

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
 Data File : BM036410.D
 Acq On : 25 Aug 2022 17:27
 Operator : CG/JU
 Sample : N4291-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Y-7

Quant Time: Aug 26 03:40:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 15:21:00 2022
 Response via : Initial Calibration

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

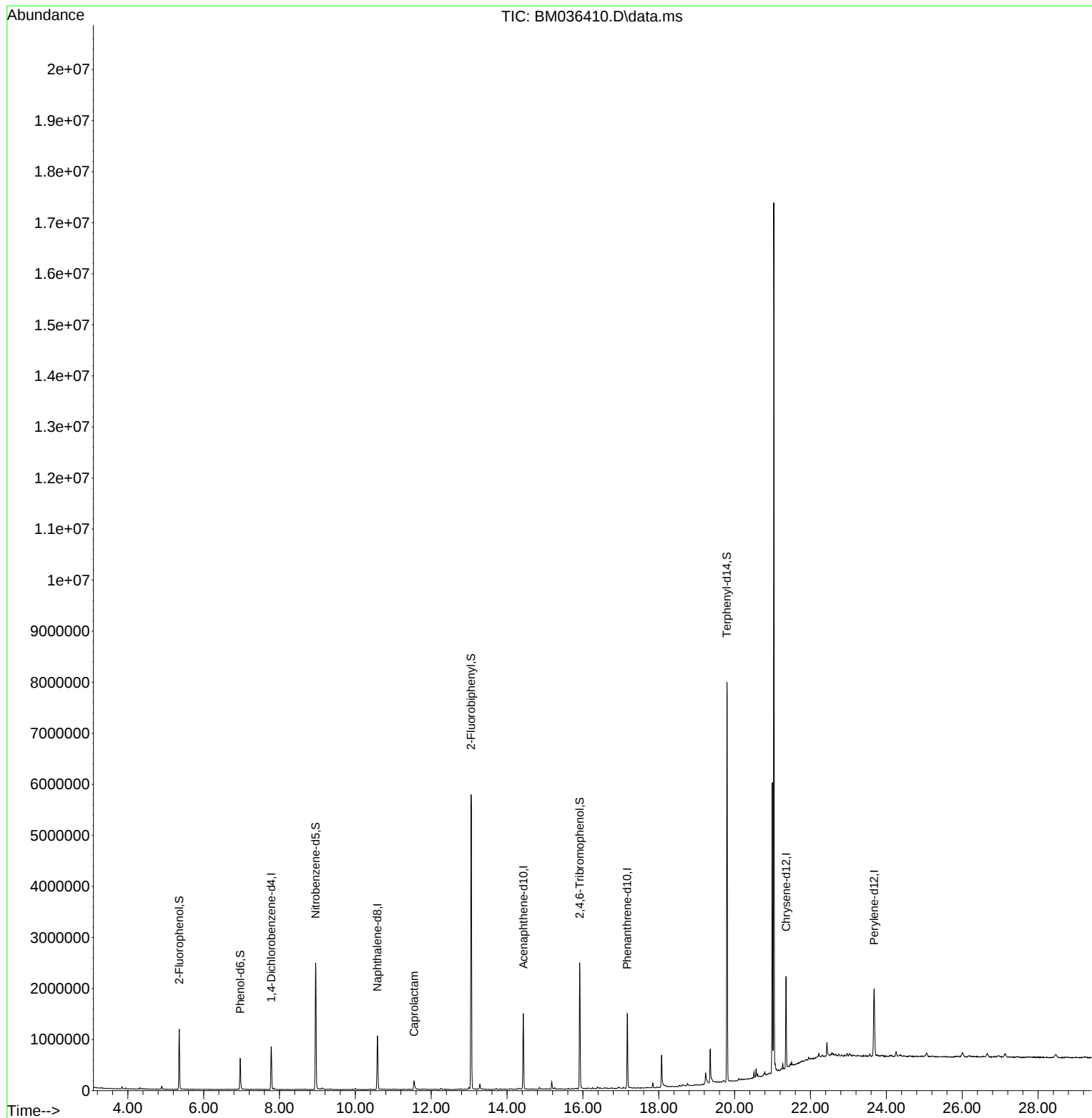
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	218758	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	861883	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	470578	20.000	ng	0.00
64) Phenanthrene-d10	17.168	188	867419	20.000	ng	# 0.00
76) Chrysene-d12	21.356	240	825554	20.000	ng	0.00
86) Perylene-d12	23.680	264	904547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	496936	36.829	ng	0.00
7) Phenol-d6	6.963	99	356510	20.765	ng	0.00
23) Nitrobenzene-d5	8.951	82	1393169	90.482	ng	0.00
42) 2,4,6-Tribromophenol	15.915	330	404628	73.296	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	2824476	88.620	ng	0.00
79) Terphenyl-d14	19.797	244	3532112	84.390	ng	0.00
Target Compounds						
35) Caprolactam	11.545	113	37022	10.106	ng	# 82

