

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039188.D
 Acq On : 28 Mar 2023 20:22
 Operator : CG/JU
 Sample : 02106-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-238

Quant Time: Mar 29 01:32:15 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 29 01:28:31 2023
 Response via : Initial Calibration

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

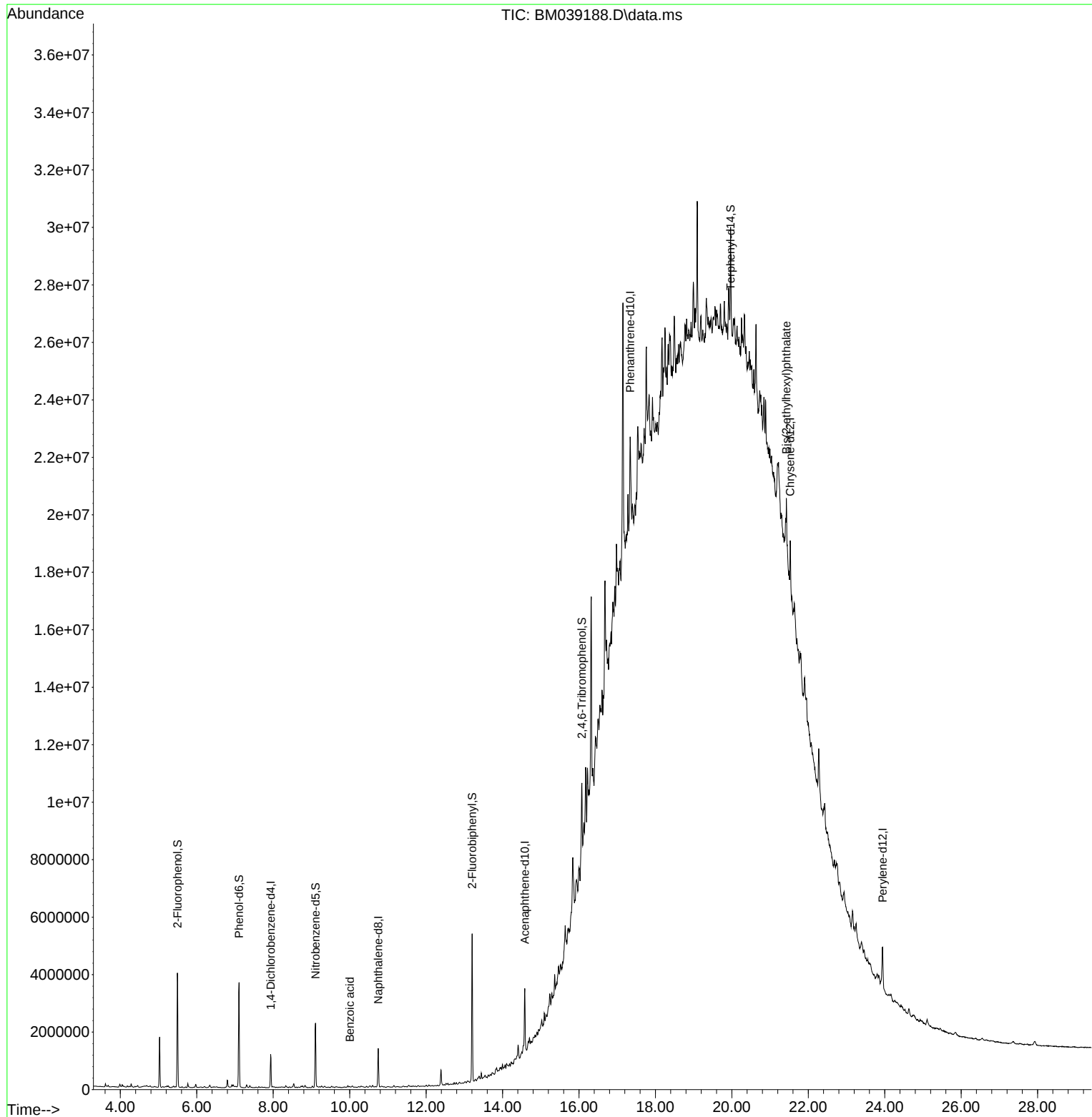
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	291444	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1091840	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	625028	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1028225	20.000	ng	# 0.01
76) Chrysene-d12	21.527	240	912186	20.000	ng	# 0.02
86) Perylene-d12	23.944	264	1043275	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1688706	88.032	ng	0.00
7) Phenol-d6	7.104	99	2089073	83.842	ng	0.00
23) Nitrobenzene-d5	9.104	82	1259062	56.644	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	621563	85.963	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	2510855	52.296	ng	0.00
79) Terphenyl-d14	19.968	244	2541323	50.937	ng	0.02
Target Compounds						
32) Benzoic acid	10.004	122	13142	6.618	ng	Qvalue 91
84) Bis(2-ethylhexyl)phtha...	21.427	149	450422	12.625	ng	# 93

