

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010611.D
 Acq On : 28 May 2022 21:23
 Operator : CG/JU
 Sample : N2928-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P026-SS001-1824-01

Quant Time: May 28 23:38:36 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)

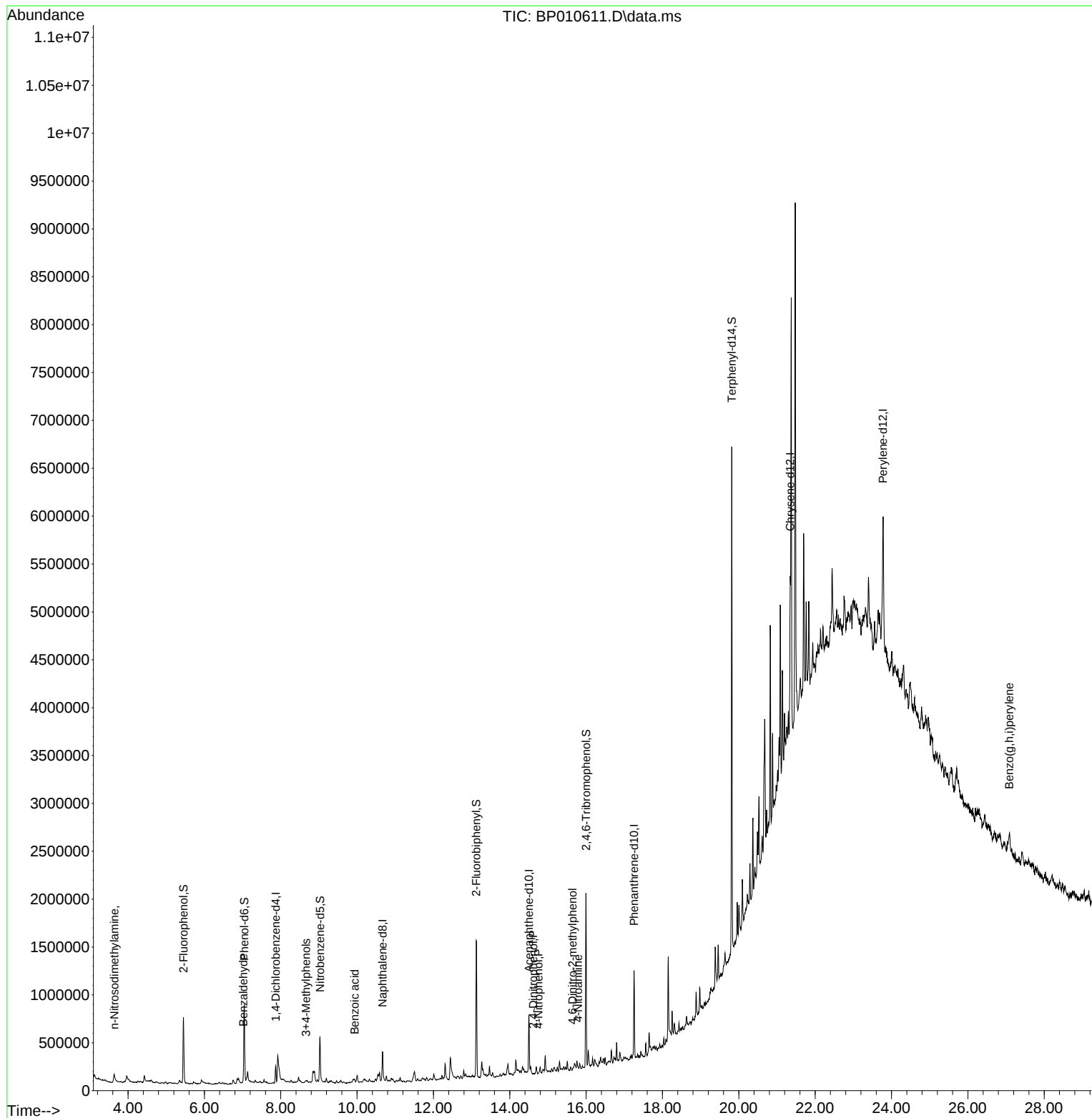
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	47383	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	245800	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	202584	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	547896	20.000	ng	0.00
76) Chrysene-d12	21.345	240	765523	20.000	ng	0.00
86) Perylene-d12	23.774	264	758684	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	286030	110.125	ng	0.00
7) Phenol-d6	7.046	99	452369	122.683	ng	0.00
23) Nitrobenzene-d5	9.028	82	264720	50.917	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	316186	137.882	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	742518	52.019	ng	0.00
79) Terphenyl-d14	19.816	244	2209341	54.209	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.640	42	13452	7.142	ng	# 1
9) Benzaldehyde	7.022	77	8565	3.530	ng	# 64
20) 3+4-Methylphenols	8.663	107	12443	3.537	ng	88
32) Benzoic acid	9.934	122	13260	12.301	ng	91
54) 2,4-Dinitrophenol	14.616	184	35	6.662	ng	# 1
56) 4-Nitrophenol	14.751	139	696	3.857	ng	# 1
62) 4-Nitroaniline	15.787	138	174	2.184	ng	90
65) 4,6-Dinitro-2-methylph...	15.645	198	179	4.649	ng	# 1
92) Benzo(g,h,i)perylene	27.086	276	237675	5.168	ng	# 88

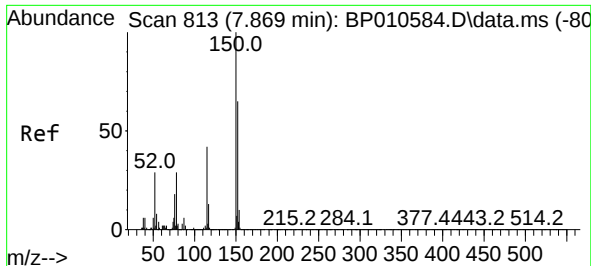
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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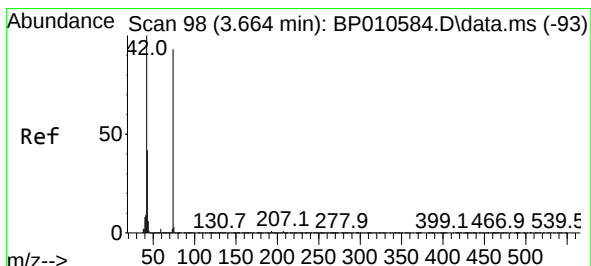
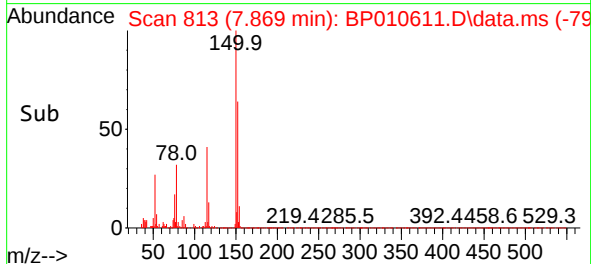
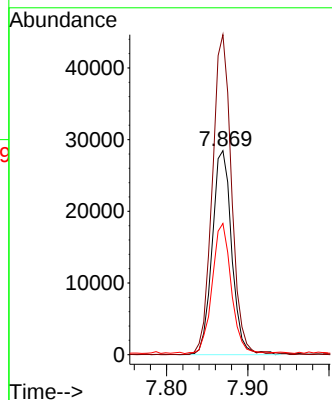
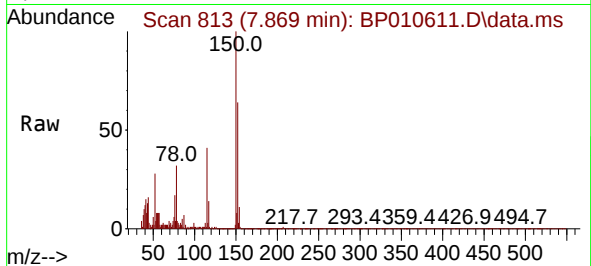




