

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010633.D
 Acq On : 29 May 2022 23:07
 Operator : CG/JU
 Sample : N2934-04DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P025-SS001-1218-01DL

Quant Time: May 30 02:08:42 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)

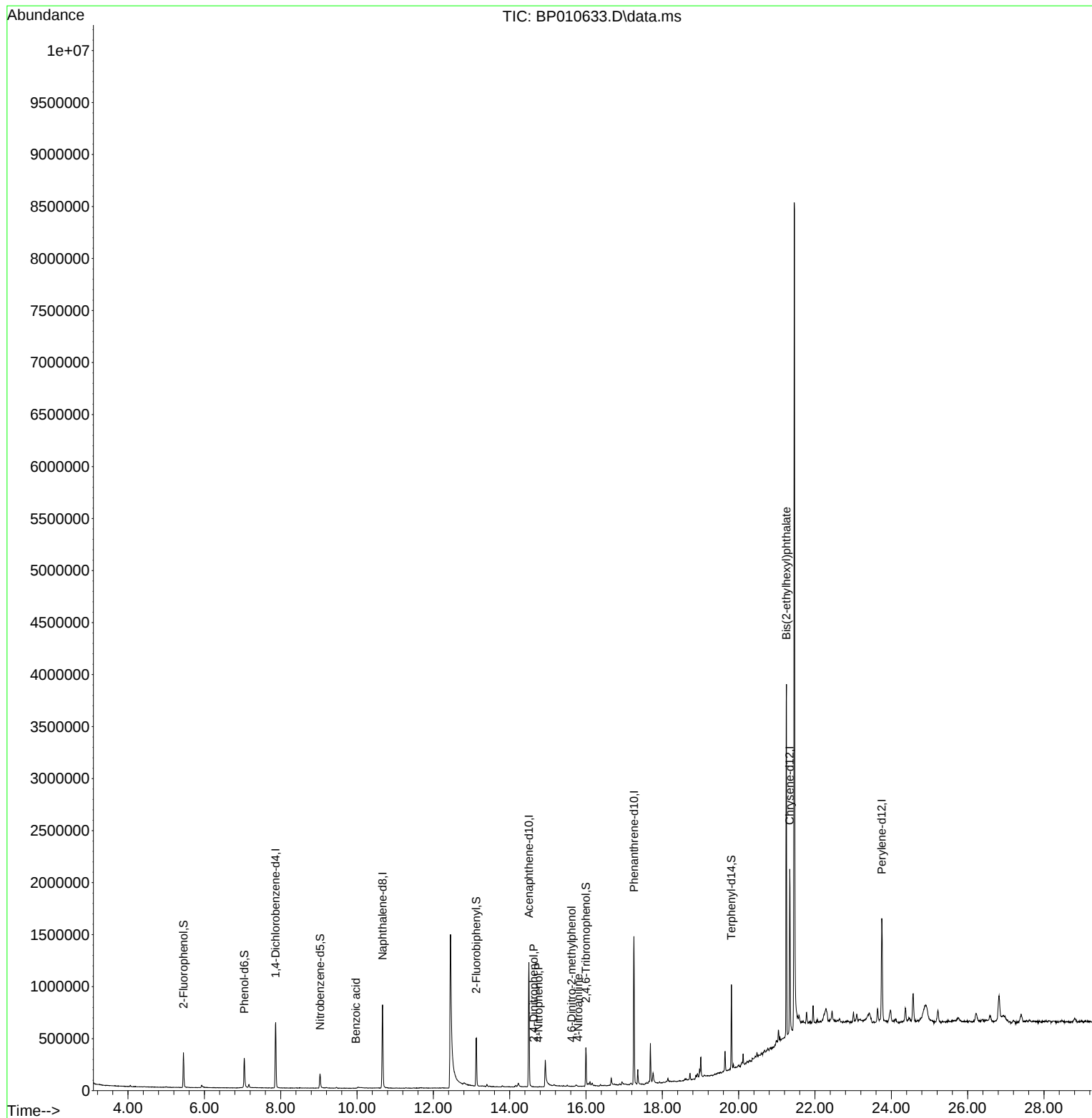
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	165758	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	650386	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	410035	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	846123	20.000	ng	0.00
76) Chrysene-d12	21.339	240	747844	20.000	ng	0.00
86) Perylene-d12	23.751	264	746900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	134519	14.805	ng	0.00
7) Phenol-d6	7.046	99	167477	12.984	ng	0.00
23) Nitrobenzene-d5	9.034	82	89332	6.494	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	62395	13.443	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	245876	8.510	ng	0.00
79) Terphenyl-d14	19.810	244	378420	9.505	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.969	122	170	7.348	ng	# 69
54) 2,4-Dinitrophenol	14.628	184	26	6.652	ng	# 1
56) 4-Nitrophenol	14.757	139	140	3.623	ng	# 71
62) 4-Nitroaniline	15.798	138	109	2.149	ng	# 87
65) 4,6-Dinitro-2-methylph...	15.622	198	40	4.609	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.251	149	1073141	37.090	ng	# 99

