

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010597.D
 Acq On : 28 May 2022 13:27
 Operator : CG/JU
 Sample : N2932-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS003-0006-01

Quant Time: May 28 23:36:19 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)

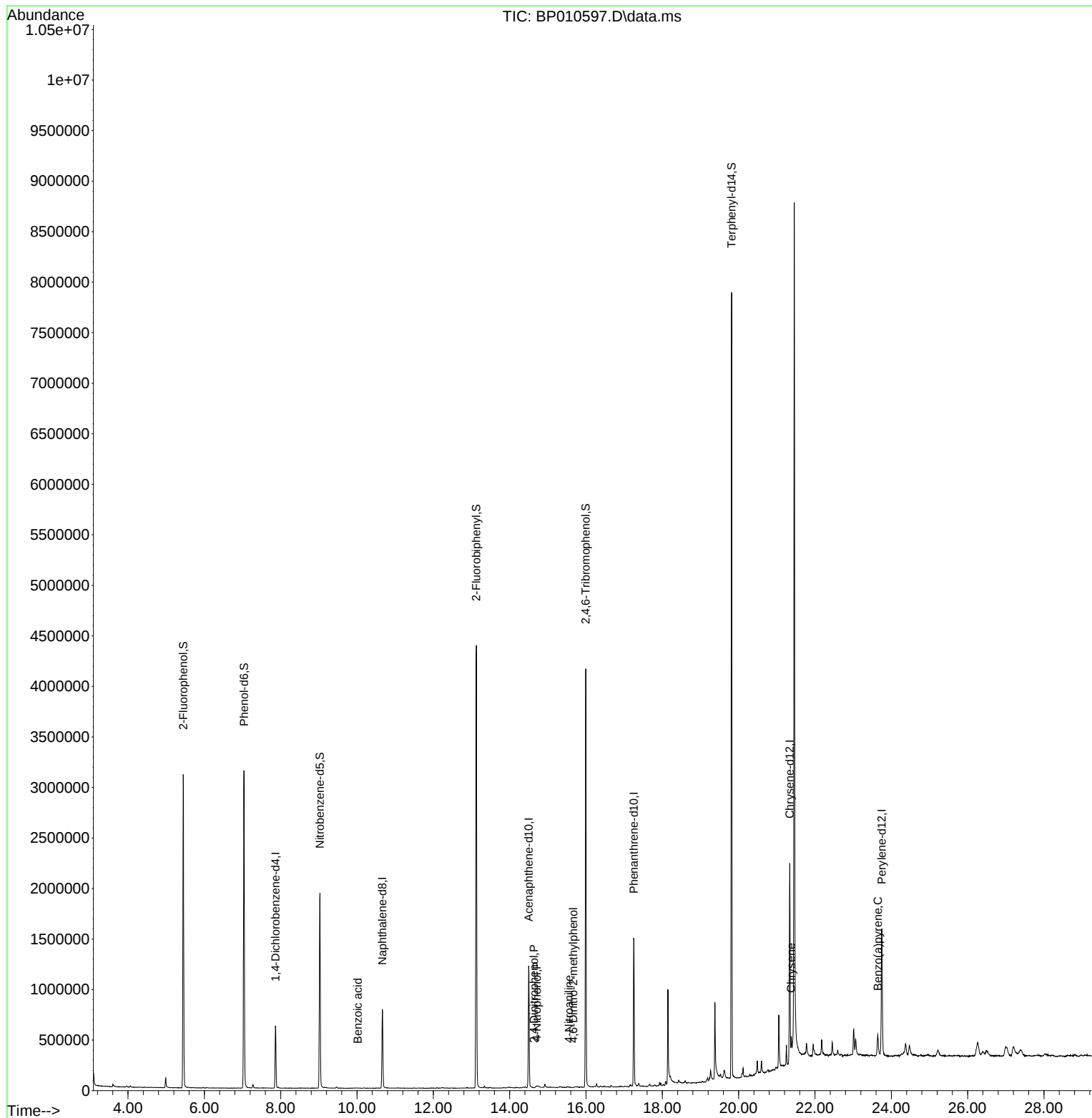
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	157692	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	631145	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	414143	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	892942	20.000	ng	0.00
76) Chrysene-d12	21.339	240	913556	20.000	ng	0.00
86) Perylene-d12	23.751	264	955692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1187025	137.325	ng	0.00
7) Phenol-d6	7.040	99	1614503	131.566	ng	0.00
23) Nitrobenzene-d5	9.028	82	1098612	82.296	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	674855	143.956	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2215749	75.932	ng	0.00
79) Terphenyl-d14	19.816	244	3582749	73.663	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.022	122	169	7.348	ng	# 24
54) 2,4-Dinitrophenol	14.634	184	13	6.649	ng	# 1
56) 4-Nitrophenol	14.710	139	49	3.606	ng	# 1
62) 4-Nitroaniline	15.551	138	86	2.145	ng	# 19
65) 4,6-Dinitro-2-methylph...	15.669	198	120	4.622	ng	# 1
83) Chrysene	21.375	228	121511	2.067	ng	100
90) Benzo(a)pyrene	23.645	252	118956	2.390	ng	95

