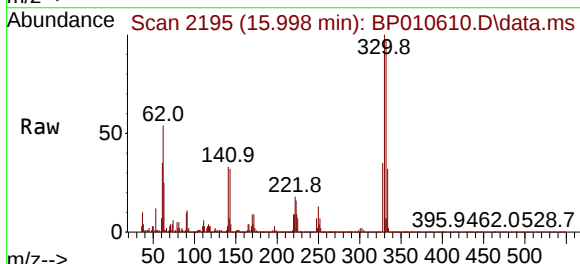
Instrument :
BNA_P
ClientSampleId :
P026-SS001-0612-01

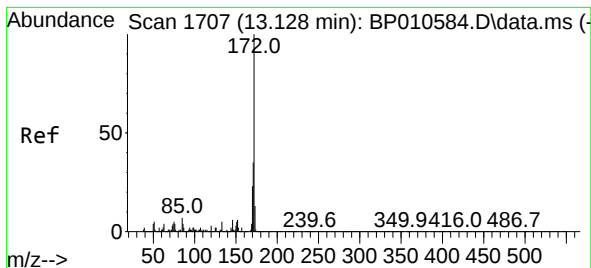
Tgt Ion:164 Resp: 341685
Ion Ratio Lower Upper
164 100
162 97.6 81.9 122.9
160 42.1 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 172.582 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

Tgt Ion:330 Resp: 667501
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 36.6 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 79.228 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010610.D

Acq: 28 May 2022 20:49

Instrument :

BNA_P

ClientSampleId :

P026-SS001-0612-01

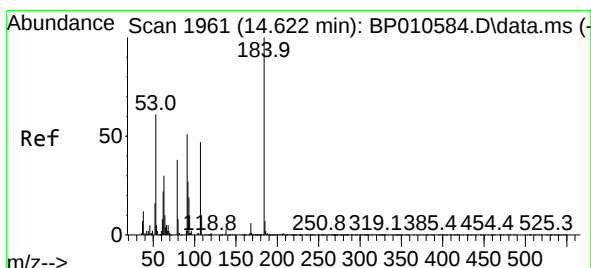
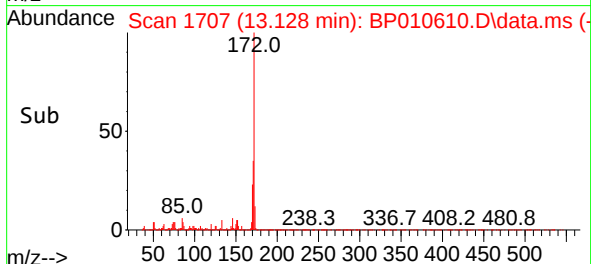
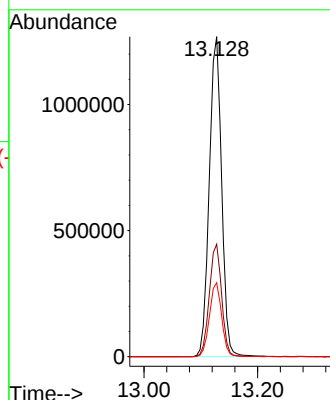
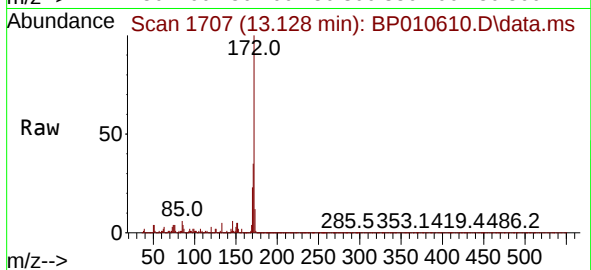
Tgt Ion:172 Resp: 1907430

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.1 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.662 ng

