

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
 Data File : BM032904.D
 Acq On : 08 Nov 2021 20:41
 Operator : CG/JU
 Sample : M4576-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-1

Quant Time: Nov 09 00:25:34 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)

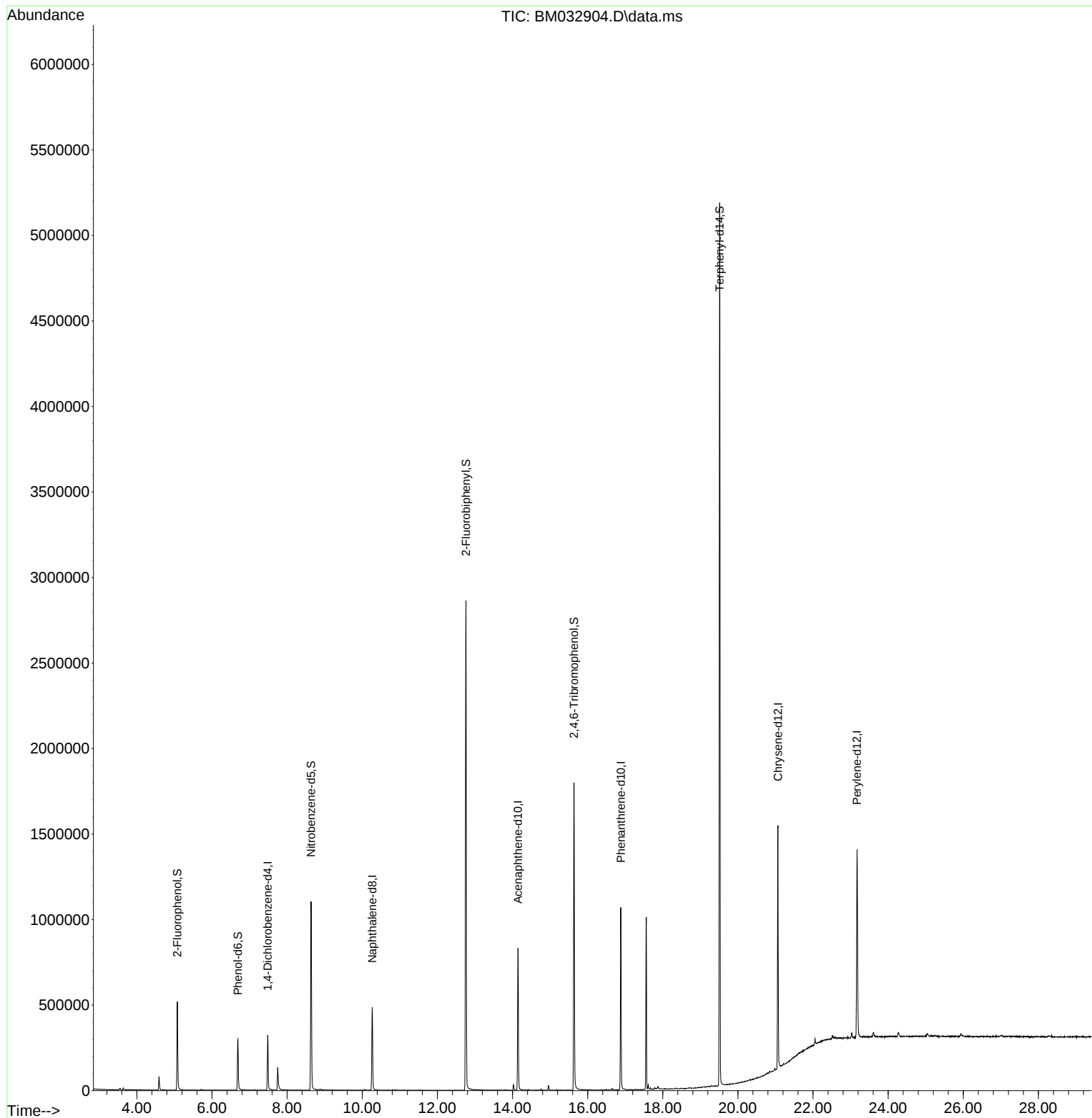
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	84480	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	389487	20.000	ng	# 0.00
39) Acenaphthene-d10	14.142	164	282461	20.000	ng	-0.01
64) Phenanthrene-d10	16.883	188	623175	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	662684	20.000	ng	-0.01
86) Perylene-d12	23.171	264	671773	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	223572	46.138	ng	0.00
7) Phenol-d6	6.690	99	175772	24.358	ng	0.00
23) Nitrobenzene-d5	8.637	82	605843	85.136	ng	-0.01
42) 2,4,6-Tribromophenol	15.636	330	274977	86.925	ng	-0.01
45) 2-Fluorobiphenyl	12.760	172	1432265	78.645	ng	0.00
79) Terphenyl-d14	19.512	244	2340566	77.112	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.908	88	188	Below Cal	#	Qvalue 1