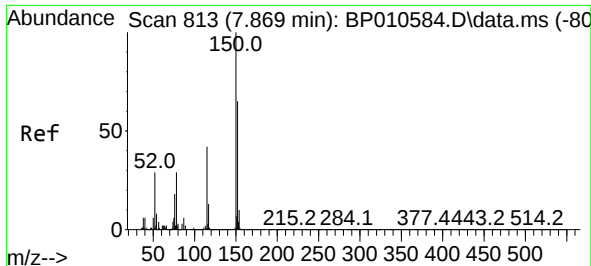
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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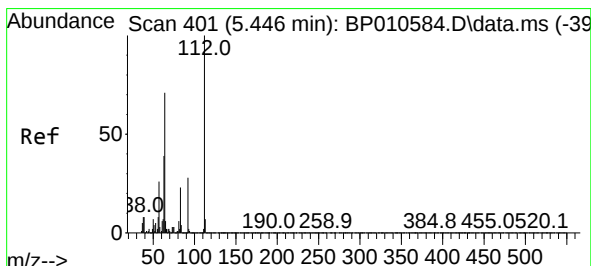
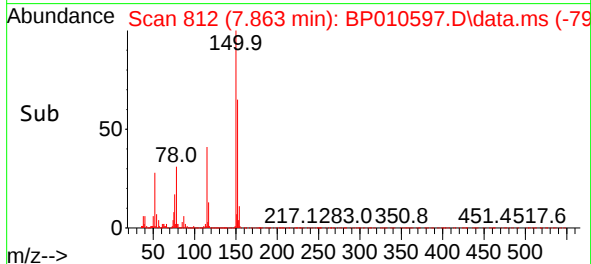
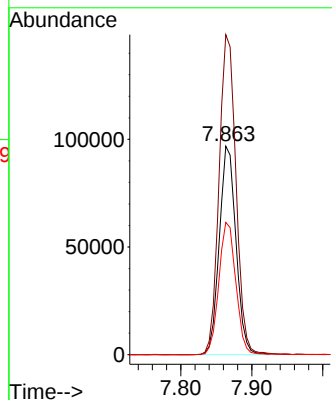
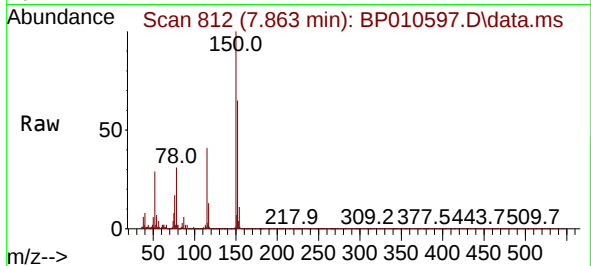




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

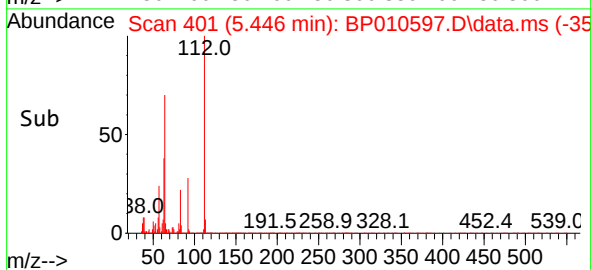
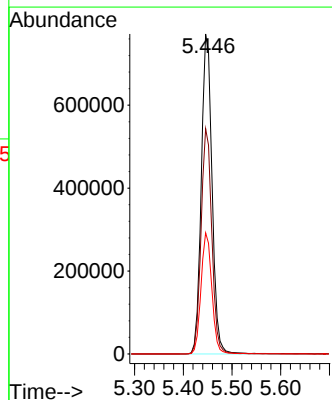
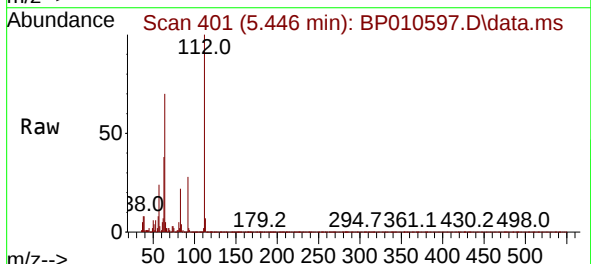
Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01

Tgt Ion:152 Resp: 157692
Ion Ratio Lower Upper
152 100
150 153.5 123.4 185.2
115 63.5 51.3 76.9



#5
2-Fluorophenol
Concen: 137.325 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Tgt Ion:112 Resp: 1187025
Ion Ratio Lower Upper
112 100
64 70.4 56.9 85.3
63 37.9 31.2 46.8

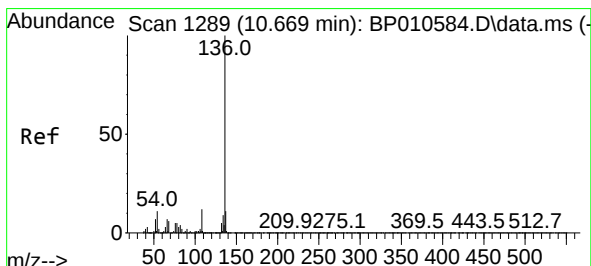
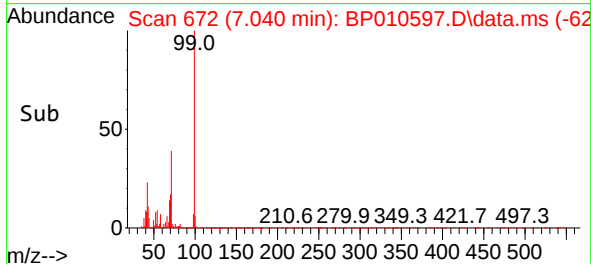
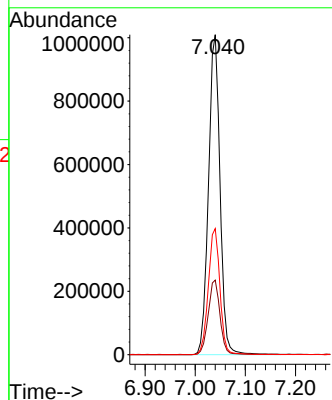
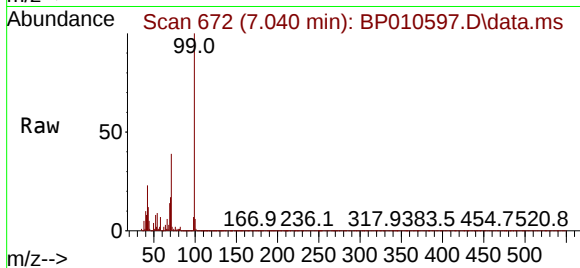




