

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060322\
 Data File : BP010694.D
 Acq On : 03 Jun 2022 15:57
 Operator : CG/JU
 Sample : N3122-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TB-FOUND-0531

Quant Time: Jun 04 02:00:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 01:56:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

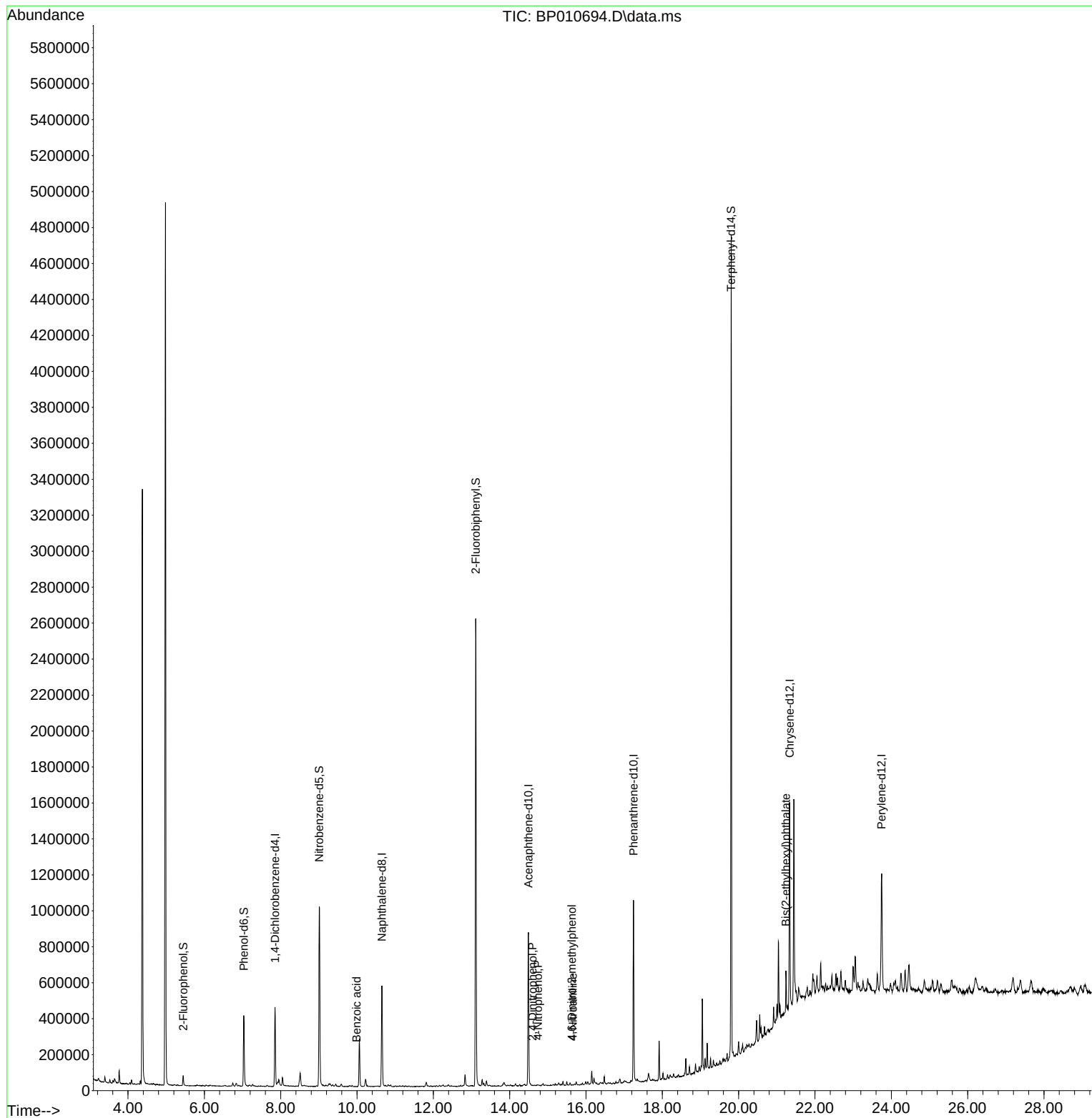
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	110009	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	458482	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	294957	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	609929	20.000	ng	0.00
76) Chrysene-d12	21.333	240	543184	20.000	ng	-0.01
86) Perylene-d12	23.745	264	528458	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	23014	3.816	ng	0.00
7) Phenol-d6	7.034	99	219948	25.693	ng	0.00
23) Nitrobenzene-d5	9.010	82	587417	60.574	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	2021	0.605	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1304151	62.752	ng	0.00
79) Terphenyl-d14	19.804	244	2083335	72.041	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	42	7.332	ng	# 1
54) 2,4-Dinitrophenol	14.598	184	15	6.651	ng	# 82
56) 4-Nitrophenol	14.739	139	204	3.649	ng	# 69
62) 4-Nitroaniline	15.657	138	72	2.148	ng	# 95
65) 4,6-Dinitro-2-methylph...	15.628	198	11	4.605	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.239	149	71400	3.398	ng	# 99

