

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
 Data File : BM035221.D
 Acq On : 24 May 2022 16:19
 Operator : CG/JU
 Sample : N2981-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-8(4-4.5)

Quant Time: May 25 05:43:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

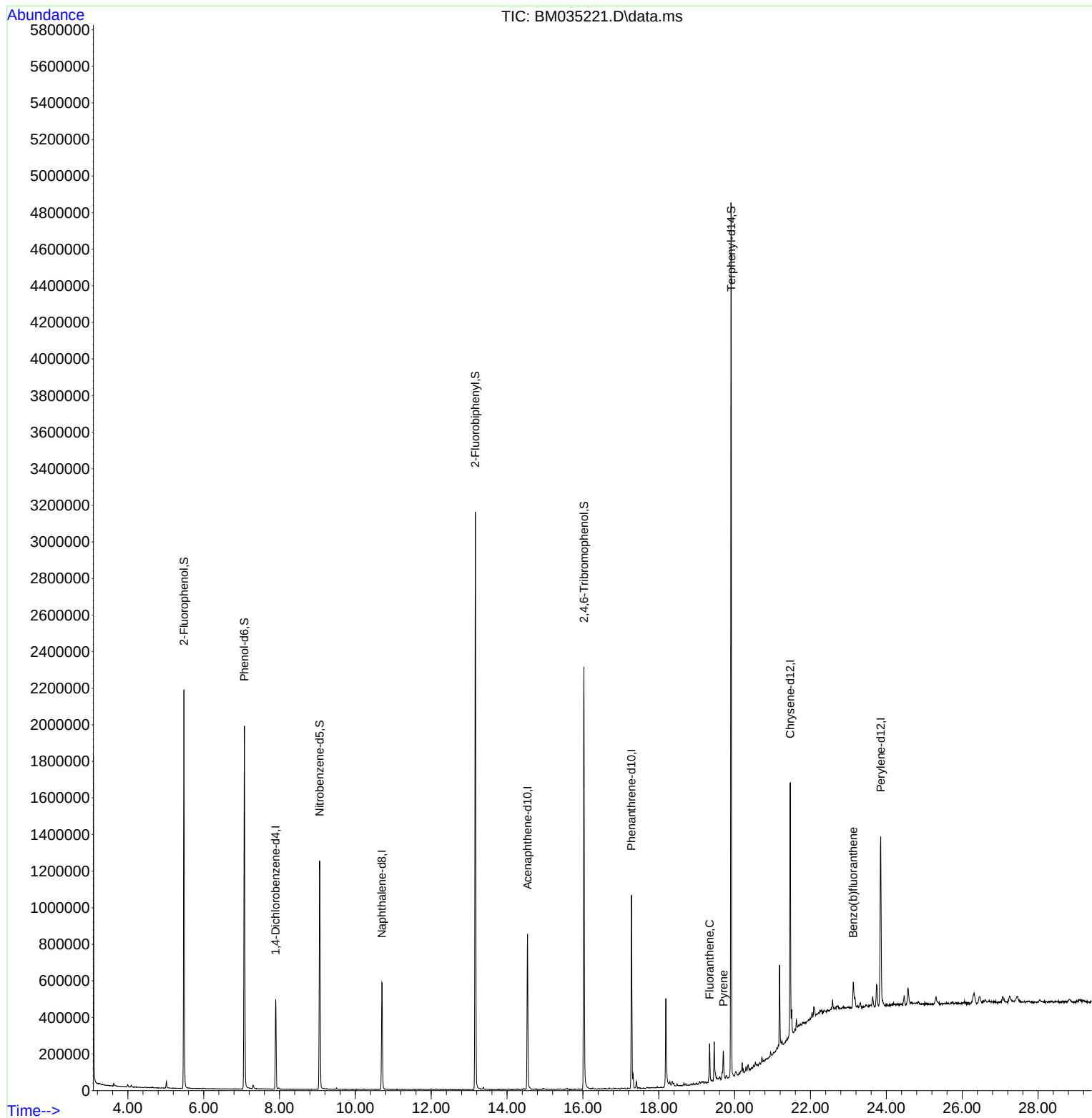
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	132001	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	504615	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	306831	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	635557	20.000	ng	0.00
76) Chrysene-d12	21.468	240	654778	20.000	ng	# 0.00
86) Perylene-d12	23.850	264	707308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	864973	115.605	ng	0.00
7) Phenol-d6	7.075	99	1067974	110.568	ng	0.00
23) Nitrobenzene-d5	9.057	82	708511	75.822	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	431782	129.365	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1614995	76.408	ng	0.00
79) Terphenyl-d14	19.909	244	2271608	67.172	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.339	202	109258	2.809	ng	99
78) Pyrene	19.703	202	91791	2.120	ng	99
88) Benzo(b)fluoranthene	23.127	252	93110	2.093	ng	# 94

