

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061221\
 Data File : BP005889.D
 Acq On : 12 Jun 2021 15:24
 Operator : CG/JU
 Sample : M2644-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1824-25

Quant Time: Jun 14 02:08:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 13:53:36 2021
 Response via : Initial Calibration

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

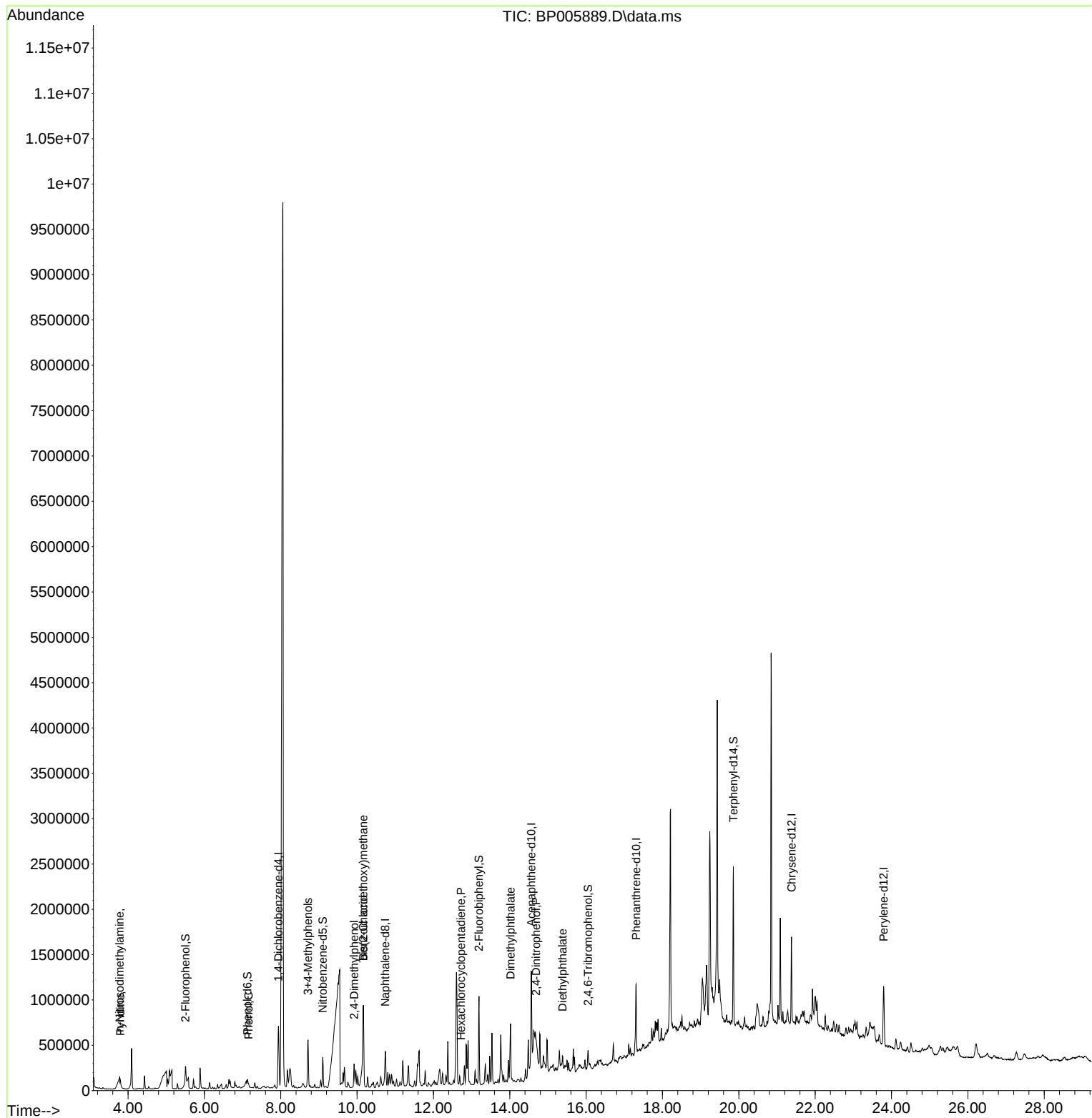
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	80234	20.00	ng	0.00
21) Naphthalene-d8	10.740	136	312948	20.00	ng	-0.01
39) Acenaphthene-d10	14.563	164	197128	20.00	ng	-0.01
64) Phenanthrene-d10	17.310	188	410251	20.00	ng	-0.01
76) Chrysene-d12	21.380	240	443867	20.00	ng	-0.01
86) Perylene-d12	23.792	264	507295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	59505	11.90	ng	0.00
7) Phenol-d6	7.128	99	58303	9.00	ng	0.02
23) Nitrobenzene-d5	9.099	82	195270	30.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	41779	12.35	ng	-0.01
45) 2-Fluorobiphenyl	13.193	172	474011	31.58	ng	-0.01
79) Terphenyl-d14	19.857	244	786419	33.18	ng	-0.01
Target Compounds						
3) Pyridine	3.799	79	71888	13.54	ng	Qvalue 99
4) n-Nitrosodimethylamine	3.781	42	19628	7.95	ng	# 2
10) Phenol	7.158	94	27218	4.20	ng	99
20) 3+4-Methylphenols	8.716	107	237944	39.93	ng	87
27) 2,4-Dimethylphenol	9.922	122	86203	18.30	ng	97
28) bis(2-Chloroethoxy)met...	10.163	93	24684	4.01	ng	# 1
32) Benzoic acid	10.163	122	243033	66.10	ng	94
41) Hexachlorocyclopentadiene	12.722	237	31	5.51	ng	90
50) Dimethylphthalate	14.022	163	92842	5.73	ng	100
54) 2,4-Dinitrophenol	14.693	184	1188	5.36	ng	# 29
60) Diethylphthalate	15.381	149	83334	5.12	ng	98

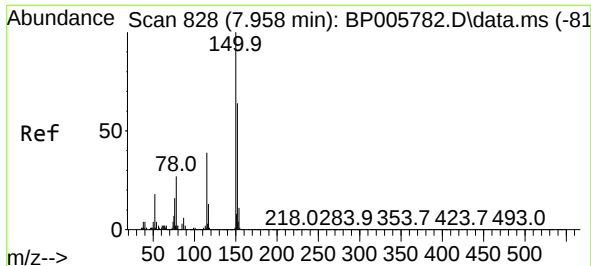
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061221\
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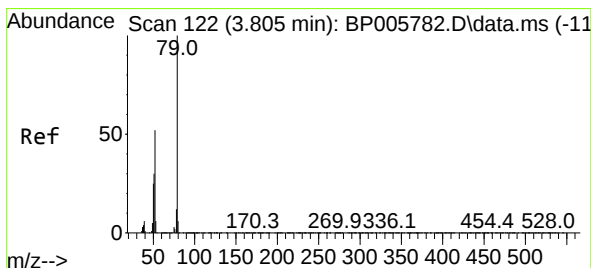
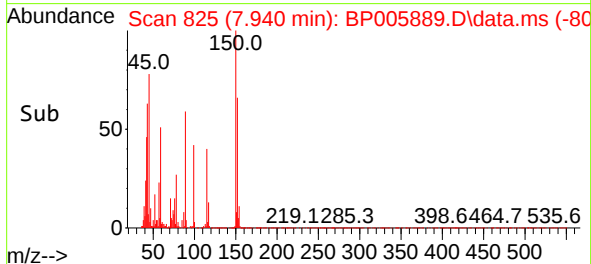
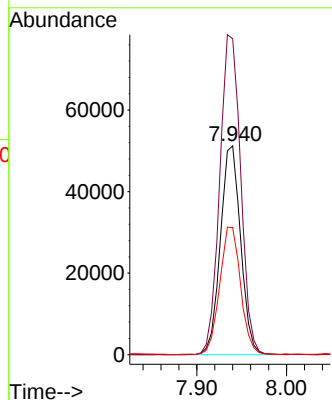
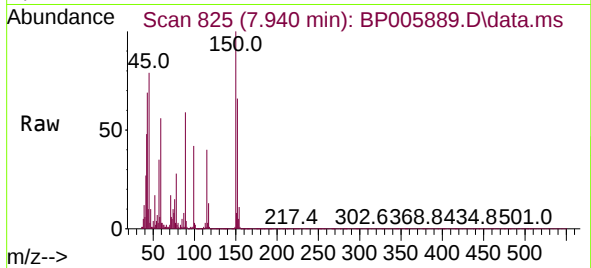