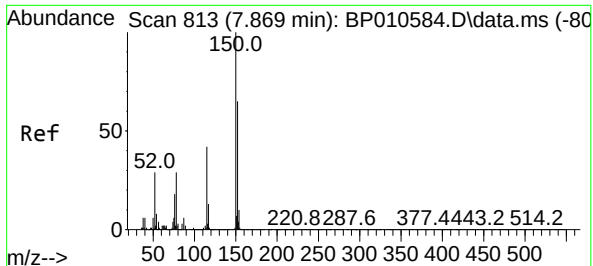
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 01:56:43 2022
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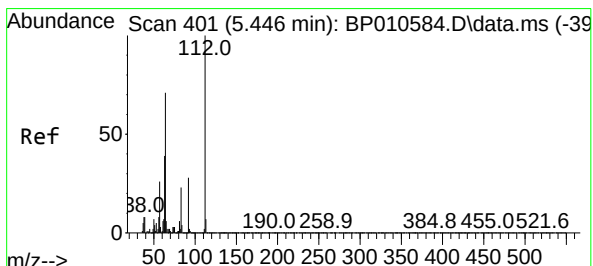
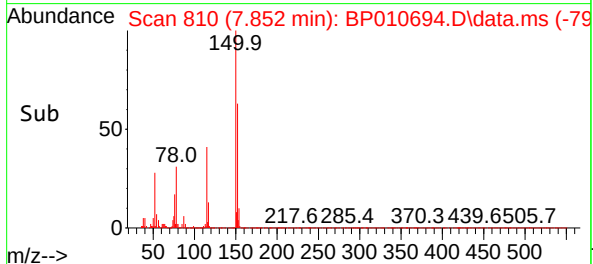
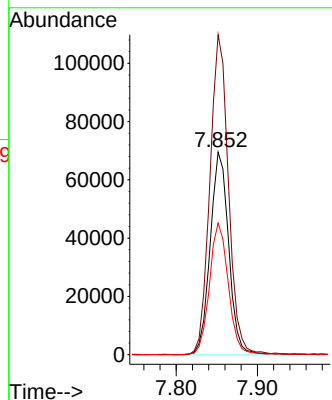
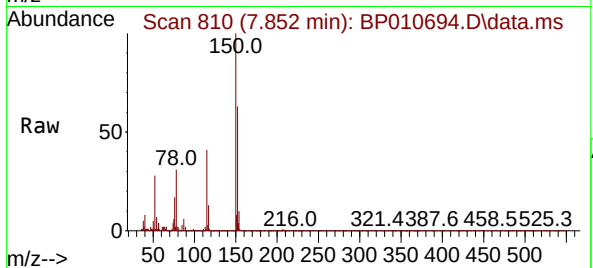




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 813
Delta R.T. -0.000 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

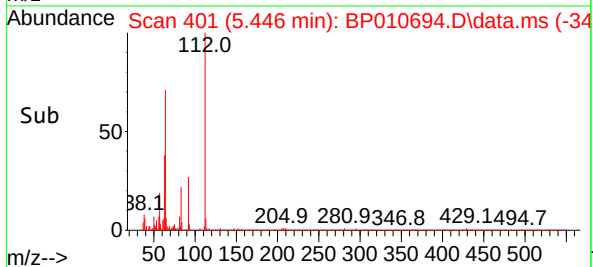
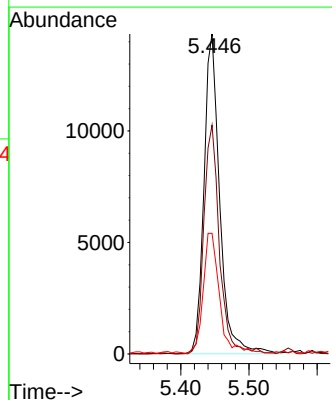
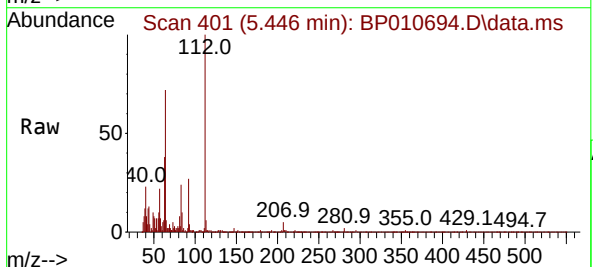
Instrument :
BNA_P
ClientSampleId :
TB-FOUND-0531

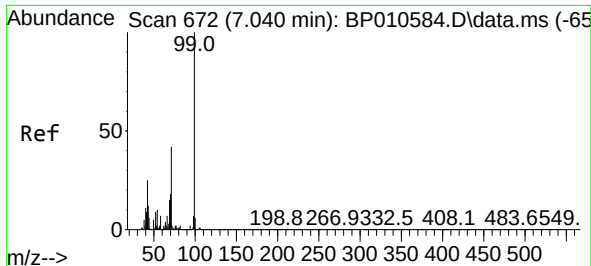
Tgt Ion:152 Resp: 110009
Ion Ratio Lower Upper
152 100
150 158.0 123.4 185.2
115 65.0 51.3 76.9



#5
2-Fluorophenol
Concen: 3.816 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

Tgt Ion:112 Resp: 23014
Ion Ratio Lower Upper
112 100
64 71.5 56.9 85.3
63 37.7 31.2 46.8

