

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010632.D
 Acq On : 29 May 2022 22:33
 Operator : CG/JU
 Sample : N2934-05DL 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P025-SS001-1824-01DL

Quant Time: May 30 02:08:33 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)

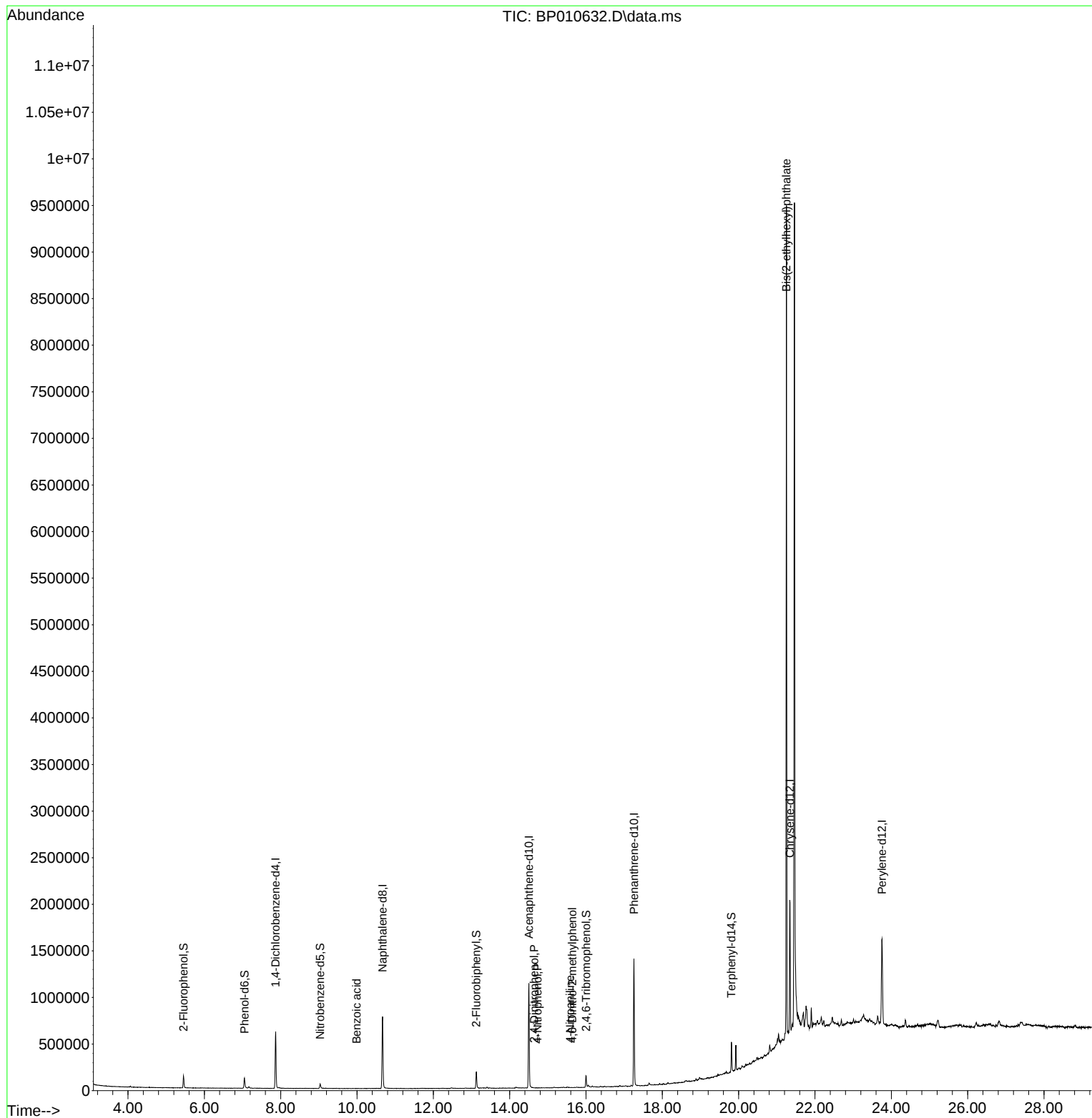
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	158180	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	635418	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	393871	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	822593	20.000	ng	0.00
76) Chrysene-d12	21.345	240	719159	20.000	ng	0.00
86) Perylene-d12	23.756	264	730019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	53633	6.186	ng	0.00
7) Phenol-d6	7.051	99	65997	5.362	ng	0.01
23) Nitrobenzene-d5	9.034	82	31042	2.310	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	24088	5.403	ng	0.01
45) 2-Fluorobiphenyl	13.128	172	99059	3.569	ng	0.00
79) Terphenyl-d14	19.810	244	153375	4.006	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	31	7.328	ng	# 1
54) 2,4-Dinitrophenol	14.639	184	28	6.653	ng	# 1
56) 4-Nitrophenol	14.727	139	8	3.599	ng	# 1
62) 4-Nitroaniline	15.586	138	14	2.135	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.639	198	19	4.606	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.251	149	2669759	95.953	ng	98

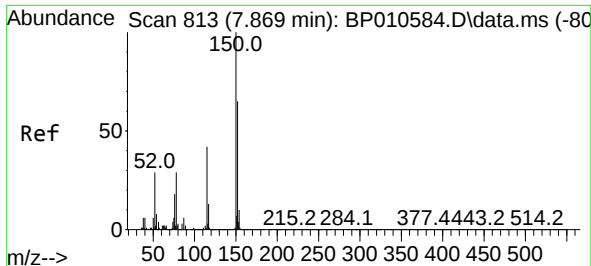
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
Data File : BP010632.D
Acq On : 29 May 2022 22:33
Operator : CG/JU
Sample : N2934-05DL 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P025-SS001-1824-01DL

