

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039073.D
 Acq On : 21 Mar 2023 17:41
 Operator : CG/JU
 Sample : 02020-41
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-A821

Quant Time: Mar 22 03:42:21 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)

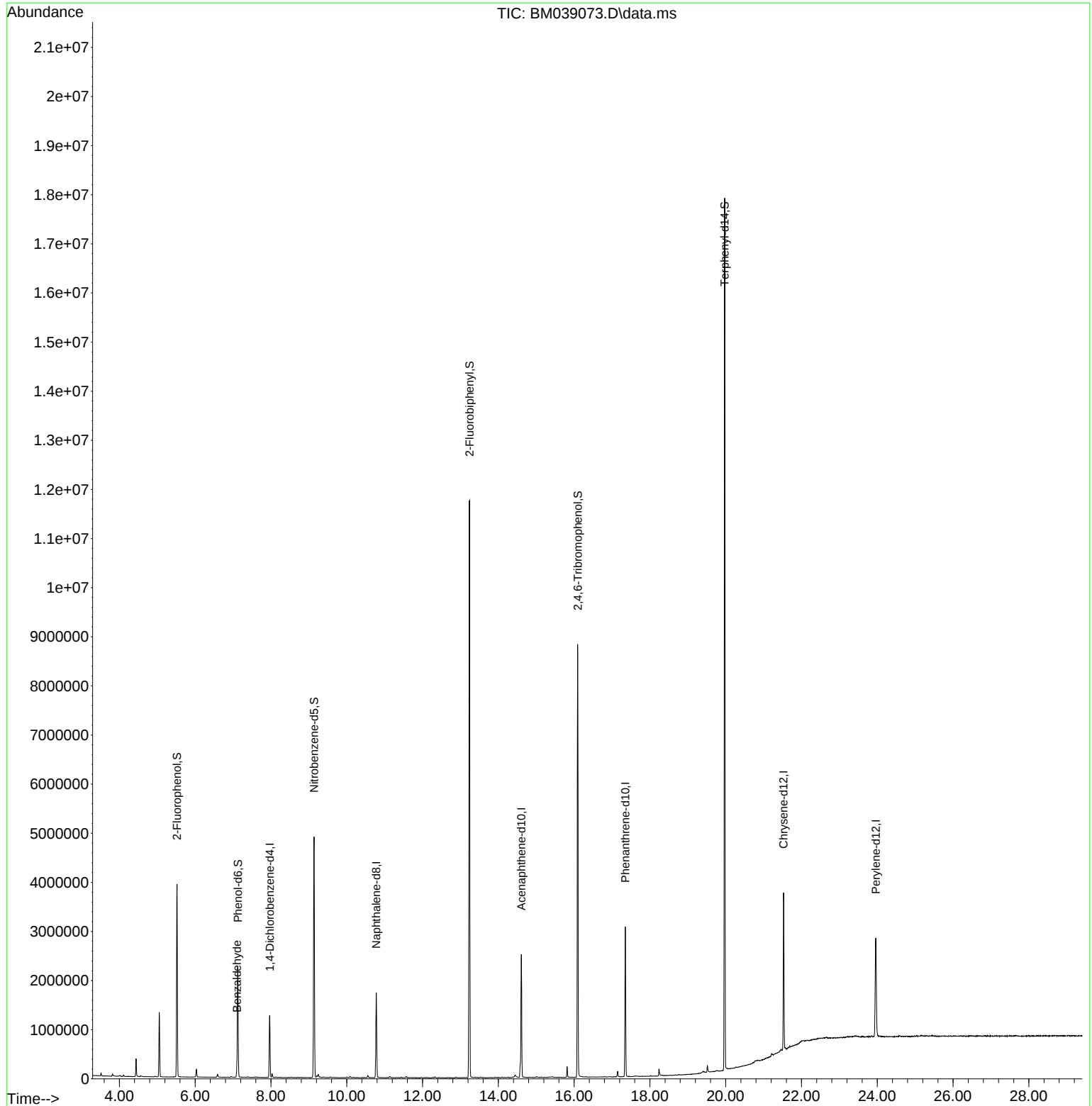
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	336655	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1386587	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	840016	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1683368	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1444987	20.000	ng	0.00
86) Perylene-d12	23.962	264	1436706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1668132	75.281	ng	0.00
7) Phenol-d6	7.128	99	1311143	45.554	ng	0.00
23) Nitrobenzene-d5	9.139	82	2807118	99.445	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1531960	157.647	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	6054926	93.835	ng	0.00
79) Terphenyl-d14	19.974	244	8087192	102.327	ng	0.00
Target Compounds						
9) Benzaldehyde	7.104	77	50028	3.653	ng	Qvalue 98

