

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040130.D
 Acq On : 07 Jun 2023 08:17
 Operator : MA/JU
 Sample : 03029-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Quant Time: Jun 07 09:04:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

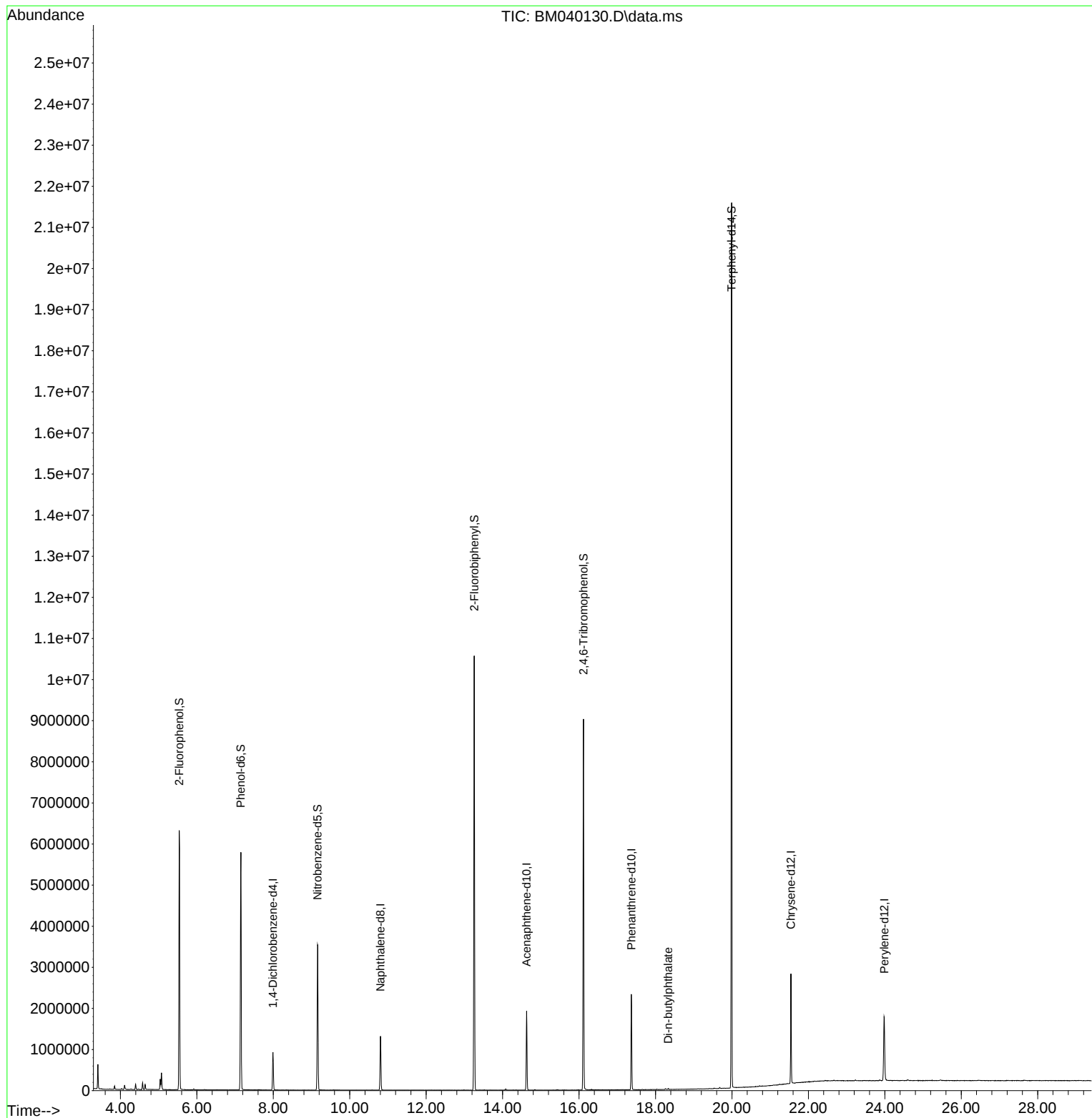
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	239077	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1030378	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	565083	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1200224	20.000	ng	0.00
76) Chrysene-d12	21.545	240	993924	20.000	ng	-0.01
86) Perylene-d12	23.986	264	992401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2700724	173.280	ng	0.00
7) Phenol-d6	7.151	99	3270398	160.855	ng	0.00
23) Nitrobenzene-d5	9.157	82	1988475	104.135	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1470577	200.506	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4752735	99.203	ng	0.00
79) Terphenyl-d14	19.992	244	9293869	145.188	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.333	149	15619	3.837	ng	Qvalue # 98

