

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061521\
 Data File : BP005923.D
 Acq On : 15 Jun 2021 10:46
 Operator : CG/JU
 Sample : PB137074TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137074TB

Quant Time: Jun 15 11:33:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 13:15:03 2021
 Response via : Initial Calibration

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

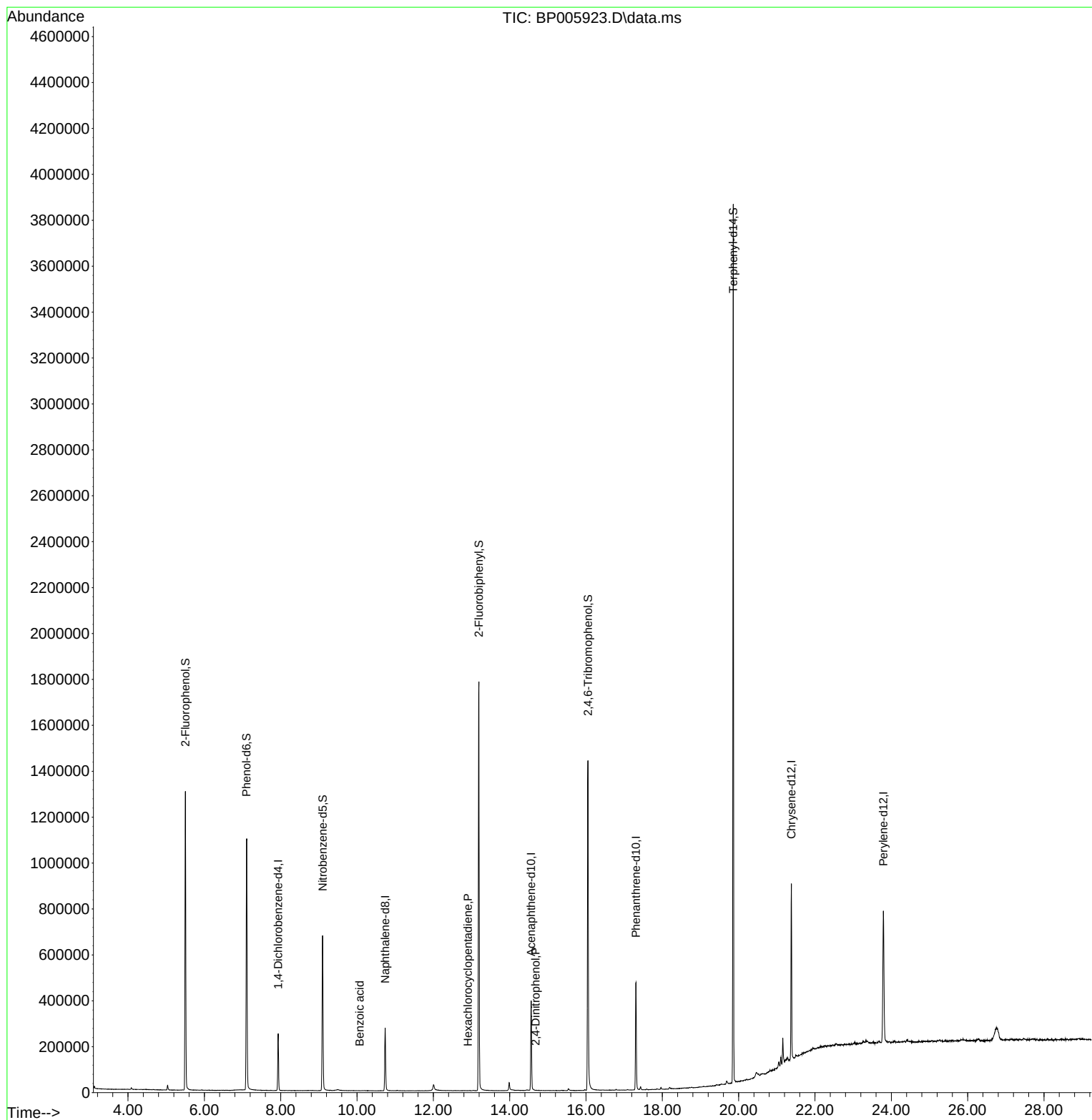
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	67220	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	242202	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	143480	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	304736	20.000	ng	0.00
76) Chrysene-d12	21.380	240	383018	20.000	ng	0.00
86) Perylene-d12	23.792	264	451027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	569671	135.988	ng	0.00
7) Phenol-d6	7.105	99	658617	121.298	ng	-0.01
23) Nitrobenzene-d5	9.099	82	406250	82.234	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	325614	132.244	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	932502	85.343	ng	0.00
79) Terphenyl-d14	19.857	244	1684701	82.361	ng	0.00
Target Compounds						
32) Benzoic acid	10.069	122	32	6.329	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.904	237	24	5.513	ng	78
54) 2,4-Dinitrophenol	14.681	184	20	4.861	ng	93

