

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040117.D
 Acq On : 06 Jun 2023 23:14
 Operator : MA/JU
 Sample : 03018-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11991

Quant Time: Jun 07 02:14:42 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)

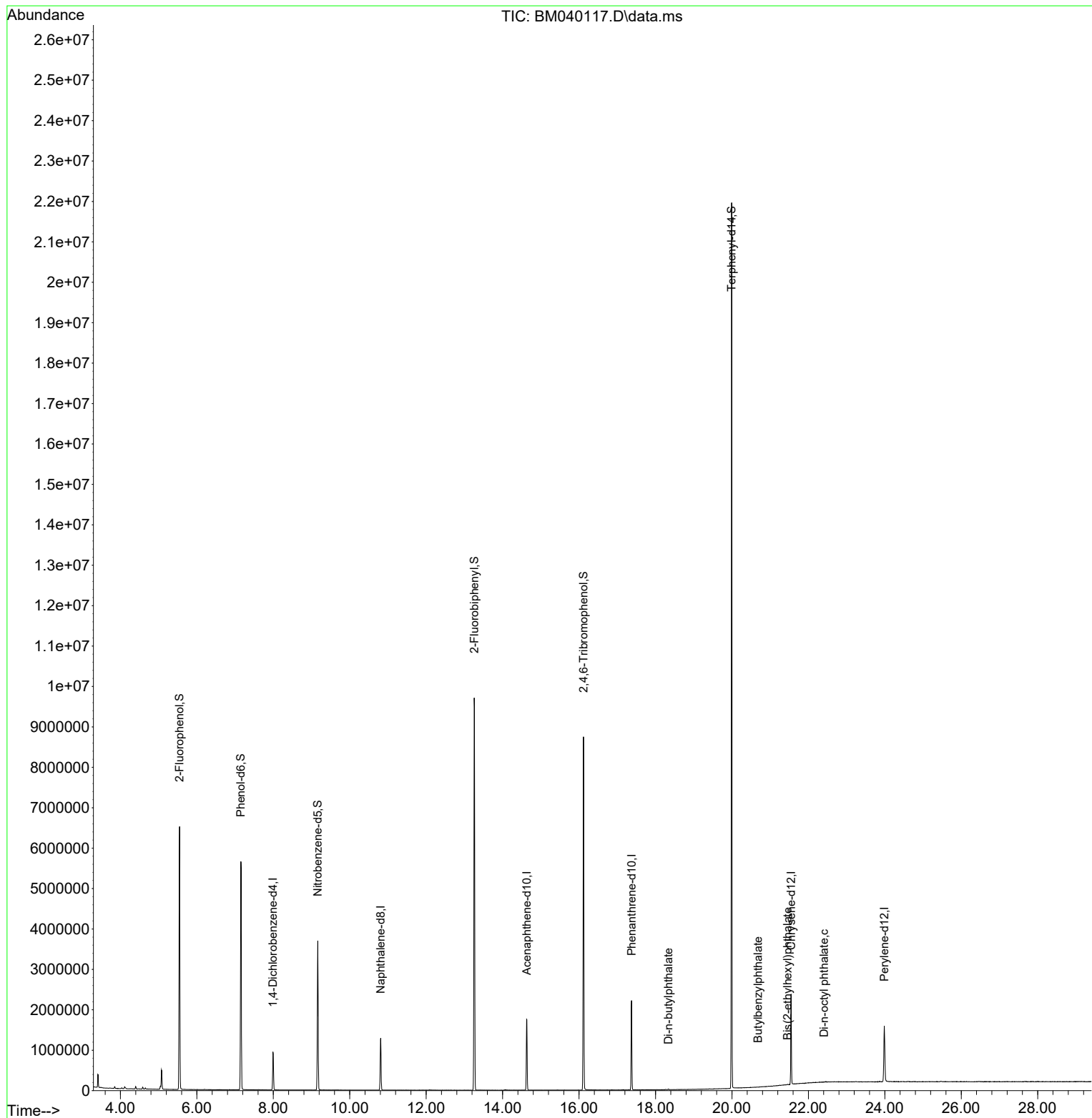
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	239714	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1022801	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	554373	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1148763	20.000	ng	0.00
76) Chrysene-d12	21.550	240	893769	20.000	ng	0.00
86) Perylene-d12	23.986	264	870440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2725507	174.406	ng	0.00
7) Phenol-d6	7.151	99	3287831	161.283	ng	0.00
23) Nitrobenzene-d5	9.163	82	1987064	104.832	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1426458	198.248	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4634305	98.600	ng	0.00
79) Terphenyl-d14	19.992	244	8928232	155.106	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.339	149	10275	3.783	ng	99
80) Butylbenzylphthalate	20.680	149	562	4.851	ng	# 77
84) Bis(2-ethylhexyl)phtha...	21.456	149	2458	3.655	ng	# 85
85) Di-n-octyl phthalate	22.409	149	236	6.616	ng	# 1

