

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010605.D
 Acq On : 28 May 2022 17:59
 Operator : CG/JU
 Sample : N2928-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P026-SS001-2430-01

Quant Time: May 28 23:37:41 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)

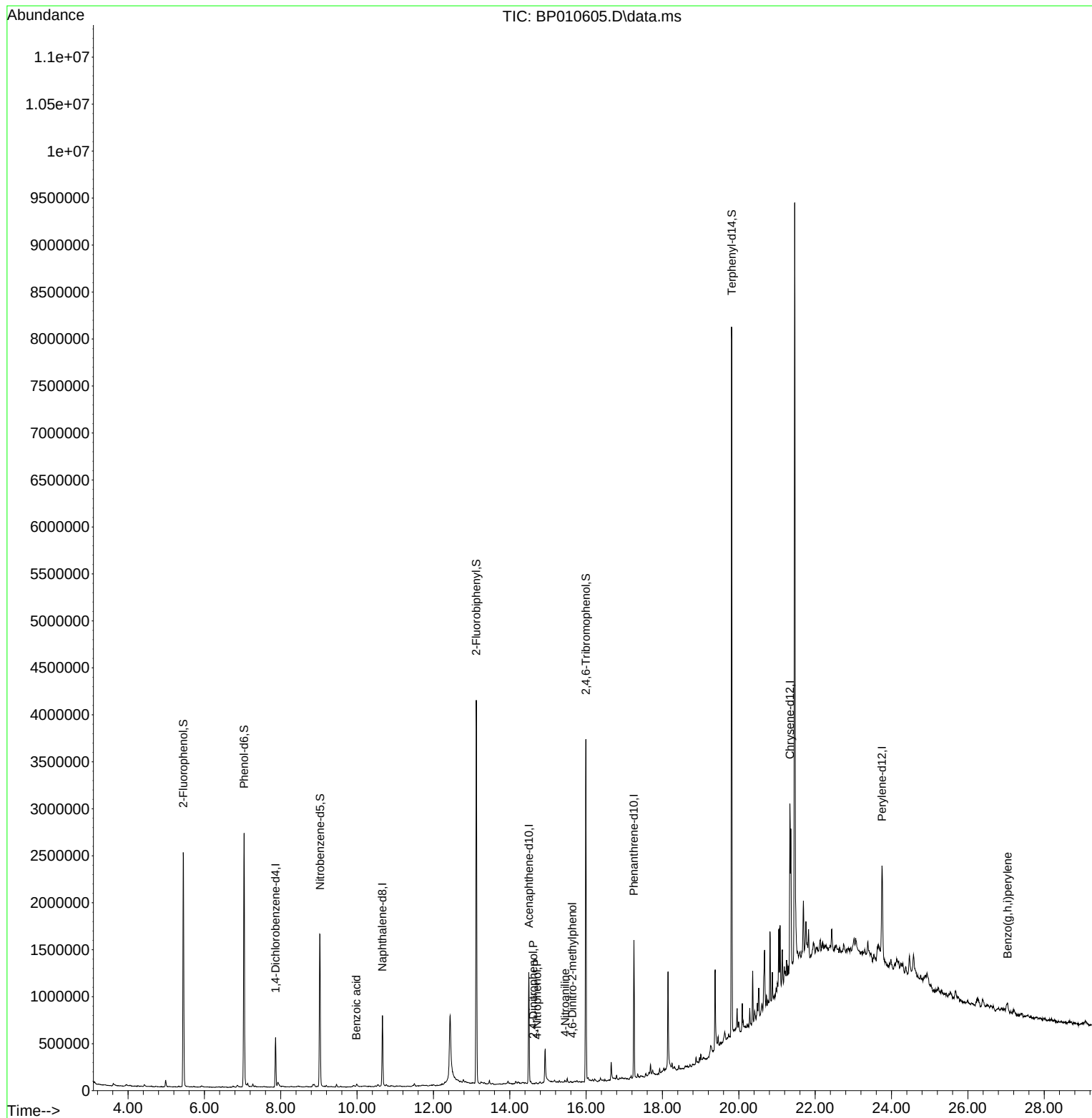
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	135257	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	590278	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	397917	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	854991	20.000	ng	0.00
76) Chrysene-d12	21.339	240	811345	20.000	ng	0.00
86) Perylene-d12	23.751	264	705603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	993836	134.046	ng	0.00
7) Phenol-d6	7.040	99	1391127	132.167	ng	0.00
23) Nitrobenzene-d5	9.028	82	932720	74.706	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	603200	133.918	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2033349	72.523	ng	0.00
79) Terphenyl-d14	19.816	244	3494112	80.891	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	635	7.424	ng	# 1
54) 2,4-Dinitrophenol	14.616	184	43	6.656	ng	# 1
56) 4-Nitrophenol	14.716	139	105	3.617	ng	# 17
62) 4-Nitroaniline	15.451	138	594	2.222	ng	90
65) 4,6-Dinitro-2-methylph...	15.640	198	48	4.611	ng	# 1
92) Benzo(g,h,i)perylene	27.039	276	134969	3.156	ng	# 90