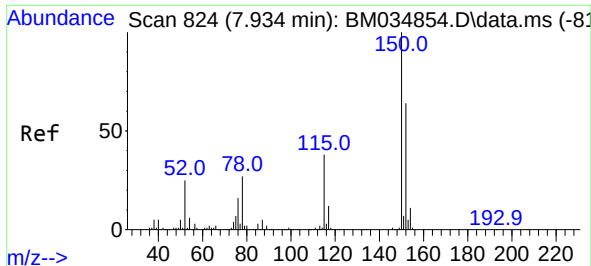
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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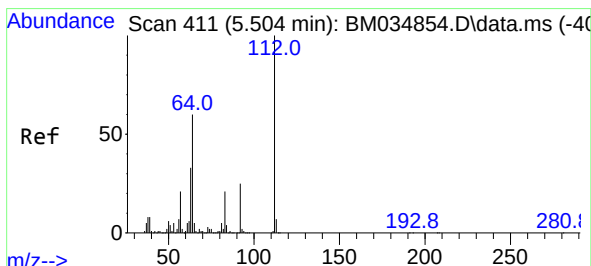
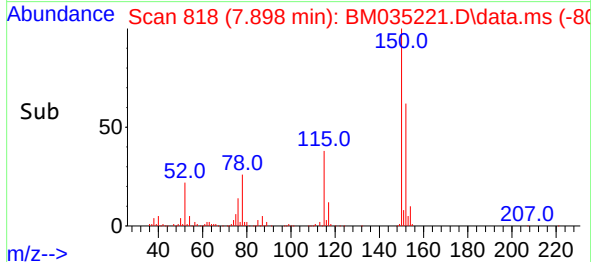
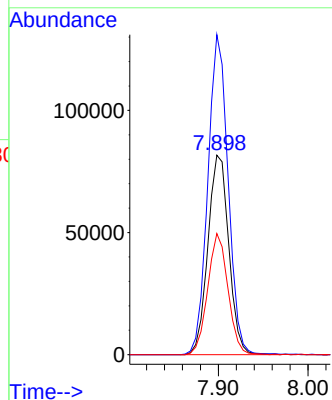
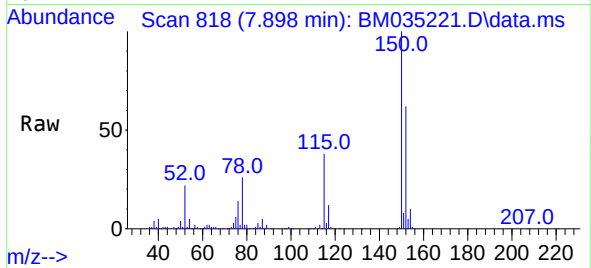




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

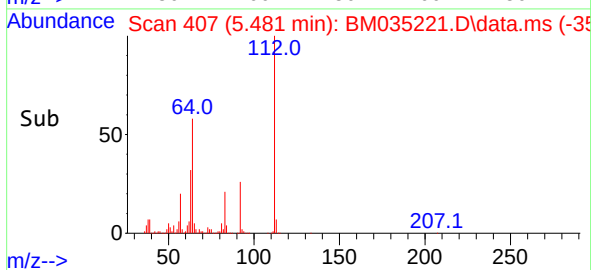
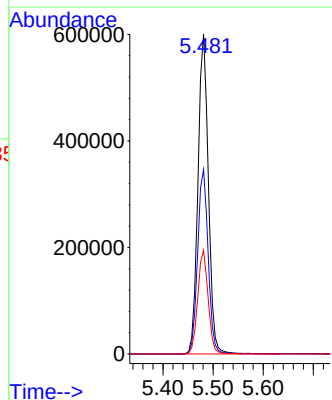
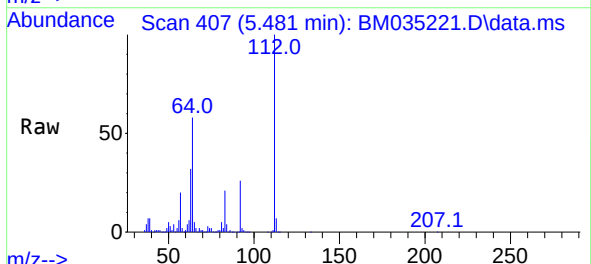
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)

