

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039089.D
 Acq On : 22 Mar 2023 12:55
 Operator : CG/JU
 Sample : 02001-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IRV-2

Quant Time: Mar 23 04:21:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

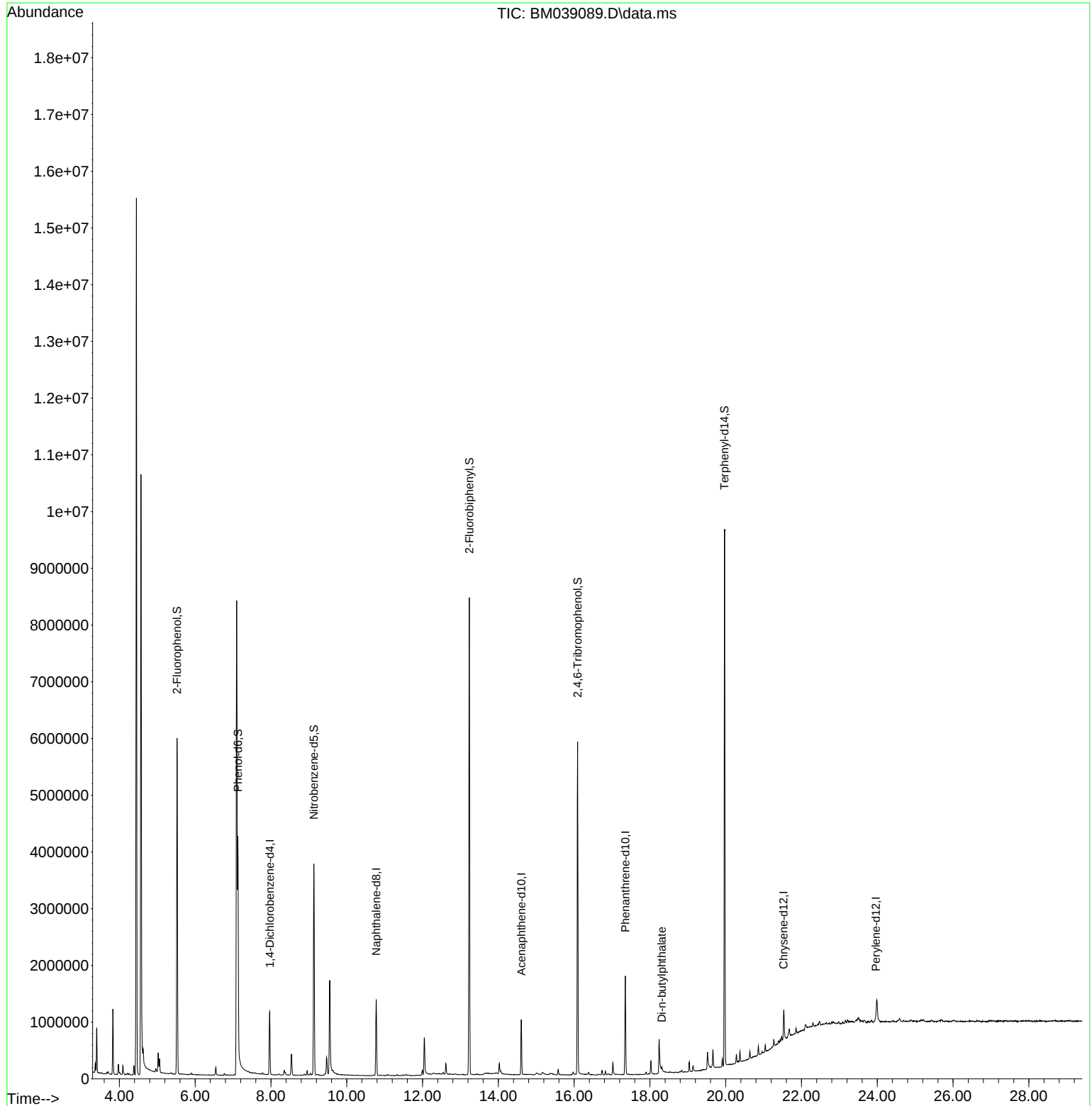
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	299986	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1103530	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	272973	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	833479	20.000	ng	0.00
76) Chrysene-d12	21.527	240	110893	20.000	ng	# 0.00
86) Perylene-d12	23.962	264	3638	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2537811	128.528	ng	0.00
7) Phenol-d6	7.128	99	1822688	71.068	ng	0.00
23) Nitrobenzene-d5	9.134	82	2140024	95.258	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	985726	312.150	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4165609	198.656	ng	0.00
79) Terphenyl-d14	19.968	244	3481053	573.933	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.315	149	43717	2.573	ng	Qvalue 98