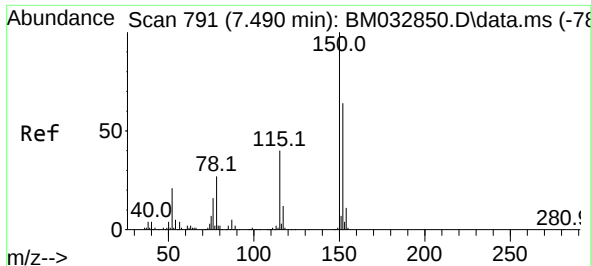
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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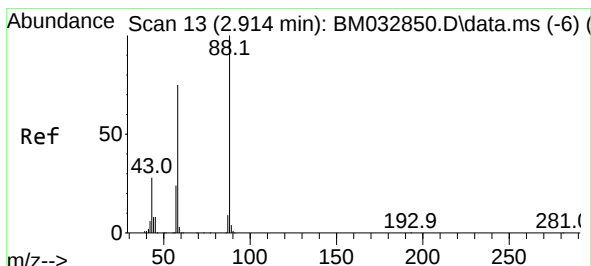
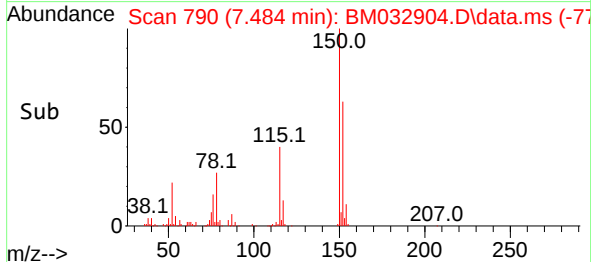
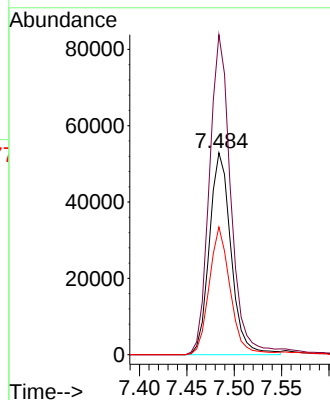
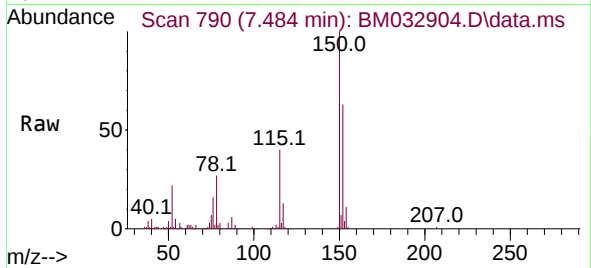




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

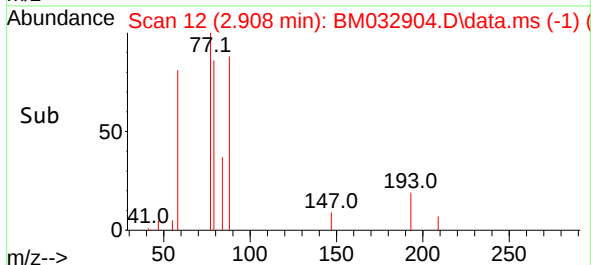
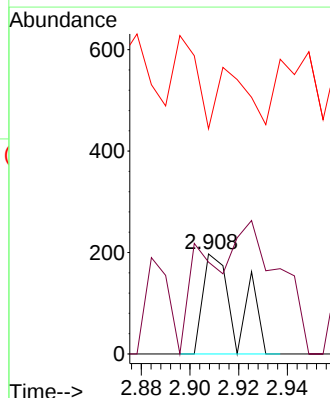
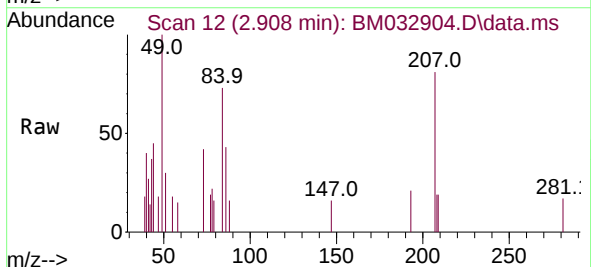
Instrument :
BNA_M
ClientSampleId :
TW-1