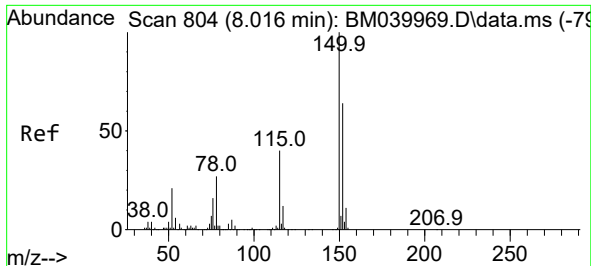
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 02:14:42 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

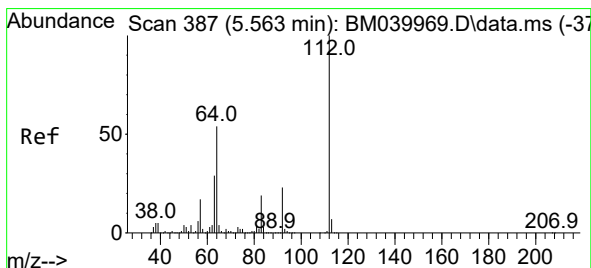
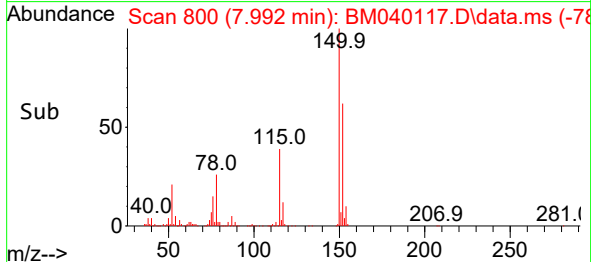
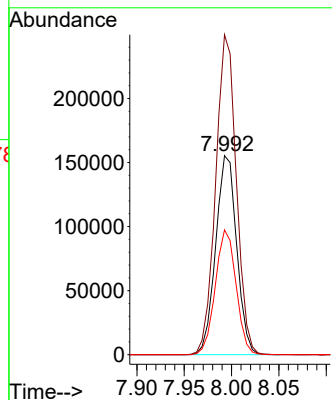
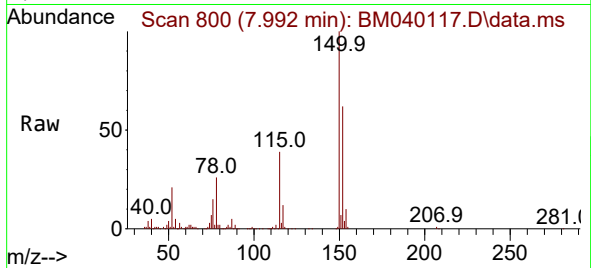




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 80
Delta R.T. -0.007 min
Lab File: BM040117.D
Acq: 06 Jun 2023 23:14

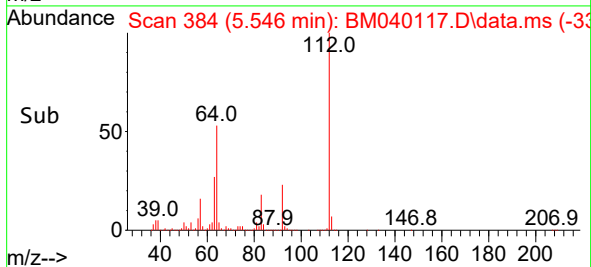
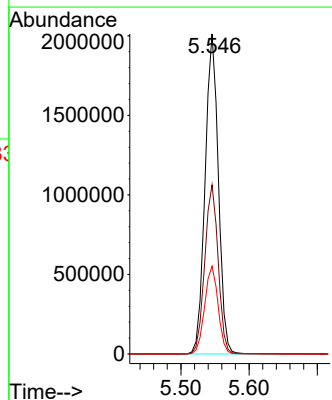
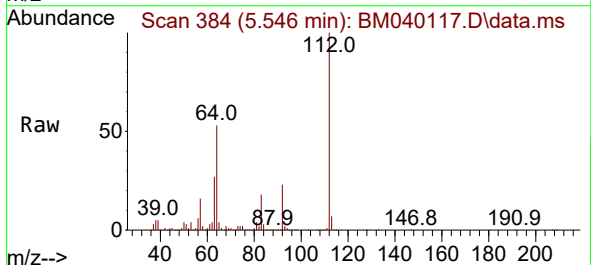
Instrument :
BNA_M
ClientSampleId :
72-11991

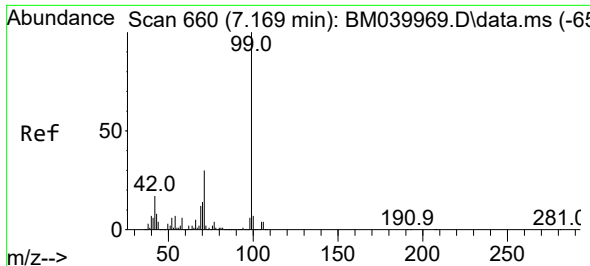
Tgt Ion:152 Resp: 239714
Ion Ratio Lower Upper
152 100
150 160.7 125.5 188.3
115 62.7 50.2 75.2



#5
2-Fluorophenol
Concen: 174.406 ng
RT: 5.546 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM040117.D
Acq: 06 Jun 2023 23:14