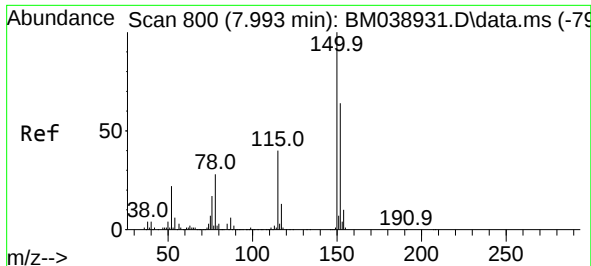
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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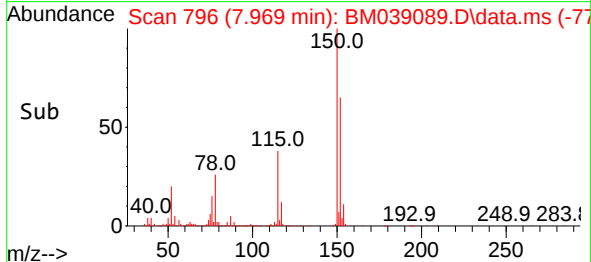
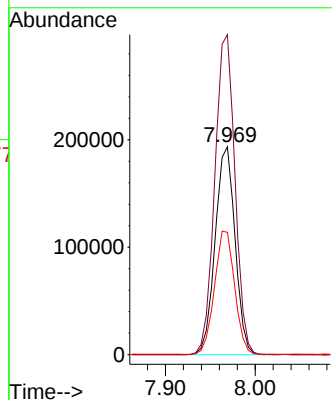
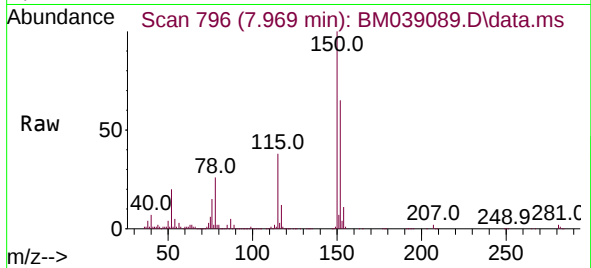




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

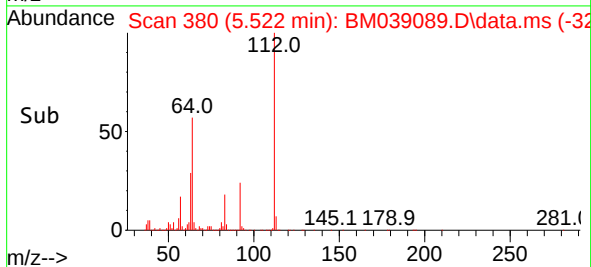
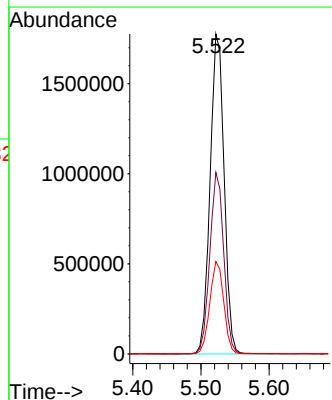
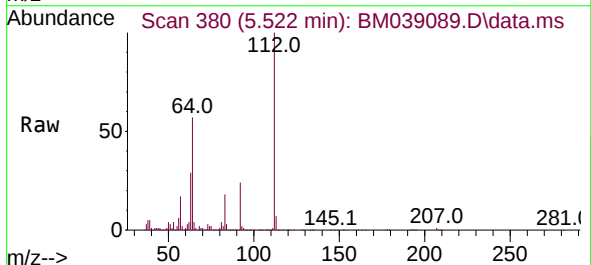
Instrument :
BNA_M
ClientSampleId :
IRV-2