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

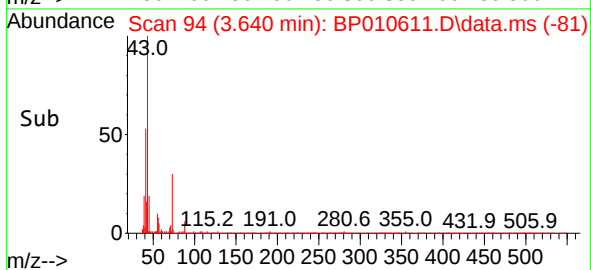
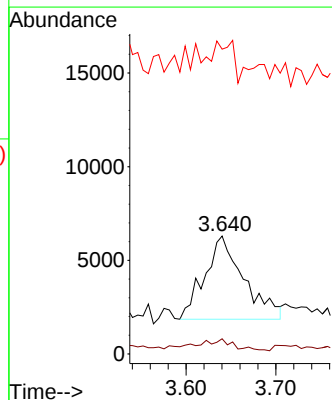
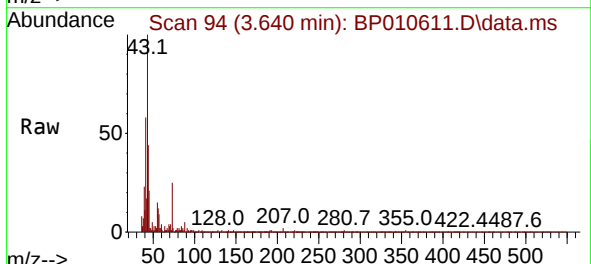
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

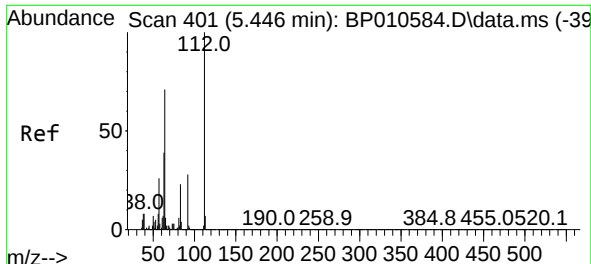
Tgt Ion:152 Resp: 47383
Ion Ratio Lower Upper
152 100
150 156.8 123.4 185.2
115 64.3 51.3 76.9



#4
n-Nitrosodimethylamine
Concen: 7.142 ng
RT: 3.640 min Scan# 94
Delta R.T. -0.024 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

Tgt Ion: 42 Resp: 13452
Ion Ratio Lower Upper
42 100
74 12.9 74.4 111.6#
44 258.4 5.7 8.5#

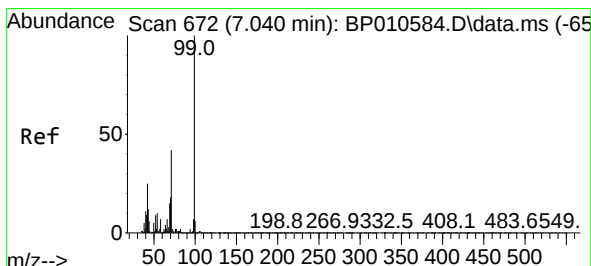
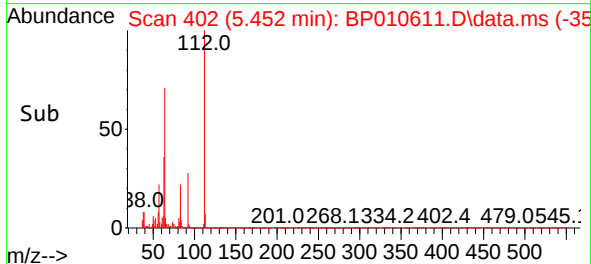
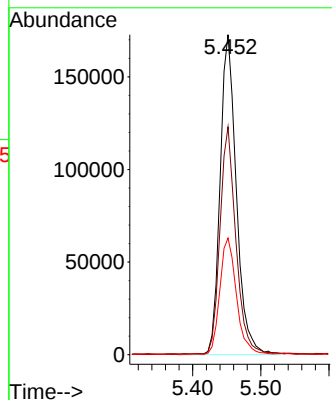
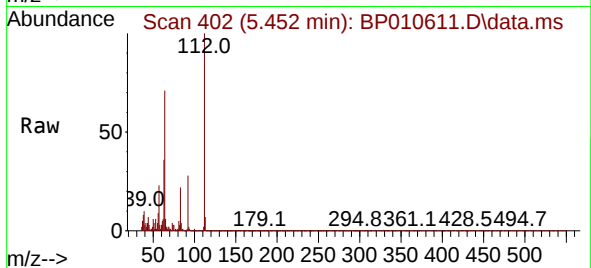




#5
2-Fluorophenol
Concen: 110.125 ng
RT: 5.452 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