Quant Time: May 30 02:08:33 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

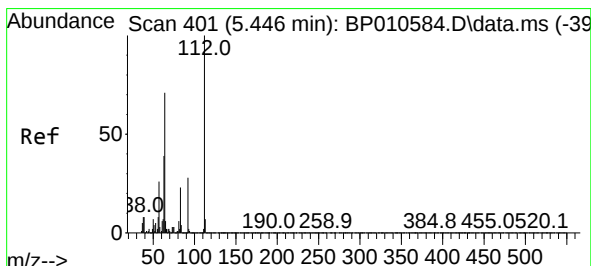
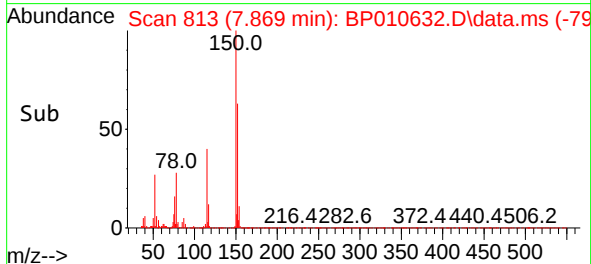
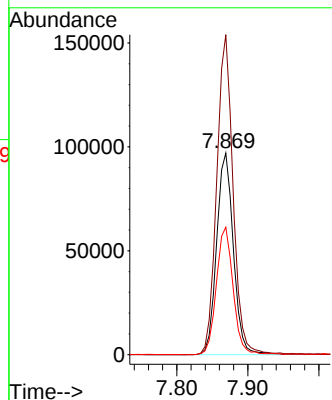
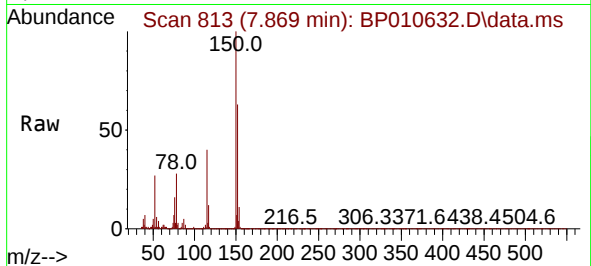




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

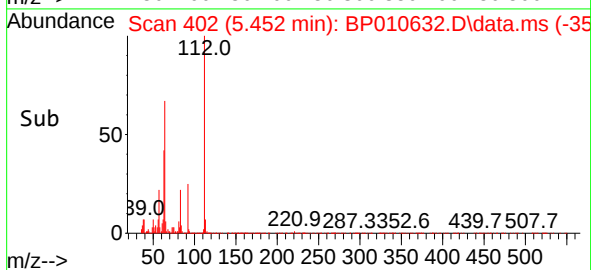
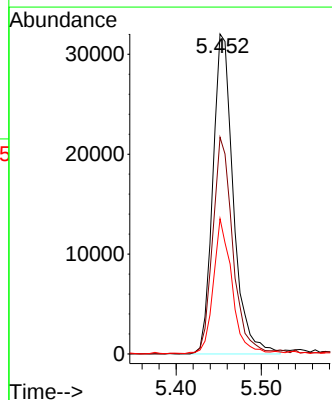
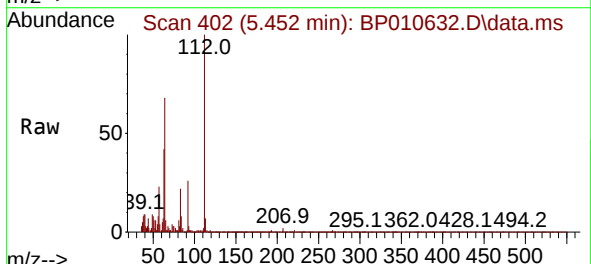
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1824-01DL

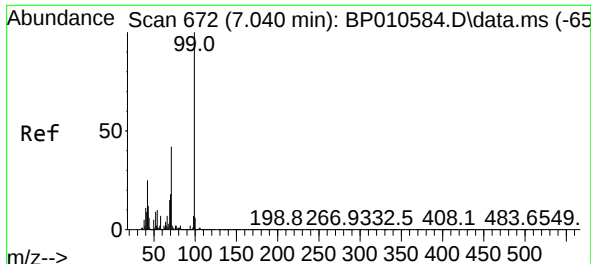
Tgt Ion:152 Resp: 158180
Ion Ratio Lower Upper
152 100
150 158.7 123.4 185.2
115 63.2 51.3 76.9



#5
2-Fluorophenol
Concen: 6.186 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

Tgt Ion:112 Resp: 53633
Ion Ratio Lower Upper
112 100
64 67.7 56.9 85.3
63 42.3 31.2 46.8





#7

Phenol-d6

Concen: 5.362 ng

RT: 7.051 min Scan# 61

Delta R.T. 0.011 min

Lab File: BP010632.D

Acq: 29 May 2022 22:33

Instrument :

BNA_P

ClientSampleId :

