

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035373.D
 Acq On : 02 Jun 2022 21:41
 Operator : CG/JU
 Sample : N3108-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NP-2

Quant Time: Jun 03 01:43:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

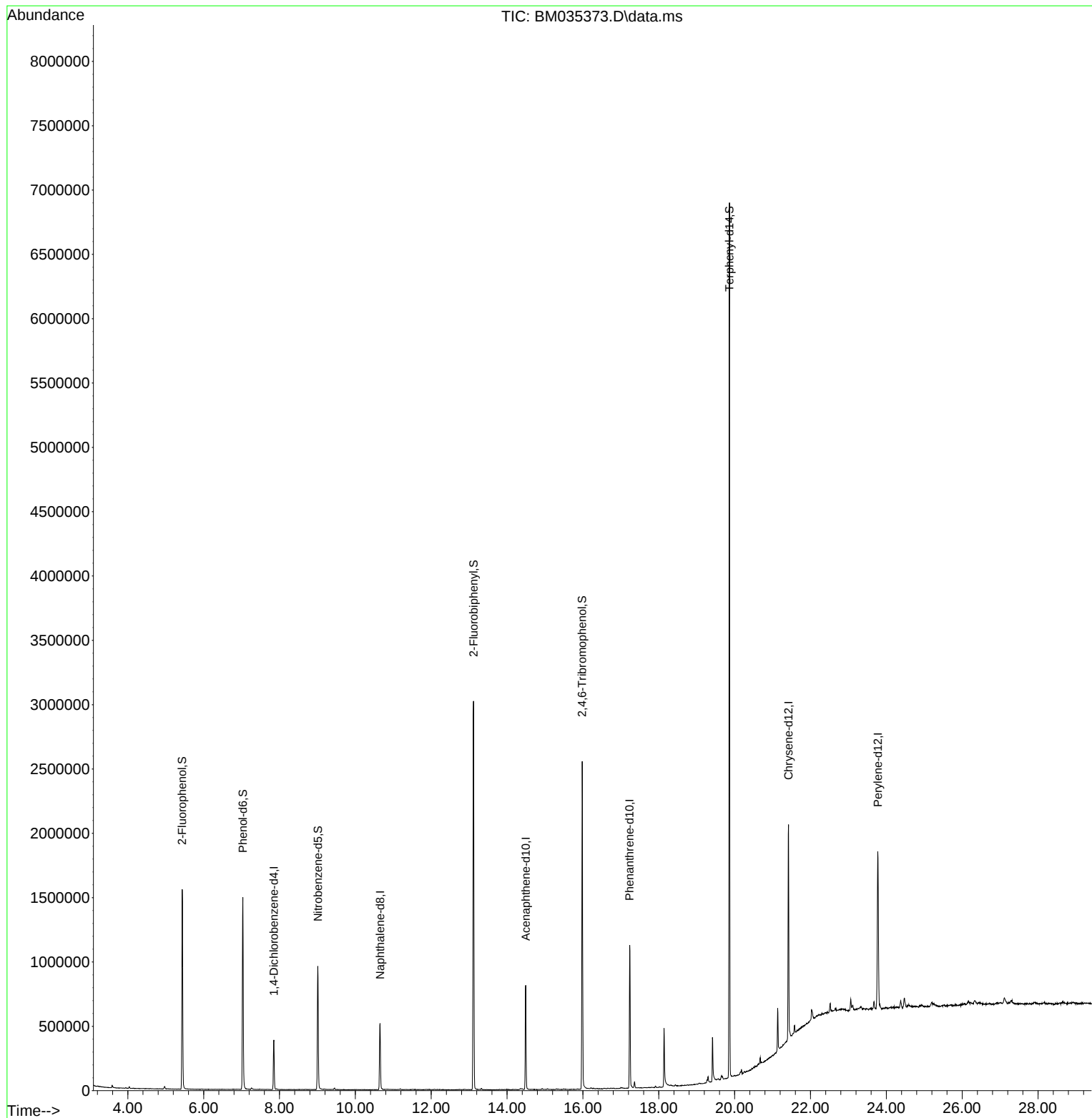
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	121249	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	474689	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	301393	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	724030	20.000	ng	-0.01
76) Chrysene-d12	21.421	240	859673	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	947171	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	731080	126.701	ng	0.00
7) Phenol-d6	7.034	99	922312	117.018	ng	0.00
23) Nitrobenzene-d5	9.010	82	564697	75.536	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	588129	121.621	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1733550	82.611	ng	0.00
79) Terphenyl-d14	19.862	244	3440762	79.739	ng	0.00
Target Compounds						
9) Benzaldehyde	6.987	77	727	Below Cal	#	Qvalue 3

