

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
 Data File : BM035349.D
 Acq On : 01 Jun 2022 16:26
 Operator : CG/JU
 Sample : N2953-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P044-SS001-0612-01

Quant Time: Jun 02 08:49:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	108657	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	412221	20.000	ng	#-0.01
39) Acenaphthene-d10	14.504	164	256887	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	544597	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	583322	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	626528	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	534961	90.904	ng	0.00
7) Phenol-d6	7.045	99	660037	86.618	ng	0.00
23) Nitrobenzene-d5	9.022	82	401660	53.638	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	327875	98.385	ng	-0.01
45) 2-Fluorobiphenyl	13.127	172	1125987	60.784	ng	-0.01
79) Terphenyl-d14	19.874	244	1751674	53.212	ng	0.00

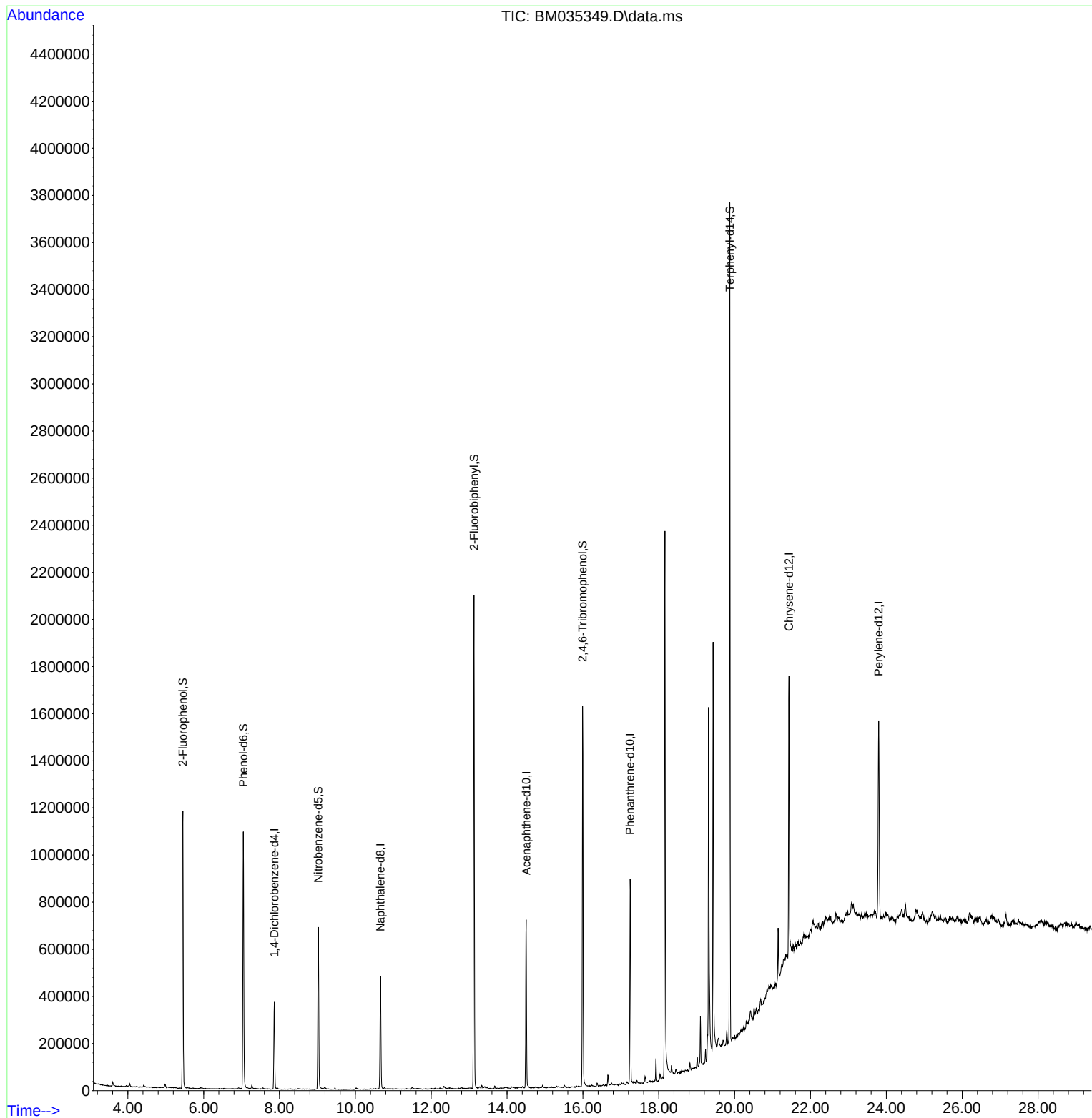
Target Compounds	Qvalue

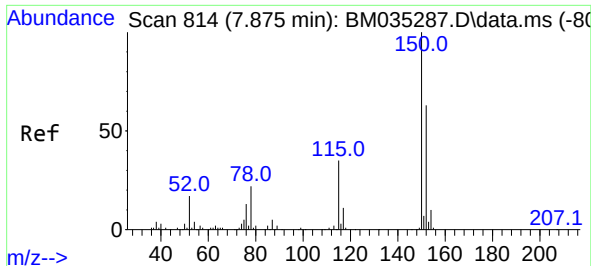
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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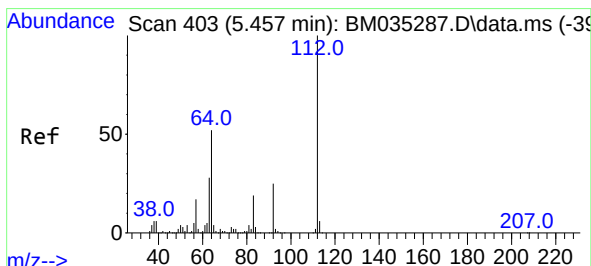
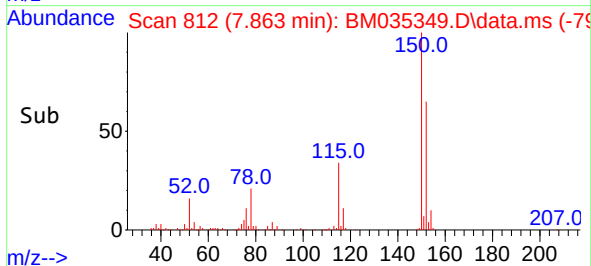
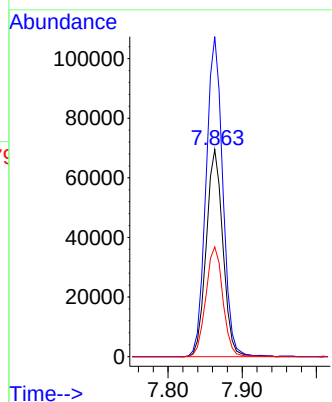
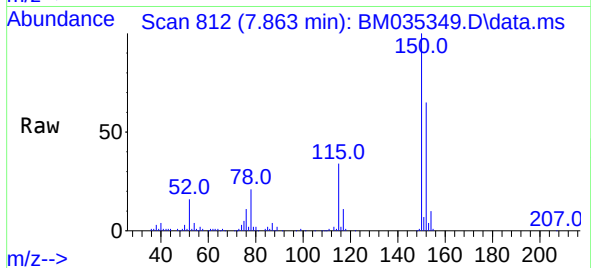




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 814
Delta R.T. -0.012 min
Lab File: BM035349.D
Acq: 01 Jun 2022 16:26