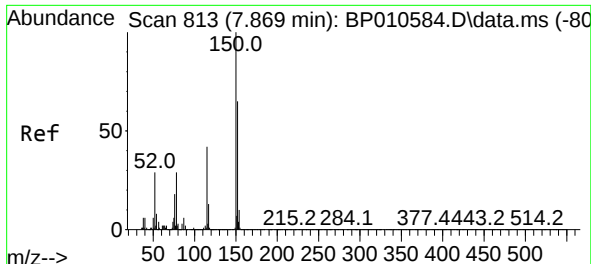
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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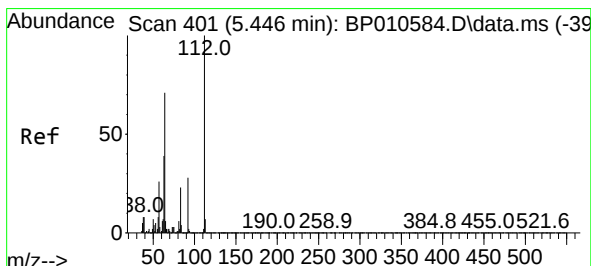
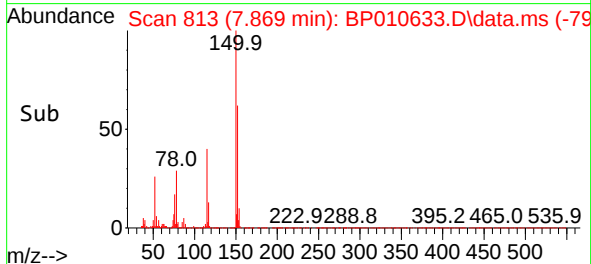
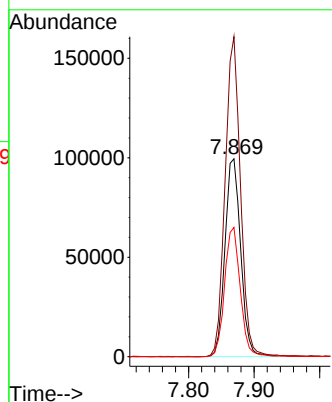
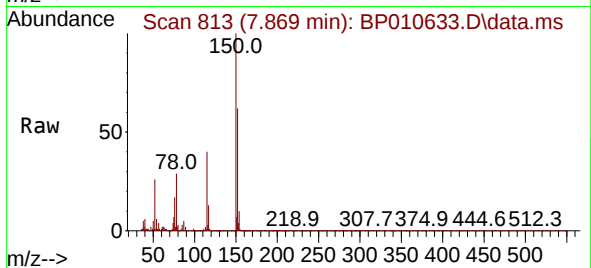




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

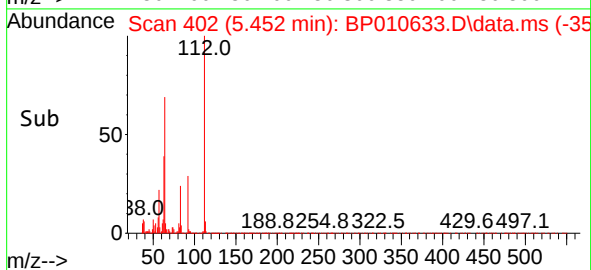
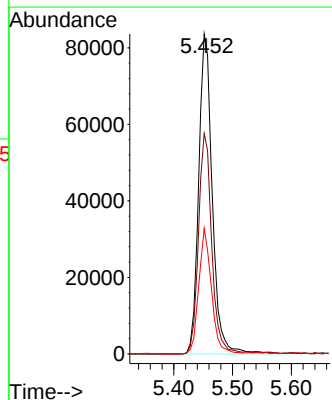
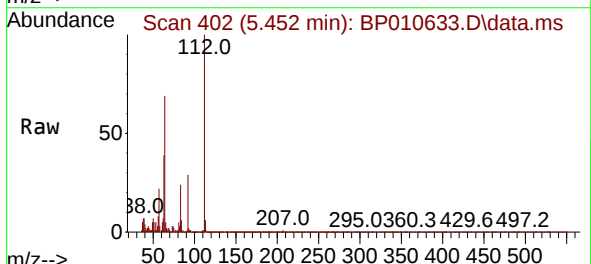
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01DL

Tgt Ion:152 Resp: 165758
Ion Ratio Lower Upper
152 100
150 161.7 123.4 185.2
115 65.3 51.3 76.9



#5
2-Fluorophenol
Concen: 14.805 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

Tgt Ion:112 Resp: 134519
Ion Ratio Lower Upper
112 100
64 68.8 56.9 85.3
63 39.3 31.2 46.8

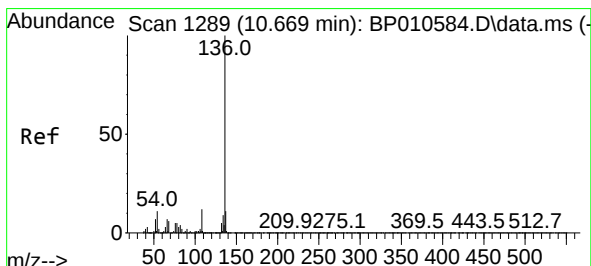
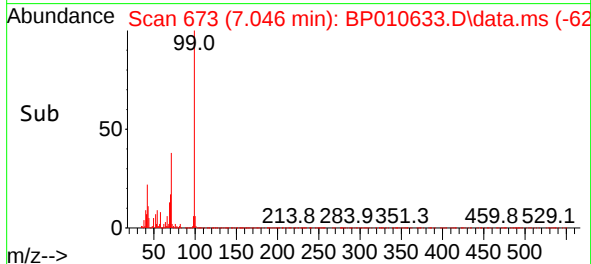
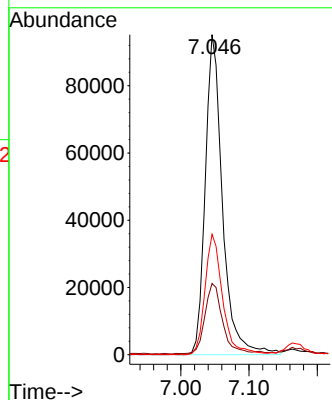
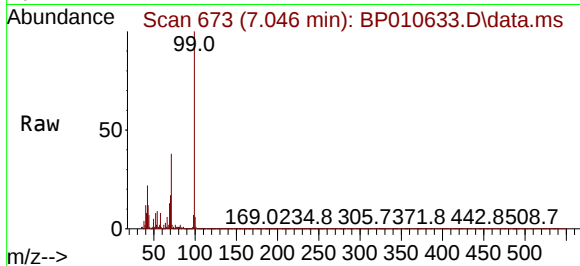