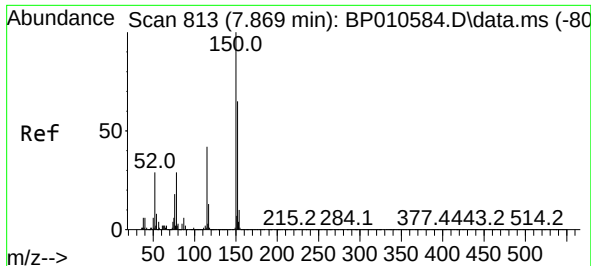
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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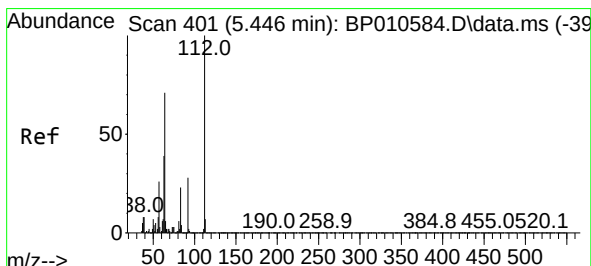
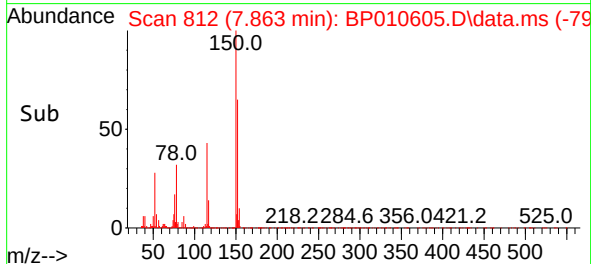
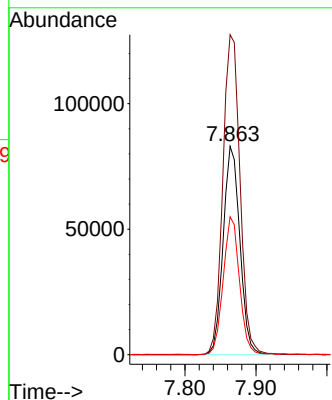
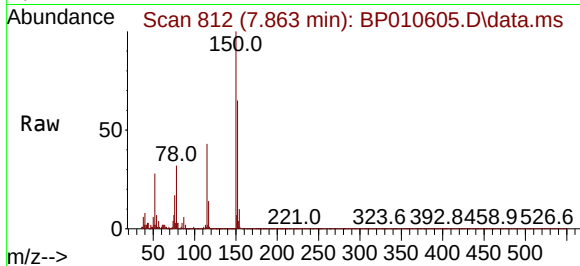




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

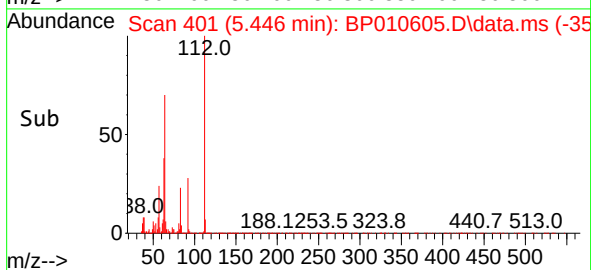
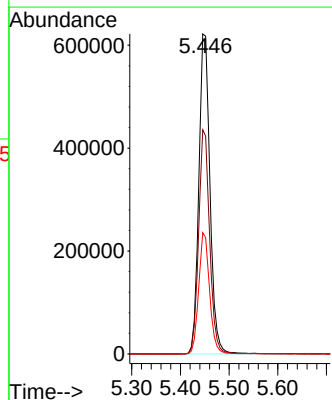
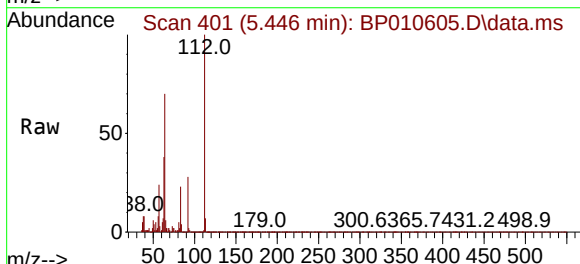
Instrument :
BNA_P
ClientSampleId :
P026-SS001-2430-01

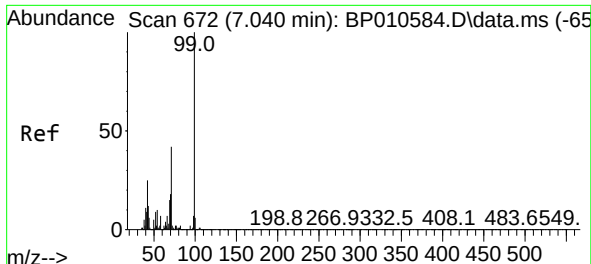
Tgt Ion:152 Resp: 135257
Ion Ratio Lower Upper
152 100
150 153.6 123.4 185.2
115 66.2 51.3 76.9



#5
2-Fluorophenol
Concen: 134.046 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

Tgt Ion:112 Resp: 993836
Ion Ratio Lower Upper
112 100
64 70.1 56.9 85.3
63 37.9 31.2 46.8

