

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035374.D
 Acq On : 02 Jun 2022 22:18
 Operator : CG/JU
 Sample : N2984-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P020-SS001-0612-01

Quant Time: Jun 03 01:44:06 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	140580	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	533287	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	323093	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	718083	20.000	ng	-0.01
76) Chrysene-d12	21.415	240	880304	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	950385	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1080109	161.449	ng	0.00
7) Phenol-d6	7.034	99	1331473	145.701	ng	0.00
23) Nitrobenzene-d5	9.010	82	811630	96.637	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	723572	139.580	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2326387	103.417	ng	0.00
79) Terphenyl-d14	19.862	244	4107622	92.962	ng	0.00

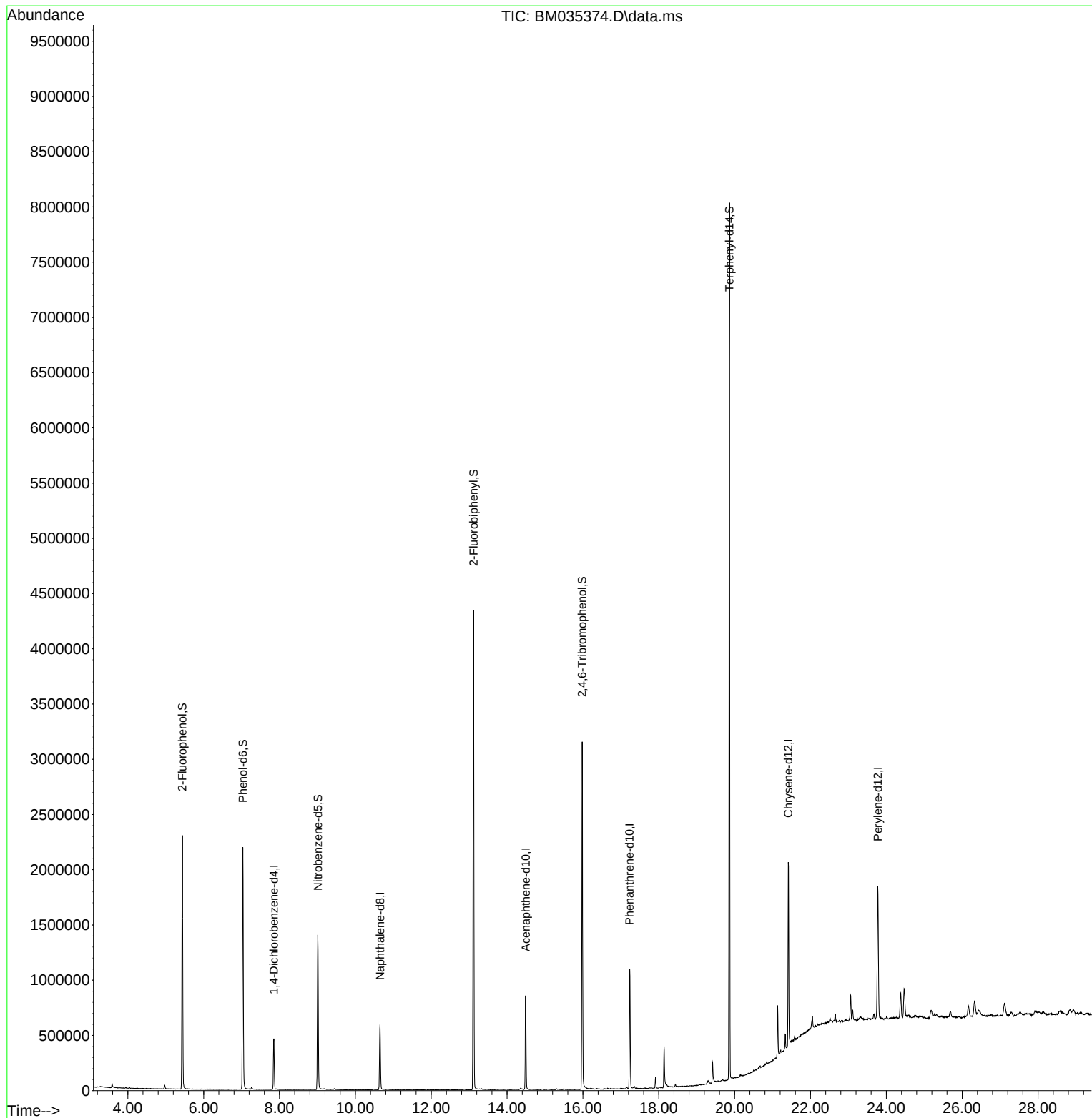
Target Compounds	Qvalue

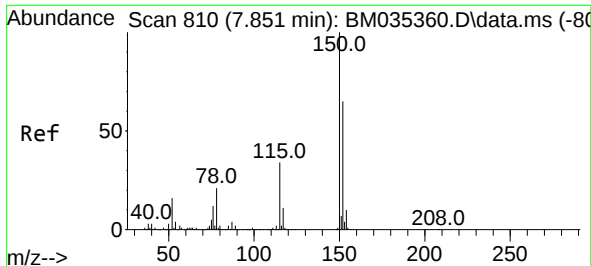
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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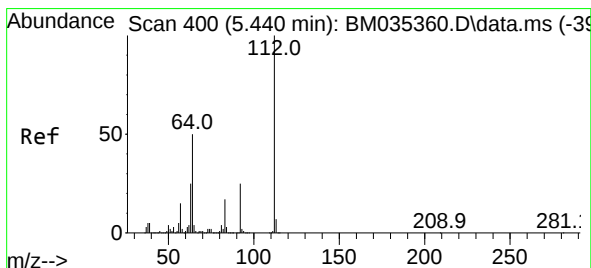
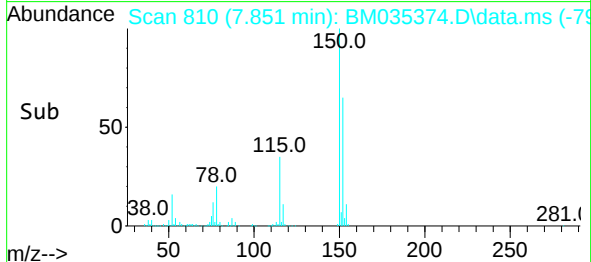
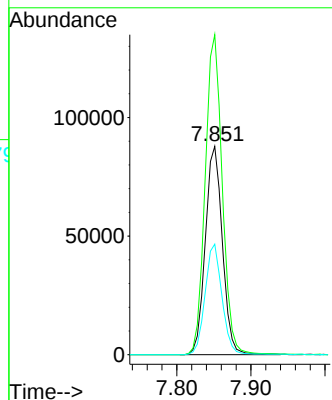
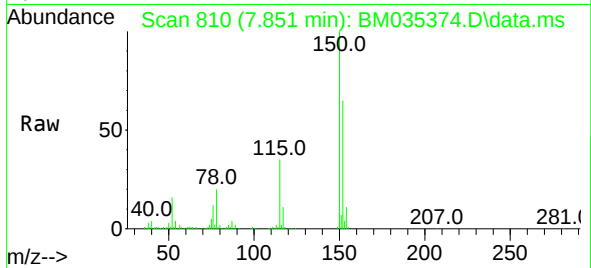




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM035374.D
Acq: 02 Jun 2022 22:18

