

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090624\
 Data File : BP021857.D
 Acq On : 06 Sep 2024 19:01
 Operator : RC/JU
 Sample : PB163076BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163076BL

Quant Time: Sep 07 00:00:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 06 23:52:54 2024
 Response via : Initial Calibration

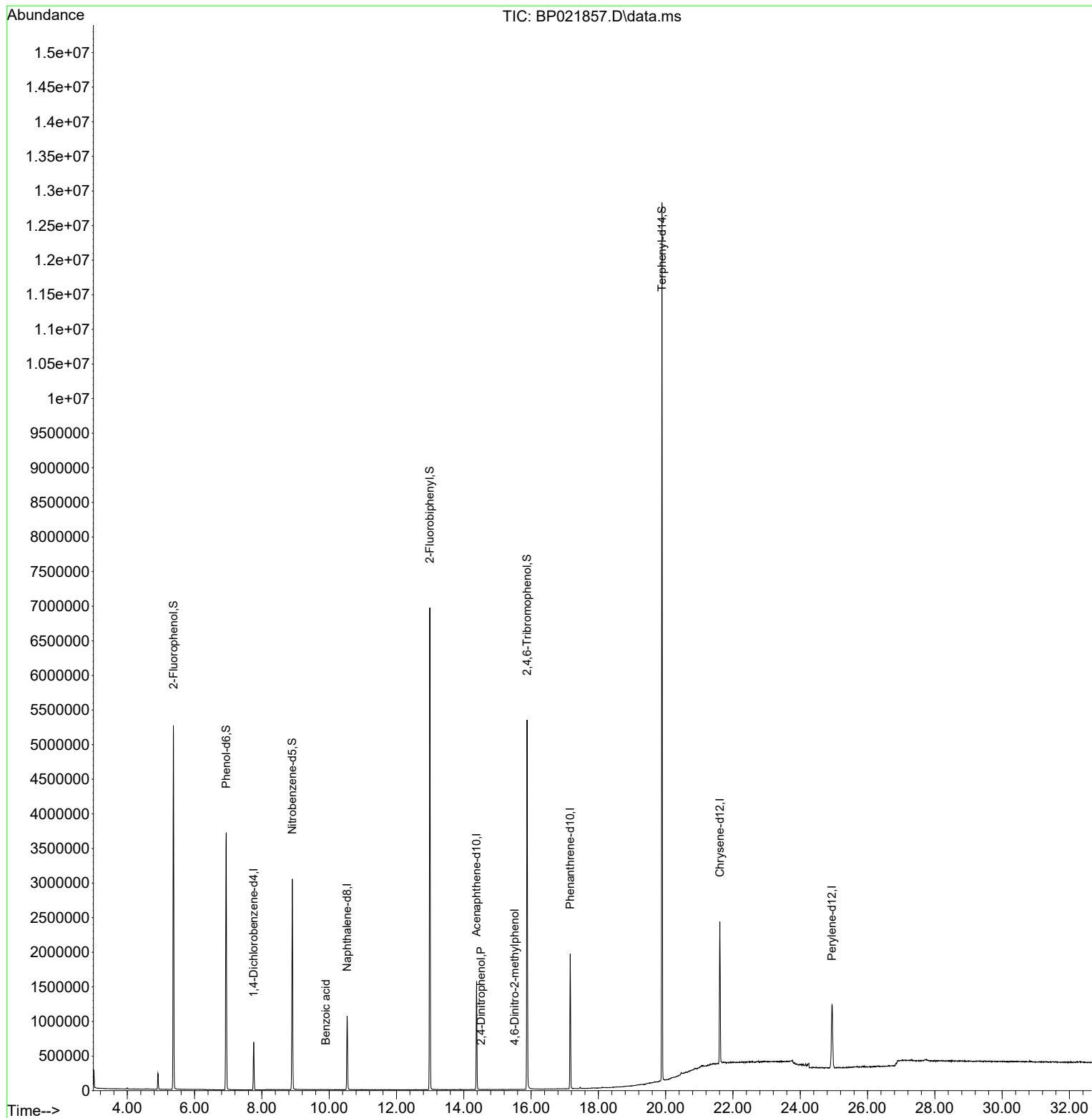
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	178109	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	844112	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	515526	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1124021	20.000	ng	-0.01
76) Chrysene-d12	21.610	240	1104919	20.000	ng	0.00
86) Perylene-d12	24.939	264	937288	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2388060	188.669	ng	0.00
7) Phenol-d6	6.940	99	2335334	138.593	ng	0.00
23) Nitrobenzene-d5	8.904	82	1863979	102.796	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	945346	154.724	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3322236	103.260	ng	0.00
79) Terphenyl-d14	19.892	244	5675127	105.441	ng	0.00
Target Compounds						
32) Benzoic acid	9.899	122	224	5.535	ng	98
54) 2,4-Dinitrophenol	14.516	184	27	10.589	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.510	198	6	4.711	ng	# 1