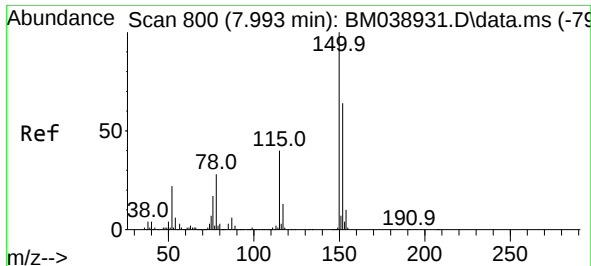
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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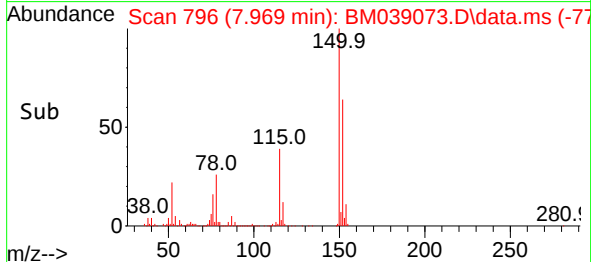
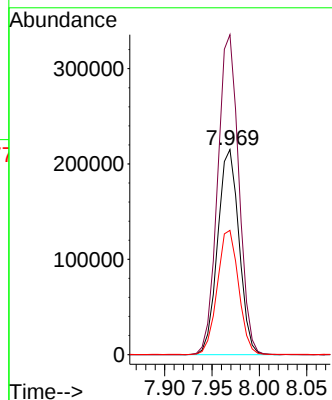
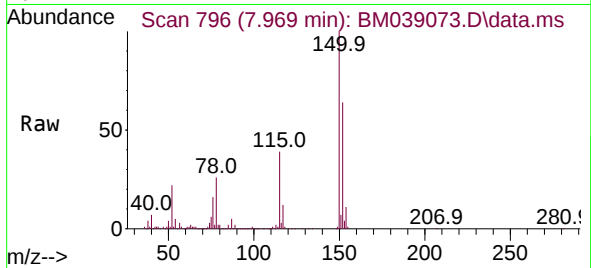




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039073.D
Acq: 21 Mar 2023 17:41

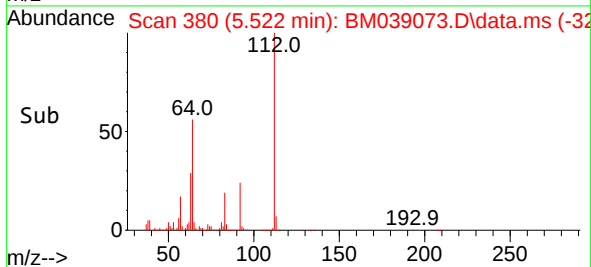
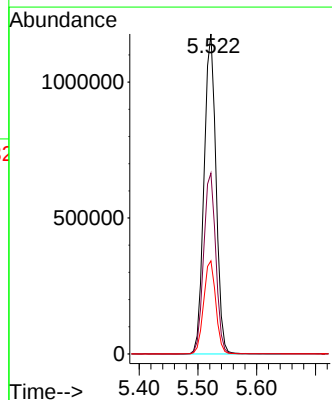
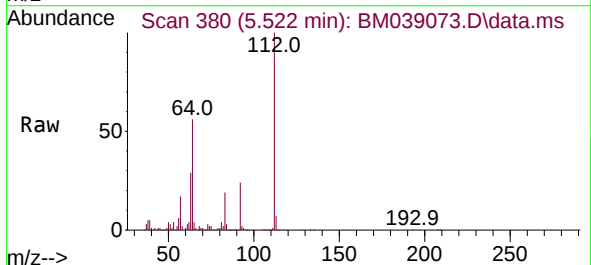
Instrument :
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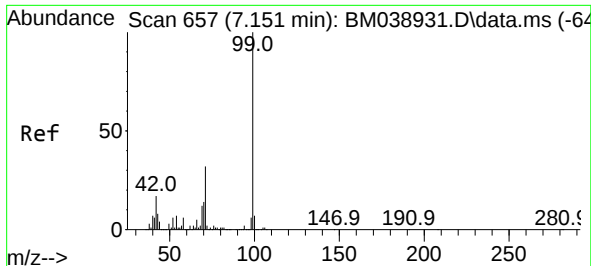
Tgt Ion:152 Resp: 336655
Ion Ratio Lower Upper
152 100
150 156.0 125.1 187.7
115 60.6 49.6 74.4