#7
Phenol-d6
Concen: 12.984 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

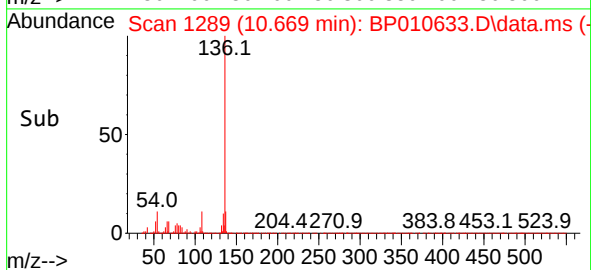
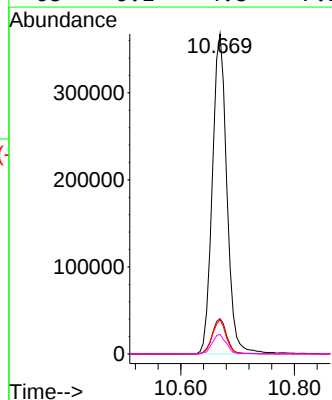
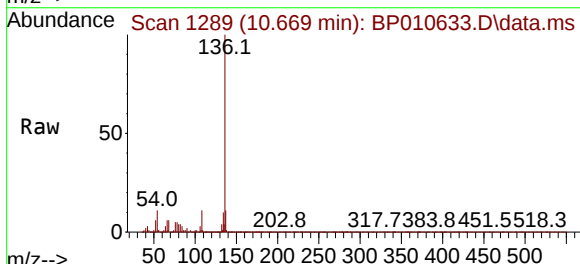
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01DL

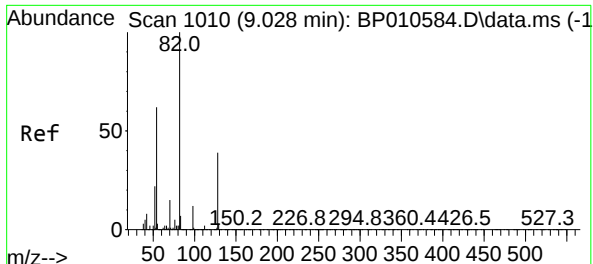
Tgt Ion: 99 Resp: 167477
Ion Ratio Lower Upper
99 100
42 22.2 20.3 30.5
71 37.6 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

Tgt Ion: 136 Resp: 650386
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.7 8.7 13.1
68 6.1 4.8 7.2

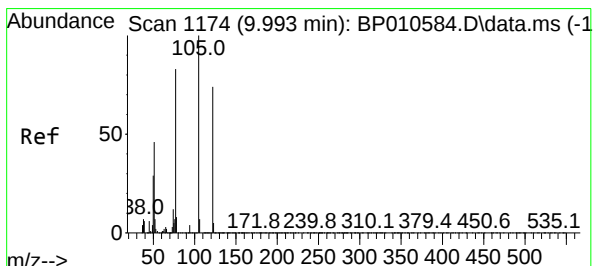
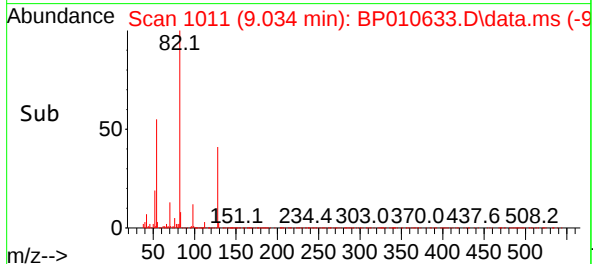
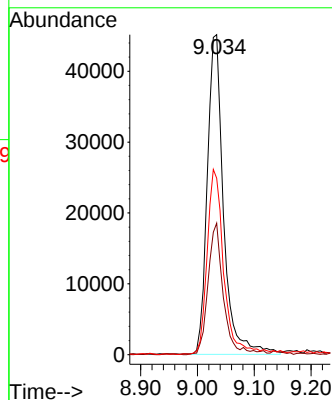
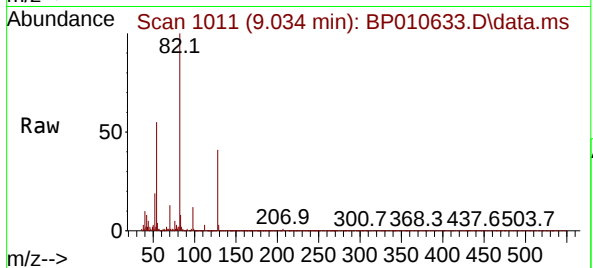




#23
Nitrobenzene-d5
Concen: 6.494 ng
RT: 9.034 min Scan# 110
Delta R.T. 0.006 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