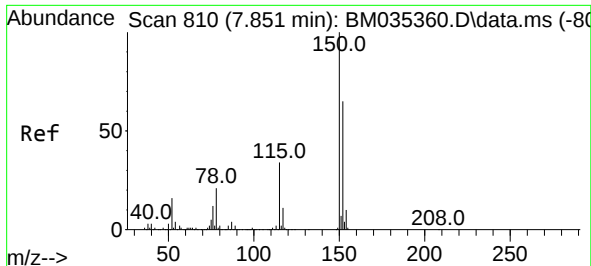
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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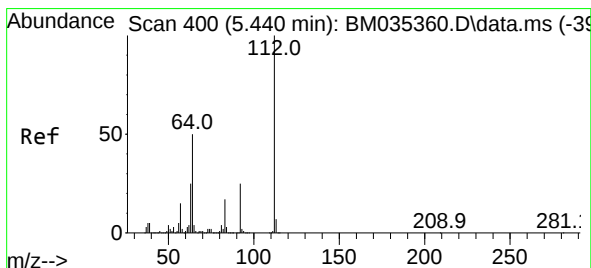
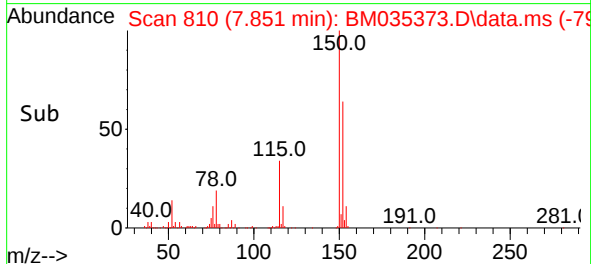
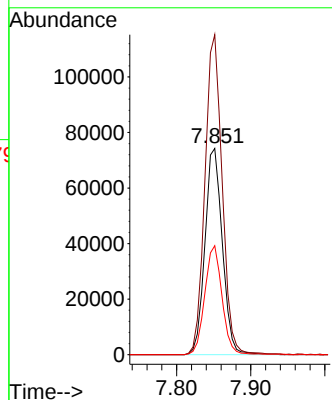
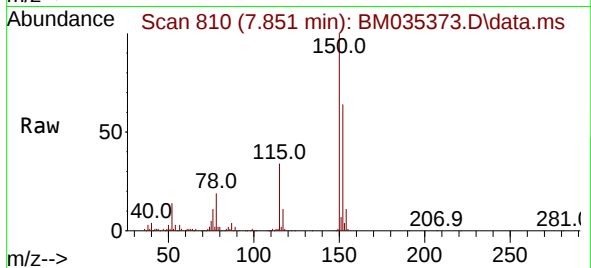




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.851 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BM035373.D
 Acq: 02 Jun 2022 21:41

