

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010624.D
 Acq On : 29 May 2022 18:02
 Operator : CG/JU
 Sample : N2932-11RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS004-0006-01

Quant Time: May 30 02:07:12 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)

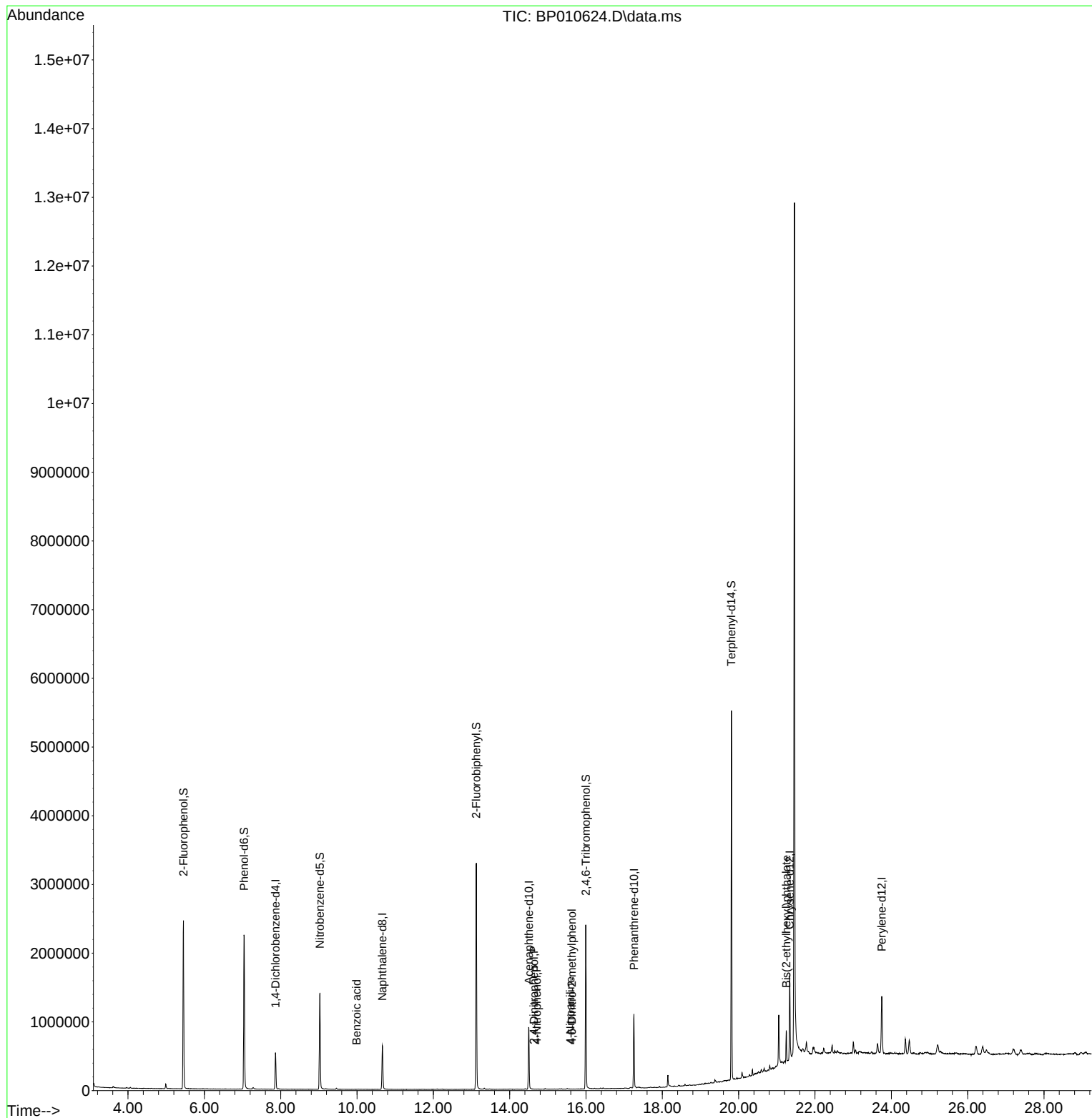
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	135234	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	532338	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	322953	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	642043	20.000	ng	0.00
76) Chrysene-d12	21.339	240	600170	20.000	ng	0.00
86) Perylene-d12	23.751	264	624839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	919805	124.082	ng	0.00
7) Phenol-d6	7.040	99	1215532	115.504	ng	0.00
23) Nitrobenzene-d5	9.028	82	819879	72.816	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	432655	118.351	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1709992	75.147	ng	0.00
79) Terphenyl-d14	19.810	244	2446712	76.573	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	162	7.352	ng	# 49
54) 2,4-Dinitrophenol	14.634	184	47	6.660	ng	# 65
56) 4-Nitrophenol	14.710	139	18	3.601	ng	# 1
62) 4-Nitroaniline	15.592	138	74	2.147	ng	# 76
65) 4,6-Dinitro-2-methylph...	15.628	198	30	4.609	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.251	149	151636	6.530	ng	99