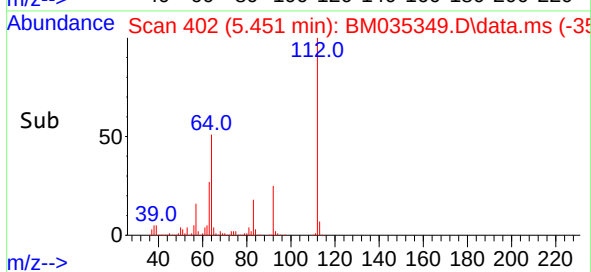
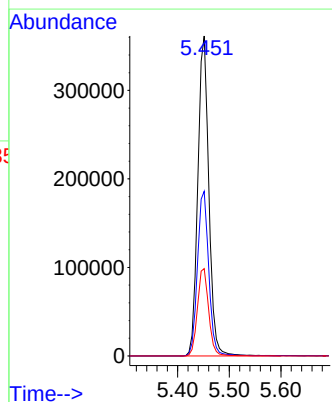
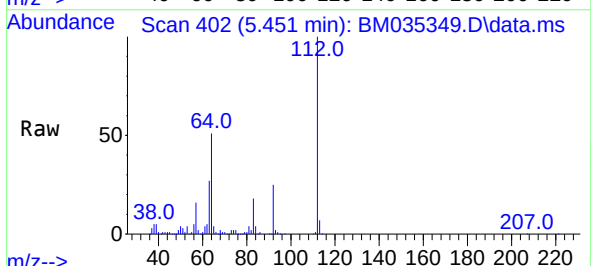
Instrument :
BNA_M
ClientSampleId :
P044-SS001-0612-01

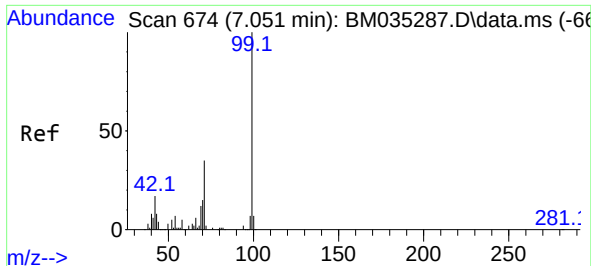
Tgt Ion:152 Resp: 108657
Ion Ratio Lower Upper
152 100
150 154.4 124.9 187.3
115 53.0 47.9 71.9



#5
2-Fluorophenol
Concen: 90.904 ng
RT: 5.451 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM035349.D
Acq: 01 Jun 2022 16:26

Tgt Ion:112 Resp: 534961
Ion Ratio Lower Upper
112 100
64 51.5 47.8 71.6
63 27.3 26.6 40.0

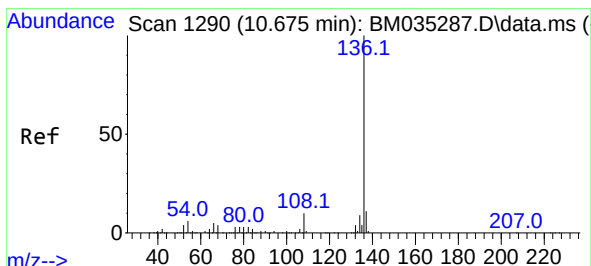
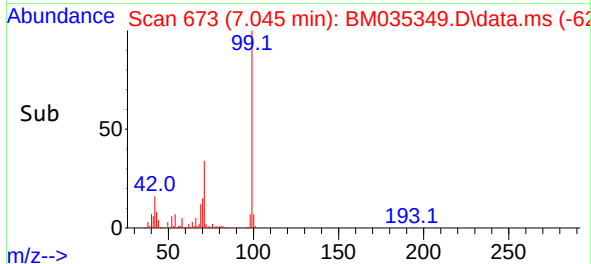
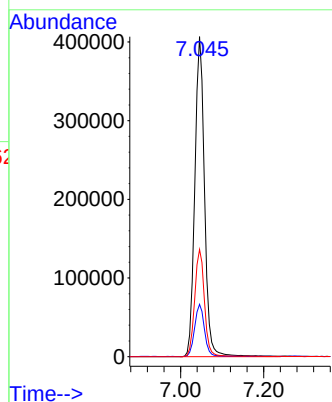
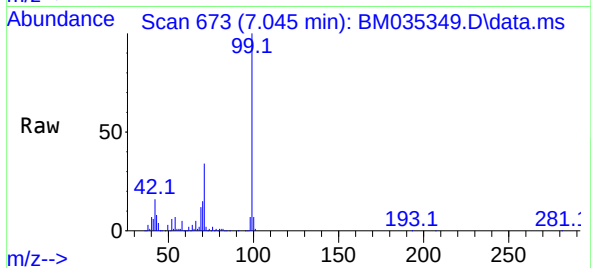