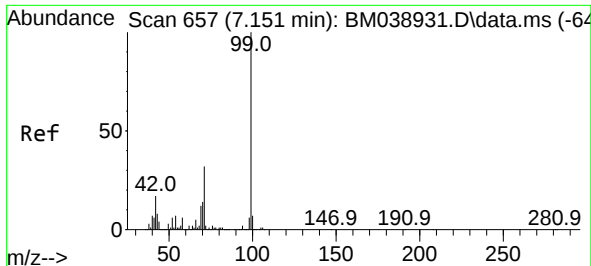
Tgt Ion:152 Resp: 299986
Ion Ratio Lower Upper
152 100
150 154.1 125.1 187.7
115 58.9 49.6 74.4



#5
2-Fluorophenol
Concen: 128.528 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

Tgt Ion:112 Resp: 2537811
Ion Ratio Lower Upper
112 100
64 56.7 45.9 68.9
63 28.9 23.8 35.8



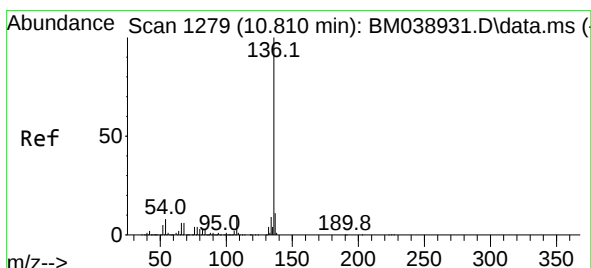
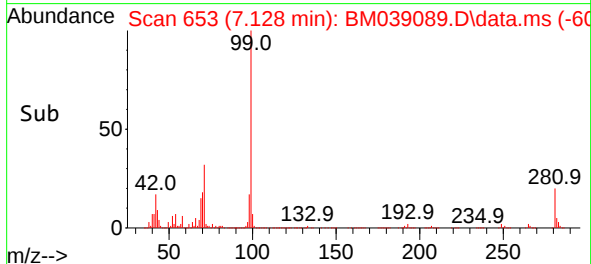
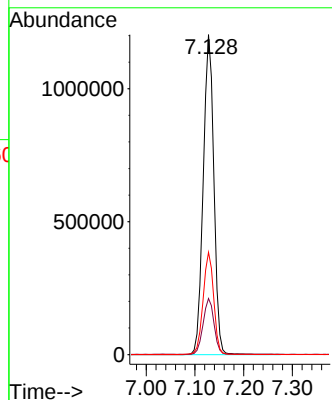
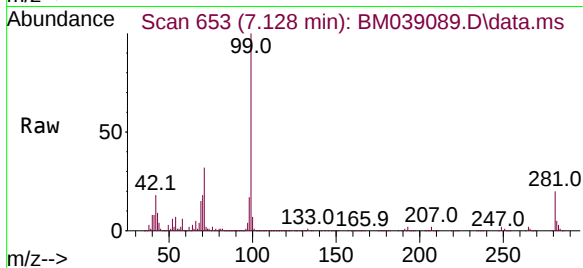


#7
Phenol-d6
Concen: 71.068 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

Instrument :
BNA_M
ClientSampleId :
IRV-2

Tgt Ion: 99 Resp: 1822688

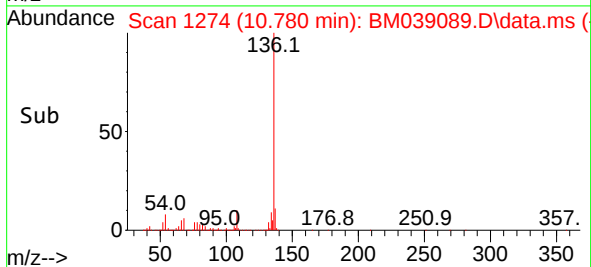
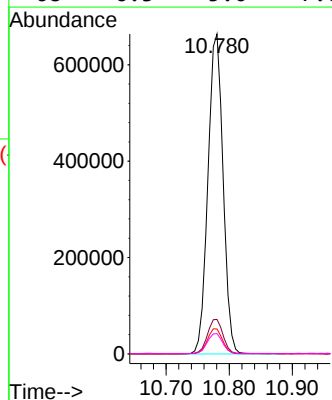
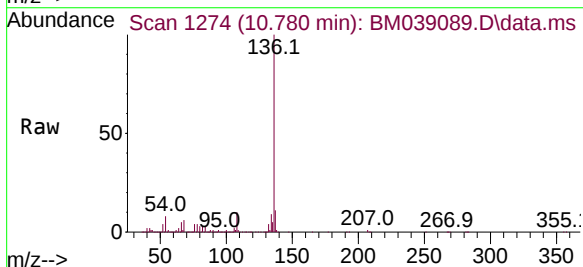
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	32.0	25.6	38.4