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.940 min Scan# 825
Delta R.T. -0.006 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

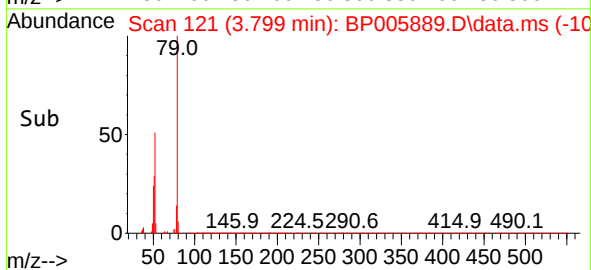
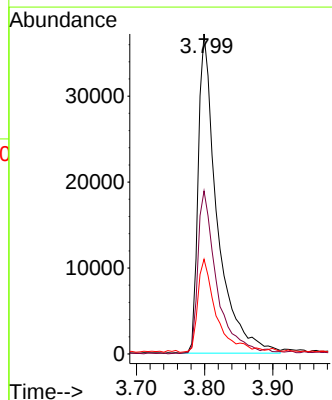
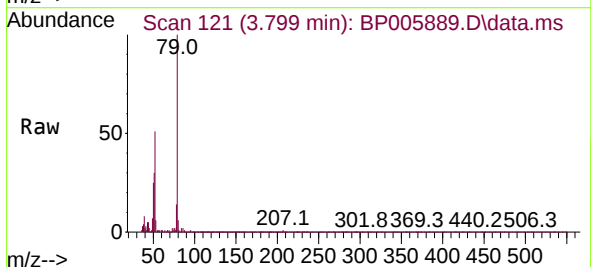
Instrument :
BNA_P
ClientSampleId :
1824-25

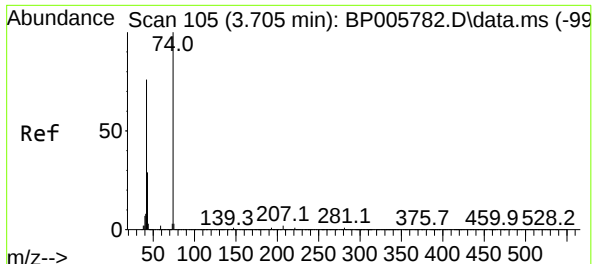
Tgt Ion:152 Resp: 80234
Ion Ratio Lower Upper
152 100
150 151.3 125.6 188.4
115 60.9 48.5 72.7



#3
Pyridine
Concen: 13.54 ng
RT: 3.799 min Scan# 121
Delta R.T. 0.006 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion: 79 Resp: 71888
Ion Ratio Lower Upper
79 100
52 51.0 41.7 62.5
51 29.6 24.1 36.1





#4

n-Nitrosodimethylamine

Concen: 7.95 ng

RT: 3.781 min Scan# 118

Delta R.T. 0.082 min

Lab File: BP005889.D

Acq: 12 Jun 2021 15:24

Tgt Ion: 42 Resp: 19628

Ion Ratio Lower Upper

42 100

74 19.3 105.4 158.0#

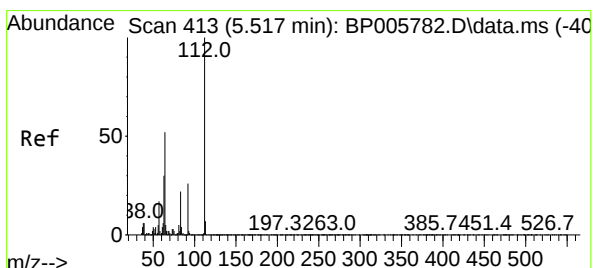
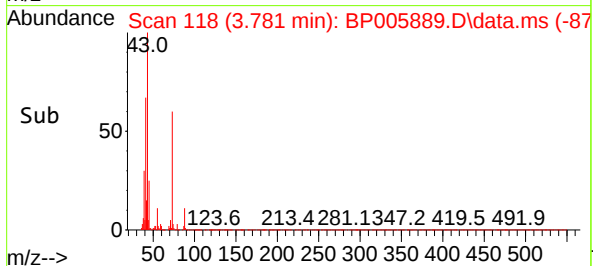
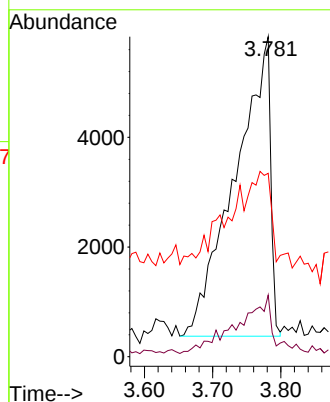
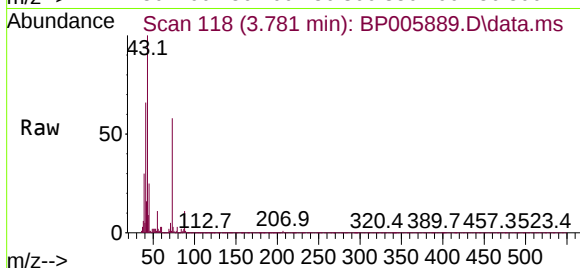
44 57.3 4.2 6.4#

Instrument :

BNA_P

ClientSampleId :