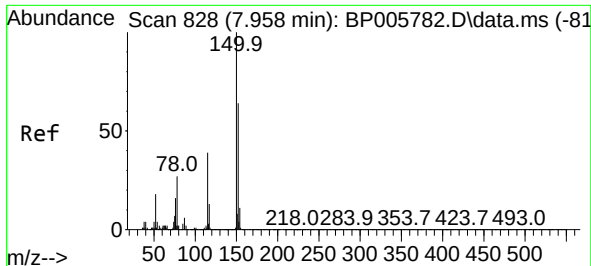
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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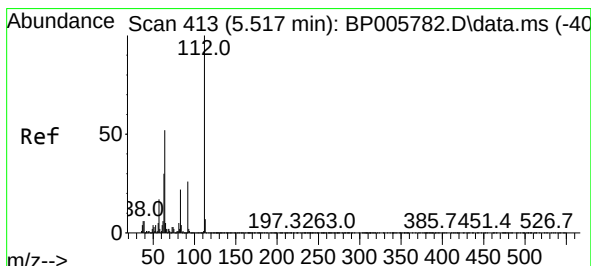
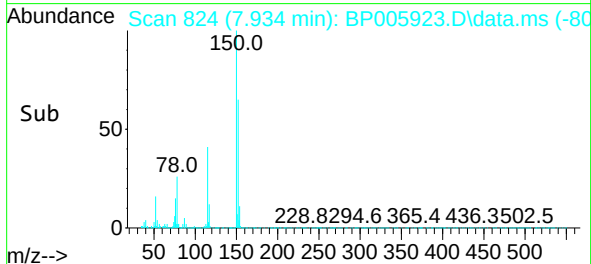
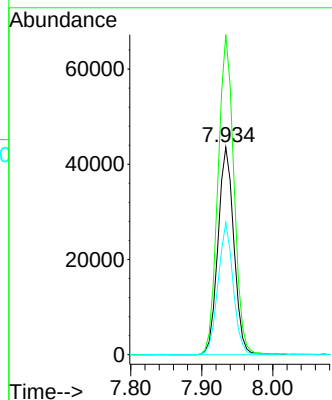
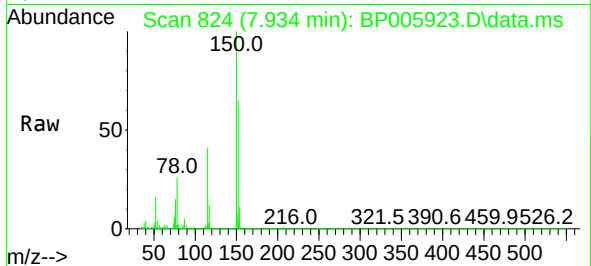




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

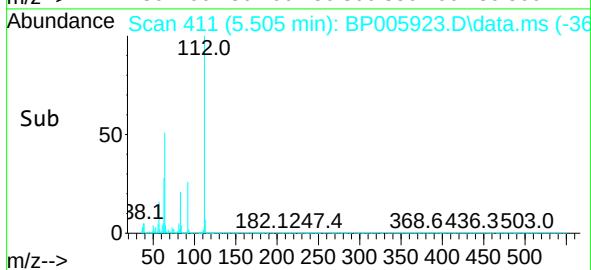
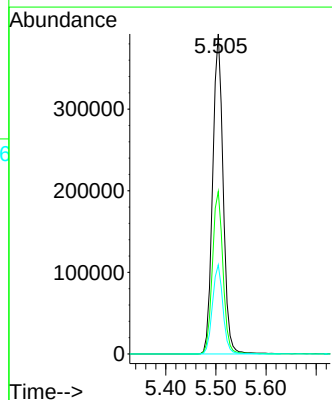
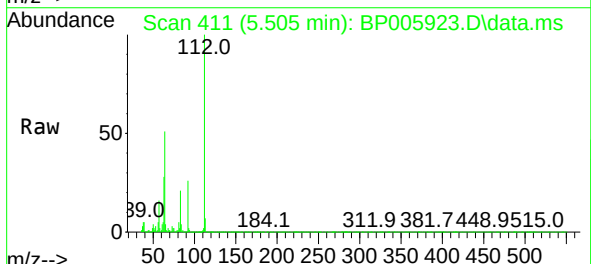
Instrument :
BNA_P
ClientSampleId :
PB137074TB