Tgt Ion:112 Resp: 2725507
Ion Ratio Lower Upper
112 100
64 52.9 43.0 64.4
63 27.4 22.9 34.3



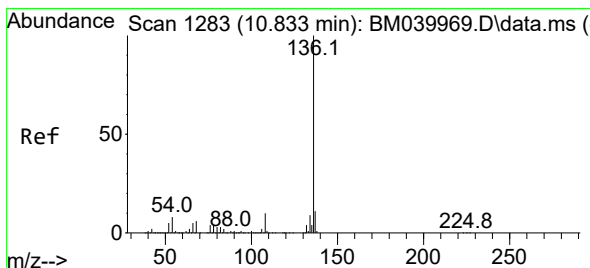
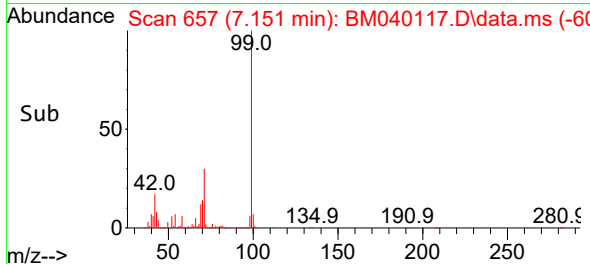
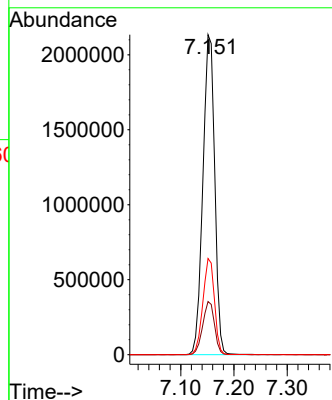
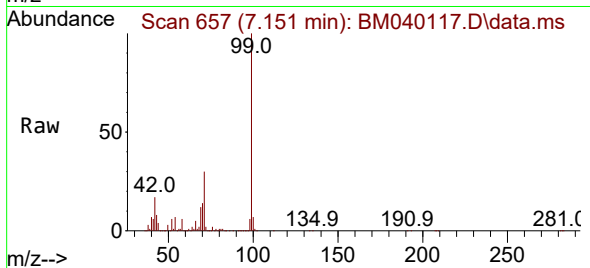


#7
Phenol-d6
Concen: 161.283 ng
RT: 7.151 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM040117.D
Acq: 06 Jun 2023 23:14

Instrument :
BNA_M
ClientSampleId :
72-11991

Tgt Ion: 99 Resp: 3287831

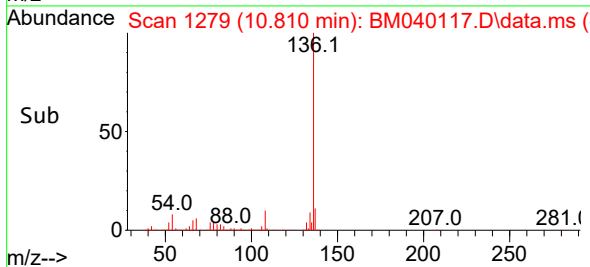
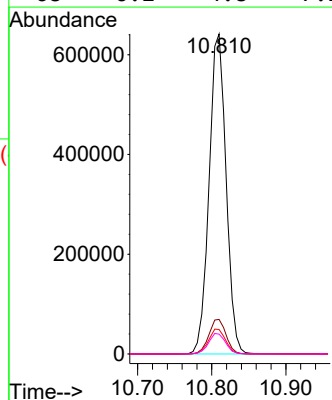
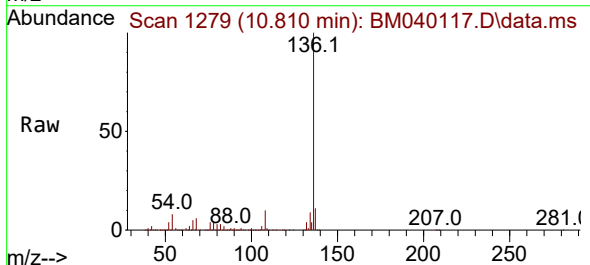
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	30.1	24.4	36.6

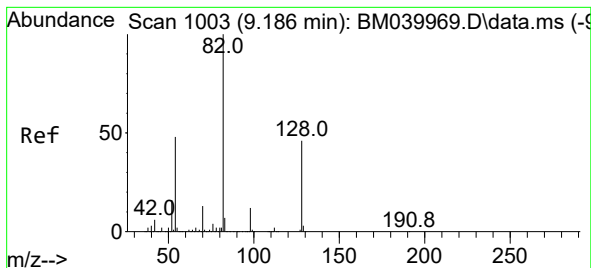


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040117.D
Acq: 06 Jun 2023 23:14

Tgt Ion: 136 Resp: 1022801

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.1	9.1
68	6.2	4.8	7.2





#23

Nitrobenzene-d5

Concen: 104.832 ng

RT: 9.163 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040117.D

Acq: 06 Jun 2023 23:14

Instrument :

