

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035394.D
 Acq On : 03 Jun 2022 14:28
 Operator : CG/JU
 Sample : N2987-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P033-SS001-0612-01

Quant Time: Jun 04 00:45:23 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)

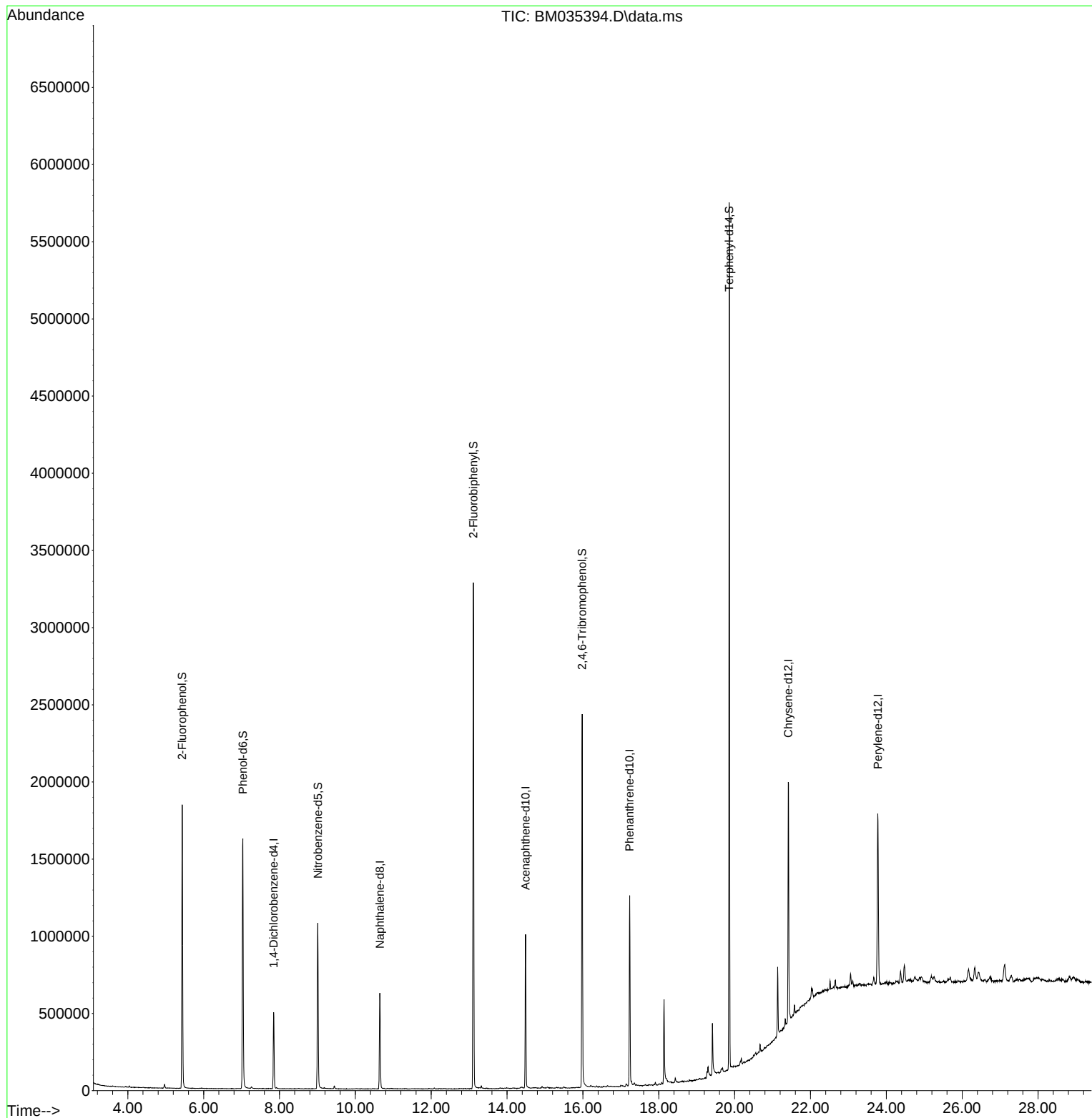
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	149373	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	556057	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	361211	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	775719	20.000	ng	#-0.01
76) Chrysene-d12	21.415	240	814082	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	886607	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	843419	118.649	ng	0.00
7) Phenol-d6	7.034	99	1026465	105.712	ng	0.00
23) Nitrobenzene-d5	9.010	82	627718	71.679	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	550870	95.051	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1810331	71.984	ng	-0.01
79) Terphenyl-d14	19.856	244	2941601	71.989	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.981	77	91	Below Cal	Qvalue #	32