#7
Phenol-d6
Concen: 86.618 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035349.D
Acq: 01 Jun 2022 16:26

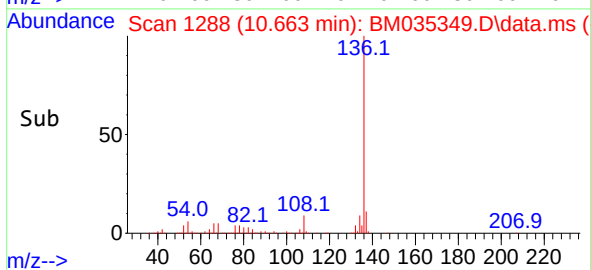
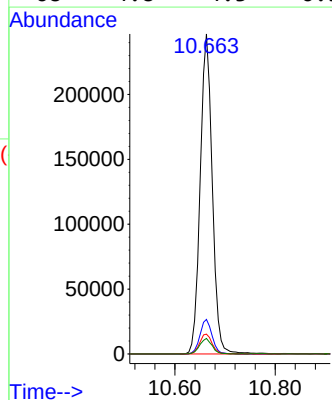
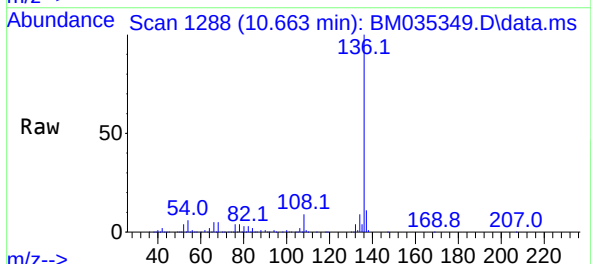
Instrument :
BNA_M
ClientSampleId :
P044-SS001-0612-01

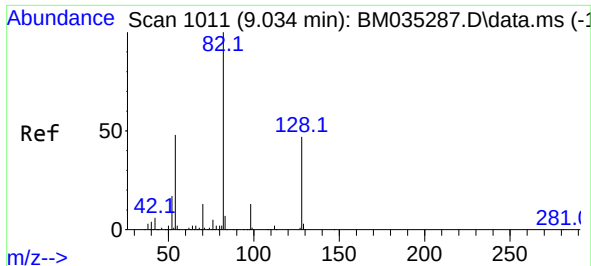
Tgt Ion: 99 Resp: 660037
Ion Ratio Lower Upper
99 100
42 16.3 18.8 28.2#
71 33.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM035349.D
Acq: 01 Jun 2022 16:26

Tgt Ion: 136 Resp: 412221
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.2 7.0 10.4#
68 4.8 4.3 6.5