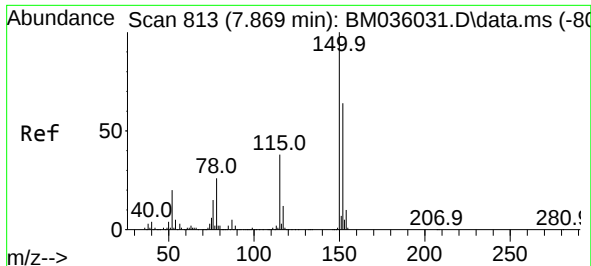
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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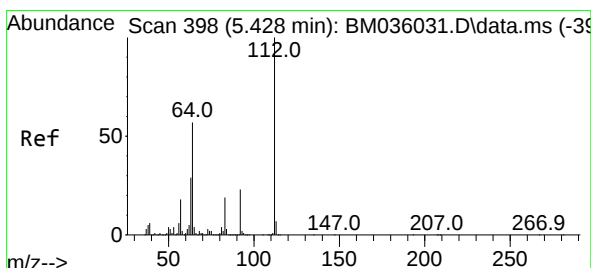
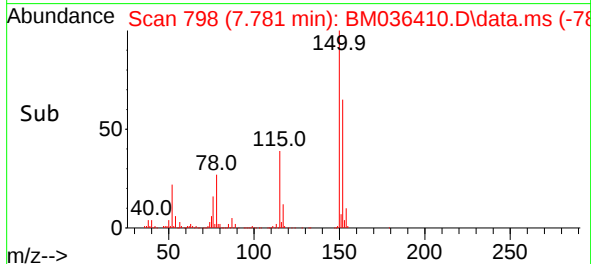
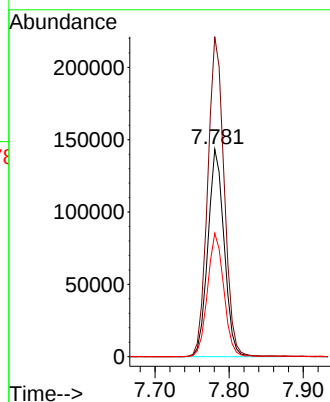
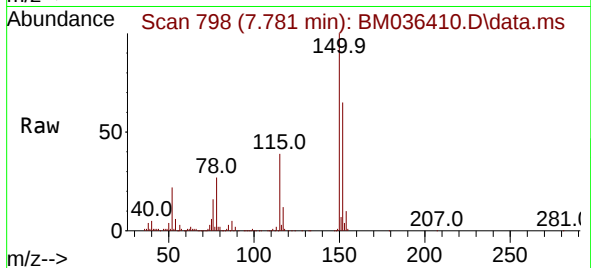