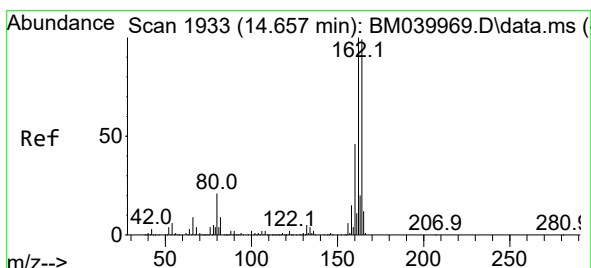
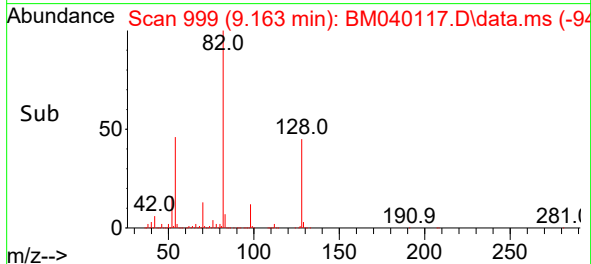
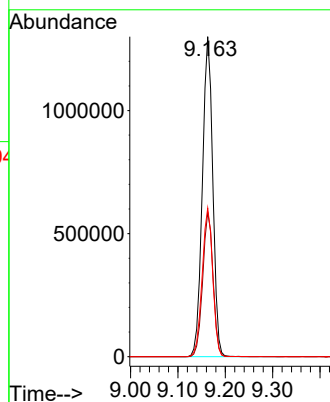
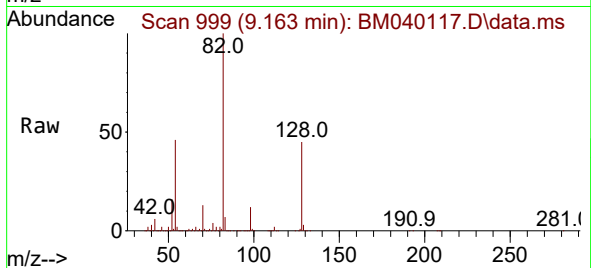
BNA_M

ClientSampleId :

72-11991

Tgt Ion: 82 Resp: 1987064

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	46.5	38.3	57.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1929

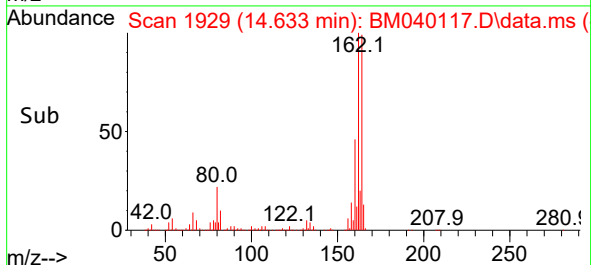
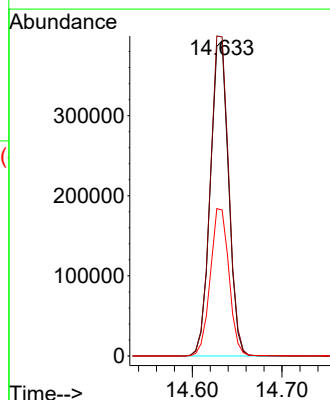
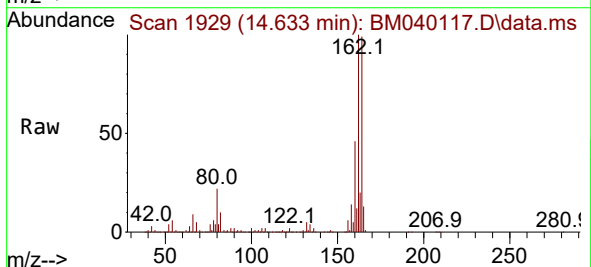
Delta R.T. -0.000 min