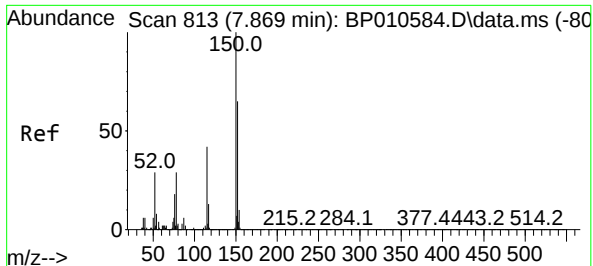
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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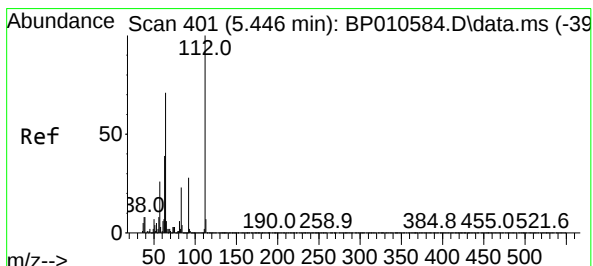
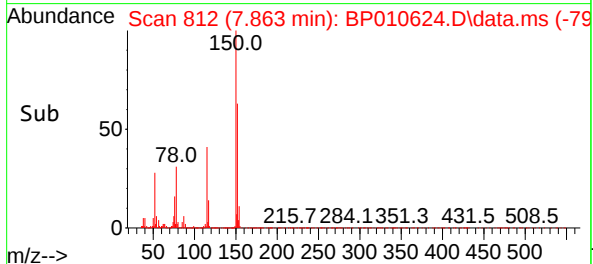
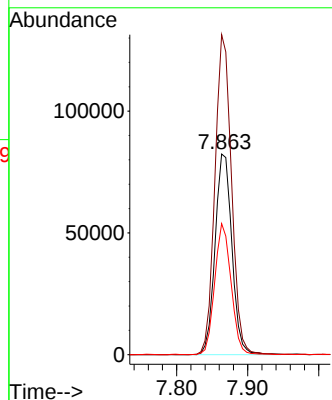
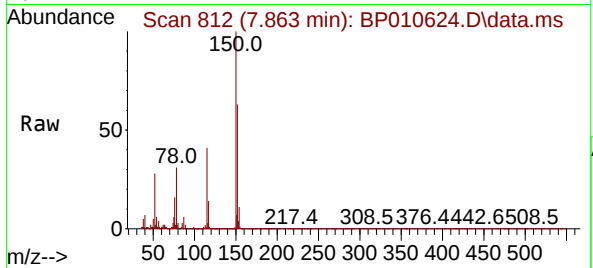




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

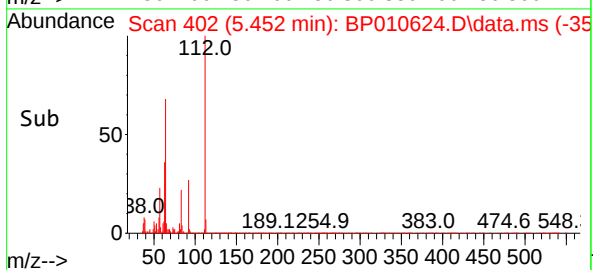
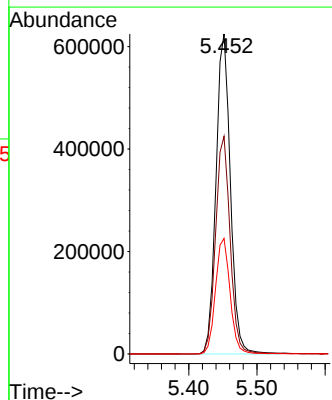
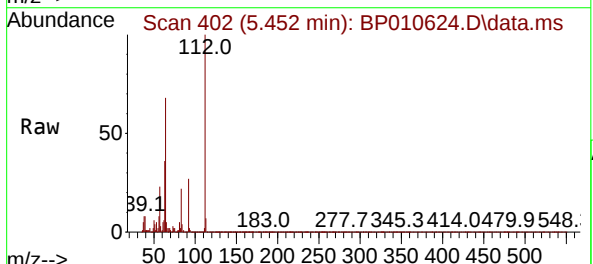
Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

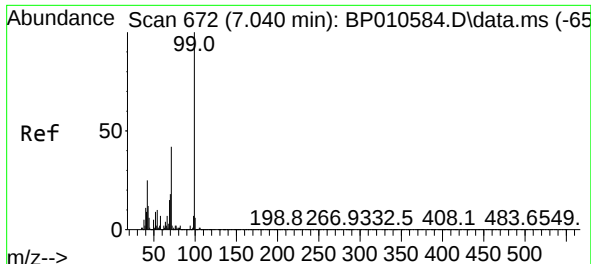
Tgt Ion:152 Resp: 135234
Ion Ratio Lower Upper
152 100
150 159.5 123.4 185.2
115 65.4 51.3 76.9



#5
2-Fluorophenol
Concen: 124.082 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

Tgt Ion:112 Resp: 919805
Ion Ratio Lower Upper
112 100
64 68.0 56.9 85.3
63 36.1 31.2 46.8