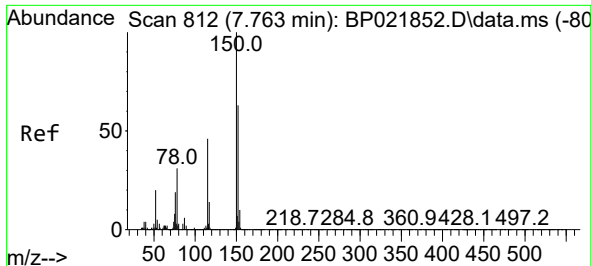
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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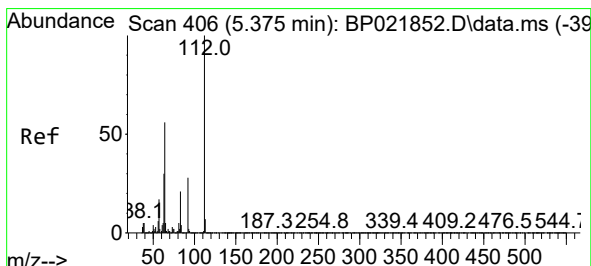
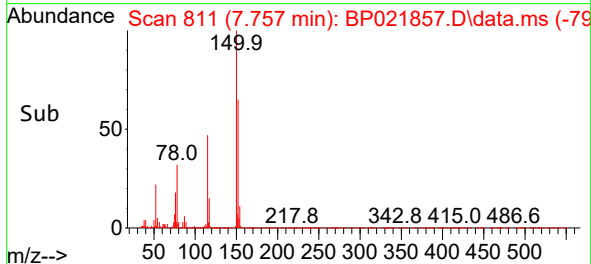
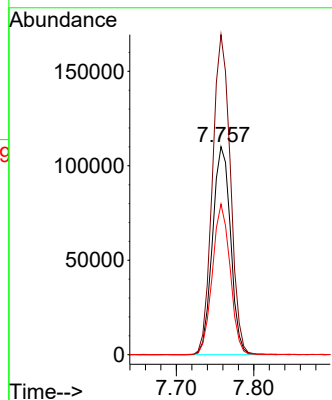
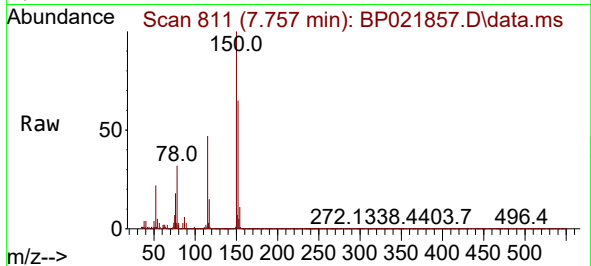




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 812
Delta R.T. -0.006 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

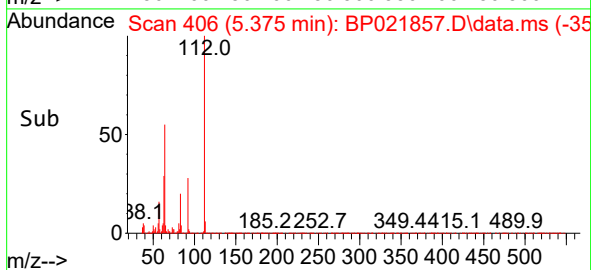
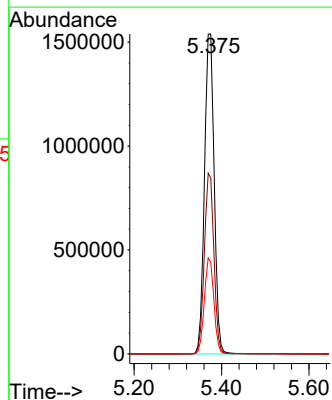
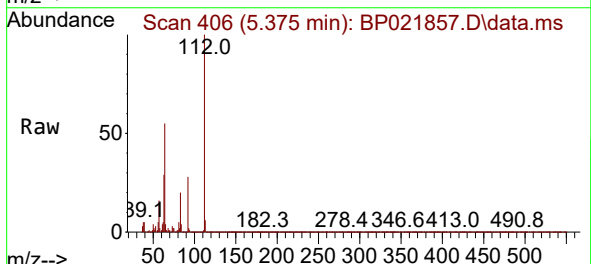
Instrument :
BNA_P
ClientSampleId :
PB163076BL

