

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014322.D
 Acq On : 27 Mar 2023 20:39
 Operator : CG/JU
 Sample : 02023-06RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-13-TEST-PIT-ON-GRAVELLYRE

Quant Time: Mar 28 02:12:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	106732	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	403662	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	120338	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	372572	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	65832	20.000	ng	0.00
86) Perylene-d12	24.045	264	271	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	854950	129.906	ng	0.00
7) Phenol-d6	7.187	99	633714	73.340	ng	0.00
23) Nitrobenzene-d5	9.199	82	817863	92.605	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	476221	244.078	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	1528864	164.600	ng	0.00
79) Terphenyl-d14	19.969	244	1798897	450.584	ng	0.00

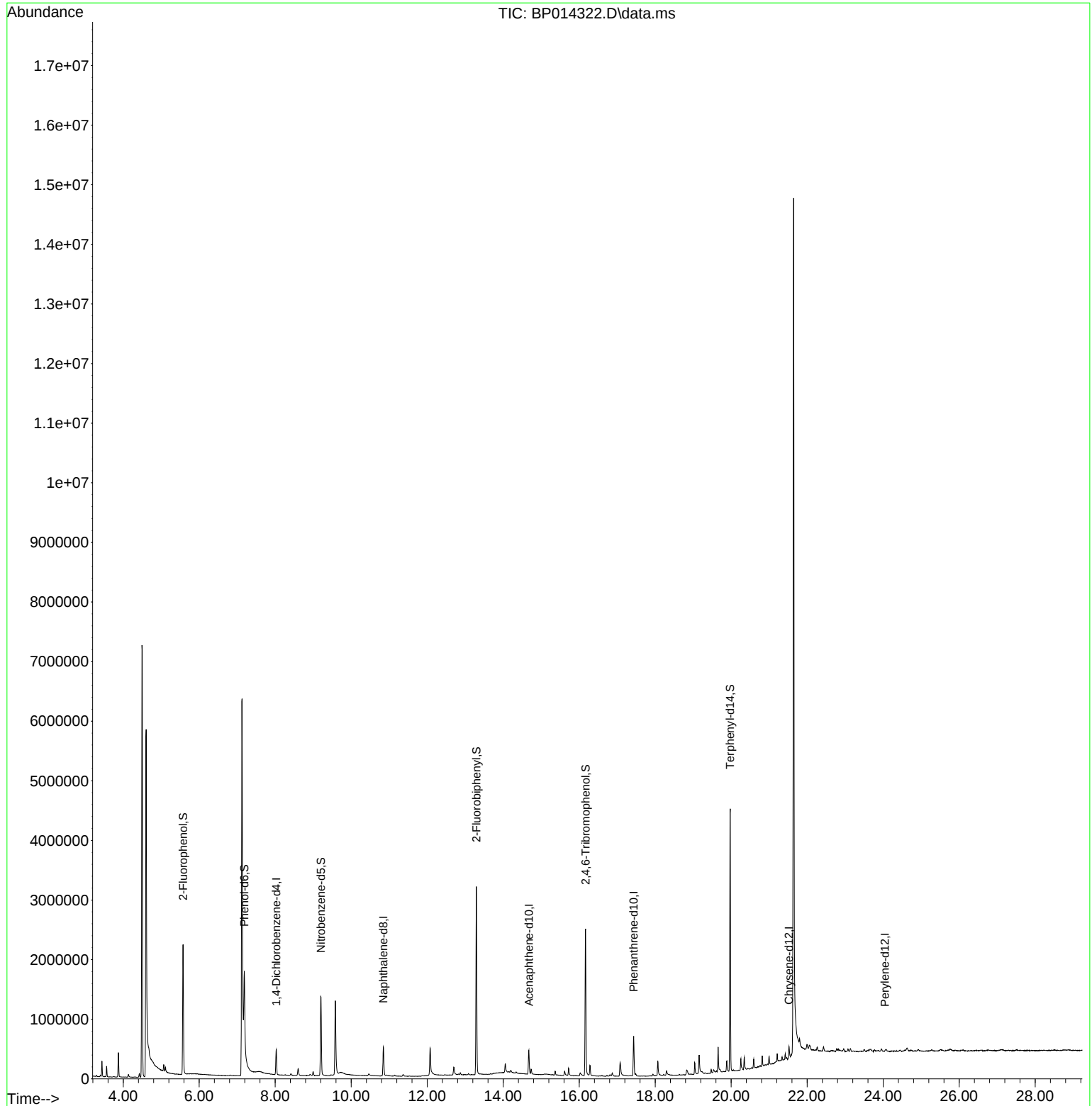
Target Compounds	Qvalue

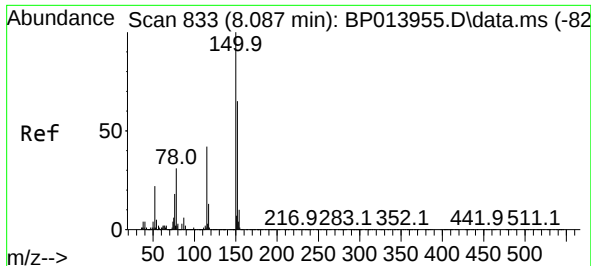
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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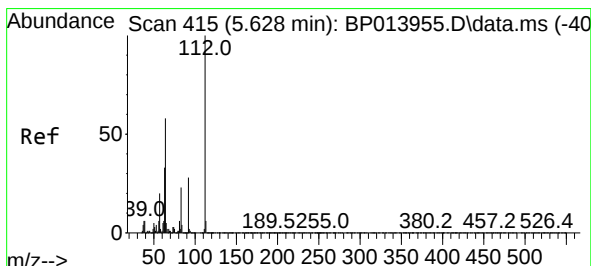
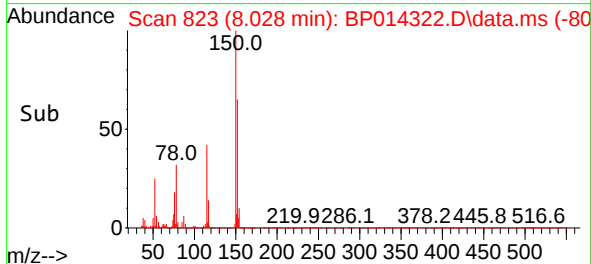
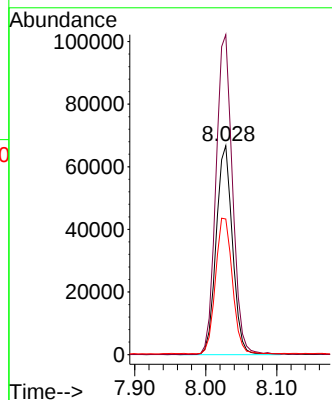
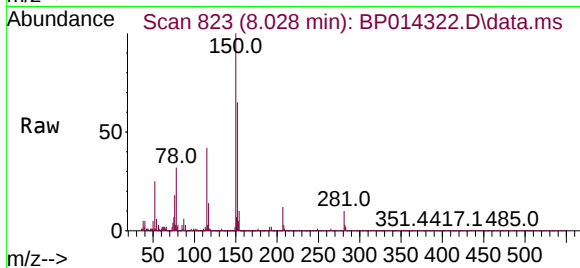




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014322.D
Acq: 27 Mar 2023 20:39