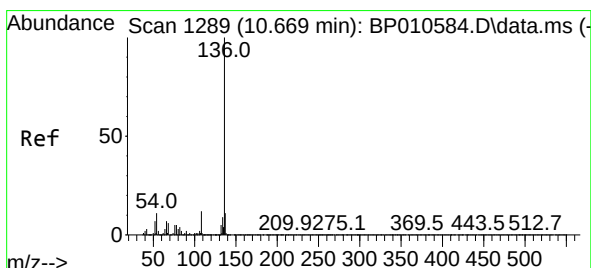
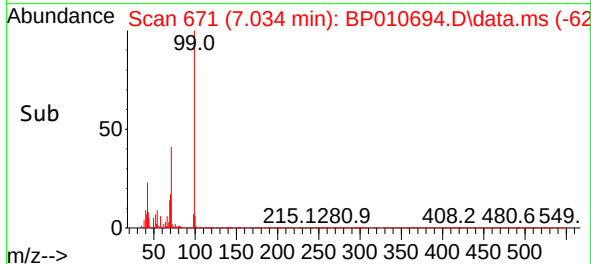
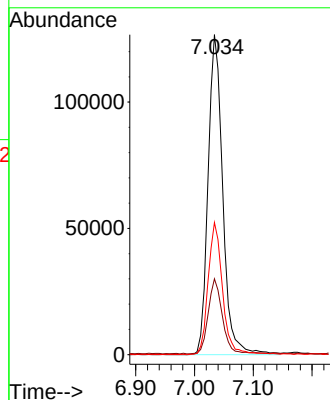
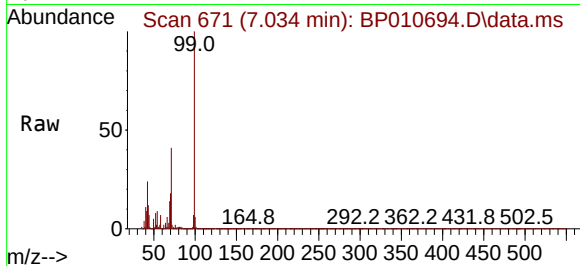




#7
Phenol-d6
Concen: 25.693 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

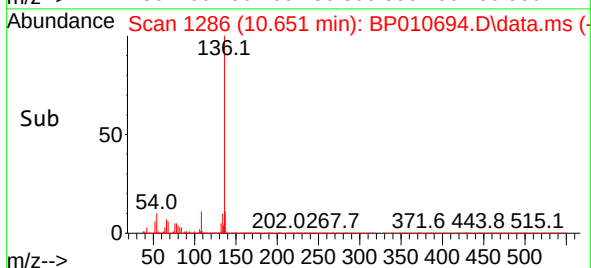
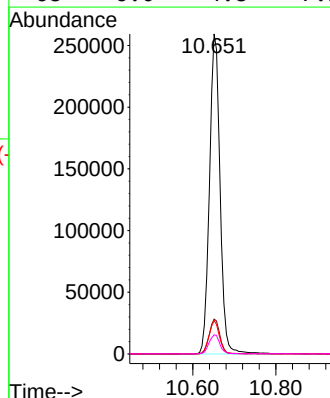
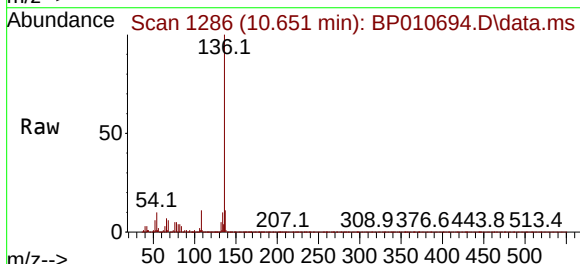
Instrument :
BNA_P
ClientSampleId :
TB-FOUND-0531

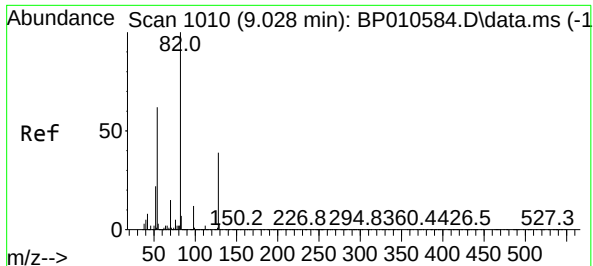
Tgt Ion: 99 Resp: 219948
Ion Ratio Lower Upper
99 100
42 23.7 20.3 30.5
71 41.3 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

Tgt Ion:136 Resp: 458482
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.4 8.7 13.1
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 60.574 ng

RT: 9.010 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP010694.D

Acq: 03 Jun 2022 15:57

Instrument :

BNA_P

ClientSampleId :

TB-FOUND-0531

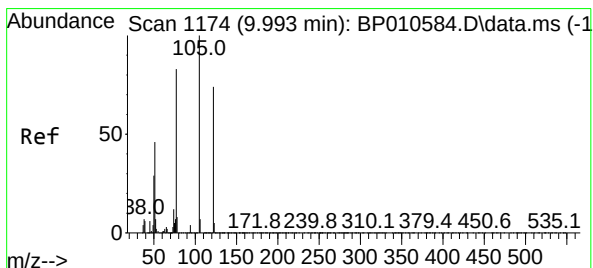
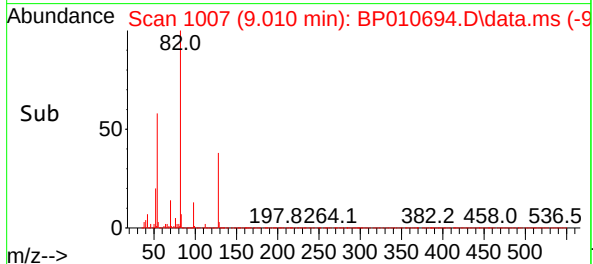
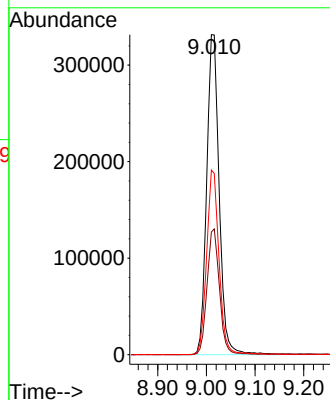
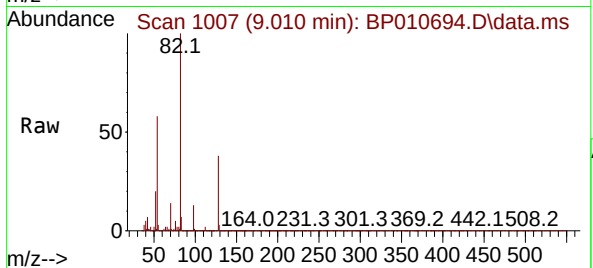
Tgt Ion: 82 Resp: 587417