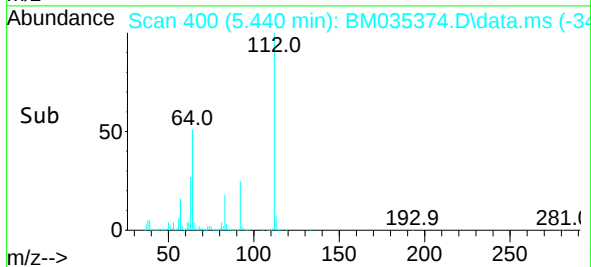
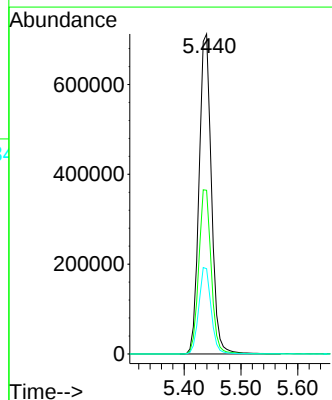
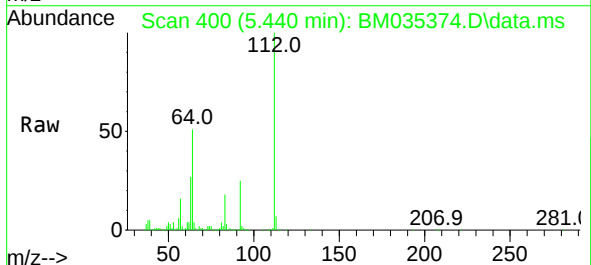
Instrument :
BNA_M
ClientSampleId :
P020-SS001-0612-01

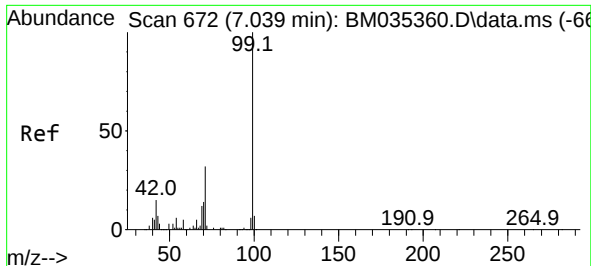
Tgt Ion:152 Resp: 140580
Ion Ratio Lower Upper
152 100
150 153.6 124.9 187.3
115 53.1 47.9 71.9



#5
2-Fluorophenol
Concen: 161.449 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM035374.D
Acq: 02 Jun 2022 22:18

Tgt Ion:112 Resp: 1080109
Ion Ratio Lower Upper
112 100
64 51.2 47.8 71.6
63 26.6 26.6 40.0#

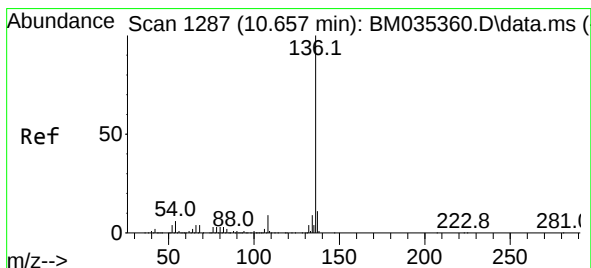
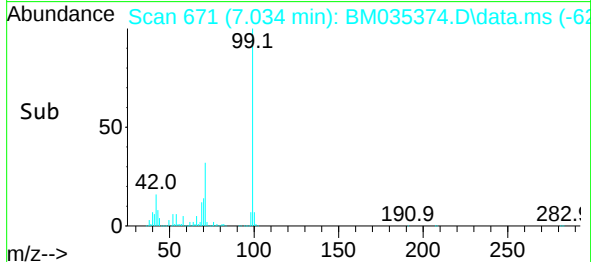
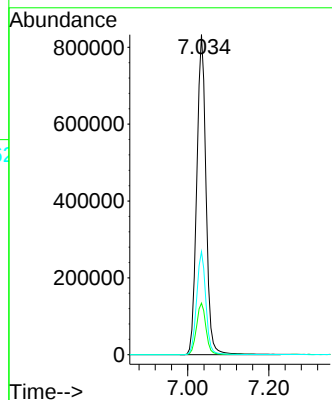
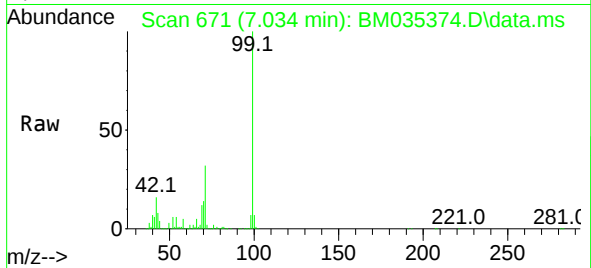