1824-25



#5

2-Fluorophenol

Concen: 11.90 ng

RT: 5.505 min Scan# 411

Delta R.T. -0.006 min

Lab File: BP005889.D

Acq: 12 Jun 2021 15:24

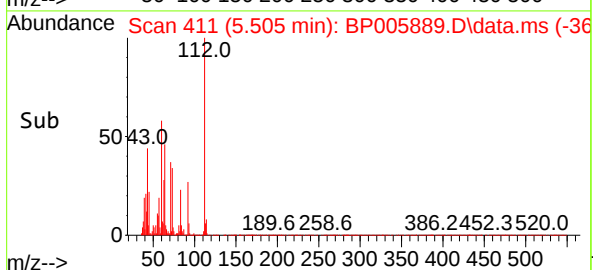
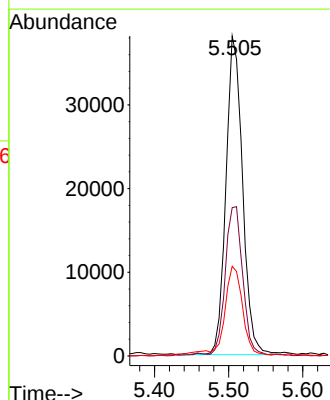
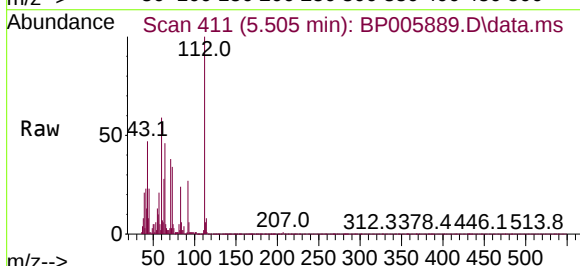
Tgt Ion: 112 Resp: 59505

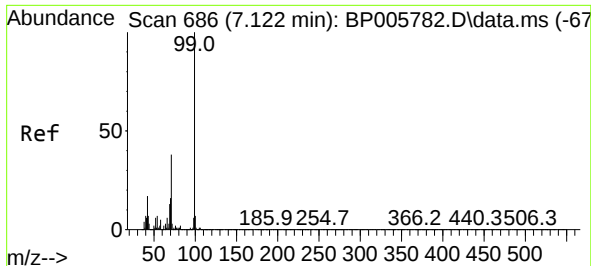
Ion Ratio Lower Upper

112 100

64 46.3 41.4 62.2

63 28.1 23.8 35.8

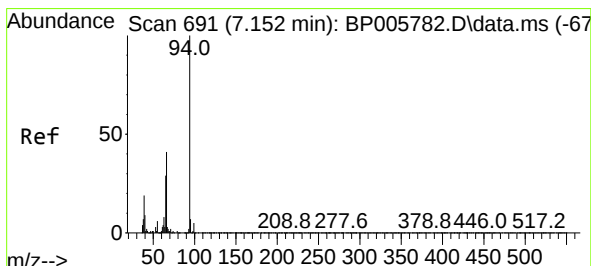
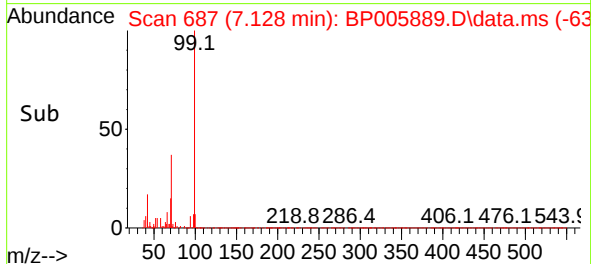
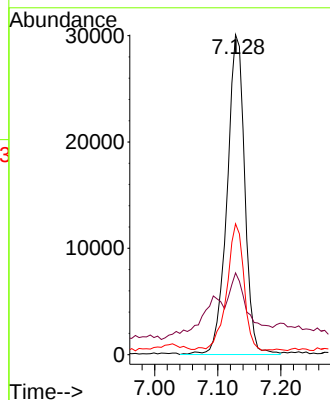
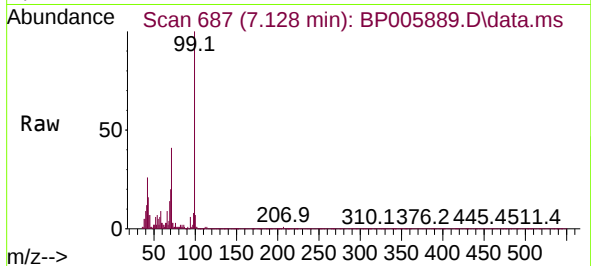




#7
Phenol-d6
Concen: 9.00 ng
RT: 7.128 min Scan# 687
Delta R.T. 0.018 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

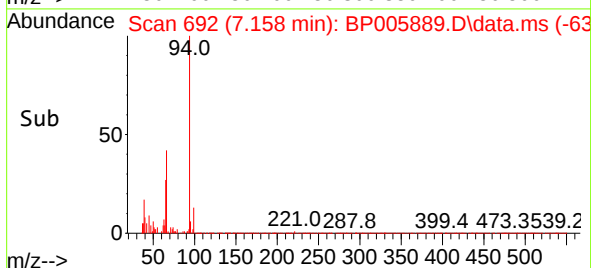
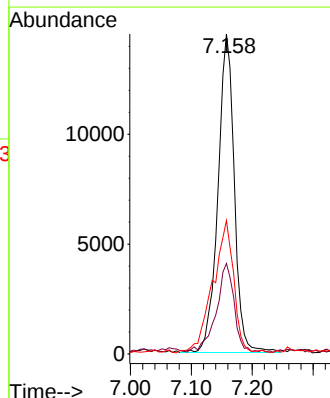
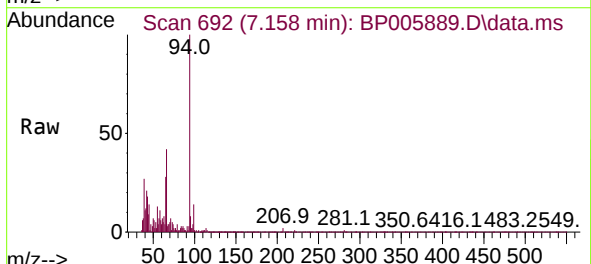
Instrument :
BNA_P
ClientSampleId :
1824-25

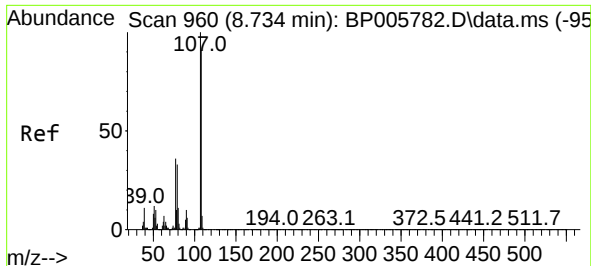
Tgt Ion: 99 Resp: 58303
Ion Ratio Lower Upper
99 100
42 25.6 13.4 20.0#
71 40.9 30.6 46.0



#10
Phenol
Concen: 4.20 ng
RT: 7.158 min Scan# 692
Delta R.T. 0.018 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion: 94 Resp: 27218
Ion Ratio Lower Upper
94 100
65 28.3 8.8 48.8
66 41.7 20.7 60.7