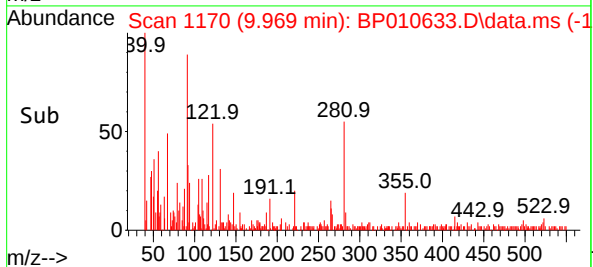
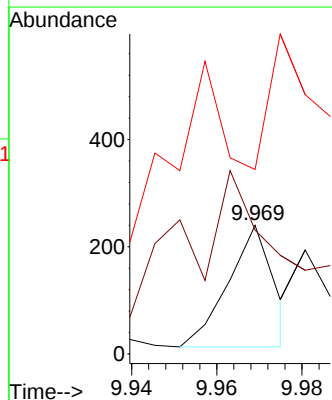
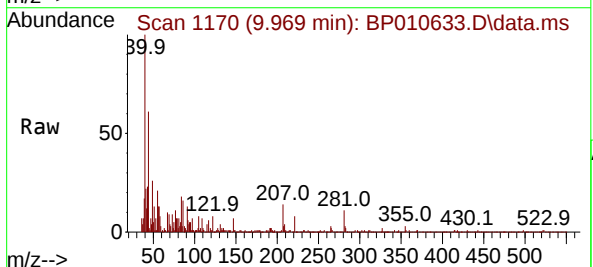
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01DL

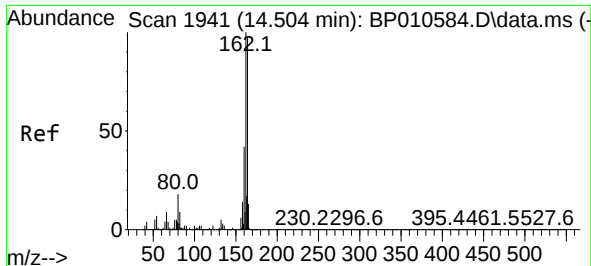
Tgt Ion: 82 Resp: 89332
Ion Ratio Lower Upper
82 100
128 41.1 31.3 46.9
54 55.1 49.8 74.8



#32
Benzoic acid
Concen: 7.348 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.024 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

Tgt Ion: 122 Resp: 170
Ion Ratio Lower Upper
122 100
105 95.5 112.6 152.6#
77 142.1 90.2 130.2#

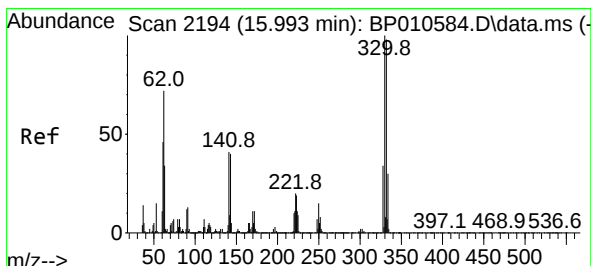
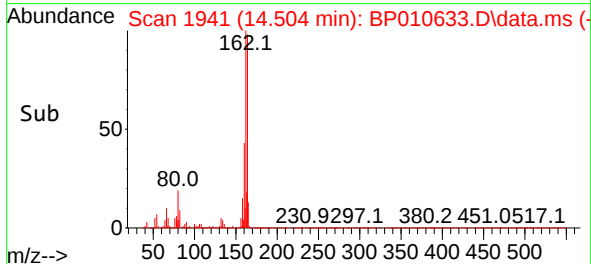
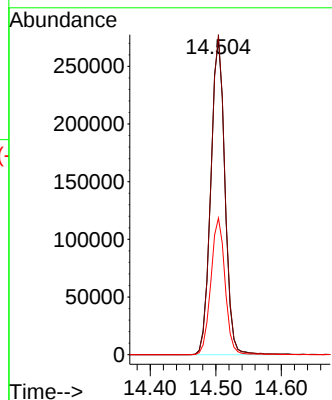
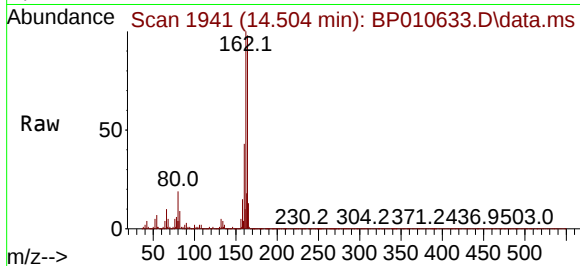




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

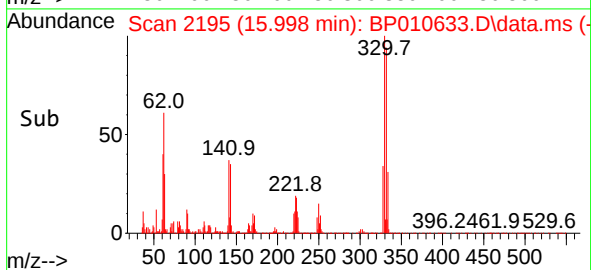
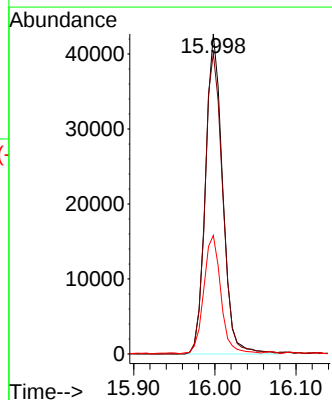
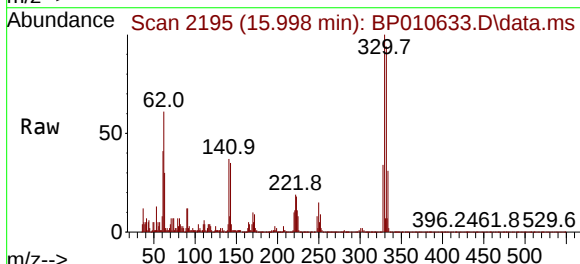
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01DL