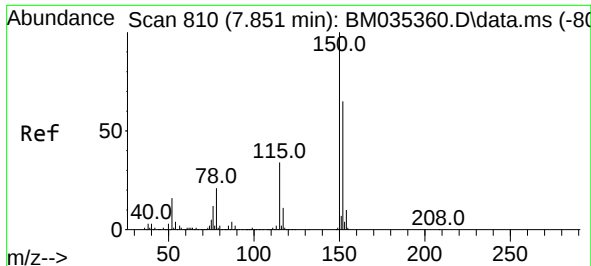
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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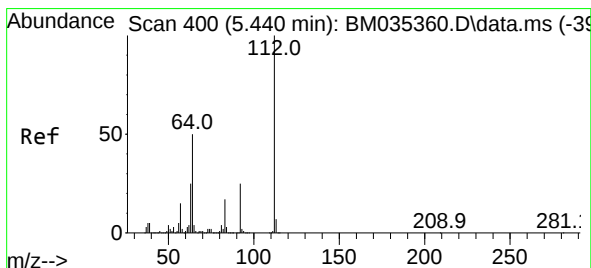
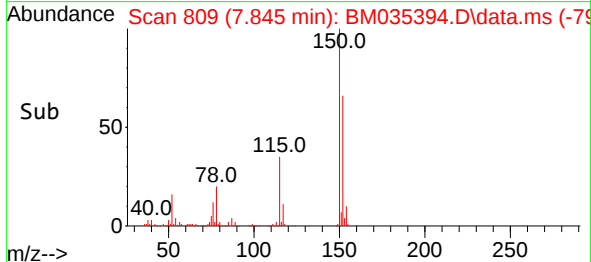
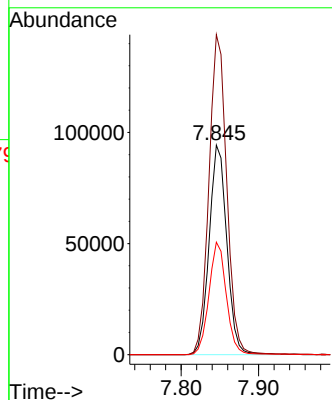
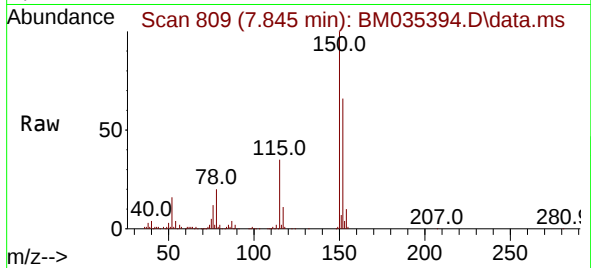




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM035394.D
Acq: 03 Jun 2022 14:28