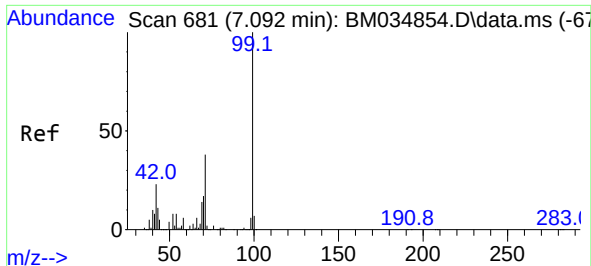
Tgt Ion:152 Resp: 132001
Ion Ratio Lower Upper
152 100
150 160.4 124.9 187.3
115 60.7 47.9 71.9



#5
2-Fluorophenol
Concen: 115.605 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

Tgt Ion:112 Resp: 864973
Ion Ratio Lower Upper
112 100
64 57.7 47.8 71.6
63 32.4 26.6 40.0



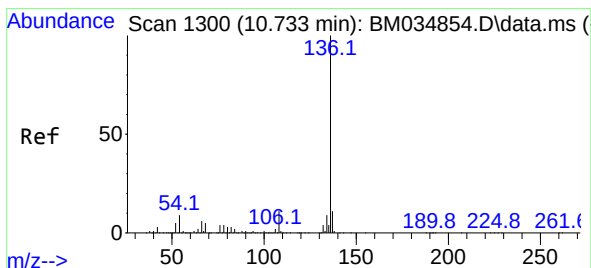
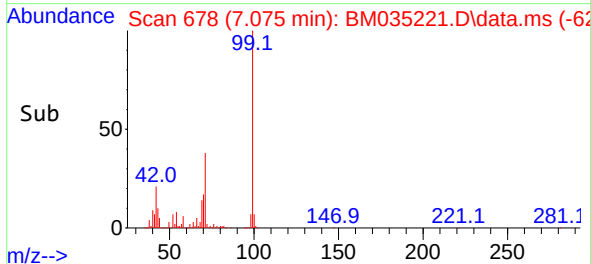
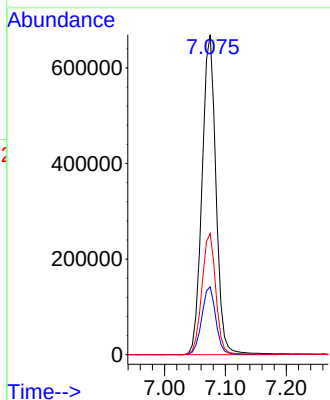
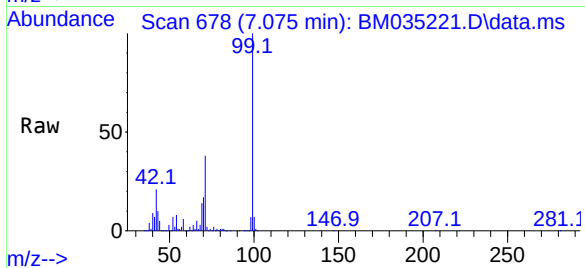


#7
Phenol-d6
Concen: 110.568 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)

Tgt Ion: 99 Resp: 1067974

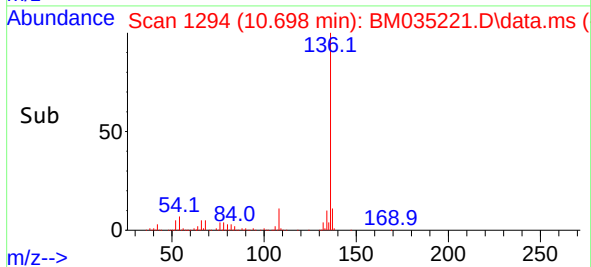
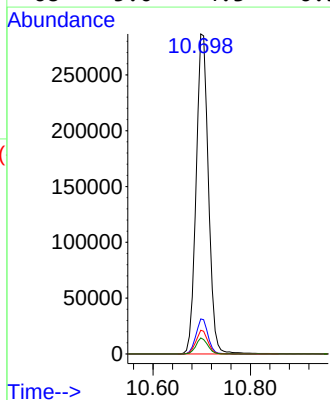
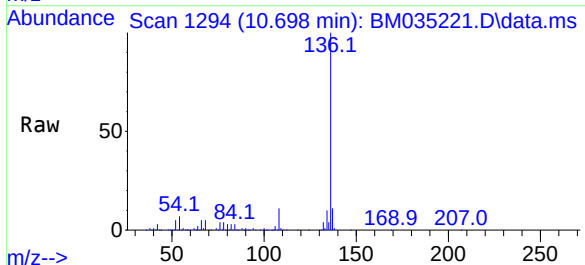
Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.8	28.2
71	37.9	30.2	45.2