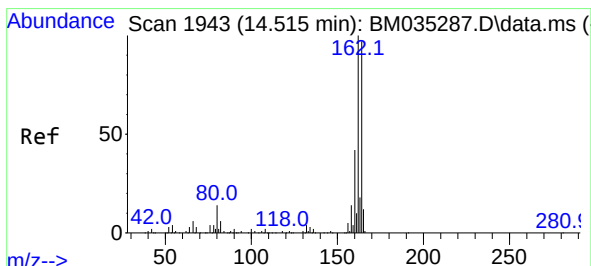
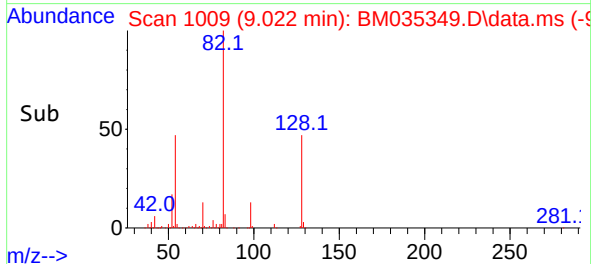
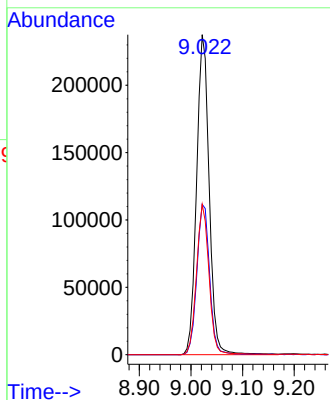
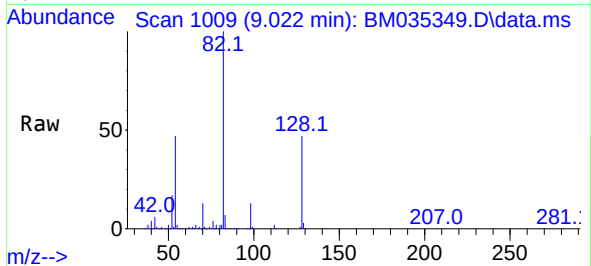




#23
Nitrobenzene-d5
Concen: 53.638 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM035349.D
Acq: 01 Jun 2022 16:26

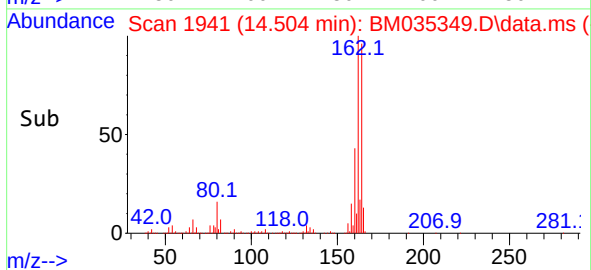
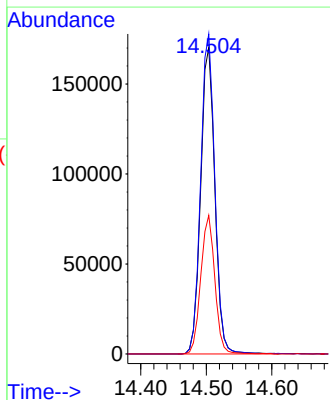
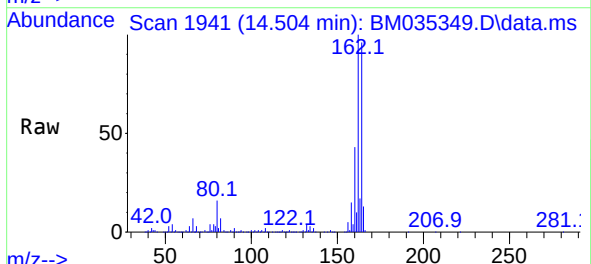
Instrument :
BNA_M
ClientSampleId :
P044-SS001-0612-01

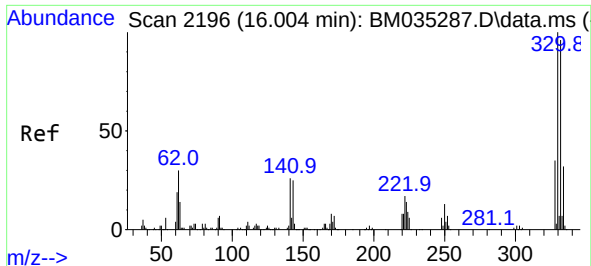
Tgt Ion: 82 Resp: 401660
Ion Ratio Lower Upper
82 100
128 47.0 33.7 50.5
54 46.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.011 min
Lab File: BM035349.D
Acq: 01 Jun 2022 16:26