RT: 14.628 min Scan# 1962

Delta R.T. 0.006 min

Lab File: BP010610.D

Acq: 28 May 2022 20:49

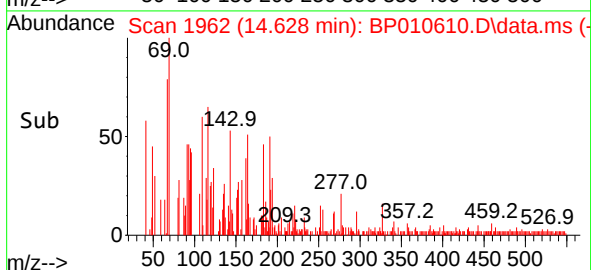
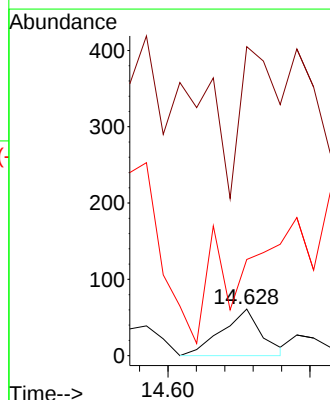
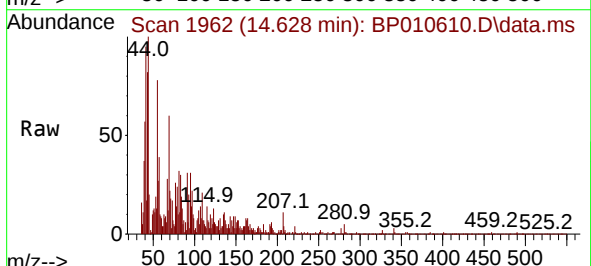
Tgt Ion:184 Resp: 59

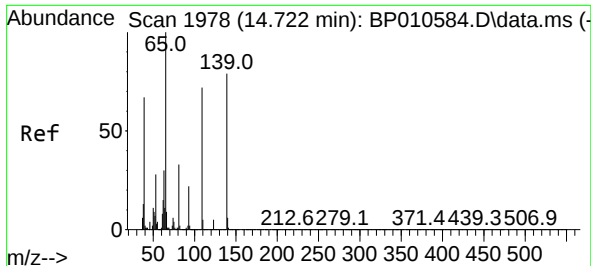
Ion Ratio Lower Upper

184 100

63 663.9 65.4 98.2#

154 206.6 55.4 83.2#

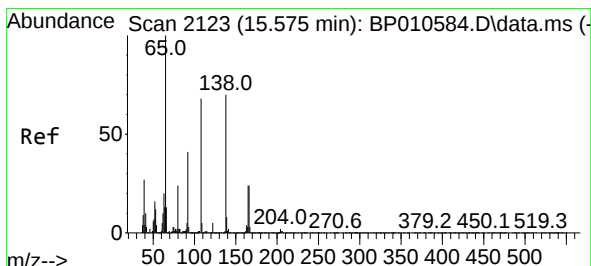
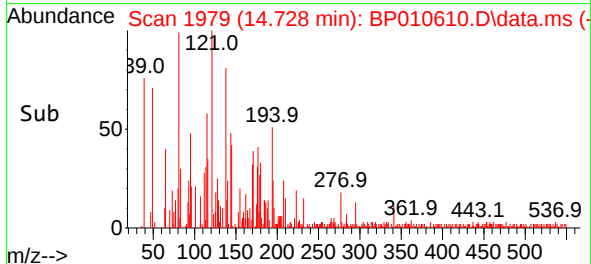
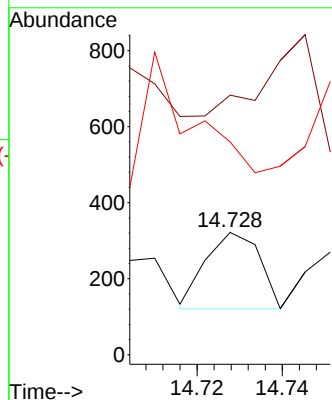
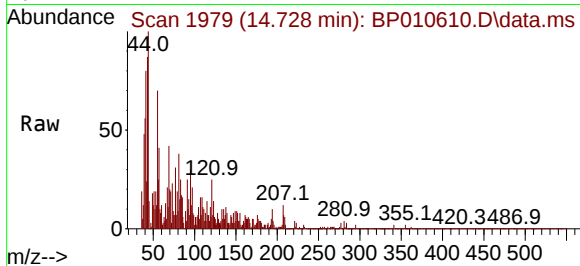




#56
4-Nitrophenol
Concen: 3.636 ng
RT: 14.728 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