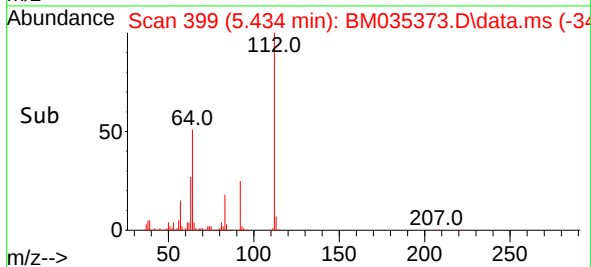
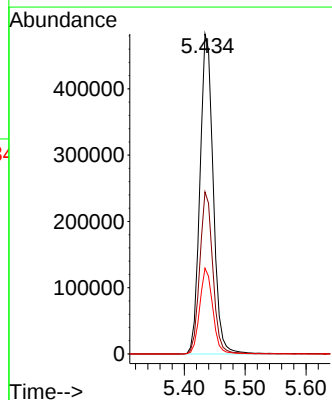
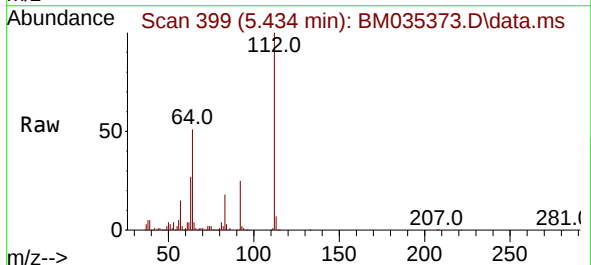
Instrument :
 BNA_M
 ClientSampleId :
 NP-2

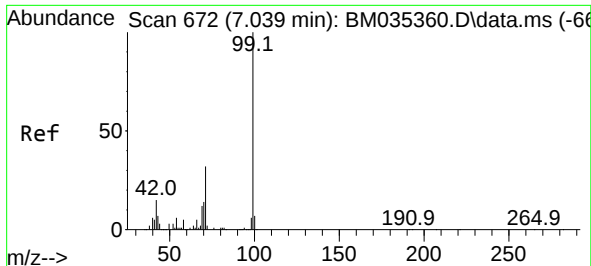
Tgt Ion:152 Resp: 121249
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.9 187.3
 115 52.9 47.9 71.9



#5
 2-Fluorophenol
 Concen: 126.701 ng
 RT: 5.434 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: BM035373.D
 Acq: 02 Jun 2022 21:41

Tgt Ion:112 Resp: 731080
 Ion Ratio Lower Upper
 112 100
 64 50.7 47.8 71.6
 63 26.8 26.6 40.0

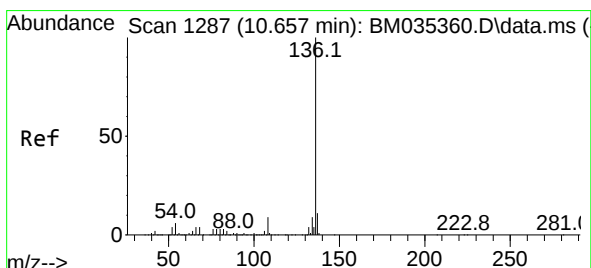
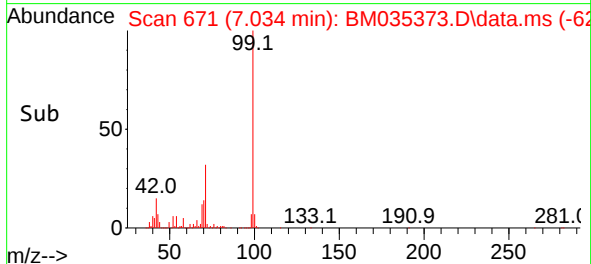
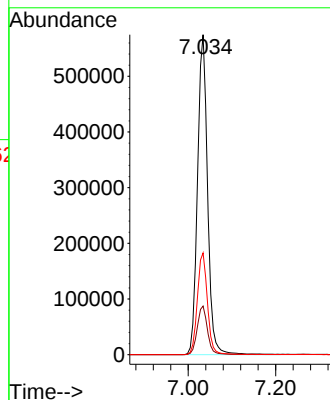
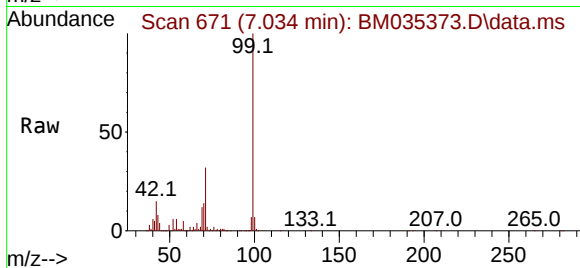