Ion Ratio Lower Upper

82 100

128 38.4 31.3 46.9

54 57.7 49.8 74.8



#32

Benzoic acid

Concen: 7.332 ng

RT: 9.987 min Scan# 1173

Delta R.T. -0.035 min

Lab File: BP010694.D

Acq: 03 Jun 2022 15:57

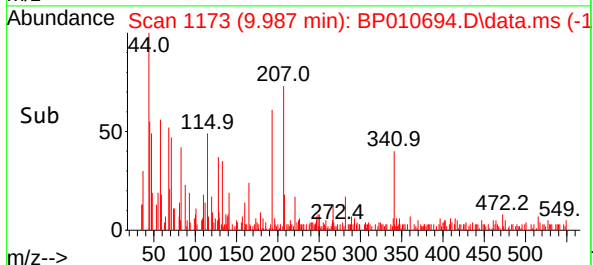
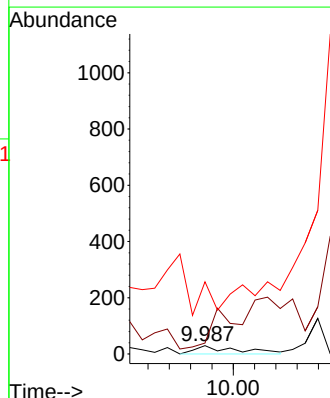
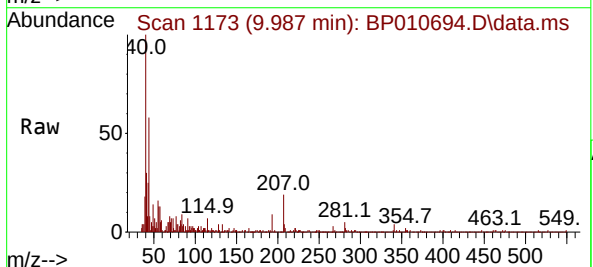
Tgt Ion: 122 Resp: 42

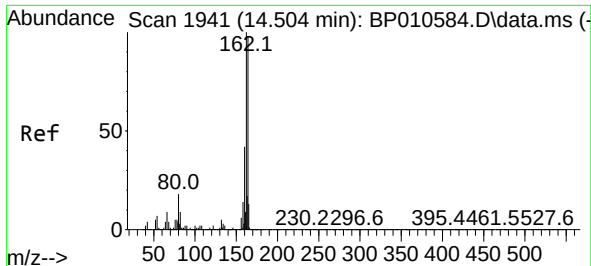
Ion Ratio Lower Upper

122 100

105 130.0 112.6 152.6

77 856.7 90.2 130.2#

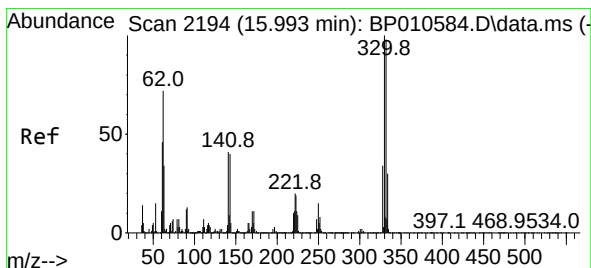
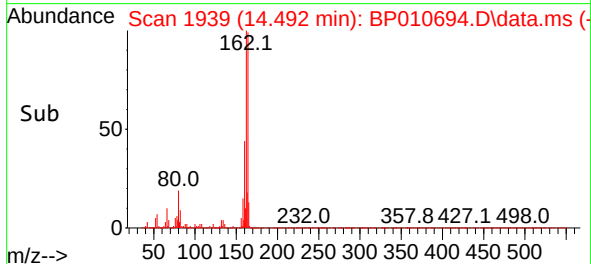
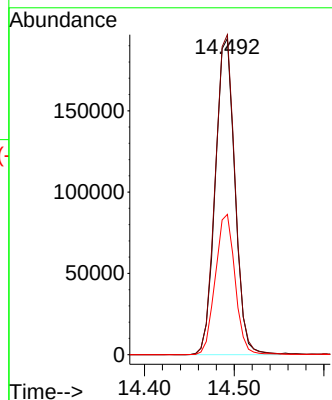
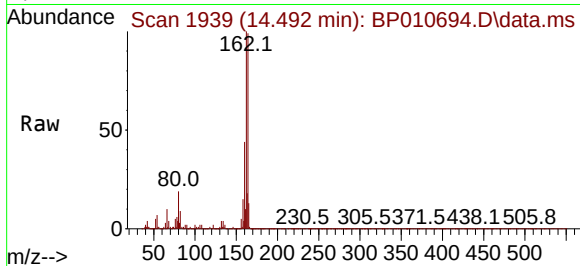