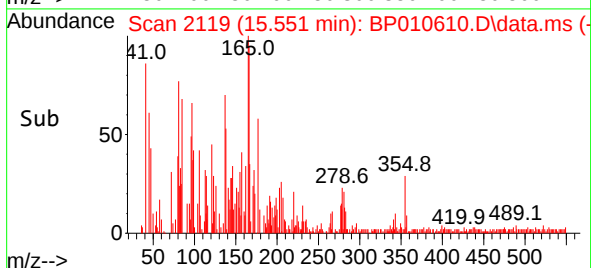
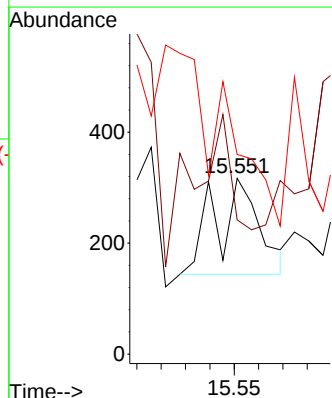
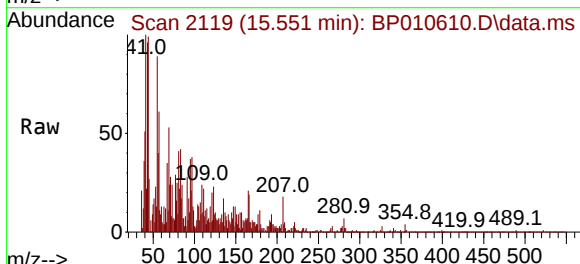
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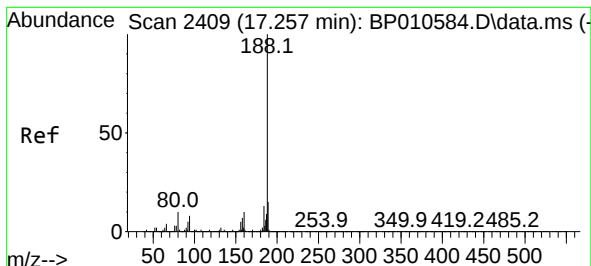
Tgt Ion:139 Resp: 176
Ion Ratio Lower Upper
139 100
109 212.1 70.6 110.6#
65 173.9 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.171 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.024 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

Tgt Ion:138 Resp: 216
Ion Ratio Lower Upper
138 100
92 76.3 38.0 78.0
108 113.6 77.6 117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP010610.D

Acq: 28 May 2022 20:49

Instrument :

BNA_P

ClientSampleId :

P026-SS001-0612-01

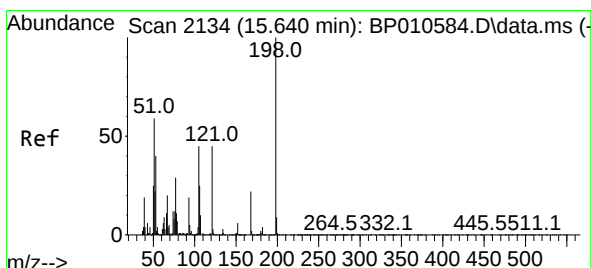
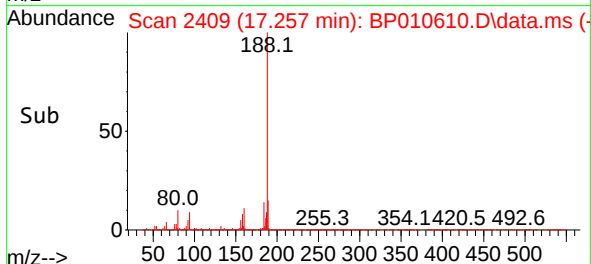
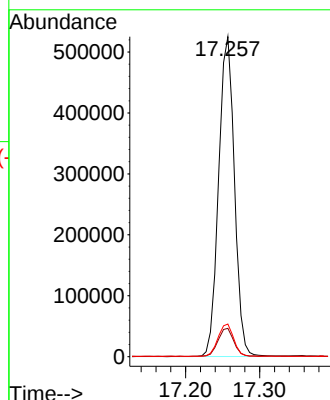
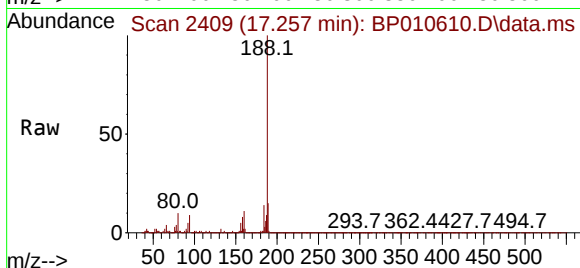
Tgt Ion:188 Resp: 779440