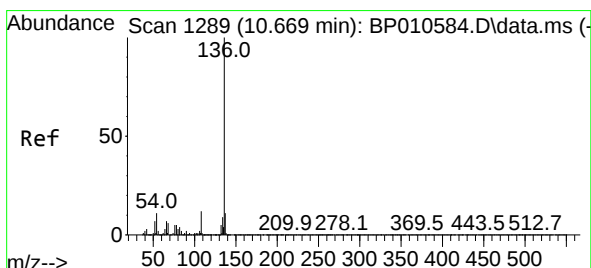
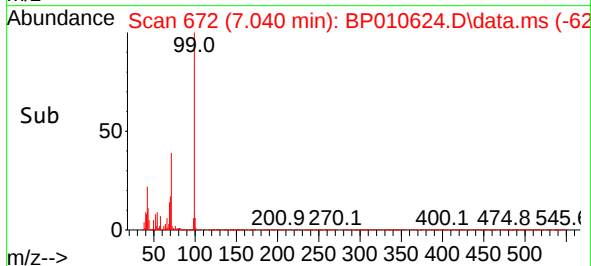
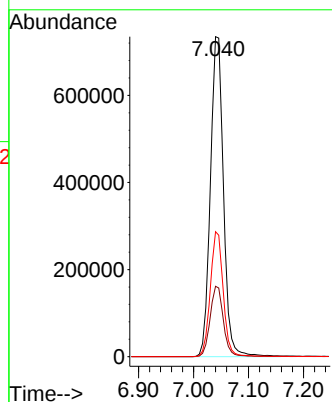
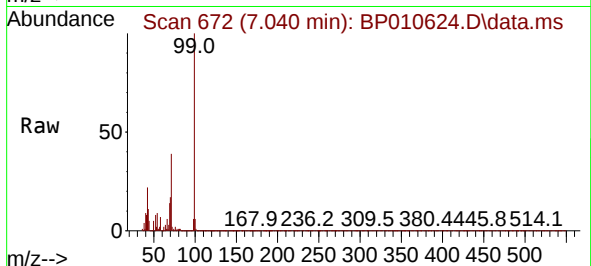


#7
Phenol-d6
Concen: 115.504 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

Tgt Ion: 99 Resp: 1215532

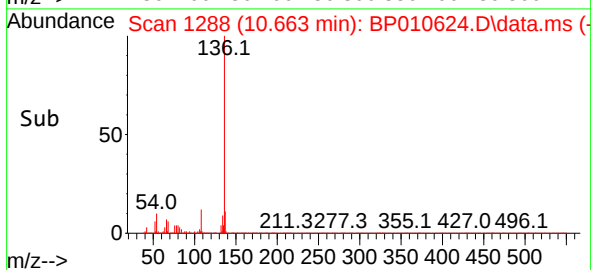
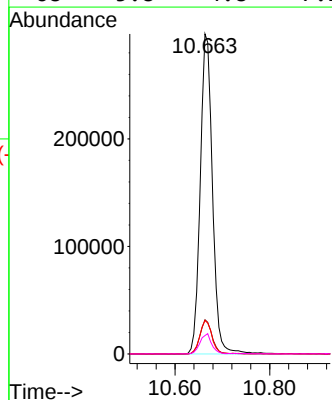
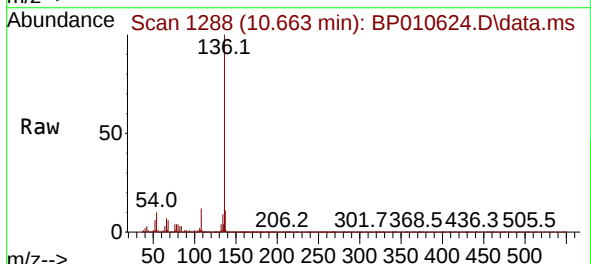
Ion	Ratio	Lower	Upper
99	100		
42	22.0	20.3	30.5
71	39.0	33.9	50.9

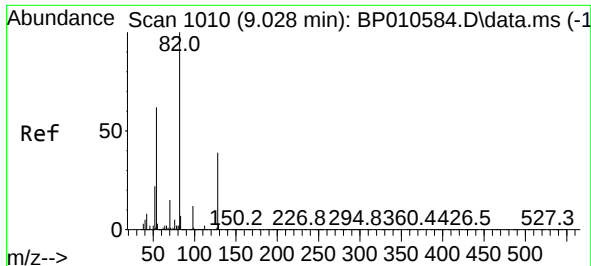


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

Tgt Ion:136 Resp: 532338

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	10.5	8.7	13.1
68	5.8	4.8	7.2





#23

Nitrobenzene-d5

Concen: 72.816 ng

RT: 9.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BP010624.D

Acq: 29 May 2022 18:02

Instrument :

BNA_P

ClientSampleId :

P016-SS004-0006-01

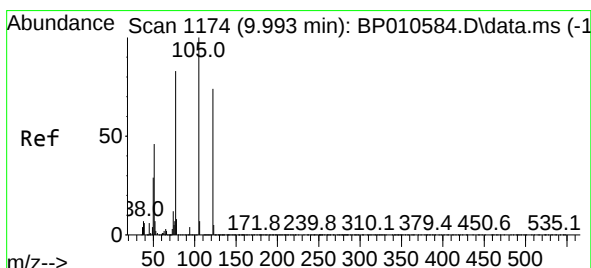
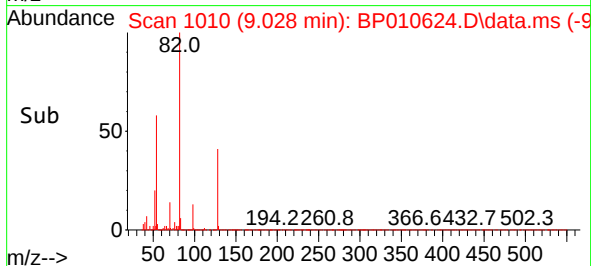
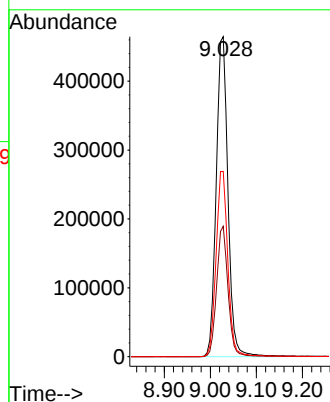
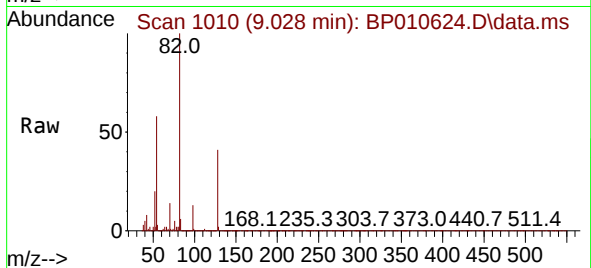
Tgt Ion: 82 Resp: 819879