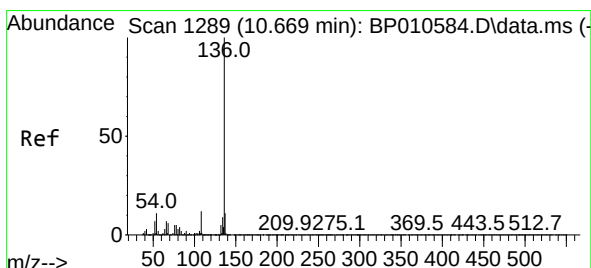
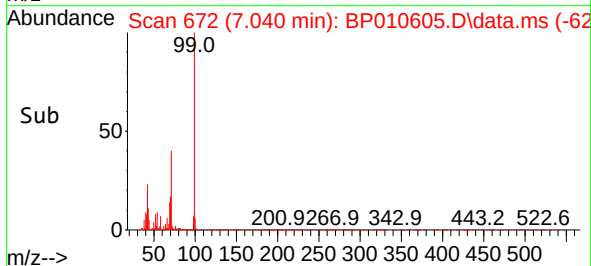
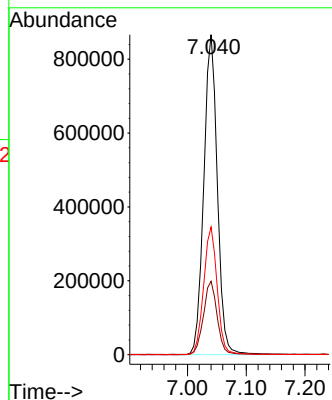
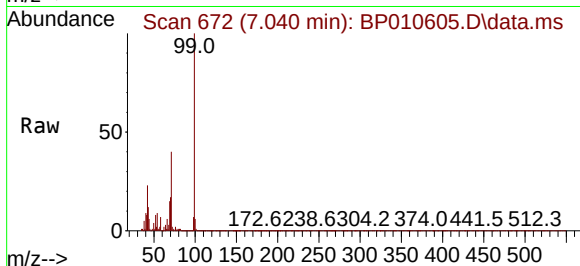




#7
Phenol-d6
Concen: 132.167 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

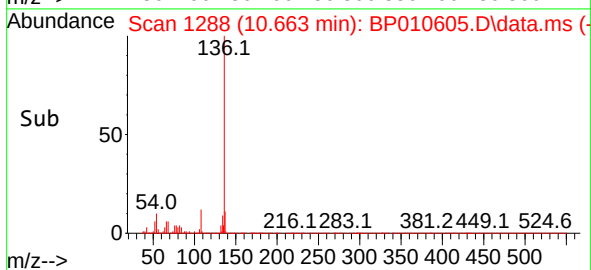
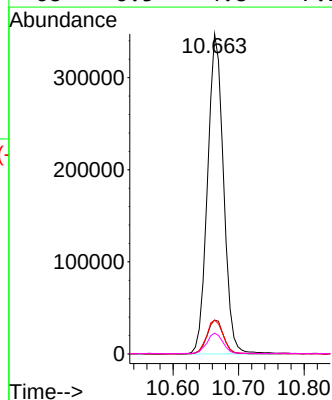
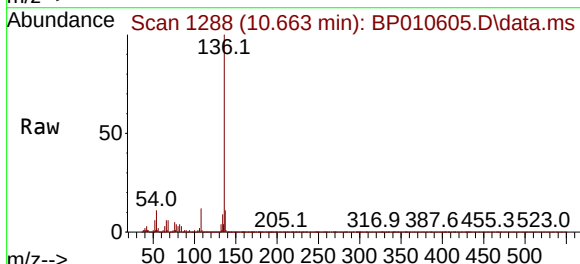
Instrument :
BNA_P
ClientSampleId :
P026-SS001-2430-01

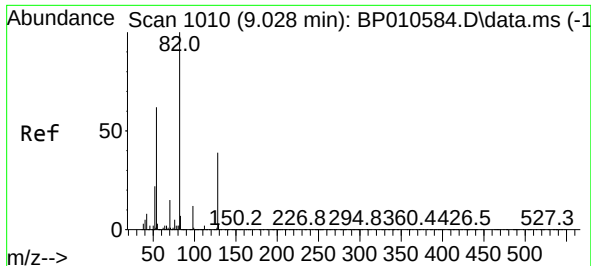
Tgt Ion: 99 Resp: 1391127
Ion Ratio Lower Upper
99 100
42 22.9 20.3 30.5
71 39.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

Tgt Ion:136 Resp: 590278
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 10.5 8.7 13.1
68 6.5 4.8 7.2

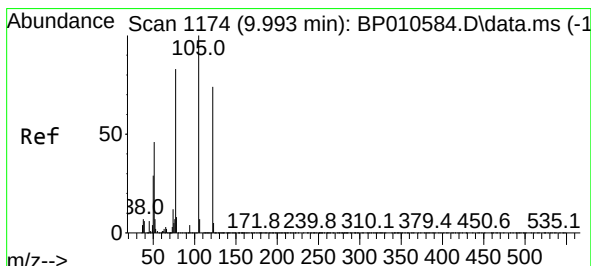
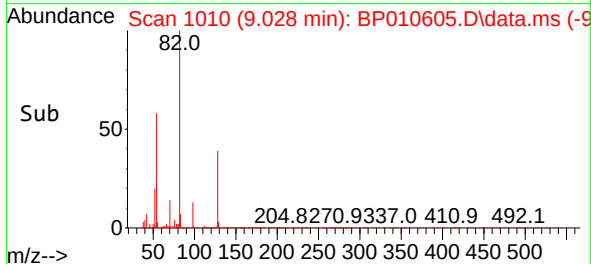
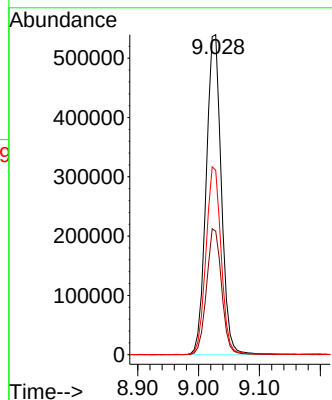
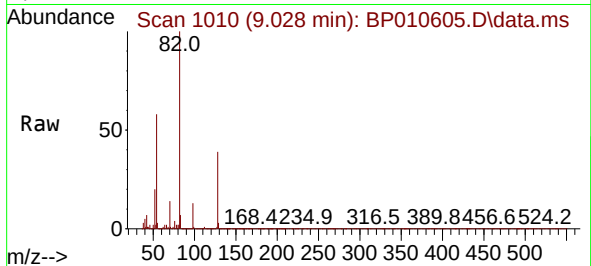