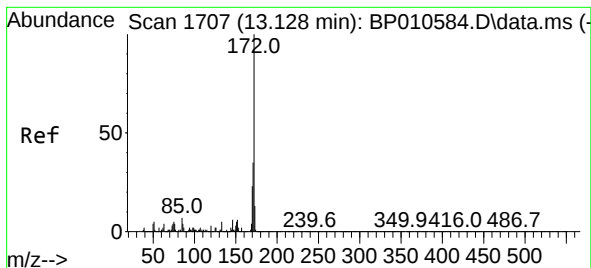
Tgt Ion:164 Resp: 410035
Ion Ratio Lower Upper
164 100
162 101.9 81.9 122.9
160 43.5 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 13.443 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

Tgt Ion:330 Resp: 62395
Ion Ratio Lower Upper
330 100
332 97.1 78.1 117.1
141 36.9 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 8.510 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010633.D

Acq: 29 May 2022 23:07

Instrument :

BNA_P

ClientSampleId :

P025-SS001-1218-01DL

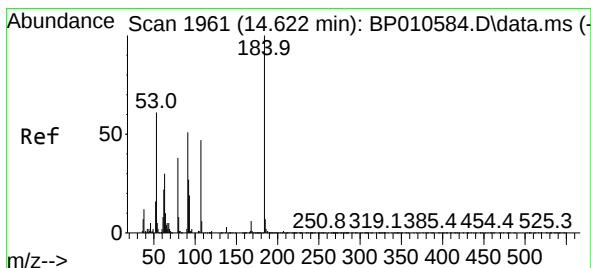
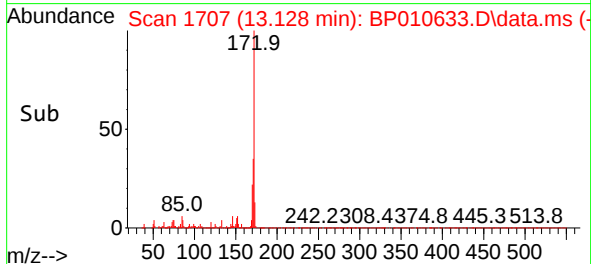
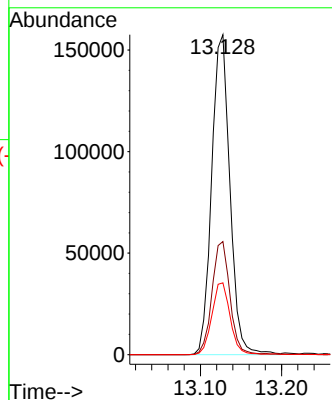
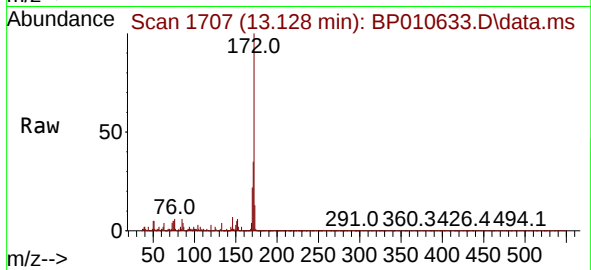
Tgt Ion:172 Resp: 245876

Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 22.5 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.652 ng

RT: 14.628 min Scan# 1962

Delta R.T. 0.006 min

Lab File: BP010633.D

Acq: 29 May 2022 23:07

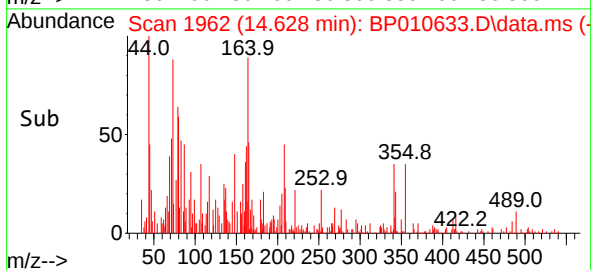
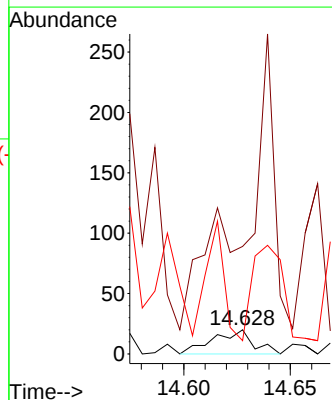
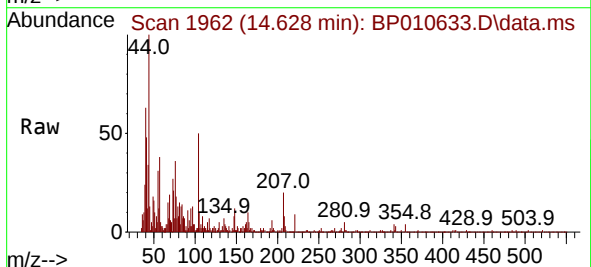
Tgt Ion:184 Resp: 26