#7
Phenol-d6
Concen: 131.566 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

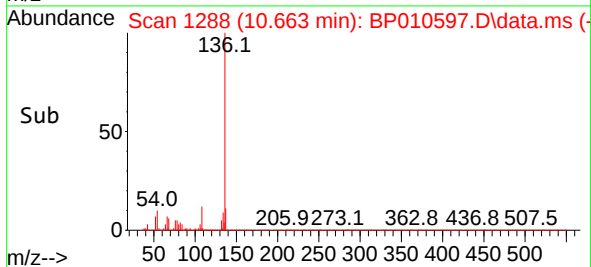
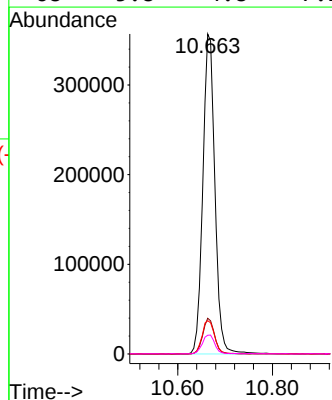
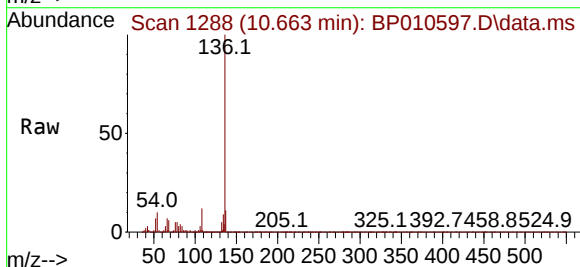
Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01

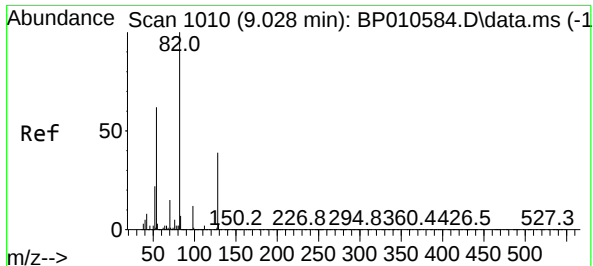
Tgt Ion: 99 Resp: 1614503
Ion Ratio Lower Upper
99 100
42 23.3 20.3 30.5
71 39.4 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Tgt Ion:136 Resp: 631145
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.4 8.7 13.1
68 5.8 4.8 7.2

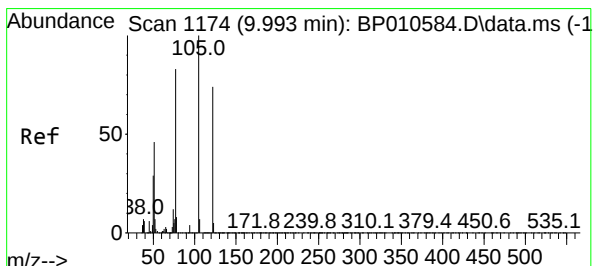
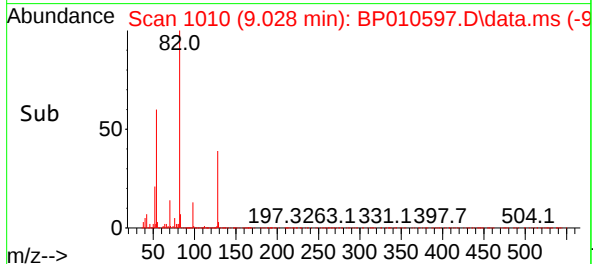
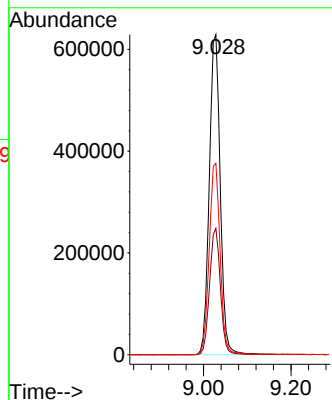
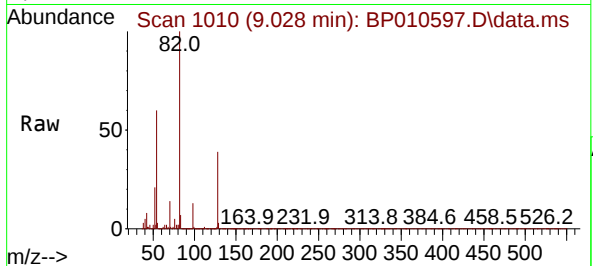




#23
Nitrobenzene-d5
Concen: 82.296 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

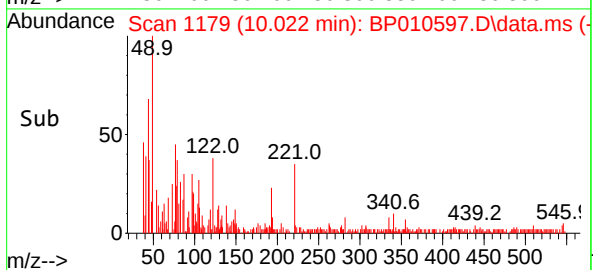
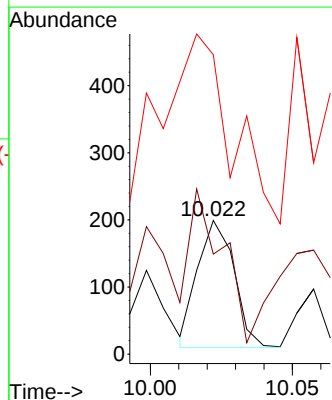
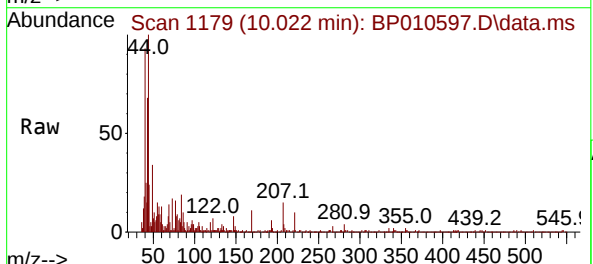
Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01