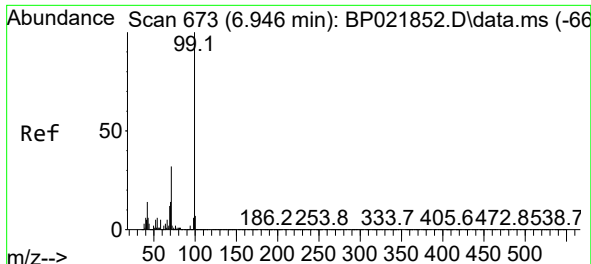
Tgt Ion:152 Resp: 178109
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 72.4 57.7 86.5



#5
2-Fluorophenol
Concen: 188.669 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

Tgt Ion:112 Resp: 2388060
Ion Ratio Lower Upper
112 100
64 55.0 44.5 66.7
63 28.7 24.1 36.1

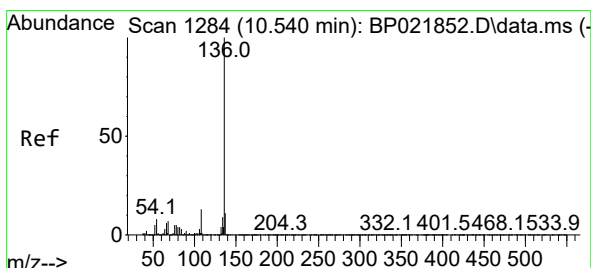
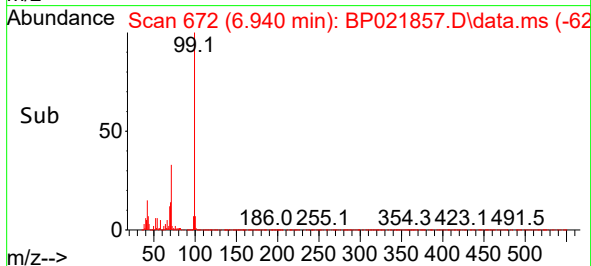
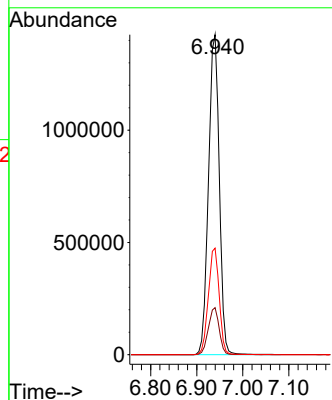
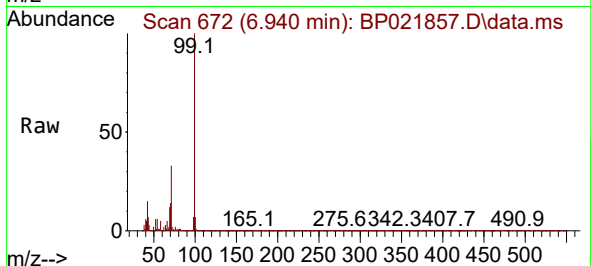




#7
Phenol-d6
Concen: 138.593 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

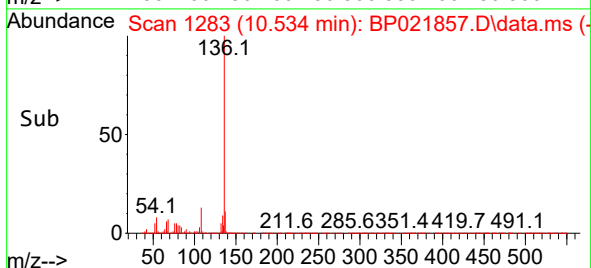
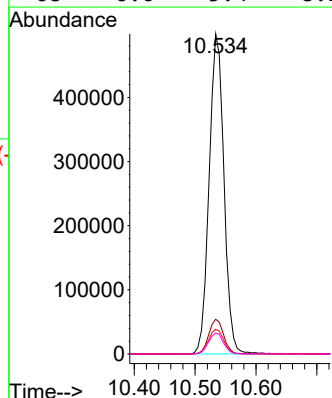
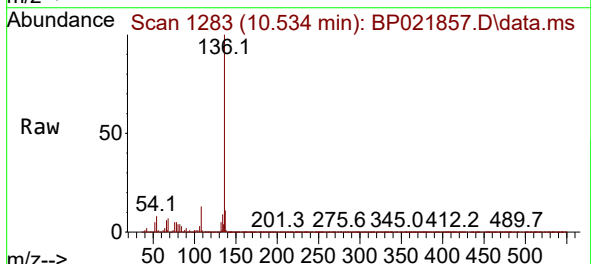
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BNA_P
ClientSampleId :
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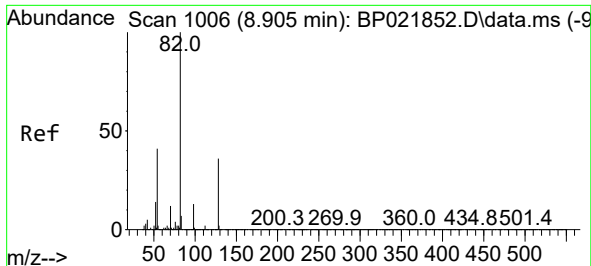
Tgt Ion: 99 Resp: 2335334
Ion Ratio Lower Upper
99 100
42 14.7 11.0 16.4
71 33.3 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