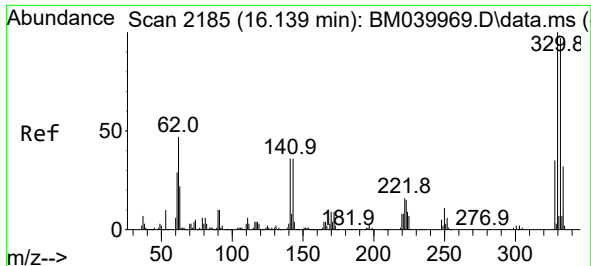
Lab File: BM040117.D

Acq: 06 Jun 2023 23:14

Tgt Ion: 164 Resp: 554373

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	46.3	36.7	55.1

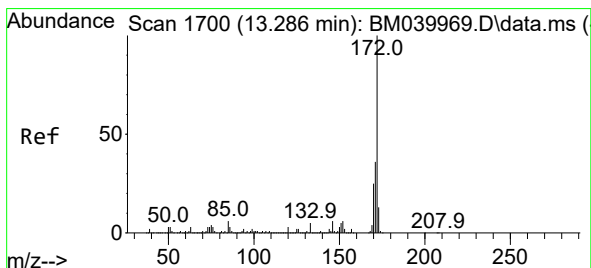
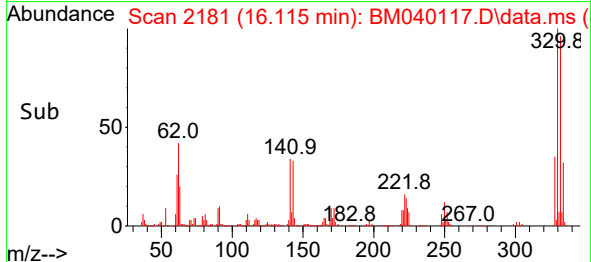
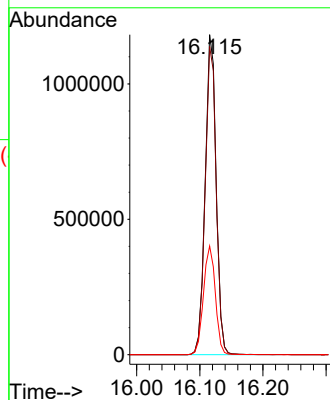
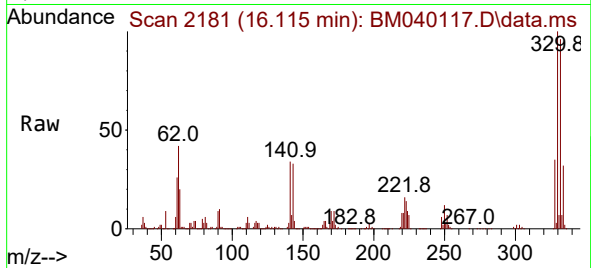




#42
2,4,6-Tribromophenol
Concen: 198.248 ng
RT: 16.115 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM040117.D
Acq: 06 Jun 2023 23:14

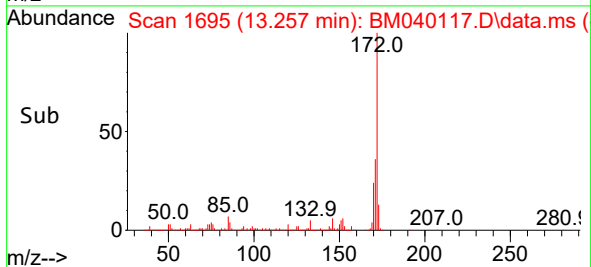
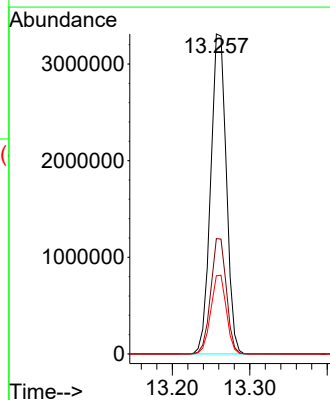
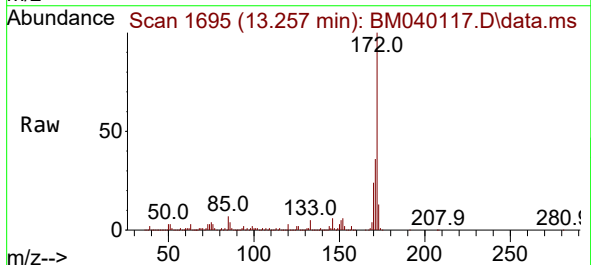
Instrument :
BNA_M
ClientSampleId :
72-11991

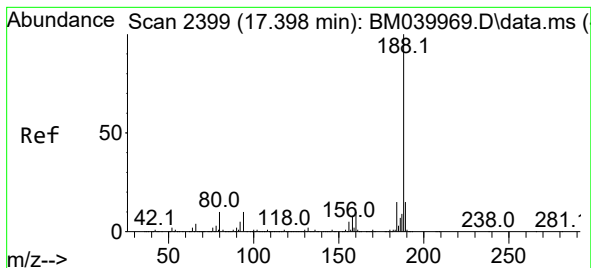
Tgt Ion:330 Resp: 1426458
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 36.7 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 98.600 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM040117.D
Acq: 06 Jun 2023 23:14

Tgt Ion:172 Resp: 4634305
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.5 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040117.D

Acq: 06 Jun 2023 23:14

Instrument :

BNA_M

ClientSampleId :