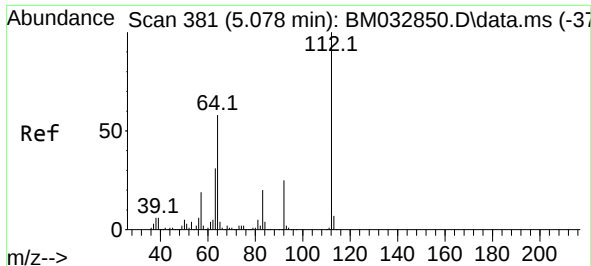
Tgt Ion:152 Resp: 84480
Ion Ratio Lower Upper
152 100
150 158.4 122.4 183.6
115 63.2 53.8 80.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.908 min Scan# 12
Delta R.T. -0.006 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

Tgt Ion: 88 Resp: 188
Ion Ratio Lower Upper
88 100
58 288.3 50.4 75.6#
43 0.0 22.2 33.2#

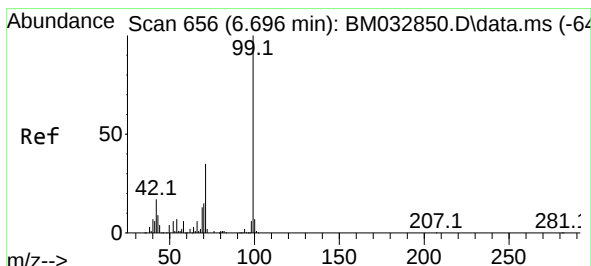
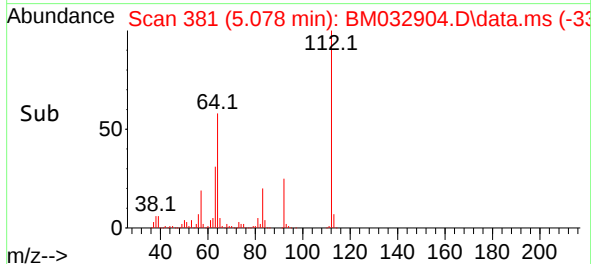
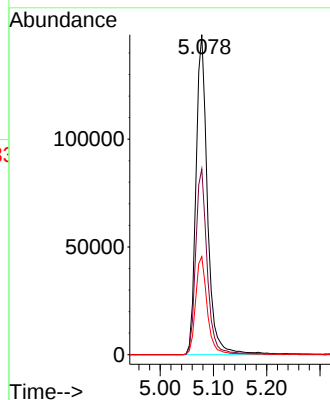
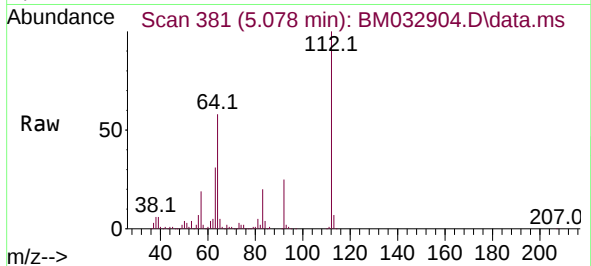




#5
2-Fluorophenol
Concen: 46.138 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