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 10.2 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.630 ng

RT: 15.657 min Scan# 2137

Delta R.T. 0.017 min

Lab File: BP010610.D

Acq: 28 May 2022 20:49

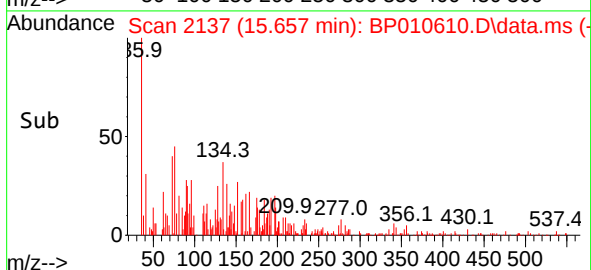
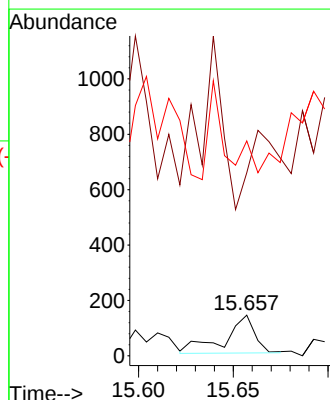
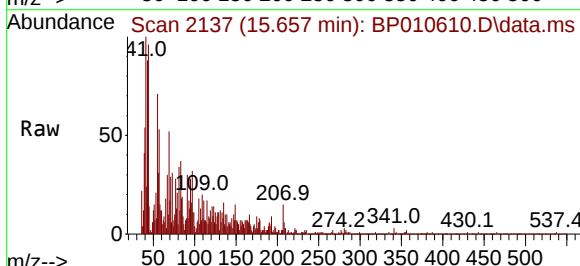
Tgt Ion:198 Resp: 151

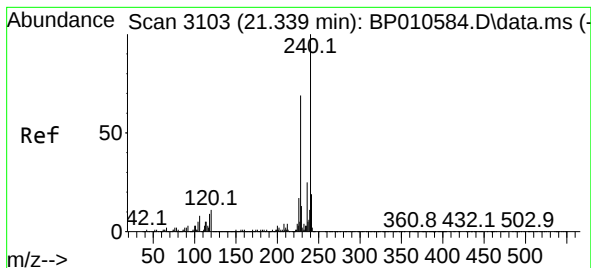
Ion Ratio Lower Upper

198 100

51 449.7 41.2 81.2#

105 527.9 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: BP010610.D

Acq: 28 May 2022 20:49

Instrument :

BNA_P

ClientSampleId :

P026-SS001-0612-01

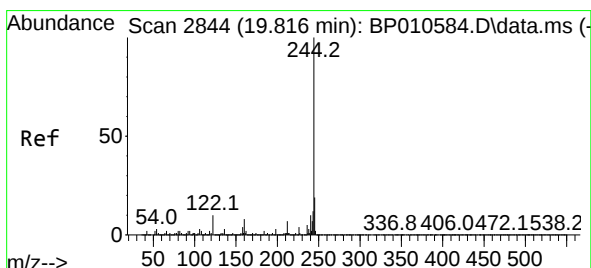
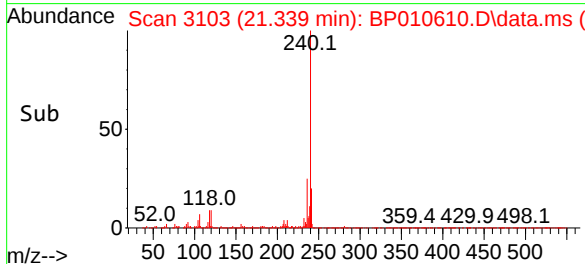
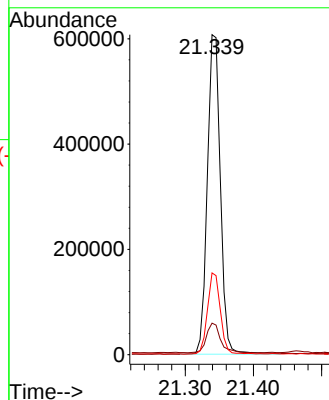
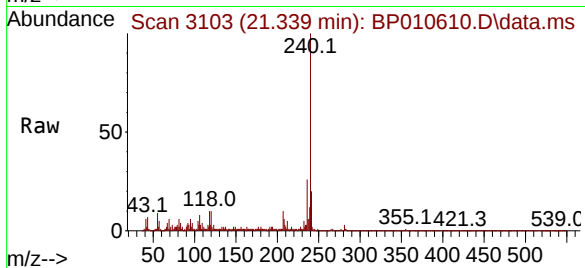
Tgt Ion:240 Resp: 809477

Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

236 25.6 19.8 29.6



#79

Terphenyl-d14

Concen: 87.295 ng

RT: 19.816 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BP010610.D

Acq: 28 May 2022 20:49

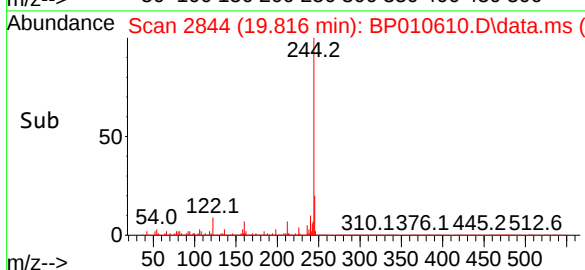
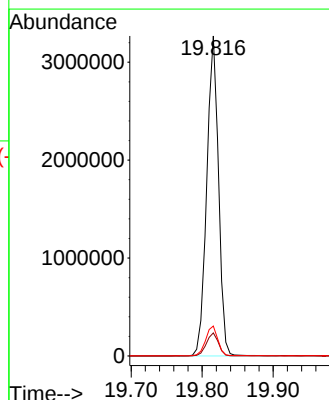
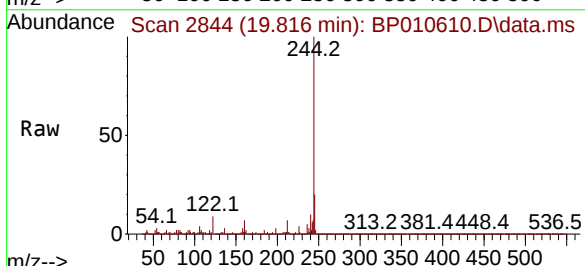
Tgt Ion:244 Resp: 3762085

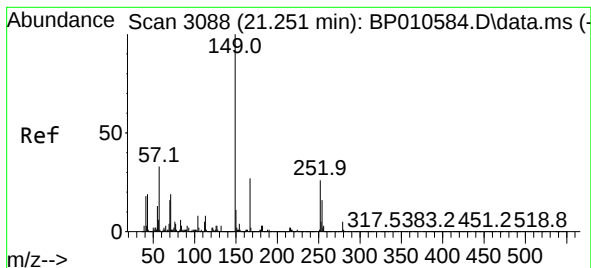
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.3 7.6 11.4

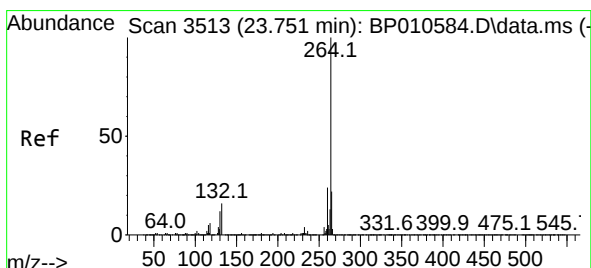
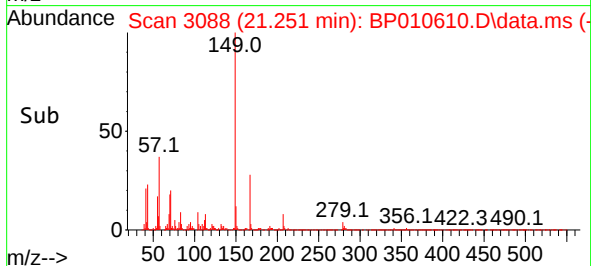
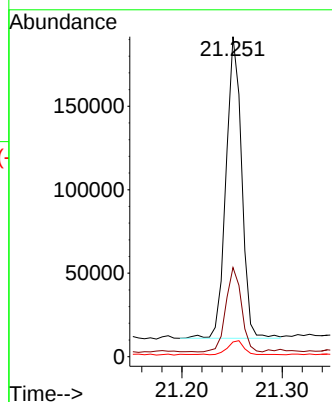
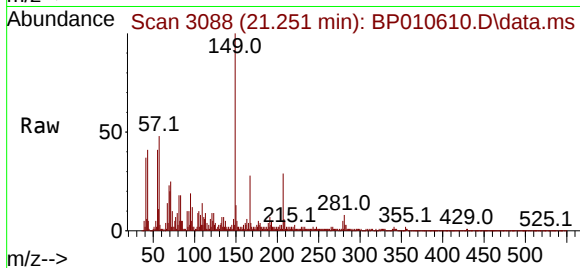