Ion Ratio Lower Upper

82 100

128 40.7 31.3 46.9

54 57.9 49.8 74.8



#32

Benzoic acid

Concen: 7.352 ng

RT: 9.987 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP010624.D

Acq: 29 May 2022 18:02

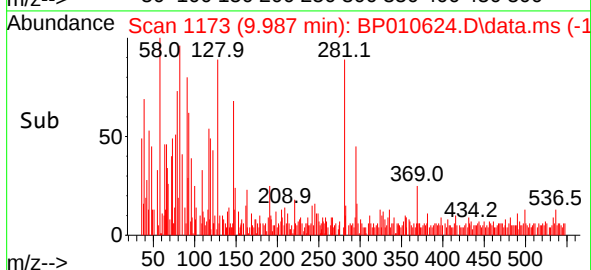
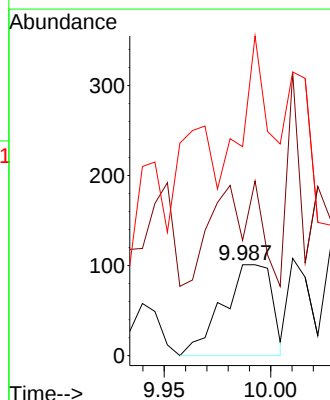
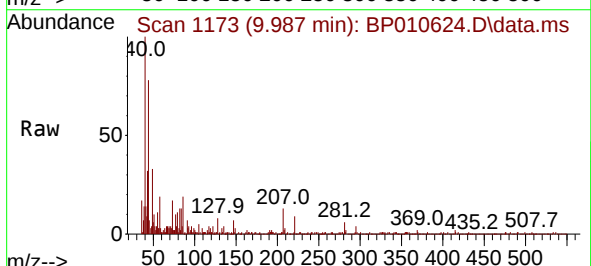
Tgt Ion: 122 Resp: 162

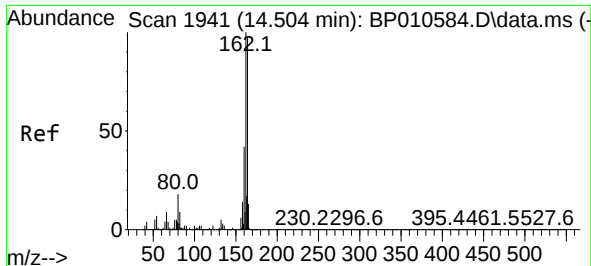
Ion Ratio Lower Upper

122 100

105 116.4 112.6 152.6

77 210.9 90.2 130.2#

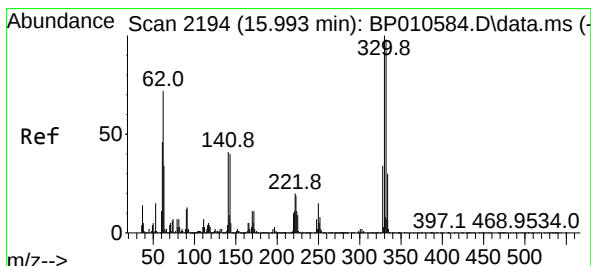
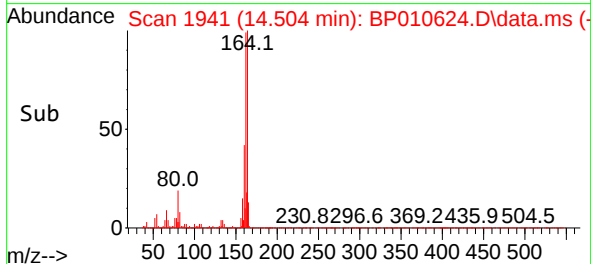
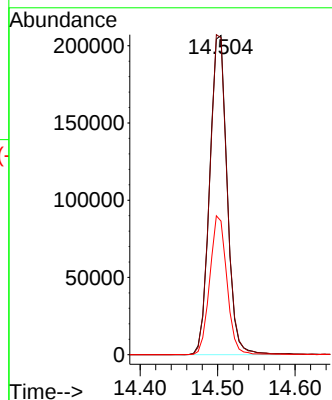
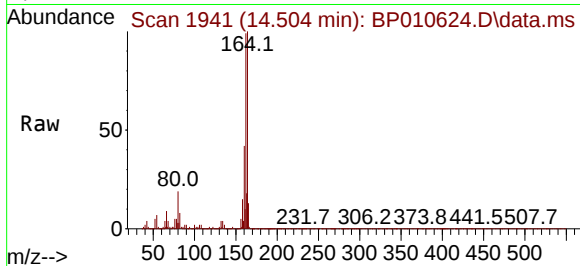




