

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
 Data File : BM032905.D
 Acq On : 08 Nov 2021 21:17
 Operator : CG/JU
 Sample : M4478-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP02

Quant Time: Nov 09 00:25:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	91135	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	423683	20.000	ng	# 0.00
39) Acenaphthene-d10	14.142	164	300576	20.000	ng	-0.01
64) Phenanthrene-d10	16.883	188	660514	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	715484	20.000	ng	-0.01
86) Perylene-d12	23.171	264	724937	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	248879	47.610	ng	0.00
7) Phenol-d6	6.689	99	197767	25.405	ng	0.00
23) Nitrobenzene-d5	8.636	82	707345	91.377	ng	-0.01
42) 2,4,6-Tribromophenol	15.642	330	293069	87.061	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1659940	85.654	ng	0.00
79) Terphenyl-d14	19.512	244	2467847	75.305	ng	-0.01

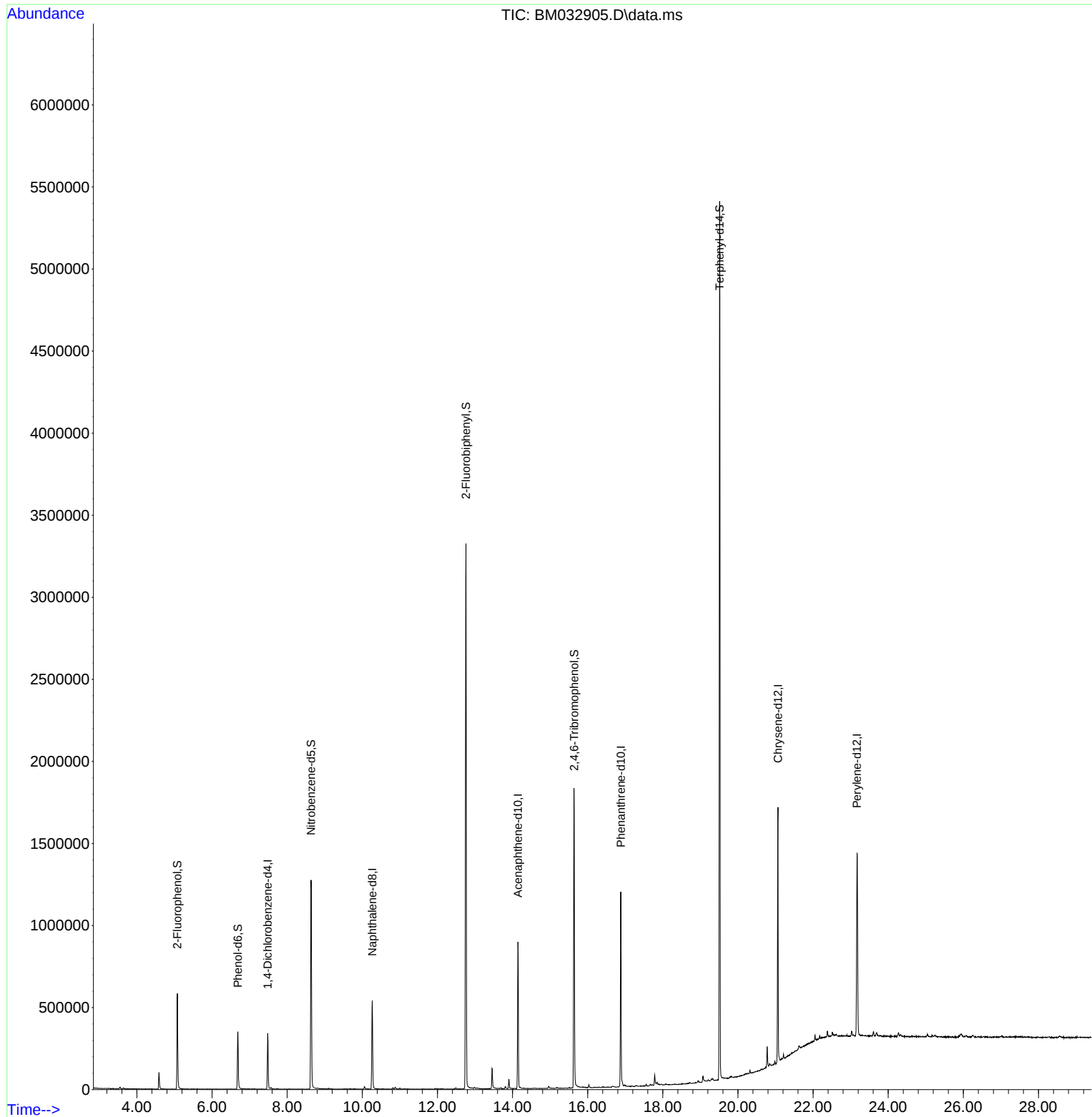
Target Compounds	Qvalue

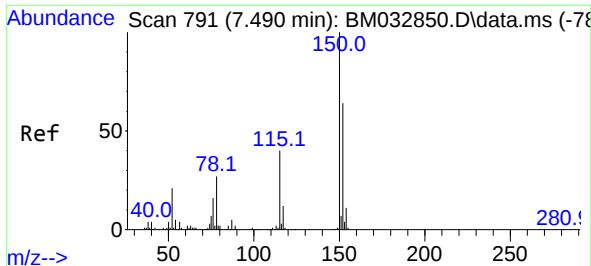
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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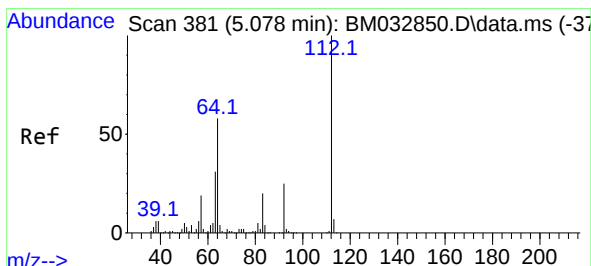
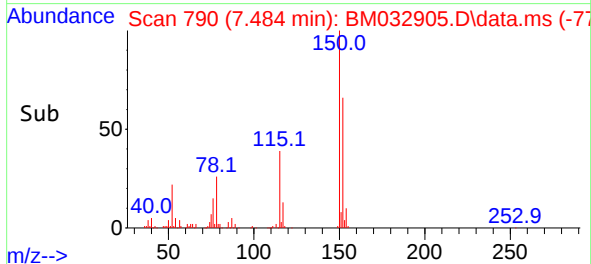
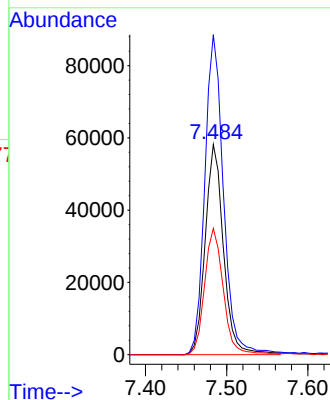
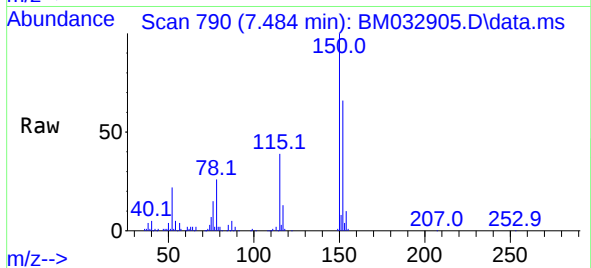




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032905.D
Acq: 08 Nov 2021 21:17