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

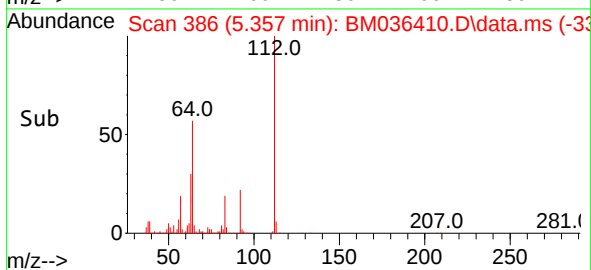
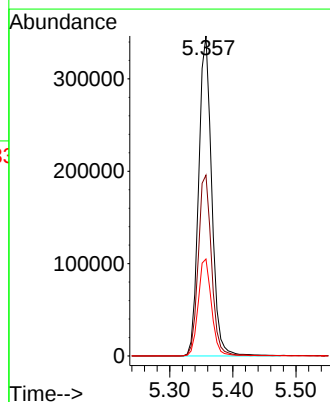
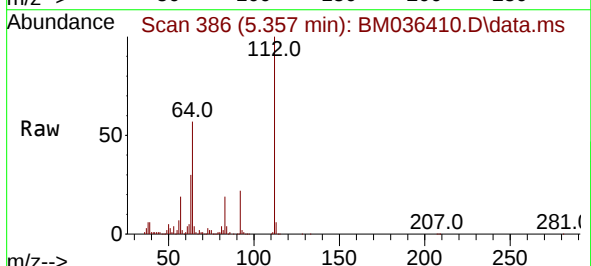
Instrument :
BNA_M
ClientSampleId :
Y-7

Tgt Ion:152 Resp: 218758
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 59.4 47.9 71.9



#5
2-Fluorophenol
Concen: 36.829 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.000 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

Tgt Ion:112 Resp: 496936
Ion Ratio Lower Upper
112 100
64 56.5 47.8 71.6
63 30.3 26.6 40.0

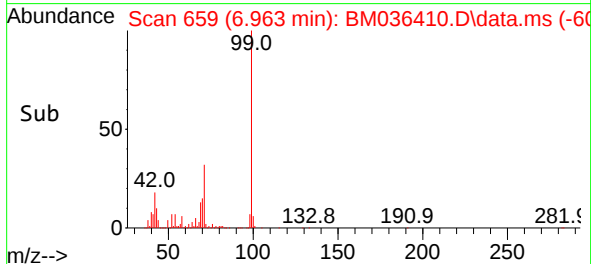
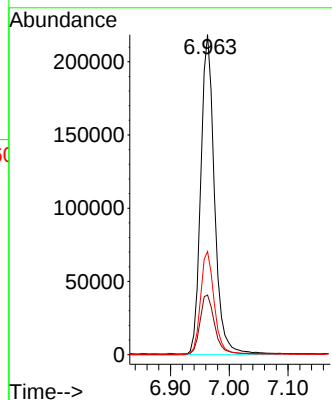
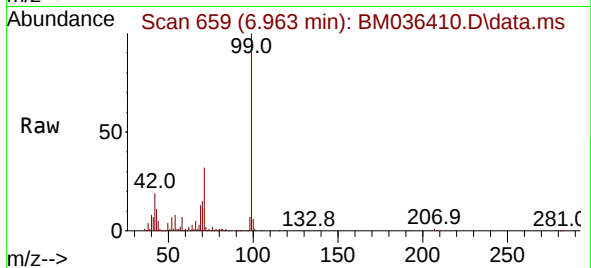




#7
Phenol-d6
Concen: 20.765 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