P025-SS001-1824-01DL

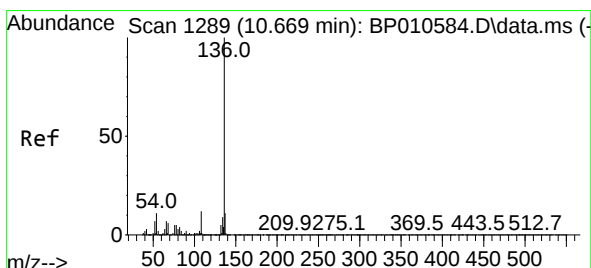
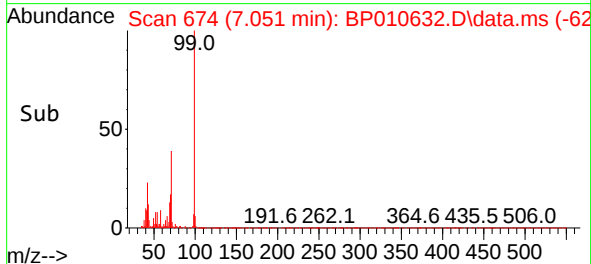
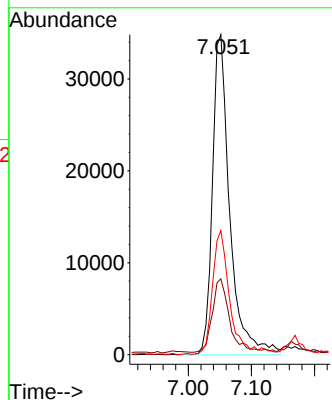
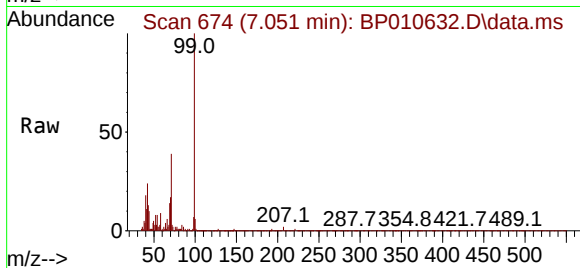
Tgt Ion: 99 Resp: 65997

Ion Ratio Lower Upper

99 100

42 23.7 20.3 30.5

71 38.8 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: BP010632.D

Acq: 29 May 2022 22:33

Tgt Ion:136 Resp: 635418

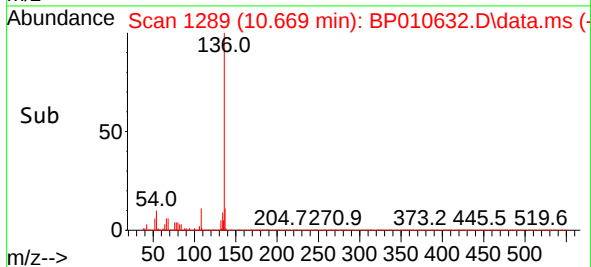
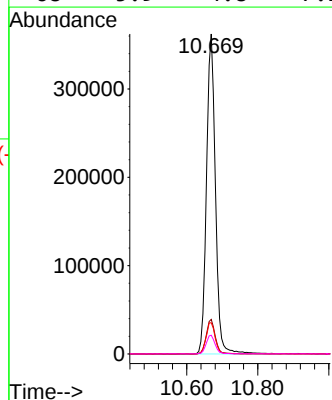
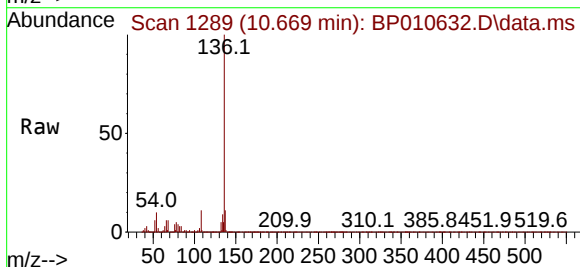
Ion Ratio Lower Upper

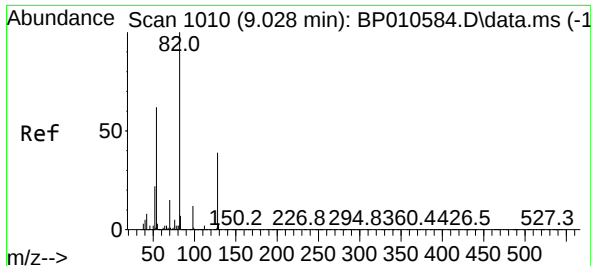
136 100

137 10.8 9.0 13.4

54 9.7 8.7 13.1

68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 2.310 ng

RT: 9.034 min Scan# 110

Delta R.T. 0.006 min

Lab File: BP010632.D

Acq: 29 May 2022 22:33

Instrument :

BNA_P

ClientSampleId :

P025-SS001-1824-01DL

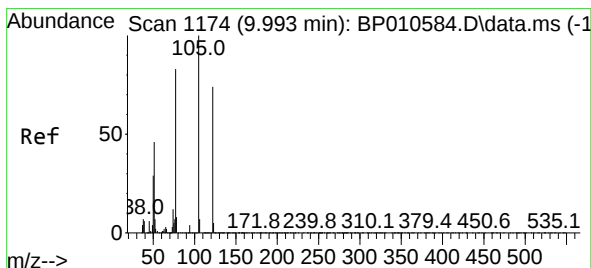
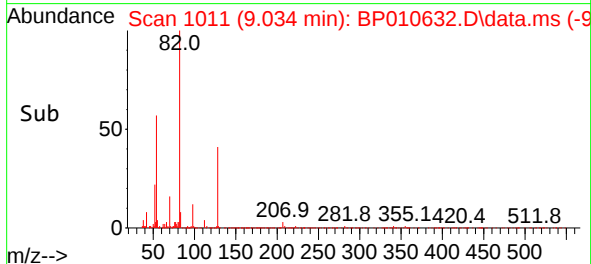
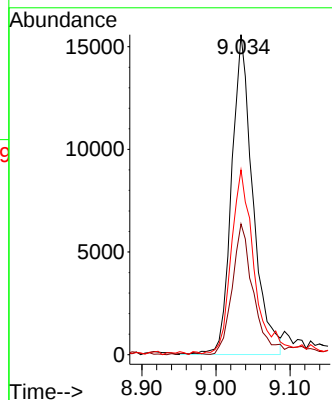
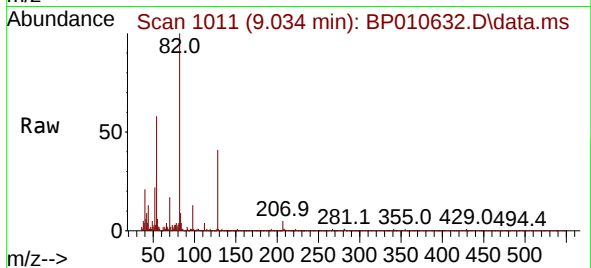
Tgt Ion: 82 Resp: 31042