#7
Phenol-d6
Concen: 145.701 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035374.D
Acq: 02 Jun 2022 22:18

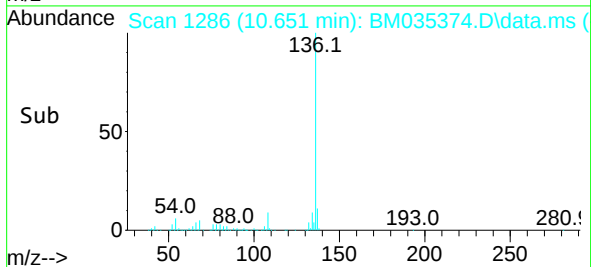
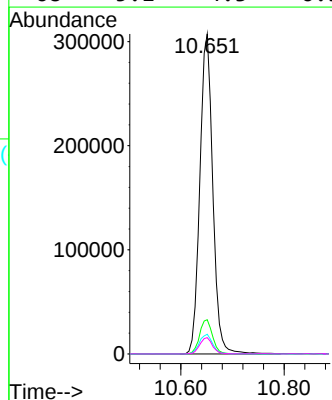
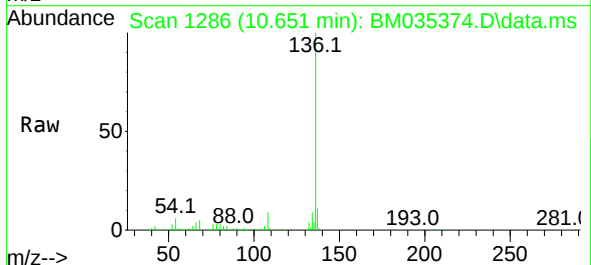
Instrument :
BNA_M
ClientSampleId :
P020-SS001-0612-01

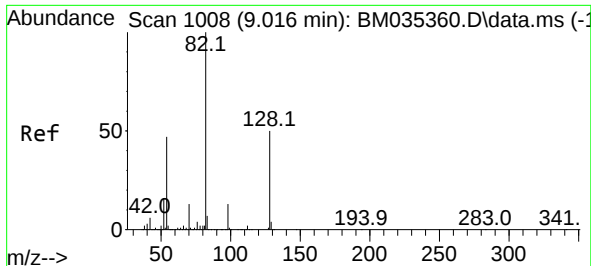
Tgt Ion: 99 Resp: 1331473
Ion Ratio Lower Upper
99 100
42 16.1 18.8 28.2#
71 32.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM035374.D
Acq: 02 Jun 2022 22:18

Tgt Ion: 136 Resp: 533287
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.2 7.0 10.4#
68 5.1 4.3 6.5