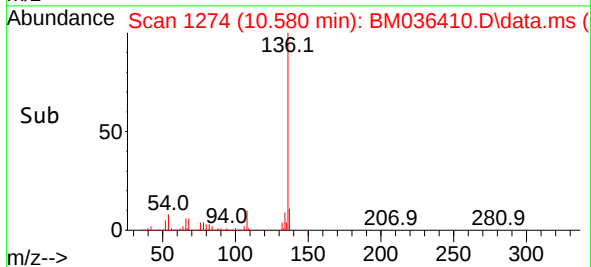
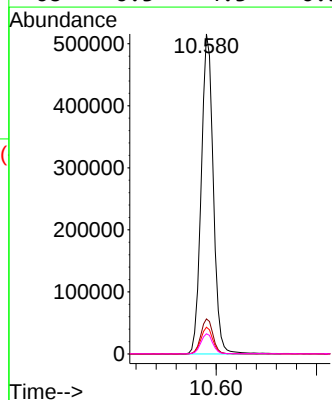
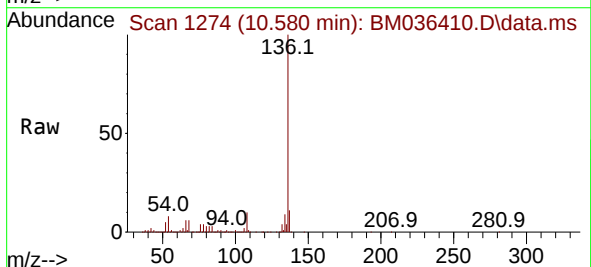
Instrument :
BNA_M
ClientSampleId :
Y-7

Tgt Ion: 99 Resp: 356510
Ion Ratio Lower Upper
99 100
42 18.7 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

Tgt Ion: 136 Resp: 861883
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 7.0 10.4
68 6.3 4.3 6.5

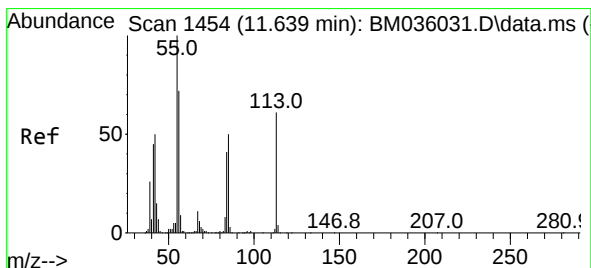
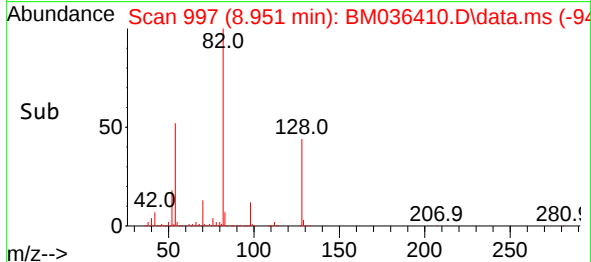
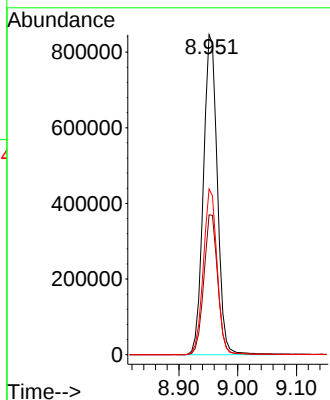
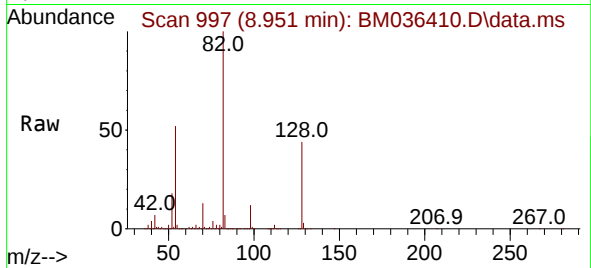




#23
Nitrobenzene-d5
Concen: 90.482 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