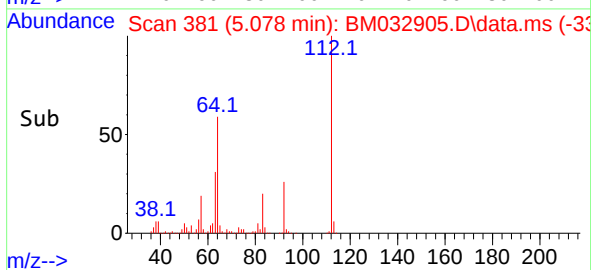
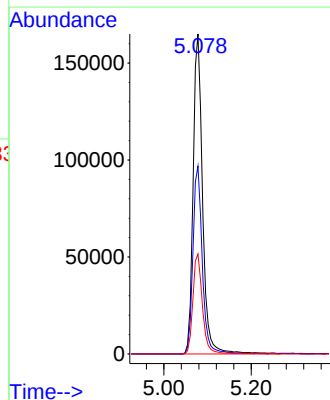
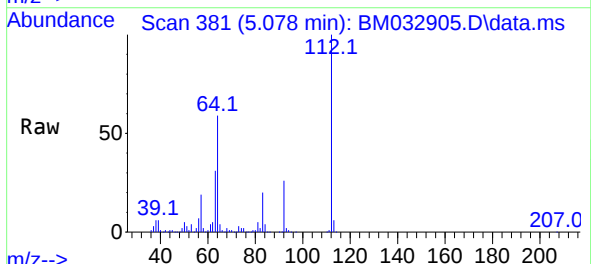
Instrument :
BNA_M
ClientSampleId :
TWP02

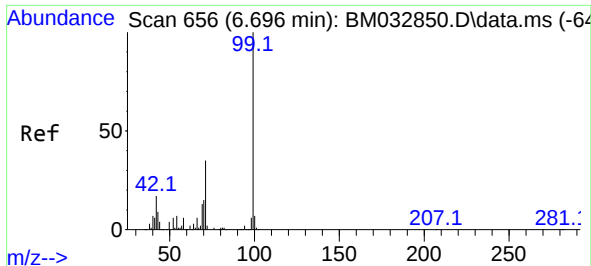
Tgt Ion:152 Resp: 91135
Ion Ratio Lower Upper
152 100
150 152.2 122.4 183.6
115 60.0 53.8 80.8



#5
2-Fluorophenol
Concen: 47.610 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032905.D
Acq: 08 Nov 2021 21:17

Tgt Ion:112 Resp: 248879
Ion Ratio Lower Upper
112 100
64 58.7 53.7 80.5
63 31.2 33.9 50.9#

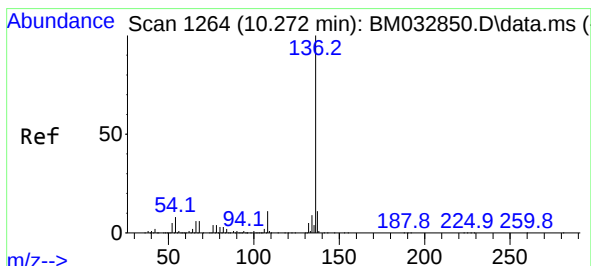
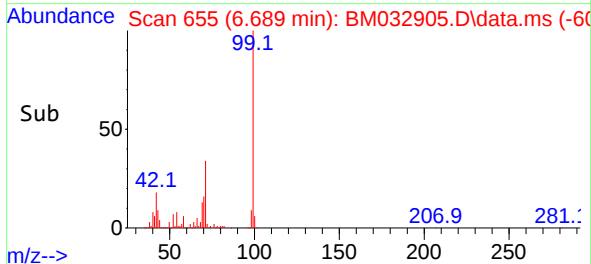
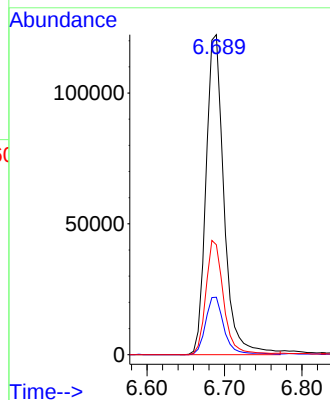
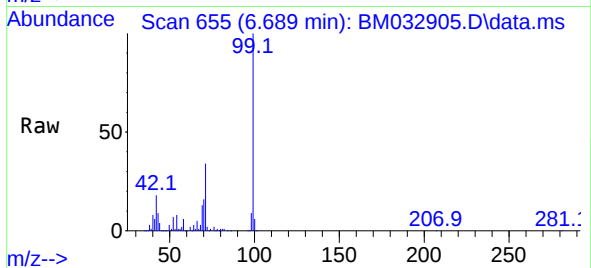