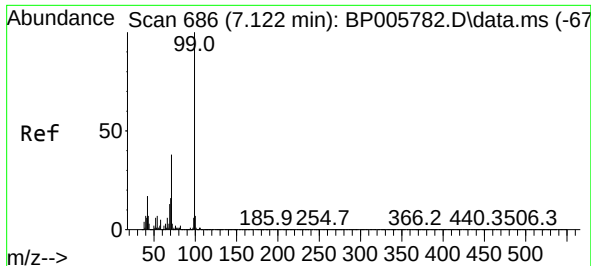
Tgt Ion:152 Resp: 67220
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 63.8 48.5 72.7



#5
2-Fluorophenol
Concen: 135.988 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

Tgt Ion:112 Resp: 569671
Ion Ratio Lower Upper
112 100
64 50.8 41.4 62.2
63 27.9 23.8 35.8

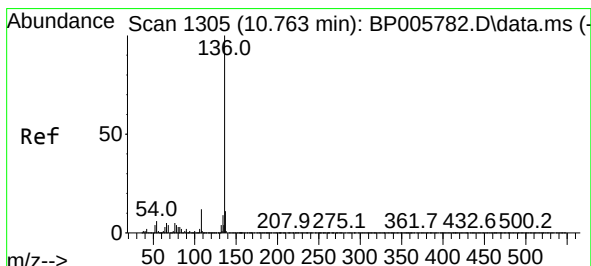
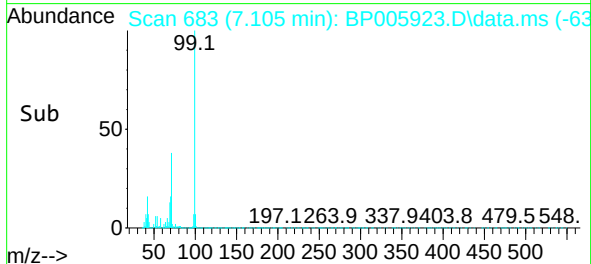
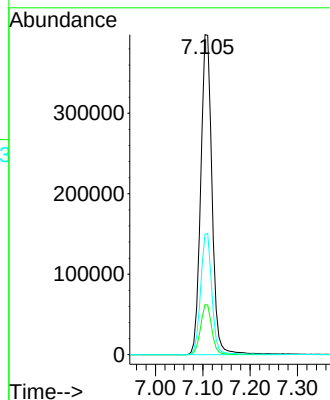
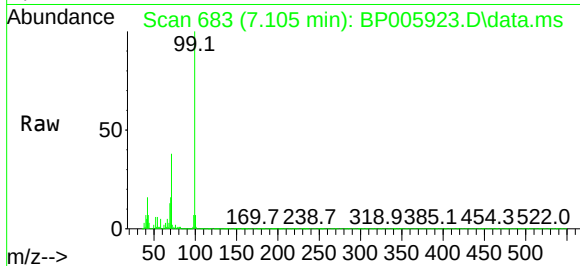




#7
Phenol-d6
Concen: 121.298 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

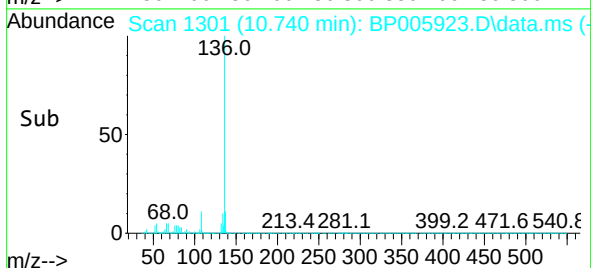
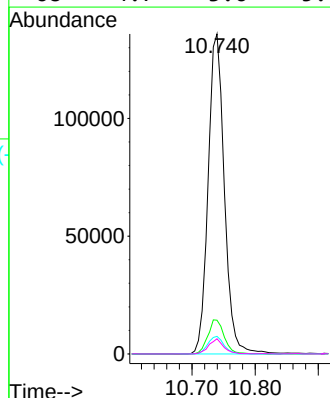
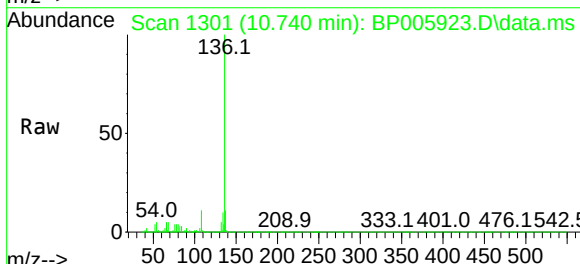
Instrument :
BNA_P
ClientSampleId :
PB137074TB