Tgt Ion:136 Resp: 844112
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 6.5 9.7
68 6.6 5.4 8.2

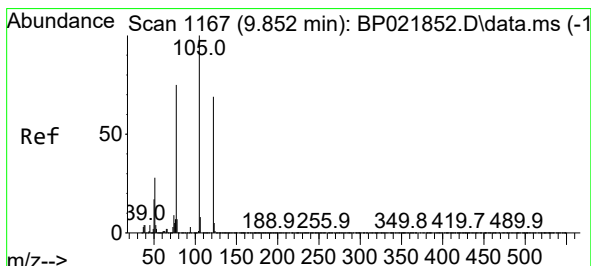
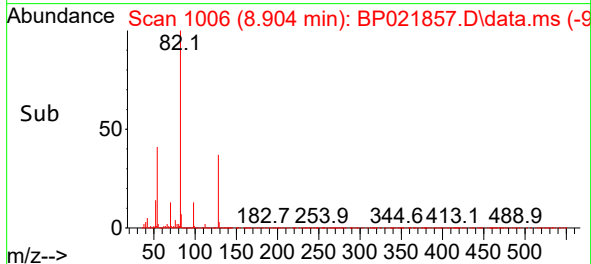
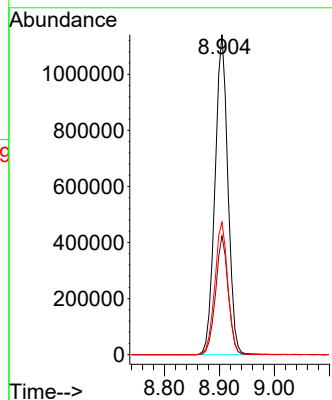
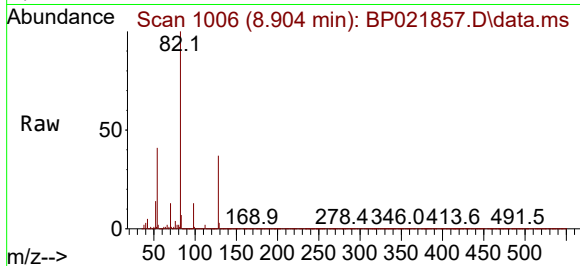




#23
Nitrobenzene-d5
Concen: 102.796 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

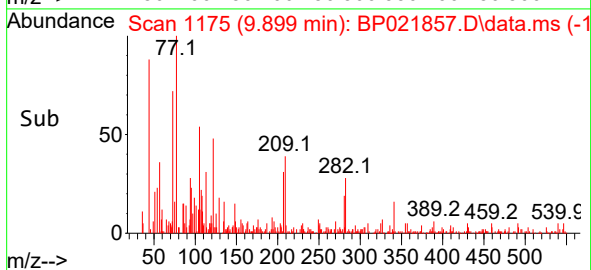
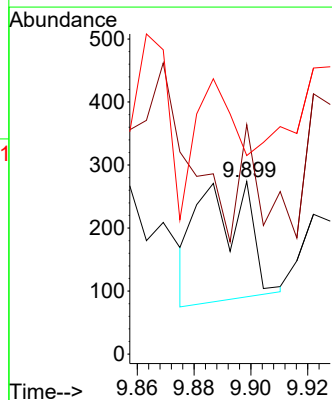
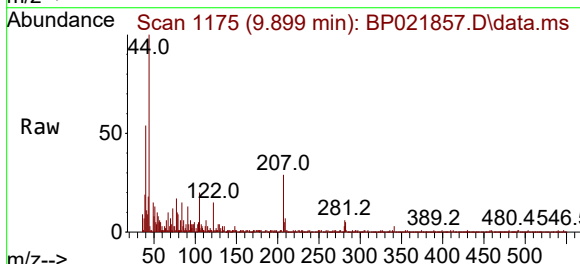
Instrument :
BNA_P
ClientSampleId :
PB163076BL

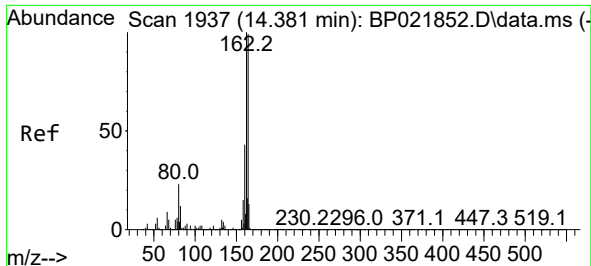
Tgt Ion: 82 Resp: 1863979
Ion Ratio Lower Upper
82 100
128 37.1 28.6 43.0
54 41.4 32.7 49.1