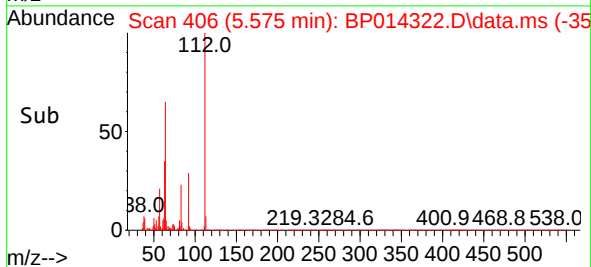
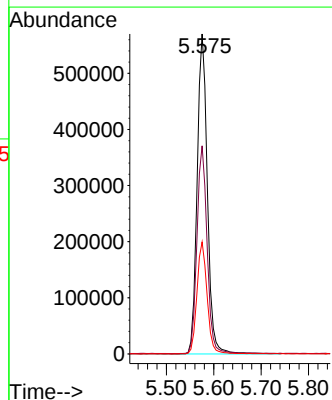
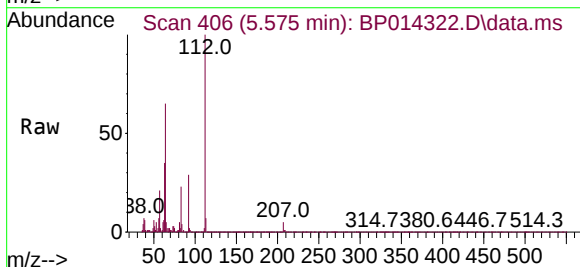
Instrument :
BNA_P
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLYRE

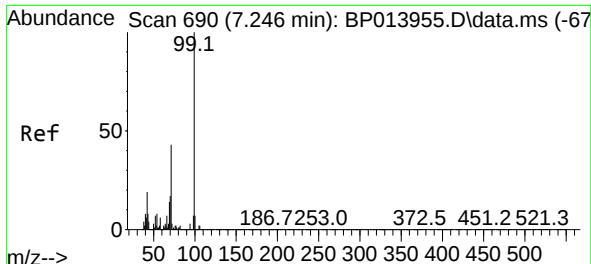
Tgt Ion:152 Resp: 106732
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 64.9 51.6 77.4



#5
2-Fluorophenol
Concen: 129.906 ng
RT: 5.575 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP014322.D
Acq: 27 Mar 2023 20:39

Tgt Ion:112 Resp: 854950
Ion Ratio Lower Upper
112 100
64 65.0 46.7 70.1
63 35.0 26.6 40.0

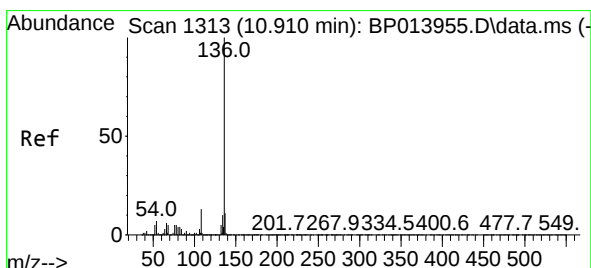
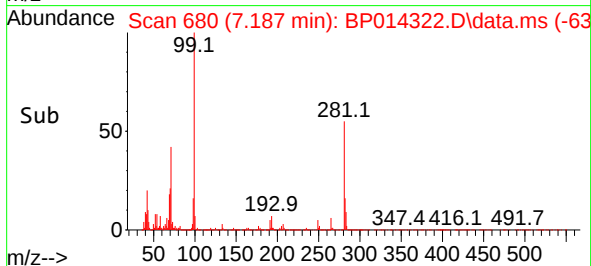
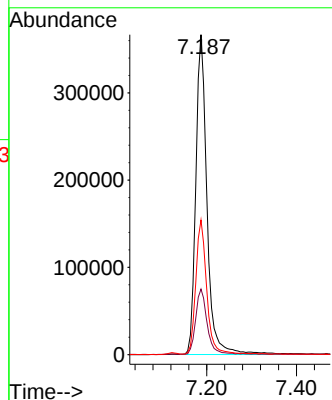
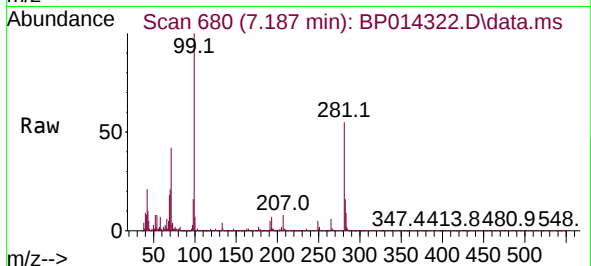