#23
Nitrobenzene-d5
Concen: 74.706 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

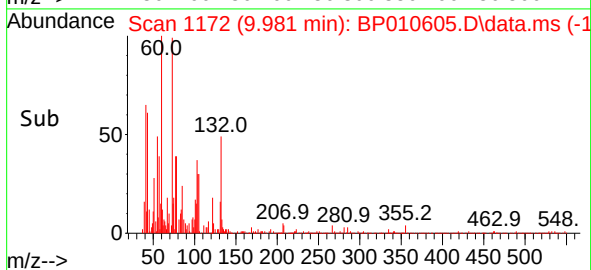
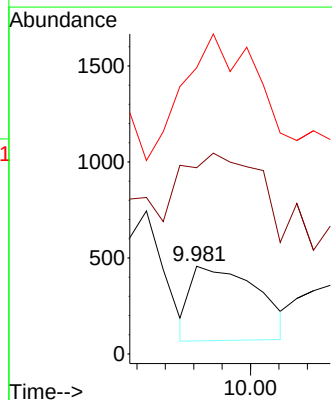
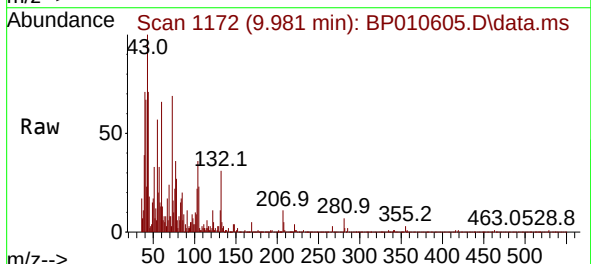
Instrument :
BNA_P
ClientSampleId :
P026-SS001-2430-01

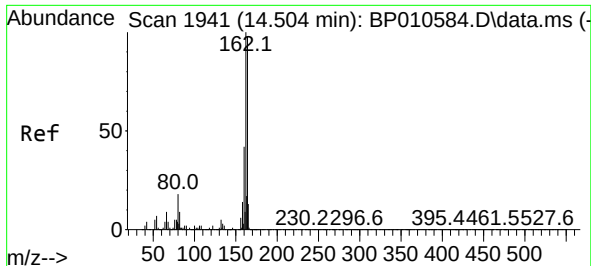
Tgt Ion: 82 Resp: 932720
Ion Ratio Lower Upper
82 100
128 38.6 31.3 46.9
54 57.6 49.8 74.8



#32
Benzoic acid
Concen: 7.424 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

Tgt Ion: 122 Resp: 635
Ion Ratio Lower Upper
122 100
105 212.3 112.6 152.6#
77 326.3 90.2 130.2#

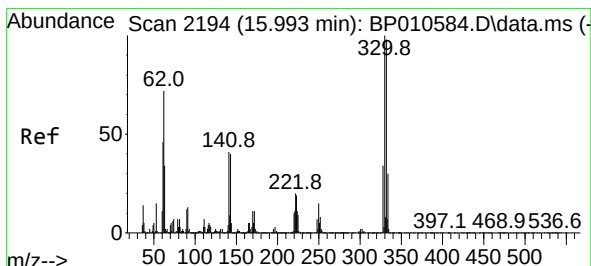
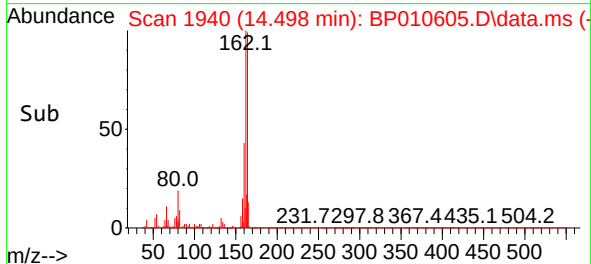
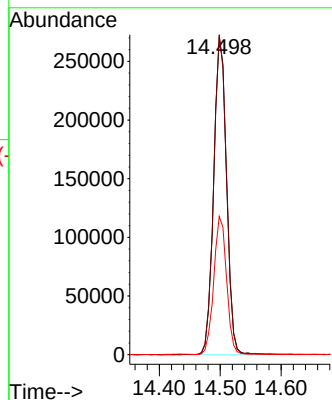
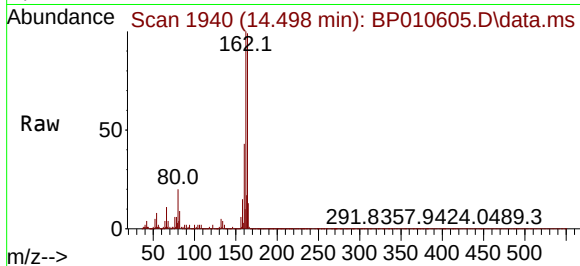




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

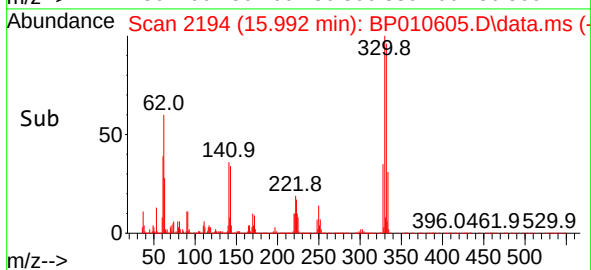
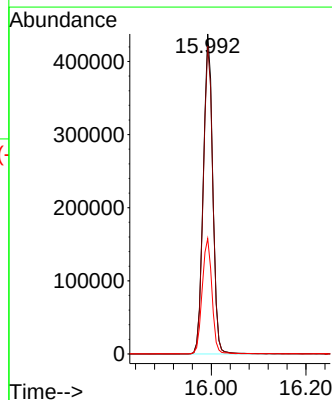
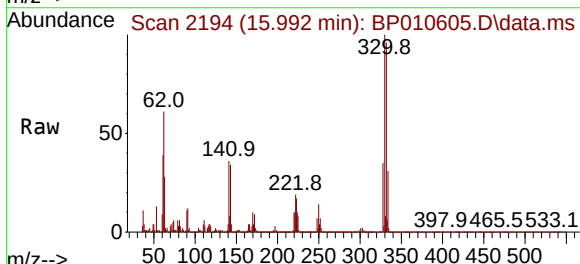
Instrument :
BNA_P
ClientSampleId :
P026-SS001-2430-01