#7
Phenol-d6
Concen: 117.018 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035373.D
Acq: 02 Jun 2022 21:41

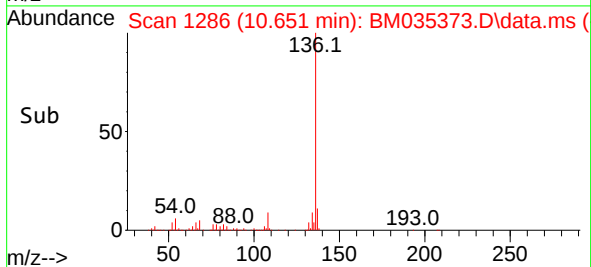
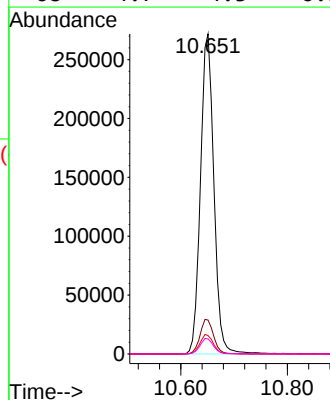
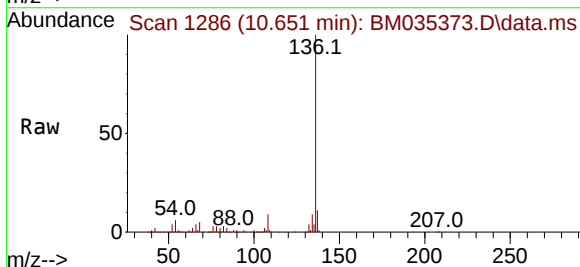
Instrument :
BNA_M
ClientSampleId :
NP-2

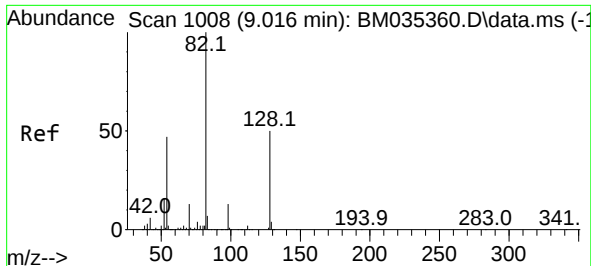
Tgt Ion: 99 Resp: 922312
Ion Ratio Lower Upper
99 100
42 15.2 18.8 28.2#
71 31.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM035373.D
Acq: 02 Jun 2022 21:41

Tgt Ion: 136 Resp: 474689
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 5.8 7.0 10.4#
68 4.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 75.536 ng

RT: 9.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035373.D

Acq: 02 Jun 2022 21:41

Instrument :

BNA_M

ClientSampleId :