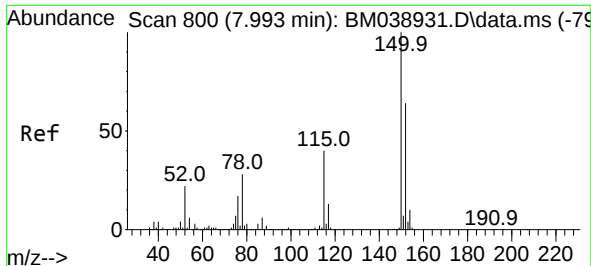
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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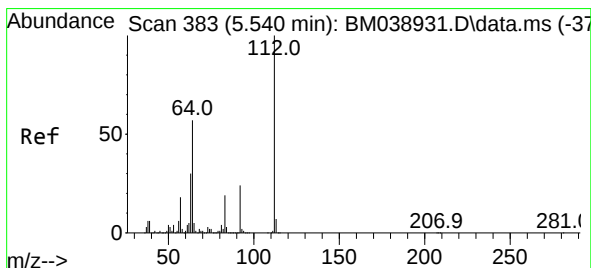
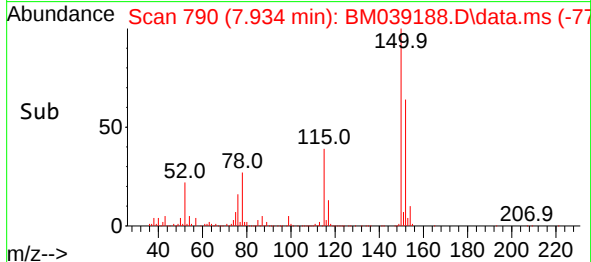
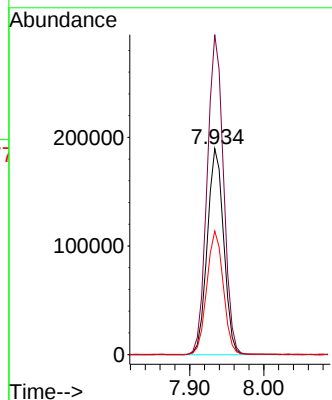
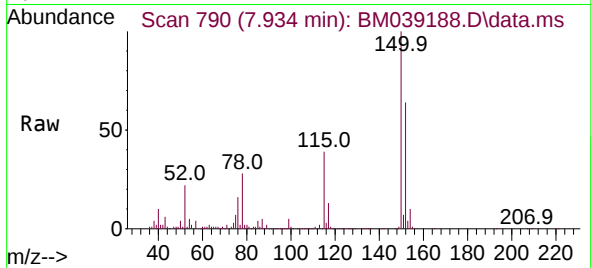




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

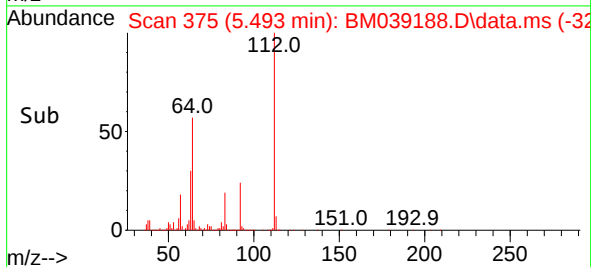
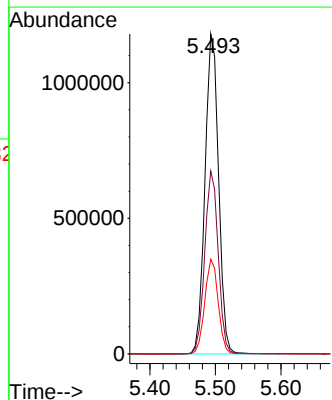
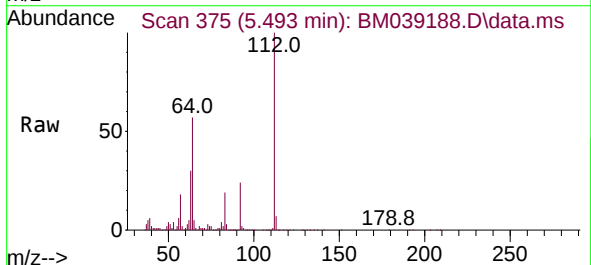
Instrument :
BNA_M
ClientSampleId :
VNJ-238