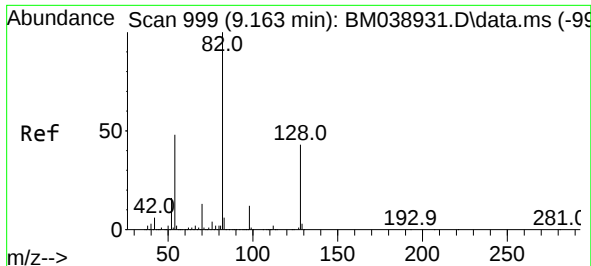


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

Tgt Ion: 136 Resp: 1103530

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.8	6.3	9.5
68	6.3	5.0	7.6



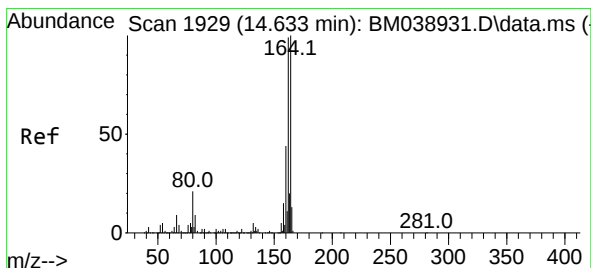
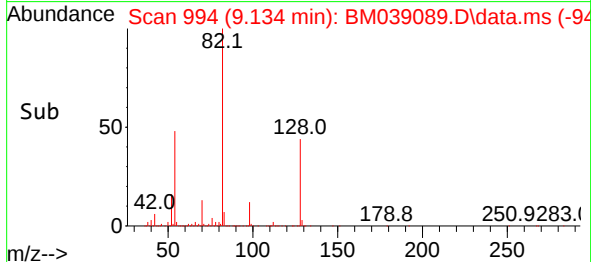
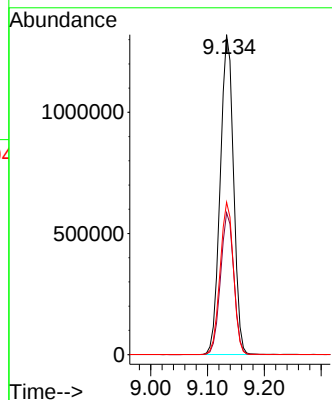
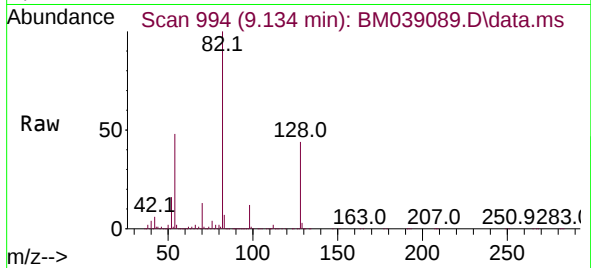


#23
Nitrobenzene-d5
Concen: 95.258 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