NP-2

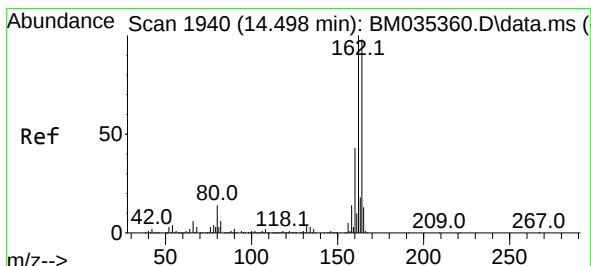
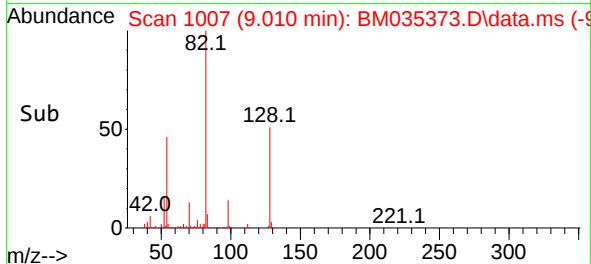
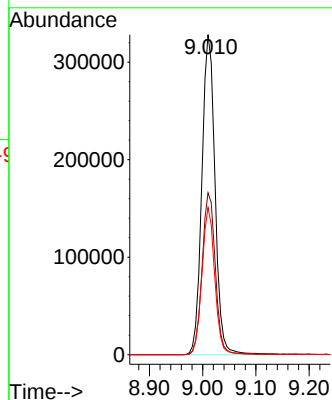
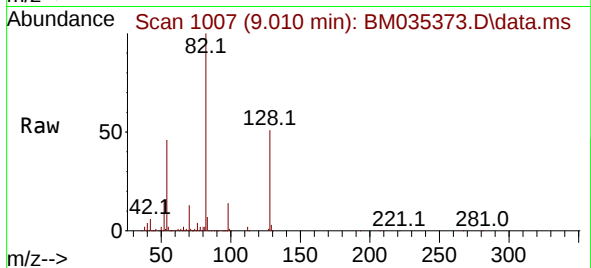
Tgt Ion: 82 Resp: 564697

Ion Ratio Lower Upper

82 100

128 50.6 33.7 50.5#

54 46.0 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM035373.D

Acq: 02 Jun 2022 21:41

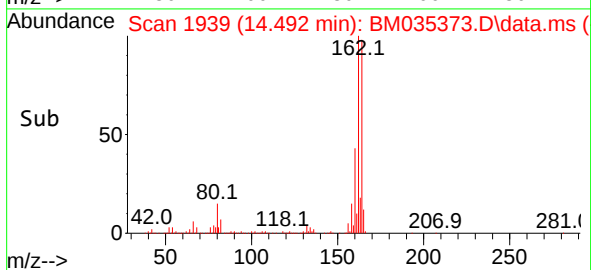
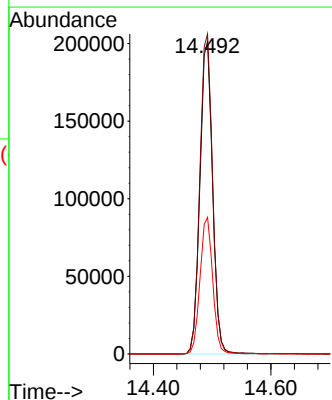
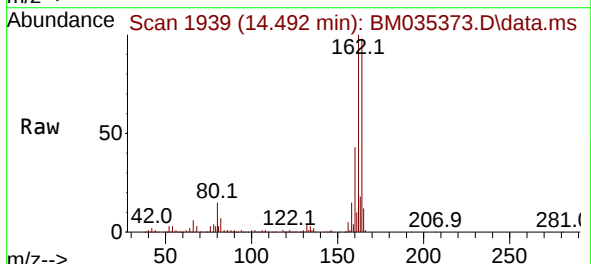
Tgt Ion:164 Resp: 301393

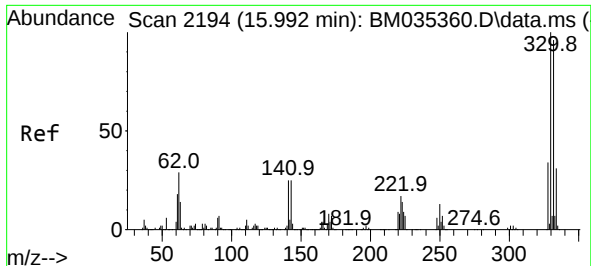
Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

160 43.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 121.621 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035373.D

Acq: 02 Jun 2022 21:41

Instrument :