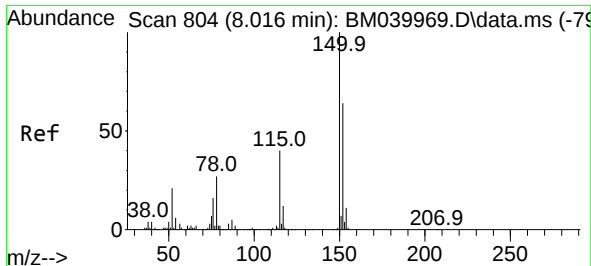
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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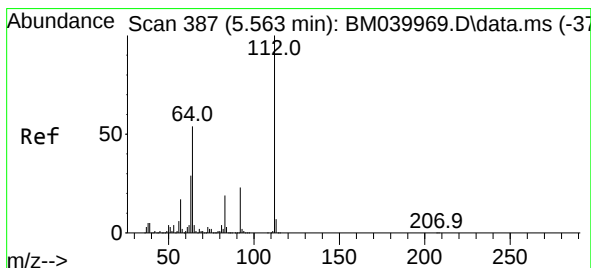
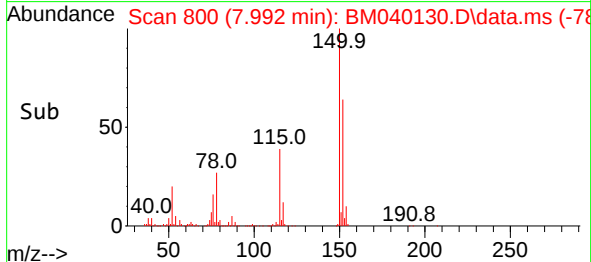
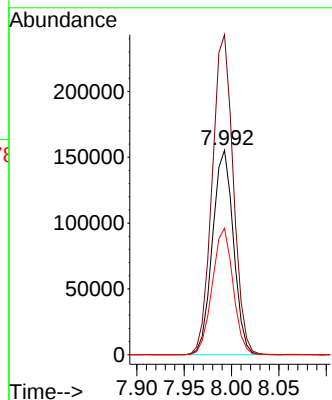
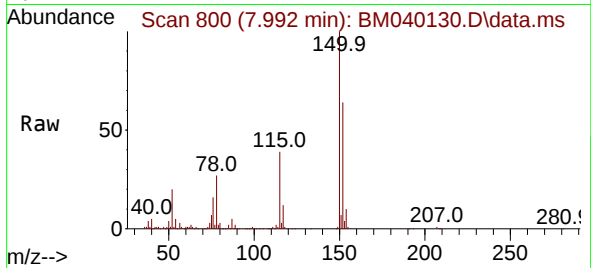




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

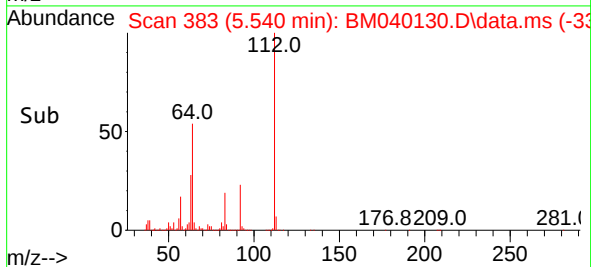
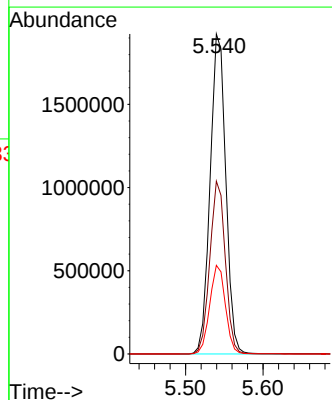
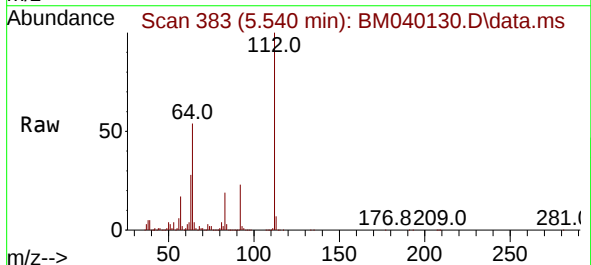
Instrument :
BNA_M
ClientSampleId :
TP-7