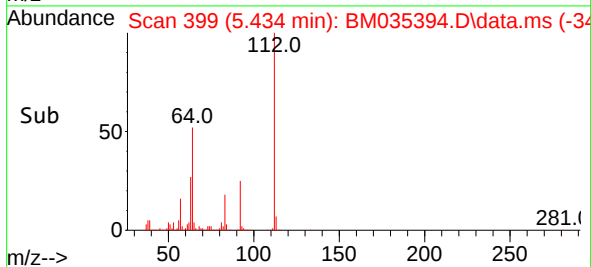
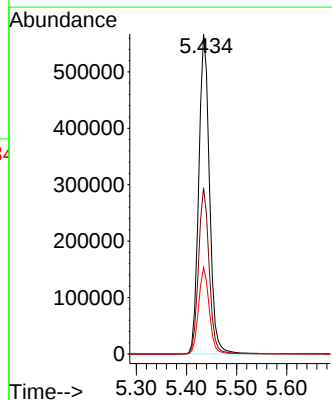
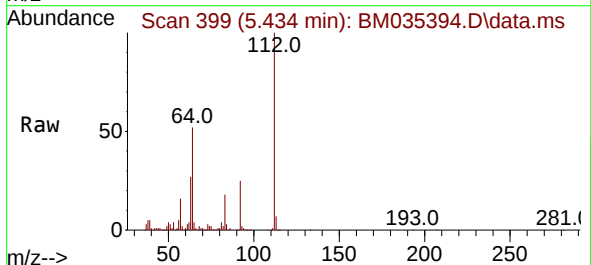
Instrument :
BNA_M
ClientSampleId :
P033-SS001-0612-01

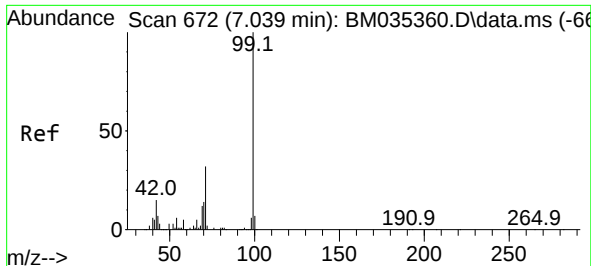
Tgt Ion:152 Resp: 149373
Ion Ratio Lower Upper
152 100
150 152.7 124.9 187.3
115 53.7 47.9 71.9



#5
2-Fluorophenol
Concen: 118.649 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM035394.D
Acq: 03 Jun 2022 14:28

Tgt Ion:112 Resp: 843419
Ion Ratio Lower Upper
112 100
64 52.0 47.8 71.6
63 27.1 26.6 40.0

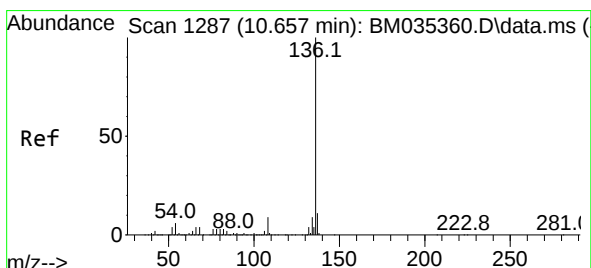
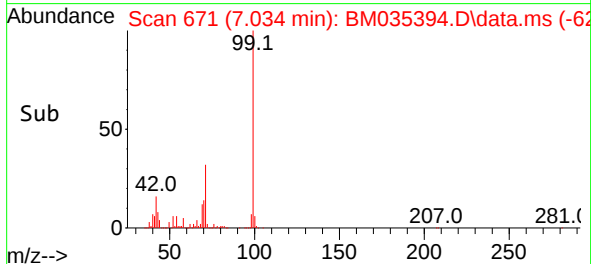
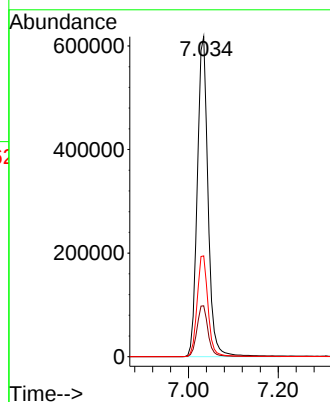
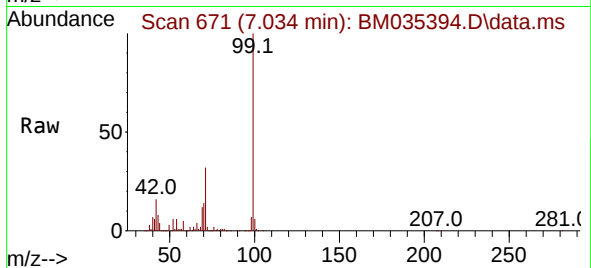