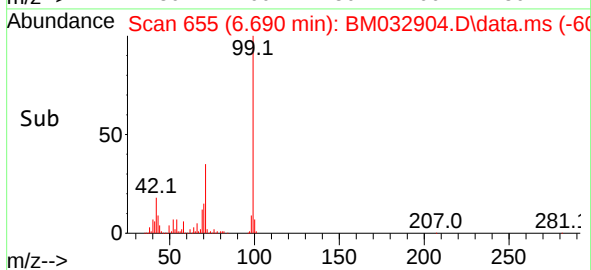
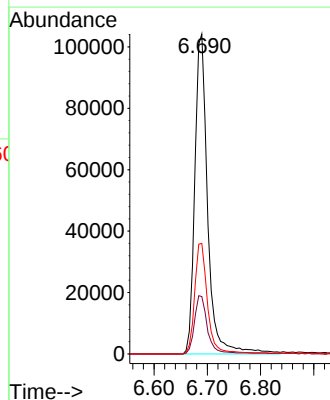
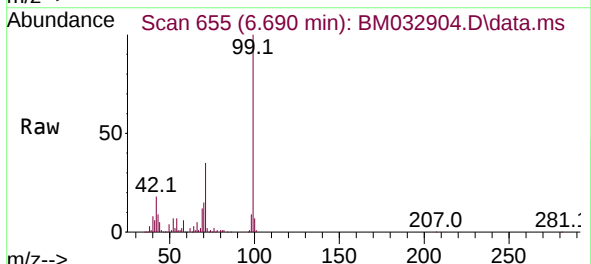
Instrument :
BNA_M
ClientSampleId :
TW-1

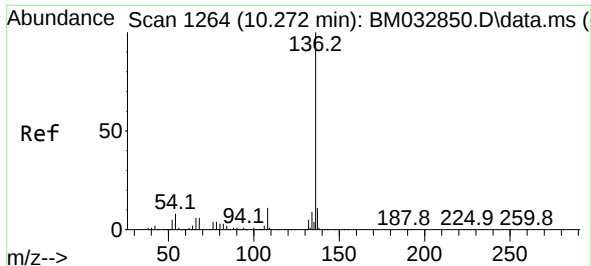
Tgt Ion:112 Resp: 223572
Ion Ratio Lower Upper
112 100
64 58.1 53.7 80.5
63 30.7 33.9 50.9#



#7
Phenol-d6
Concen: 24.358 ng
RT: 6.690 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

Tgt Ion: 99 Resp: 175772
Ion Ratio Lower Upper
99 100
42 18.0 23.0 34.6#
71 34.5 37.8 56.8#

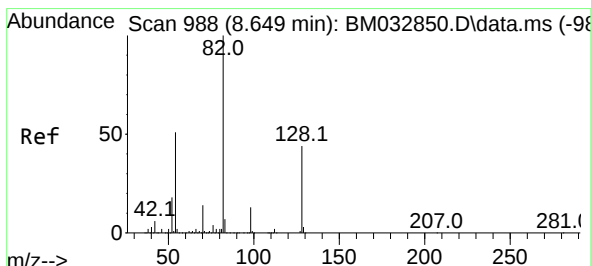
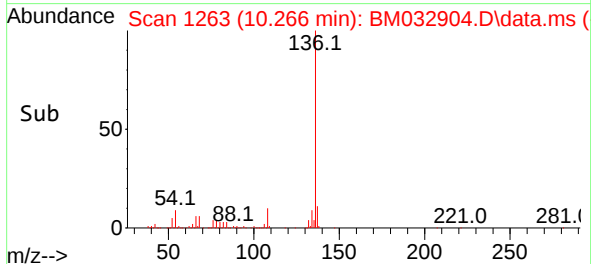
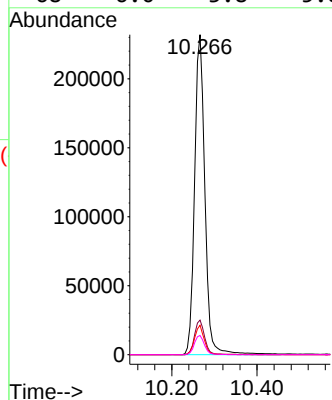
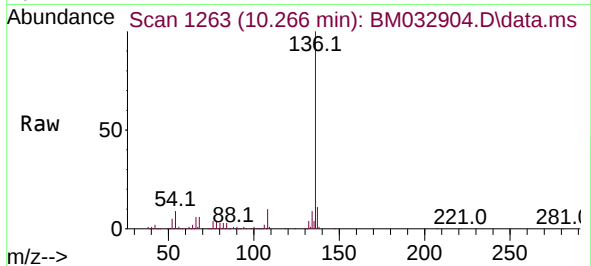