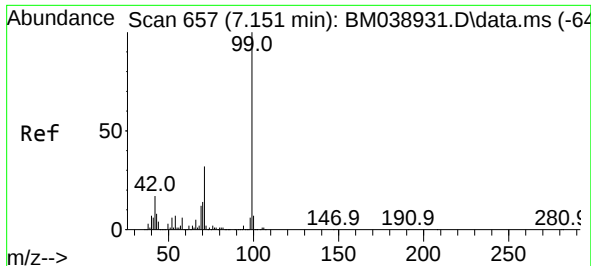
Tgt Ion:152 Resp: 291444
Ion Ratio Lower Upper
152 100
150 155.3 125.1 187.7
115 60.0 49.6 74.4



#5
2-Fluorophenol
Concen: 88.032 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.006 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

Tgt Ion:112 Resp: 1688706
Ion Ratio Lower Upper
112 100
64 57.1 45.9 68.9
63 29.6 23.8 35.8

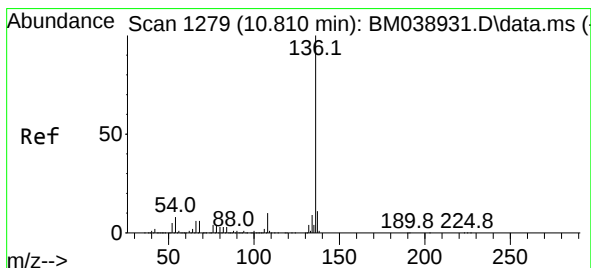
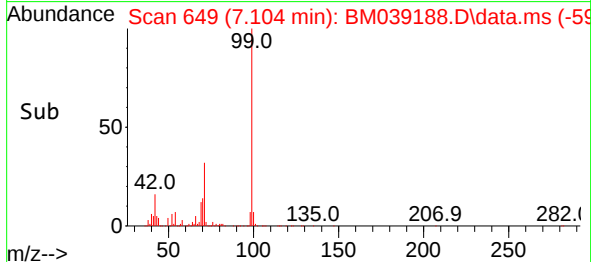
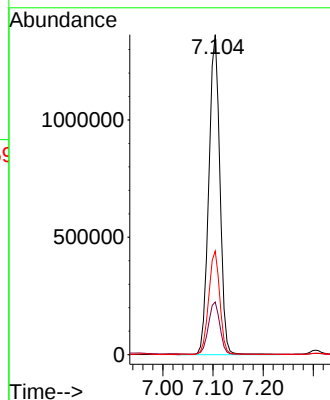
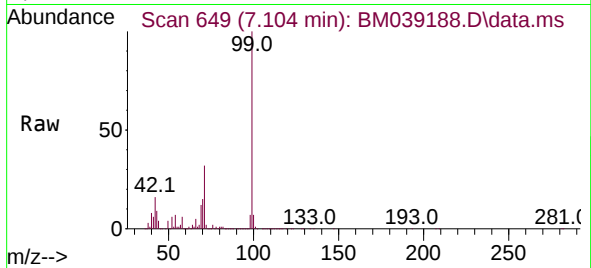




#7
Phenol-d6
Concen: 83.842 ng
RT: 7.104 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

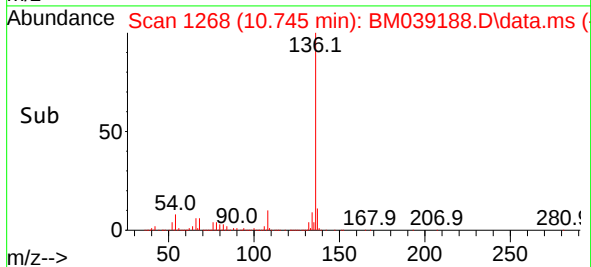
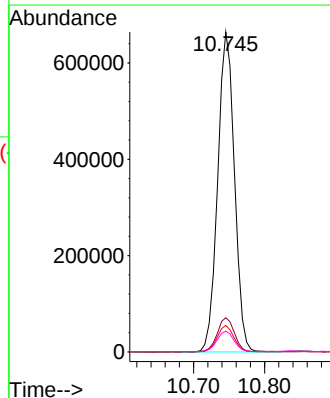
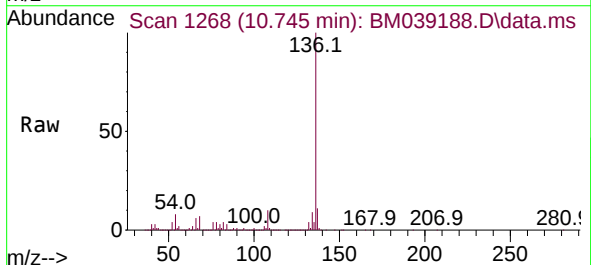
Instrument :
BNA_M
ClientSampleId :
VNJ-238