#7
Phenol-d6
Concen: 105.712 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035394.D
Acq: 03 Jun 2022 14:28

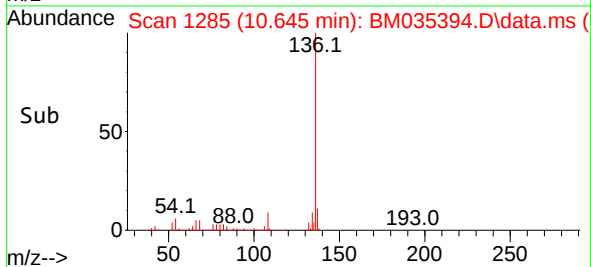
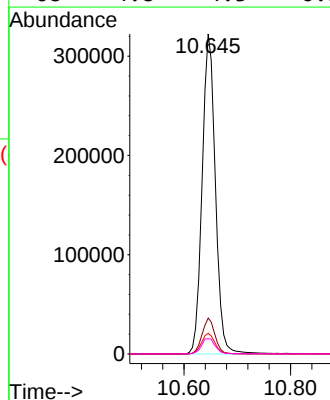
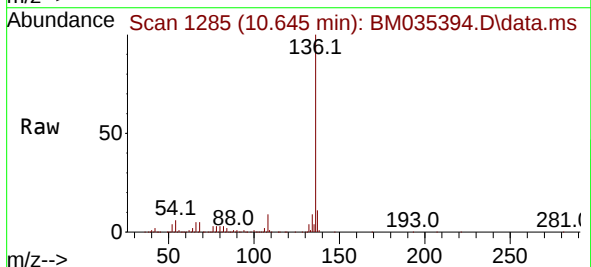
Instrument :
BNA_M
ClientSampleId :
P033-SS001-0612-01

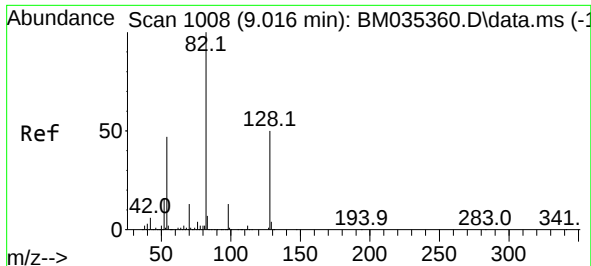
Tgt Ion: 99 Resp: 1026465
Ion Ratio Lower Upper
99 100
42 15.9 18.8 28.2#
71 31.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM035394.D
Acq: 03 Jun 2022 14:28

Tgt Ion: 136 Resp: 556057
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.5 7.0 10.4#
68 4.8 4.3 6.5