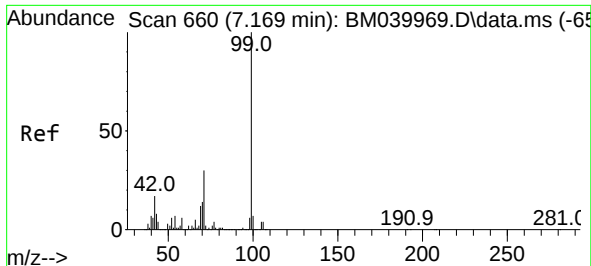
Tgt Ion:152 Resp: 239077
Ion Ratio Lower Upper
152 100
150 156.4 125.5 188.3
115 61.8 50.2 75.2



#5
2-Fluorophenol
Concen: 173.280 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

Tgt Ion:112 Resp: 2700724
Ion Ratio Lower Upper
112 100
64 54.0 43.0 64.4
63 27.7 22.9 34.3



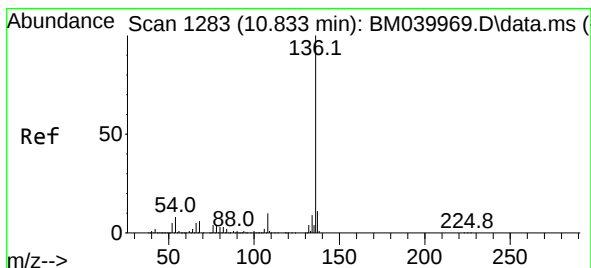
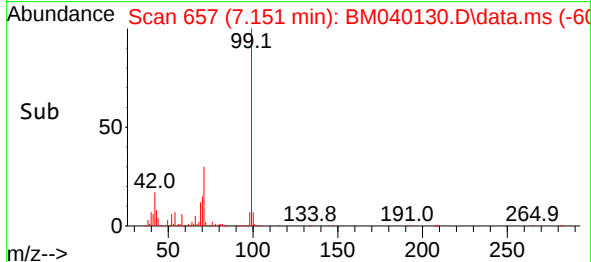
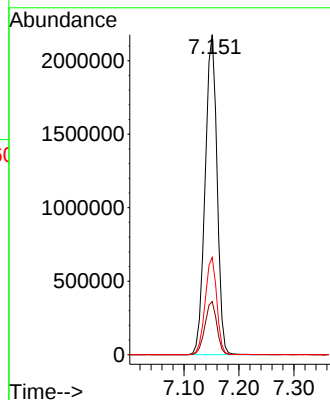
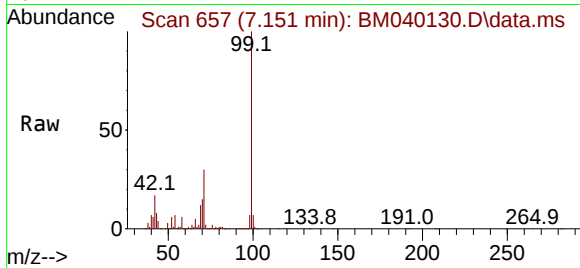


#7
Phenol-d6
Concen: 160.855 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