Ion Ratio Lower Upper

82 100

128 40.8 31.3 46.9

54 57.7 49.8 74.8



#32

Benzoic acid

Concen: 7.328 ng

RT: 9.987 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP010632.D

Acq: 29 May 2022 22:33

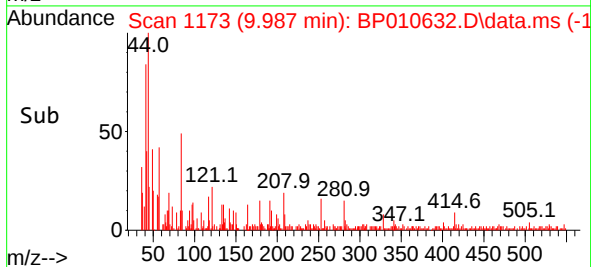
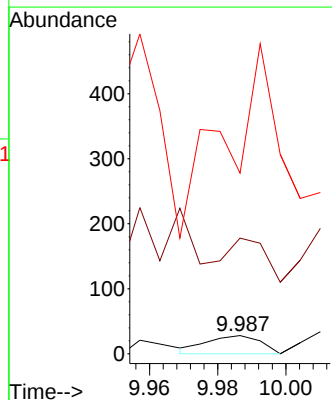
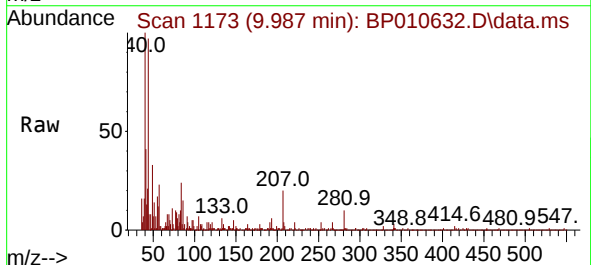
Tgt Ion: 122 Resp: 31

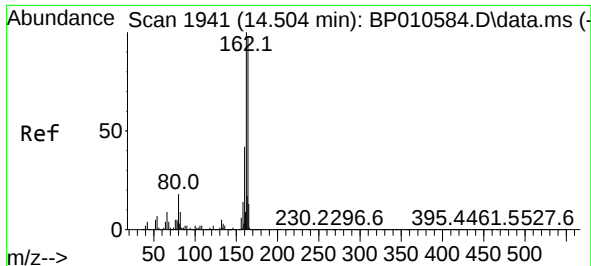
Ion Ratio Lower Upper

122 100

105 635.7 112.6 152.6#

77 992.9 90.2 130.2#

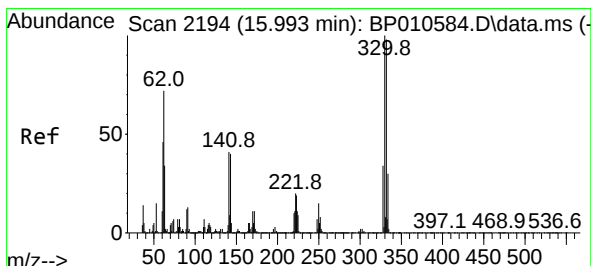
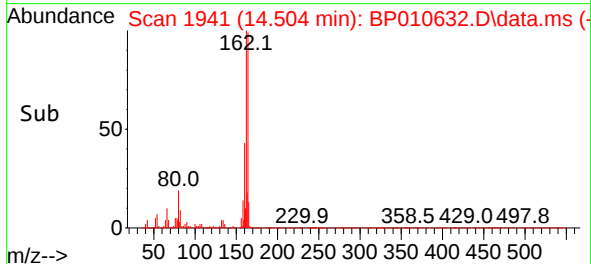
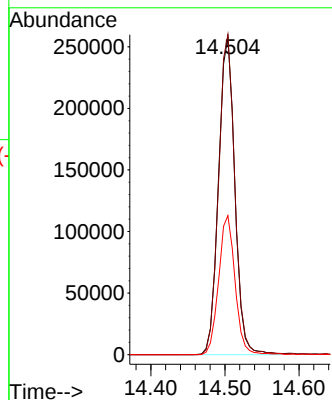
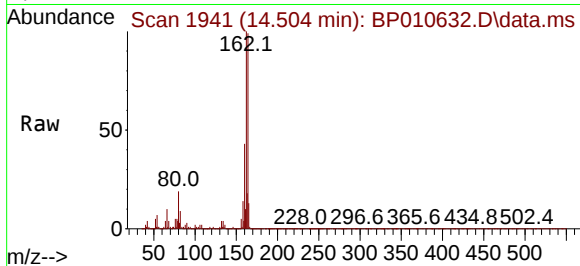