#5
2-Fluorophenol
Concen: 75.281 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039073.D
Acq: 21 Mar 2023 17:41

Tgt Ion:112 Resp: 1668132
Ion Ratio Lower Upper
112 100
64 56.5 45.9 68.9
63 29.1 23.8 35.8

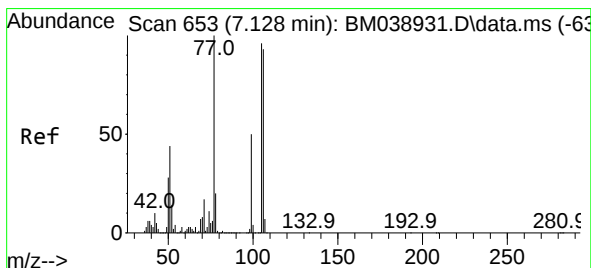
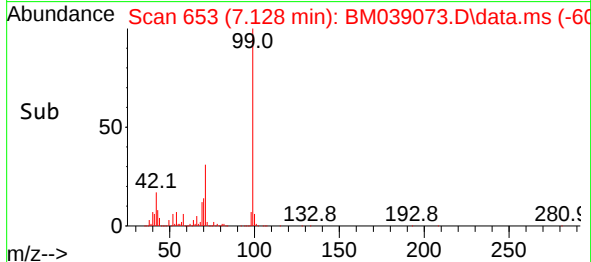
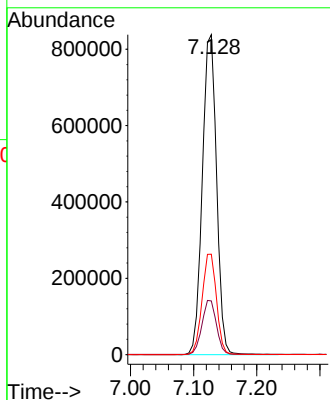
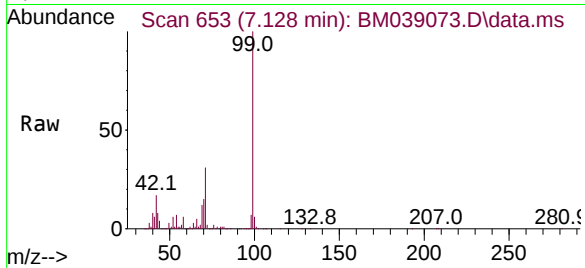




#7
Phenol-d6
Concen: 45.554 ng
RT: 7.128 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM039073.D
Acq: 21 Mar 2023 17:41