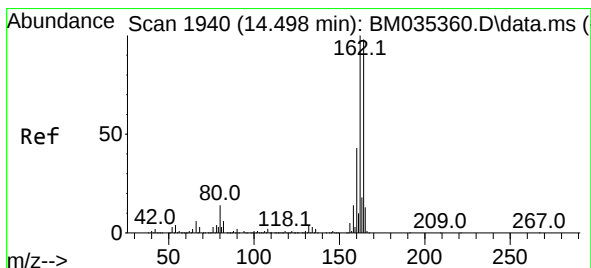
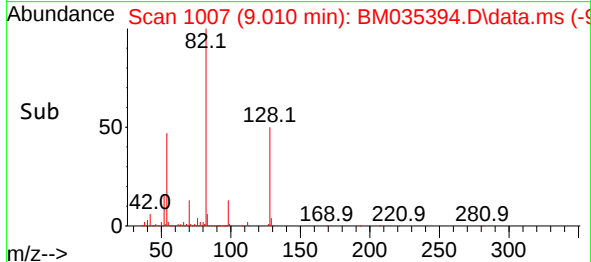
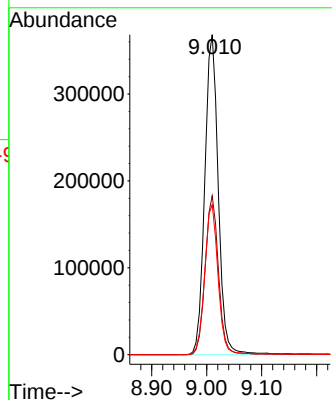
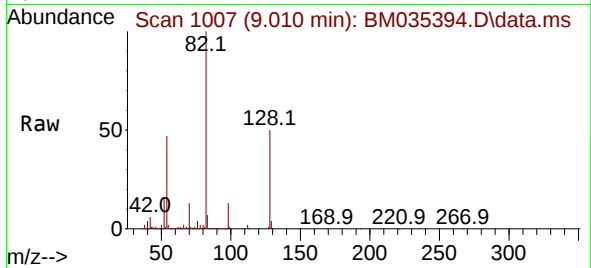




#23
Nitrobenzene-d5
Concen: 71.679 ng
RT: 9.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM035394.D
Acq: 03 Jun 2022 14:28

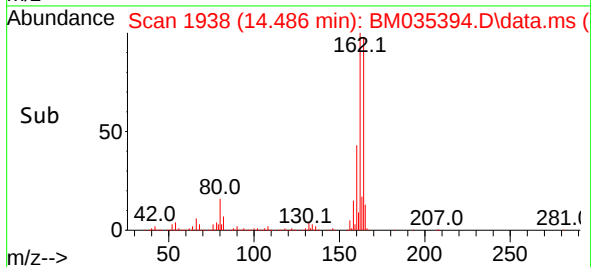
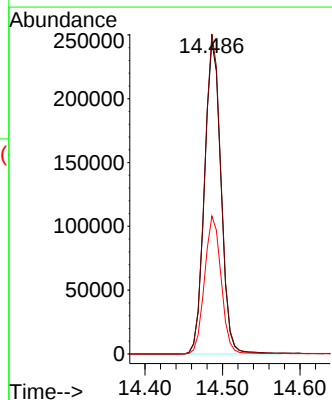
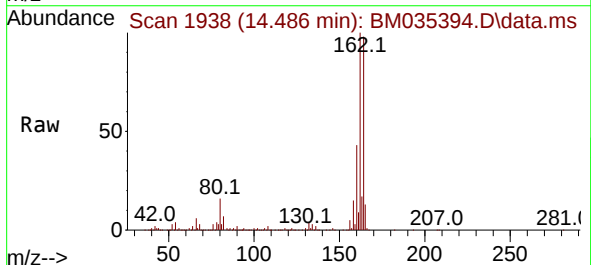
Instrument :
BNA_M
ClientSampleId :
P033-SS001-0612-01

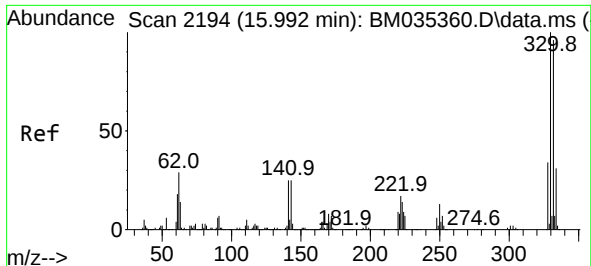
Tgt Ion: 82 Resp: 627718
Ion Ratio Lower Upper
82 100
128 49.7 33.7 50.5
54 46.8 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM035394.D
Acq: 03 Jun 2022 14:28

Tgt Ion: 164 Resp: 361211
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.6
160 44.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 95.051 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035394.D