72-11991

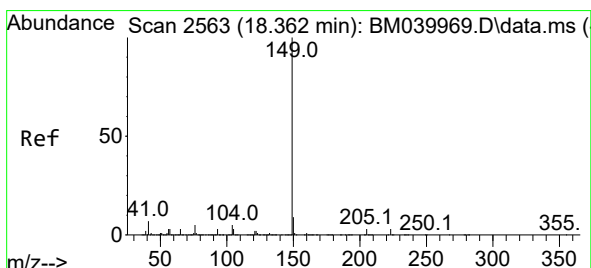
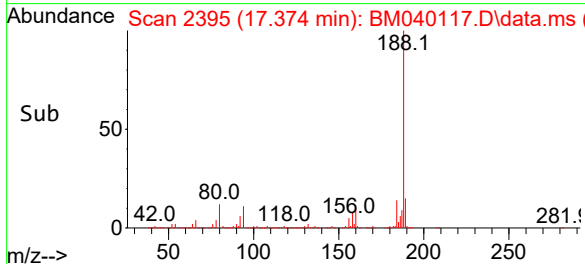
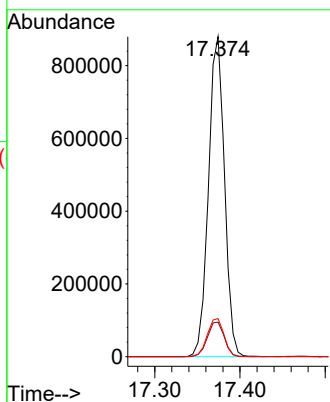
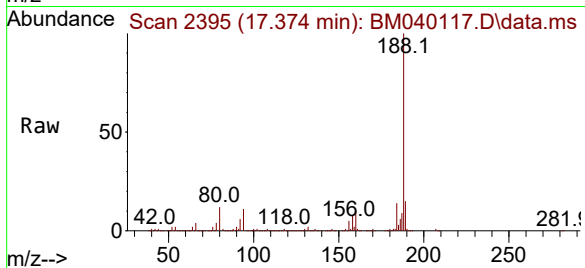
Tgt Ion:188 Resp: 1148763

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.8

80 11.9 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.783 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.006 min

Lab File: BM040117.D

Acq: 06 Jun 2023 23:14

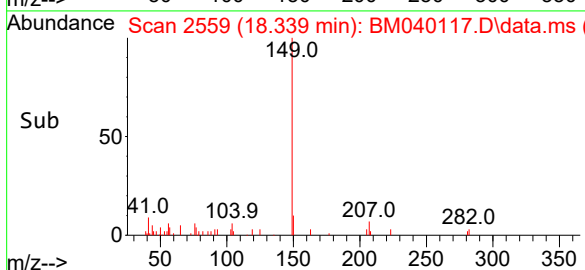
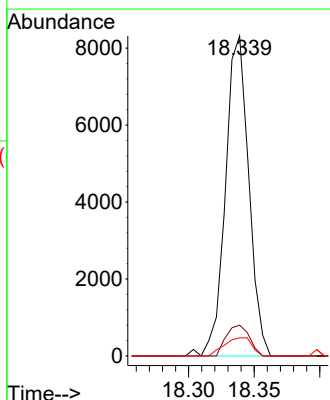
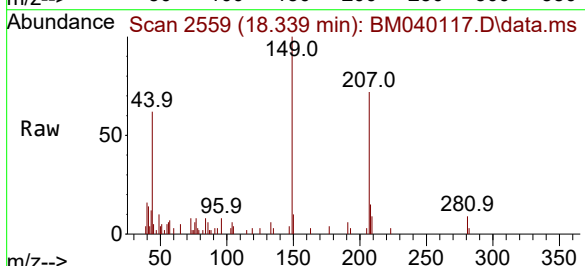
Tgt Ion:149 Resp: 10275

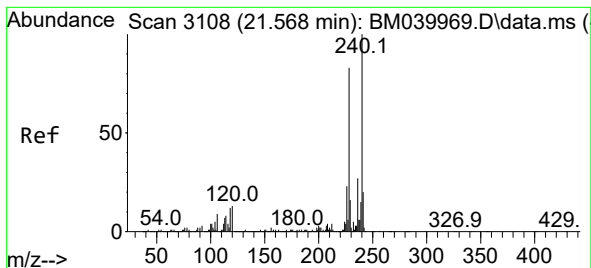
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

104 5.7 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM040117.D

Acq: 06 Jun 2023 23:14

Instrument :

BNA_M

ClientSampleId :

72-11991

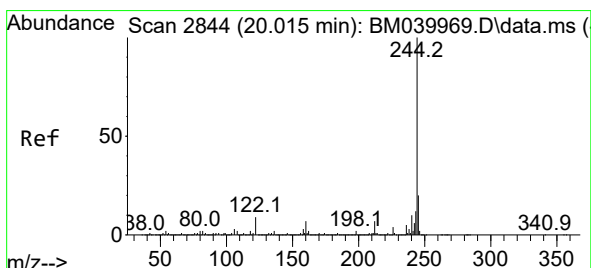
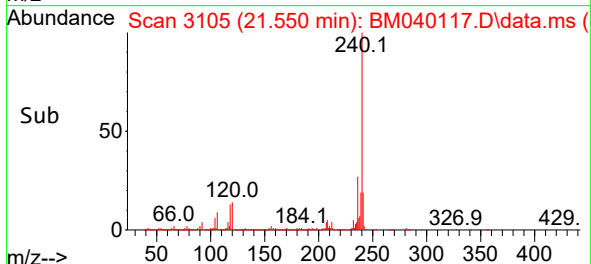
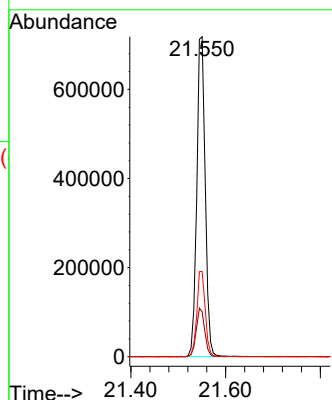
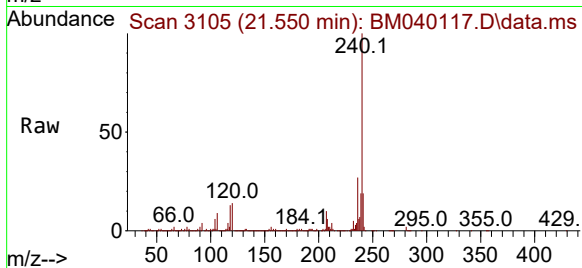
Tgt Ion:240 Resp: 893769