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

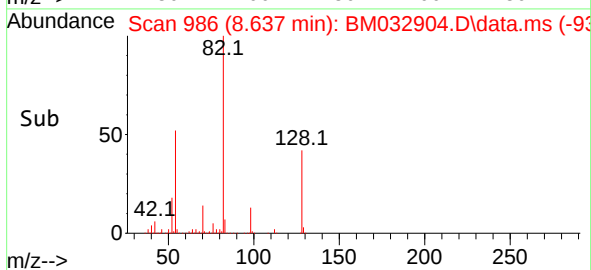
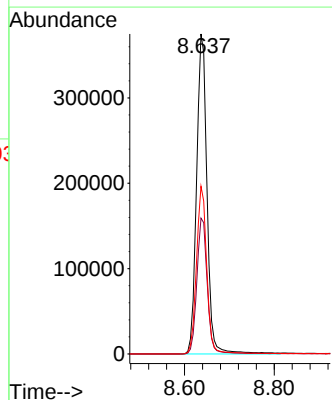
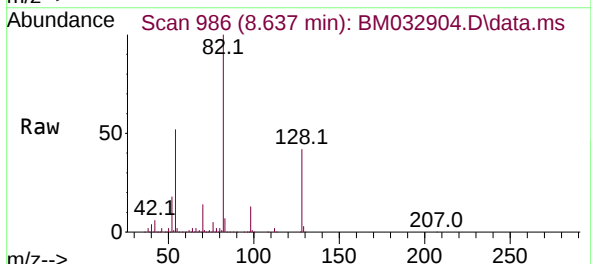
Instrument :
BNA_M
ClientSampleId :
TW-1

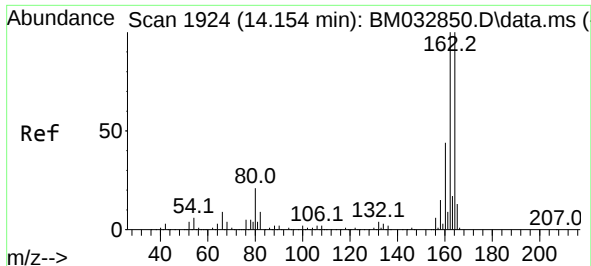
Tgt Ion:136 Resp: 389487
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.2 7.4 11.0
68 6.0 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 85.136 ng
RT: 8.637 min Scan# 986
Delta R.T. -0.012 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

Tgt Ion: 82 Resp: 605843
Ion Ratio Lower Upper
82 100
128 42.4 29.0 43.6
54 52.4 45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.142 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BM032904.D

Acq: 08 Nov 2021 20:41

Instrument :

BNA_M

ClientSampleId :

TW-1

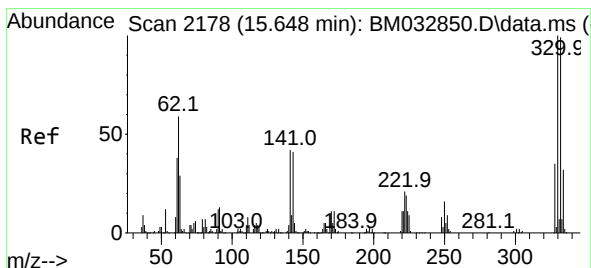
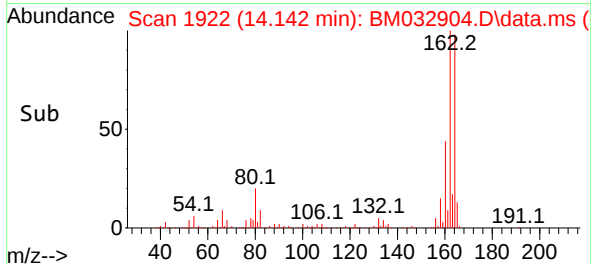
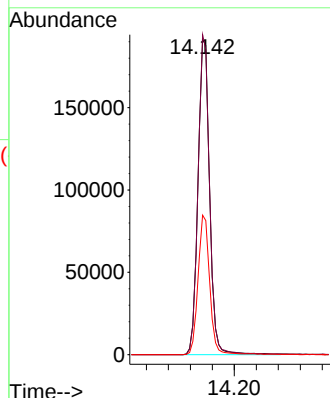
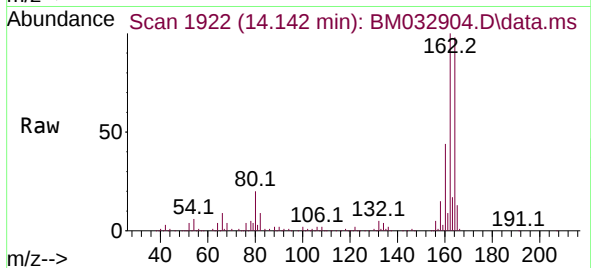
Tgt Ion:164 Resp: 282461