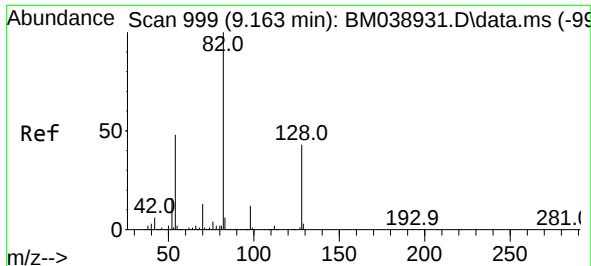
Tgt Ion: 99 Resp: 2089073
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

Tgt Ion: 136 Resp: 1091840
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.3 6.3 9.5
68 6.5 5.0 7.6

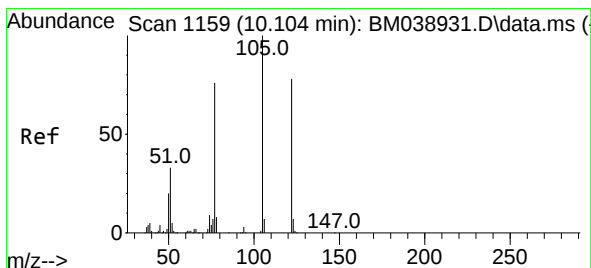
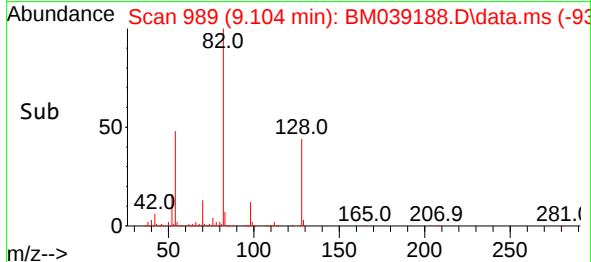
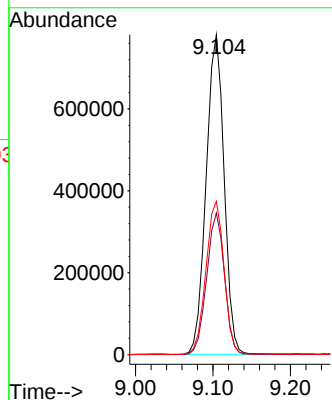
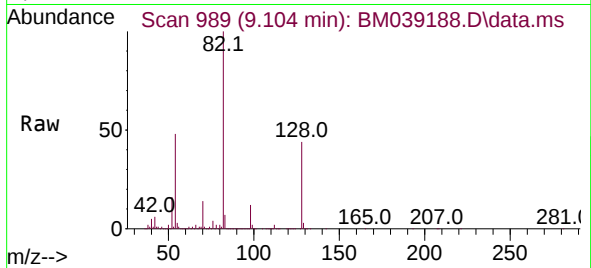




#23
Nitrobenzene-d5
Concen: 56.644 ng
RT: 9.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

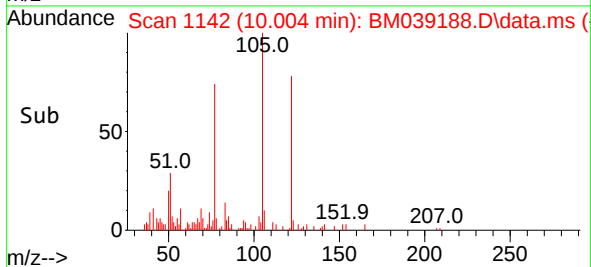
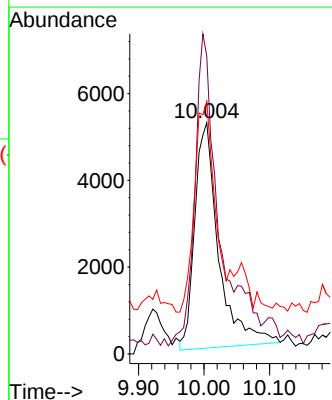
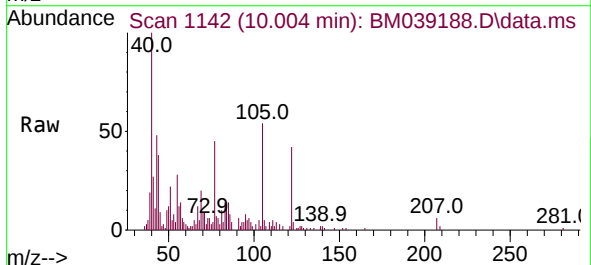
Instrument :
BNA_M
ClientSampleId :
VNJ-238