Acq: 03 Jun 2022 14:28

Instrument :

BNA_M

ClientSampleId :

P033-SS001-0612-01

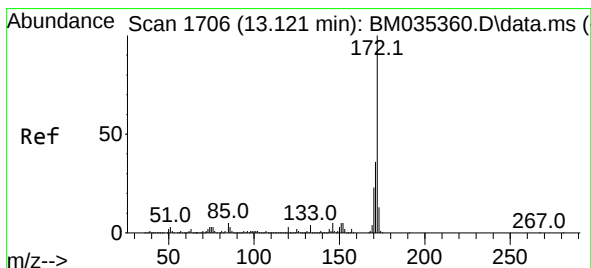
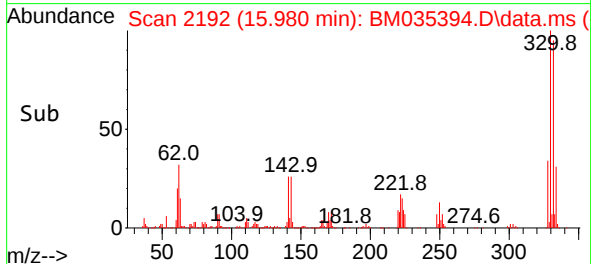
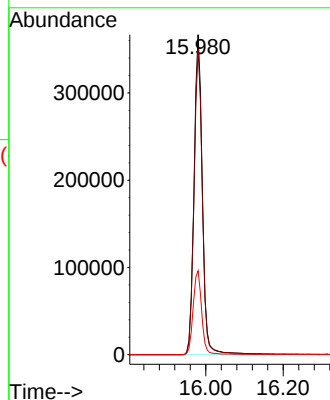
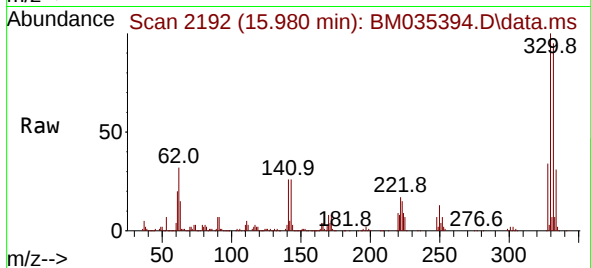
Tgt Ion:330 Resp: 550870

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.4

141 27.1 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 71.984 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.012 min

Lab File: BM035394.D

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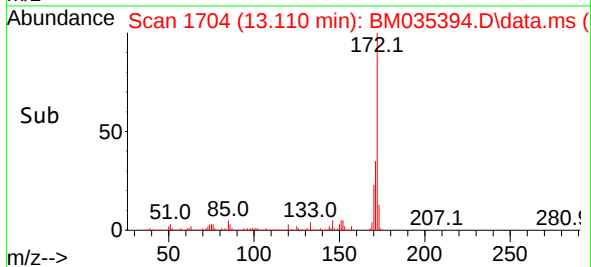
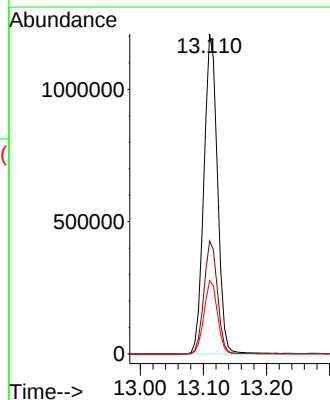
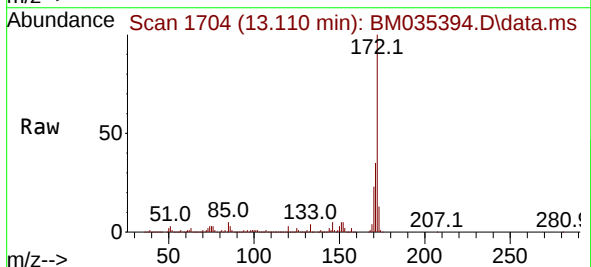
Tgt Ion:172 Resp: 1810331