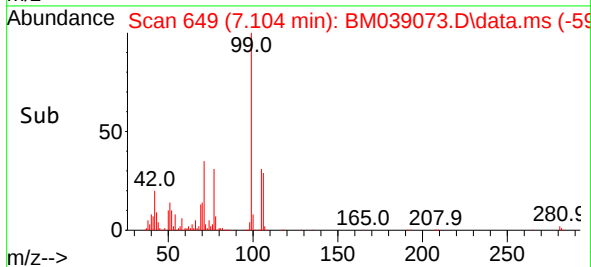
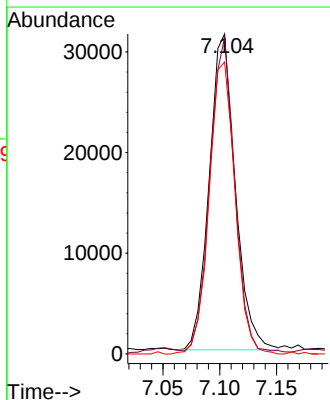
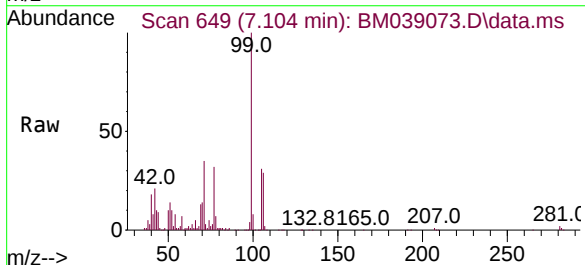
Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-A821

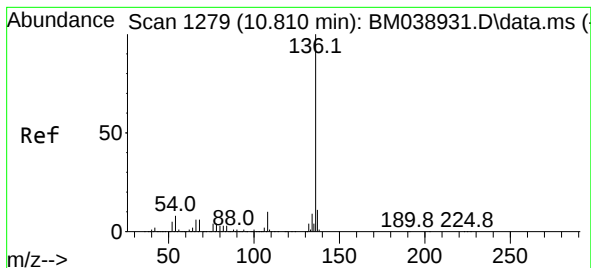
Tgt Ion: 99 Resp: 1311143
Ion Ratio Lower Upper
99 100
42 16.8 13.5 20.3
71 31.4 25.6 38.4



#9
Benzaldehyde
Concen: 3.653 ng
RT: 7.104 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM039073.D
Acq: 21 Mar 2023 17:41

Tgt Ion: 77 Resp: 50028
Ion Ratio Lower Upper
77 100
105 99.0 75.8 115.8
106 91.2 72.6 112.6

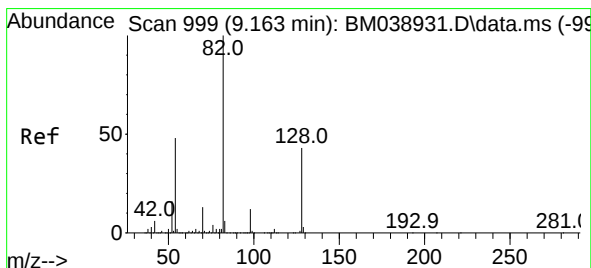
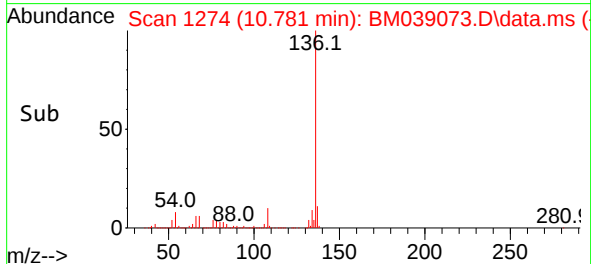
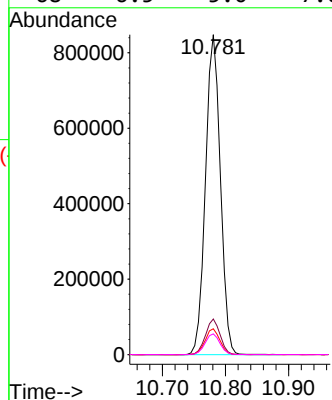
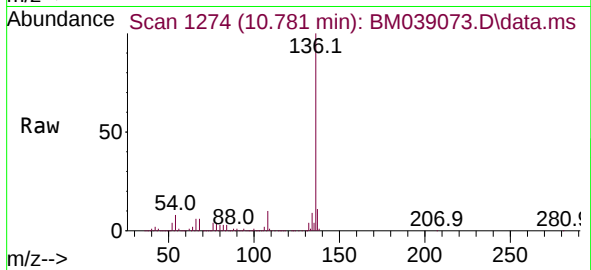