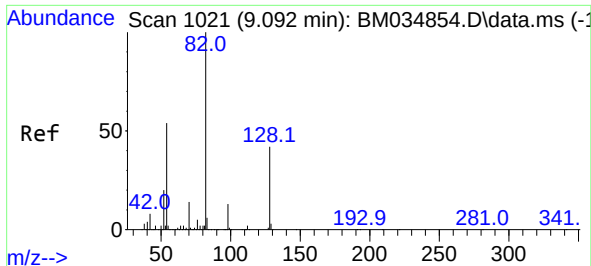


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

Tgt Ion: 136 Resp: 504615

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	7.0	10.4
68	5.0	4.3	6.5

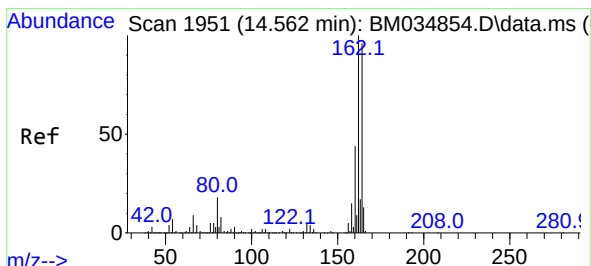
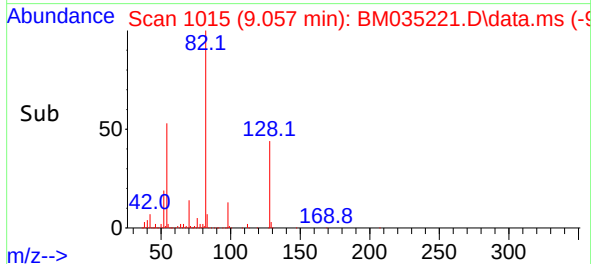
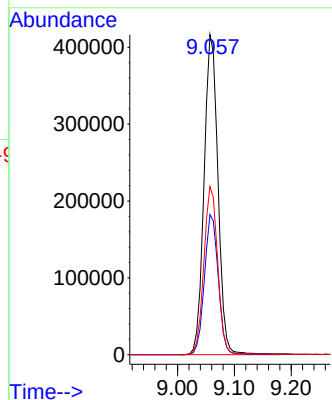
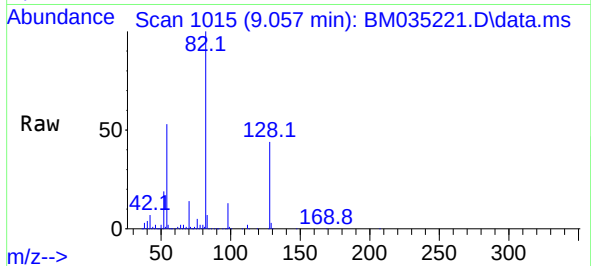




#23
Nitrobenzene-d5
Concen: 75.822 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

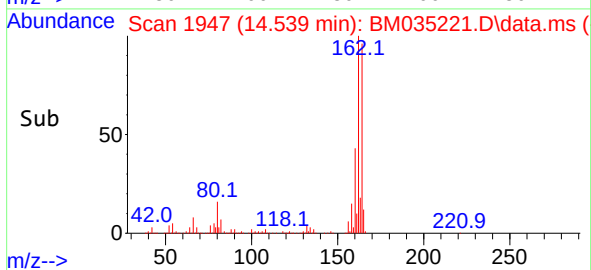
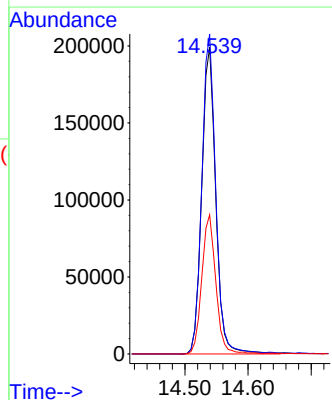
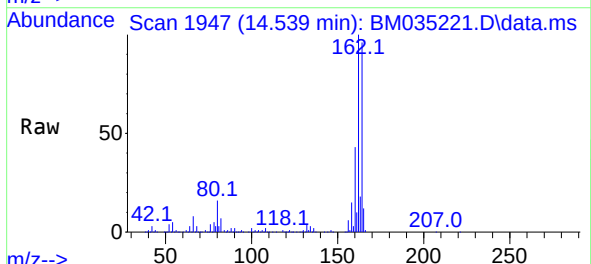
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)

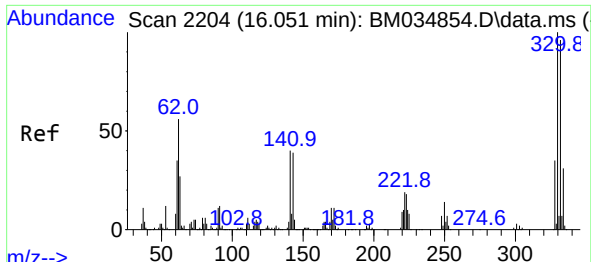
Tgt Ion: 82 Resp: 708511
Ion Ratio Lower Upper
82 100
128 43.8 33.7 50.5
54 52.5 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