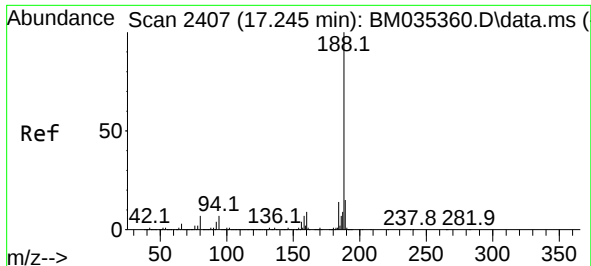
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.0 18.7 28.1

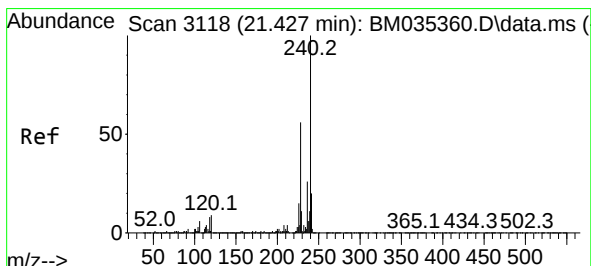
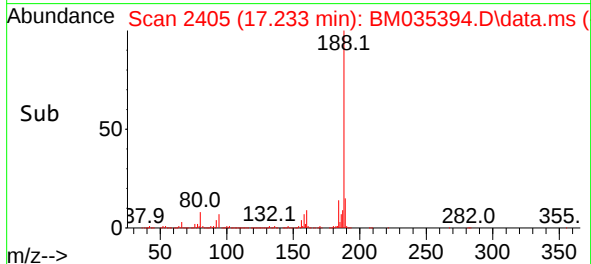
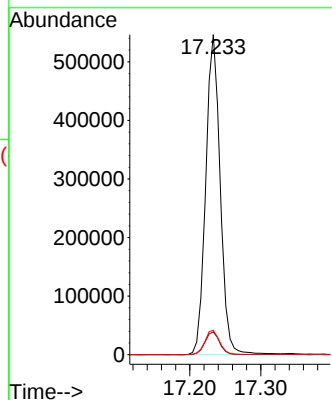
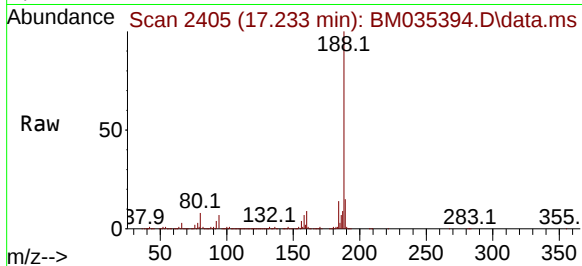




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BM035394.D
Acq: 03 Jun 2022 14:28