#7
Phenol-d6
Concen: 25.405 ng
RT: 6.689 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM032905.D
Acq: 08 Nov 2021 21:17

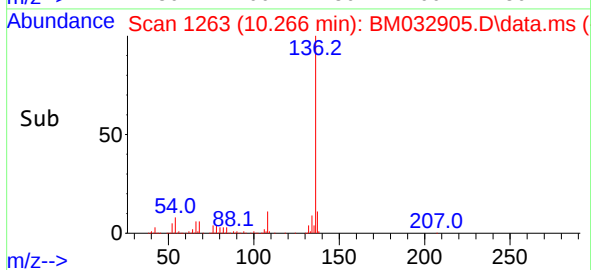
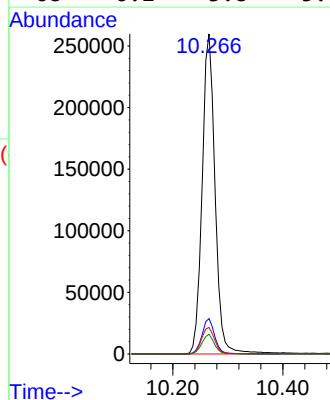
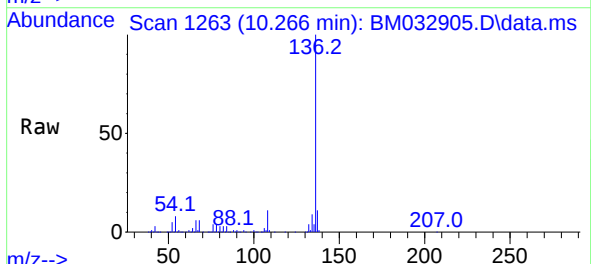
Instrument :
BNA_M
ClientSampleId :
TWP02

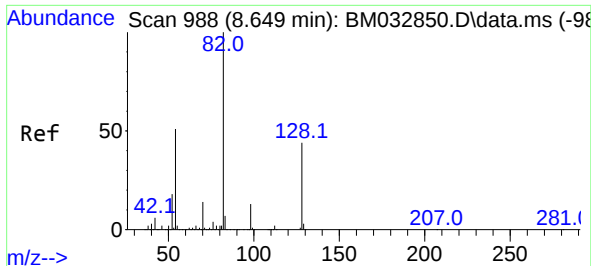
Tgt Ion: 99 Resp: 197767
Ion Ratio Lower Upper
99 100
42 18.0 23.0 34.6#
71 34.4 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM032905.D
Acq: 08 Nov 2021 21:17

Tgt Ion: 136 Resp: 423683
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.3 7.4 11.0
68 6.2 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 91.377 ng

RT: 8.636 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM032905.D

Acq: 08 Nov 2021 21:17

Instrument :

BNA_M

ClientSampleId :