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

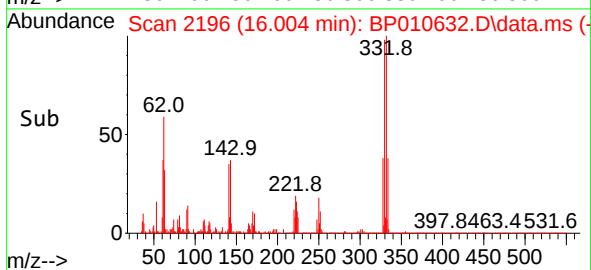
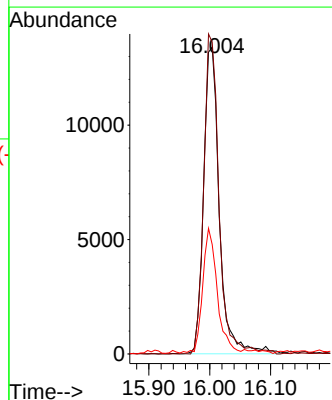
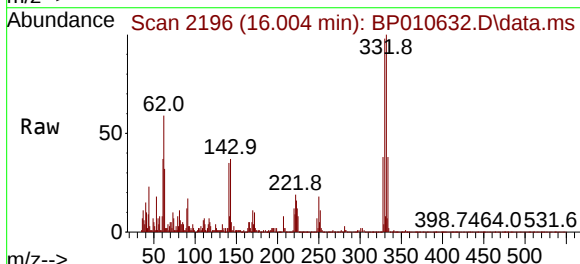
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1824-01DL

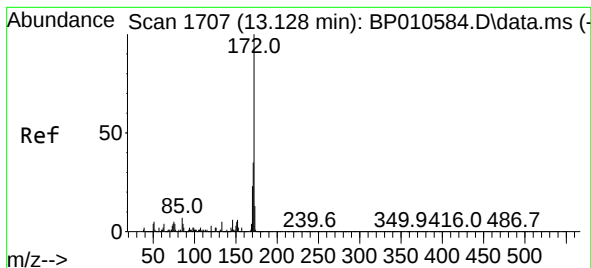
Tgt Ion:164 Resp: 393871
Ion Ratio Lower Upper
164 100
162 100.7 81.9 122.9
160 43.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 5.403 ng
RT: 16.004 min Scan# 2196
Delta R.T. 0.011 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

Tgt Ion:330 Resp: 24088
Ion Ratio Lower Upper
330 100
332 101.0 78.1 117.1
141 37.2 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 3.569 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010632.D

Acq: 29 May 2022 22:33

Instrument :

BNA_P

ClientSampleId :

P025-SS001-1824-01DL

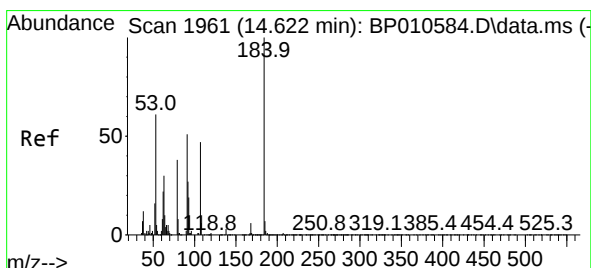
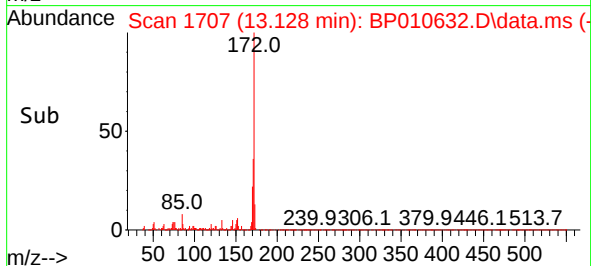
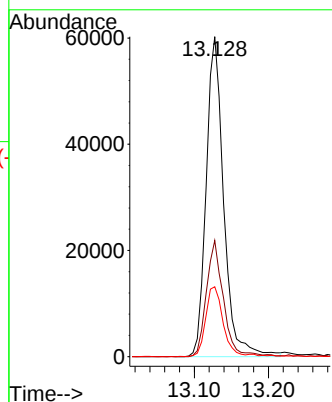
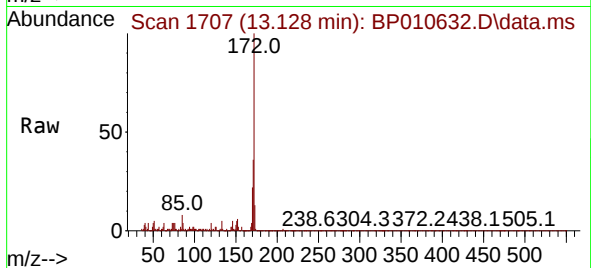
Tgt Ion:172 Resp: 99059

Ion Ratio Lower Upper

172 100

171 36.3 27.9 41.9

170 21.9 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.653 ng

RT: 14.639 min Scan# 1964

Delta R.T. 0.017 min

Lab File: BP010632.D

Acq: 29 May 2022 22:33

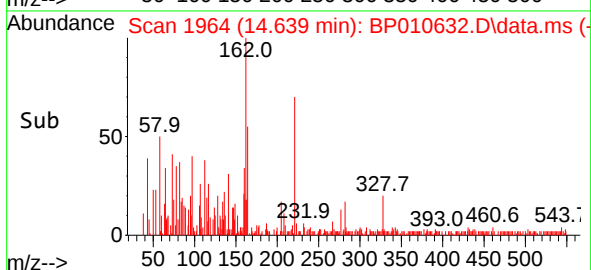
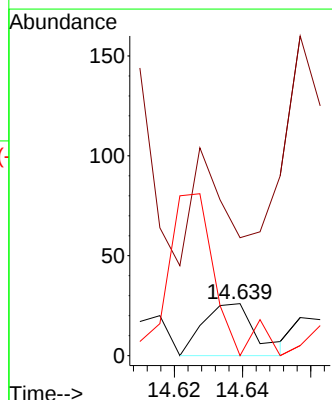
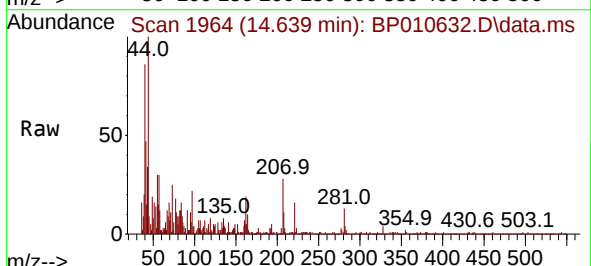
Tgt Ion:184 Resp: 28