Instrument :
BNA_M
ClientSampleId :
TP-7

Tgt Ion: 99 Resp: 3270398

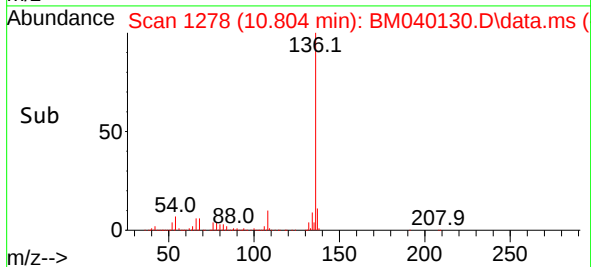
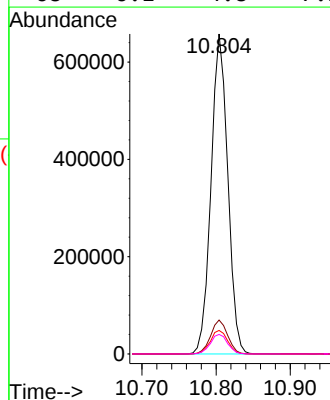
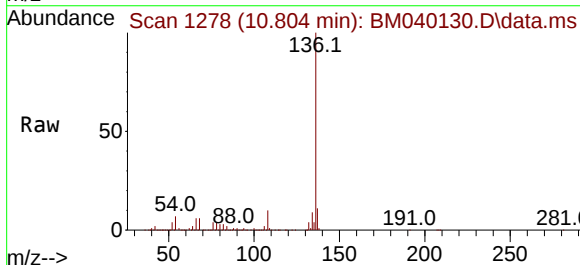
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	30.4	24.4	36.6

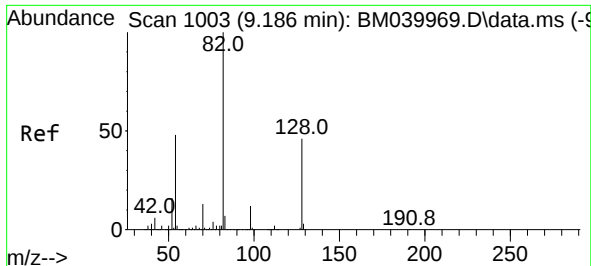


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

Tgt Ion:136 Resp: 1030378

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.3	6.1	9.1
68	6.1	4.8	7.2

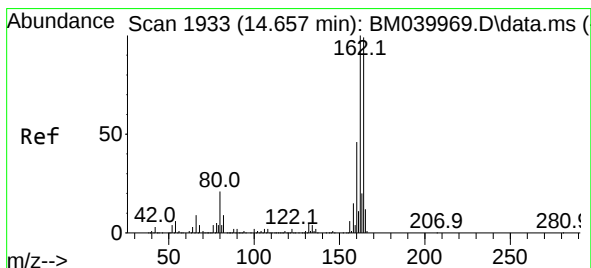
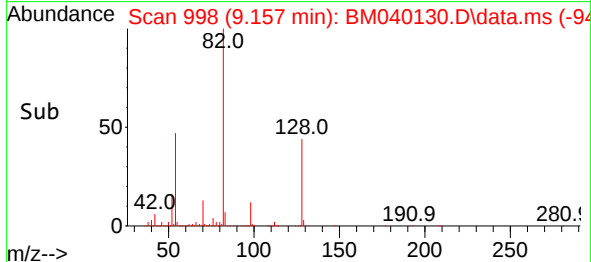
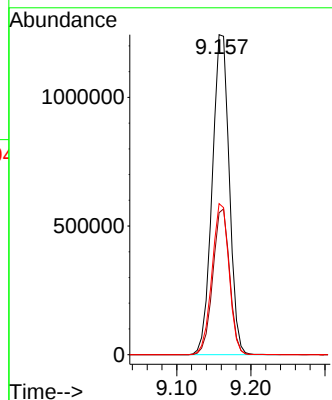
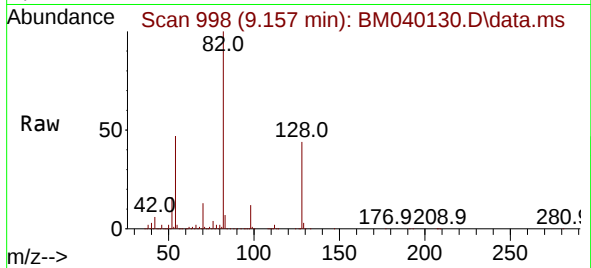