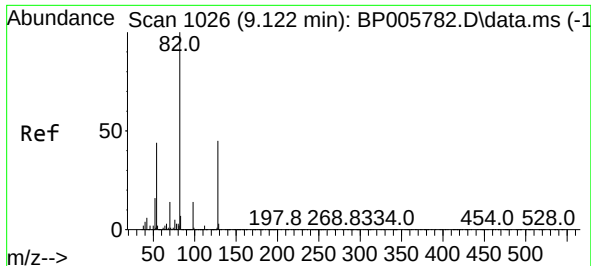
Tgt Ion: 99	Resp: 658617
Ion Ratio	Lower Upper
99 100	
42 15.7	13.4 20.0
71 37.6	30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

Tgt Ion: 136	Resp: 242202
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 12.8
54 5.5	4.6 6.8
68 4.7	3.6 5.4

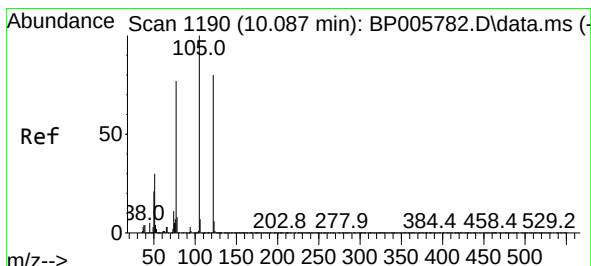
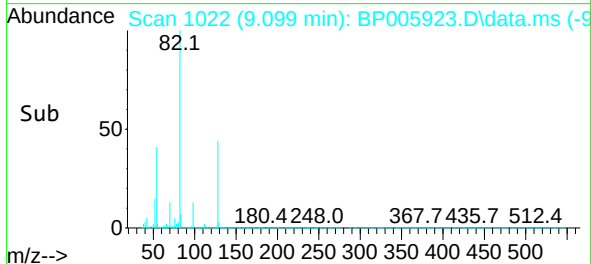
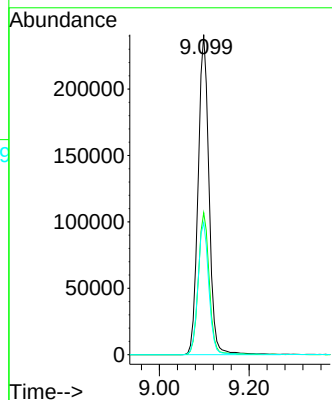
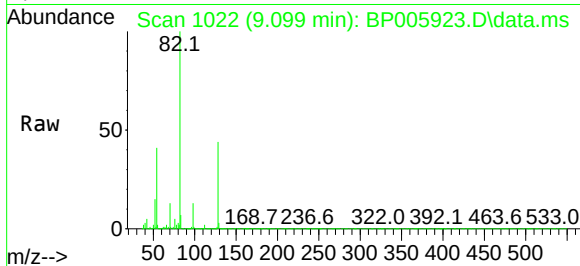




#23
Nitrobenzene-d5
Concen: 82.234 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

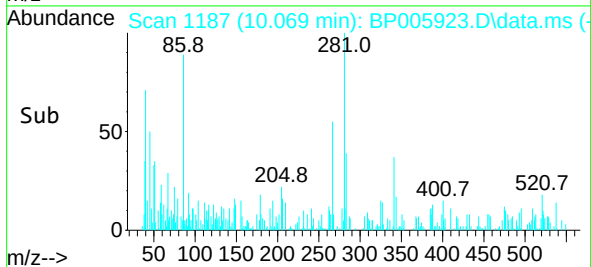
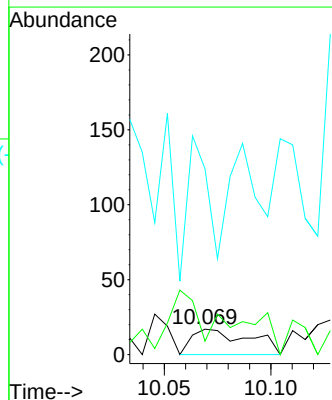
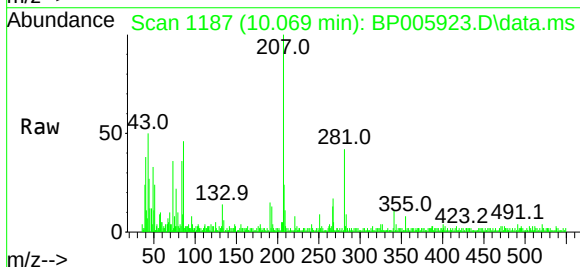
Instrument :
BNA_P
ClientSampleId :
PB137074TB

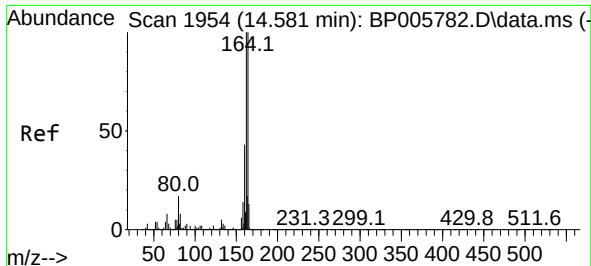
Tgt Ion: 82 Resp: 406250
Ion Ratio Lower Upper
82 100
128 44.4 35.7 53.5
54 41.3 35.0 52.4