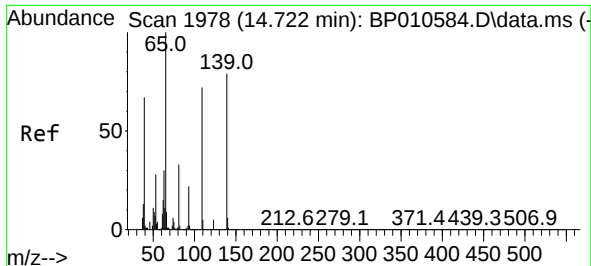
Ion Ratio Lower Upper

184 100

63 226.9 65.4 98.2#

154 0.0 55.4 83.2#

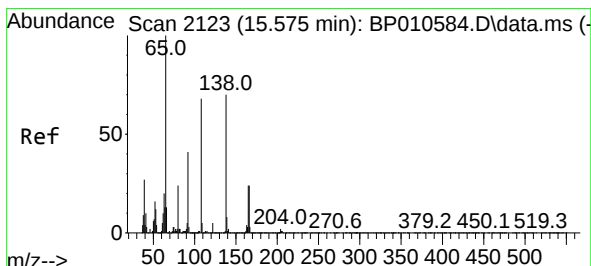
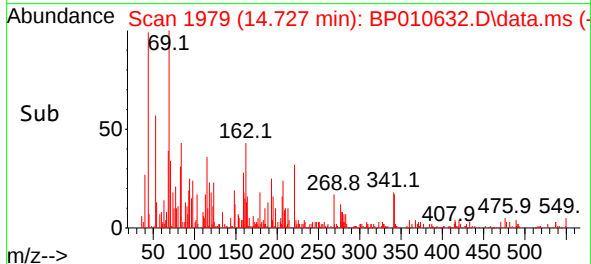
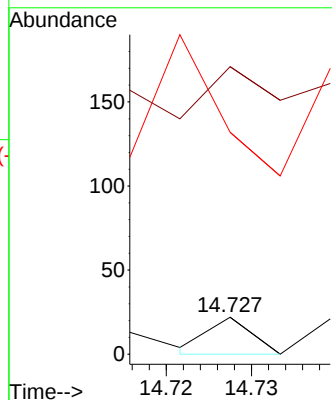
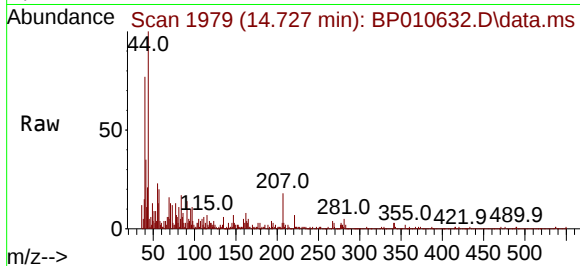




#56
4-Nitrophenol
Concen: 3.599 ng
RT: 14.727 min Scan# 1978
Delta R.T. 0.005 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

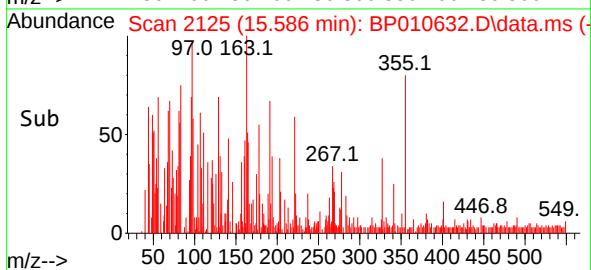
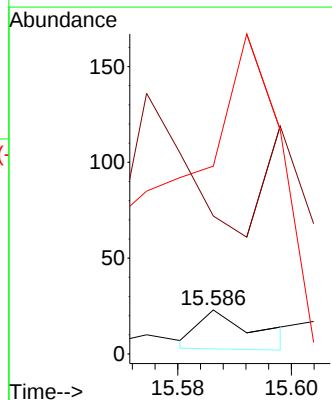
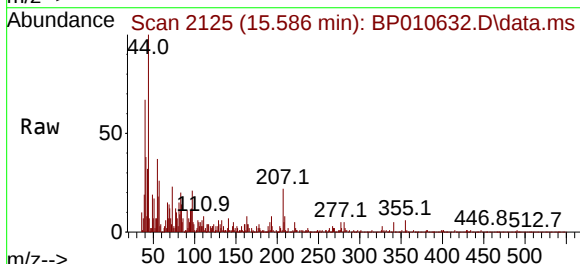
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1824-01DL

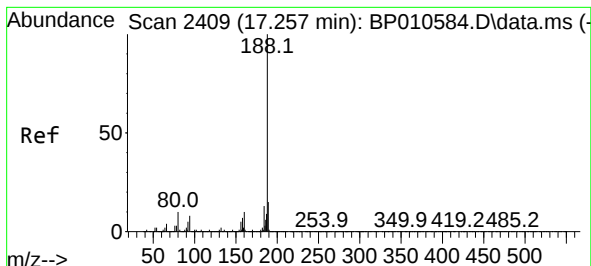
Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 777.3 70.6 110.6#
65 600.0 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.135 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.011 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

Tgt Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
92 205.7 38.0 78.0#
108 280.0 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: BP010632.D

Acq: 29 May 2022 22:33

Instrument :

BNA_P

ClientSampleId :