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

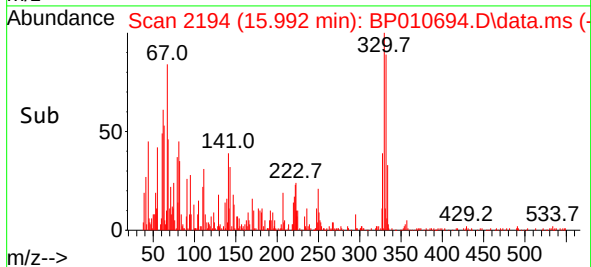
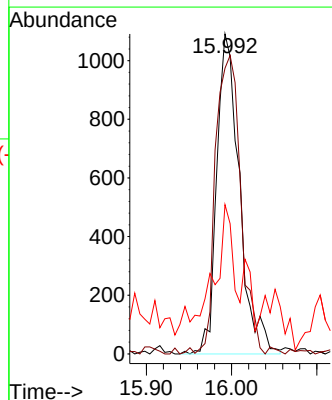
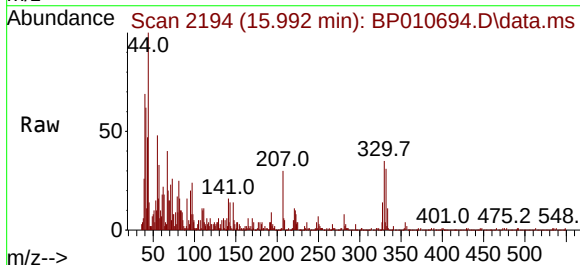
Instrument :
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TB-FOUND-0531

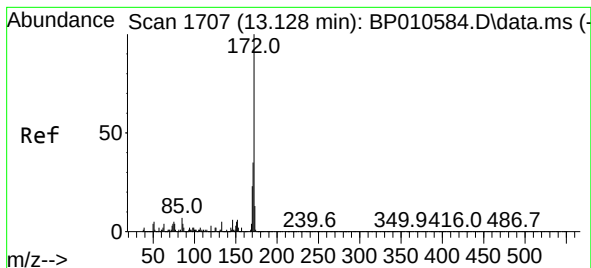
Tgt Ion:164 Resp: 294957
Ion Ratio Lower Upper
164 100
162 101.2 81.9 122.9
160 44.4 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 0.605 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

Tgt Ion:330 Resp: 2021
Ion Ratio Lower Upper
330 100
332 103.4 78.1 117.1
141 32.7 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 62.752 ng

RT: 13.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010694.D

Acq: 03 Jun 2022 15:57

Instrument :

BNA_P

ClientSampleId :

TB-FOUND-0531

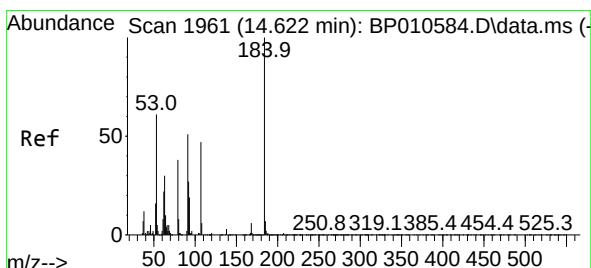
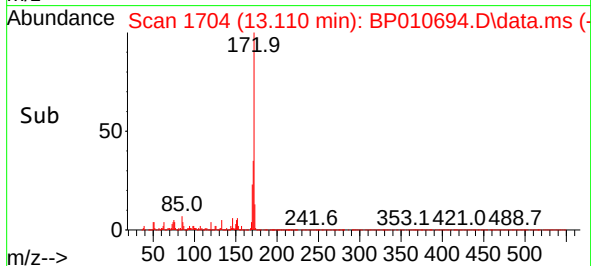
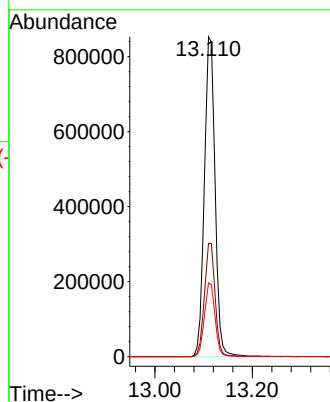
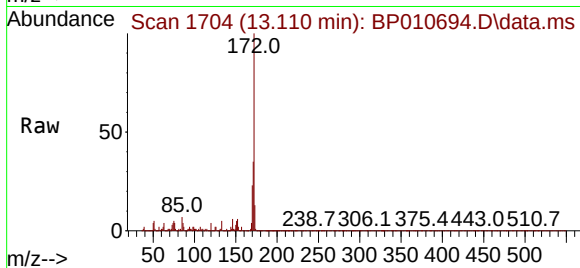
Tgt Ion:172 Resp: 1304151

Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.1 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.651 ng

RT: 14.598 min Scan# 1957

Delta R.T. -0.024 min

Lab File: BP010694.D

Acq: 03 Jun 2022 15:57

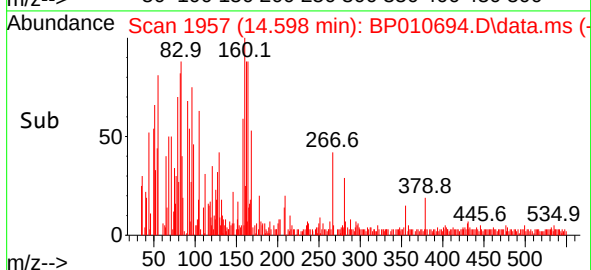
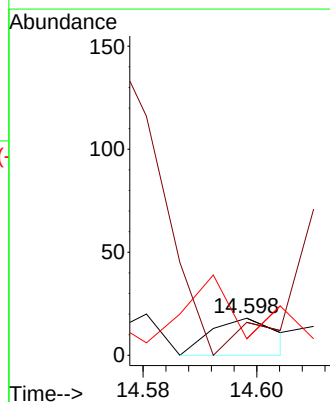
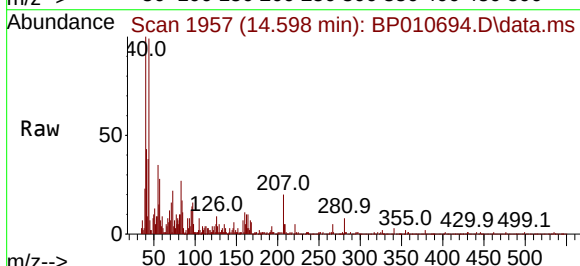
Tgt Ion:184 Resp: 15