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM039073.D
Acq: 21 Mar 2023 17:41

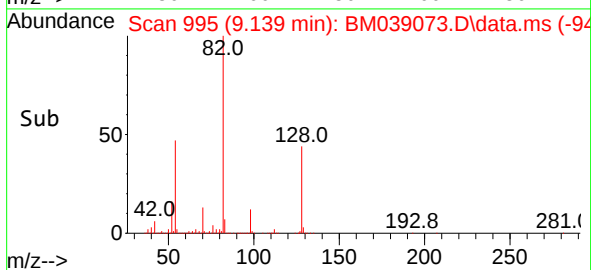
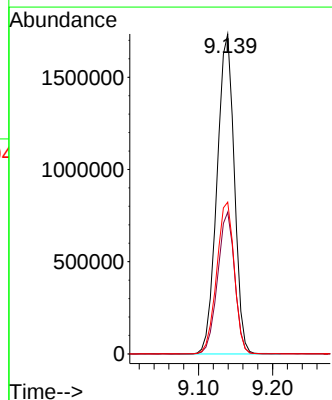
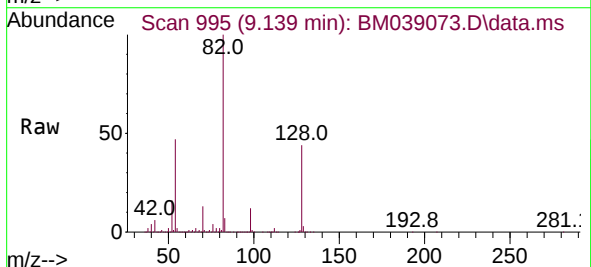
Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-A821

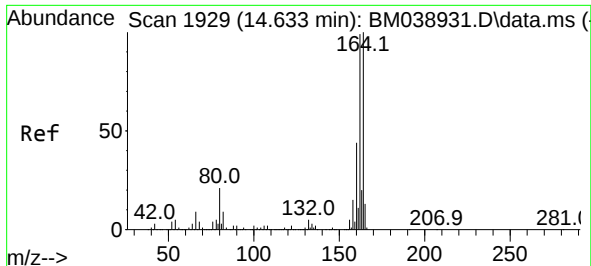
Tgt Ion:136 Resp: 1386587
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.1 6.3 9.5
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 99.445 ng
RT: 9.139 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM039073.D
Acq: 21 Mar 2023 17:41

Tgt Ion: 82 Resp: 2807118
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 47.4 38.8 58.2

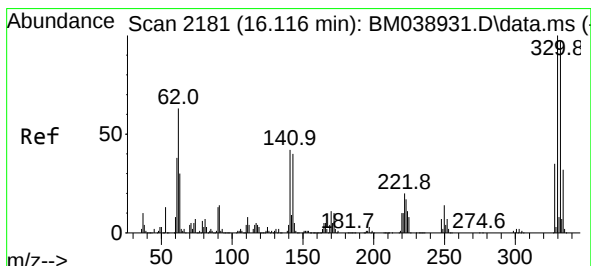
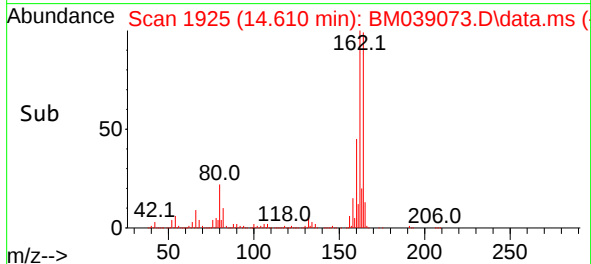
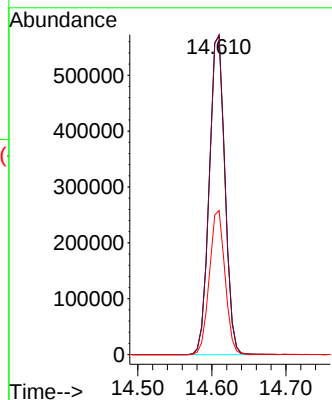
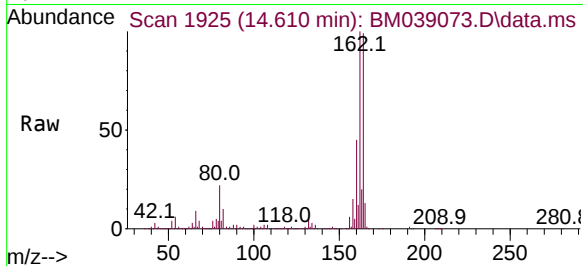