TWP02

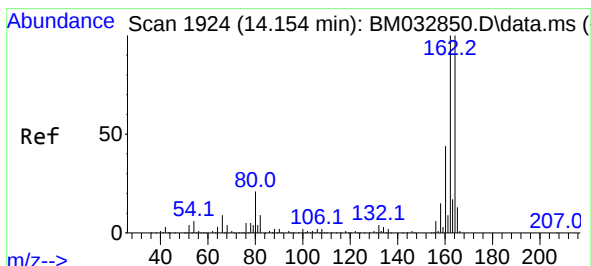
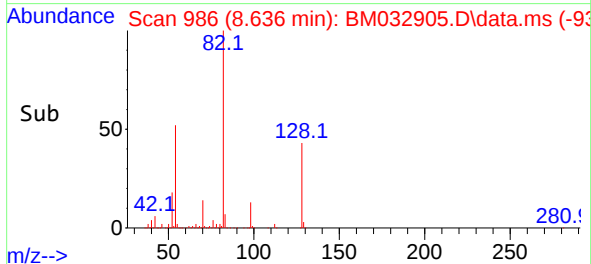
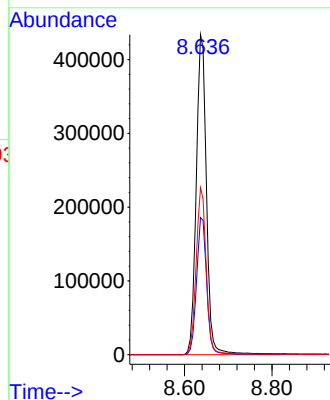
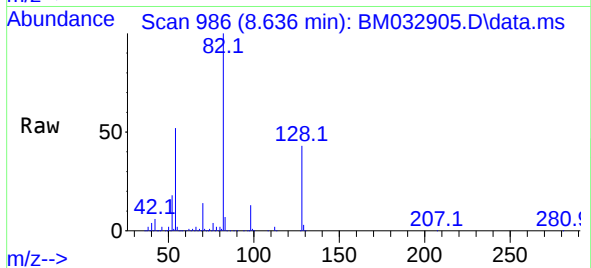
Tgt Ion: 82 Resp: 707345

Ion Ratio Lower Upper

82 100

128 42.9 29.0 43.6

54 52.2 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.142 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BM032905.D

Acq: 08 Nov 2021 21:17

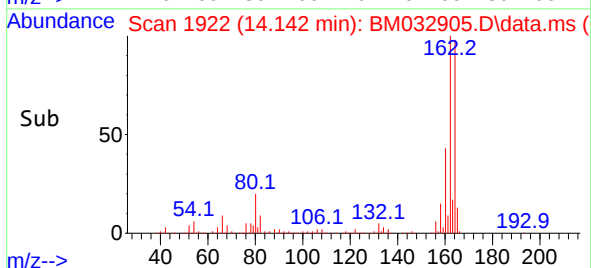
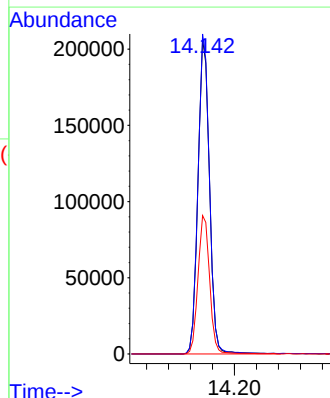
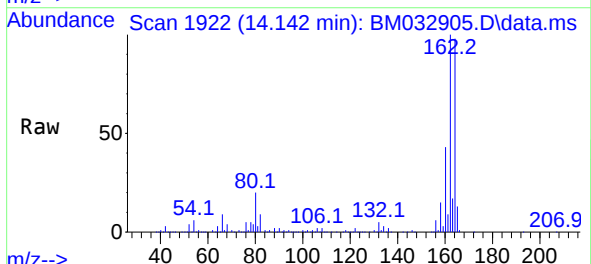
Tgt Ion: 164 Resp: 300576

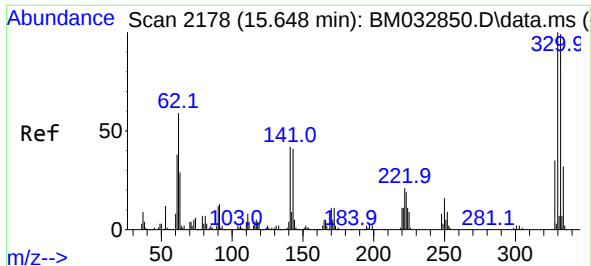
Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 87.061 ng