Tgt Ion:164 Resp: 306831
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.6
160 45.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 129.365 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035221.D

Acq: 24 May 2022 16:19

Instrument :

BNA_M

ClientSampleId :

SB-8(4-4.5)

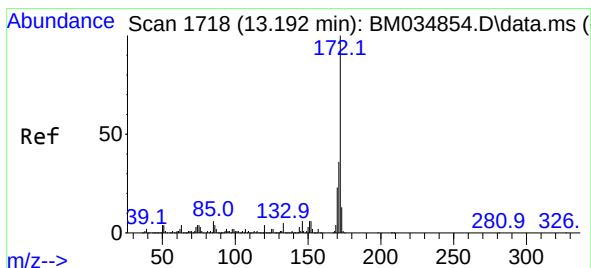
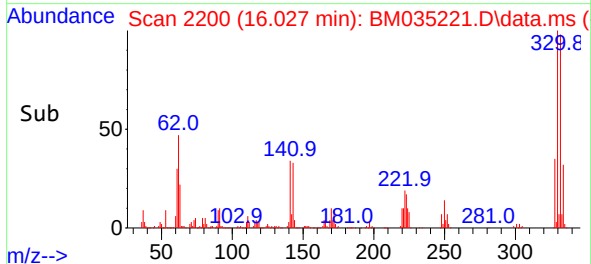
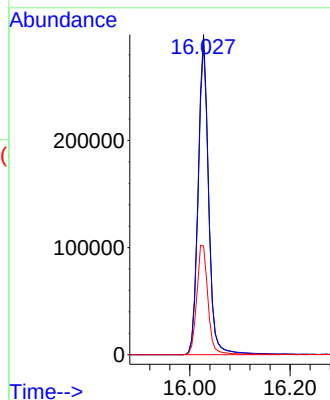
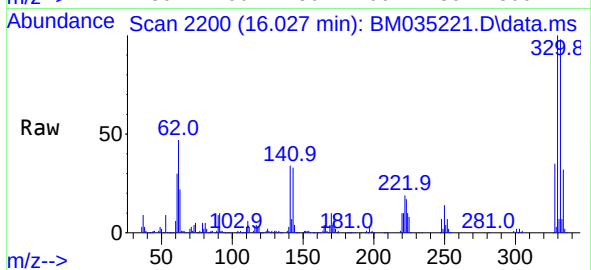
Tgt Ion:330 Resp: 431782

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 36.8 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 76.408 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM035221.D

Acq: 24 May 2022 16:19

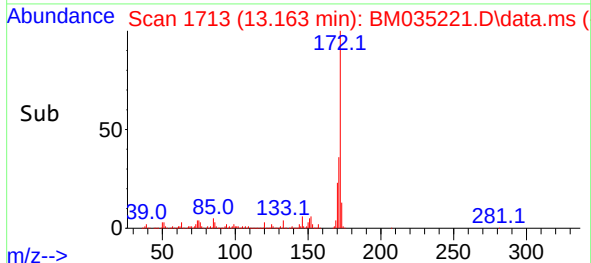
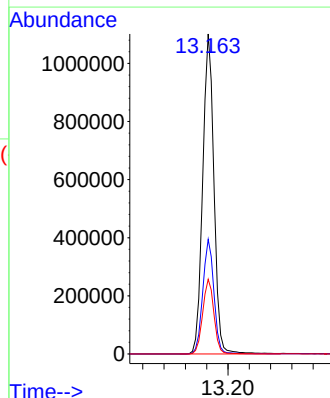
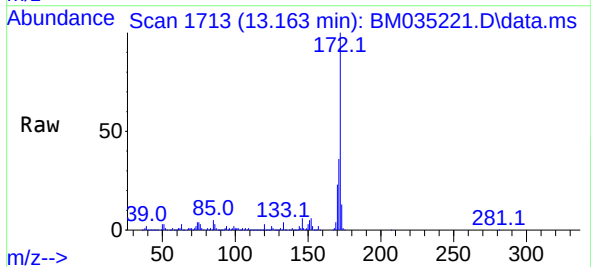
Tgt Ion:172 Resp: 1614995

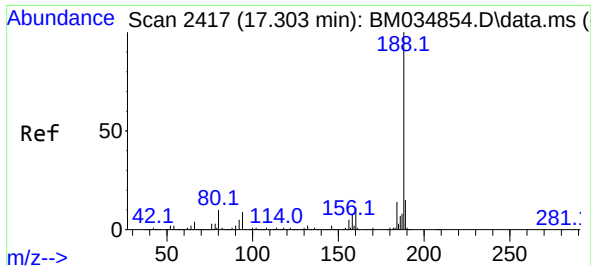
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.3 18.7 28.1