Ion Ratio Lower Upper

240 100

120 14.0 10.1 15.1

236 26.7 21.3 31.9



#79

Terphenyl-d14

Concen: 155.106 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040117.D

Acq: 06 Jun 2023 23:14

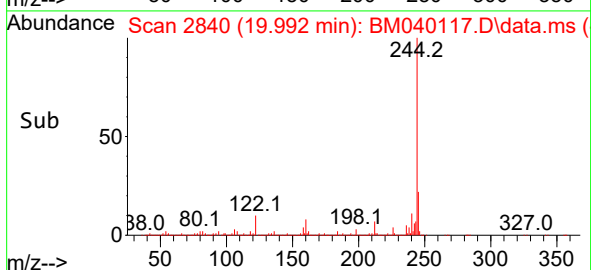
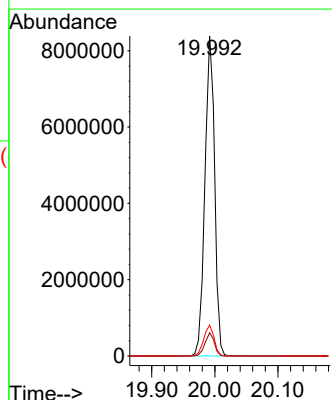
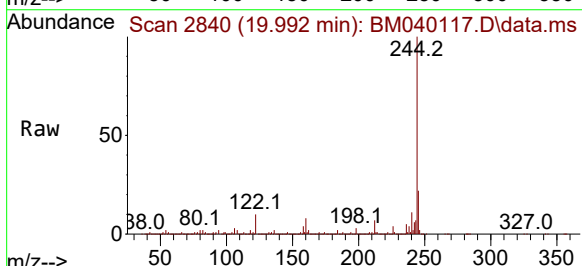
Tgt Ion:244 Resp: 8928232

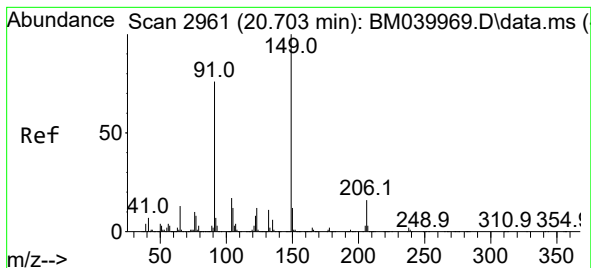
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 9.6 7.1 10.7





#80

Butylbenzylphthalate

Concen: 4.851 ng

RT: 20.680 min Scan# 2957

Delta R.T. -0.006 min

Lab File: BM040117.D

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72-11991

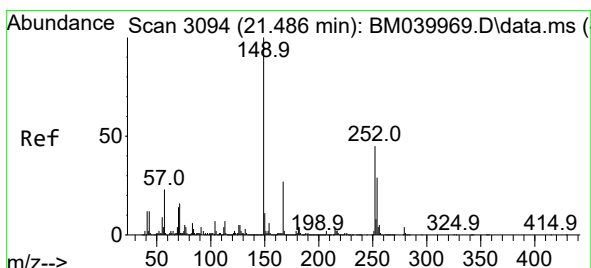
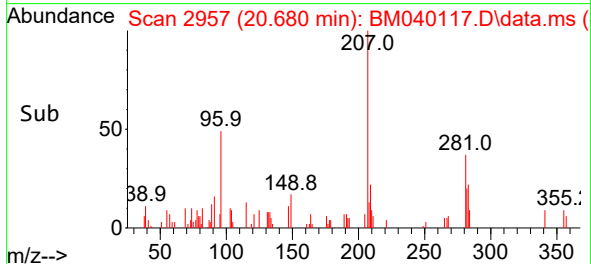
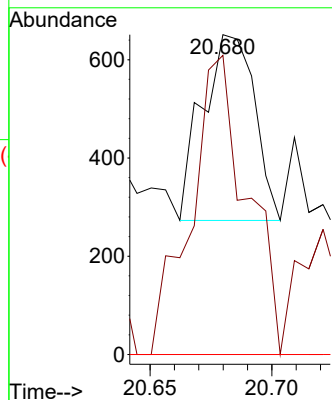
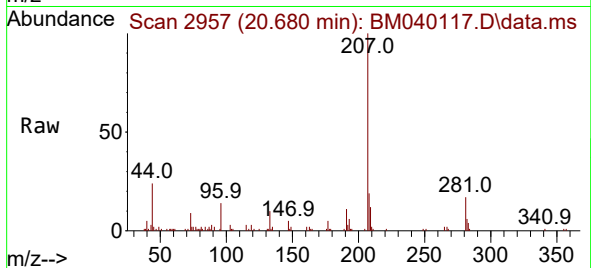
Tgt Ion:149 Resp: 562