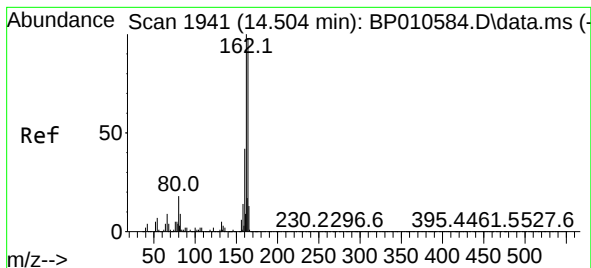
Tgt Ion: 82 Resp: 1098612
Ion Ratio Lower Upper
82 100
128 39.4 31.3 46.9
54 59.8 49.8 74.8



#32
Benzoic acid
Concen: 7.348 ng
RT: 10.022 min Scan# 1179
Delta R.T. 0.029 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Tgt Ion:122 Resp: 169
Ion Ratio Lower Upper
122 100
105 74.9 112.6 152.6#
77 224.1 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: BP010597.D

Acq: 28 May 2022 13:27

Instrument :

BNA_P

ClientSampleId :

P016-SS003-0006-01

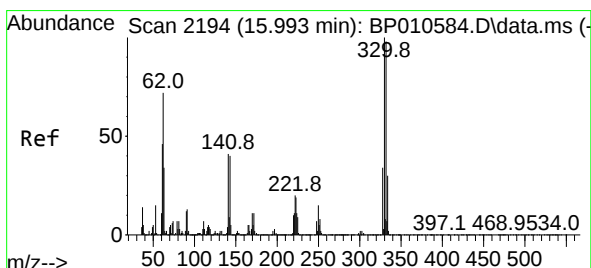
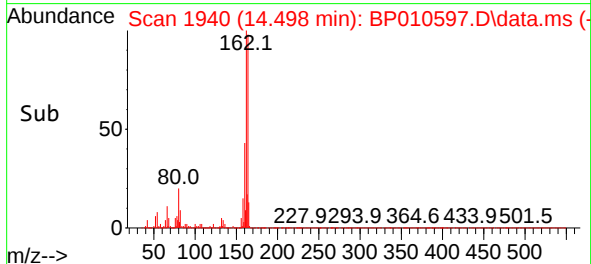
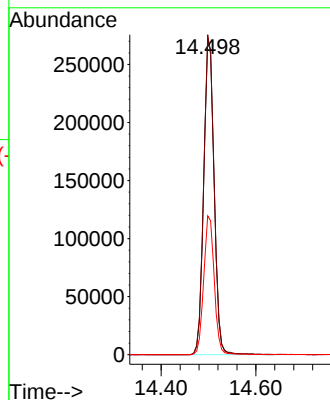
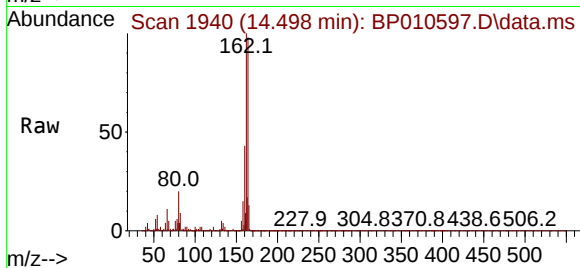
Tgt Ion:164 Resp: 414143

Ion Ratio Lower Upper

164 100

162 101.5 81.9 122.9

160 44.0 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 143.956 ng

RT: 15.992 min Scan# 2194

Delta R.T. -0.001 min

Lab File: BP010597.D

Acq: 28 May 2022 13:27

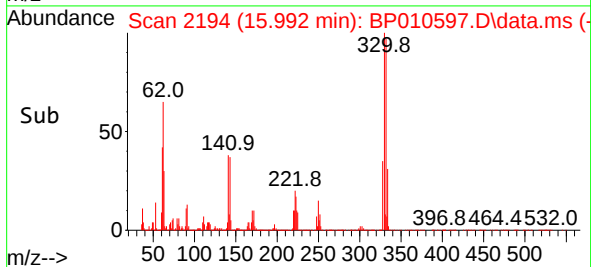
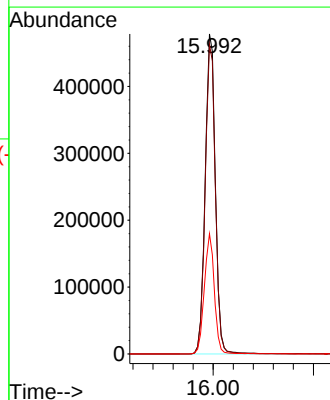
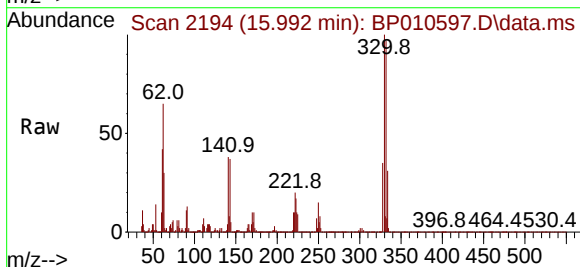
Tgt Ion:330 Resp: 674855

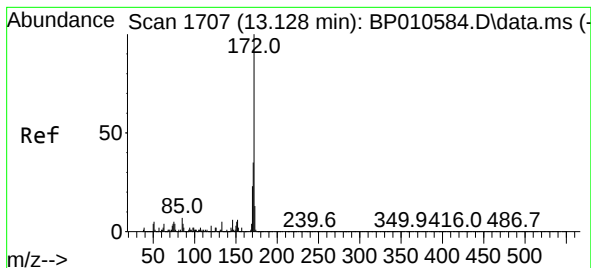
Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 36.9 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 75.932 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010597.D