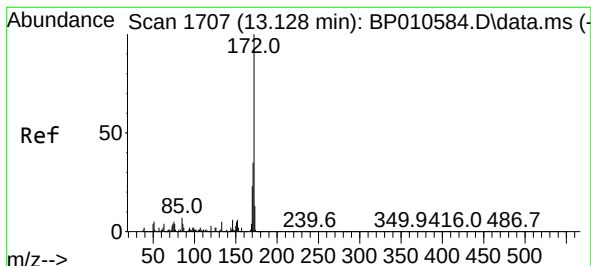
Tgt Ion:164 Resp: 397917
Ion Ratio Lower Upper
164 100
162 100.6 81.9 122.9
160 43.5 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 133.918 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

Tgt Ion:330 Resp: 603200
Ion Ratio Lower Upper
330 100
332 97.2 78.1 117.1
141 36.9 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 72.523 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010605.D

Acq: 28 May 2022 17:59

Instrument :

BNA_P

ClientSampleId :

P026-SS001-2430-01

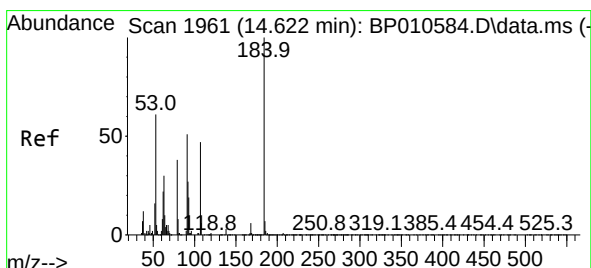
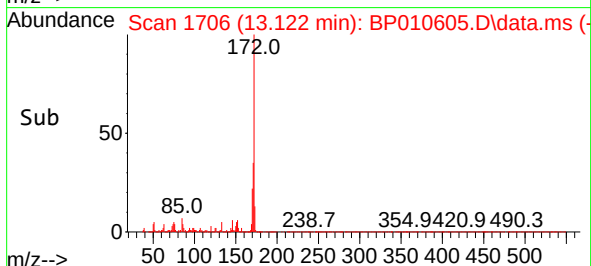
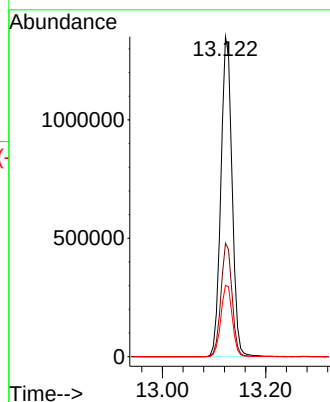
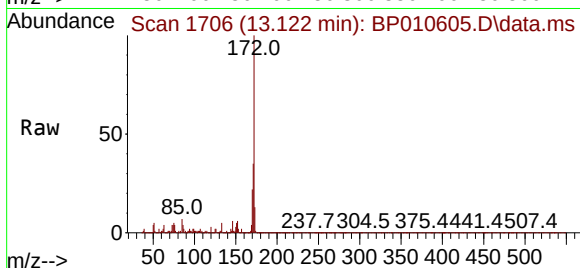
Tgt Ion:172 Resp: 2033349

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 22.3 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.656 ng

RT: 14.616 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BP010605.D

Acq: 28 May 2022 17:59

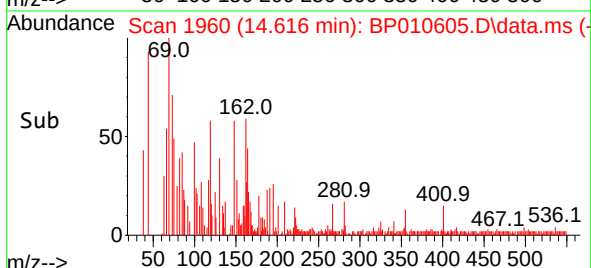
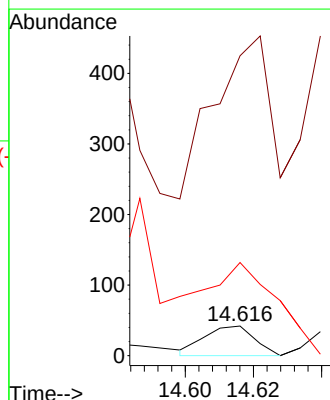
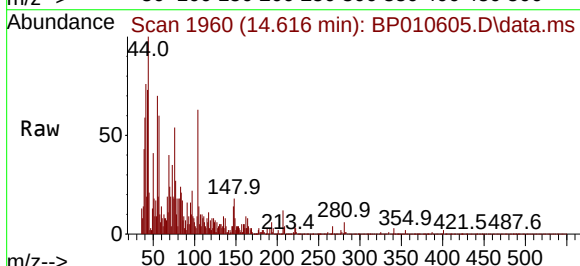
Tgt Ion:184 Resp: 43