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

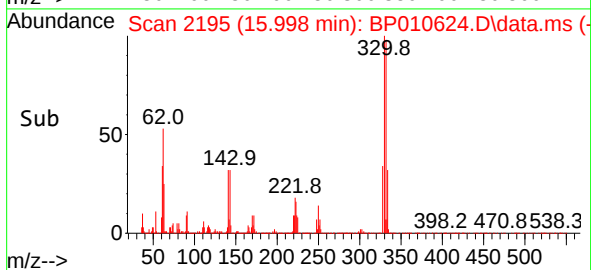
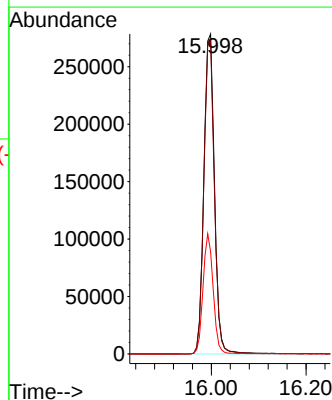
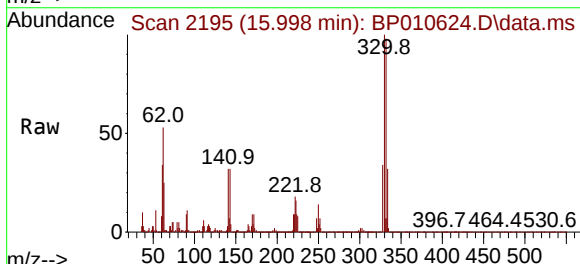
Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

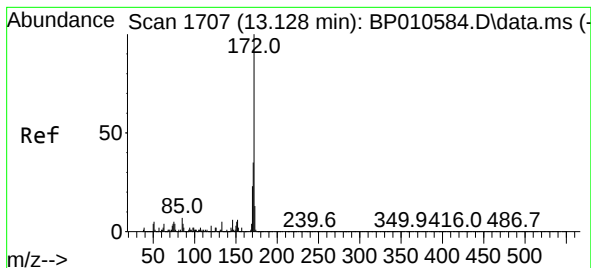
Tgt Ion:164 Resp: 322953
Ion Ratio Lower Upper
164 100
162 99.3 81.9 122.9
160 41.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 118.351 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

Tgt Ion:330 Resp: 432655
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 35.9 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 75.147 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010624.D

Acq: 29 May 2022 18:02

Instrument :

BNA_P

ClientSampleId :

P016-SS004-0006-01

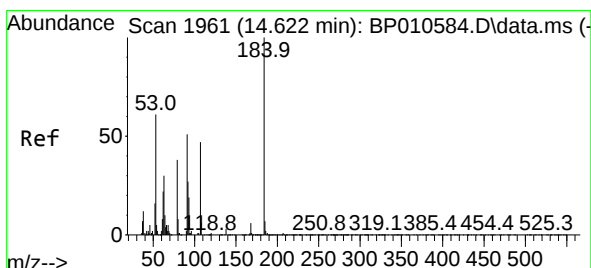
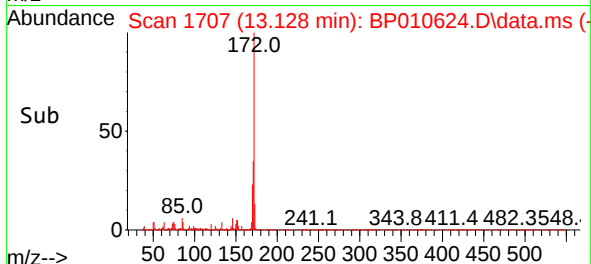
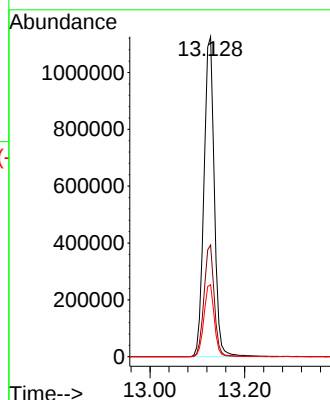
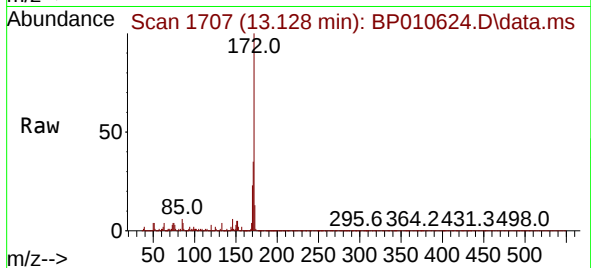
Tgt Ion:172 Resp: 1709992

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 22.5 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.660 ng

RT: 14.634 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP010624.D

Acq: 29 May 2022 18:02

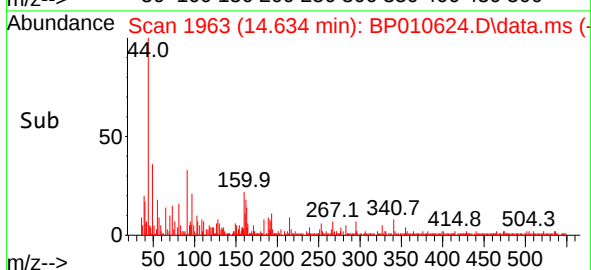
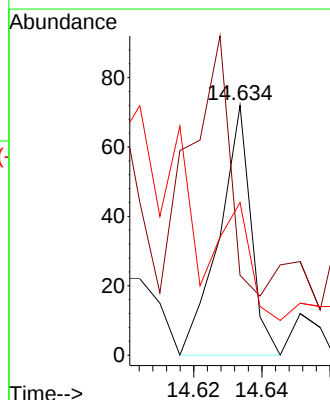
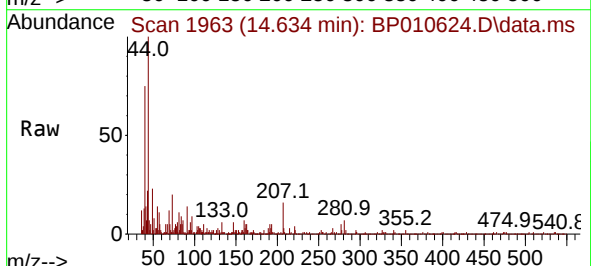
Tgt Ion:184 Resp: 47