BNA_M

ClientSampleId :

NP-2

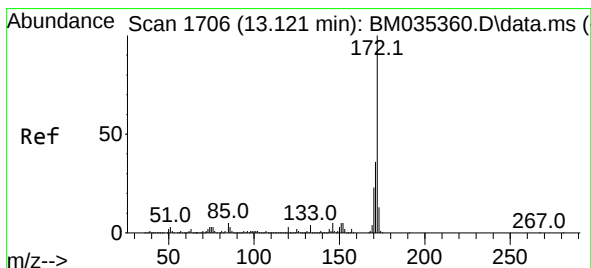
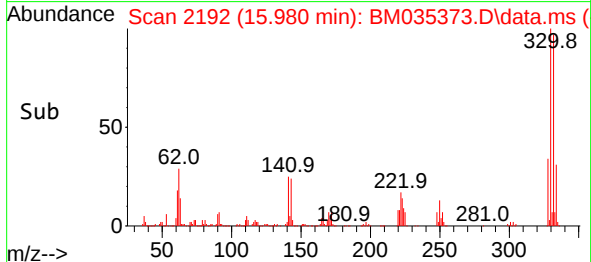
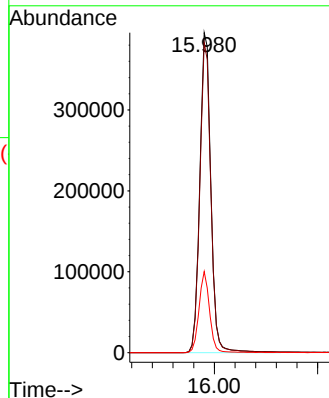
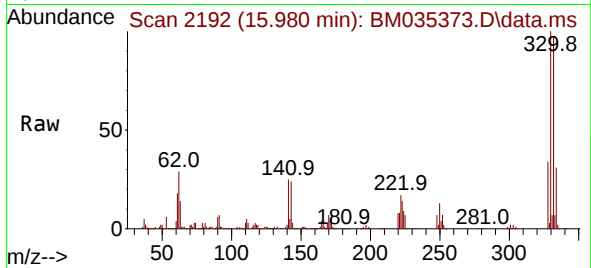
Tgt Ion:330 Resp: 588129

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 24.2 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 82.611 ng

RT: 13.116 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BM035373.D

Acq: 02 Jun 2022 21:41

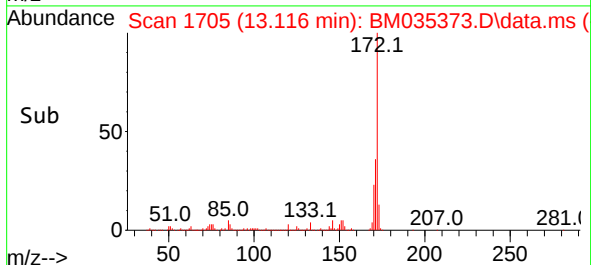
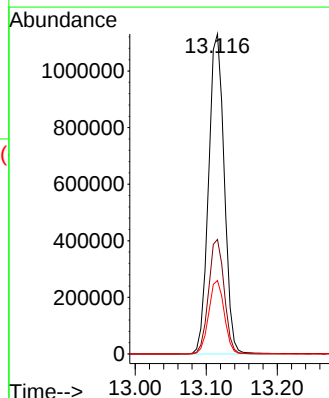
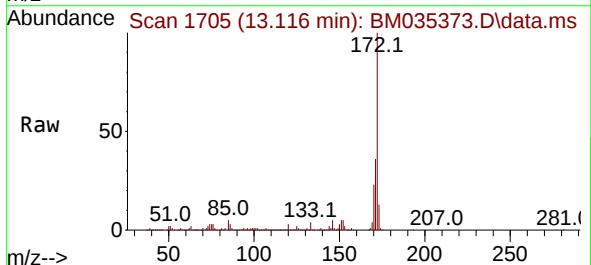
Tgt Ion:172 Resp: 1733550