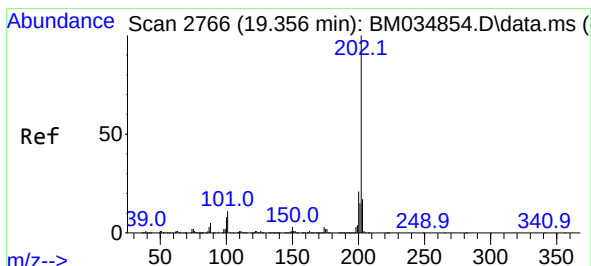
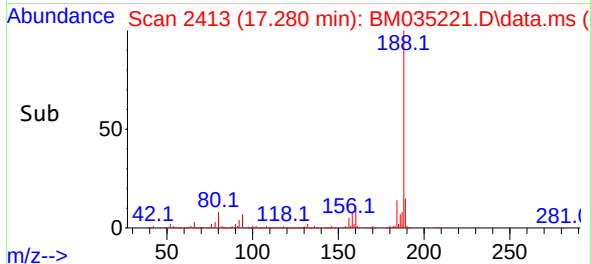
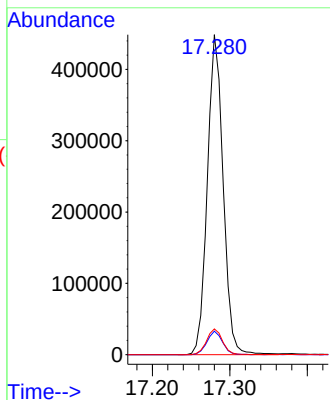
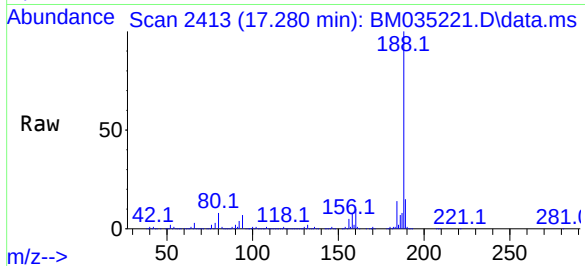




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

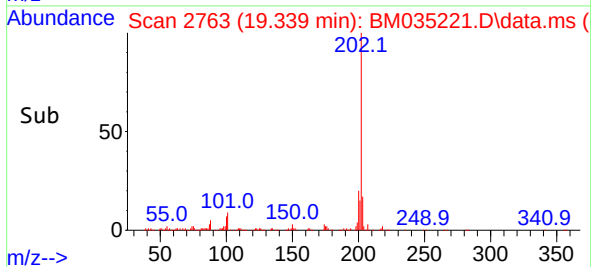
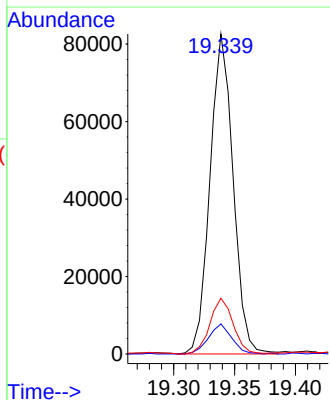
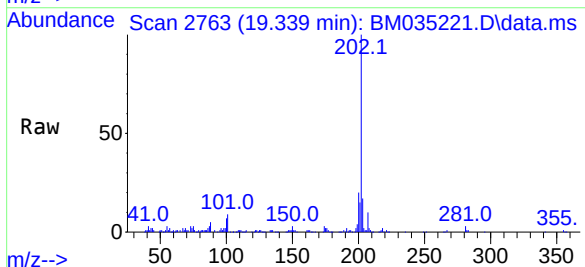
Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)

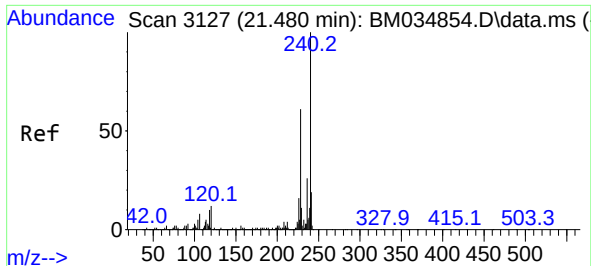
Tgt Ion:188 Resp: 635557
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.0 7.6 11.4



#75
Fluoranthene
Concen: 2.809 ng
RT: 19.339 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

Tgt Ion:202 Resp: 109258
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.6
203 17.4 0.0 37.4