Tgt Ion: 164 Resp: 256887
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.6
160 45.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 98.385 ng

RT: 15.992 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035349.D

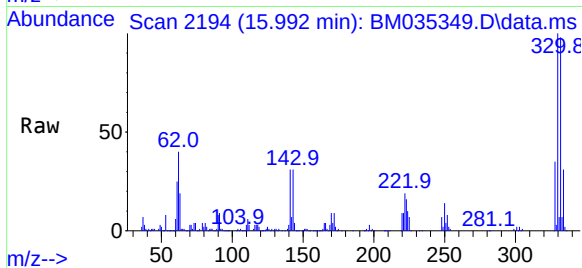
Acq: 01 Jun 2022 16:26

Instrument :

BNA_M

ClientSampleId :

P044-SS001-0612-01



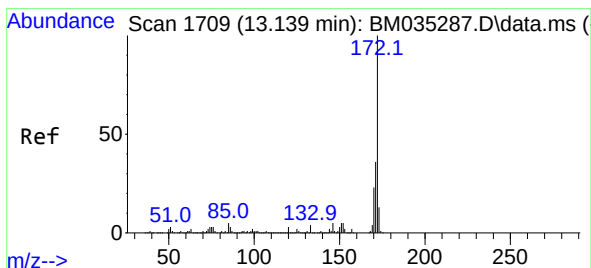
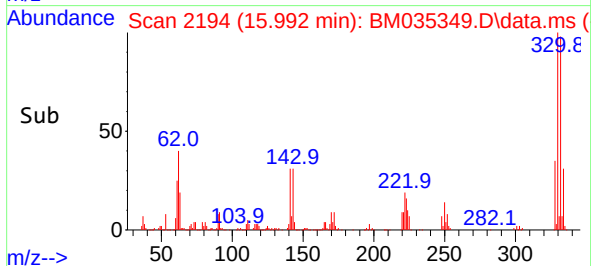
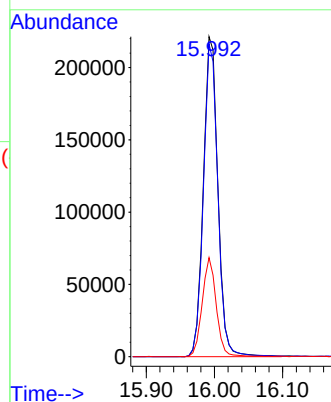
Tgt Ion:330 Resp: 327875

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 30.0 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 60.784 ng

RT: 13.127 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BM035349.D

Acq: 01 Jun 2022 16:26

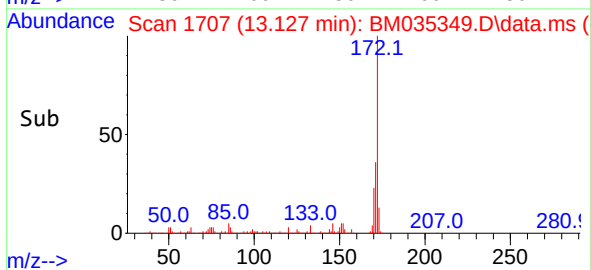
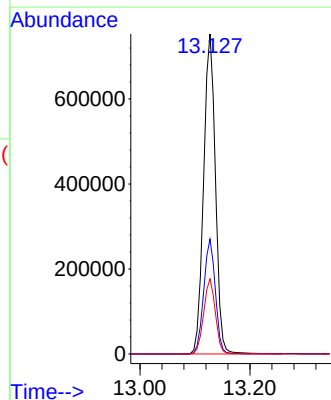
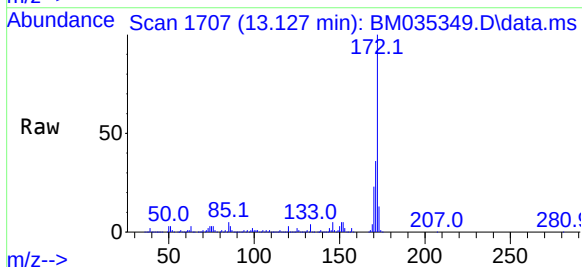
Tgt Ion:172 Resp: 1125987