#7
Phenol-d6
Concen: 73.340 ng
RT: 7.187 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP014322.D
Acq: 27 Mar 2023 20:39

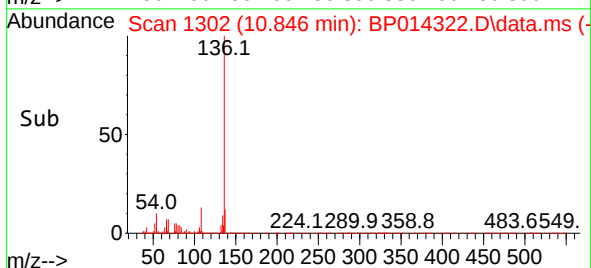
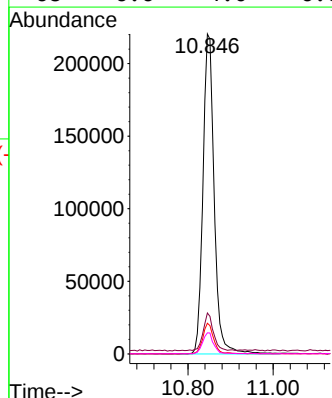
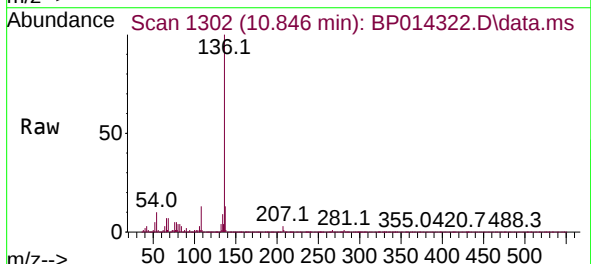
Instrument :
BNA_P
ClientSampleId :
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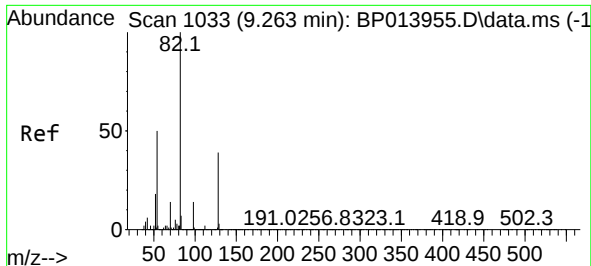
Tgt Ion: 99 Resp: 633714
Ion Ratio Lower Upper
99 100
42 20.5 15.0 22.6
71 42.1 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014322.D
Acq: 27 Mar 2023 20:39

Tgt Ion: 136 Resp: 403662
Ion Ratio Lower Upper
136 100
137 12.8 8.7 13.1
54 9.6 5.8 8.8#
68 6.6 4.0 6.0#