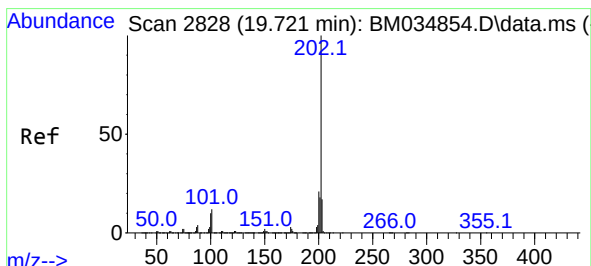
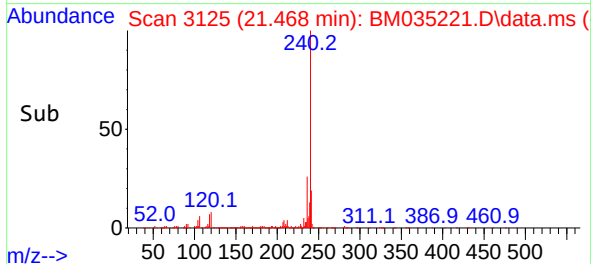
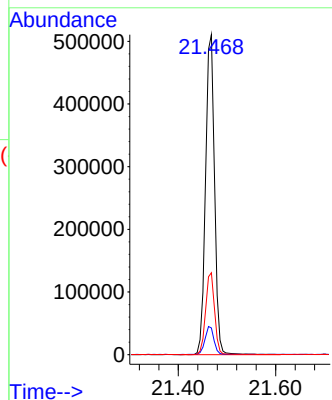
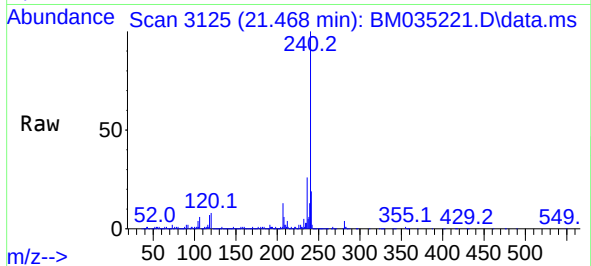




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

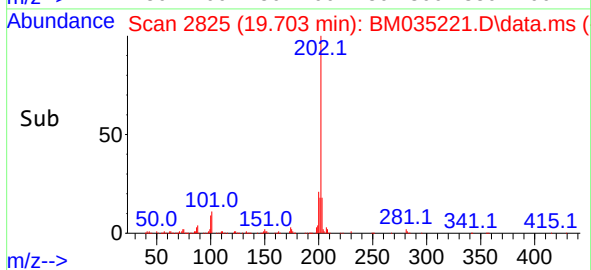
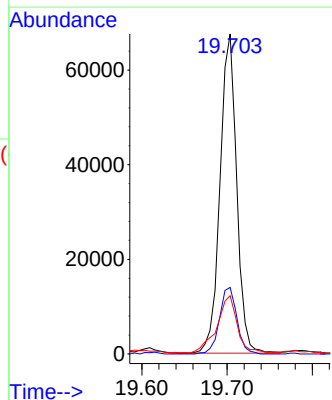
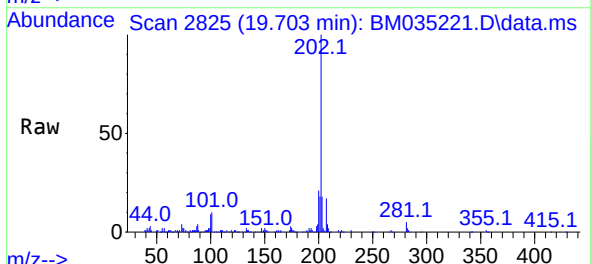
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SB-8(4-4.5)

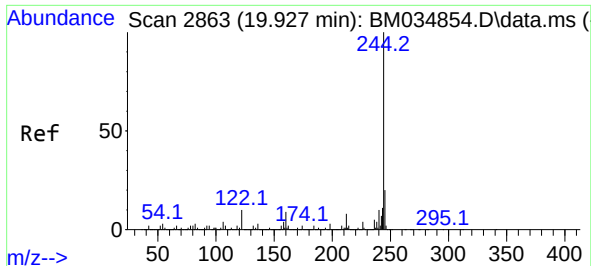
Tgt Ion:240 Resp: 654778
Ion Ratio Lower Upper
240 100
120 8.3 9.4 14.0#
236 25.6 20.6 30.8



#78
Pyrene
Concen: 2.120 ng
RT: 19.703 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

Tgt Ion:202 Resp: 91791
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 18.2 13.9 20.9