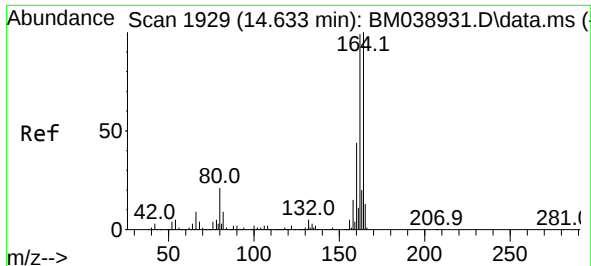
Tgt Ion: 82 Resp: 1259062
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 47.9 38.8 58.2



#32
Benzoic acid
Concen: 6.618 ng
RT: 10.004 min Scan# 1142
Delta R.T. -0.094 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

Tgt Ion: 122 Resp: 13142
Ion Ratio Lower Upper
122 100
105 128.9 104.2 144.2
77 109.3 75.1 115.1

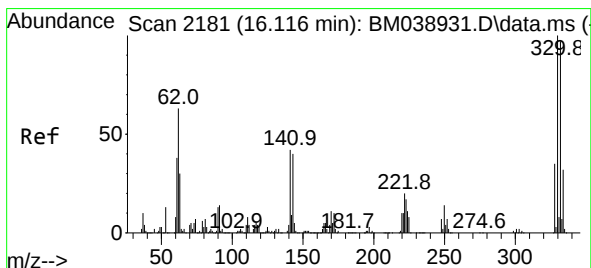
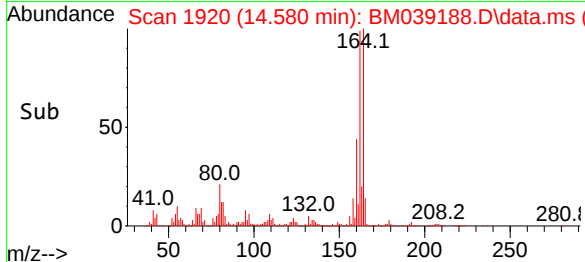
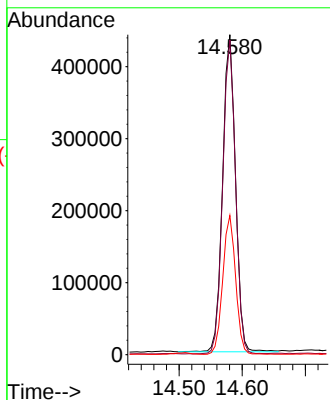
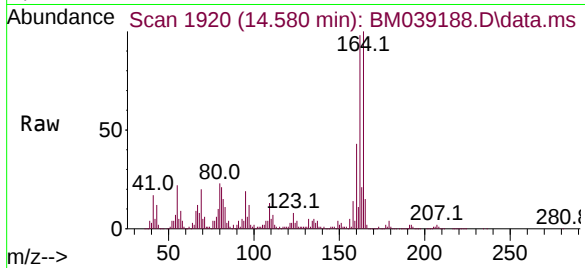