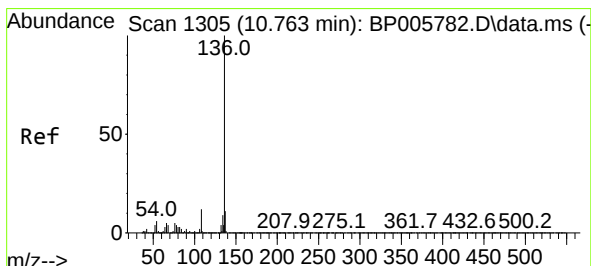
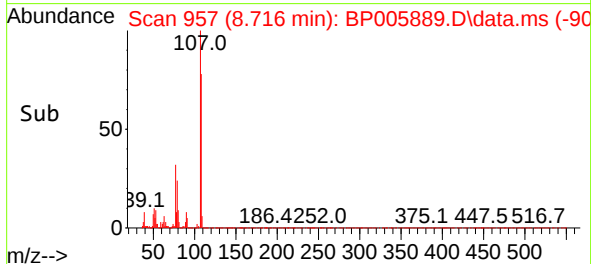
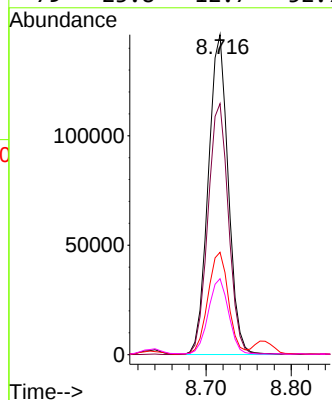
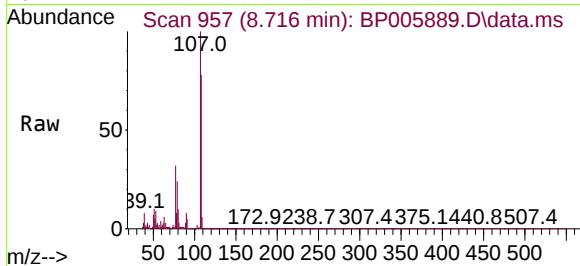




#20
3+4-Methylphenols
Concen: 39.93 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

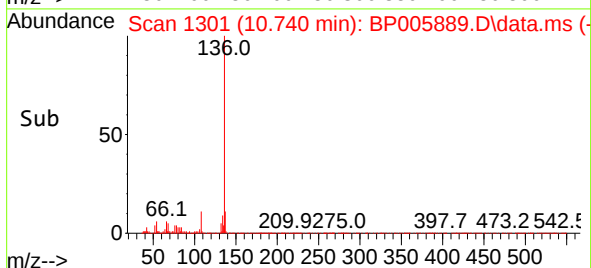
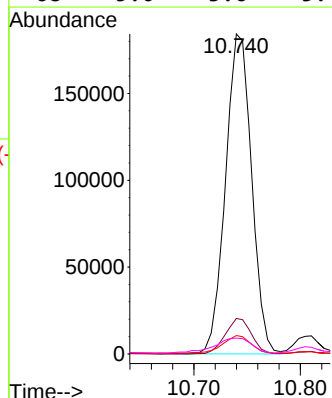
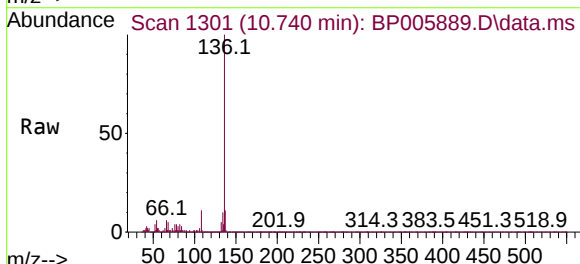
Instrument :
BNA_P
ClientSampleId :
1824-25

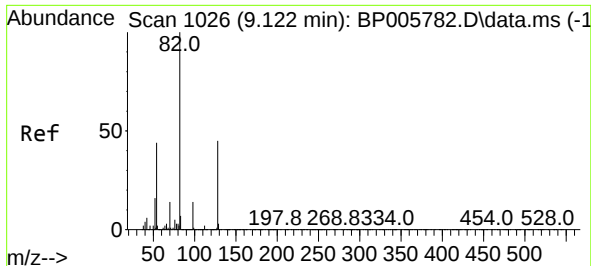
Tgt Ion:	107	Resp:	237944
Ion	Ratio	Lower	Upper
107	100		
108	78.5	71.0	111.0
77	32.0	16.6	56.6
79	23.8	12.7	52.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.740 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion:	136	Resp:	312948
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	5.8	4.6	6.8
68	5.0	3.6	5.4

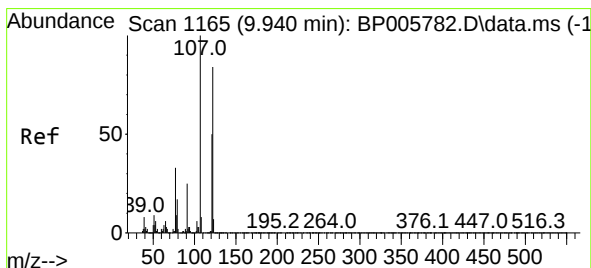
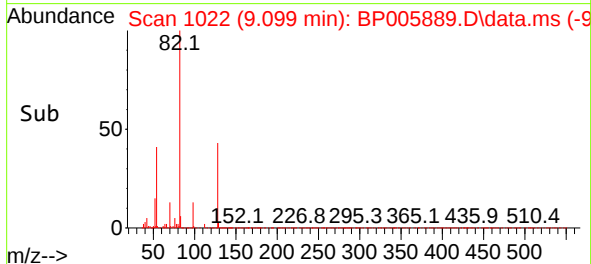
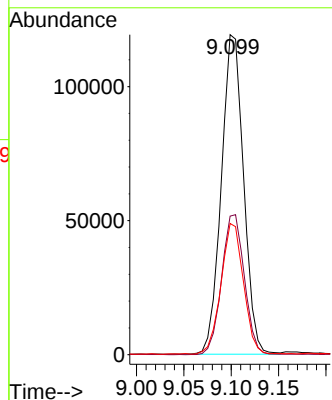
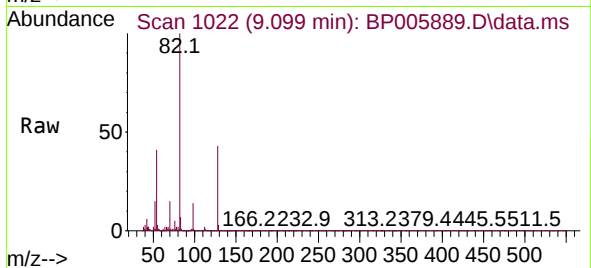




#23
Nitrobenzene-d5
Concen: 30.59 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