#23
Nitrobenzene-d5
Concen: 104.135 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

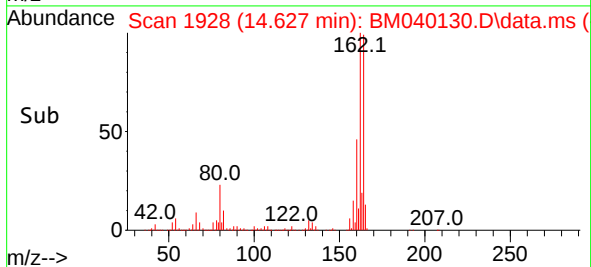
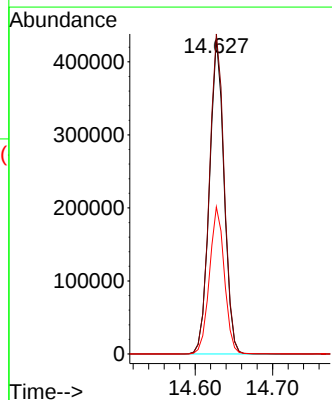
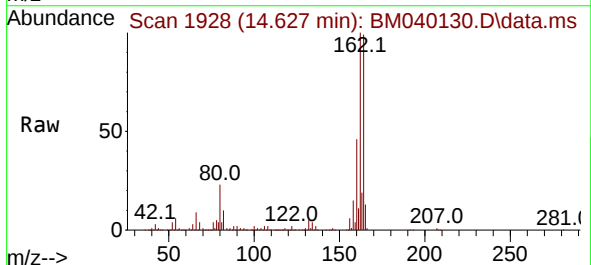
Instrument :
BNA_M
ClientSampleId :
TP-7

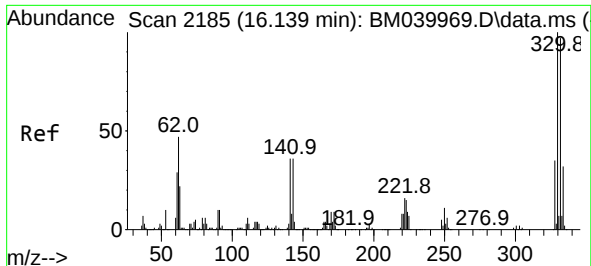
Tgt Ion: 82 Resp: 1988475
Ion Ratio Lower Upper
82 100
128 44.3 36.5 54.7
54 47.2 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

Tgt Ion:164 Resp: 565083
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 46.6 36.7 55.1

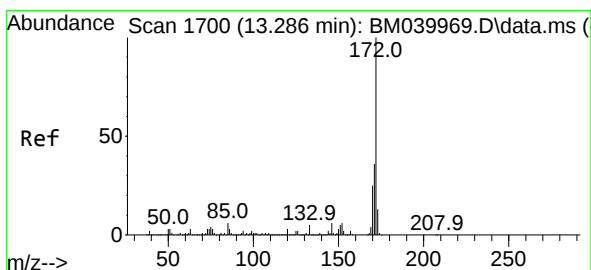
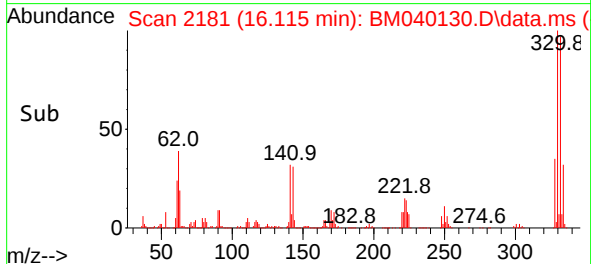
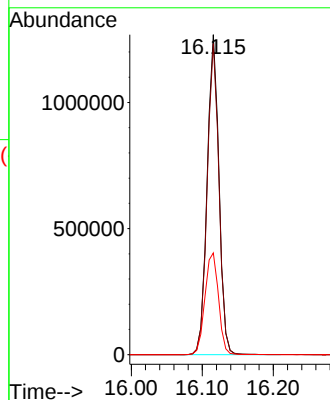
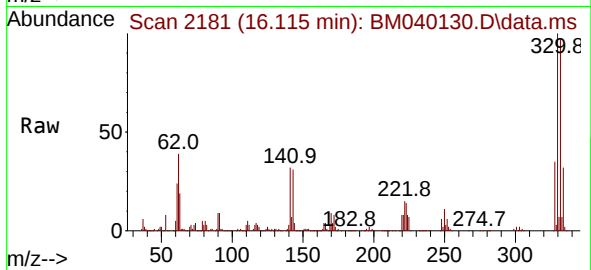