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

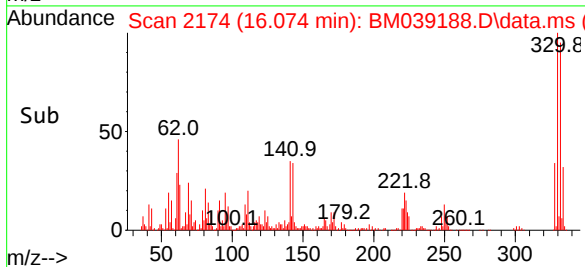
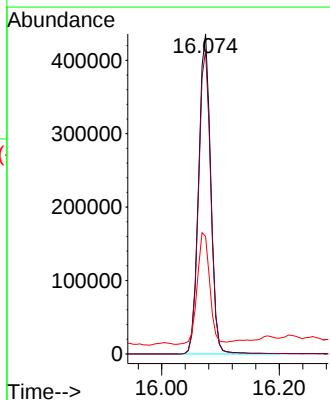
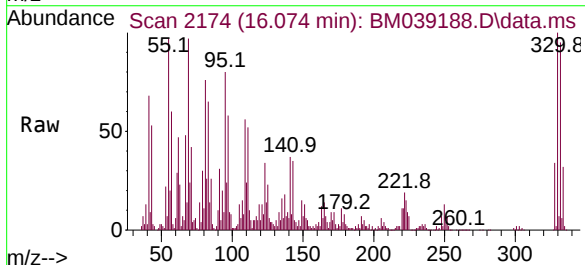
Instrument :
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ClientSampleId :
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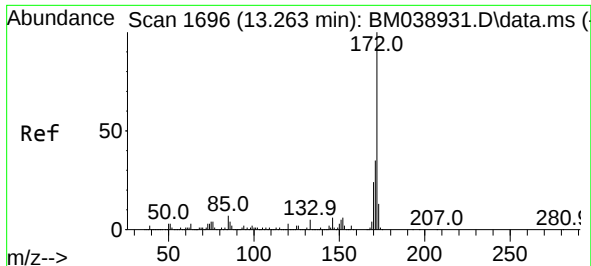
Tgt Ion:164 Resp: 625028
Ion Ratio Lower Upper
164 100
162 98.3 79.2 118.8
160 43.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 85.963 ng
RT: 16.074 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

Tgt Ion:330 Resp: 621563
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 35.9 32.2 48.4

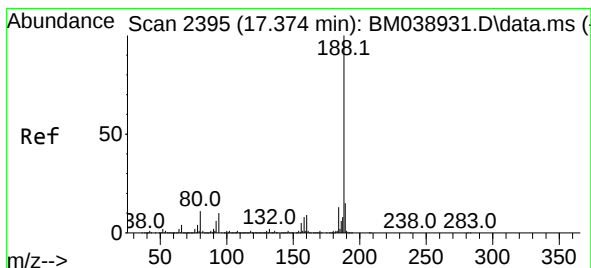
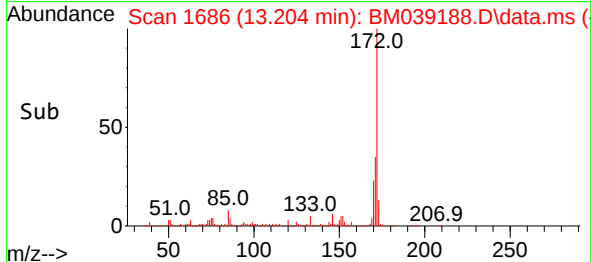
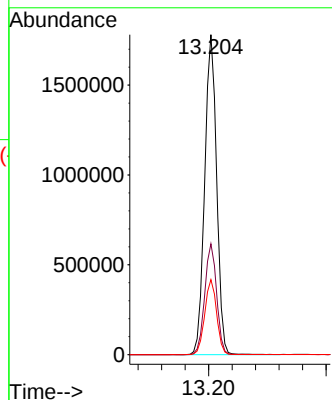
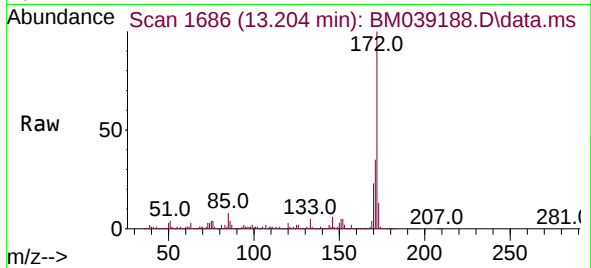




#45
2-Fluorobiphenyl
Concen: 52.296 ng
RT: 13.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