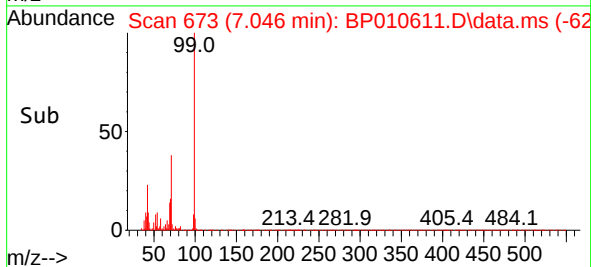
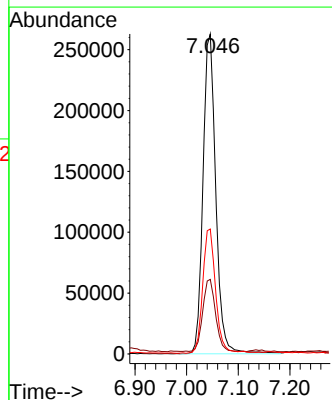
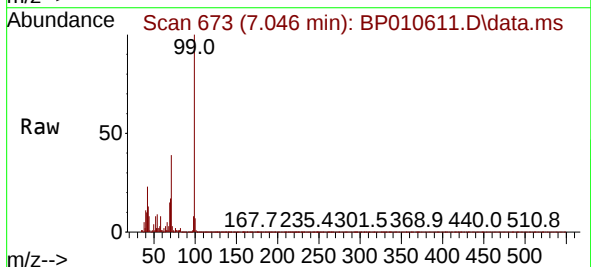
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

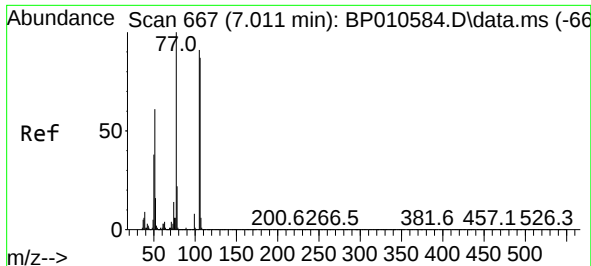
Tgt Ion:112 Resp: 286030
Ion Ratio Lower Upper
112 100
64 71.2 56.9 85.3
63 36.4 31.2 46.8



#7
Phenol-d6
Concen: 122.683 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.006 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

Tgt Ion: 99 Resp: 452369
Ion Ratio Lower Upper
99 100
42 23.3 20.3 30.5
71 39.1 33.9 50.9

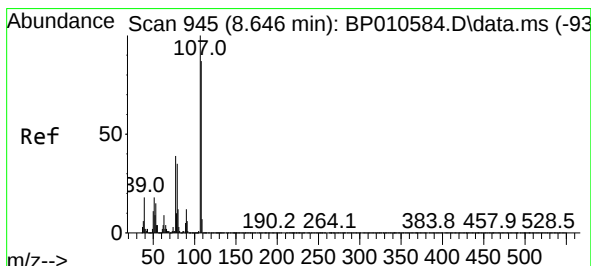
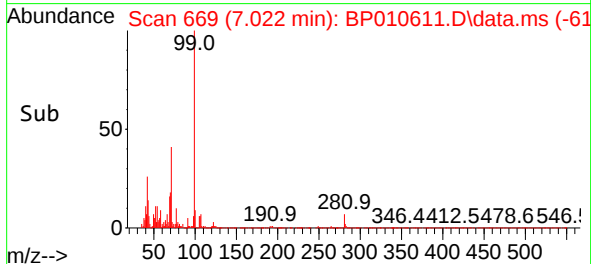
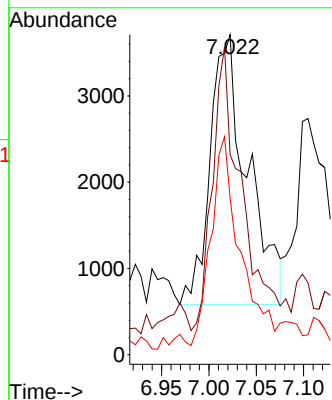
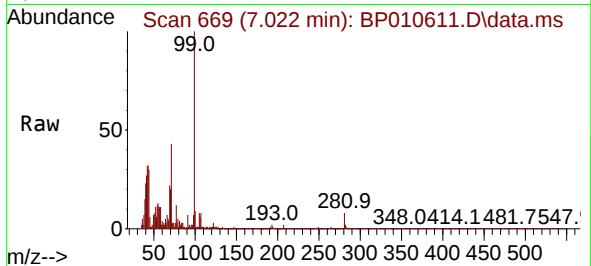




#9
Benzaldehyde
Concen: 3.530 ng
RT: 7.022 min Scan# 61
Delta R.T. 0.011 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

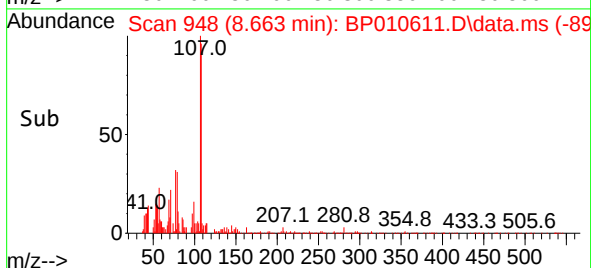
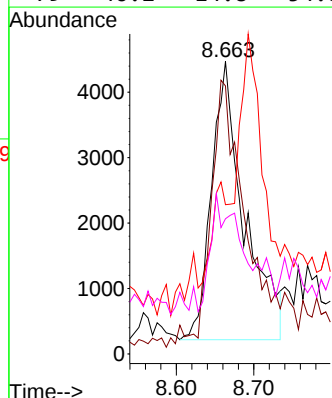
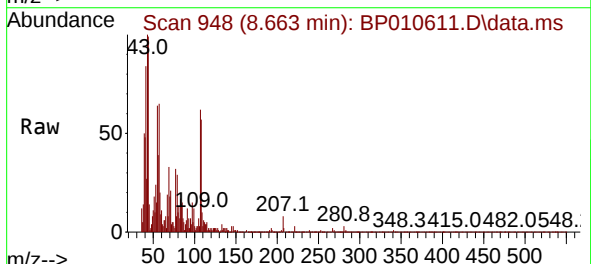
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

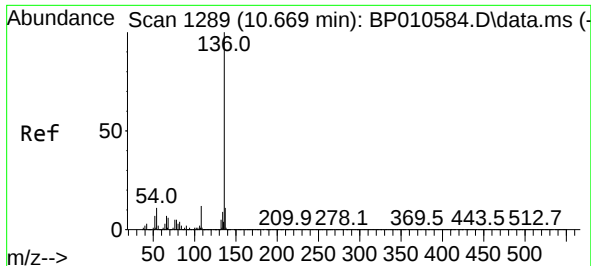
Tgt Ion: 77 Resp: 8565
Ion Ratio Lower Upper
77 100
105 62.6 71.4 111.4#
106 49.0 66.9 106.9#



#20
3+4-Methylphenols
Concen: 3.537 ng
RT: 8.663 min Scan# 948
Delta R.T. 0.018 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

Tgt Ion: 107 Resp: 12443
Ion Ratio Lower Upper
107 100
108 91.6 67.1 107.1
77 51.0 19.2 59.2
79 46.2 14.8 54.8