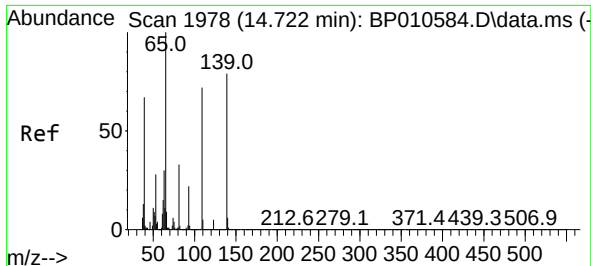
Ion Ratio Lower Upper

184 100

63 88.9 65.4 98.2

154 44.4 55.4 83.2#

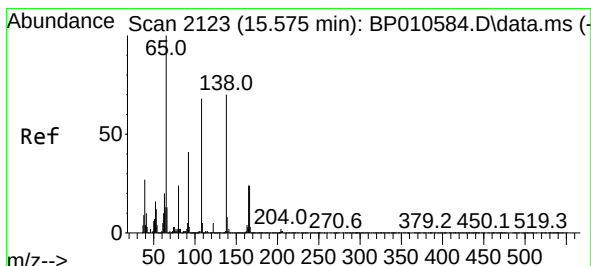
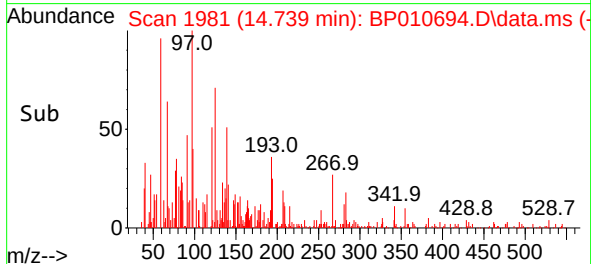
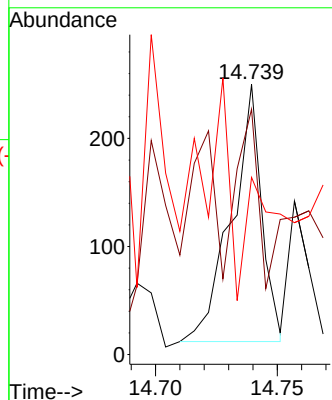
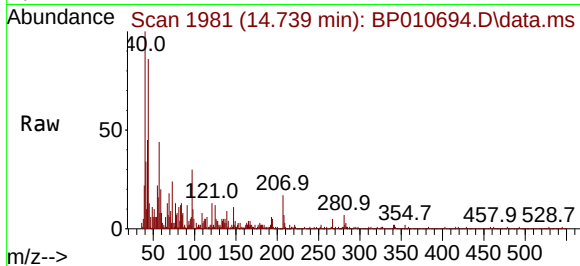




#56
4-Nitrophenol
Concen: 3.649 ng
RT: 14.739 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

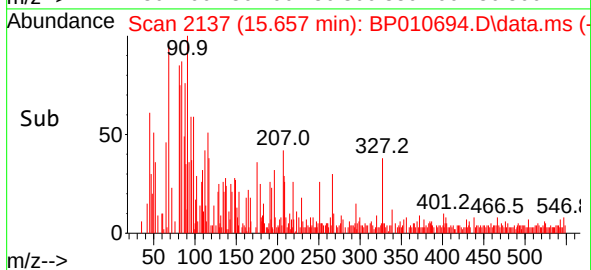
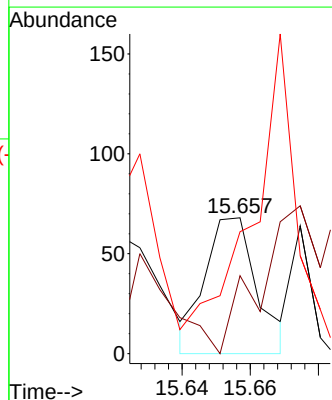
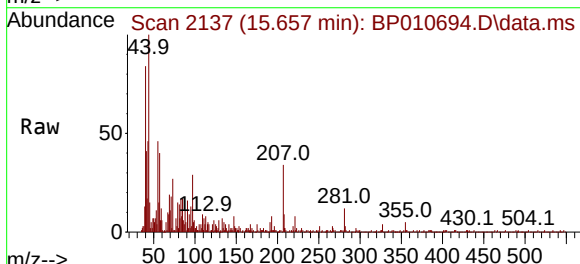
Instrument :
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TB-FOUND-0531

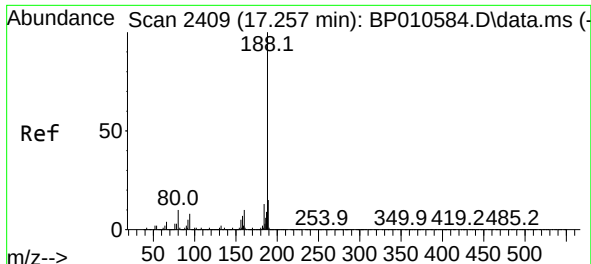
Tgt Ion:139 Resp: 204
Ion Ratio Lower Upper
139 100
109 90.8 70.6 110.6
65 65.6 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.148 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.082 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

Tgt Ion:138 Resp: 72
Ion Ratio Lower Upper
138 100
92 57.4 38.0 78.0
108 89.7 77.6 117.6