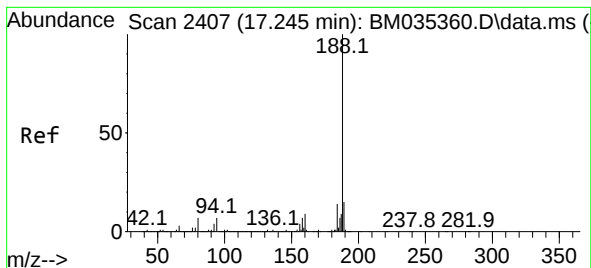
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 22.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.233 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BM035373.D

Acq: 02 Jun 2022 21:41

Instrument :

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ClientSampleId :

NP-2

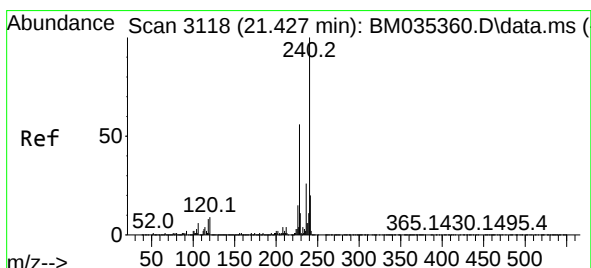
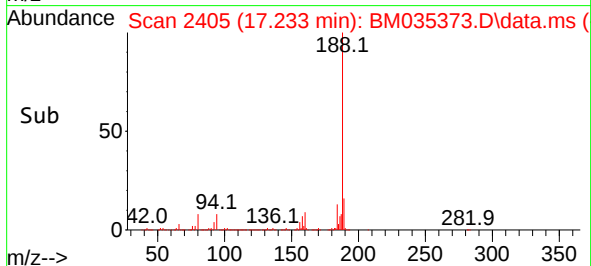
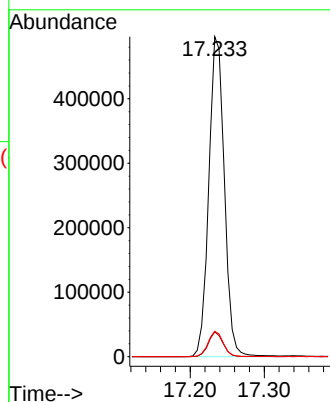
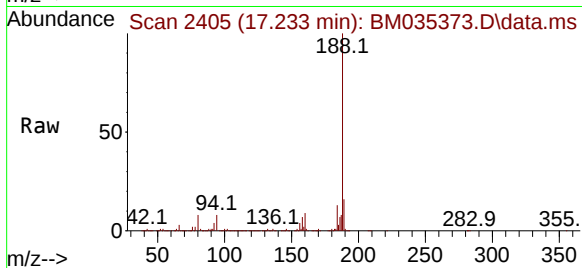
Tgt Ion:188 Resp: 724030

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM035373.D

Acq: 02 Jun 2022 21:41

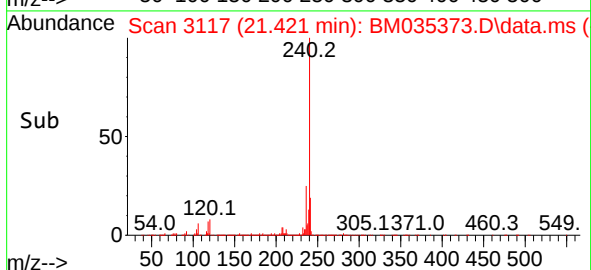
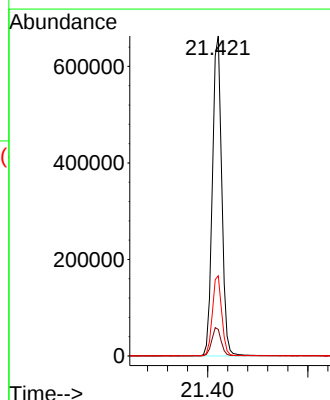
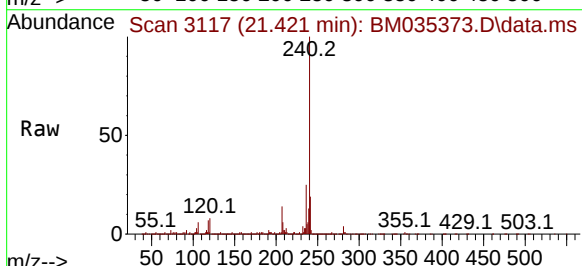
Tgt Ion:240 Resp: 859673