Ion Ratio Lower Upper

164 100

162 101.6 80.6 121.0

160 44.3 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 86.925 ng

RT: 15.636 min Scan# 2176

Delta R.T. -0.012 min

Lab File: BM032904.D

Acq: 08 Nov 2021 20:41

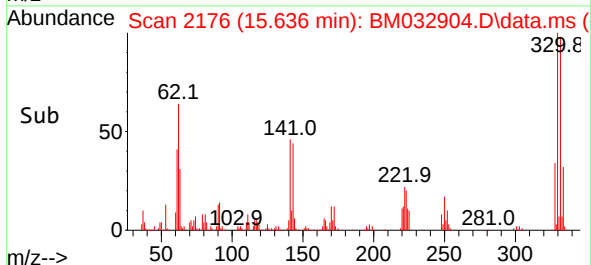
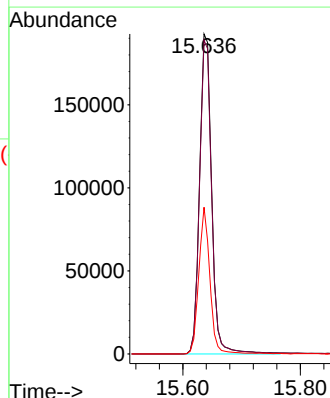
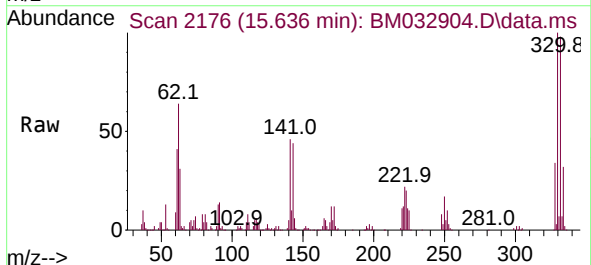
Tgt Ion:330 Resp: 274977