#32
Benzoic acid
Concen: 6.329 ng
RT: 10.069 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

Tgt Ion: 122 Resp: 32
Ion Ratio Lower Upper
122 100
105 52.9 103.2 143.2#
77 729.4 76.2 116.2#

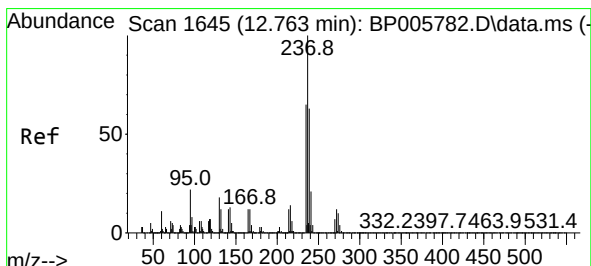
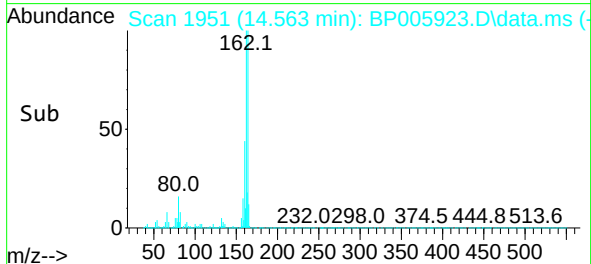
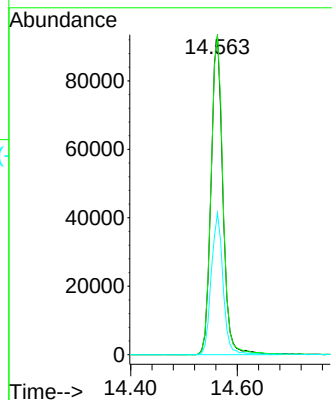
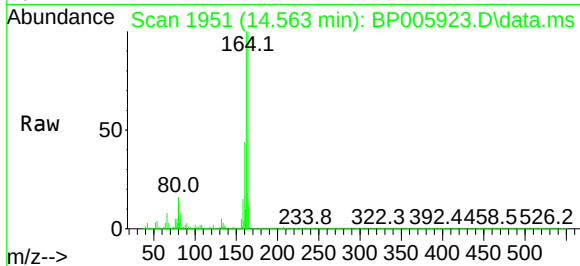




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

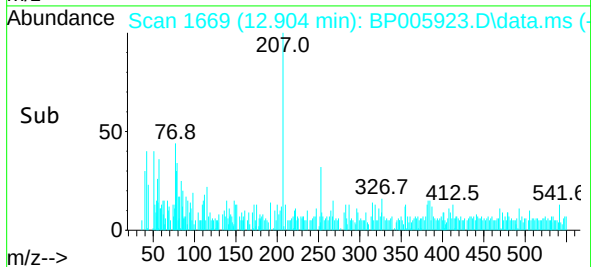
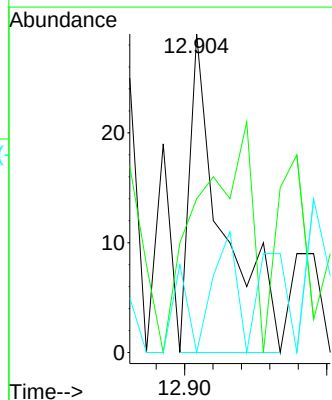
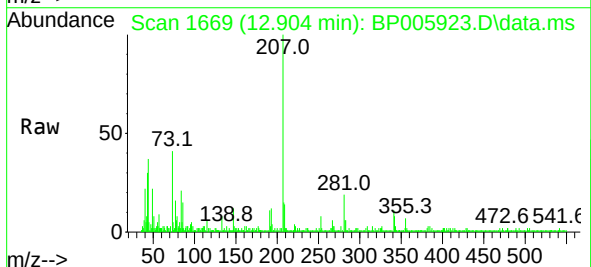
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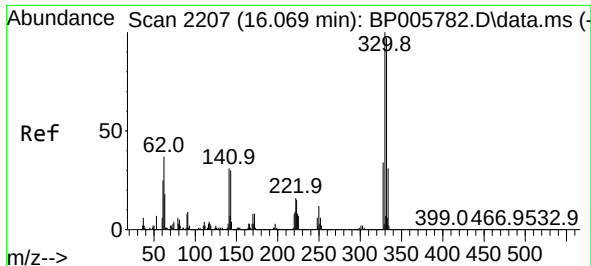
Tgt Ion:164 Resp: 143480
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 44.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.513 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.159 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