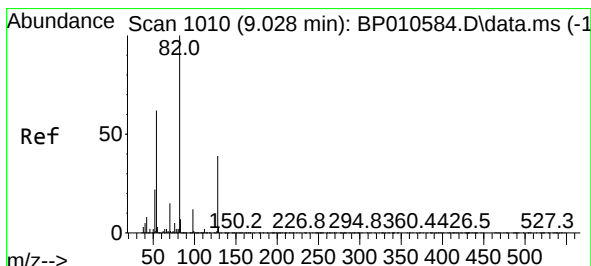
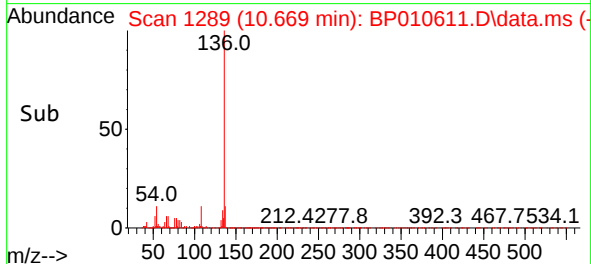
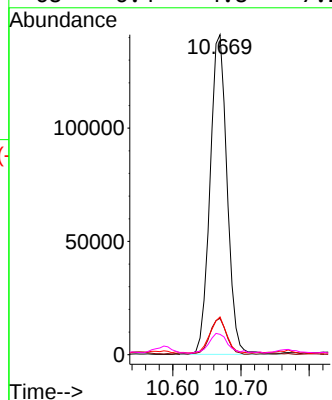
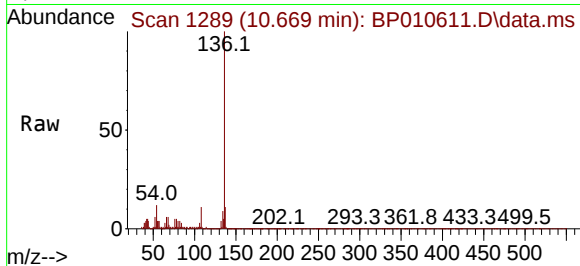




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

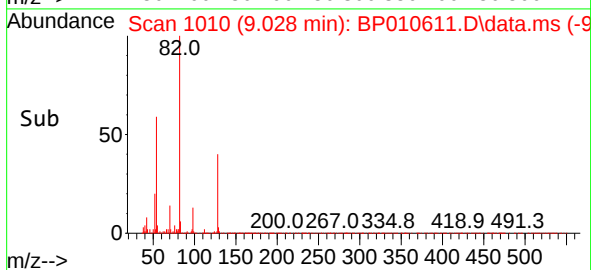
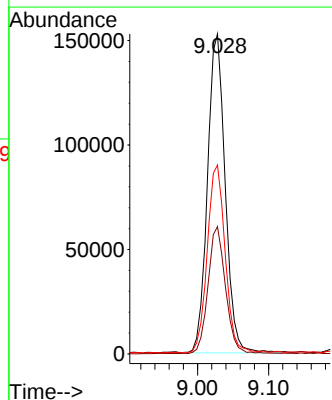
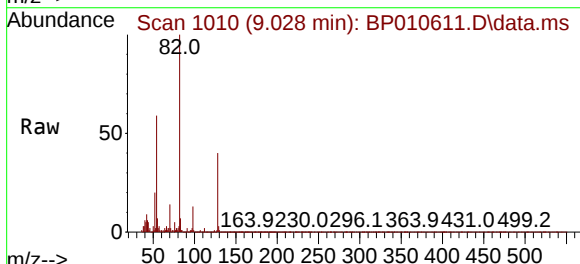
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

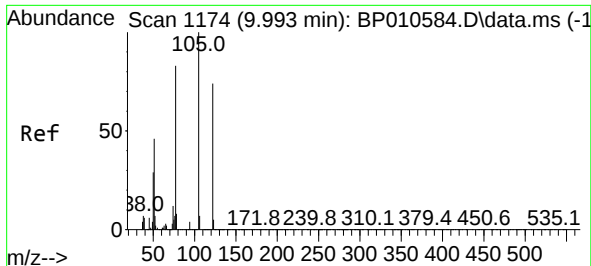
Tgt Ion:	136	Resp:	245800
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	11.8	8.7	13.1
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 50.917 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

Tgt Ion:	82	Resp:	264720
Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.3	46.9
54	59.0	49.8	74.8

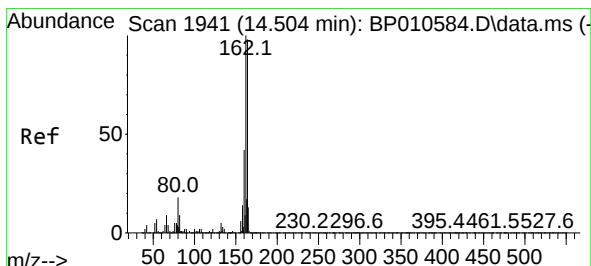
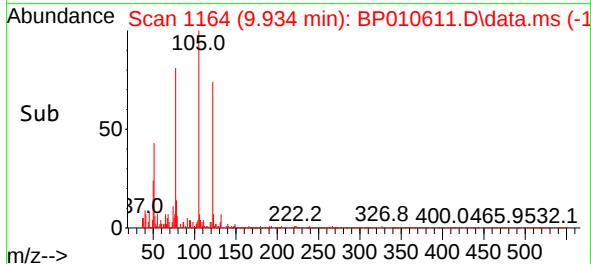
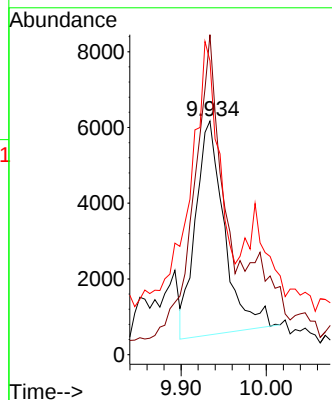
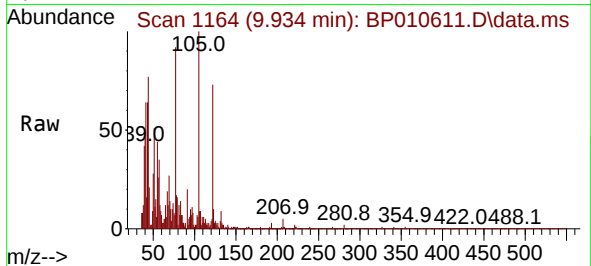




#32
Benzoic acid
Concen: 12.301 ng
RT: 9.934 min Scan# 1174
Delta R.T. -0.059 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