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM039073.D
Acq: 21 Mar 2023 17:41

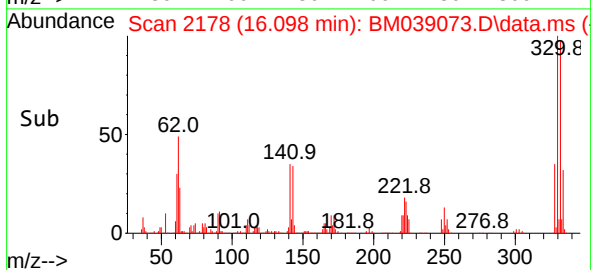
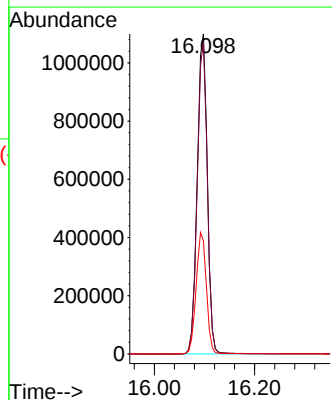
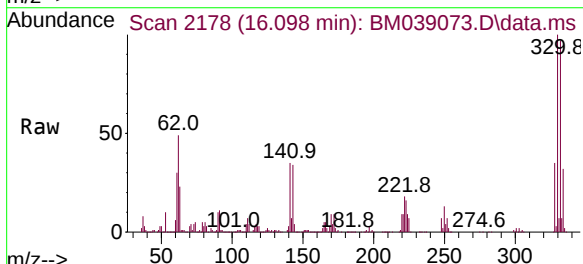
Instrument :
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ClientSampleId :
FRAC-TANK-A821

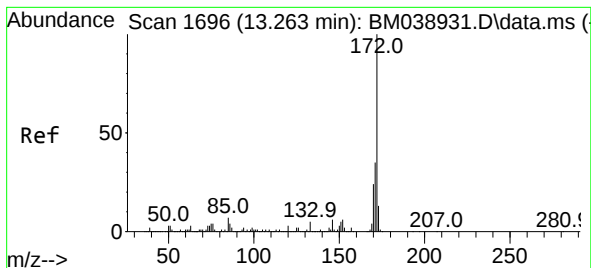
Tgt Ion:164 Resp: 840016
Ion Ratio Lower Upper
164 100
162 100.5 79.2 118.8
160 45.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 157.647 ng
RT: 16.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039073.D
Acq: 21 Mar 2023 17:41

Tgt Ion:330 Resp: 1531960
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 38.7 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 93.835 ng