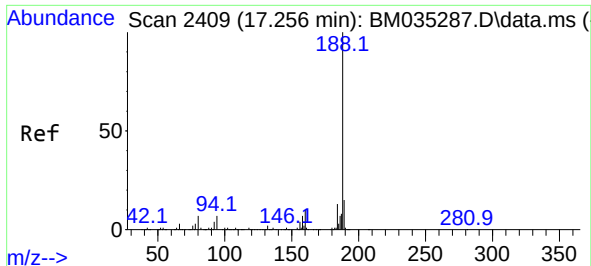
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.4 18.7 28.1

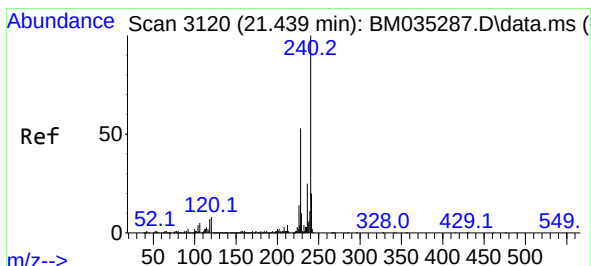
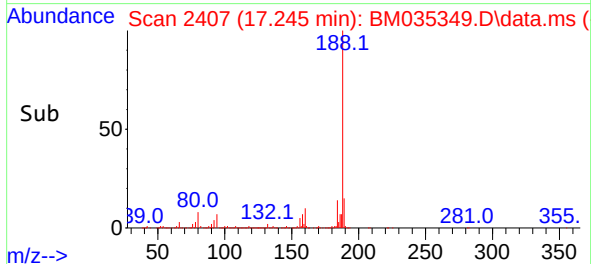
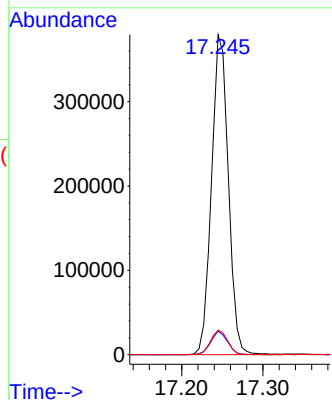
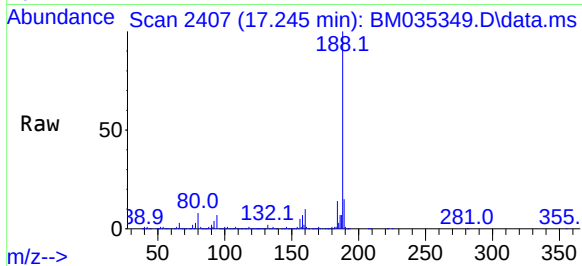




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM035349.D
Acq: 01 Jun 2022 16:26