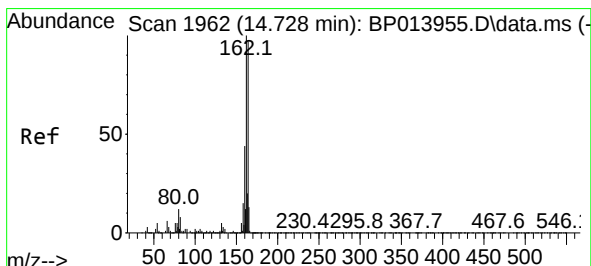
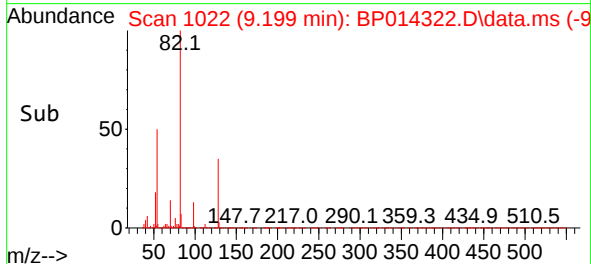
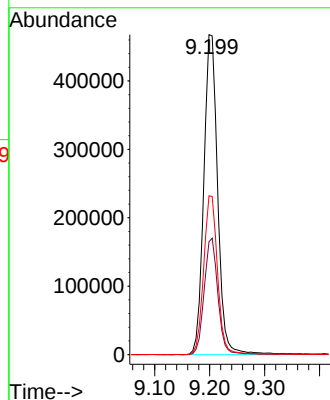
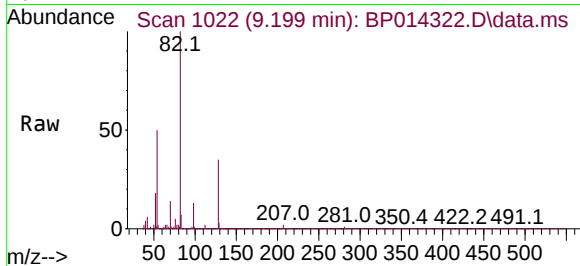




#23
Nitrobenzene-d5
Concen: 92.605 ng
RT: 9.199 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP014322.D
Acq: 27 Mar 2023 20:39

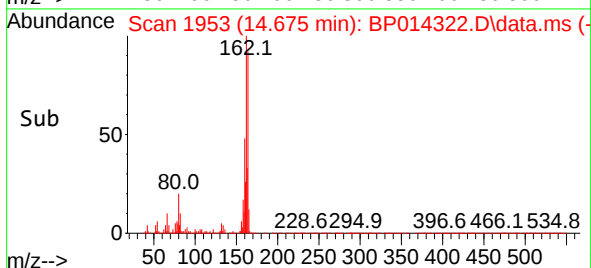
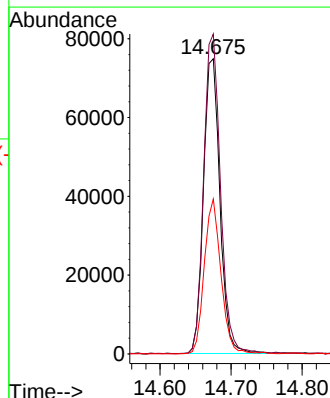
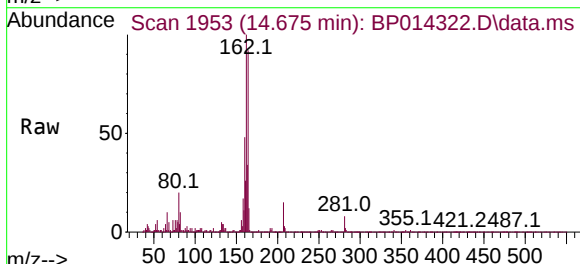
Instrument :
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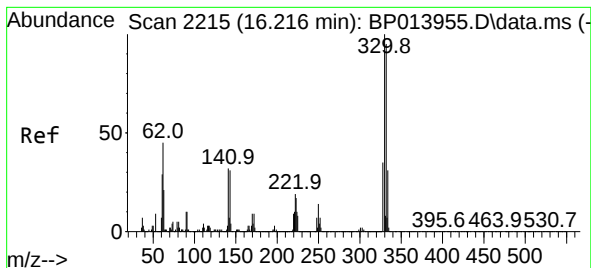
Tgt Ion: 82 Resp: 817863
Ion Ratio Lower Upper
82 100
128 35.3 31.1 46.7
54 49.6 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP014322.D
Acq: 27 Mar 2023 20:39

Tgt Ion:164 Resp: 120338
Ion Ratio Lower Upper
164 100
162 108.4 82.1 123.1
160 52.5 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 244.078 ng

RT: 16.169 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014322.D

Acq: 27 Mar 2023 20:39

Instrument :