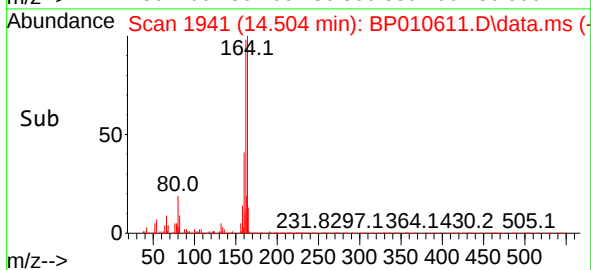
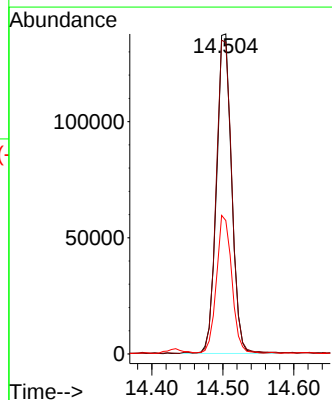
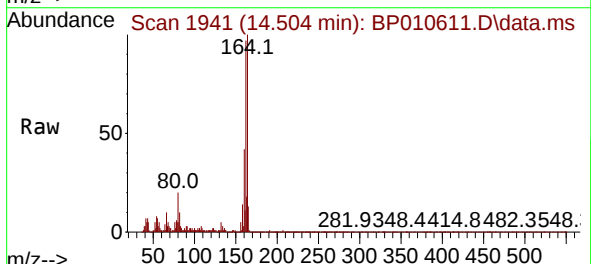
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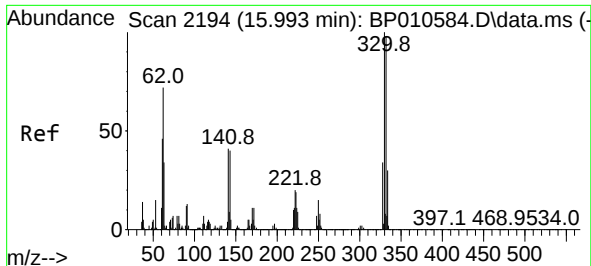
Tgt Ion:	122	Resp:	13260
Ion	Ratio	Lower	Upper
122	100		
105	137.0	112.6	152.6
77	125.9	90.2	130.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

Tgt Ion:	164	Resp:	202584
Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.9	122.9
160	41.7	34.6	51.8

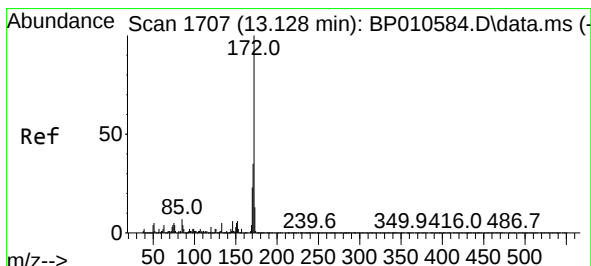
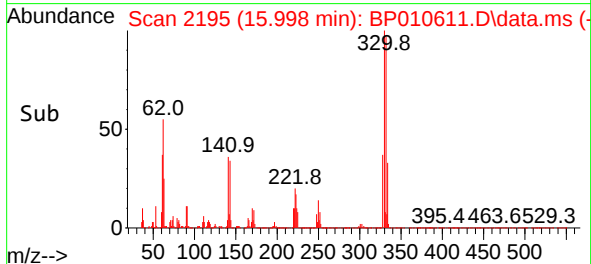
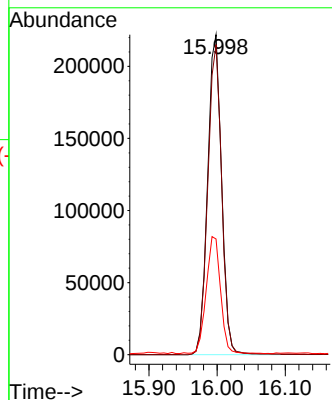
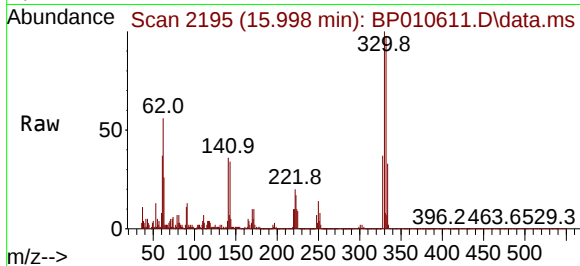




#42
2,4,6-Tribromophenol
Concen: 137.882 ng
RT: 15.998 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

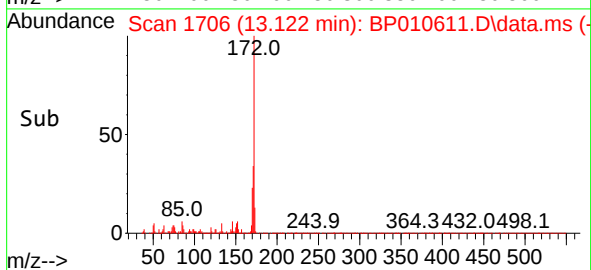
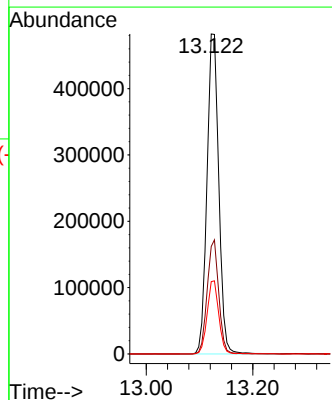
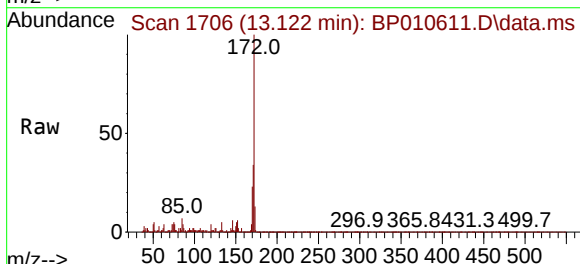
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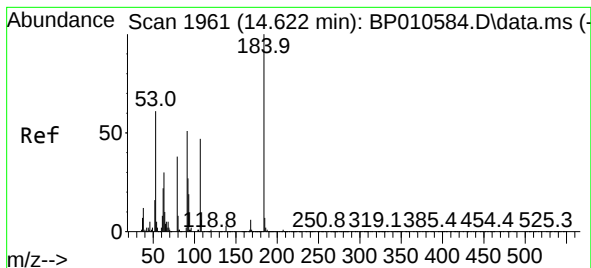
Tgt Ion:330 Resp: 316186
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 37.6 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 52.019 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