Tgt Ion:237 Resp: 24
Ion Ratio Lower Upper
237 100
235 48.3 44.5 84.5
272 0.0 0.0 32.5

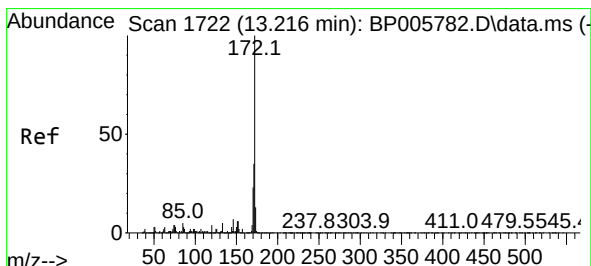
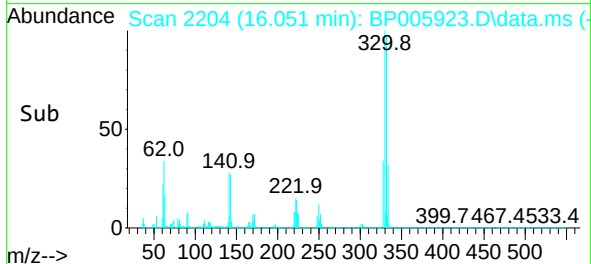
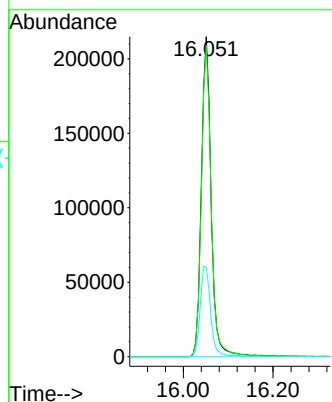
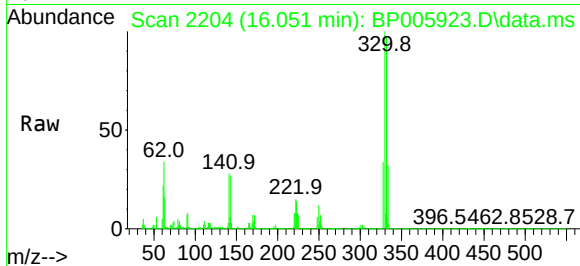




#42
2,4,6-Tribromophenol
Concen: 132.244 ng
RT: 16.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

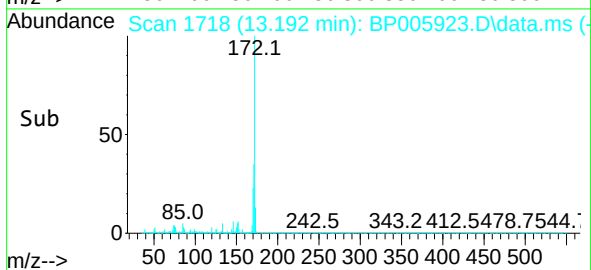
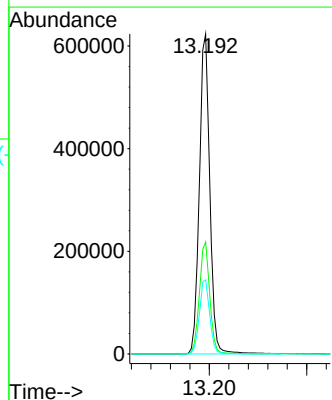
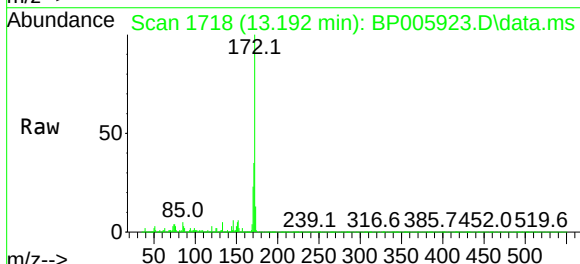
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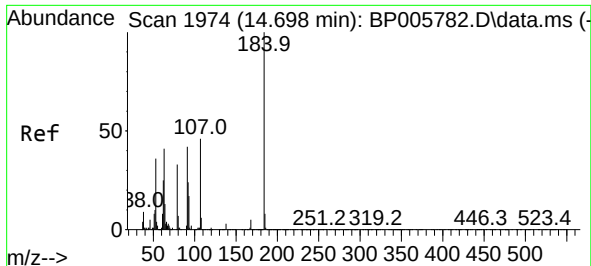
Tgt Ion:330 Resp: 325614
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.8
141 30.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 85.343 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

Tgt Ion:172 Resp: 932502
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.1 18.6 27.8