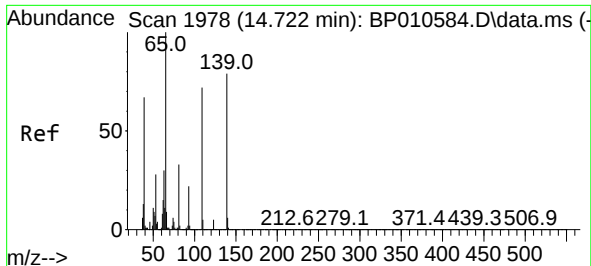
Ion Ratio Lower Upper

184 100

63 31.9 65.4 98.2#

154 61.1 55.4 83.2

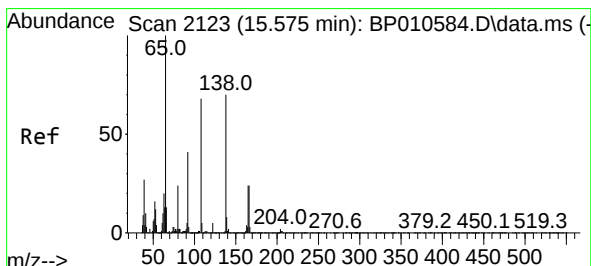
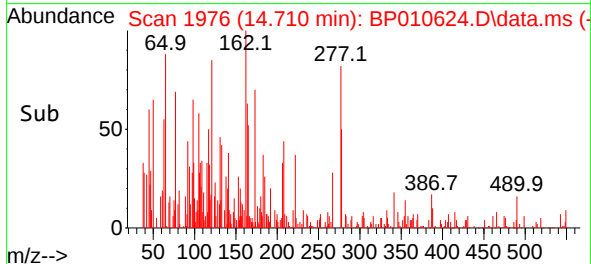
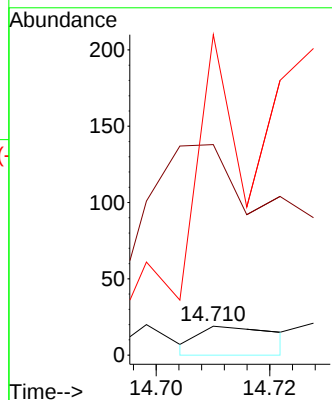
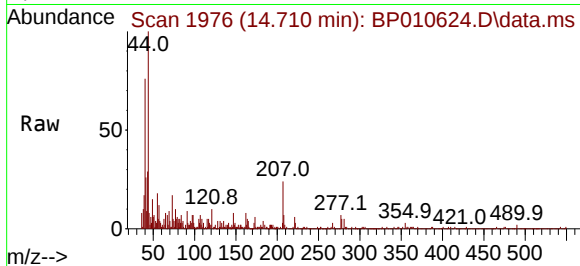




#56
4-Nitrophenol
Concen: 3.601 ng
RT: 14.710 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

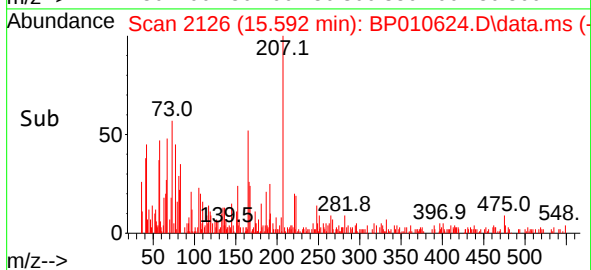
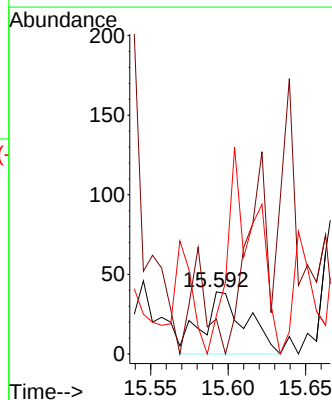
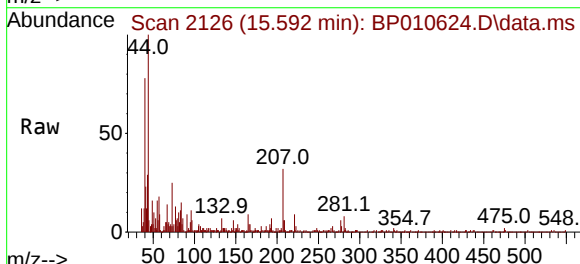
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P016-SS004-0006-01

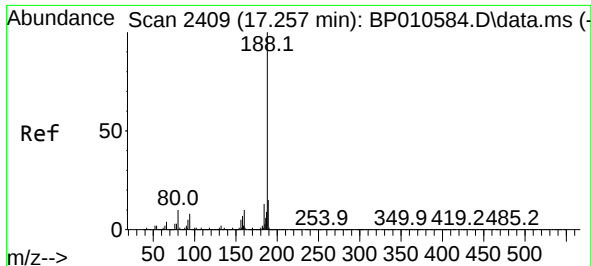
Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 726.3 70.6 110.6#
65 1105.3 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.147 ng
RT: 15.592 min Scan# 2126
Delta R.T. 0.017 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

Tgt Ion:138 Resp: 74
Ion Ratio Lower Upper
138 100
92 56.4 38.0 78.0
108 61.5 77.6 117.6#