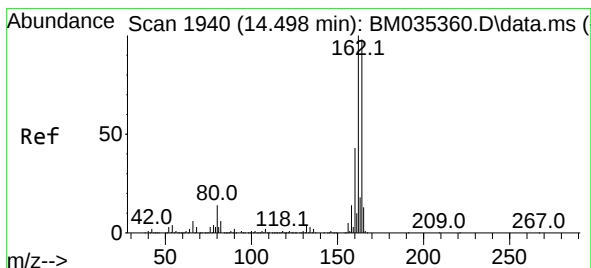
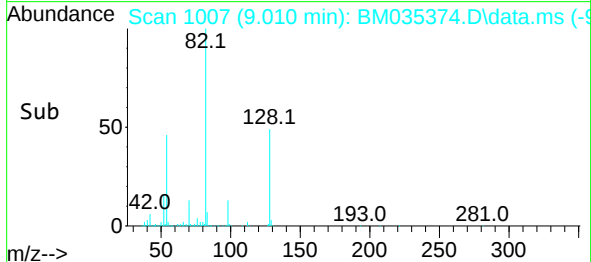
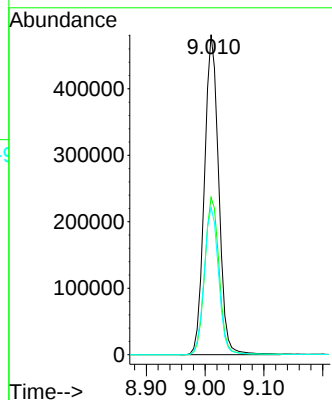
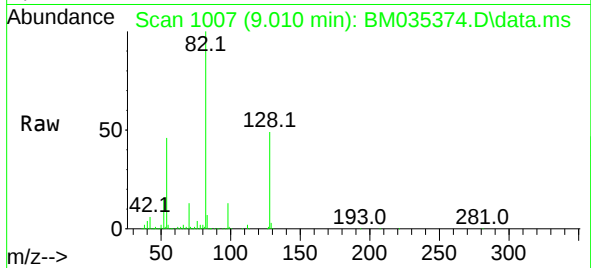




#23
Nitrobenzene-d5
Concen: 96.637 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM035374.D
Acq: 02 Jun 2022 22:18

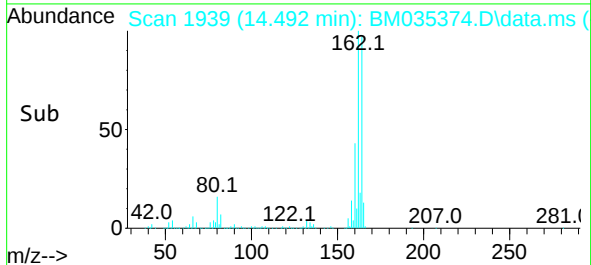
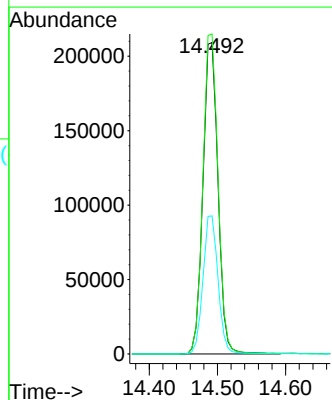
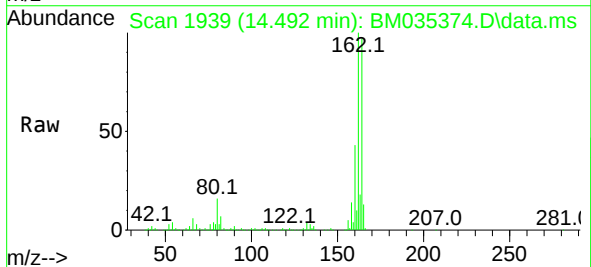
Instrument :
BNA_M
ClientSampleId :
P020-SS001-0612-01

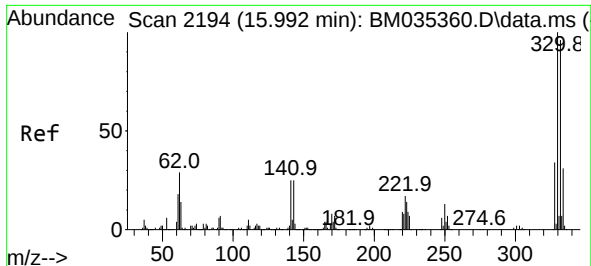
Tgt Ion: 82 Resp: 811630
Ion Ratio Lower Upper
82 100
128 49.1 33.7 50.5
54 46.0 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM035374.D
Acq: 02 Jun 2022 22:18