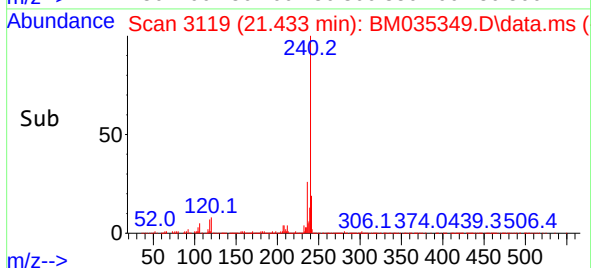
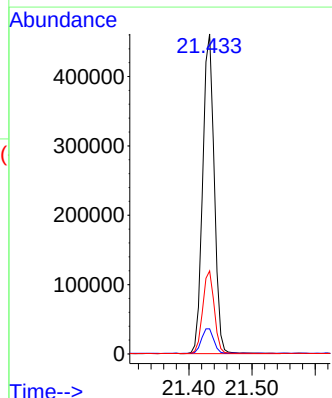
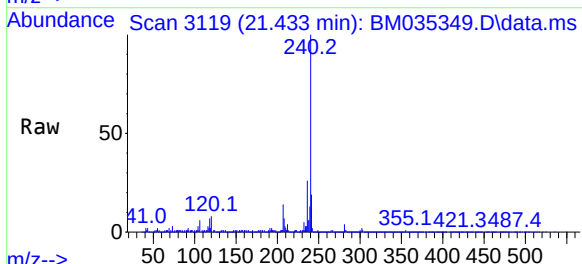
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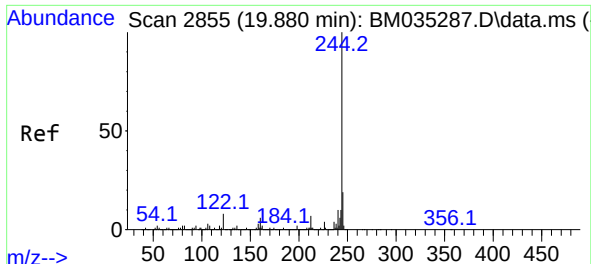
Tgt Ion:188 Resp: 544597
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 7.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM035349.D
Acq: 01 Jun 2022 16:26

Tgt Ion:240 Resp: 583322
Ion Ratio Lower Upper
240 100
120 7.9 9.4 14.0#
236 25.9 20.6 30.8

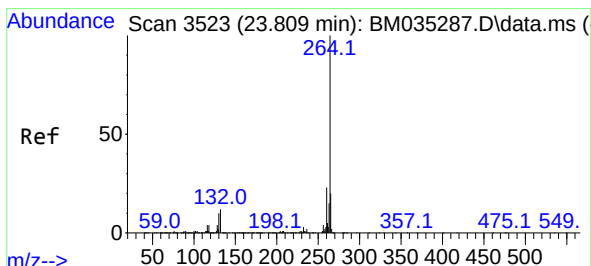
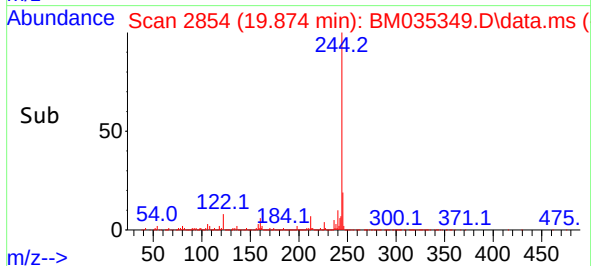
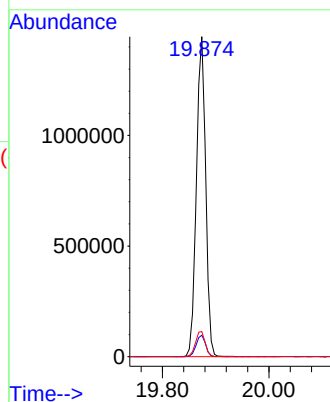
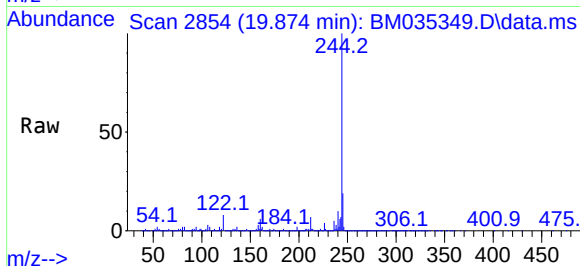




#79
 Terphenyl-d14
 Concen: 53.212 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035349.D
 Acq: 01 Jun 2022 16:26

Instrument :
 BNA_M
 ClientSampleId :
 P044-SS001-0612-01

Tgt Ion:244 Resp: 1751674
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.4
 122 7.9 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BM035349.D
 Acq: 01 Jun 2022 16:26

Tgt Ion:264 Resp: 626528
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.2 17.5 26.3