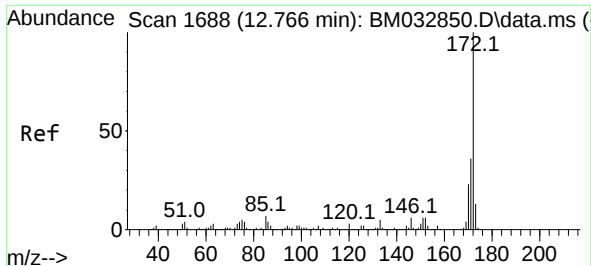
Ion Ratio Lower Upper

330 100

332 98.0 75.7 113.5

141 42.5 50.7 76.1#

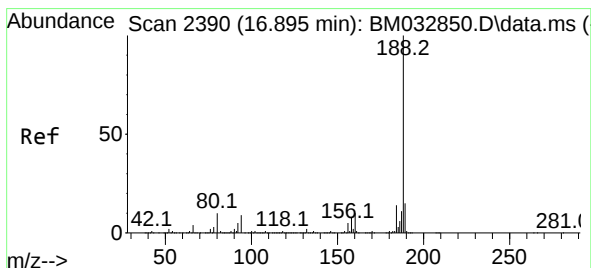
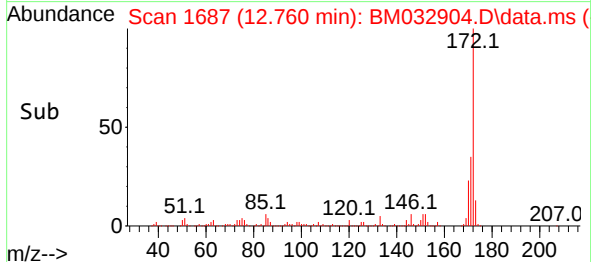
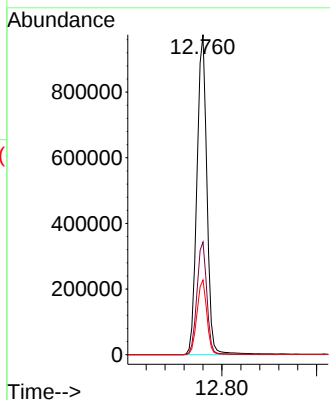
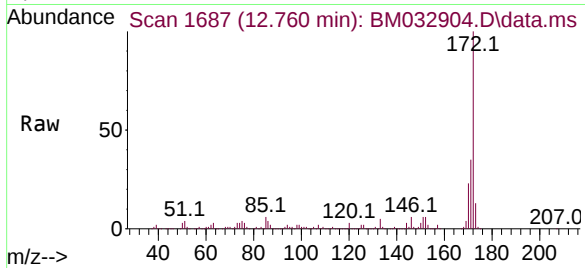




#45
2-Fluorobiphenyl
Concen: 78.645 ng
RT: 12.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

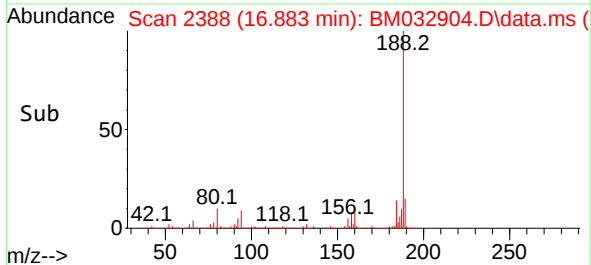
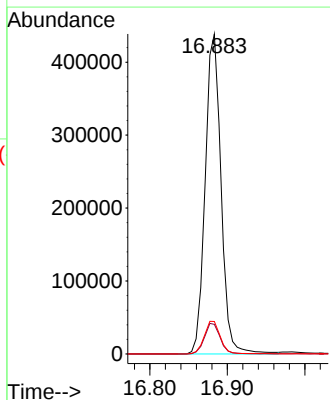
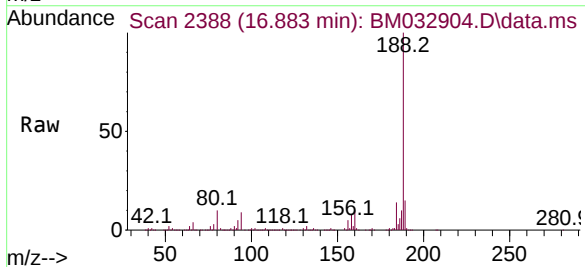
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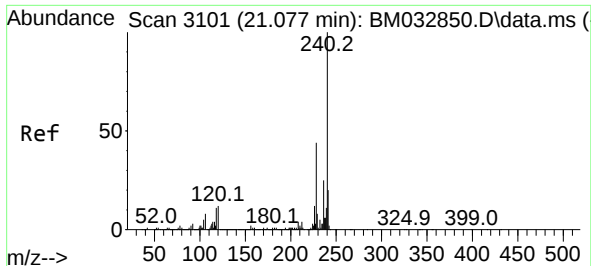
Tgt Ion:172 Resp: 1432265
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

Tgt Ion:188 Resp: 623175
Ion Ratio Lower Upper
188 100
94 9.2 6.3 9.5
80 10.2 7.3 10.9