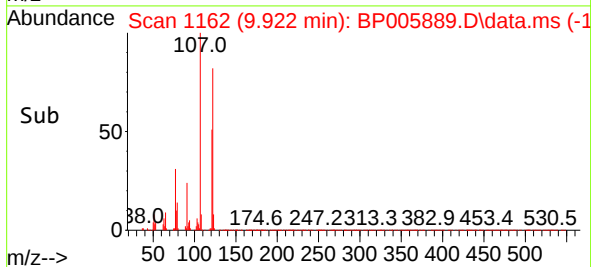
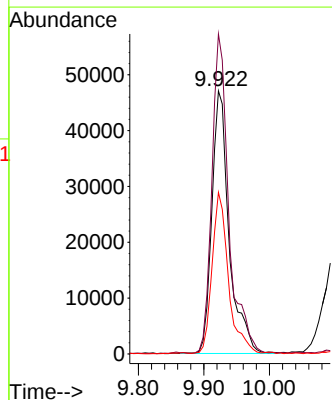
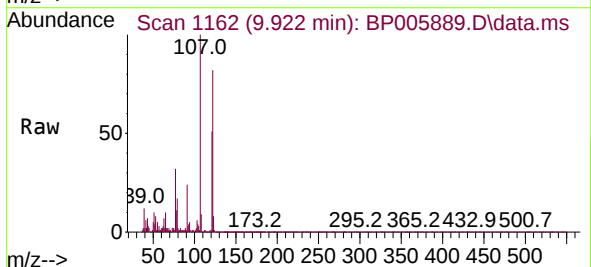
Instrument :
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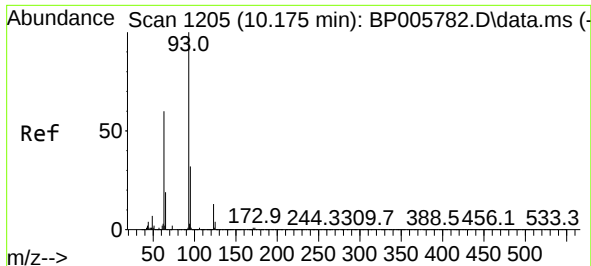
Tgt Ion: 82 Resp: 195270
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 41.0 35.0 52.4



#27
2,4-Dimethylphenol
Concen: 18.30 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion: 122 Resp: 86203
Ion Ratio Lower Upper
122 100
107 121.7 94.5 141.7
121 61.4 47.4 71.2

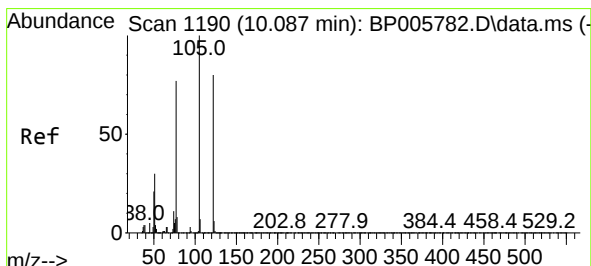
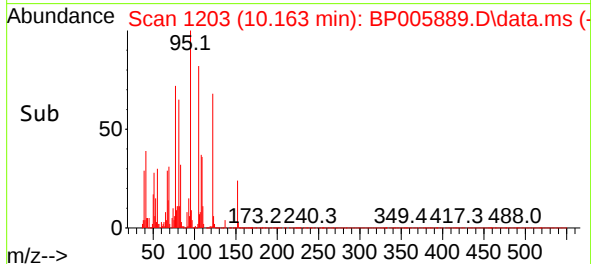
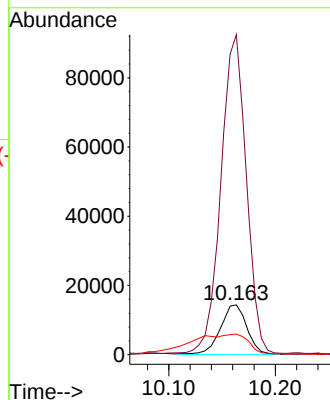
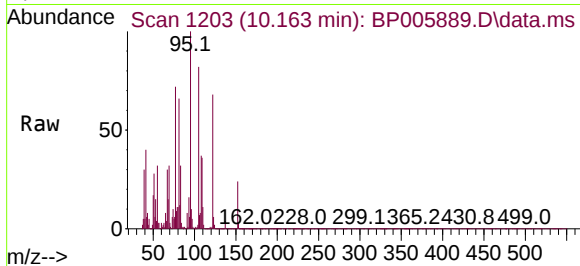




#28
bis(2-Chloroethoxy)methane
Concen: 4.01 ng
RT: 10.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

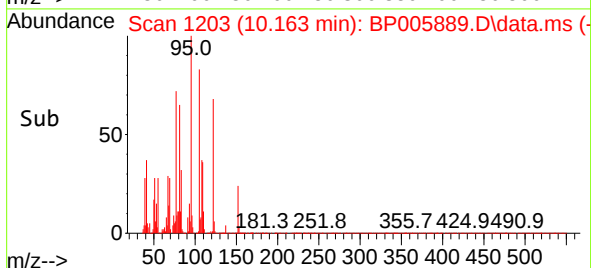
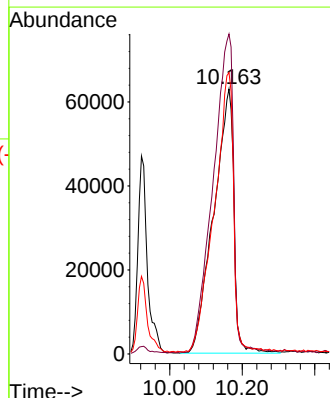
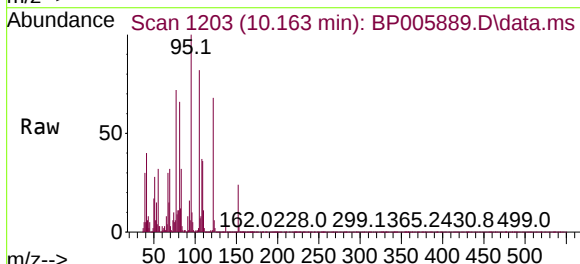
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1824-25

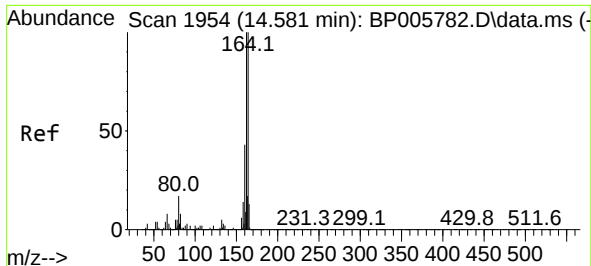
Tgt Ion: 93 Resp: 24684
Ion Ratio Lower Upper
93 100
95 643.9 25.9 38.9#
123 41.5 10.2 15.2#



#32
Benzoic acid
Concen: 66.10 ng
RT: 10.163 min Scan# 1203
Delta R.T. 0.082 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion:122 Resp: 243033
Ion Ratio Lower Upper
122 100
105 120.8 103.2 143.2
77 106.2 76.2 116.2

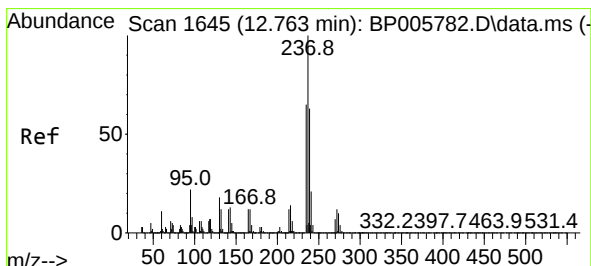
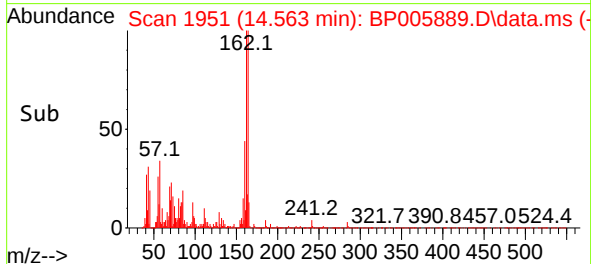
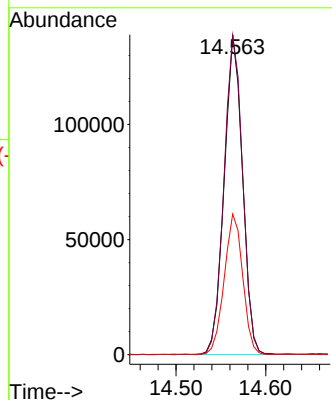
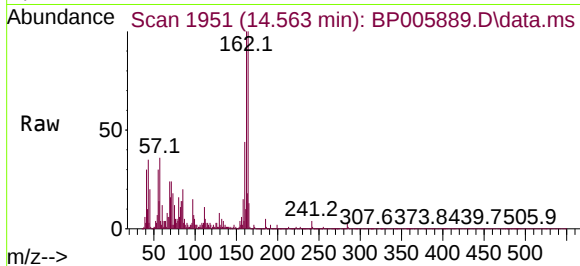