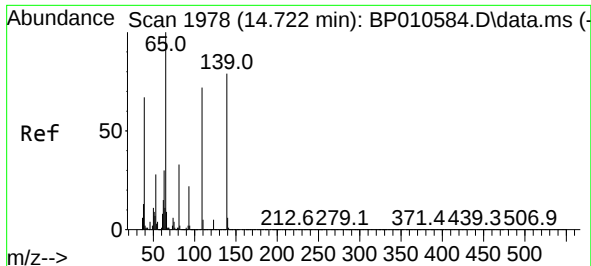
Ion Ratio Lower Upper

184 100

63 445.0 65.4 98.2#

154 55.0 55.4 83.2#

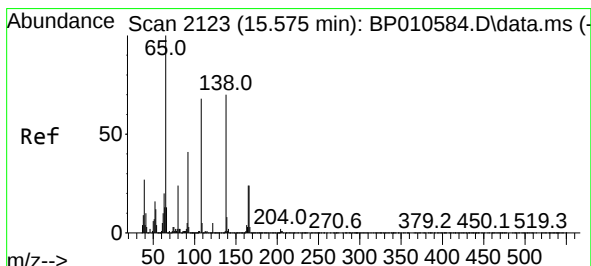
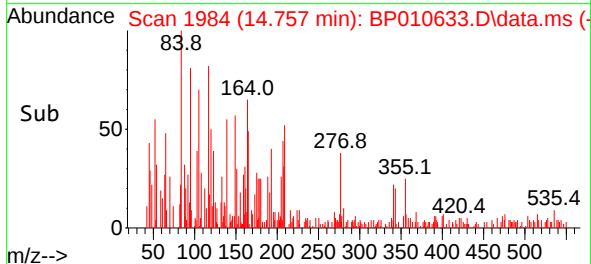
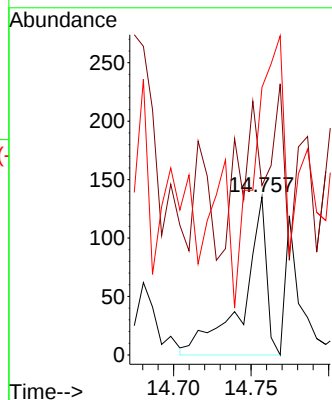
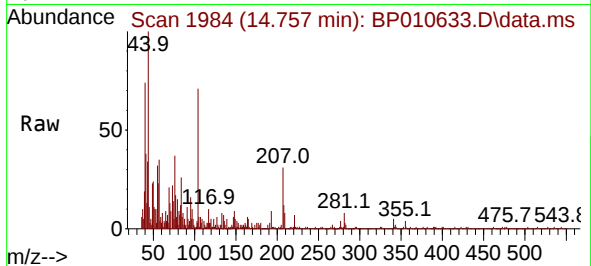




#56
4-Nitrophenol
Concen: 3.623 ng
RT: 14.757 min Scan# 1978
Delta R.T. 0.035 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

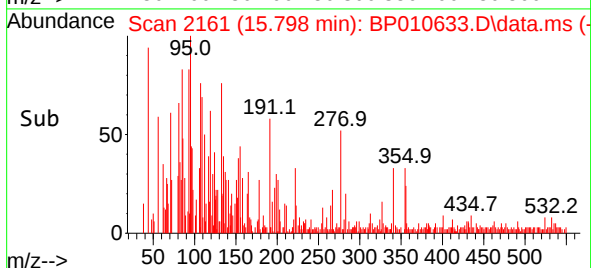
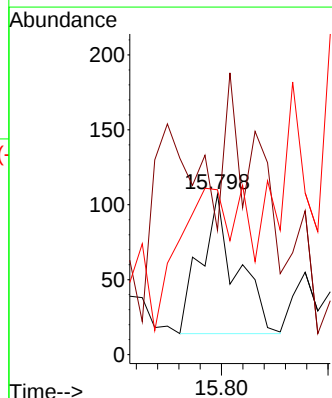
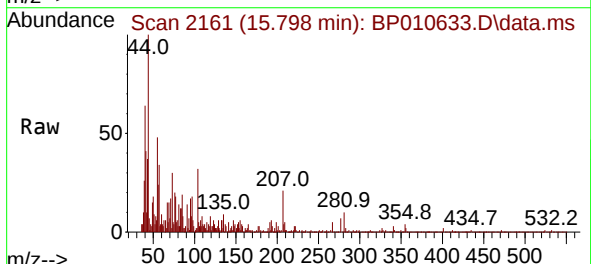
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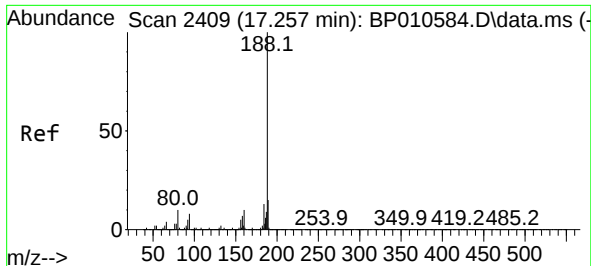
Tgt Ion:139 Resp: 140
Ion Ratio Lower Upper
139 100
109 107.4 70.6 110.6
65 169.6 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.149 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.223 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

Tgt Ion:138 Resp: 109
Ion Ratio Lower Upper
138 100
92 77.6 38.0 78.0
108 102.8 77.6 117.6