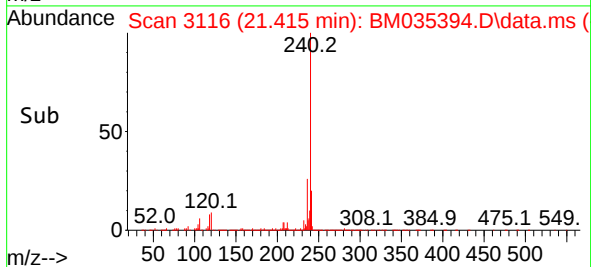
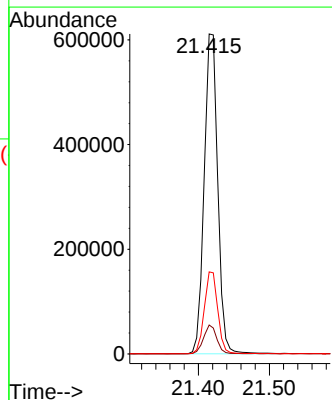
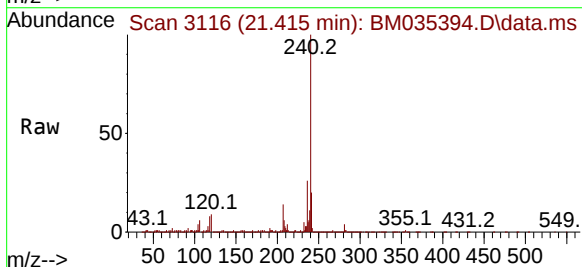
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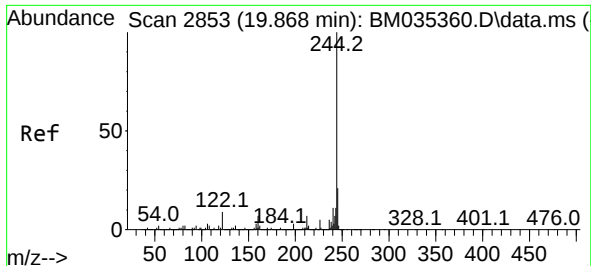
Tgt Ion:188 Resp: 775719
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.4
80 7.6 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM035394.D
Acq: 03 Jun 2022 14:28

Tgt Ion:240 Resp: 814082
Ion Ratio Lower Upper
240 100
120 9.0 9.4 14.0#
236 25.7 20.6 30.8

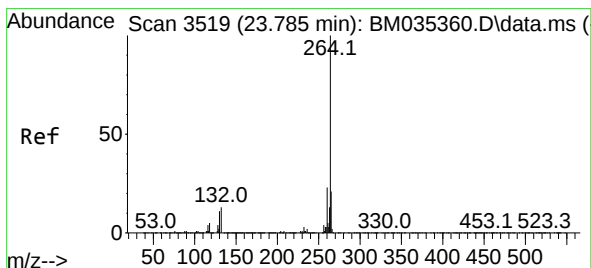
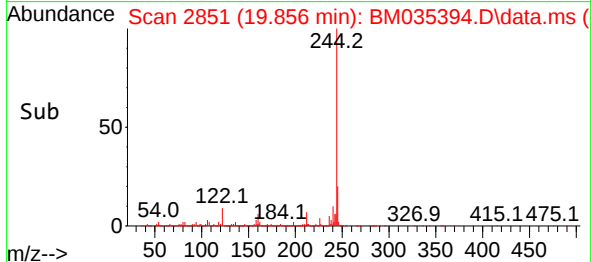
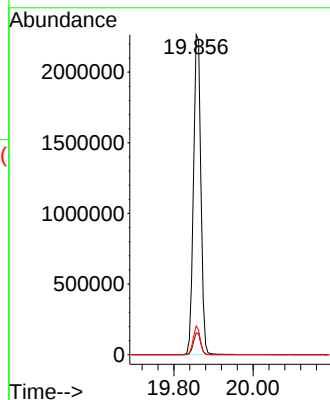
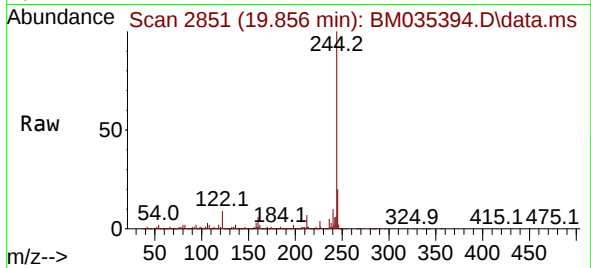




#79
 Terphenyl-d14
 Concen: 71.989 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM035394.D
 Acq: 03 Jun 2022 14:28

Instrument :
 BNA_M
 ClientSampleId :
 P033-SS001-0612-01

Tgt Ion:244 Resp: 2941601
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.4
 122 9.0 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: BM035394.D
 Acq: 03 Jun 2022 14:28

Tgt Ion:264 Resp: 886607
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.3 17.5 26.3