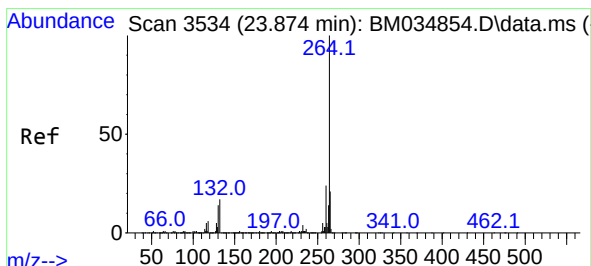
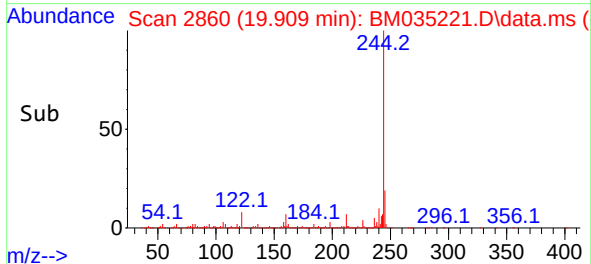
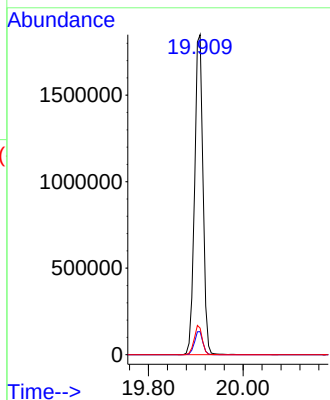
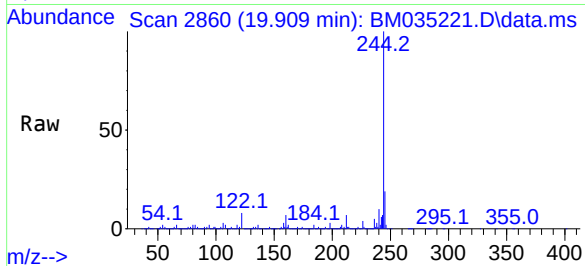




#79
 Terphenyl-d14
 Concen: 67.172 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035221.D
 Acq: 24 May 2022 16:19

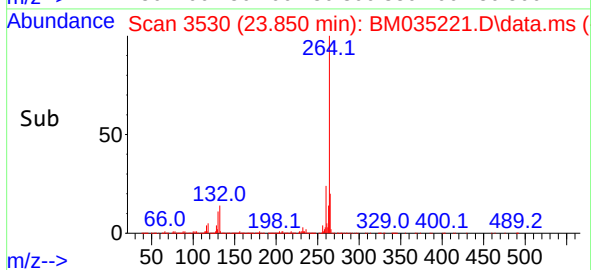
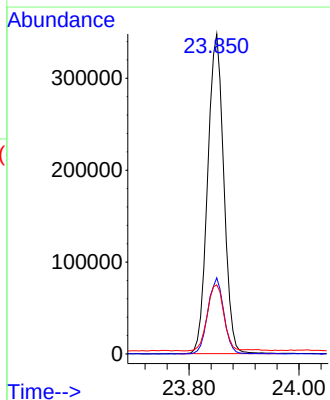
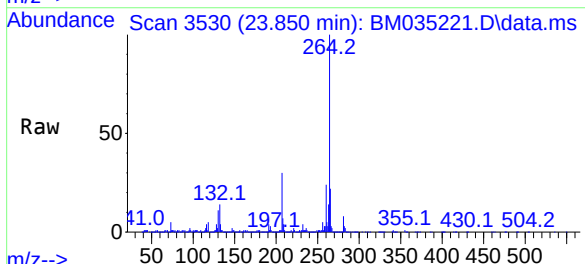
Instrument :
 BNA_M
 ClientSampleId :
 SB-8(4-4.5)

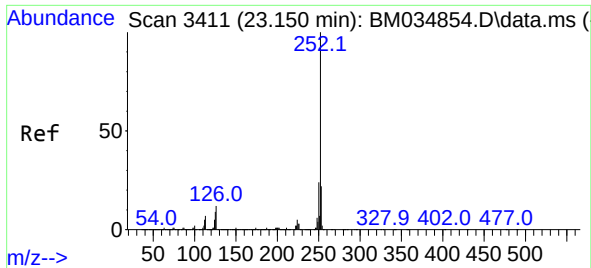
Tgt Ion:244 Resp: 2271608
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.3 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.850 min Scan# 3530
 Delta R.T. -0.006 min
 Lab File: BM035221.D
 Acq: 24 May 2022 16:19

Tgt Ion:264 Resp: 707308
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.6 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.093 ng
RT: 23.127 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM035221.D
Acq: 24 May 2022 16:19

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)

Tgt Ion:252 Resp: 93110
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 12.3 7.6 11.4#