Acq: 28 May 2022 13:27

Instrument :

BNA_P

ClientSampleId :

P016-SS003-0006-01

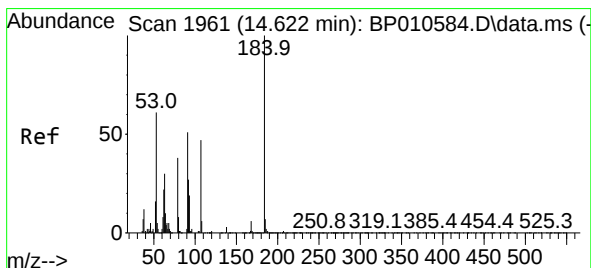
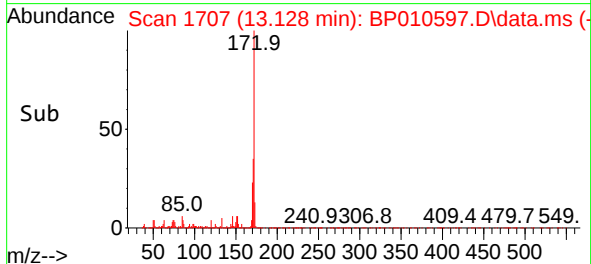
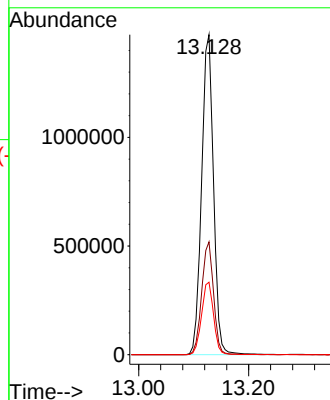
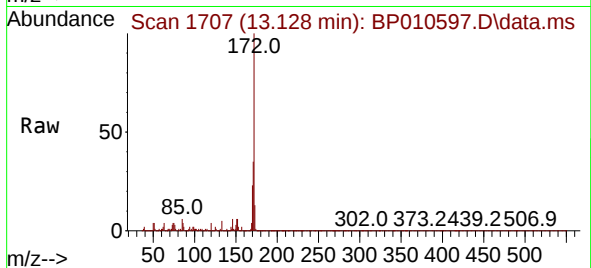
Tgt Ion:172 Resp: 2215749

Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 22.7 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.649 ng

RT: 14.634 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP010597.D

Acq: 28 May 2022 13:27

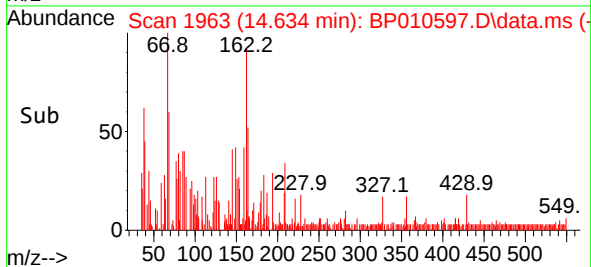
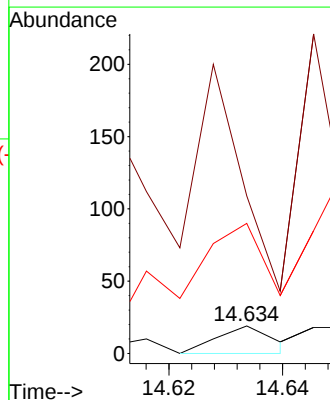
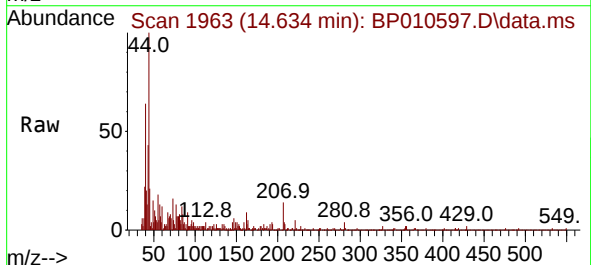
Tgt Ion:184 Resp: 13

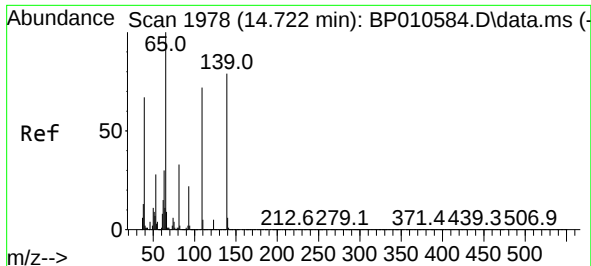
Ion Ratio Lower Upper

184 100

63 573.7 65.4 98.2#

154 473.7 55.4 83.2#

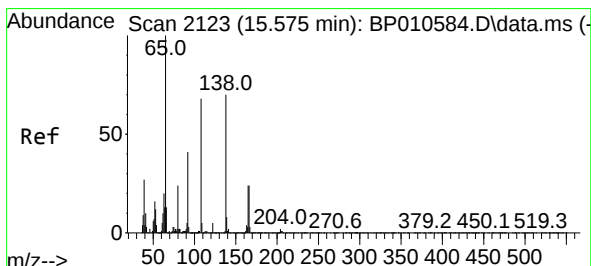
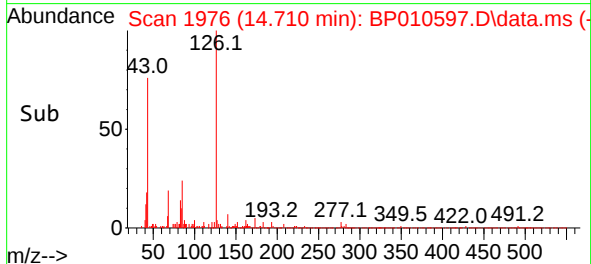
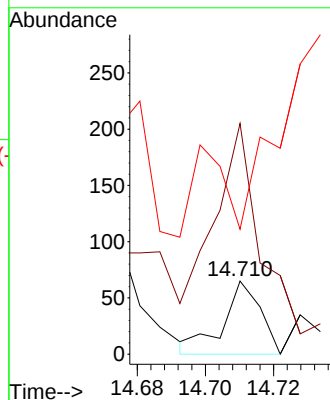
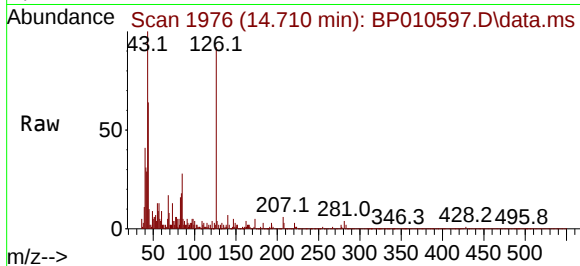