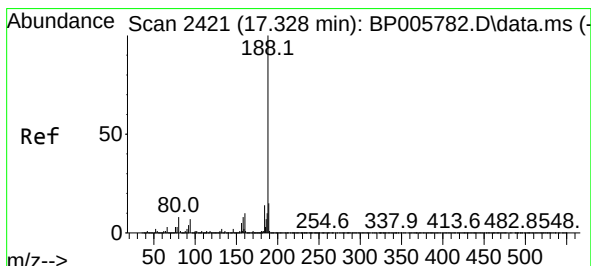
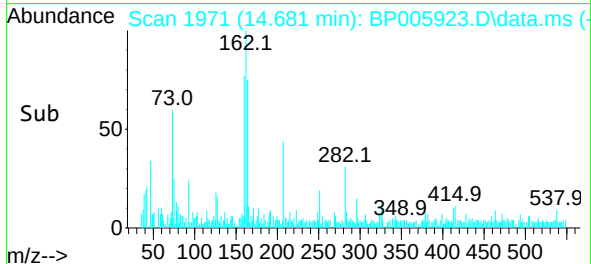
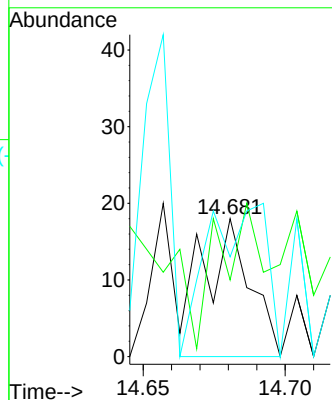
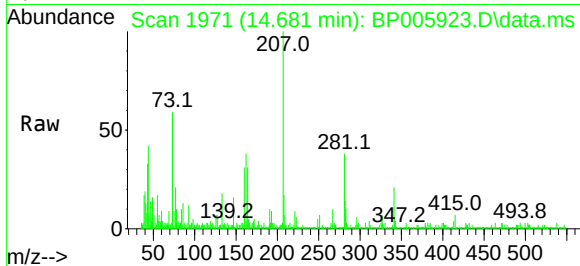




#54
2,4-Dinitrophenol
Concen: 4.861 ng
RT: 14.681 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

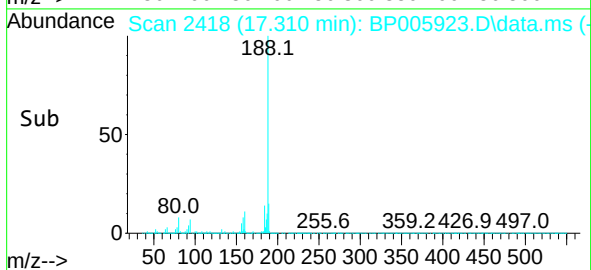
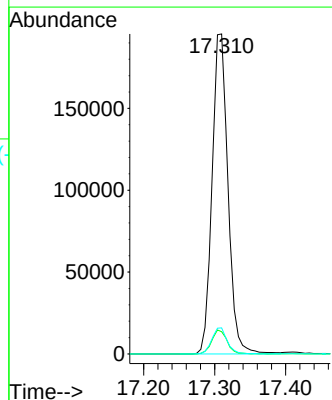
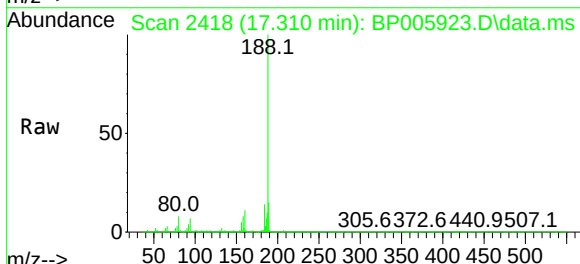
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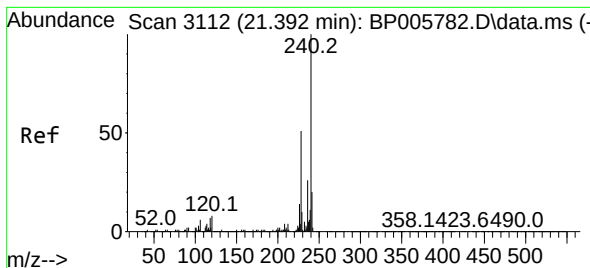
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 55.6 47.0 70.6
154 72.2 52.3 78.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP005923.D
Acq: 15 Jun 2021 10:46

Tgt Ion:188 Resp: 304736
Ion Ratio Lower Upper
188 100
94 7.0 5.6 8.4
80 8.2 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP005923.D

Acq: 15 Jun 2021 10:46

Instrument :

BNA_P

ClientSampleId :