Tgt Ion:172 Resp: 742518
Ion Ratio Lower Upper
172 100
171 33.6 27.9 41.9
170 22.6 18.2 27.2





#54

2,4-Dinitrophenol

Concen: 6.662 ng

RT: 14.616 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BP010611.D

Acq: 28 May 2022 21:23

Instrument :

BNA_P

ClientSampleId :

P026-SS001-1824-01

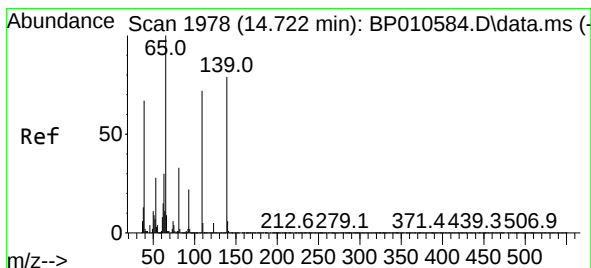
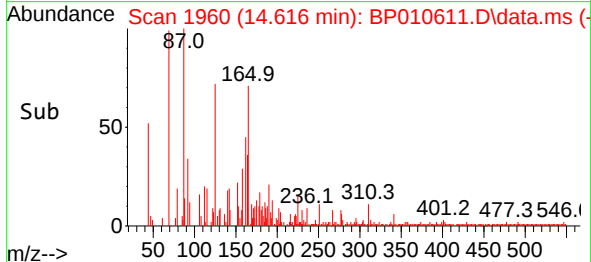
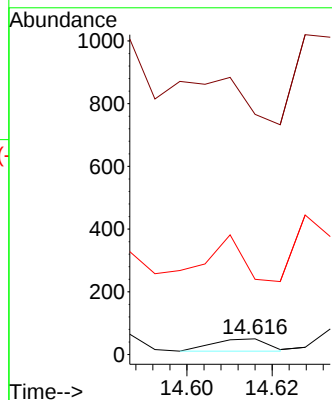
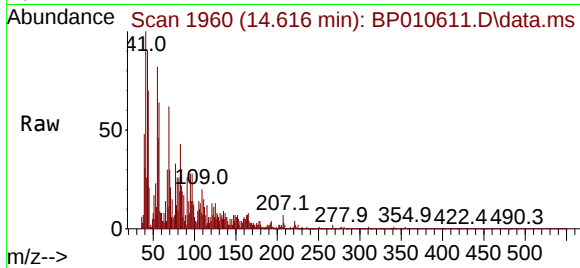
Tgt Ion:184 Resp: 35

Ion Ratio Lower Upper

184 100

63 1532.0 65.4 98.2#

154 480.0 55.4 83.2#



#56

4-Nitrophenol

Concen: 3.857 ng

RT: 14.751 min Scan# 1983

Delta R.T. 0.029 min

Lab File: BP010611.D

Acq: 28 May 2022 21:23

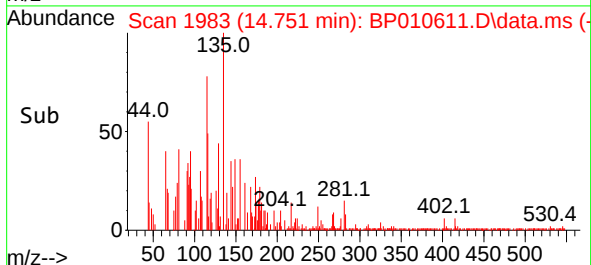
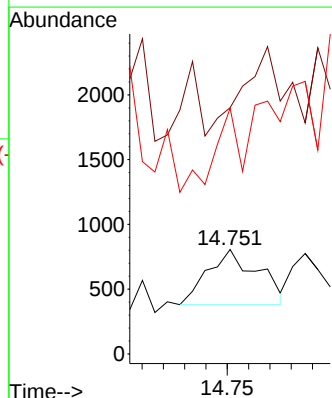
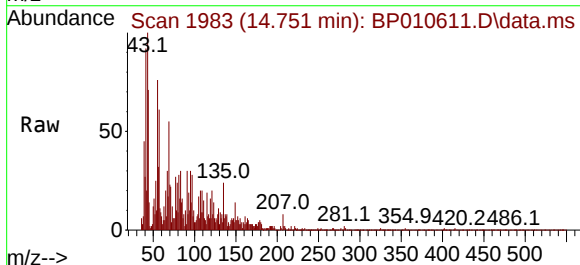
Tgt Ion:139 Resp: 696

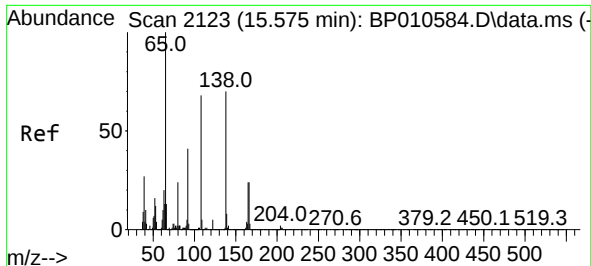
Ion Ratio Lower Upper

139 100

109 235.9 70.6 110.6#

65 235.4 106.6 146.6#

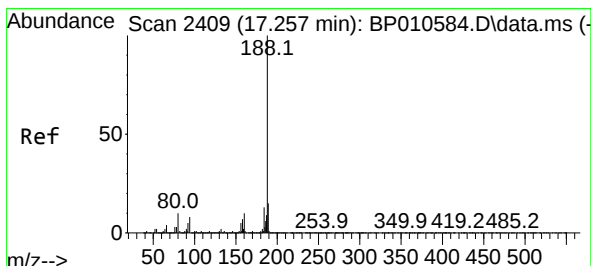
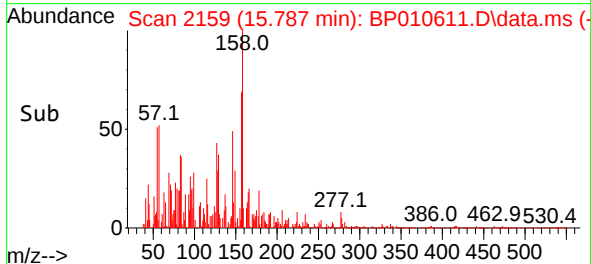
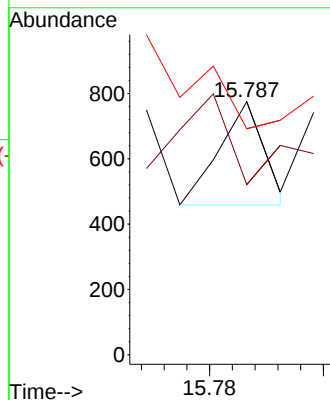
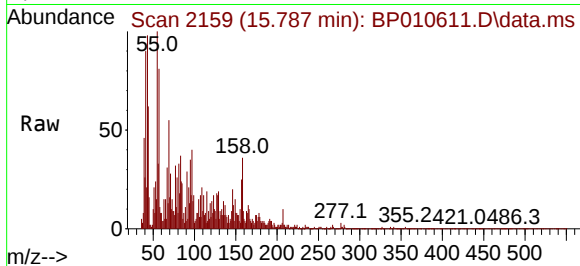