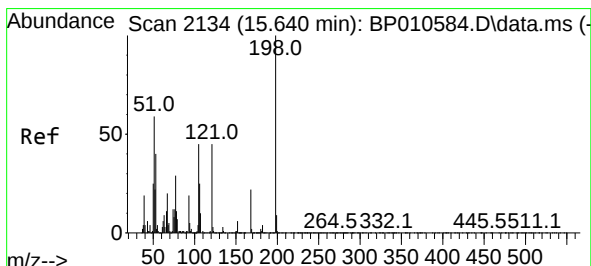
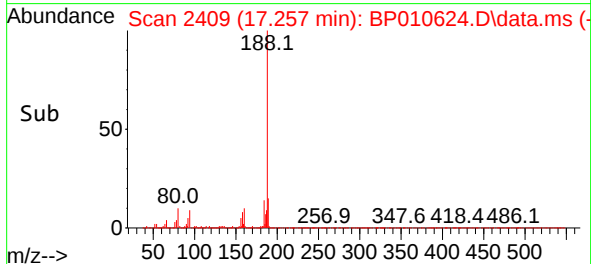
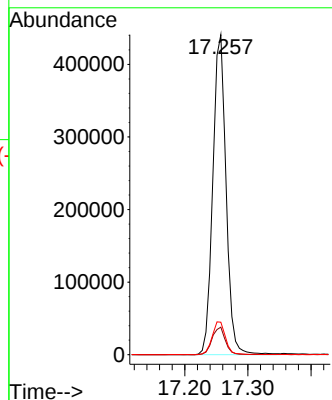
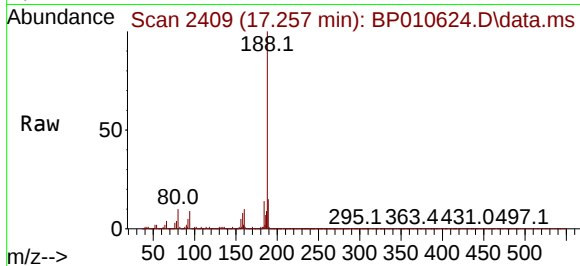




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

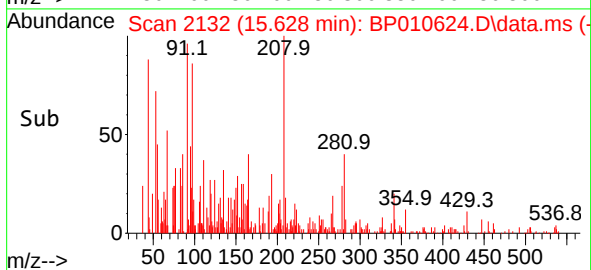
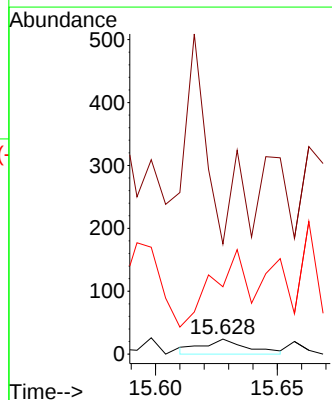
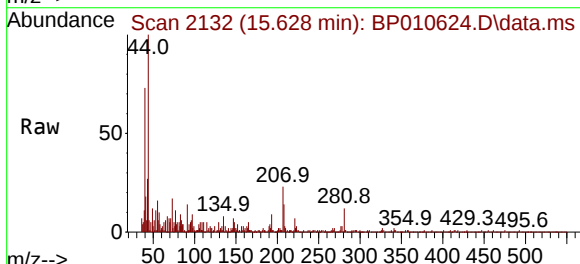
Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

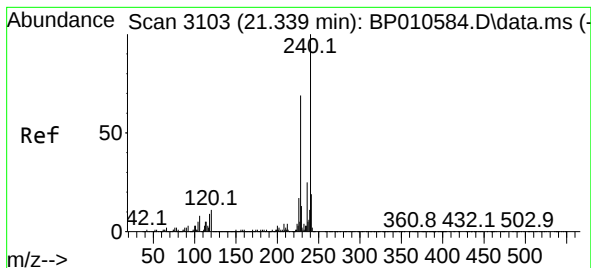
Tgt Ion:188 Resp: 642043
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 10.2 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.609 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BP010624.D
Acq: 29 May 2022 18:02

Tgt Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
51 729.2 41.2 81.2#
105 445.8 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: BP010624.D

Acq: 29 May 2022 18:02

Instrument :

BNA_P

ClientSampleId :

P016-SS004-0006-01

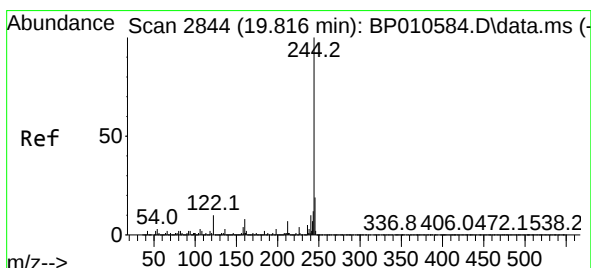
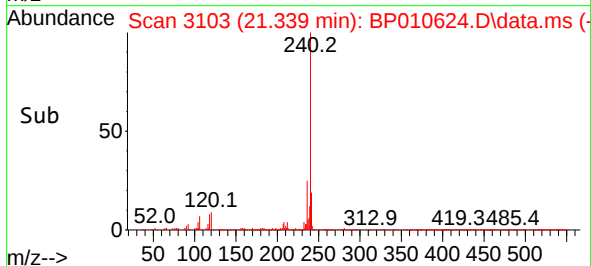
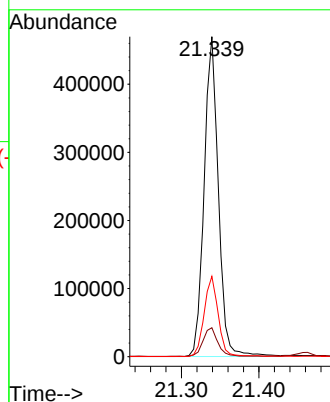
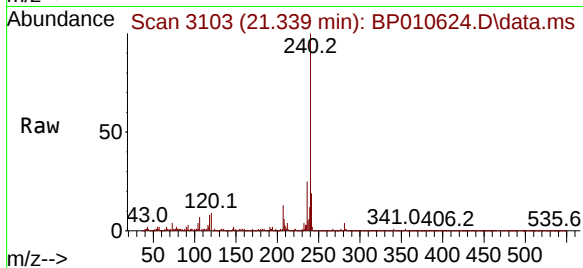
Tgt Ion:240 Resp: 600170

Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 25.1 19.8 29.6



#79

Terphenyl-d14

Concen: 76.573 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010624.D

Acq: 29 May 2022 18:02

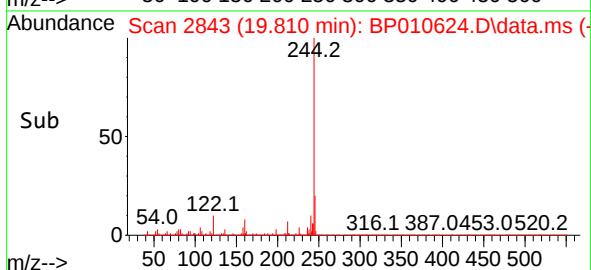
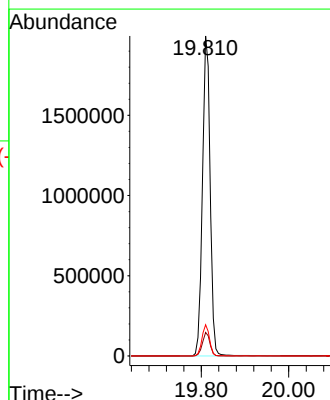
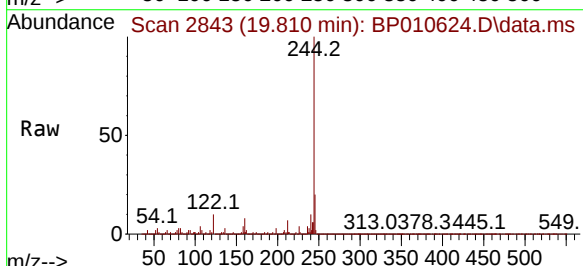
Tgt Ion:244 Resp: 2446712

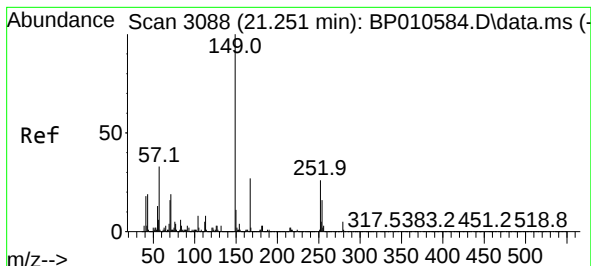
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.8 7.6 11.4

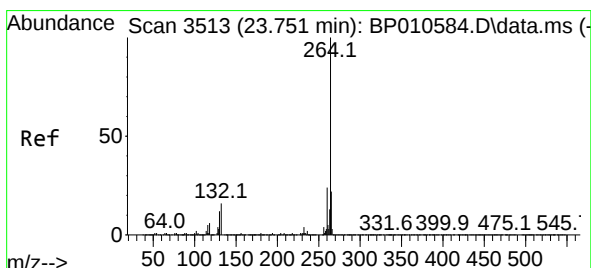
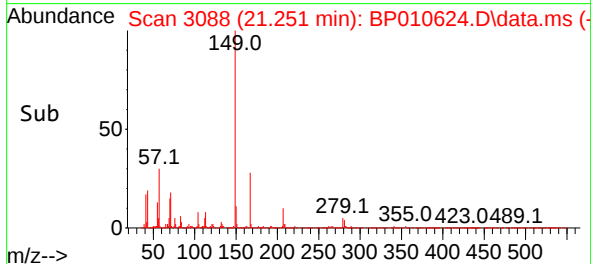
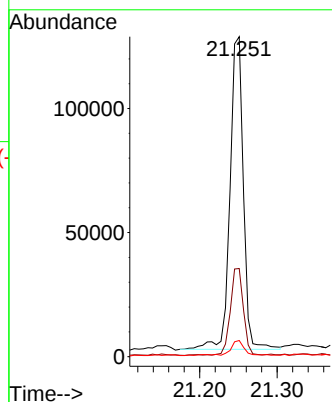
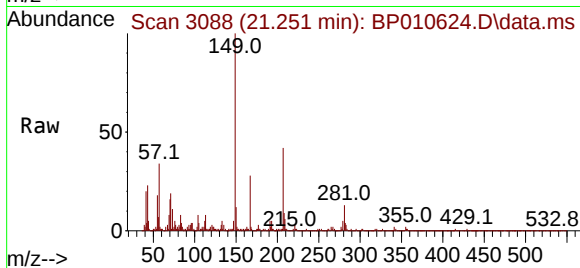




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.530 ng
 RT: 21.251 min Scan# 3088
 Delta R.T. -0.000 min
 Lab File: BP010624.D
 Acq: 29 May 2022 18:02

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS004-0006-01

Tgt Ion:149 Resp: 151636
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.8
 279 5.1 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: BP010624.D
 Acq: 29 May 2022 18:02

Tgt Ion:264 Resp: 624839
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 22.4 18.0 27.0