BNA_P

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLYRE

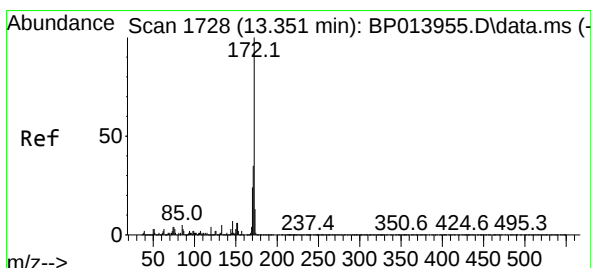
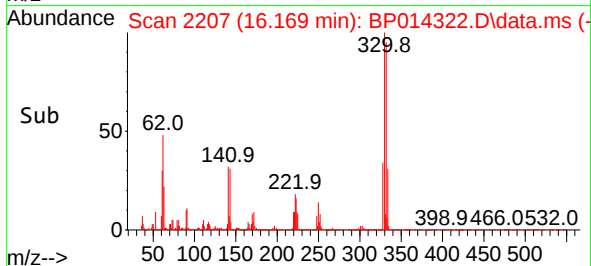
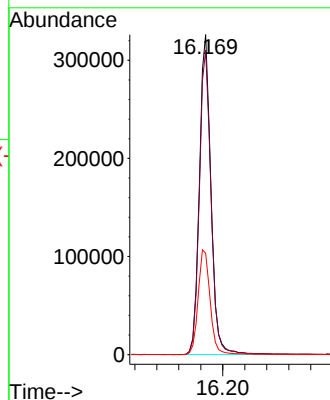
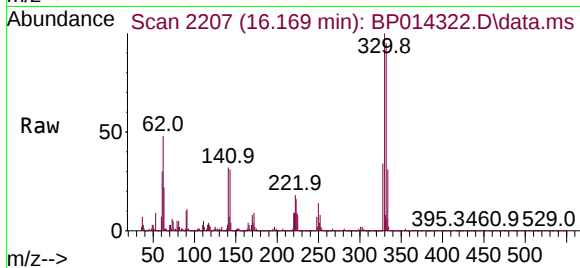
Tgt Ion:330 Resp: 476221

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 34.1 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 164.600 ng

RT: 13.293 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BP014322.D

Acq: 27 Mar 2023 20:39

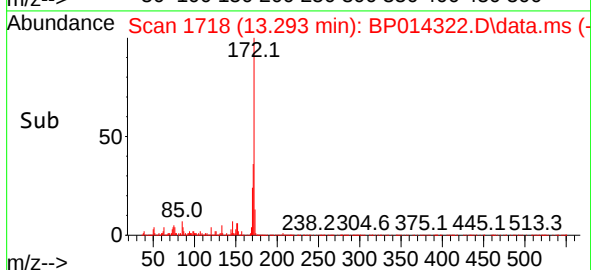
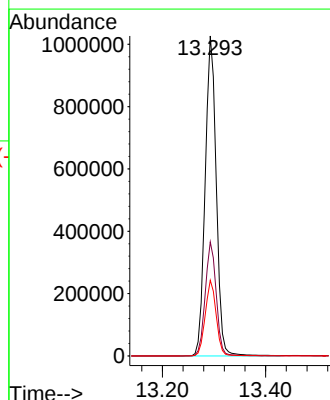
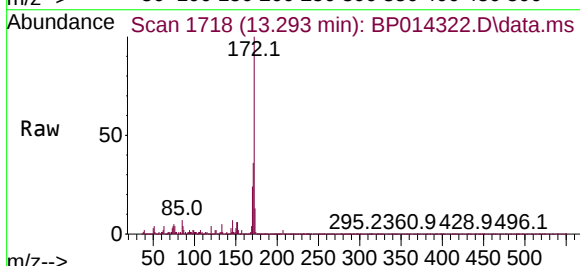
Tgt Ion:172 Resp: 1528864