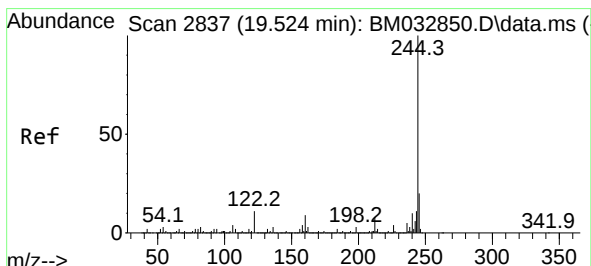
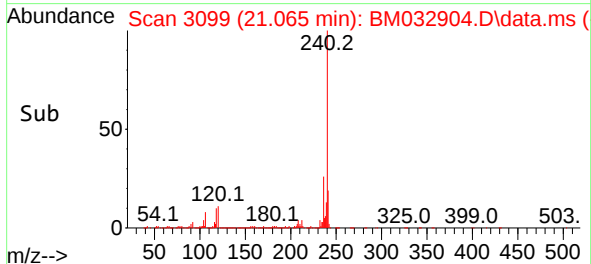
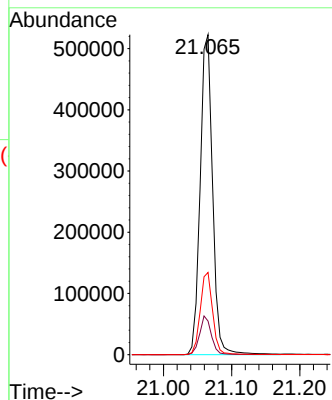
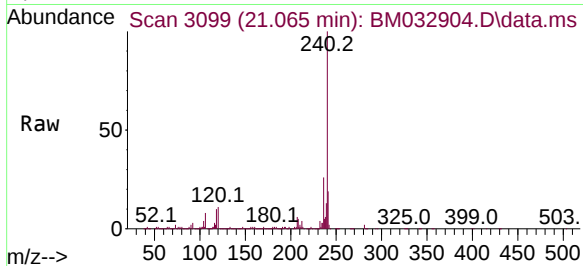




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

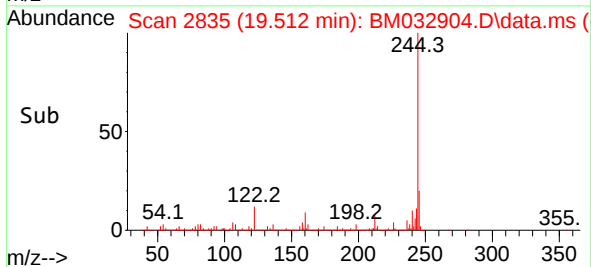
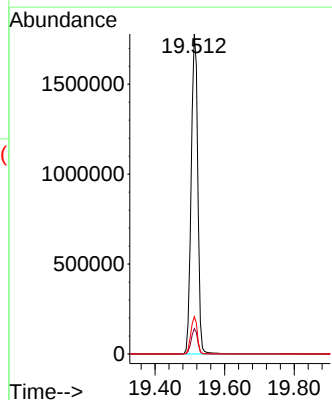
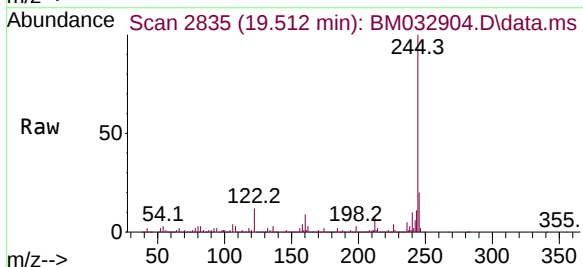
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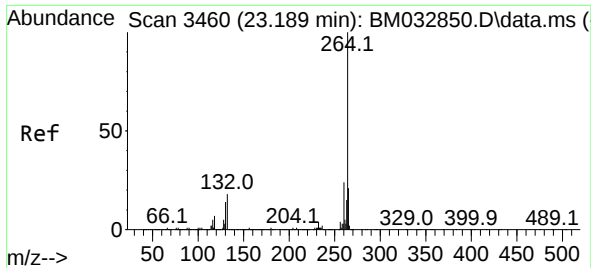
Tgt Ion:240 Resp: 662684
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 77.112 ng
RT: 19.512 min Scan# 2835
Delta R.T. -0.012 min
Lab File: BM032904.D
Acq: 08 Nov 2021 20:41

Tgt Ion:244 Resp: 2340566
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.6 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.171 min Scan# 34
 Delta R.T. -0.018 min
 Lab File: BM032904.D
 Acq: 08 Nov 2021 20:41

Instrument :
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Tgt Ion:264 Resp: 671773
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 22.0 18.3 27.5