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

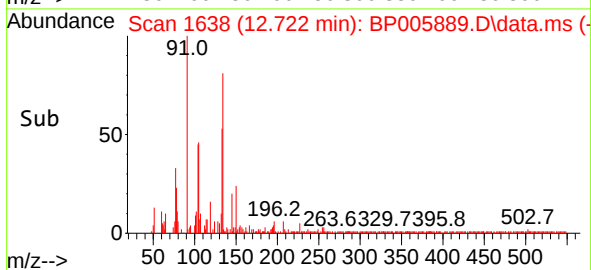
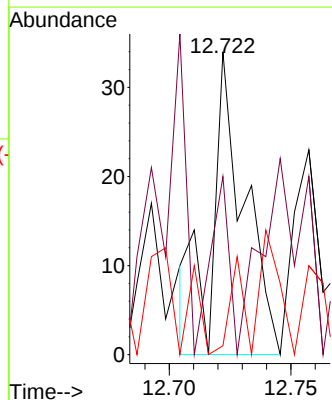
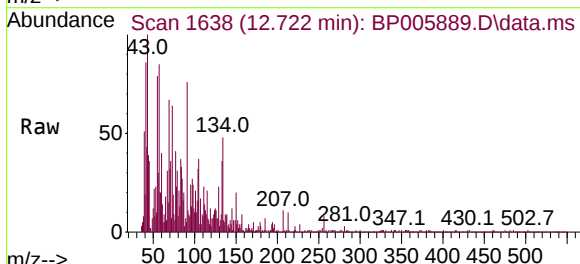
Instrument :
BNA_P
ClientSampled :
1824-25

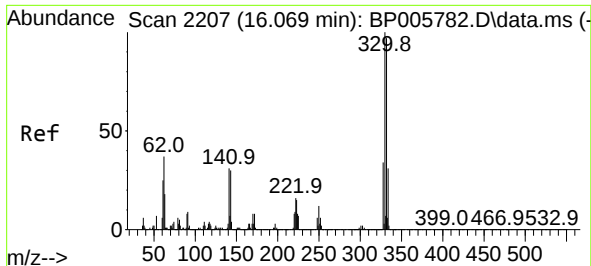
Tgt Ion:164 Resp: 197128
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 44.0 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.035 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion:237 Resp: 31
Ion Ratio Lower Upper
237 100
235 58.8 44.5 84.5
272 2.9 0.0 32.5

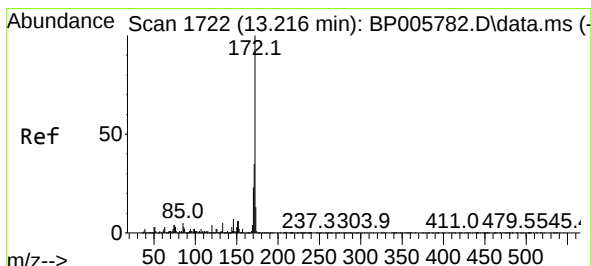
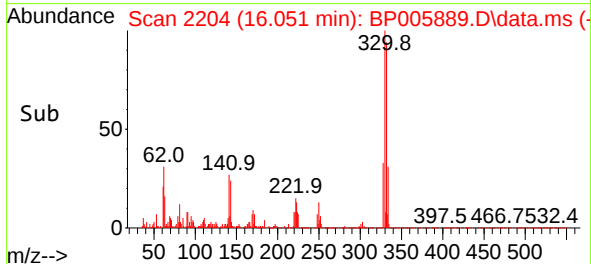
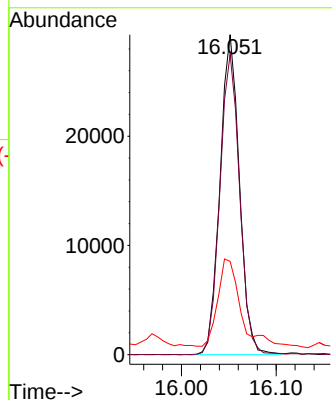
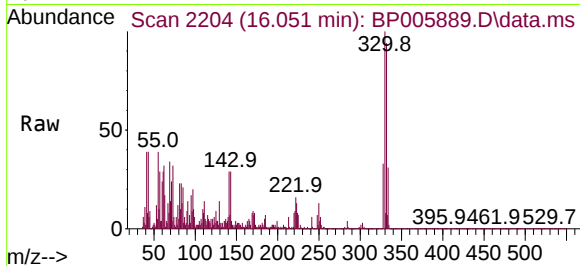




#42
2,4,6-Tribromophenol
Concen: 12.35 ng
RT: 16.051 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

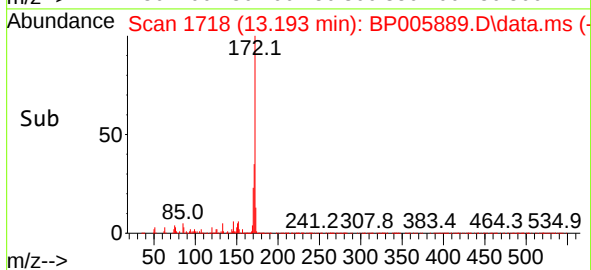
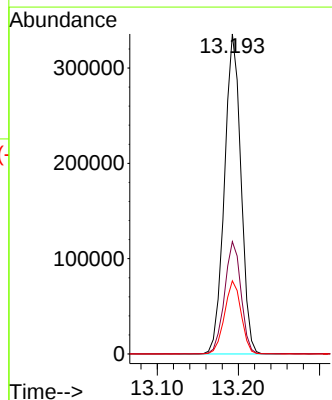
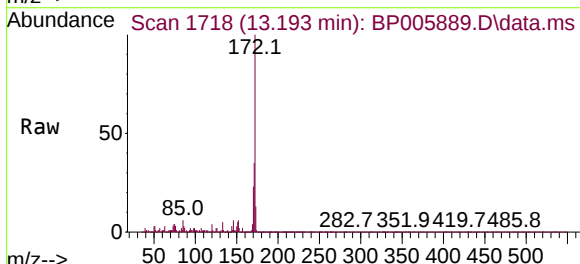
Instrument :
BNA_P
ClientSampleId :
1824-25