RT: 13.239 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BM039073.D

Acq: 21 Mar 2023 17:41

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-A821

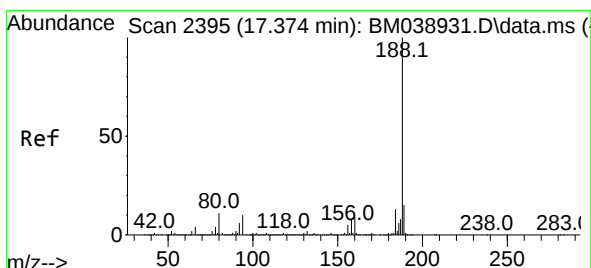
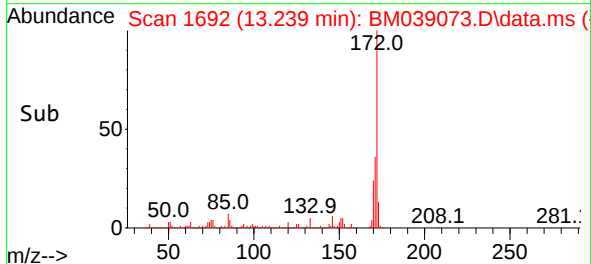
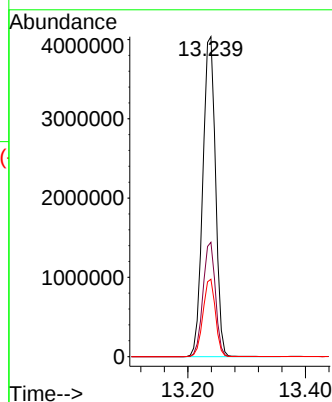
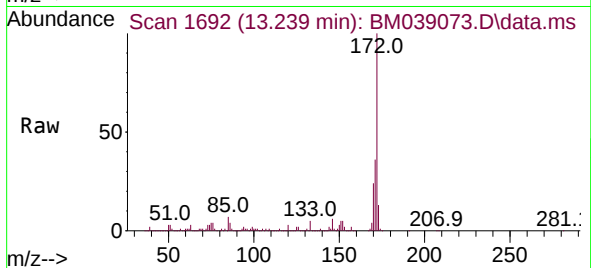
Tgt Ion:172 Resp: 6054926

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.2 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: BM039073.D

Acq: 21 Mar 2023 17:41

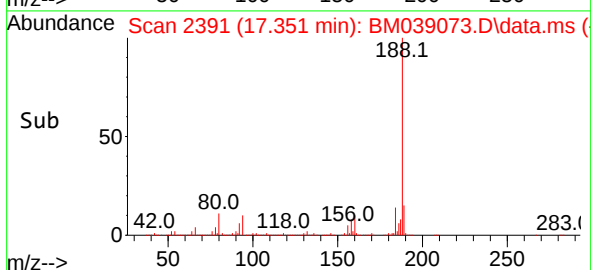
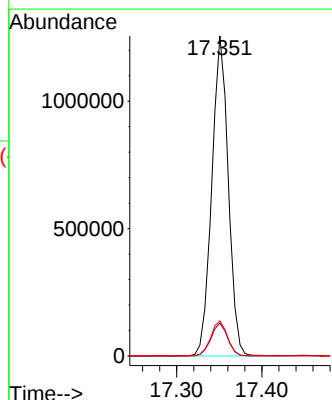
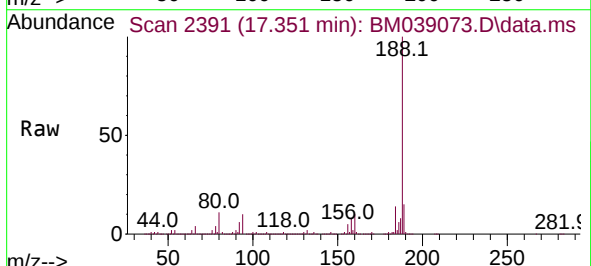
Tgt Ion:188 Resp: 1683368

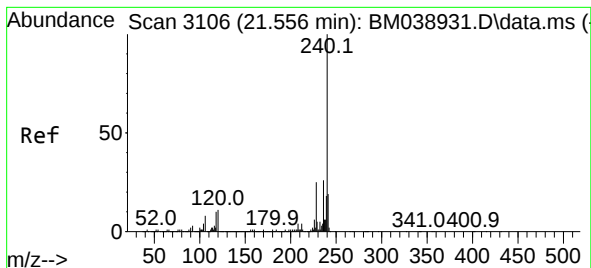
Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.0 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039073.D