Tgt Ion: 164 Resp: 323093
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 44.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 139.580 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035374.D

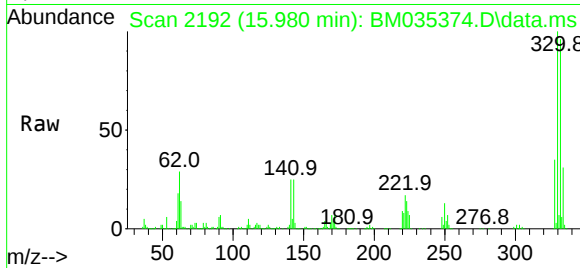
Acq: 02 Jun 2022 22:18

Instrument :

BNA_M

ClientSampleId :

P020-SS001-0612-01



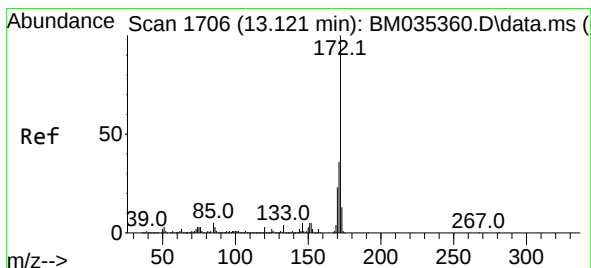
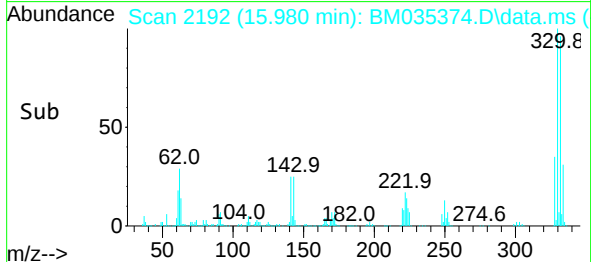
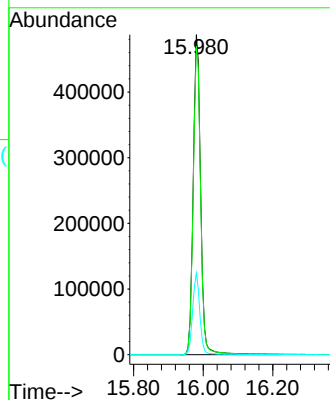
Tgt Ion:330 Resp: 723572

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 24.8 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 103.417 ng

RT: 13.116 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BM035374.D

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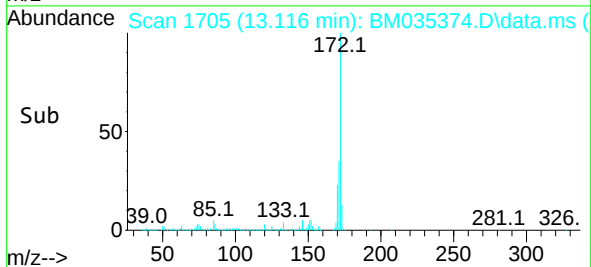
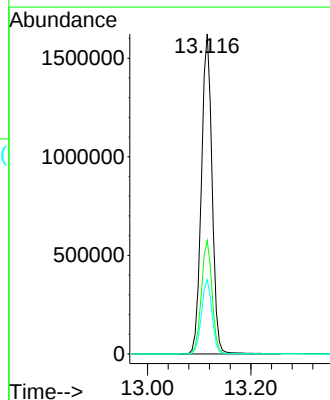
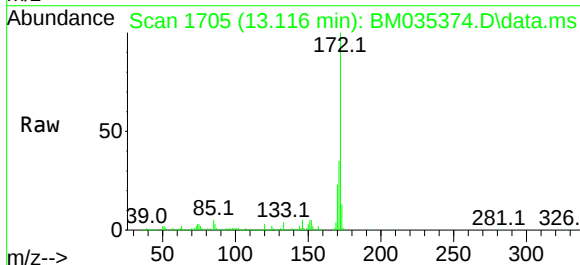
Tgt Ion:172 Resp: 2326387