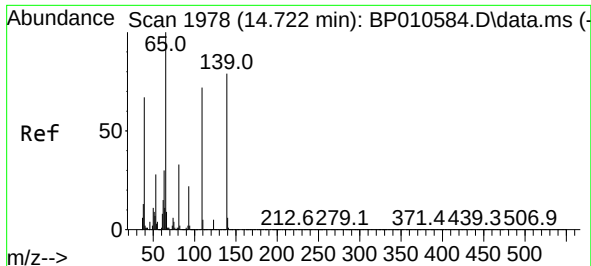
Ion Ratio Lower Upper

184 100

63 1011.9 65.4 98.2#

154 314.3 55.4 83.2#

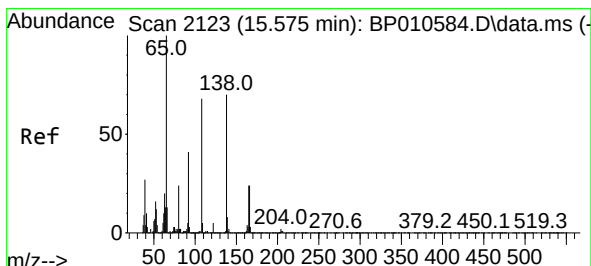
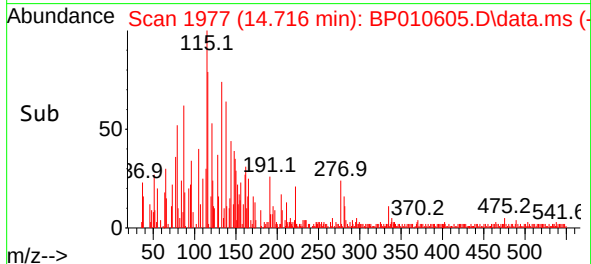
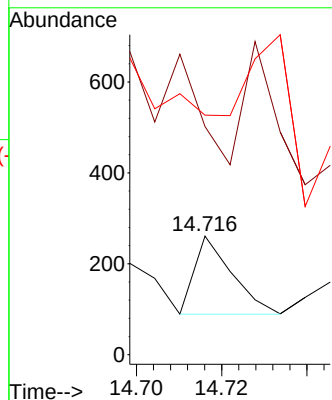
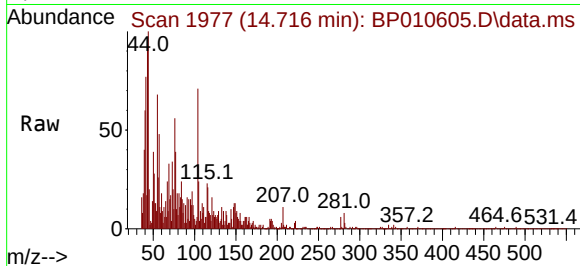




#56
4-Nitrophenol
Concen: 3.617 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

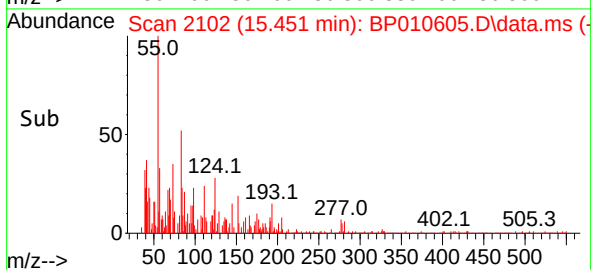
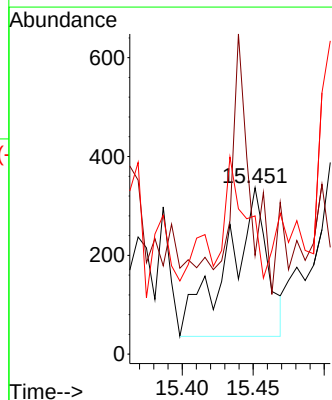
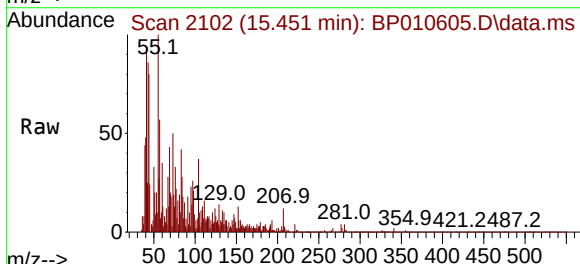
Instrument :
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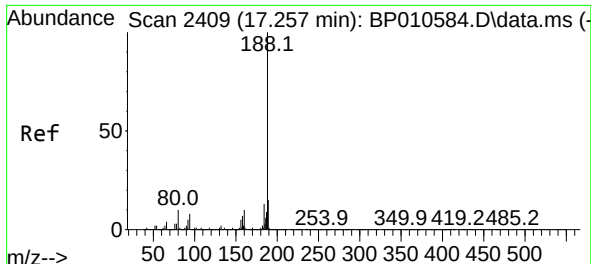
Tgt Ion:139 Resp: 105
Ion Ratio Lower Upper
139 100
109 192.3 70.6 110.6#
65 201.9 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.222 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.124 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

Tgt Ion:138 Resp: 594
Ion Ratio Lower Upper
138 100
92 59.3 38.0 78.0
108 83.1 77.6 117.6