Ion Ratio Lower Upper

149 100

91 93.5 61.0 91.4#

206 0.0 12.7 19.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.655 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040117.D

Acq: 06 Jun 2023 23:14

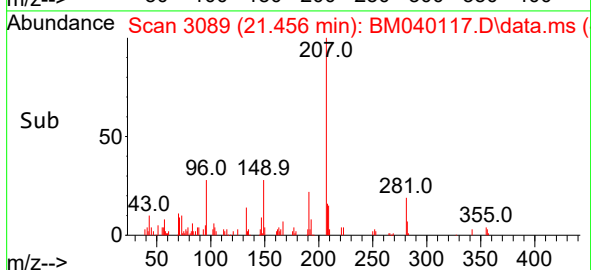
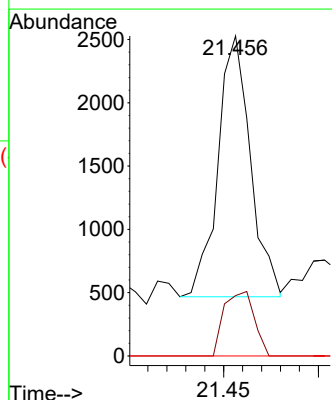
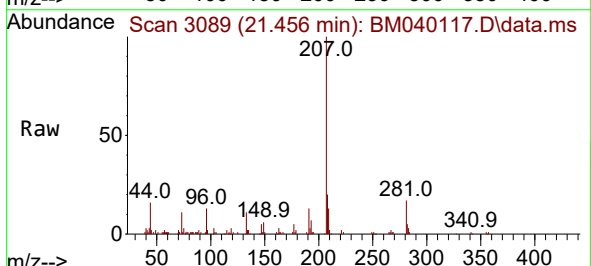
Tgt Ion:149 Resp: 2458

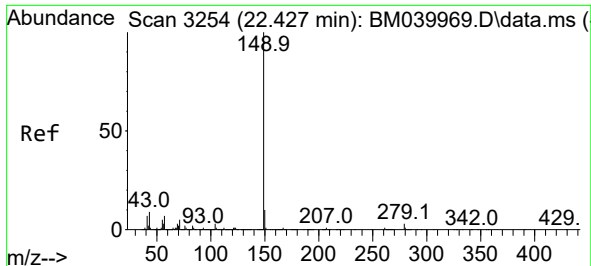
Ion Ratio Lower Upper

149 100

167 18.9 21.4 32.2#

279 0.0 3.3 4.9#

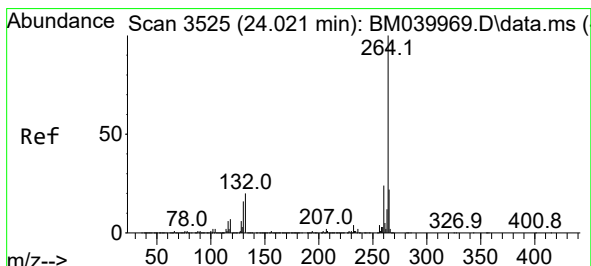
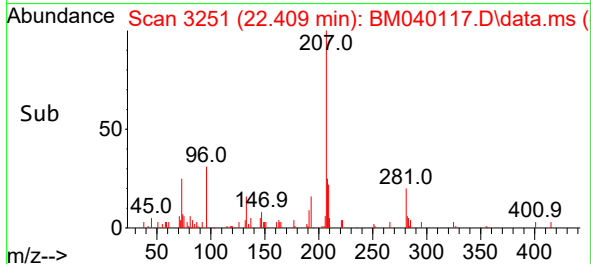
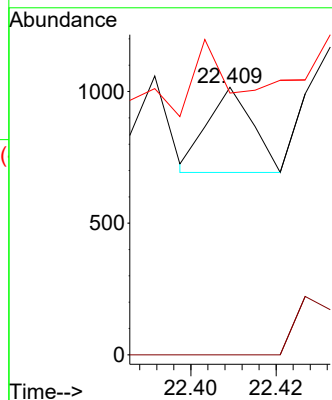
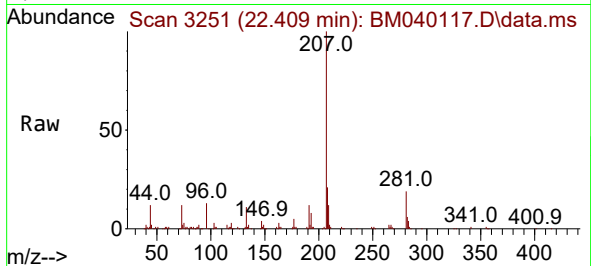




#85
Di-n-octyl phthalate
Concen: 6.616 ng
RT: 22.409 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM040117.D
Acq: 06 Jun 2023 23:14

Instrument :
BNA_M
ClientSampleId :
72-11991

Tgt Ion:149 Resp: 236
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 102.1 7.4 11.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM040117.D
Acq: 06 Jun 2023 23:14

Tgt Ion:264 Resp: 870440
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.8 17.7 26.5