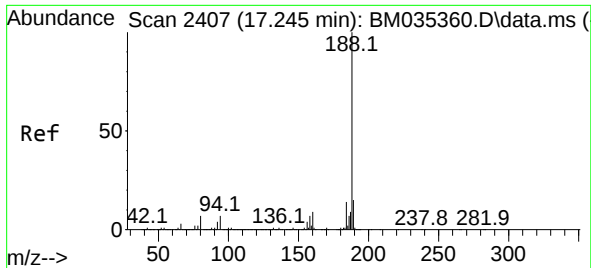
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.2 18.7 28.1

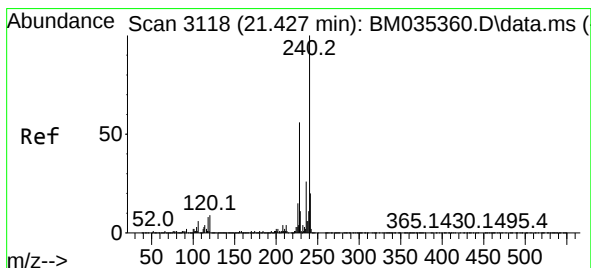
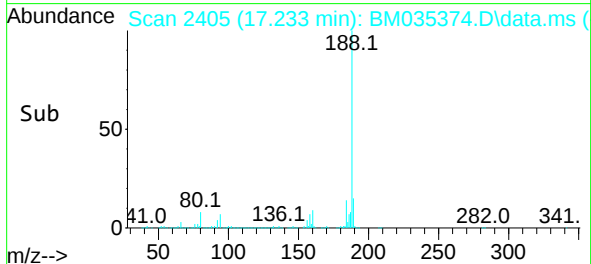
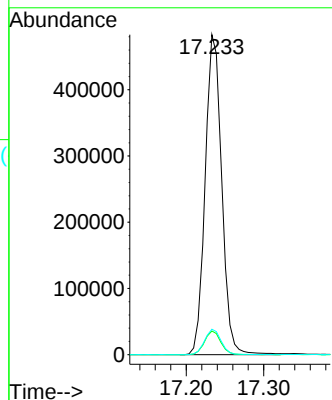
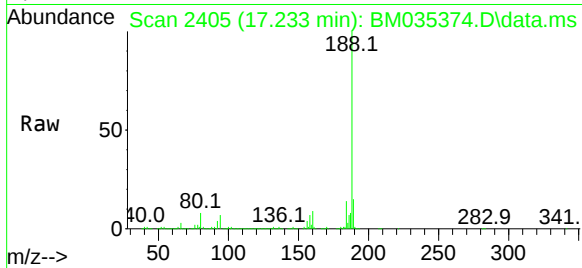




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BM035374.D
Acq: 02 Jun 2022 22:18