#62
4-Nitroaniline
Concen: 2.184 ng
RT: 15.787 min Scan# 2123
Delta R.T. 0.212 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

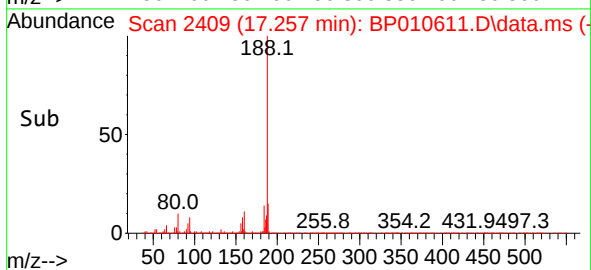
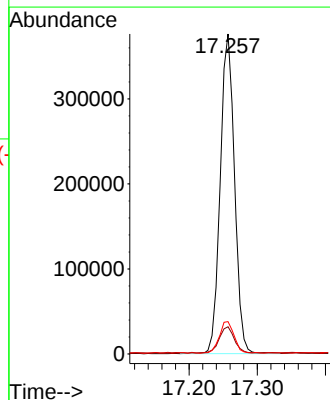
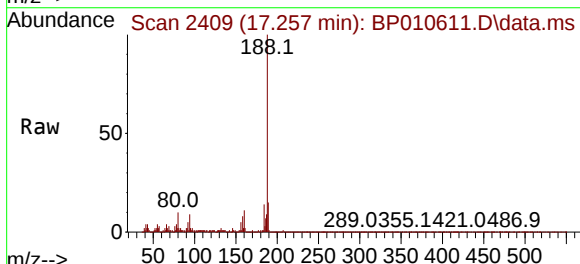
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

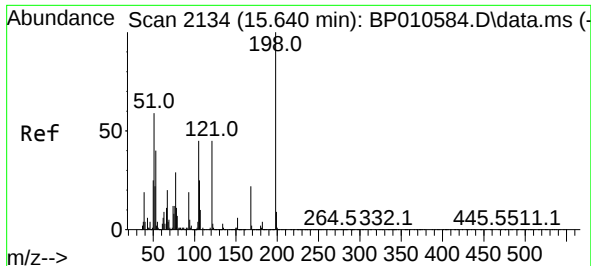
Tgt Ion:138 Resp: 174
Ion Ratio Lower Upper
138 100
92 67.2 38.0 78.0
108 89.3 77.6 117.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

Tgt Ion:188 Resp: 547896
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 10.1 8.0 12.0

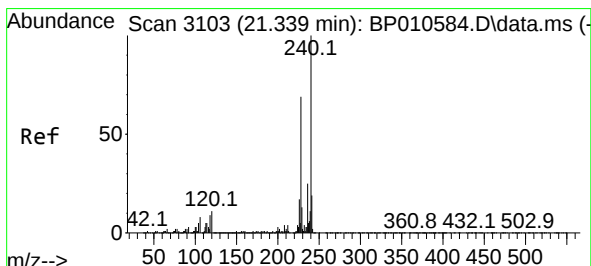
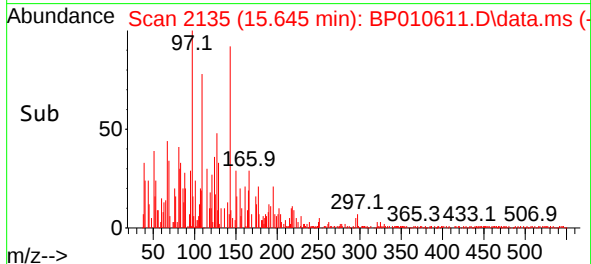
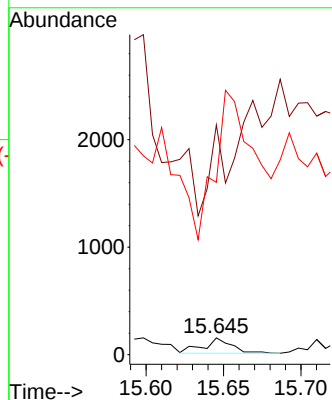
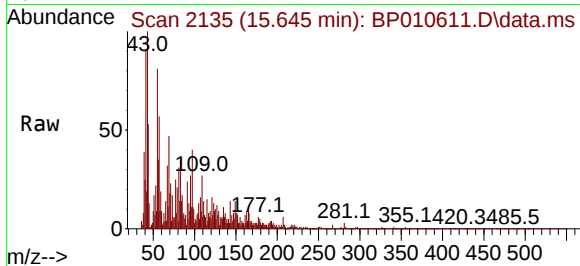




#65
4,6-Dinitro-2-methylphenol
Concen: 4.649 ng
RT: 15.645 min Scan# 2134
Delta R.T. 0.005 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

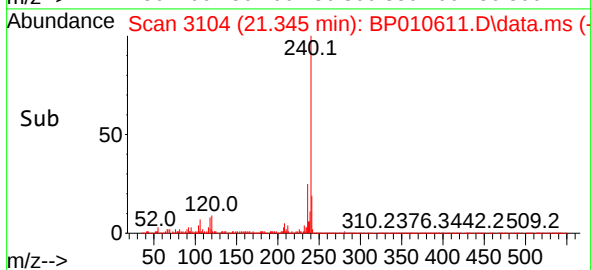
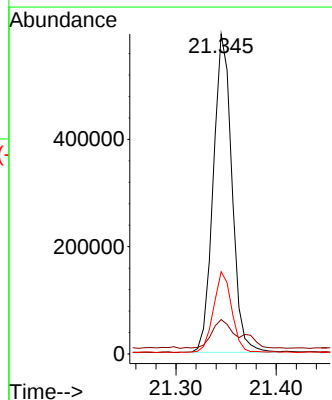
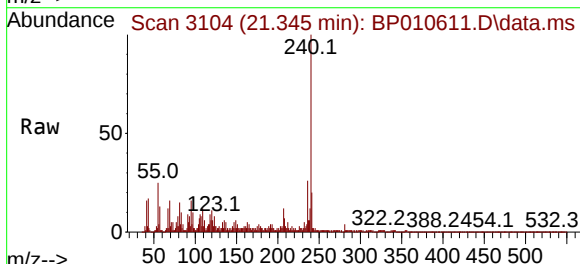
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