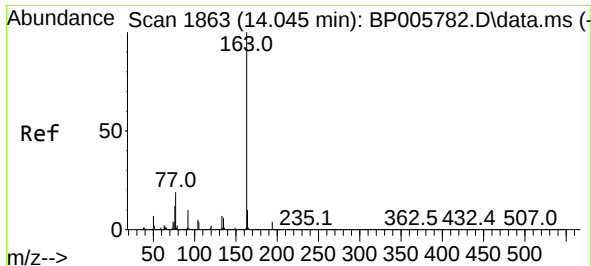
Tgt Ion: 330 Resp: 41779
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 33.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 31.58 ng
RT: 13.193 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion: 172 Resp: 474011
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.8 18.6 27.8

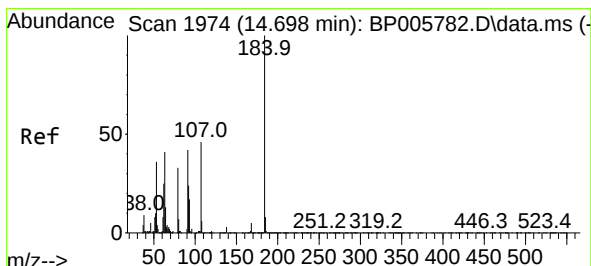
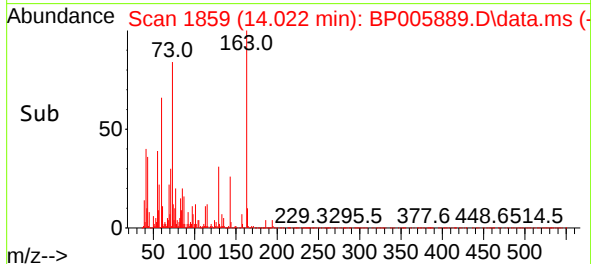
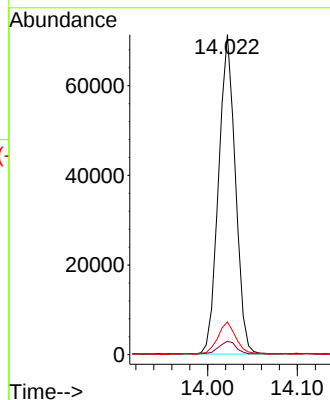
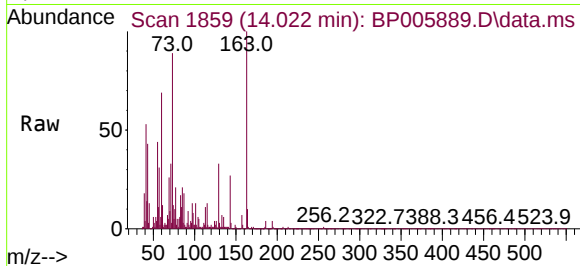




#50
Dimethylphthalate
Concen: 5.73 ng
RT: 14.022 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

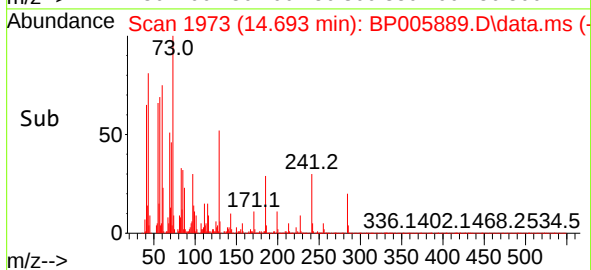
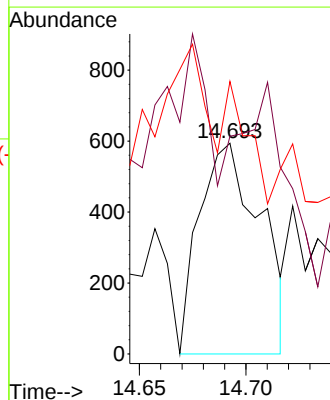
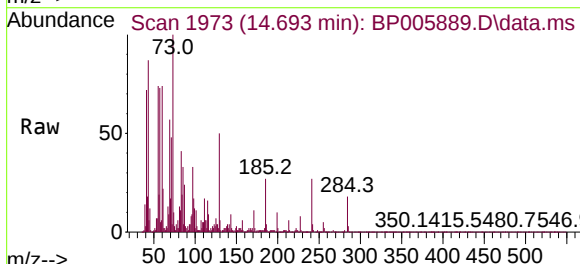
Instrument :
BNA_P
ClientSampleId :
1824-25

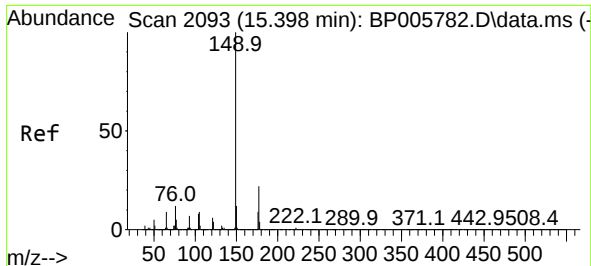
Tgt Ion:163	Resp:	92842
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.4 5.2
164	10.3	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 5.36 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion:184	Resp:	1188
Ion Ratio	Lower	Upper
184	100	
63	103.4	47.0 70.6#
154	129.3	52.3 78.5#

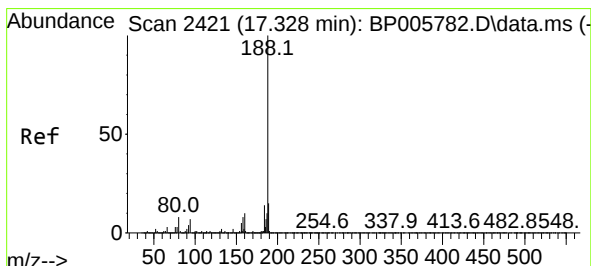
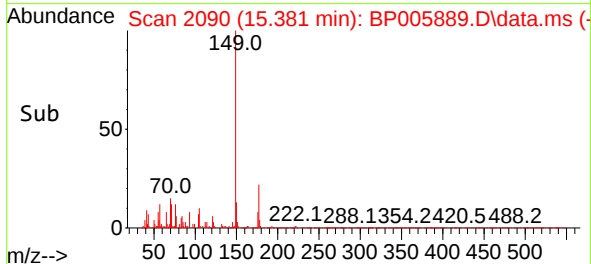
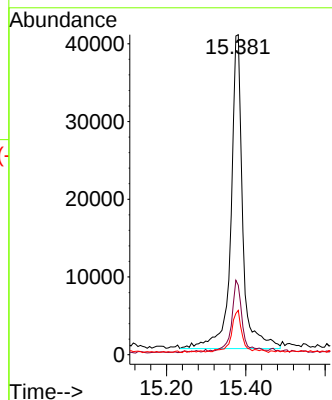
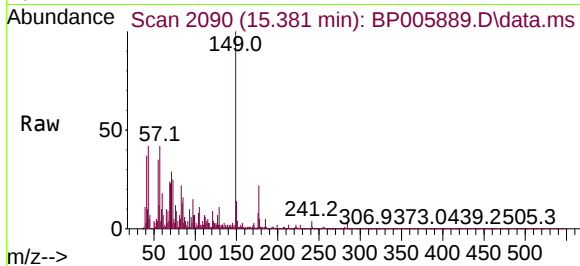