Instrument :
BNA_M
ClientSampleId :
IRV-2

Tgt Ion: 82 Resp: 2140024

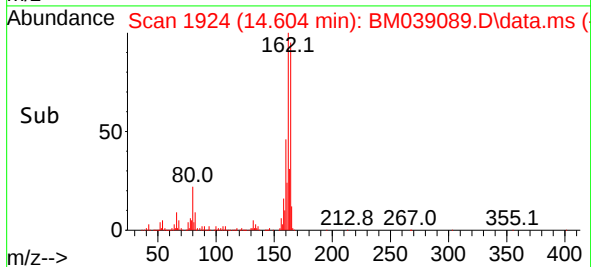
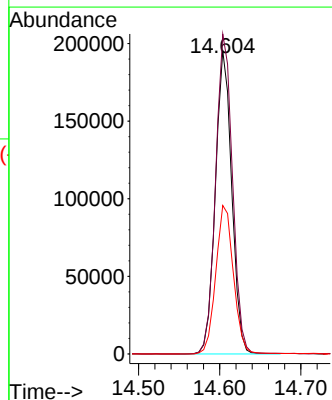
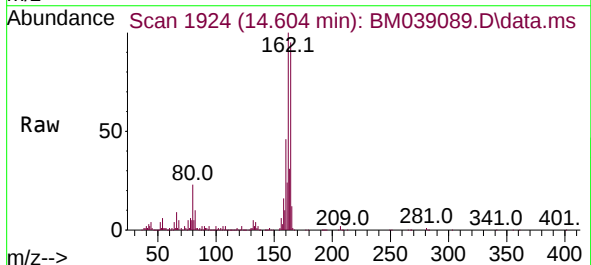
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	47.6	38.8	58.2

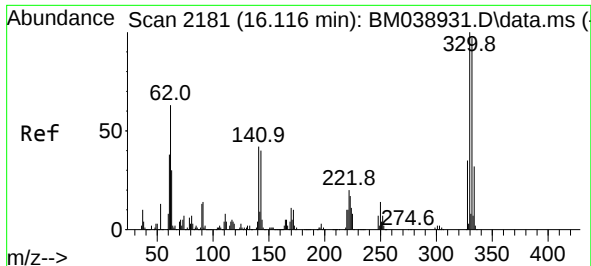


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

Tgt Ion: 164 Resp: 272973

Ion	Ratio	Lower	Upper
164	100		
162	105.6	79.2	118.8
160	49.0	35.5	53.3

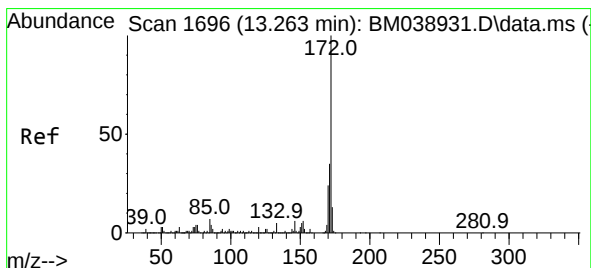
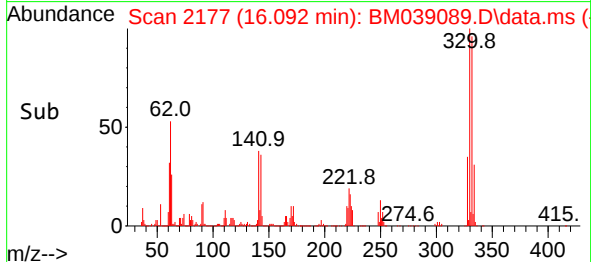
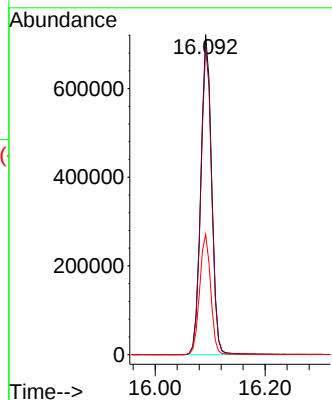
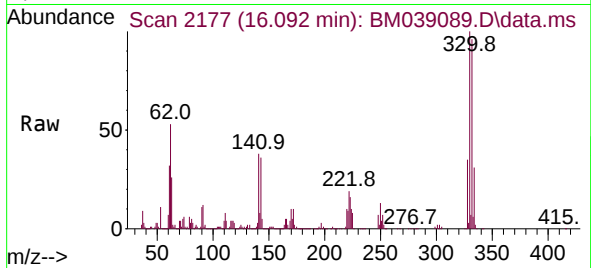




#42
2,4,6-Tribromophenol
Concen: 312.150 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