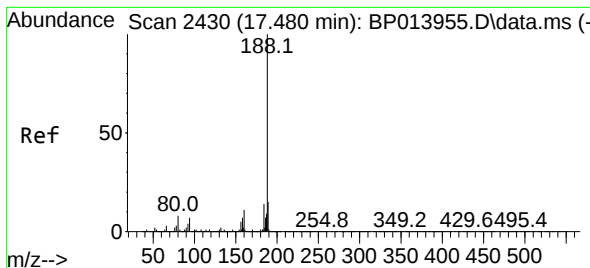
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.434 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP014322.D

Acq: 27 Mar 2023 20:39

Instrument :

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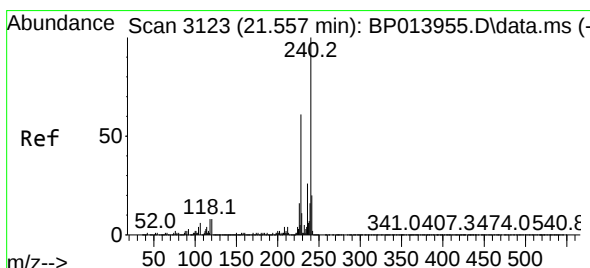
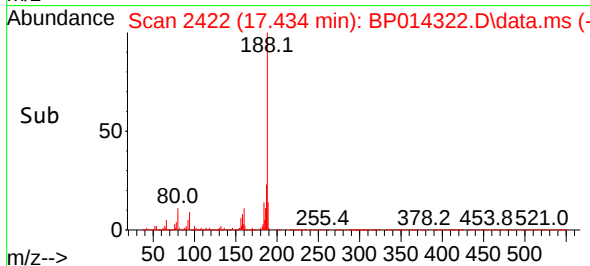
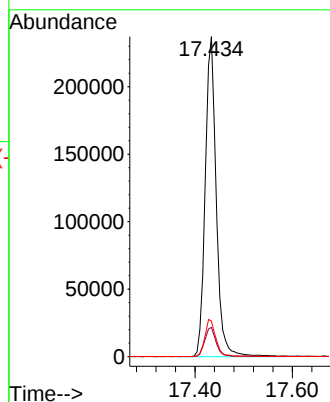
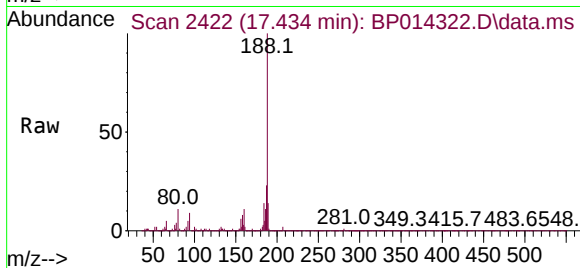
Tgt Ion:188 Resp: 372572

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

80 11.2 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP014322.D

Acq: 27 Mar 2023 20:39

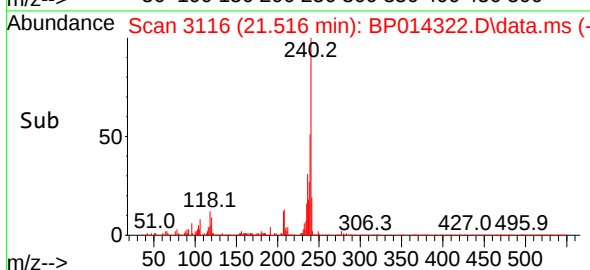
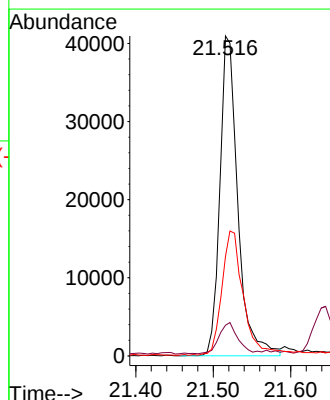
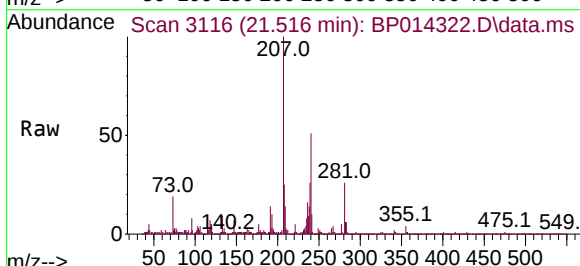
Tgt Ion:240 Resp: 65832