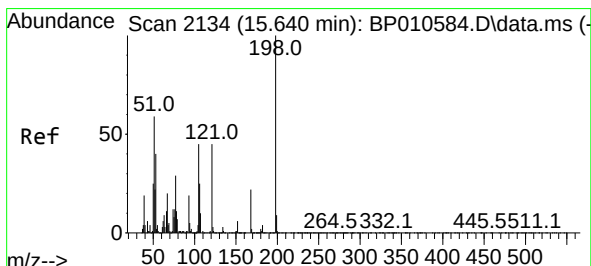
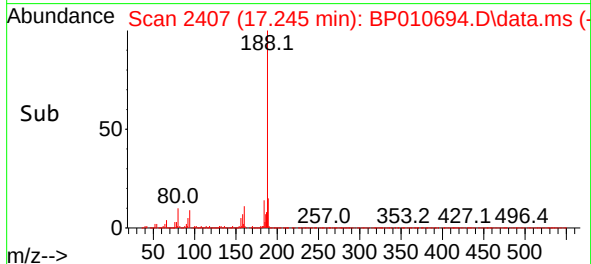
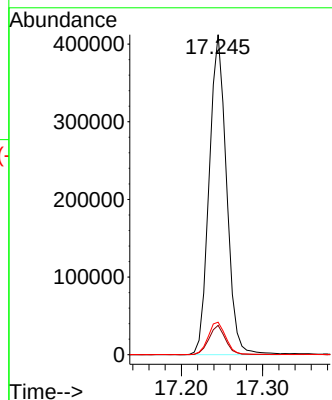
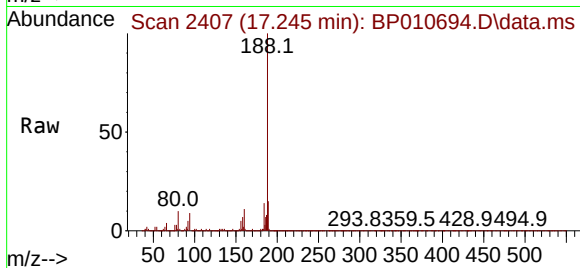




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

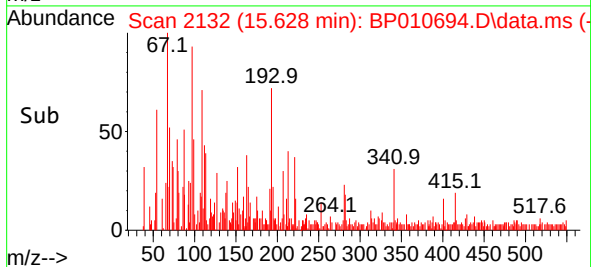
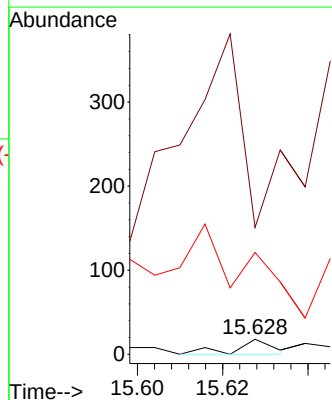
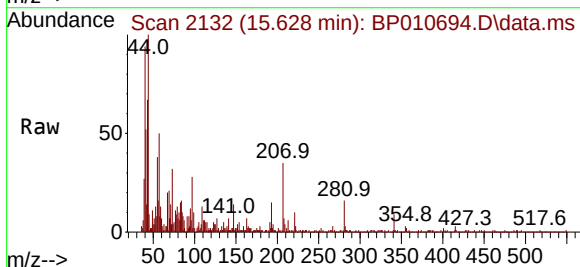
Instrument :
BNA_P
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TB-FOUND-0531

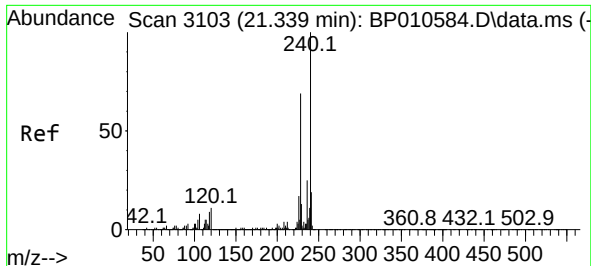
Tgt Ion:188 Resp: 609929
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 10.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.605 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 838.9 41.2 81.2#
105 672.2 25.3 65.3#

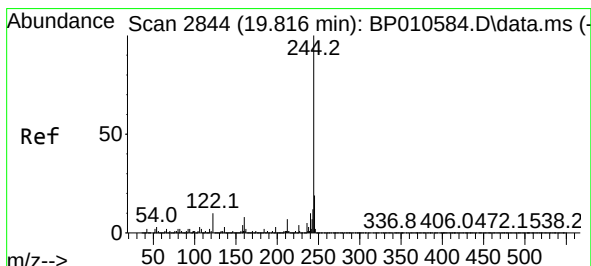
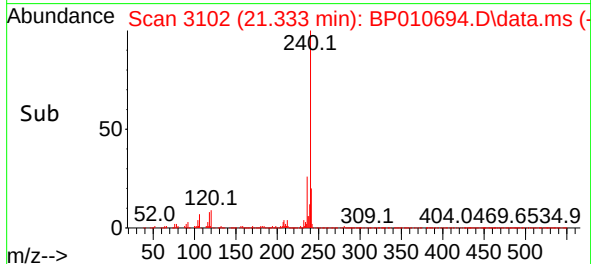
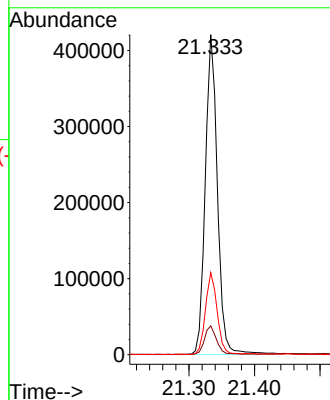
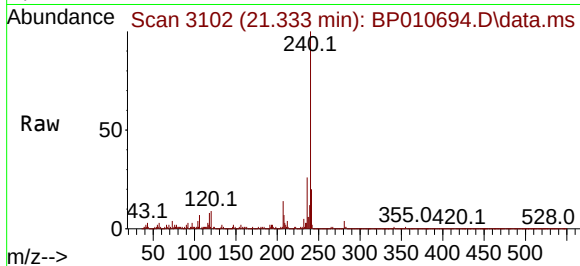