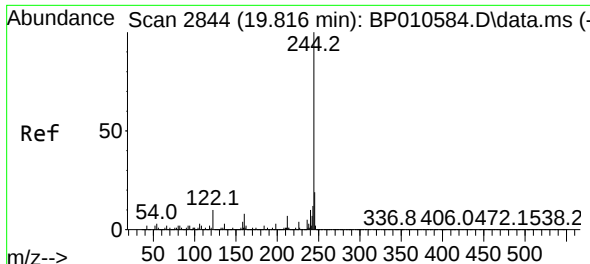
Tgt Ion:198 Resp: 179
Ion Ratio Lower Upper
198 100
51 1369.9 41.2 81.2#
105 1028.2 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP010611.D
Acq: 28 May 2022 21:23

Tgt Ion:240 Resp: 765523
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.7 19.8 29.6



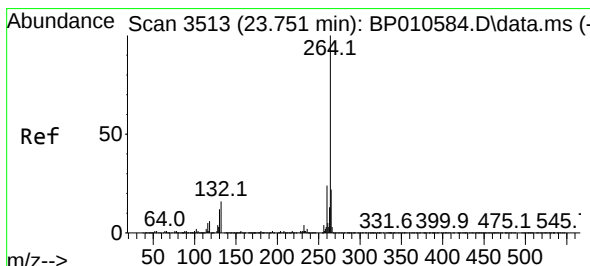
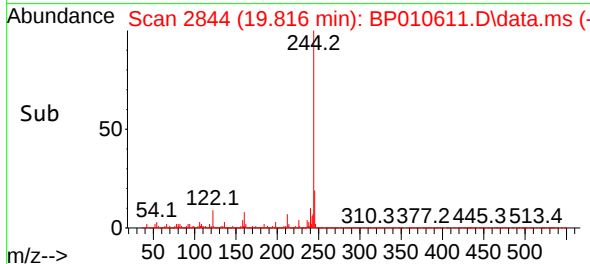
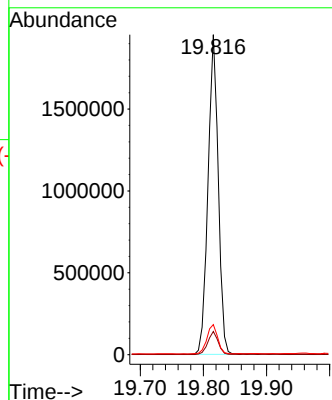
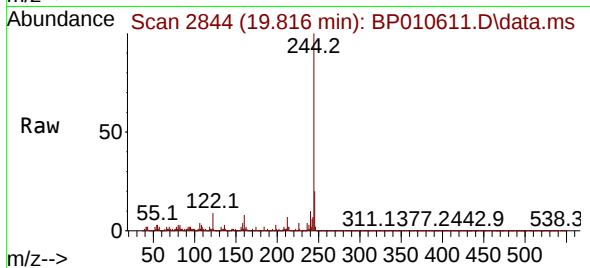


#79
 Terphenyl-d14
 Concen: 54.209 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP010611.D
 Acq: 28 May 2022 21:23

Instrument :
 BNA_P
 ClientSampleId :
 P026-SS001-1824-01

Tgt Ion:244 Resp: 2209341

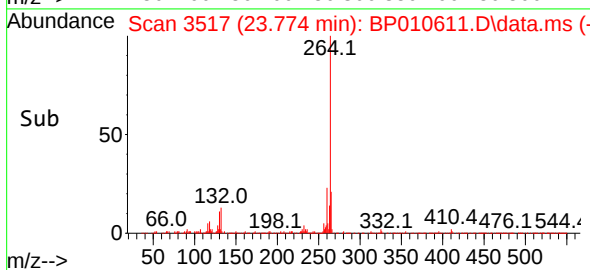
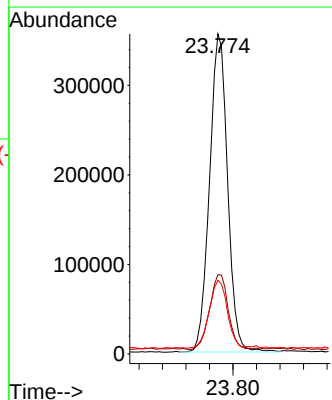
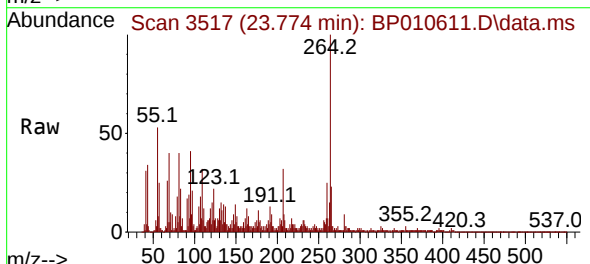
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.4	7.6	11.4

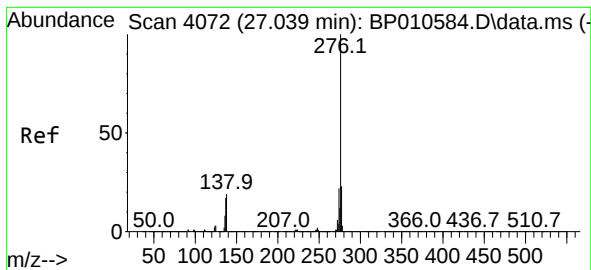


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3517
 Delta R.T. 0.023 min
 Lab File: BP010611.D
 Acq: 28 May 2022 21:23

Tgt Ion:264 Resp: 758684

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	23.0	18.0	27.0





#92

Benzo(g,h,i)perylene

Concen: 5.168 ng

RT: 27.086 min Scan# 40

Delta R.T. 0.047 min

Lab File: BP010611.D

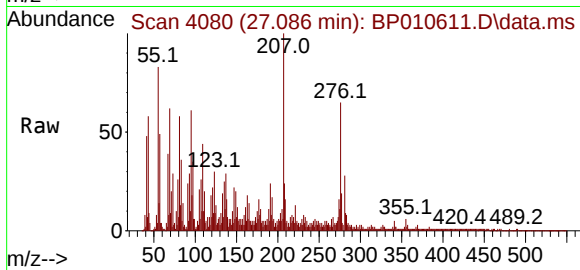
Acq: 28 May 2022 21:23

Instrument :

BNA_P

ClientSampleId :

P026-SS001-1824-01



Tgt Ion:276 Resp: 237675

Ion Ratio Lower Upper

276 100

277 29.6 18.7 28.1#

138 24.0 15.2 22.8#