#42
2,4,6-Tribromophenol
Concen: 200.506 ng
RT: 16.115 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

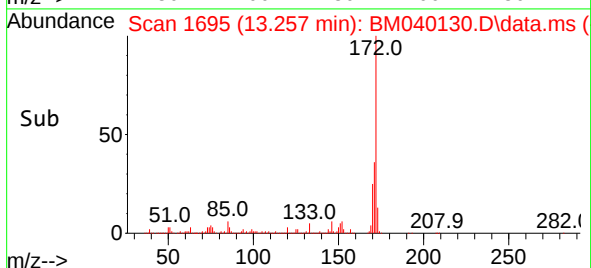
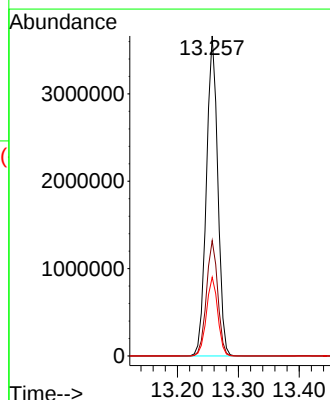
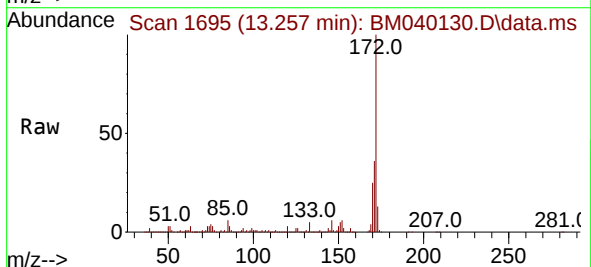
Instrument :
BNA_M
ClientSampleId :
TP-7

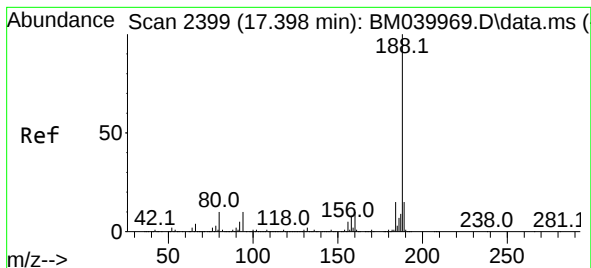
Tgt Ion:330 Resp: 1470577
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 36.5 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 99.203 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

Tgt Ion:172 Resp: 4752735
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040130.D

Acq: 07 Jun 2023 08:17

Instrument :

BNA_M

ClientSampleId :

TP-7

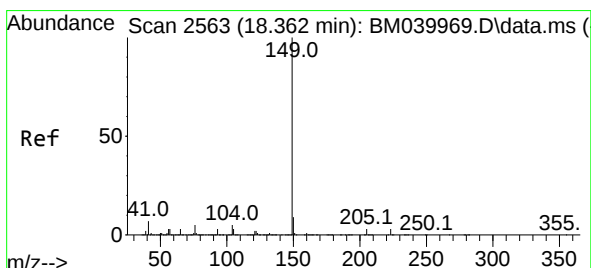
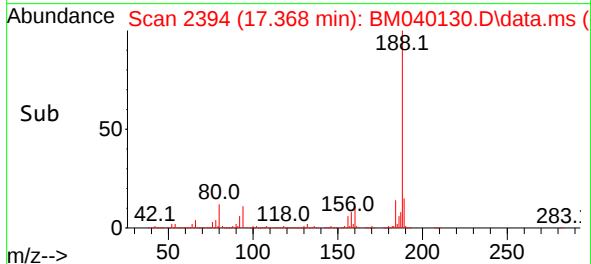
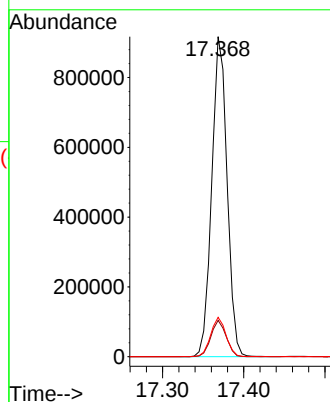
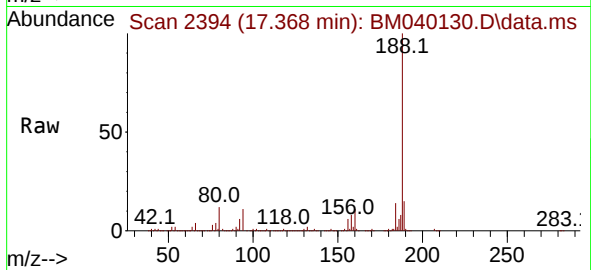
Tgt Ion:188 Resp: 1200224