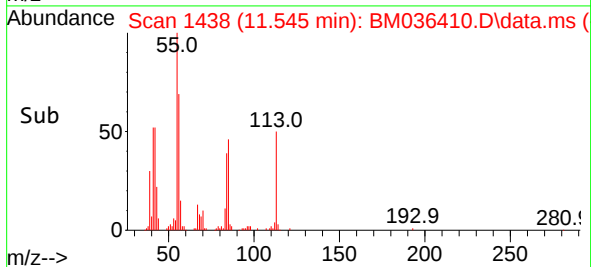
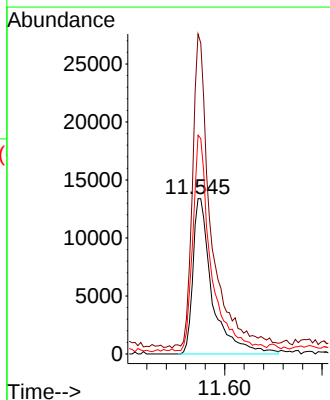
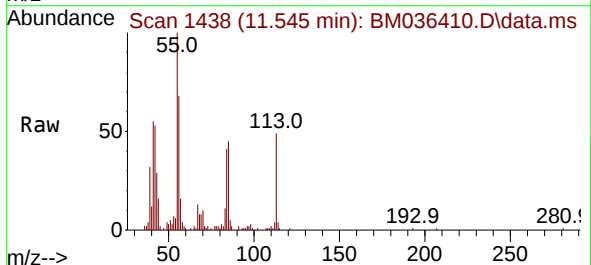
Instrument :
BNA_M
ClientSampleId :
Y-7

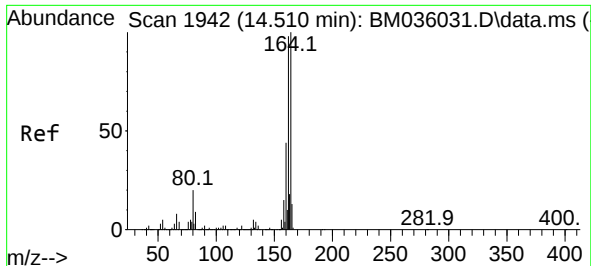
Tgt Ion: 82 Resp: 1393169
Ion Ratio Lower Upper
82 100
128 43.7 33.7 50.5
54 51.7 43.2 64.8



#35
Caprolactam
Concen: 10.106 ng
RT: 11.545 min Scan# 1438
Delta R.T. -0.024 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

Tgt Ion: 113 Resp: 37022
Ion Ratio Lower Upper
113 100
55 205.9 150.1 190.1#
56 140.7 111.7 151.7

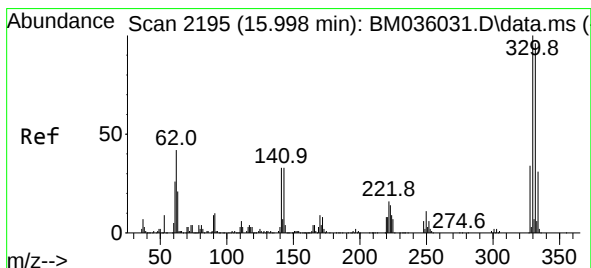
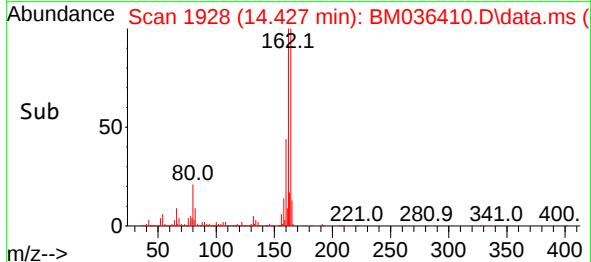
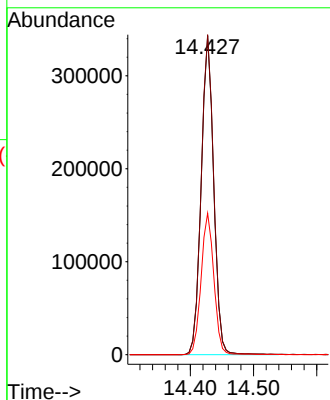
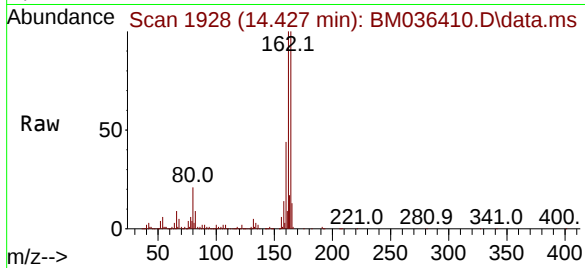