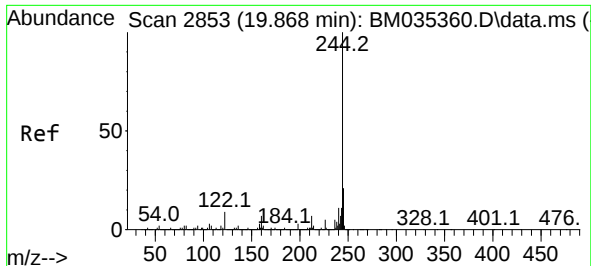
Ion Ratio Lower Upper

240 100

120 8.3 9.4 14.0#

236 25.1 20.6 30.8

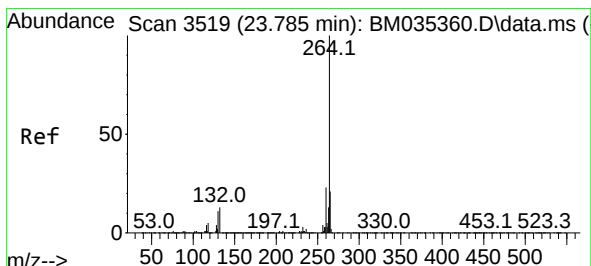
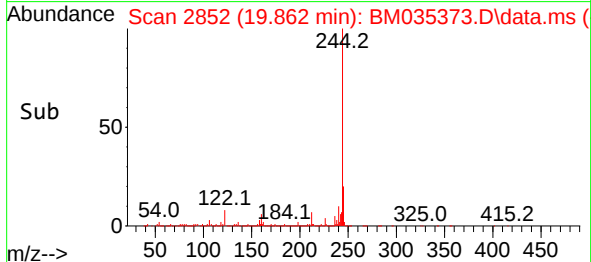
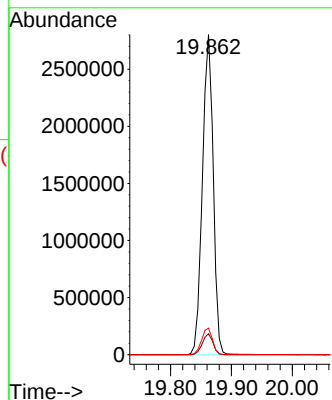
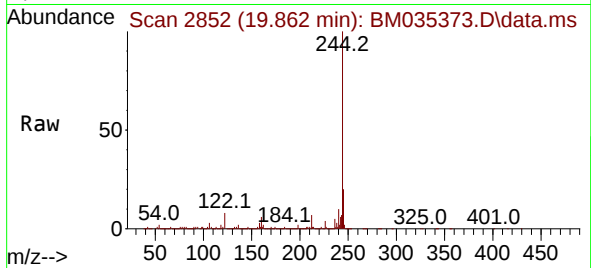




#79
 Terphenyl-d14
 Concen: 79.739 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035373.D
 Acq: 02 Jun 2022 21:41

Instrument :
 BNA_M
 ClientSampleId :
 NP-2

Tgt Ion:244 Resp: 3440762
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.4
 122 8.3 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM035373.D
 Acq: 02 Jun 2022 21:41

Tgt Ion:264 Resp: 947171
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 23.0 17.5 26.3