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

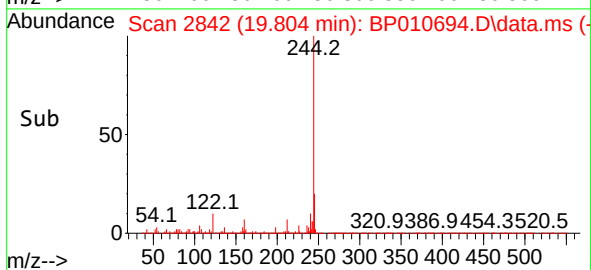
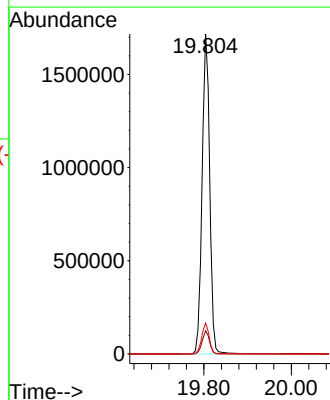
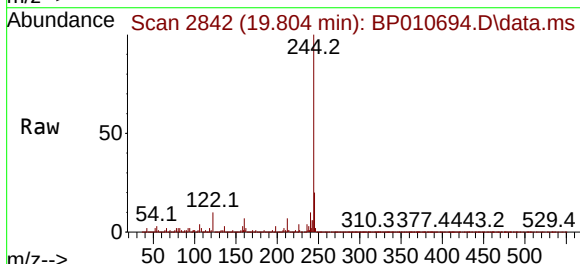
Instrument :
BNA_P
ClientSampleId :
TB-FOUND-0531

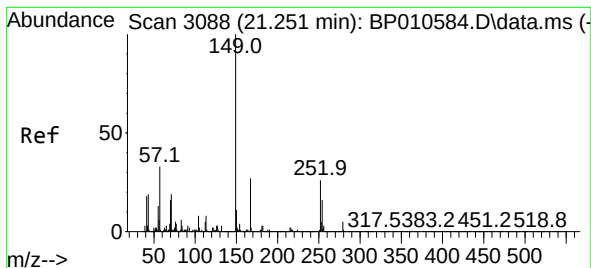
Tgt Ion:240 Resp: 543184
Ion Ratio Lower Upper
240 100
120 9.0 8.6 12.8
236 25.7 19.8 29.6



#79
Terphenyl-d14
Concen: 72.041 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP010694.D
Acq: 03 Jun 2022 15:57

Tgt Ion:244 Resp: 2083335
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.7 7.6 11.4

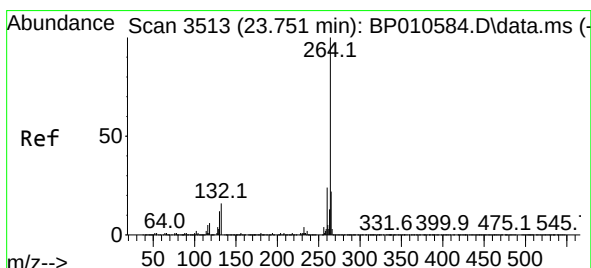
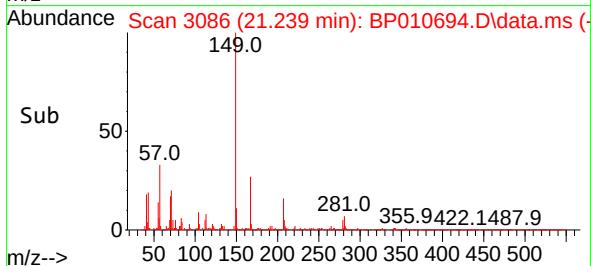
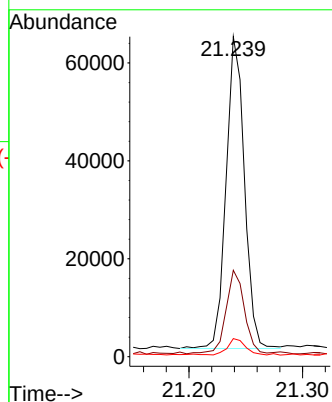
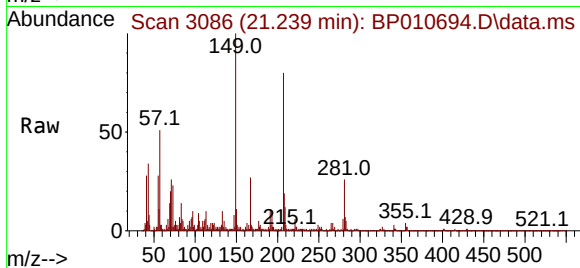




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.398 ng
 RT: 21.239 min Scan# 3086
 Delta R.T. -0.006 min
 Lab File: BP010694.D
 Acq: 03 Jun 2022 15:57

Instrument :
 BNA_P
 ClientSampleId :
 TB-FOUND-0531

Tgt Ion:149 Resp: 71400
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.8
 279 5.7 3.7 5.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3512
 Delta R.T. -0.012 min
 Lab File: BP010694.D
 Acq: 03 Jun 2022 15:57

Tgt Ion:264 Resp: 528458
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.2 18.0 27.0