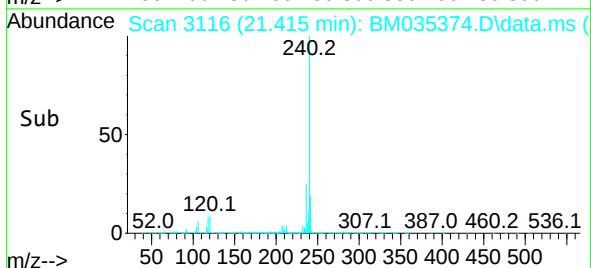
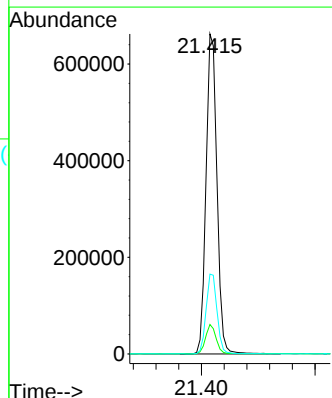
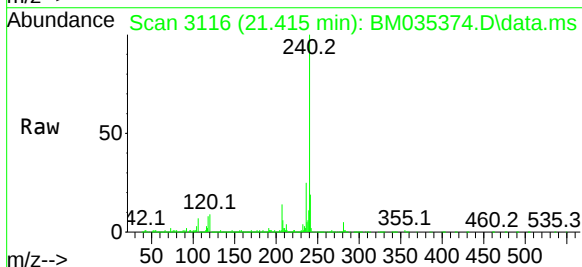
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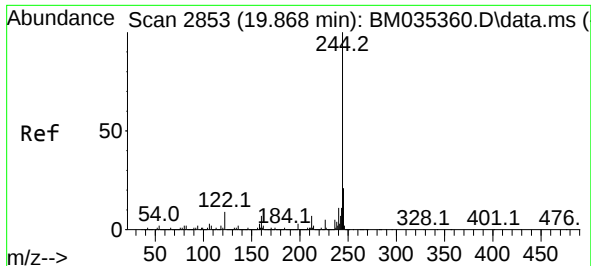
Tgt Ion:188 Resp: 718083
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM035374.D
Acq: 02 Jun 2022 22:18

Tgt Ion:240 Resp: 880304
Ion Ratio Lower Upper
240 100
120 9.2 9.4 14.0#
236 25.0 20.6 30.8

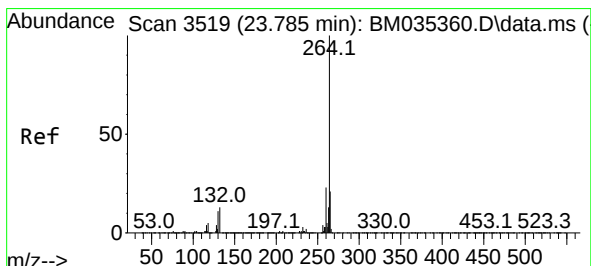
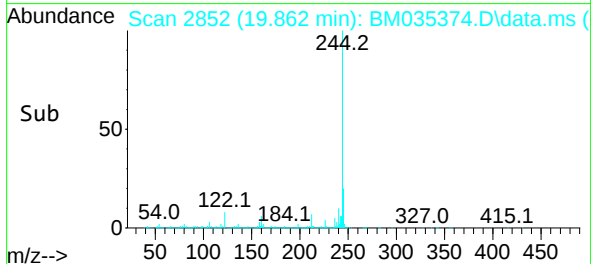
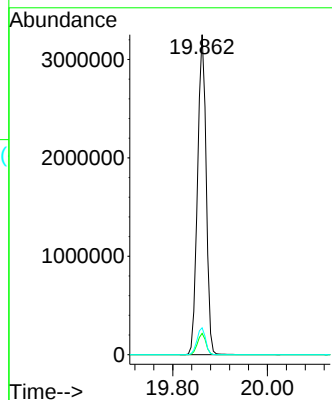
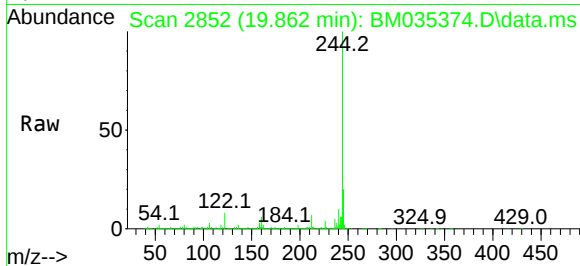




#79
 Terphenyl-d14
 Concen: 92.962 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035374.D
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Instrument :
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 P020-SS001-0612-01

Tgt Ion:244 Resp: 4107622
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.4
 122 8.4 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: BM035374.D
 Acq: 02 Jun 2022 22:18

Tgt Ion:264 Resp: 950385
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.3 17.5 26.3