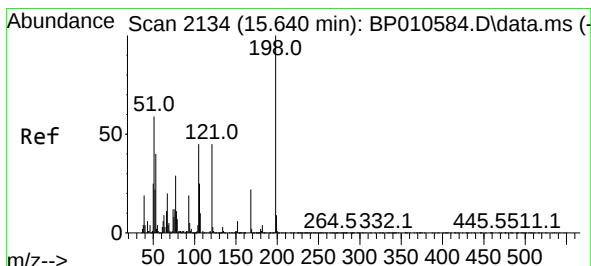
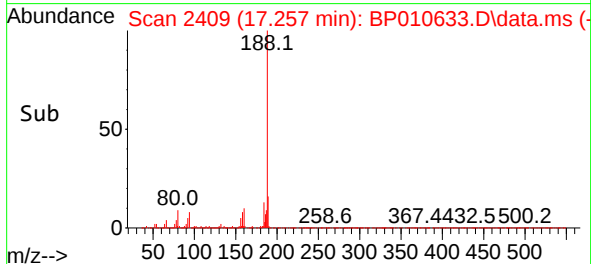
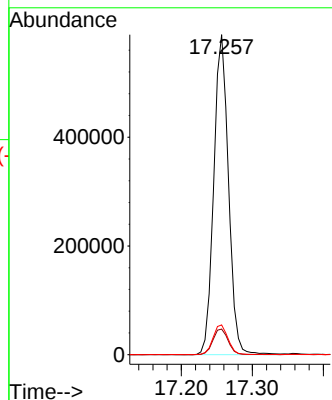
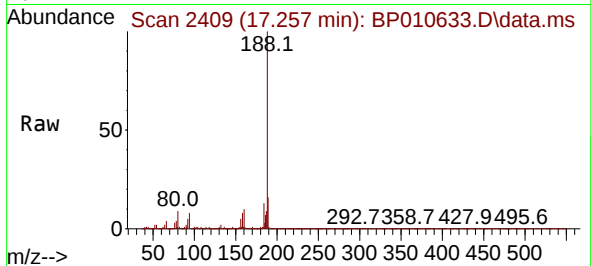




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

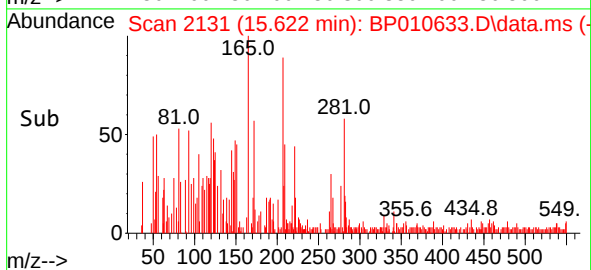
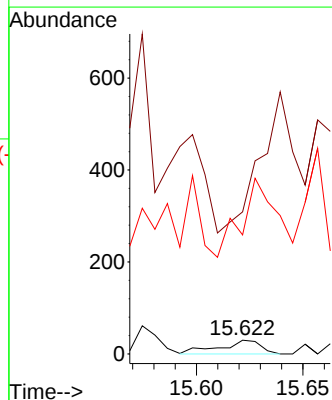
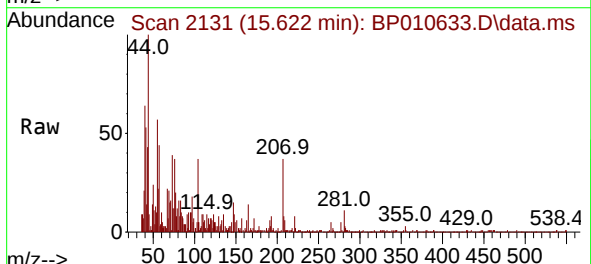
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01DL

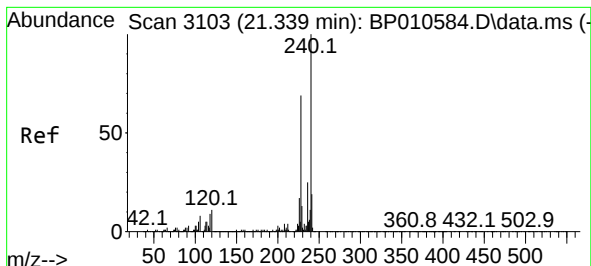
Tgt Ion:188 Resp: 846123
Ion Ratio Lower Upper
188 100
94 8.0 6.6 10.0
80 9.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.609 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.018 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

Tgt Ion:198 Resp: 40
Ion Ratio Lower Upper
198 100
51 1030.0 41.2 81.2#
105 863.3 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: BP010633.D

Acq: 29 May 2022 23:07

Instrument :

BNA_P

ClientSampleId :

P025-SS001-1218-01DL

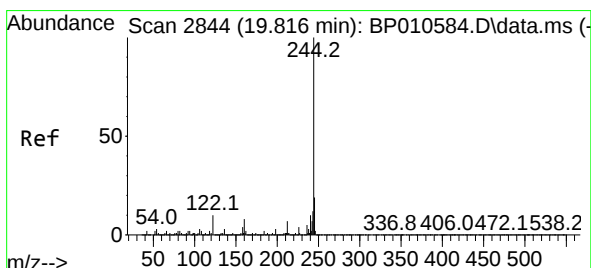
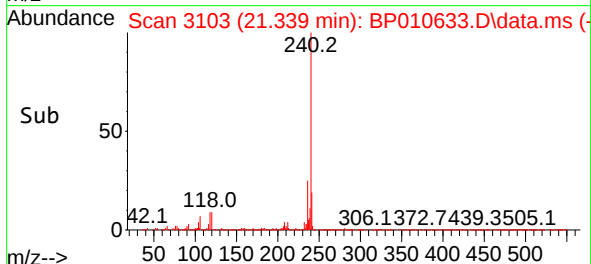
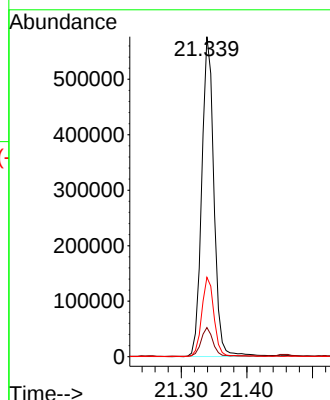
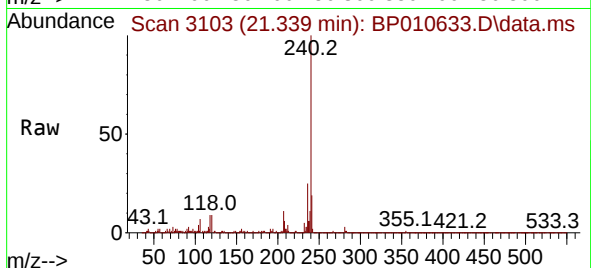
Tgt Ion:240 Resp: 747844