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM032905.D

Acq: 08 Nov 2021 21:17

Instrument :

BNA_M

ClientSampleId :

TWP02

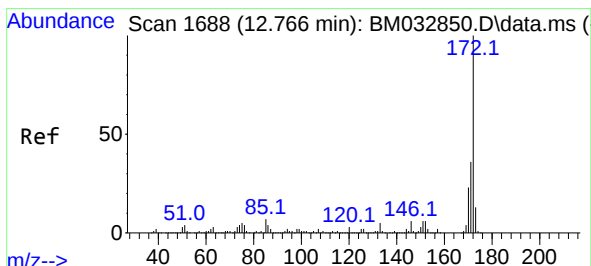
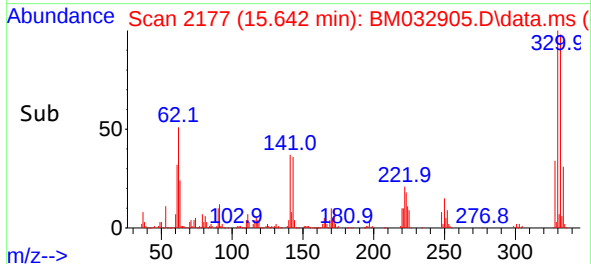
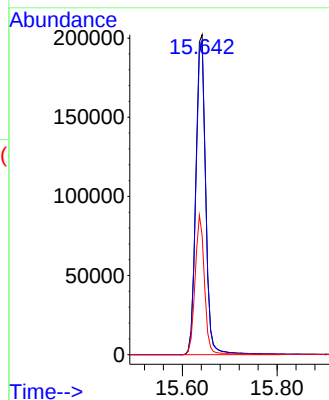
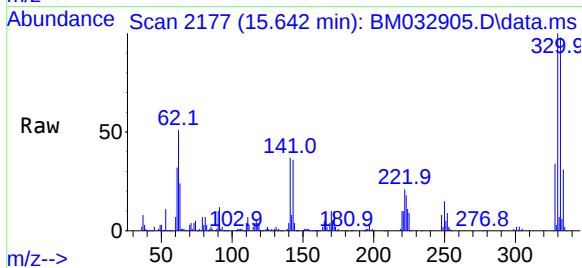
Tgt Ion:330 Resp: 293069

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

141 41.7 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 85.654 ng

RT: 12.760 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM032905.D

Acq: 08 Nov 2021 21:17

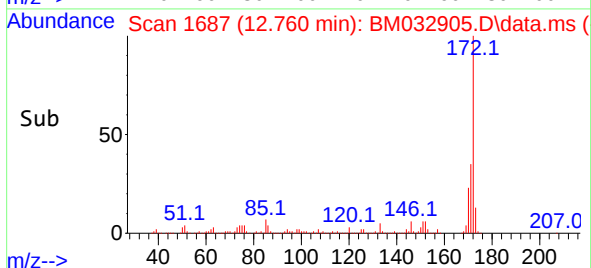
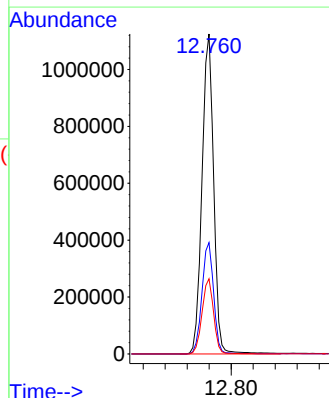
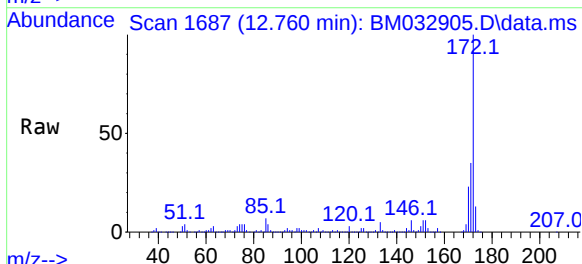
Tgt Ion:172 Resp: 1659940