Ion Ratio Lower Upper

188 100

94 11.3 7.8 11.8

80 12.3 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.837 ng

RT: 18.333 min Scan# 2558

Delta R.T. -0.012 min

Lab File: BM040130.D

Acq: 07 Jun 2023 08:17

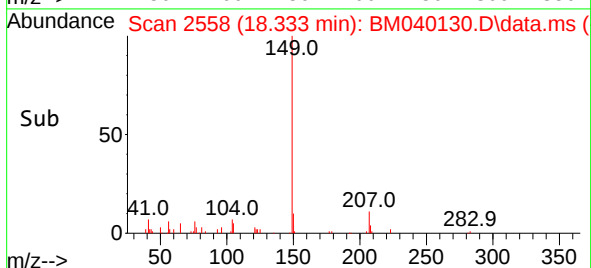
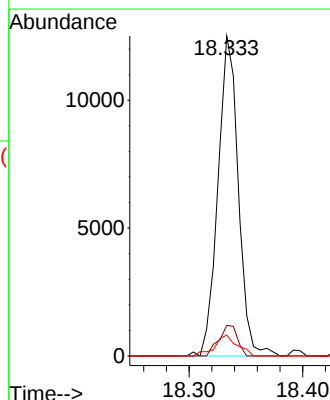
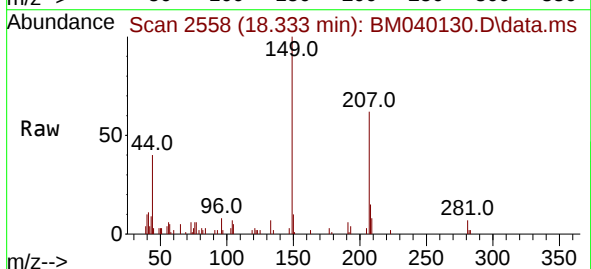
Tgt Ion:149 Resp: 15619

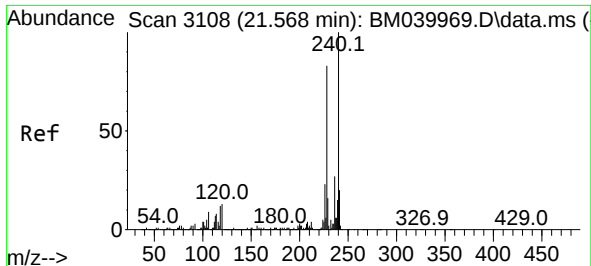
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 6.5 4.2 6.2#