Ion Ratio Lower Upper

240 100

120 9.1 8.6 12.8

236 24.8 19.8 29.6



#79

Terphenyl-d14

Concen: 9.505 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010633.D

Acq: 29 May 2022 23:07

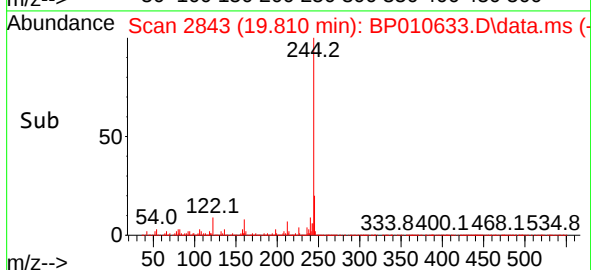
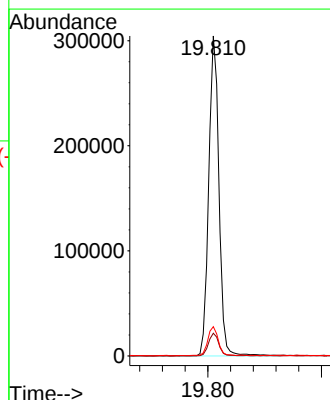
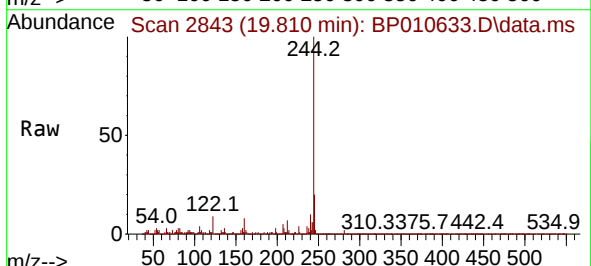
Tgt Ion:244 Resp: 378420

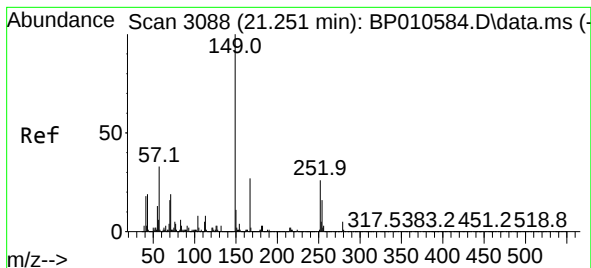
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.2 7.6 11.4

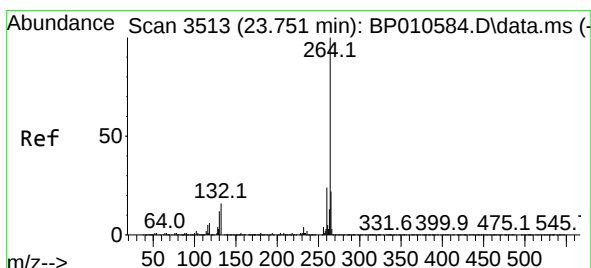
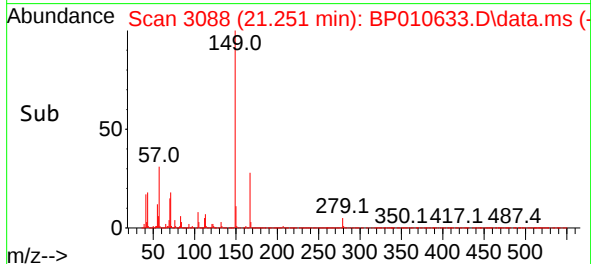
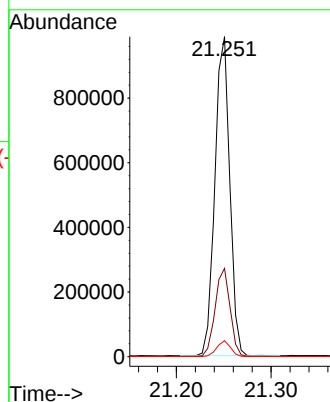
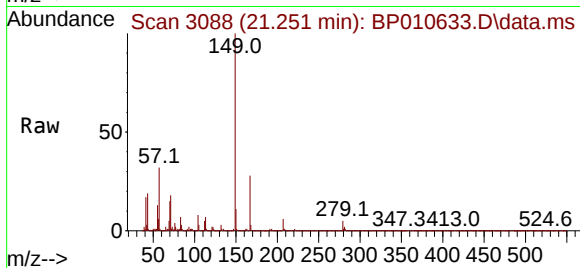




#84
Bis(2-ethylhexyl)phthalate
Concen: 37.090 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP010633.D
Acq: 29 May 2022 23:07

Instrument :
BNA_P
ClientSampleId :
P025-SS001-1218-01DL

Tgt Ion:149 Resp: 1073141
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.8
279 5.0 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: BP010633.D
Acq: 29 May 2022 23:07

Tgt Ion:264 Resp: 746900
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 22.0 18.0 27.0