#60
Diethylphthalate
Concen: 5.12 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

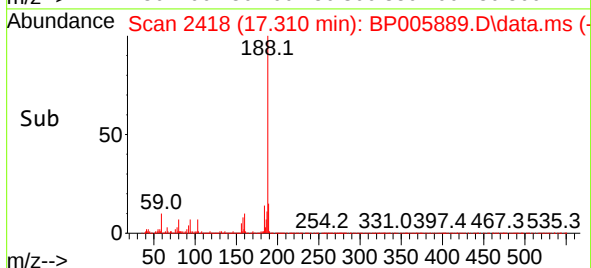
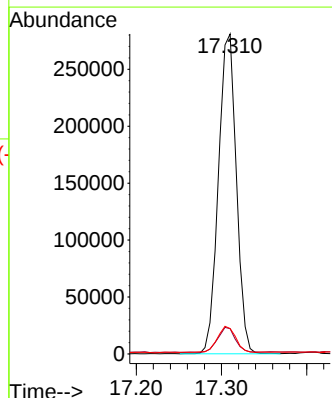
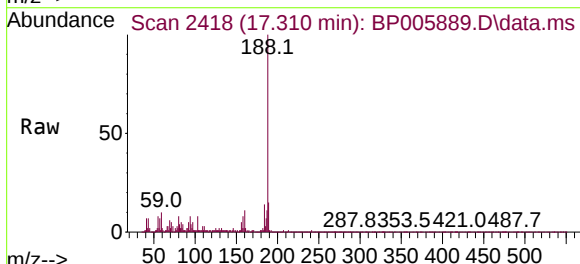
Instrument :
BNA_P
ClientSampled :
1824-25

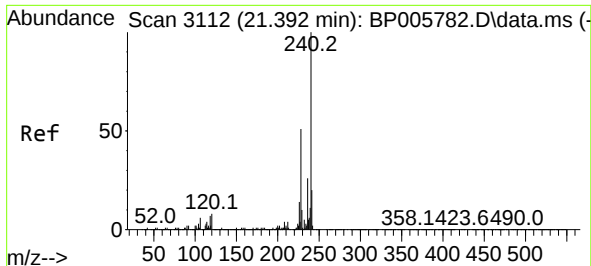
Tgt Ion:149 Resp: 83334
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 13.8 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion:188 Resp: 410251
Ion Ratio Lower Upper
188 100
94 7.9 5.6 8.4
80 7.9 6.3 9.5

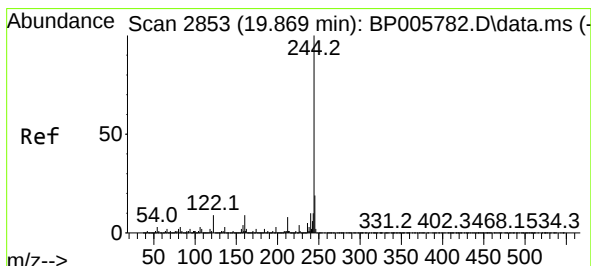
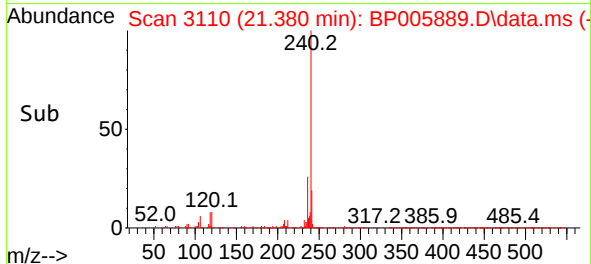
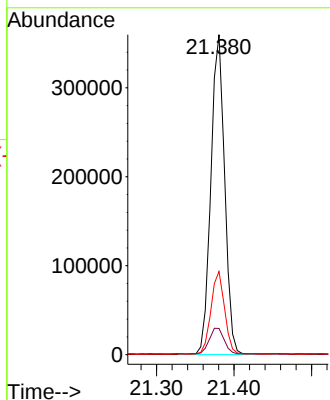
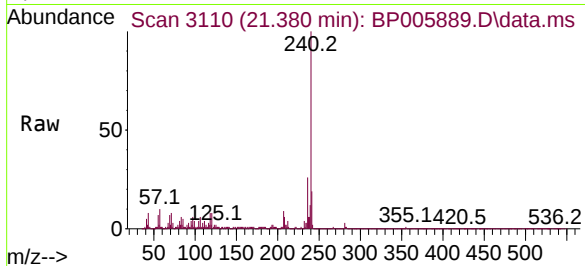




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

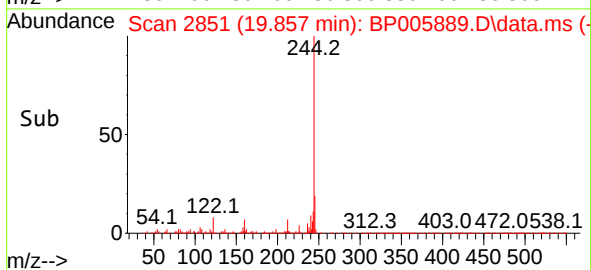
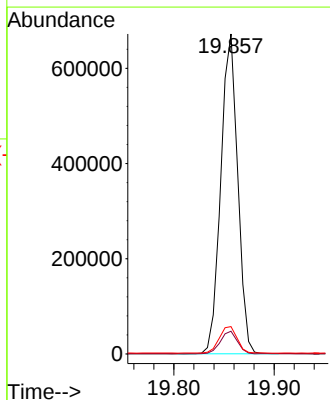
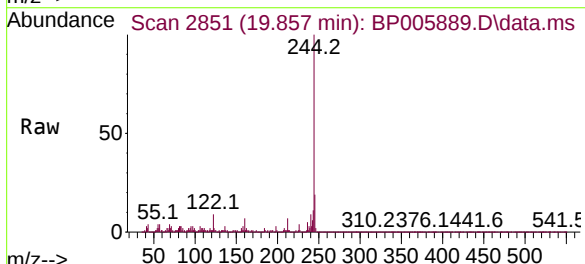
Instrument :
BNA_P
ClientSampleId :
1824-25

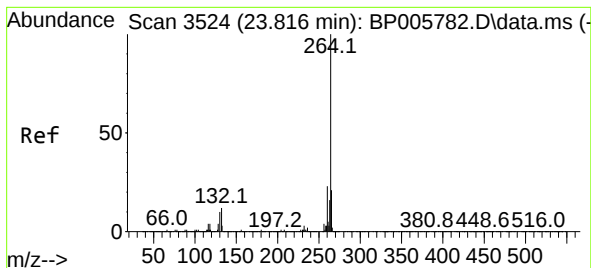
Tgt Ion:240 Resp: 443867
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 26.0 20.6 31.0



#79
Terphenyl-d14
Concen: 33.18 ng
RT: 19.857 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP005889.D
Acq: 12 Jun 2021 15:24

Tgt Ion:244 Resp: 786419
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 8.6 7.1 10.7





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.792 min Scan# 3520

Delta R.T. -0.024 min

Lab File: BP005889.D

Acq: 12 Jun 2021 15:24

Instrument :

BNA_P

ClientSampleId :

1824-25

Tgt Ion:264 Resp: 507295

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 22.0 17.6 26.4