#56
4-Nitrophenol
Concen: 3.606 ng
RT: 14.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

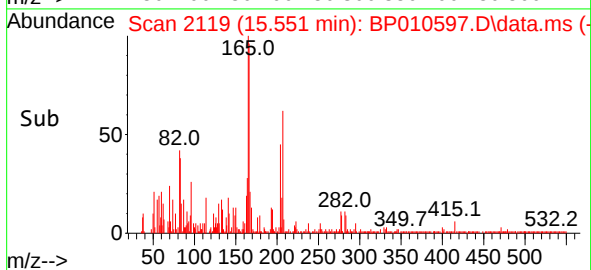
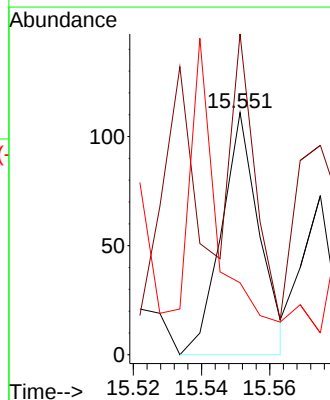
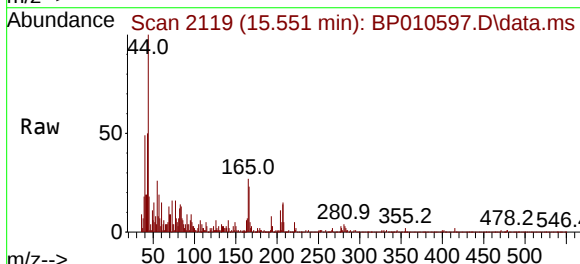
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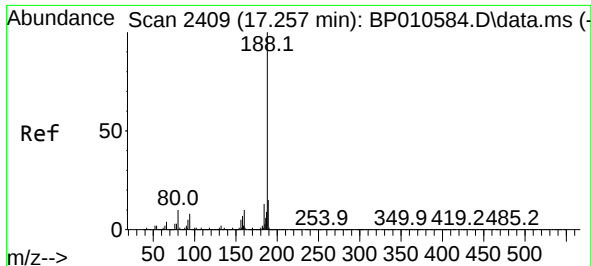
Tgt Ion:139 Resp: 49
Ion Ratio Lower Upper
139 100
109 315.4 70.6 110.6#
65 170.8 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.145 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.024 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Tgt Ion:138 Resp: 86
Ion Ratio Lower Upper
138 100
92 132.4 38.0 78.0#
108 29.7 77.6 117.6#

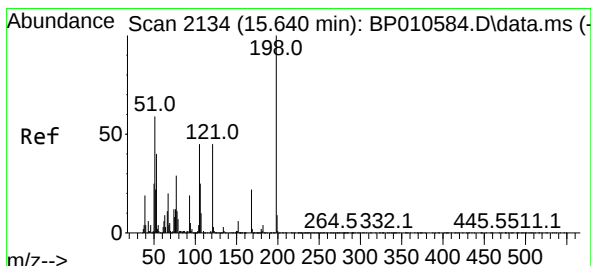
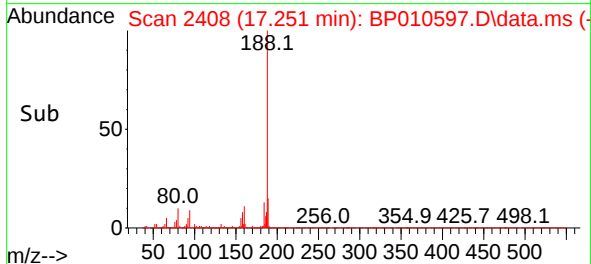
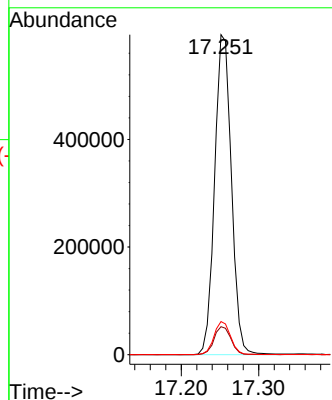
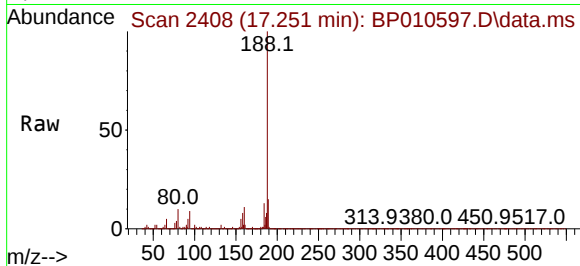