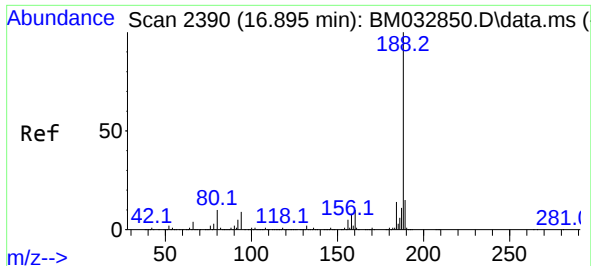
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.5 18.6 27.8

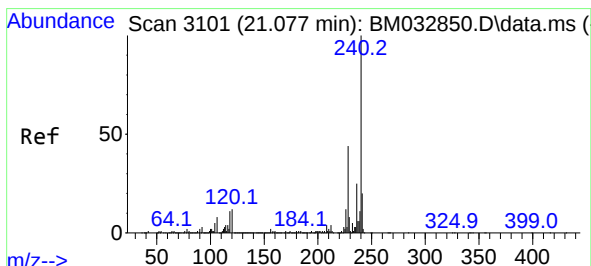
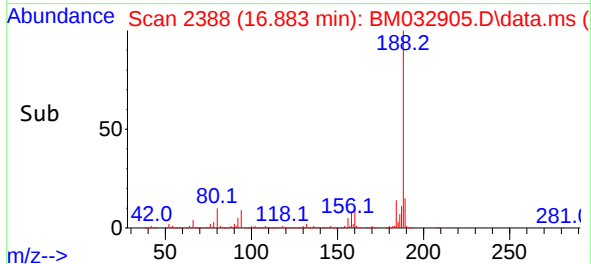
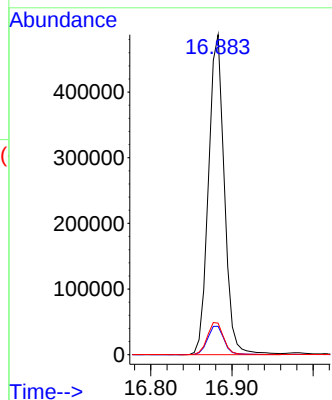
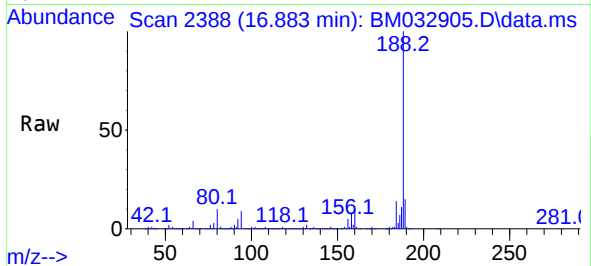




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM032905.D
Acq: 08 Nov 2021 21:17