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.247 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

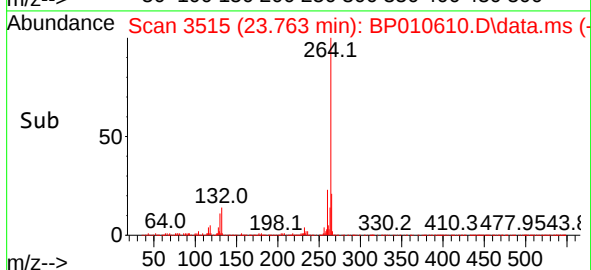
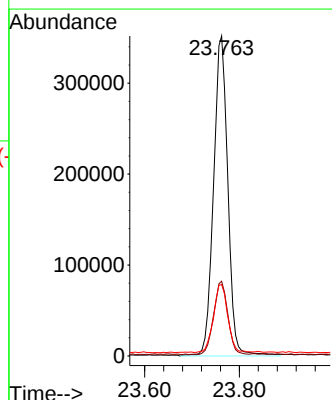
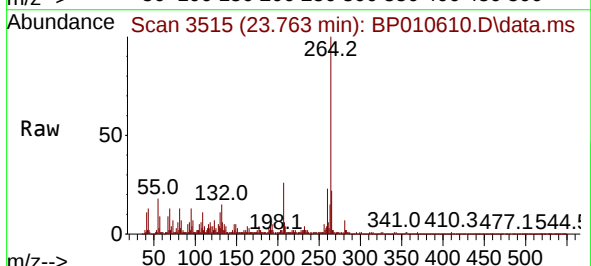
Instrument :
BNA_P
ClientSampleId :
P026-SS001-0612-01

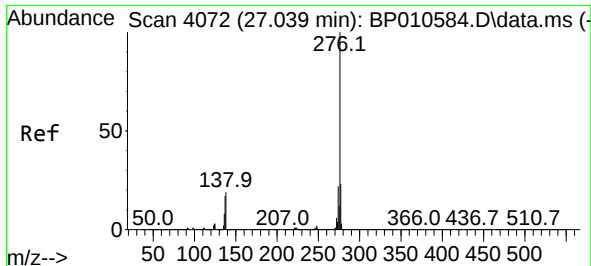
Tgt Ion:149 Resp: 195634
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.6 3.7 5.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.012 min
Lab File: BP010610.D
Acq: 28 May 2022 20:49

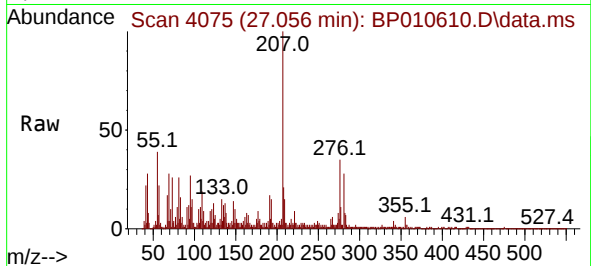
Tgt Ion:264 Resp: 737077
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 22.3 18.0 27.0





#92
 Benzo(g,h,i)perylene
 Concen: 2.537 ng
 RT: 27.056 min Scan# 4075
 Delta R.T. 0.017 min
 Lab File: BP010610.D
 Acq: 28 May 2022 20:49

Instrument :
 BNA_P
 ClientSampleId :
 P026-SS001-0612-01



Tgt Ion: 276 Resp: 113364
 Ion Ratio Lower Upper
 276 100
 277 32.3 18.7 28.1#
 138 21.5 15.2 22.8