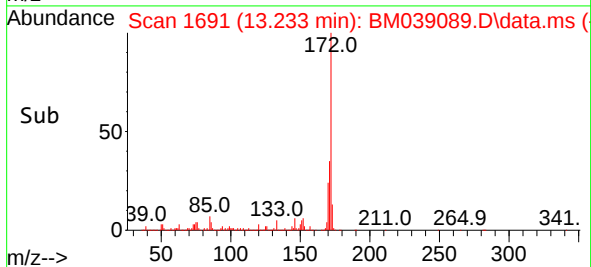
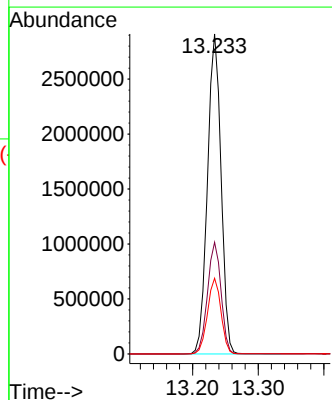
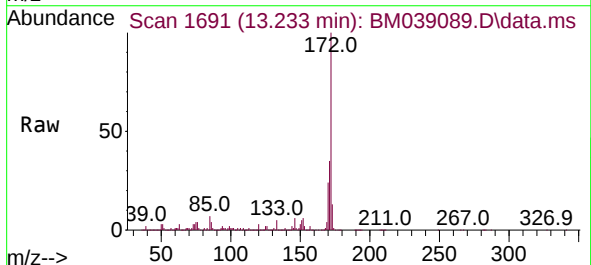
Instrument :
BNA_M
ClientSampleId :
IRV-2

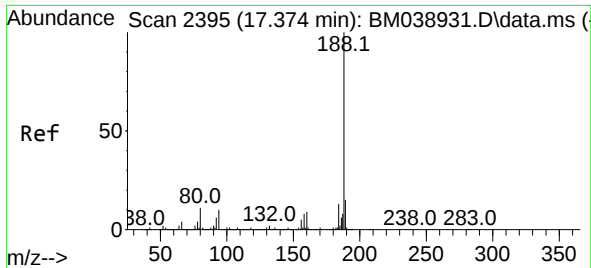
Tgt Ion:330 Resp: 985726
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 38.2 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 198.656 ng
RT: 13.233 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

Tgt Ion:172 Resp: 4165609
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.6 19.1 28.7

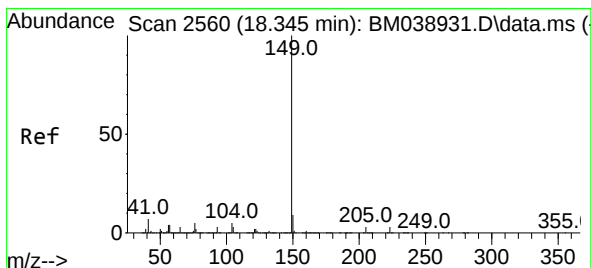
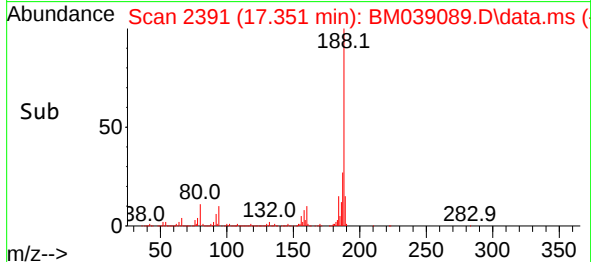
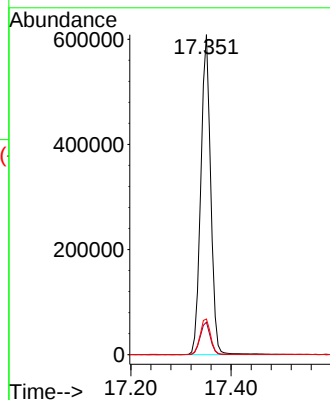
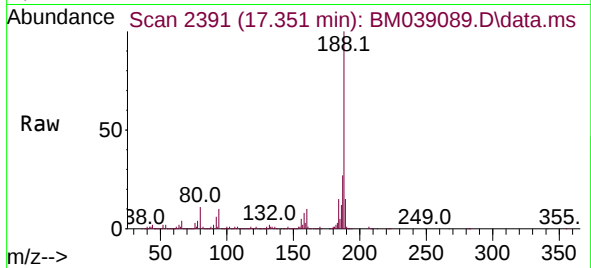