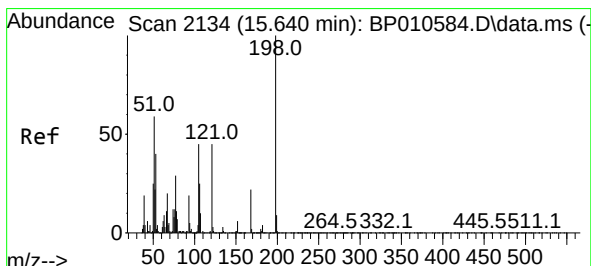
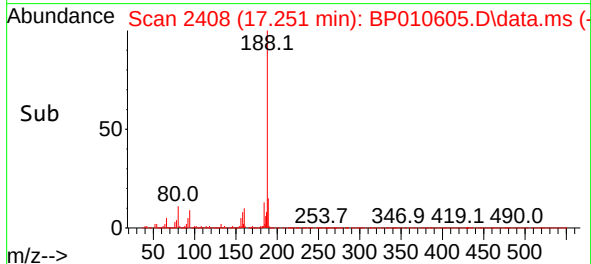
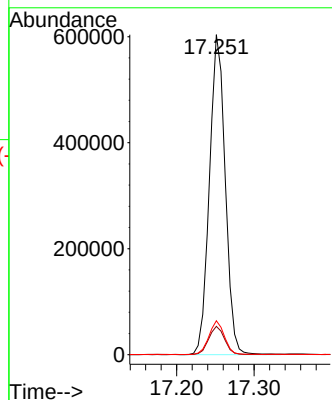
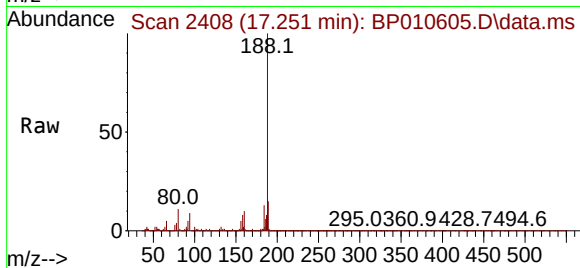




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

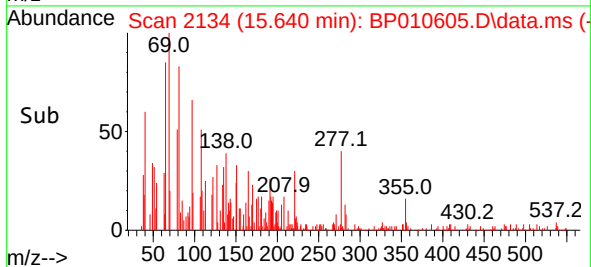
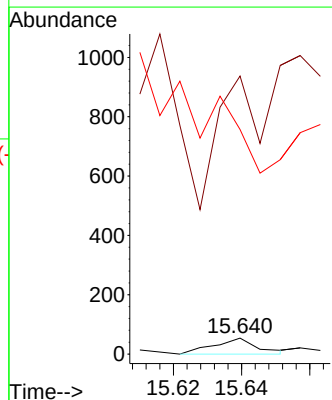
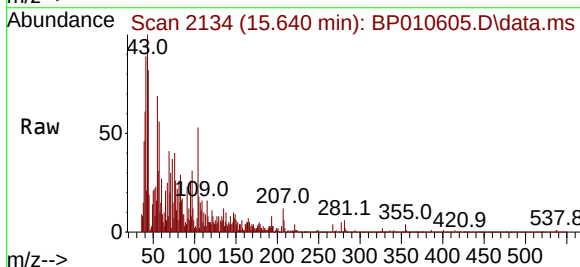
Instrument :
BNA_P
ClientSampleId :
P026-SS001-2430-01

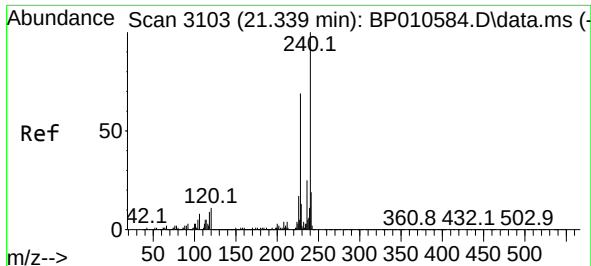
Tgt Ion:188 Resp: 854991
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 10.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.611 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

Tgt Ion:198 Resp: 48
Ion Ratio Lower Upper
198 100
51 1735.2 41.2 81.2#
105 1401.9 25.3 65.3#

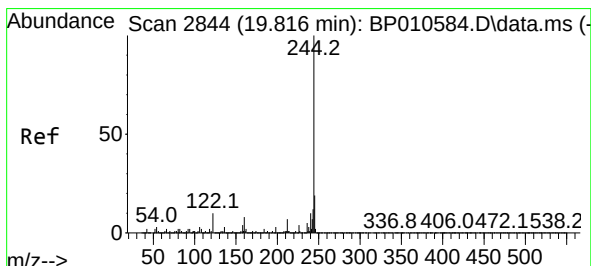
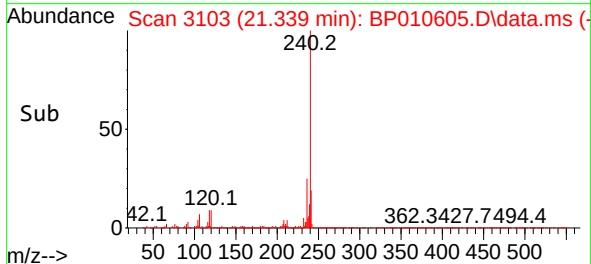
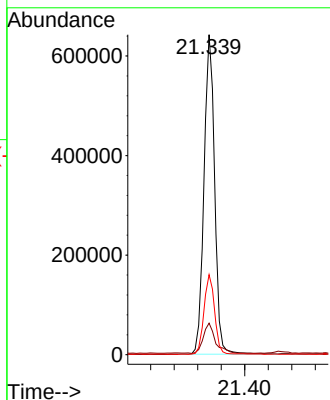
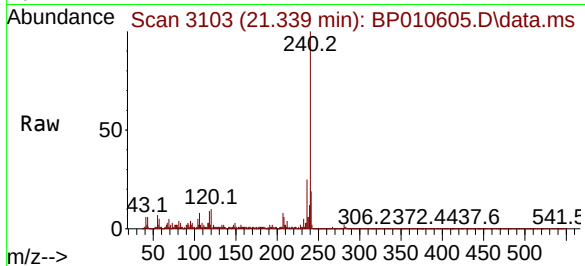