Acq: 21 Mar 2023 17:41

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-A821

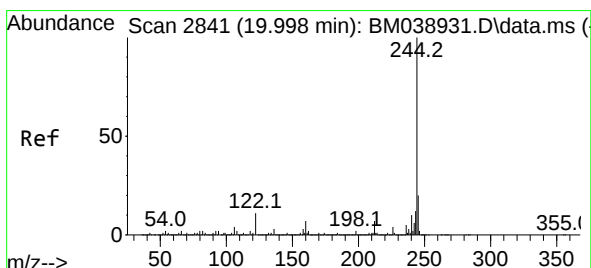
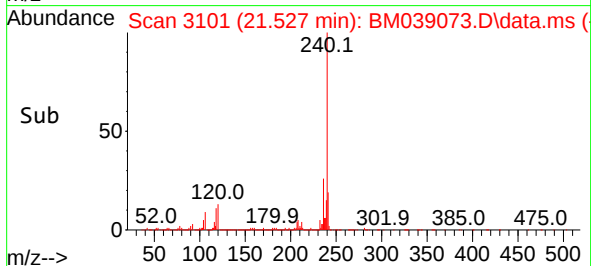
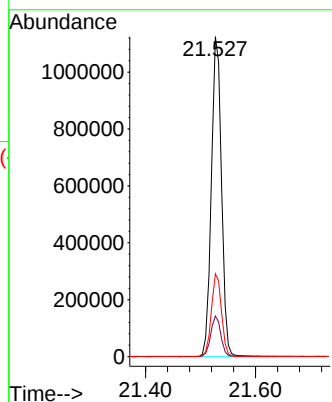
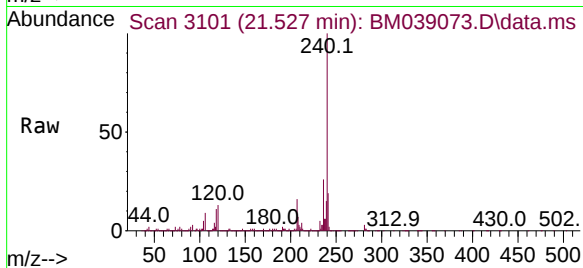
Tgt Ion:240 Resp: 1444987

Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 25.9 20.8 31.2



#79

Terphenyl-d14

Concen: 102.327 ng

RT: 19.974 min Scan# 2837

Delta R.T. 0.006 min

Lab File: BM039073.D

Acq: 21 Mar 2023 17:41

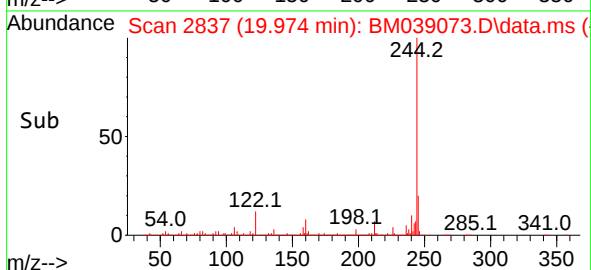
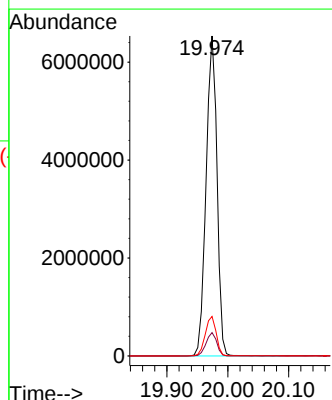
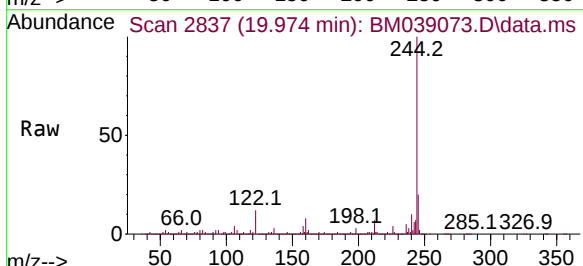
Tgt Ion:244 Resp: 8087192

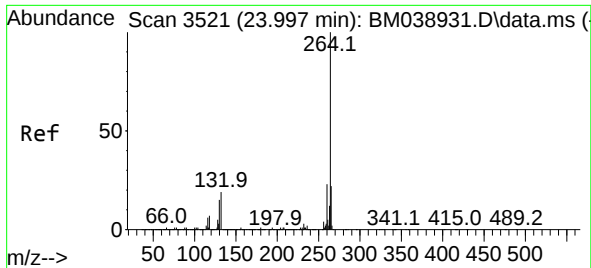
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 12.4 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: BM039073.D
Acq: 21 Mar 2023 17:41

Instrument :
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Tgt Ion:264 Resp: 1436706

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.9	26.9