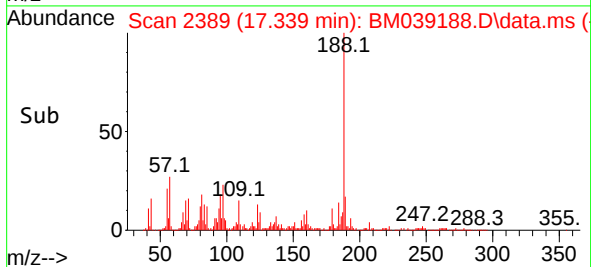
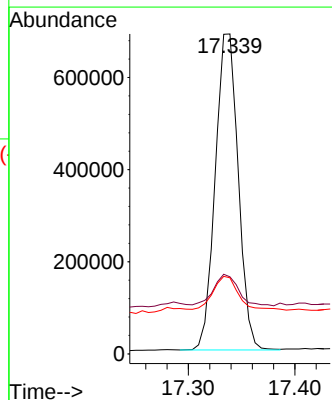
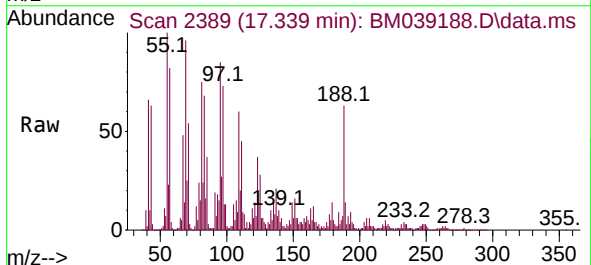
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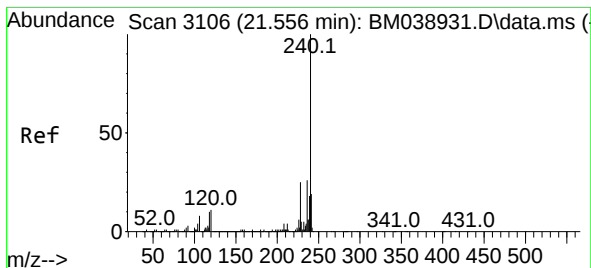
Tgt Ion:172 Resp: 2510855
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.4 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. 0.012 min
Lab File: BM039188.D
Acq: 28 Mar 2023 20:22

Tgt Ion:188 Resp: 1028225
Ion Ratio Lower Upper
188 100
94 24.1 7.9 11.9#
80 23.8 8.5 12.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 31

Delta R.T. 0.018 min

Lab File: BM039188.D

Acq: 28 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

VNJ-238

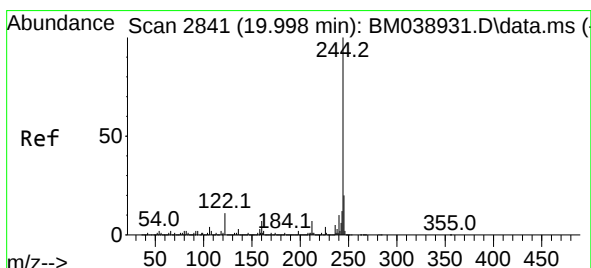
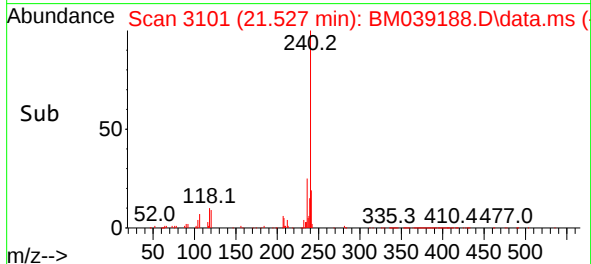
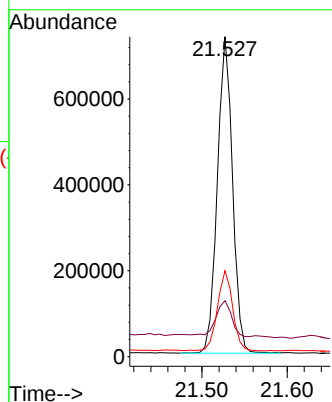
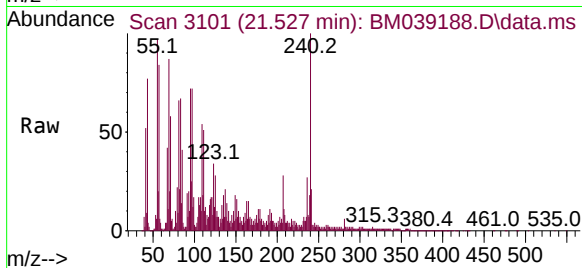
Tgt Ion:240 Resp: 912186