PB137074TB

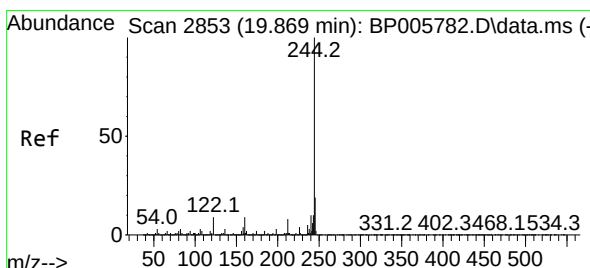
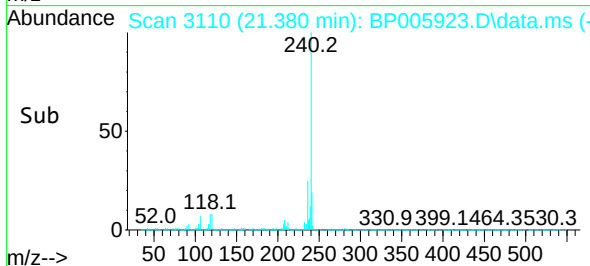
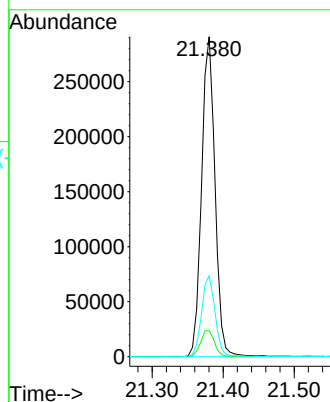
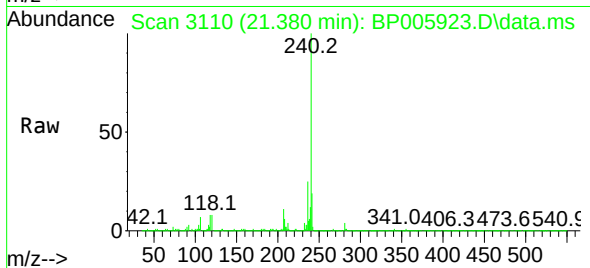
Tgt Ion:240 Resp: 383018

Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 82.361 ng

RT: 19.857 min Scan# 2851

Delta R.T. 0.000 min

Lab File: BP005923.D

Acq: 15 Jun 2021 10:46

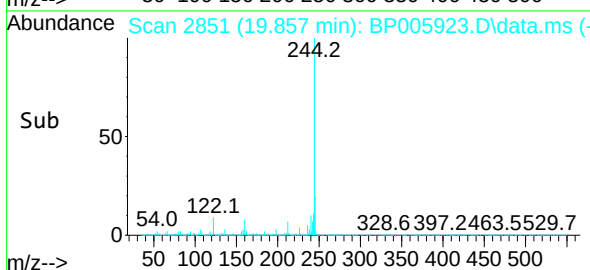
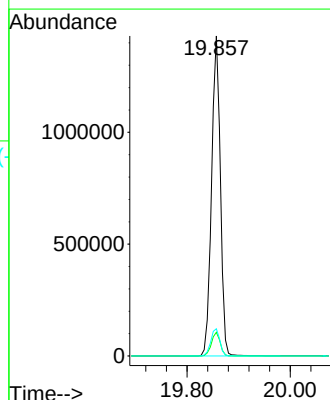
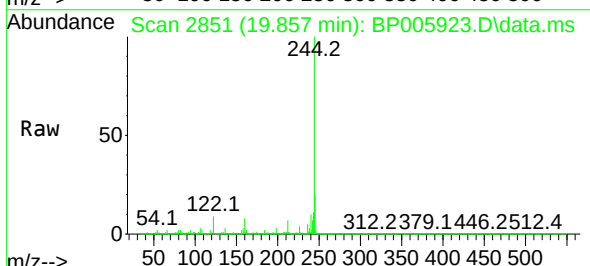
Tgt Ion:244 Resp: 1684701

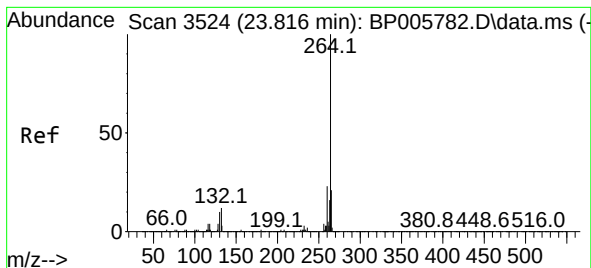
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 8.5 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 3520
 Delta R.T. 0.000 min
 Lab File: BP005923.D
 Acq: 15 Jun 2021 10:46

Instrument :
 BNA_P
 ClientSampleId :
 PB137074TB

Tgt Ion:264 Resp: 451027
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.3 17.6 26.4