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

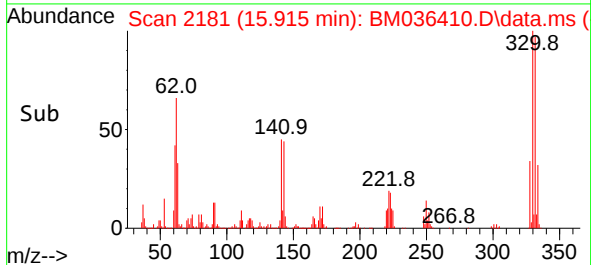
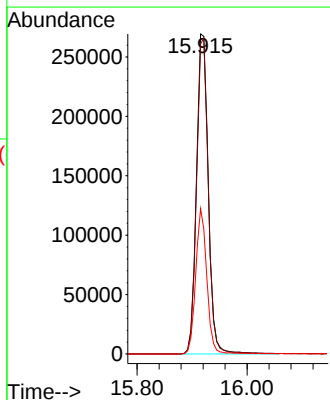
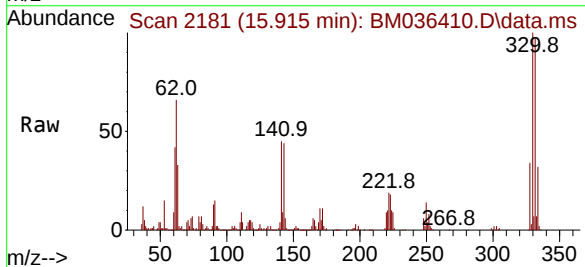
Instrument :
BNA_M
ClientSampleId :
Y-7

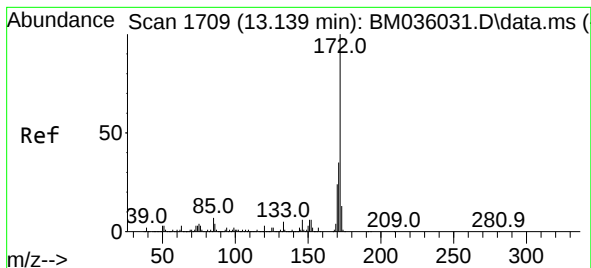
Tgt Ion:164 Resp: 470578
Ion Ratio Lower Upper
164 100
162 100.4 83.0 124.6
160 44.4 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 73.296 ng
RT: 15.915 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

Tgt Ion:330 Resp: 404628
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 42.4 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 88.620 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036410.D

Acq: 25 Aug 2022 17:27

Instrument :

BNA_M

ClientSampleId :

Y-7

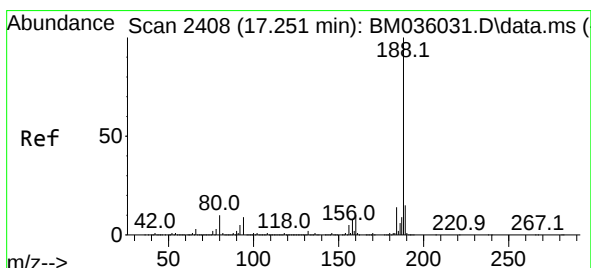
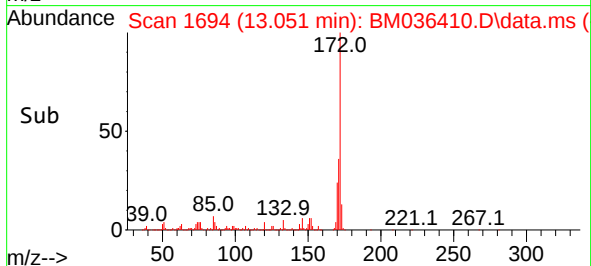
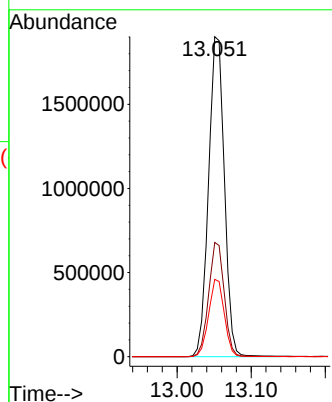
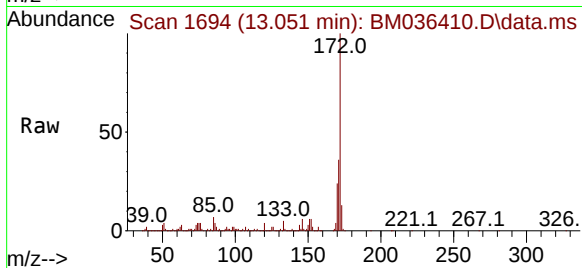
Tgt Ion:172 Resp: 2824476