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

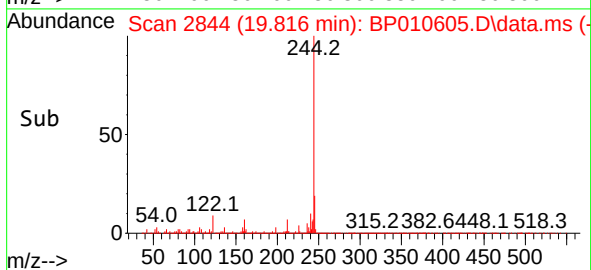
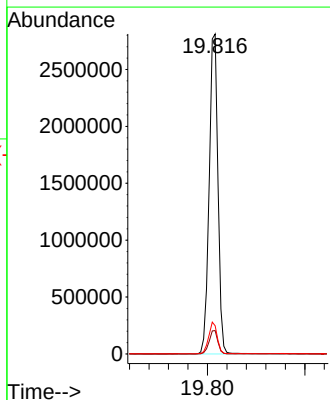
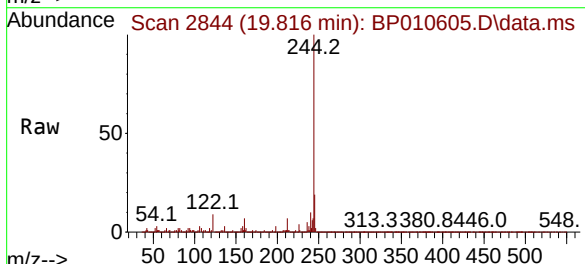
Instrument :
BNA_P
ClientSampleId :
P026-SS001-2430-01

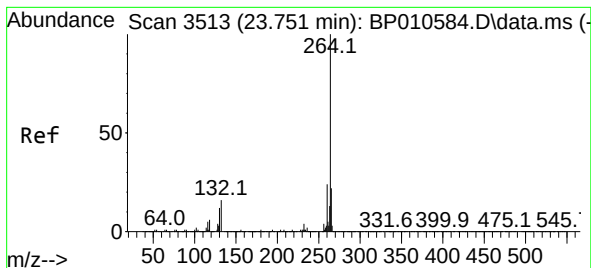
Tgt Ion:240 Resp: 811345
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.0 19.8 29.6



#79
Terphenyl-d14
Concen: 80.891 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010605.D
Acq: 28 May 2022 17:59

Tgt Ion:244 Resp: 3494112
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 8.8 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3513

Delta R.T. -0.000 min

Lab File: BP010605.D

Acq: 28 May 2022 17:59

Instrument :

BNA_P

ClientSampleId :

P026-SS001-2430-01

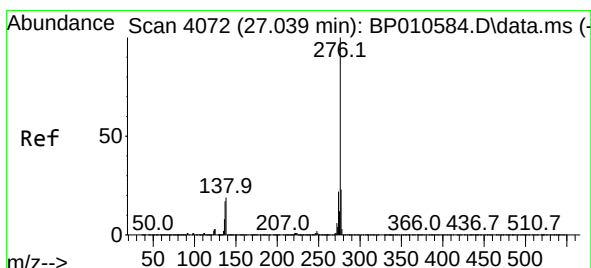
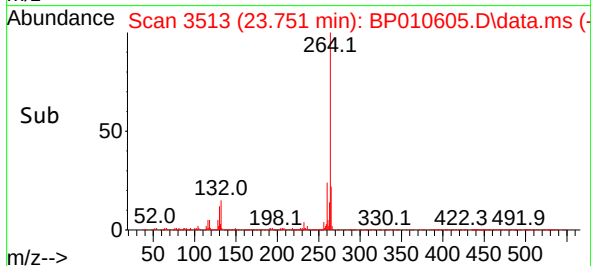
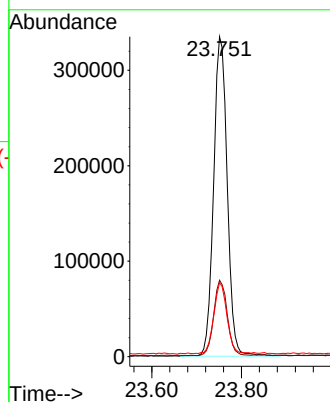
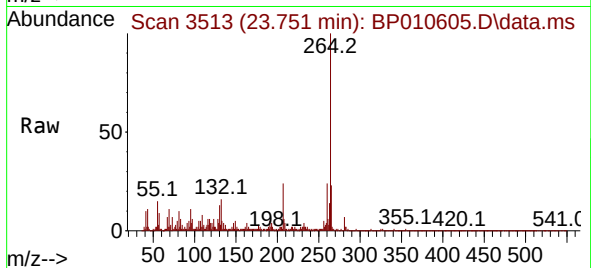
Tgt Ion:264 Resp: 705603

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 23.2 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 3.156 ng

RT: 27.039 min Scan# 4072

Delta R.T. -0.000 min

Lab File: BP010605.D

Acq: 28 May 2022 17:59

Tgt Ion:276 Resp: 134969

Ion Ratio Lower Upper

276 100

277 31.8 18.7 28.1#

138 19.7 15.2 22.8