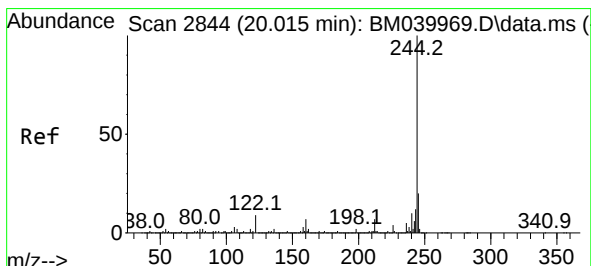
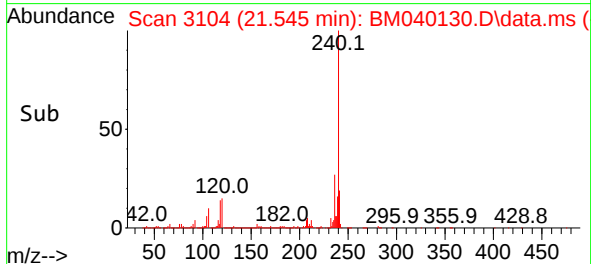
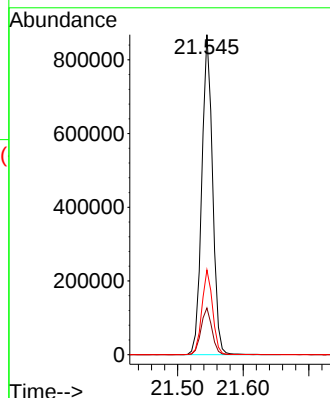
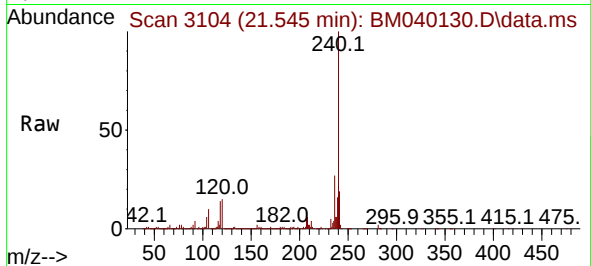




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

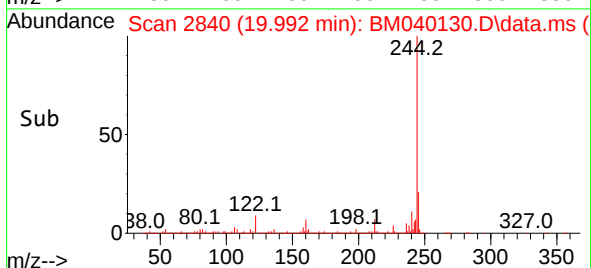
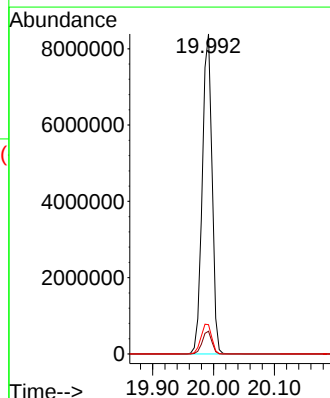
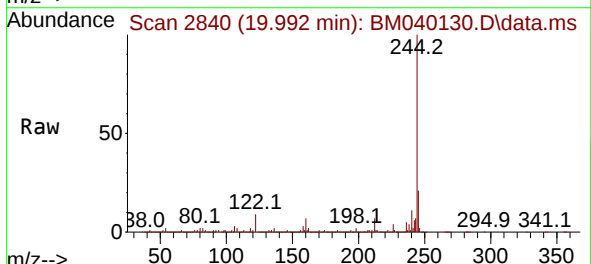
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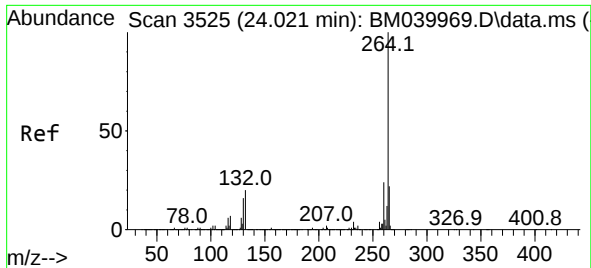
Tgt Ion:240 Resp: 993924
Ion Ratio Lower Upper
240 100
120 14.6 10.1 15.1
236 26.5 21.3 31.9



#79
Terphenyl-d14
Concen: 145.188 ng
RT: 19.992 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

Tgt Ion:244 Resp: 9293869
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 9.1 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040130.D
Acq: 07 Jun 2023 08:17

Instrument :
BNA_M
ClientSampleId :
TP-7

Tgt Ion:264 Resp: 992401
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.7 17.7 26.5