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

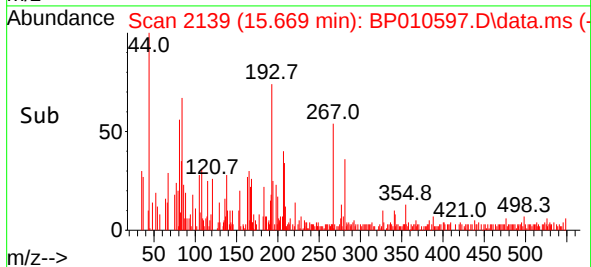
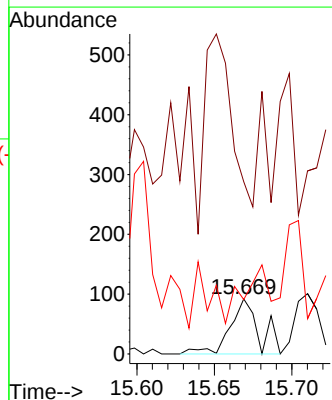
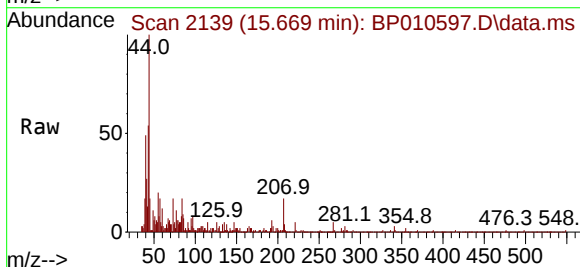
Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01

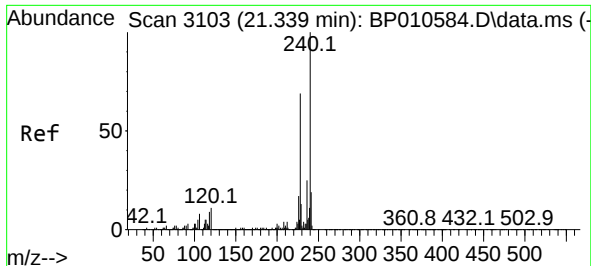
Tgt Ion:188 Resp: 892942
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 10.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.622 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.029 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Tgt Ion:198 Resp: 120
Ion Ratio Lower Upper
198 100
51 313.0 41.2 81.2#
105 98.9 25.3 65.3#

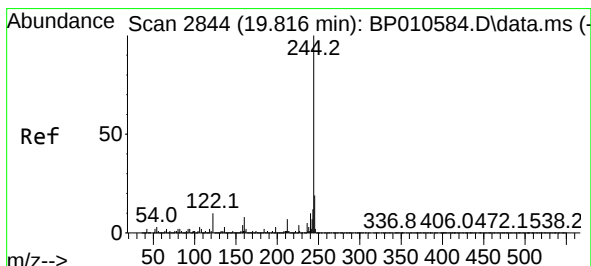
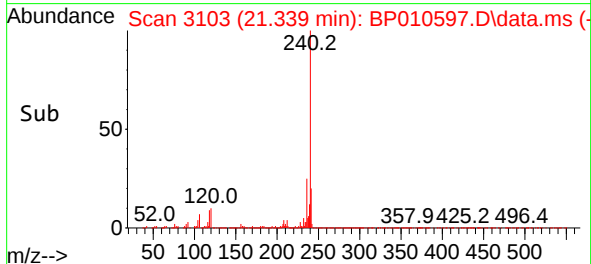
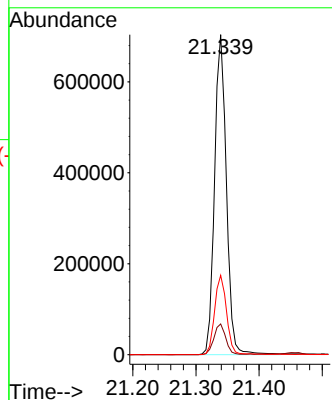
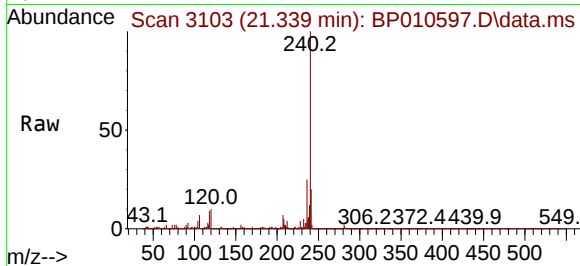




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

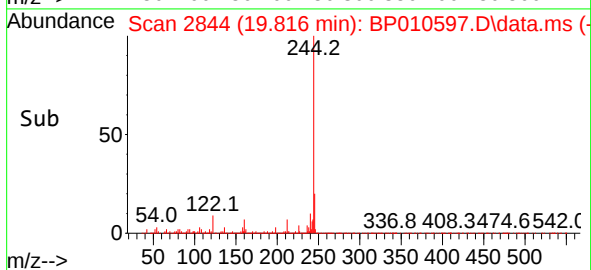
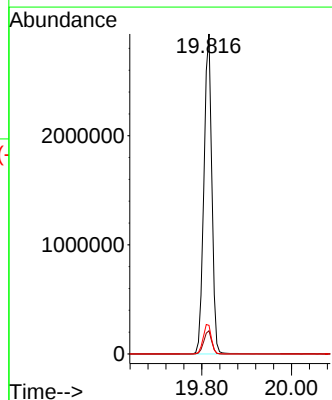
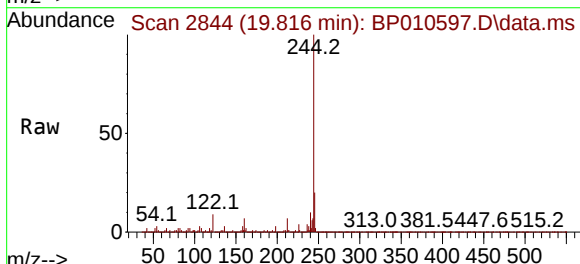
Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01

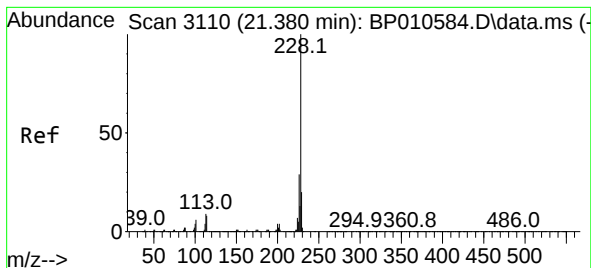
Tgt Ion:240 Resp: 913556
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 24.8 19.8 29.6