#32
Benzoic acid
Concen: 5.535 ng
RT: 9.899 min Scan# 1175
Delta R.T. 0.047 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

Tgt Ion:122 Resp: 224
Ion Ratio Lower Upper
122 100
105 141.4 120.4 160.4
77 110.5 86.3 126.3

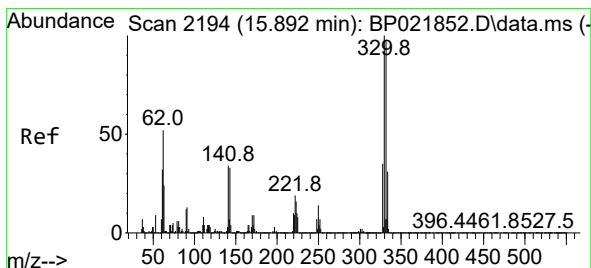
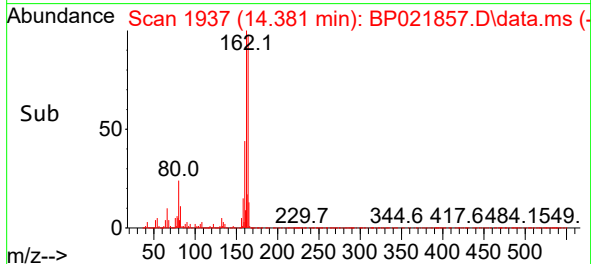
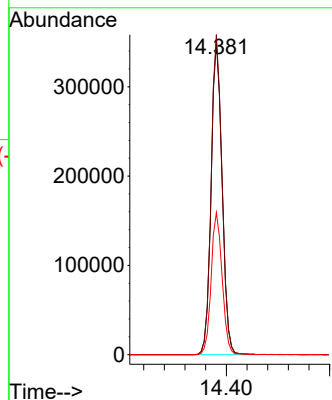
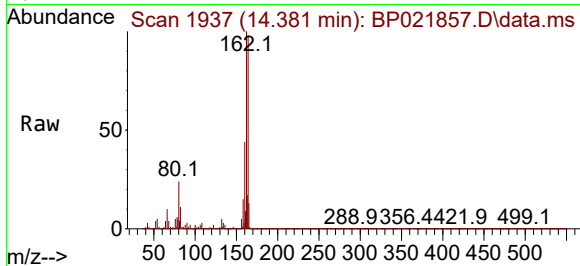




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

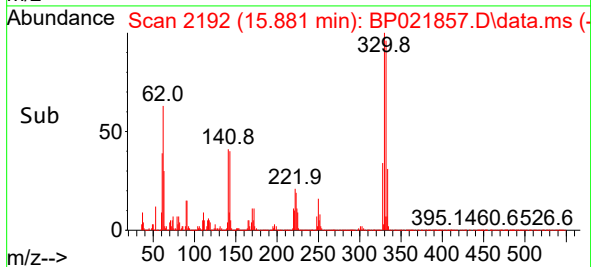
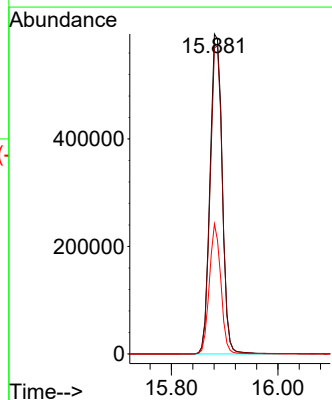
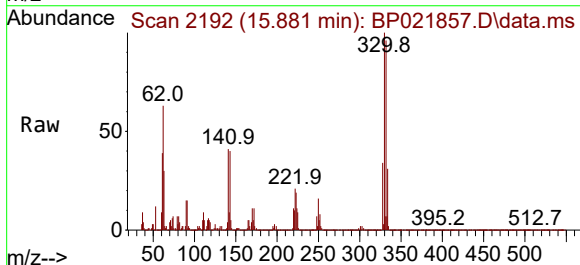
Instrument :
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ClientSampleId :
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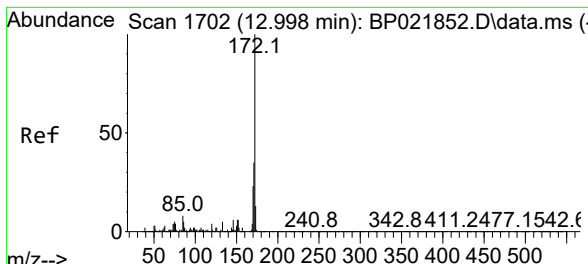
Tgt Ion:164 Resp: 515526
Ion Ratio Lower Upper
164 100
162 102.3 81.1 121.7
160 45.4 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 154.724 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