P025-SS001-1824-01DL

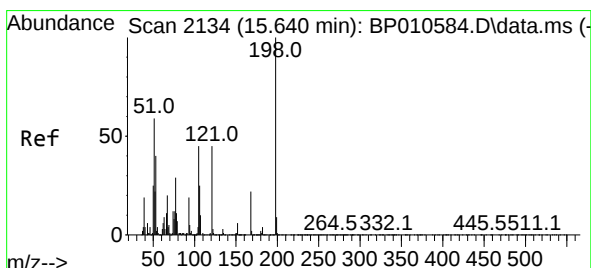
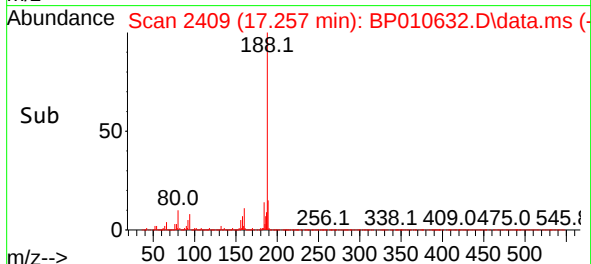
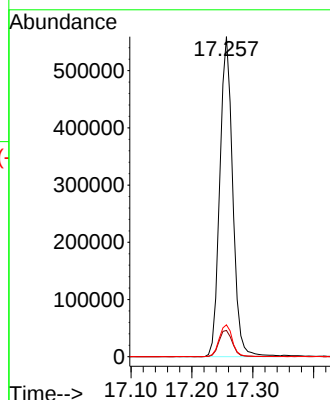
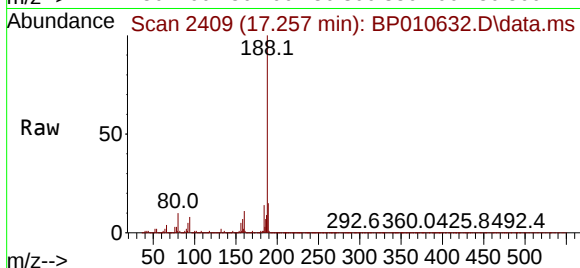
Tgt Ion:188 Resp: 822593

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 10.0 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.606 ng

RT: 15.639 min Scan# 2134

Delta R.T. -0.001 min

Lab File: BP010632.D

Acq: 29 May 2022 22:33

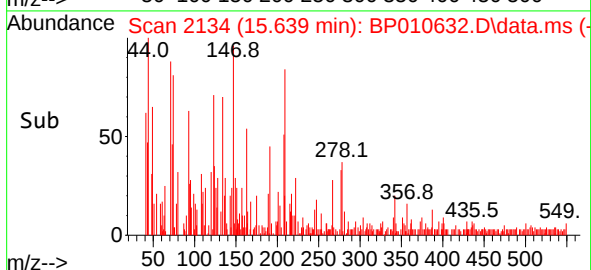
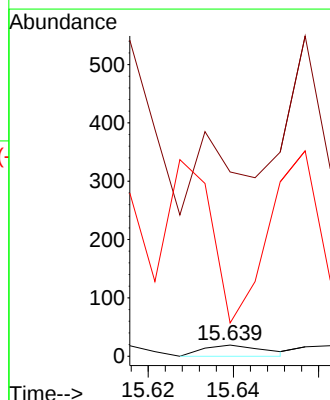
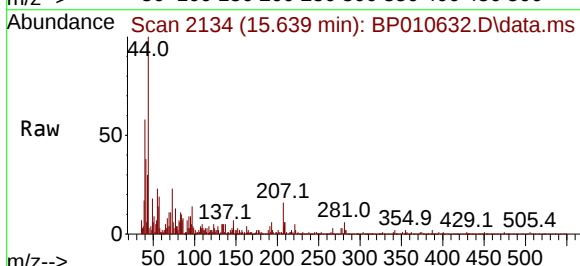
Tgt Ion:198 Resp: 19

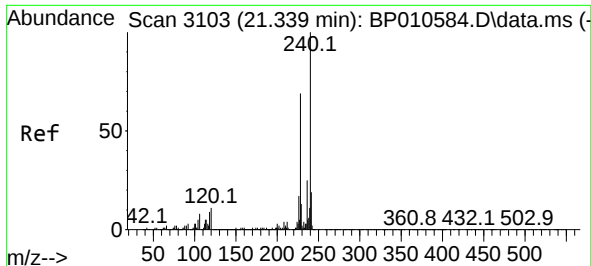
Ion Ratio Lower Upper

198 100

51 1663.2 41.2 81.2#

105 300.0 25.3 65.3#

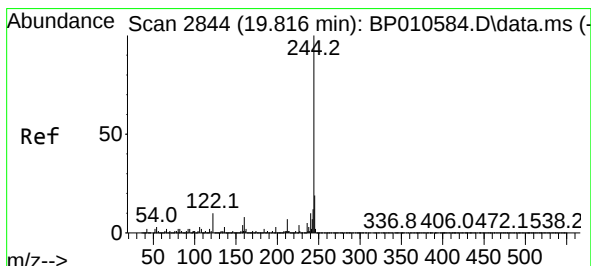
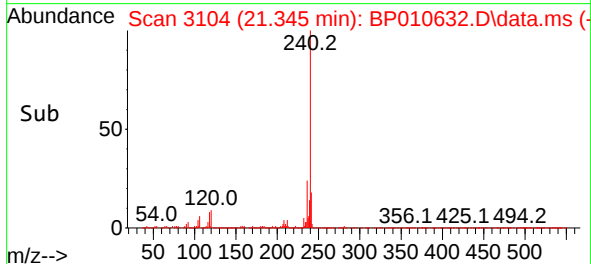
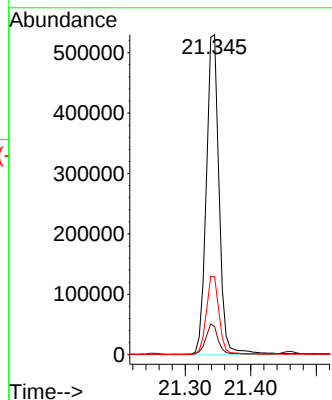
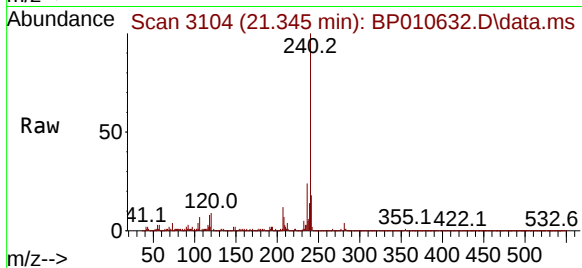