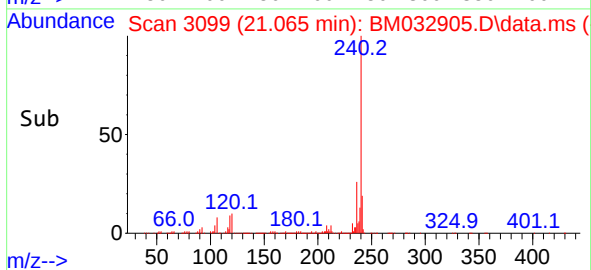
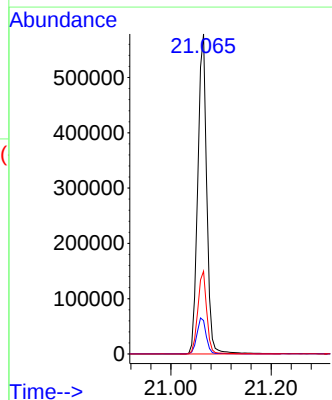
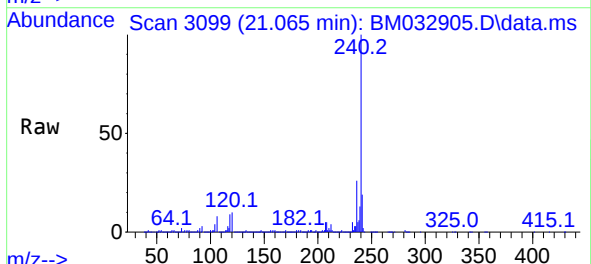
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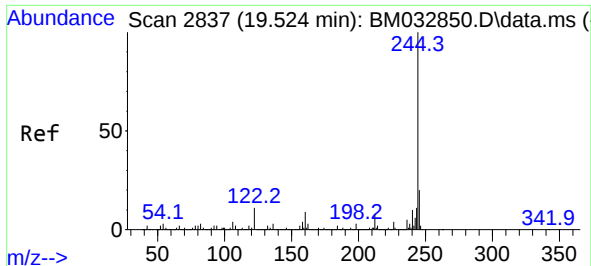
Tgt Ion:188 Resp: 660514
Ion Ratio Lower Upper
188 100
94 8.8 6.3 9.5
80 9.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032905.D
Acq: 08 Nov 2021 21:17

Tgt Ion:240 Resp: 715484
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 25.8 20.9 31.3

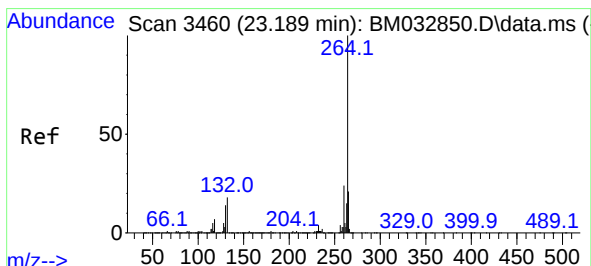
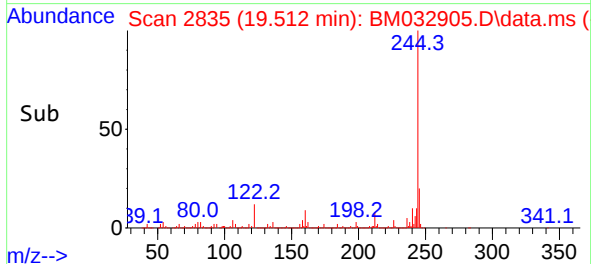
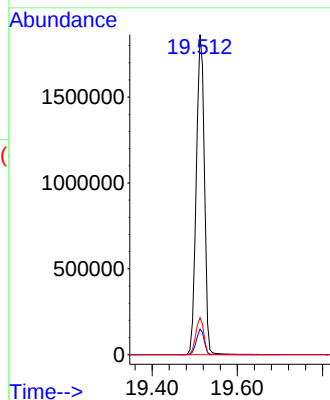
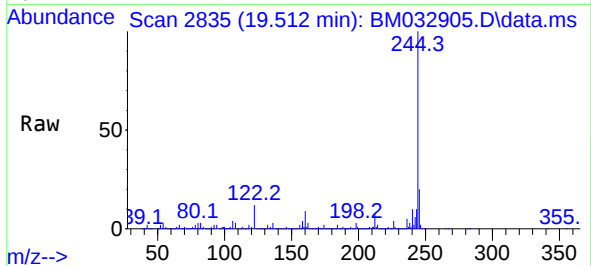




#79
 Terphenyl-d14
 Concen: 75.305 ng
 RT: 19.512 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM032905.D
 Acq: 08 Nov 2021 21:17

Instrument :
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 ClientSampleId :
 TWP02

Tgt Ion:244 Resp: 2467847
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.5 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.171 min Scan# 3457
 Delta R.T. -0.018 min
 Lab File: BM032905.D
 Acq: 08 Nov 2021 21:17

Tgt Ion:264 Resp: 724937
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.6 18.3 27.5