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.1 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.168 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BM036410.D

Acq: 25 Aug 2022 17:27

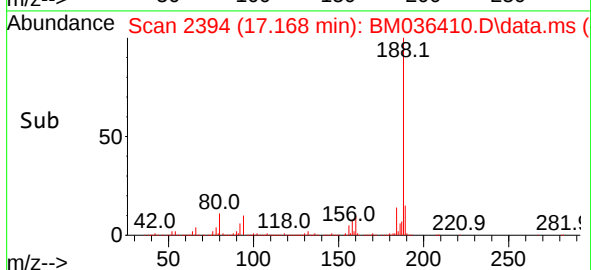
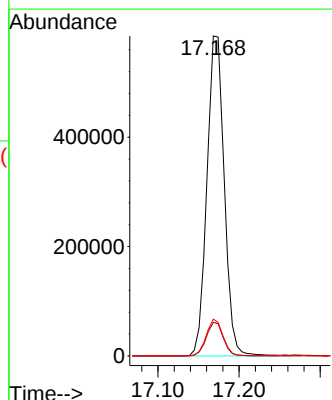
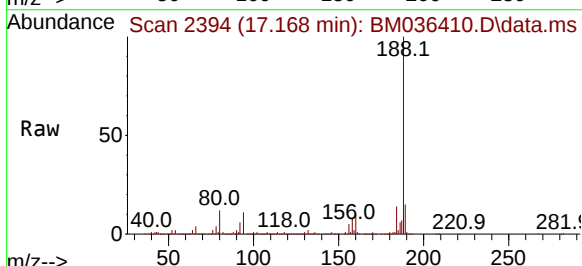
Tgt Ion:188 Resp: 867419

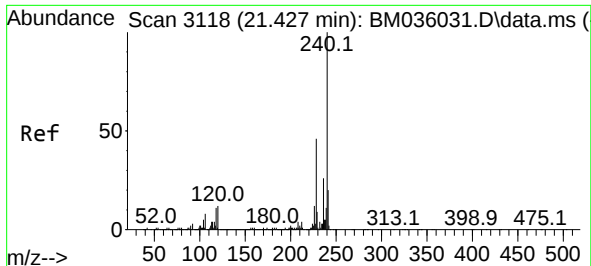
Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.4#