Tgt Ion:330 Resp: 945346
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 38.1 29.4 44.0

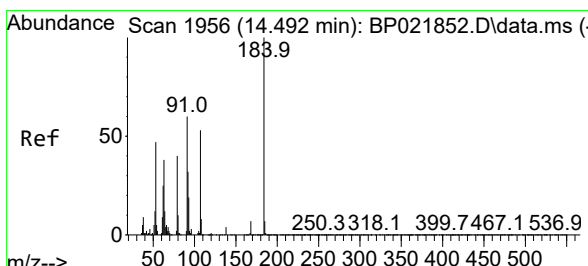
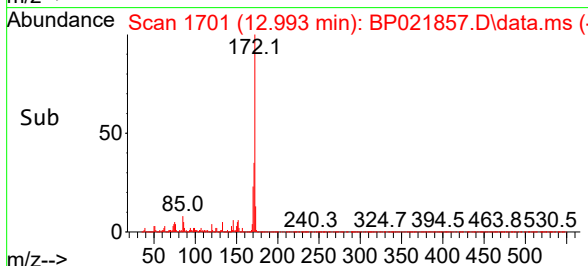
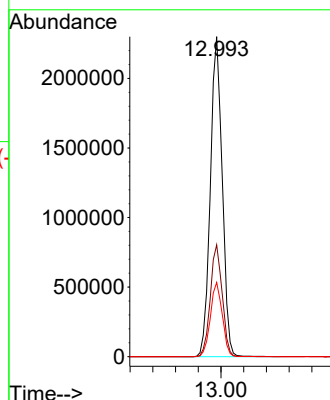
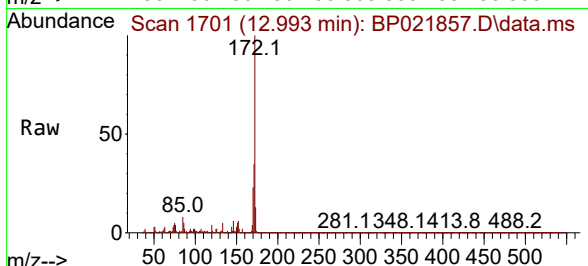




#45
2-Fluorobiphenyl
Concen: 103.260 ng
RT: 12.993 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

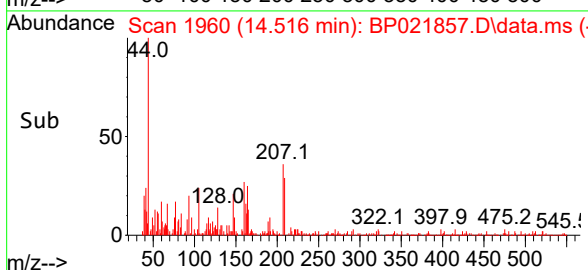
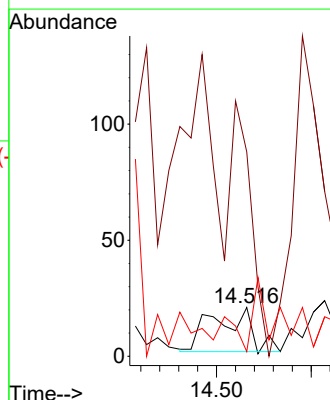
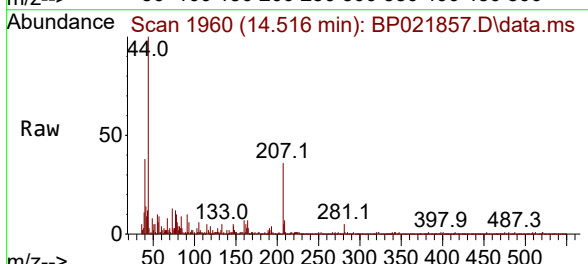
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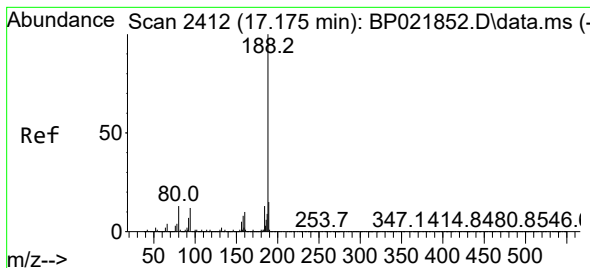
Tgt Ion:172 Resp: 3322236
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 18.7 28.1



#54
2,4-Dinitrophenol
Concen: 10.589 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.024 min
Lab File: BP021857.D
Acq: 06 Sep 2024 19:01

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 500.0 58.2 87.2#
154 9.5 53.8 80.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP021857.D

Acq: 06 Sep 2024 19:01

Instrument :

BNA_P

ClientSampleId :