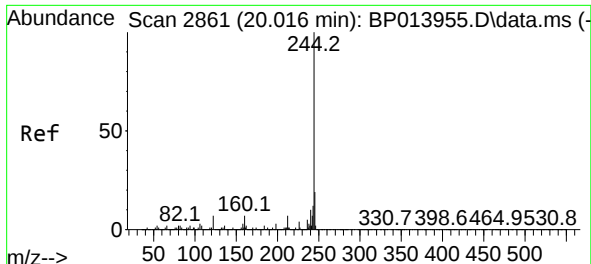
Ion Ratio Lower Upper

240 100

120 9.6 6.4 9.6

236 31.1 21.2 31.8

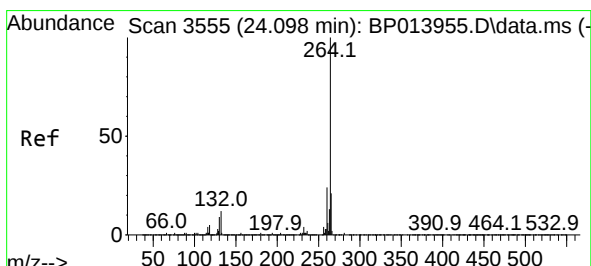
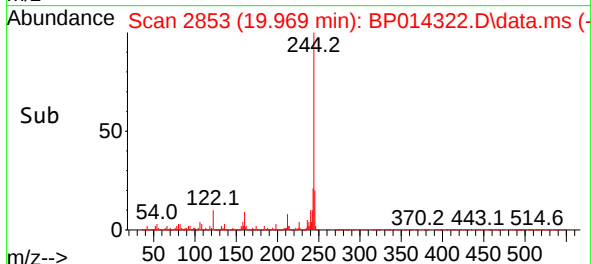
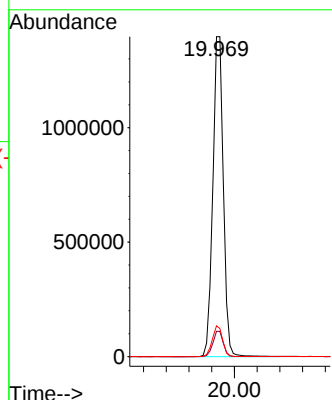
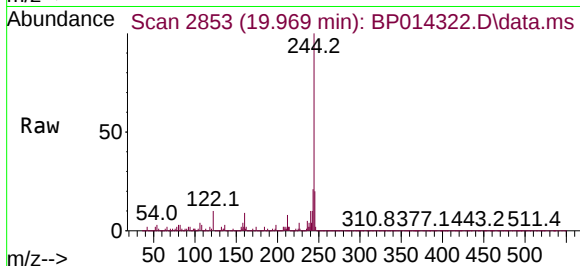




#79
 Terphenyl-d14
 Concen: 450.584 ng
 RT: 19.969 min Scan# 2861
 Delta R.T. -0.006 min
 Lab File: BP014322.D
 Acq: 27 Mar 2023 20:39

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 TP-13-TEST-PIT-ON-GRAVELLYRE

Tgt Ion:244 Resp: 1798897
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 9.6 5.8 8.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.045 min Scan# 3546
 Delta R.T. 0.012 min
 Lab File: BP014322.D
 Acq: 27 Mar 2023 20:39

Tgt Ion:264 Resp: 271
 Ion Ratio Lower Upper
 264 100
 260 87.2 19.4 29.2#
 265 973.3 17.8 26.8#