80 11.5 7.6 11.4#

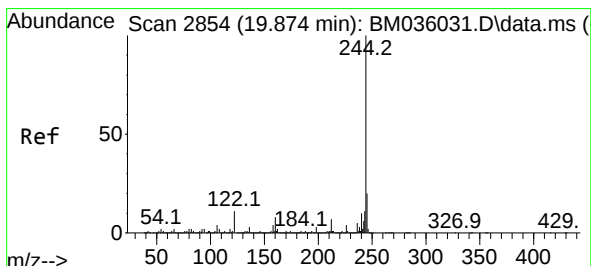
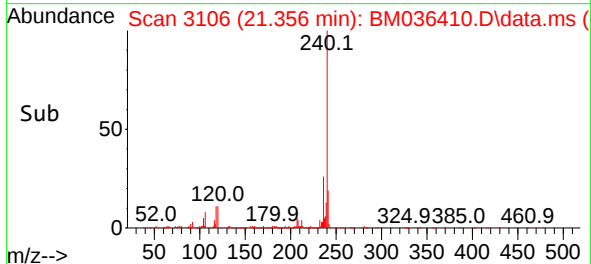
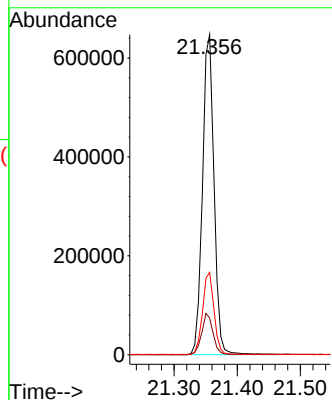
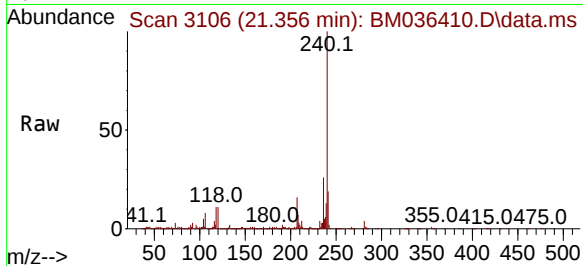




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

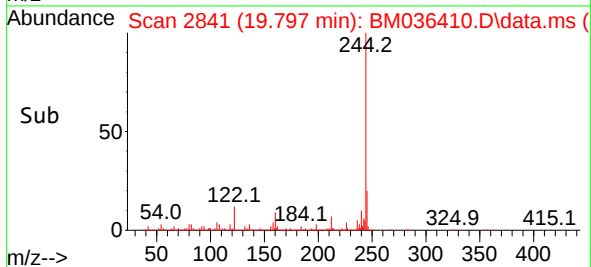
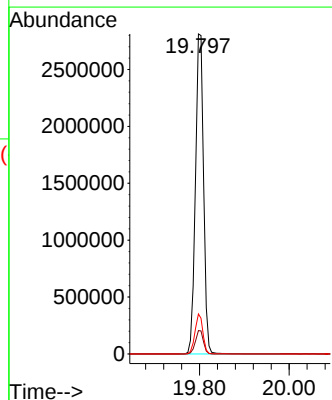
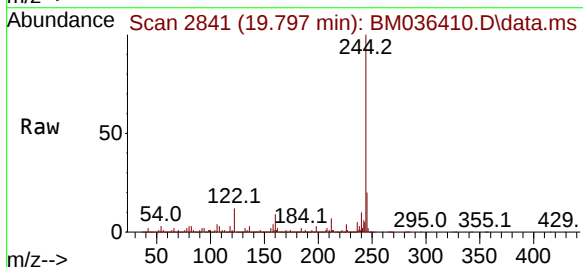
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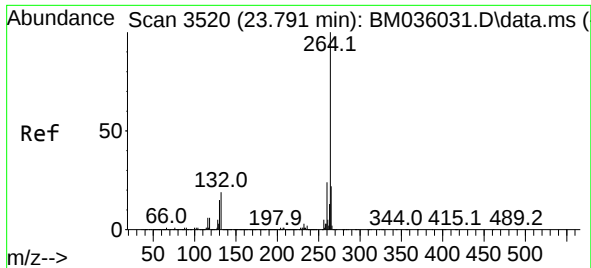
Tgt Ion:240 Resp: 825554
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.0
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 84.390 ng
RT: 19.797 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

Tgt Ion:244 Resp: 3532112
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 12.5 8.3 12.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM036410.D
Acq: 25 Aug 2022 17:27

Instrument :
BNA_M
ClientSampleId :
Y-7

Tgt Ion:264 Resp: 904547

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.5	26.3