PB163076BL

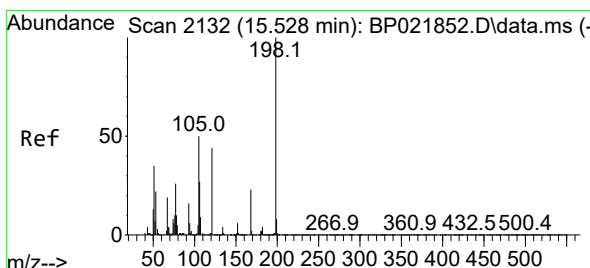
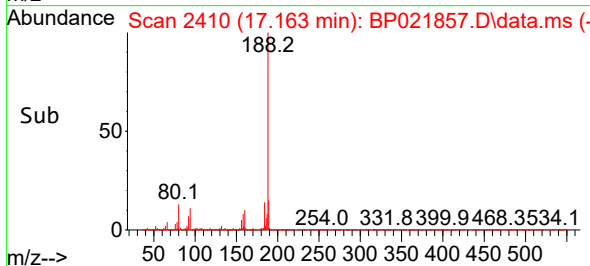
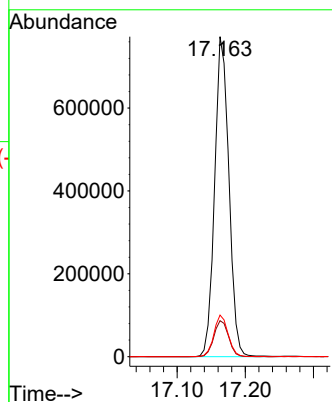
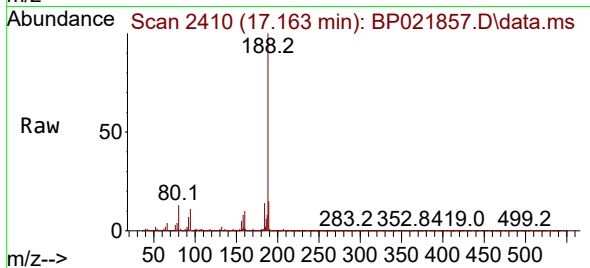
Tgt Ion:188 Resp: 1124021

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.0

80 13.0 10.3 15.5



#65

4,6-Dinitro-2-methylphenol

Concen: 4.711 ng

RT: 15.510 min Scan# 2129

Delta R.T. -0.018 min

Lab File: BP021857.D

Acq: 06 Sep 2024 19:01

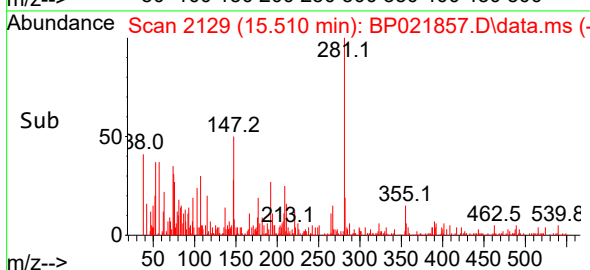
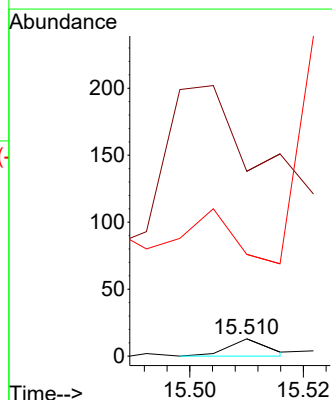
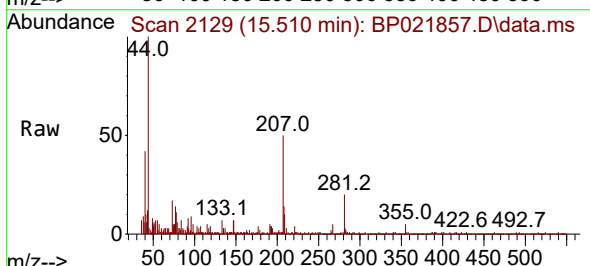
Tgt Ion:198 Resp: 6