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

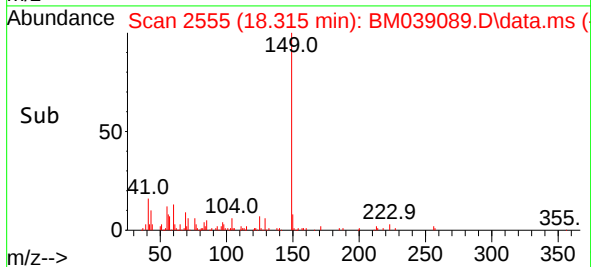
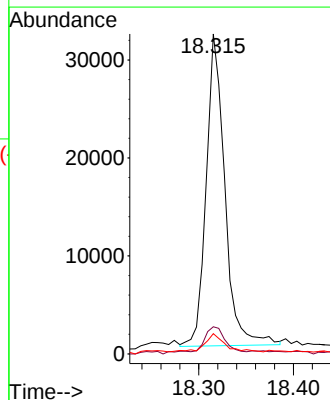
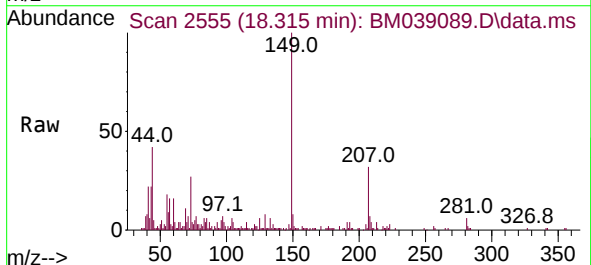
Instrument :
BNA_M
ClientSampleId :
IRV-2

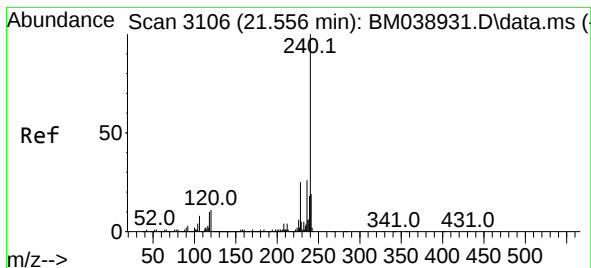
Tgt Ion:188 Resp: 833479
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.1 8.5 12.7



#74
Di-n-butylphthalate
Concen: 2.573 ng
RT: 18.315 min Scan# 2555
Delta R.T. -0.006 min
Lab File: BM039089.D
Acq: 22 Mar 2023 12:55

Tgt Ion:149 Resp: 43717
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.2
104 6.3 4.3 6.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039089.D

Acq: 22 Mar 2023 12:55

Instrument :

BNA_M

ClientSampleId :

IRV-2

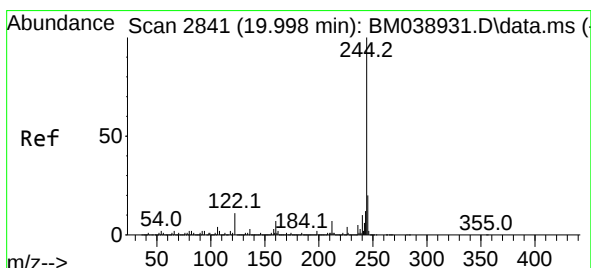
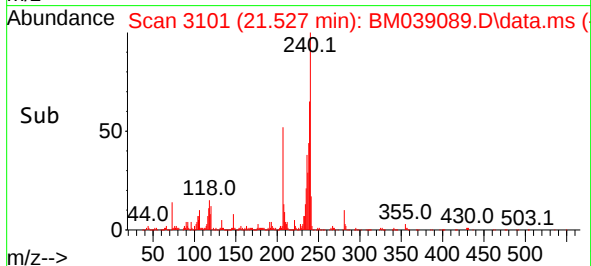
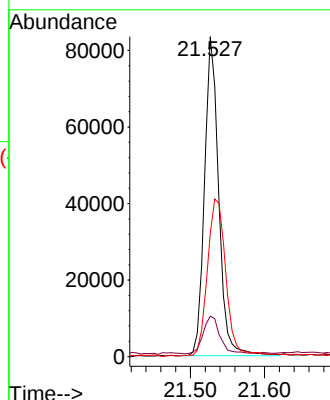
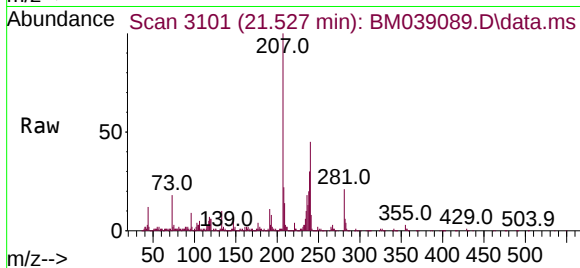
Tgt Ion:240 Resp: 110893

Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 38.5 20.8 31.2#



#79

Terphenyl-d14

Concen: 573.933 ng

RT: 19.968 min Scan# 2836

Delta R.T. -0.000 min

Lab File: BM039089.D

Acq: 22 Mar 2023 12:55

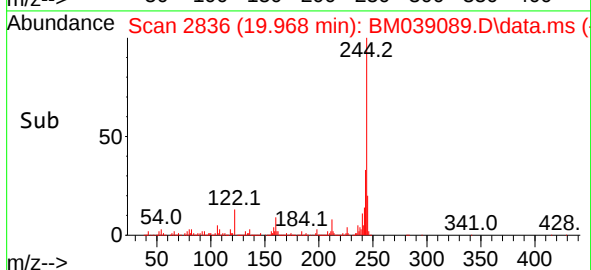
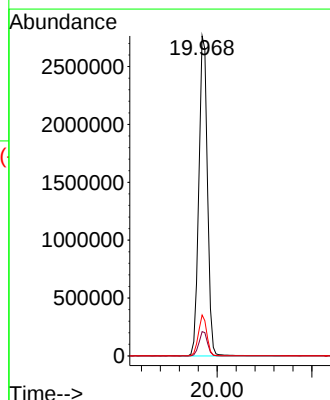
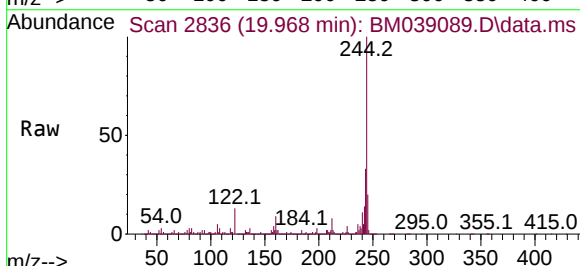
Tgt Ion:244 Resp: 3481053

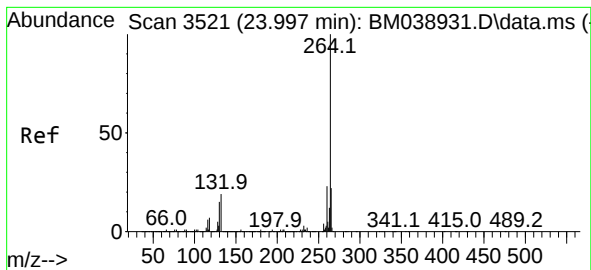
Ion Ratio Lower Upper

244 100

212 7.6 5.5 8.3

122 12.8 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039089.D

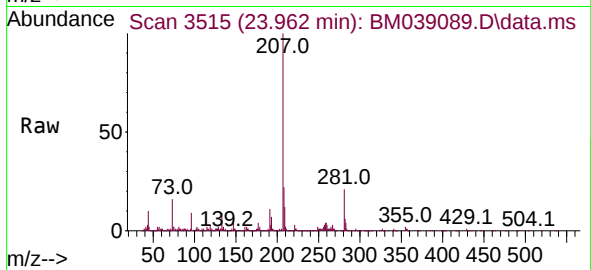
Acq: 22 Mar 2023 12:55

Instrument :

BNA_M

ClientSampleId :

IRV-2



Tgt Ion:264 Resp: 3638

Ion Ratio Lower Upper

264 100

260 413.8 18.7 28.1#

265 349.6 17.9 26.9#