Ion Ratio Lower Upper

240 100

120 17.5 9.2 13.8#

236 26.8 20.8 31.2



#79

Terphenyl-d14

Concen: 50.937 ng

RT: 19.968 min Scan# 2836

Delta R.T. 0.018 min

Lab File: BM039188.D

Acq: 28 Mar 2023 20:22

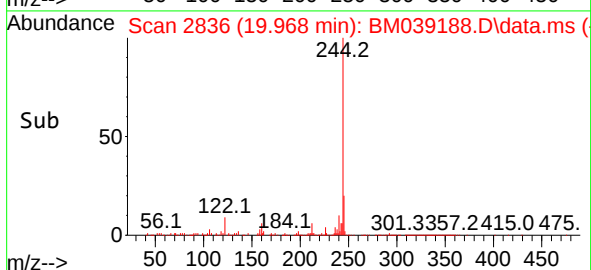
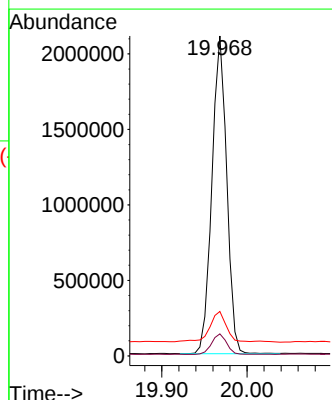
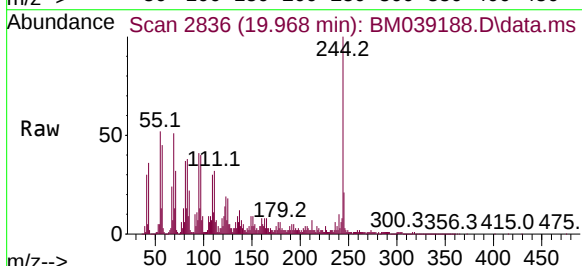
Tgt Ion:244 Resp: 2541323

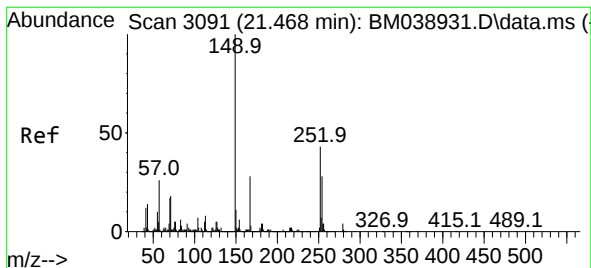
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 13.9 9.0 13.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.625 ng

RT: 21.427 min Scan# 30

Delta R.T. 0.012 min

Lab File: BM039188.D

Acq: 28 Mar 2023 20:22

Instrument :

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ClientSampleId :

VNJ-238

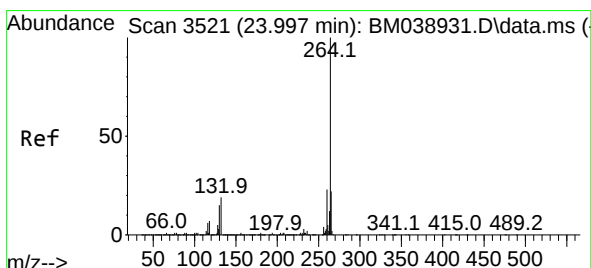
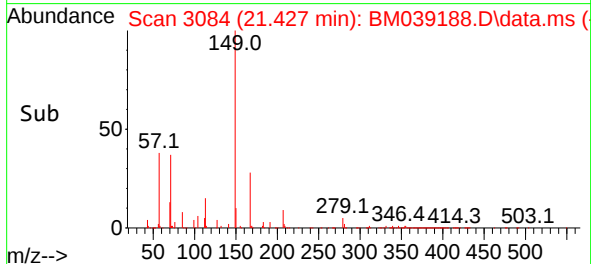
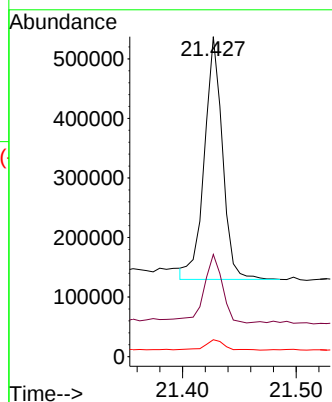
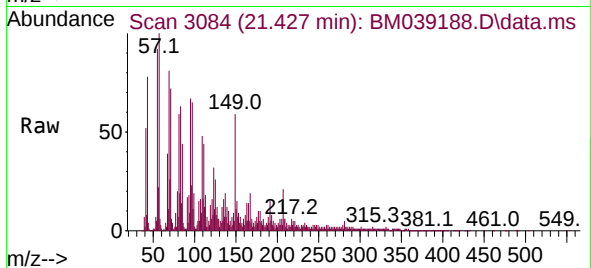
Tgt Ion:149 Resp: 450422

Ion Ratio Lower Upper

149 100

167 31.9 22.3 33.5

279 5.3 3.2 4.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3512

Delta R.T. 0.018 min

Lab File: BM039188.D

Acq: 28 Mar 2023 20:22

Tgt Ion:264 Resp: 1043275

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.7 17.9 26.9