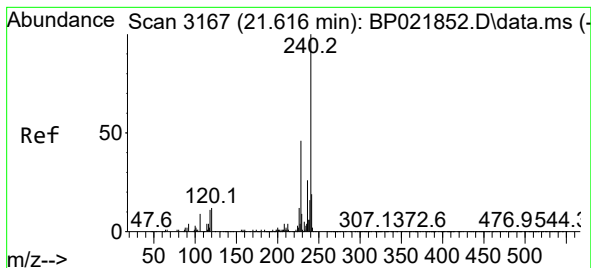
Ion Ratio Lower Upper

198 100

51 1061.5 19.5 59.5#

105 584.6 31.1 71.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3166

Delta R.T. -0.006 min

Lab File: BP021857.D

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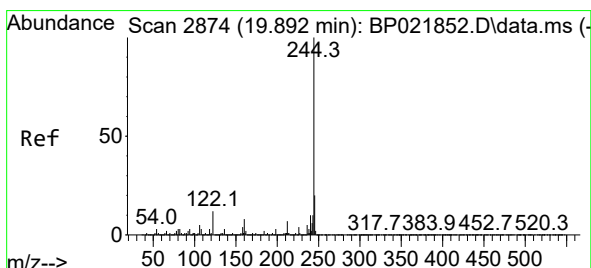
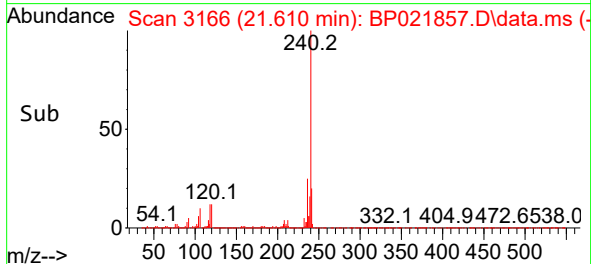
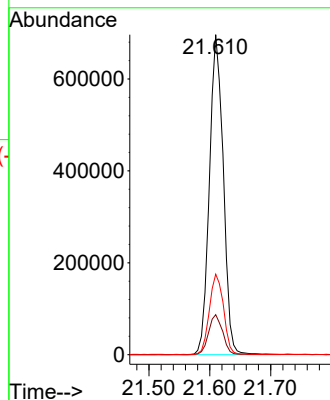
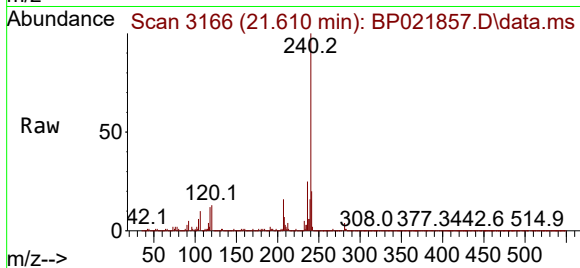
Tgt Ion:240 Resp: 1104919

Ion Ratio Lower Upper

240 100

120 12.5 10.2 15.2

236 25.2 20.8 31.2



#79

Terphenyl-d14

Concen: 105.441 ng

RT: 19.892 min Scan# 2874

Delta R.T. -0.000 min

Lab File: BP021857.D

Acq: 06 Sep 2024 19:01

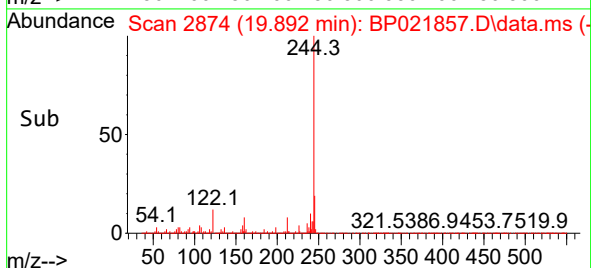
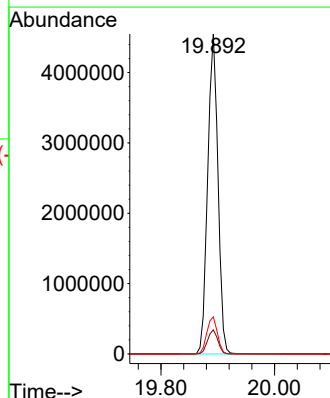
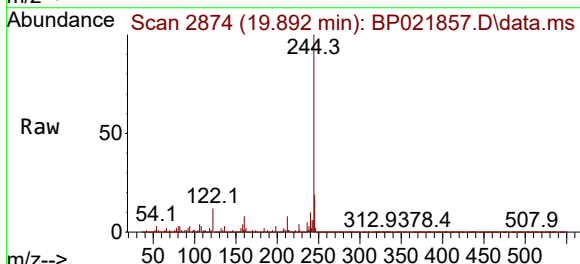
Tgt Ion:244 Resp: 5675127

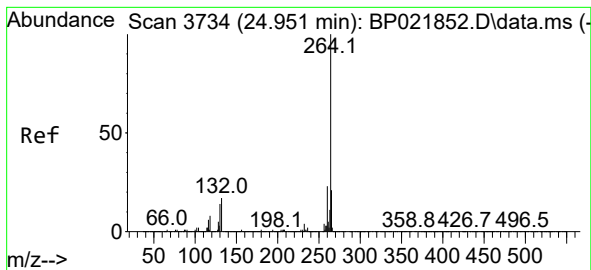
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 11.6 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.939 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP021857.D
 Acq: 06 Sep 2024 19:01

Instrument :
 BNA_P
 ClientSampleId :
 PB163076BL

Tgt Ion:264 Resp: 937288
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.2 17.3 25.9