#79
Terphenyl-d14
Concen: 73.663 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Tgt Ion:244 Resp: 3582749
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.0 7.6 11.4





#83

Chrysene

Concen: 2.067 ng

RT: 21.375 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP010597.D

Acq: 28 May 2022 13:27

Instrument :

BNA_P

ClientSampleId :

P016-SS003-0006-01

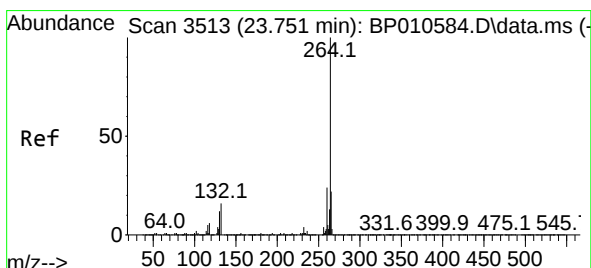
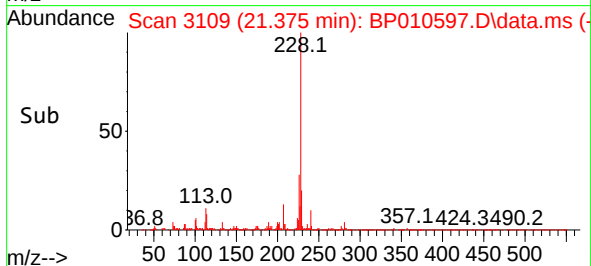
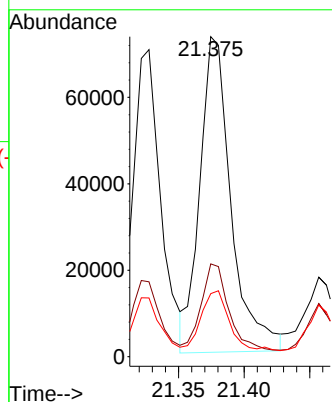
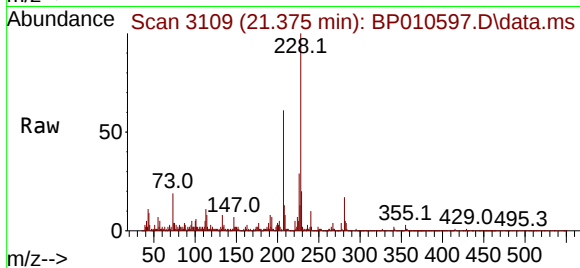
Tgt Ion:228 Resp: 121511

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.2

229 19.7 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3513

Delta R.T. -0.000 min

Lab File: BP010597.D

Acq: 28 May 2022 13:27

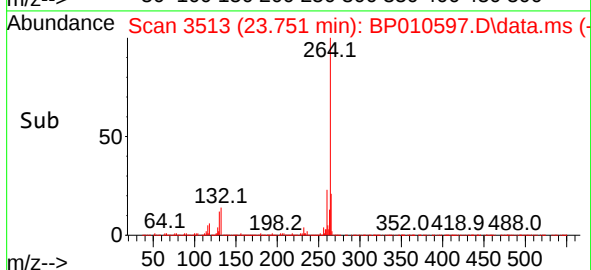
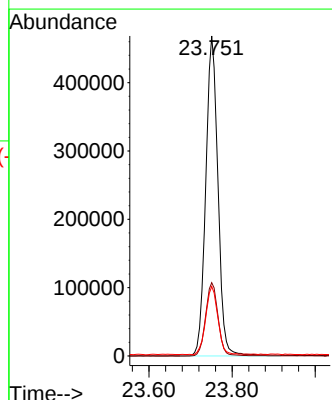
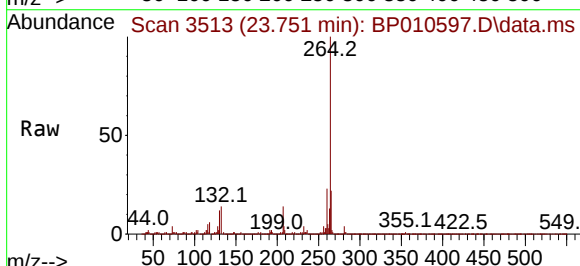
Tgt Ion:264 Resp: 955692

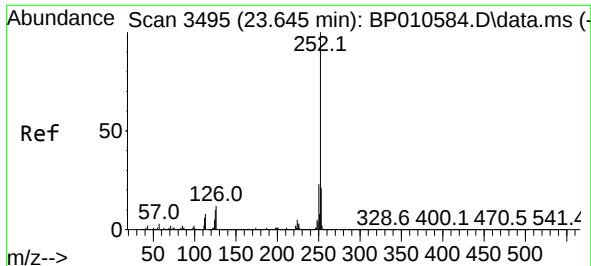
Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

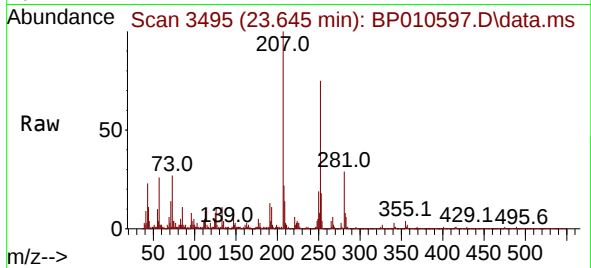
265 21.7 18.0 27.0





#90
Benzo(a)pyrene
Concen: 2.390 ng
RT: 23.645 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP010597.D
Acq: 28 May 2022 13:27

Instrument :
BNA_P
ClientSampleId :
P016-SS003-0006-01



Tgt Ion:252 Resp: 118956
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 11.2 7.9 11.9