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

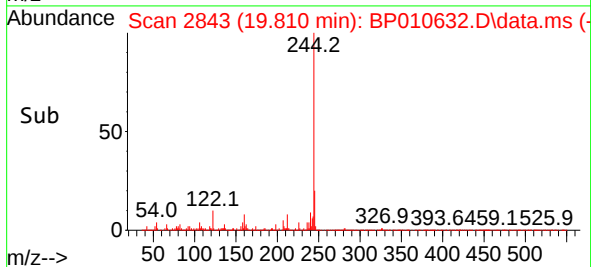
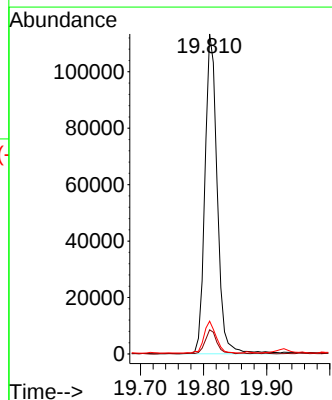
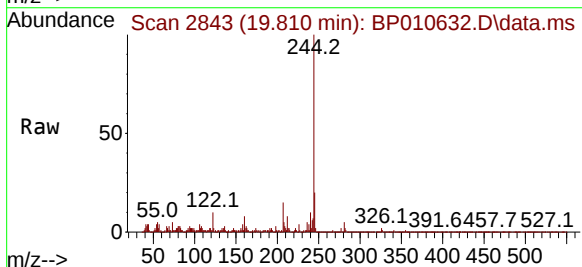
Instrument :
BNA_P
ClientSampleId :
P025-SS001-1824-01DL

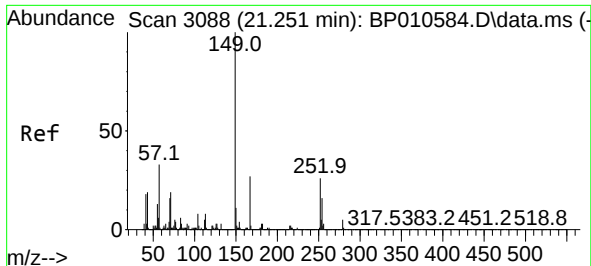
Tgt Ion:240 Resp: 719159
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 24.4 19.8 29.6



#79
Terphenyl-d14
Concen: 4.006 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

Tgt Ion:244 Resp: 153375
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 10.2 7.6 11.4

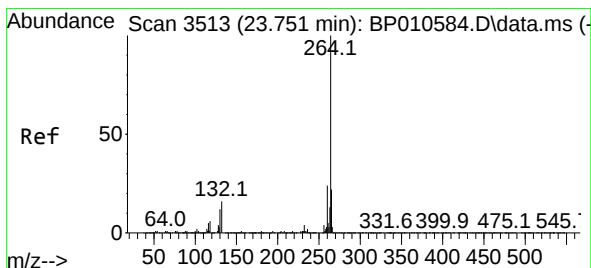
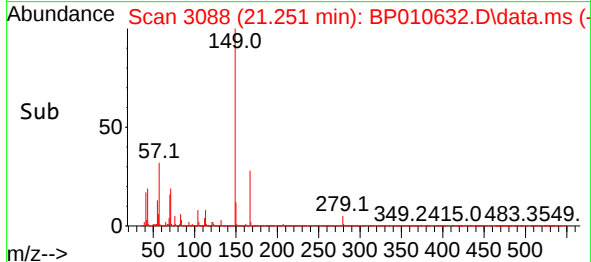
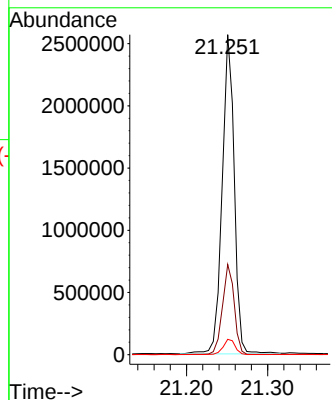
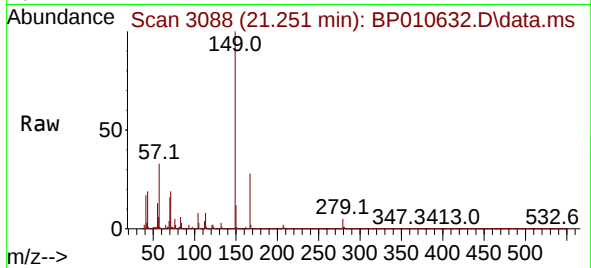




#84
Bis(2-ethylhexyl)phthalate
Concen: 95.953 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

Instrument :
BNA_P
ClientSampleId :
P025-SS001-1824-01DL

Tgt Ion:149 Resp: 2669759
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 4.8 3.7 5.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.756 min Scan# 3514
Delta R.T. 0.005 min
Lab File: BP010632.D
Acq: 29 May 2022 22:33

Tgt Ion:264 Resp: 730019
Ion Ratio Lower Upper
264 100
260 22.3 19.3 28.9
265 22.1 18.0 27.0

