

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040115.D
 Acq On : 06 Jun 2023 22:01
 Operator : MA/JU
 Sample : 03018-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348

Quant Time: Jun 07 02:14:17 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)

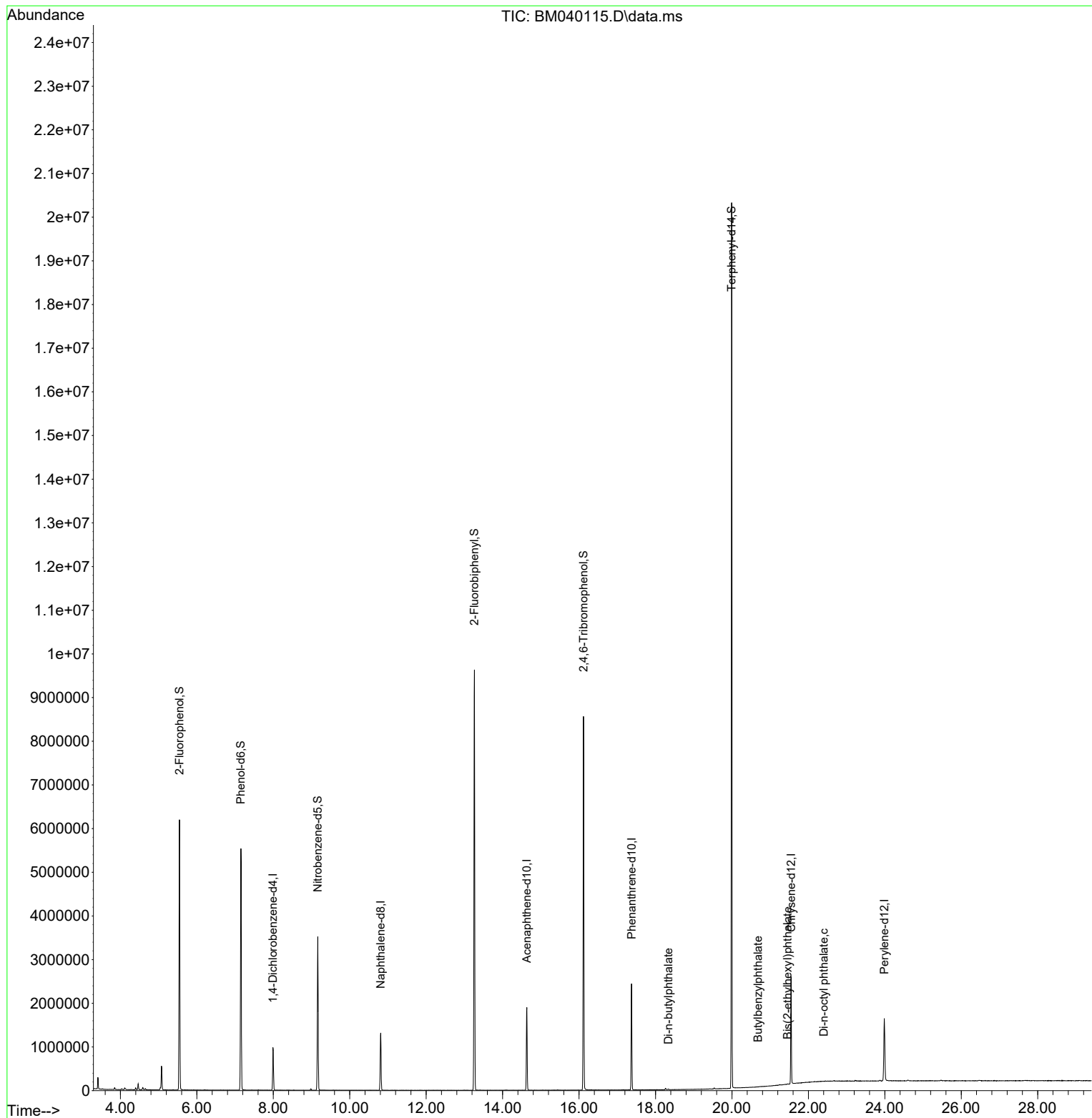
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	253459	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1058798	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	588559	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1237589	20.000	ng	0.00
76) Chrysene-d12	21.550	240	973078	20.000	ng	0.00
86) Perylene-d12	23.985	264	901646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2596998	157.171	ng	0.00
7) Phenol-d6	7.151	99	3173026	147.210	ng	0.00
23) Nitrobenzene-d5	9.163	82	1872752	95.442	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1394114	182.499	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4485140	89.883	ng	0.00
79) Terphenyl-d14	19.992	244	8818850	140.719	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.339	149	9480	3.765	ng	# 98
80) Butylbenzylphthalate	20.680	149	556	4.849	ng	# 77
84) Bis(2-ethylhexyl)phtha...	21.456	149	2409	3.650	ng	# 89
85) Di-n-octyl phthalate	22.403	149	870	6.623	ng	# 76

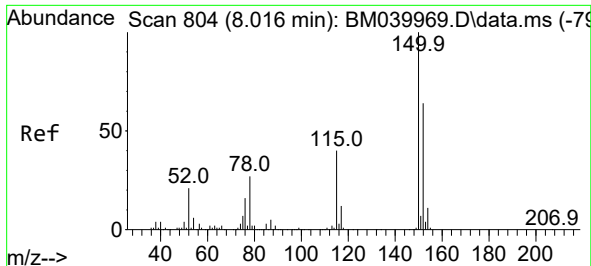
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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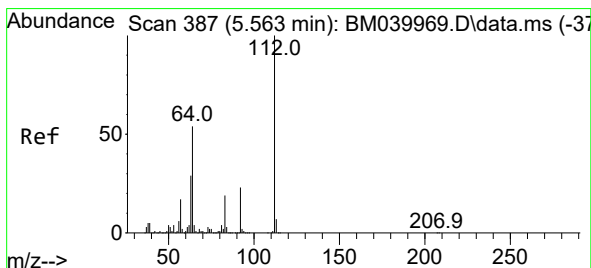
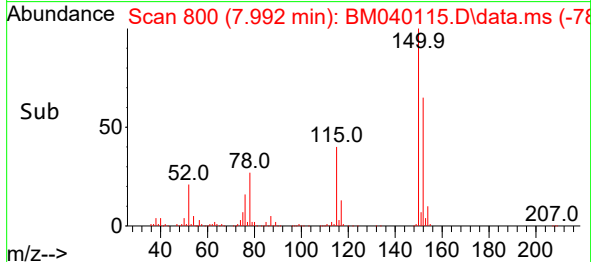
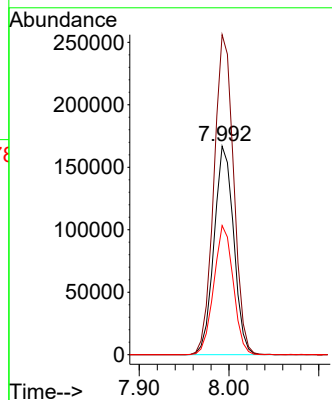
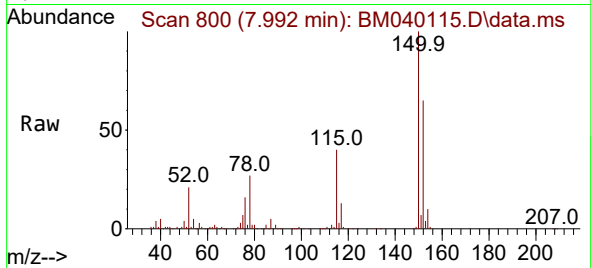




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.007 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

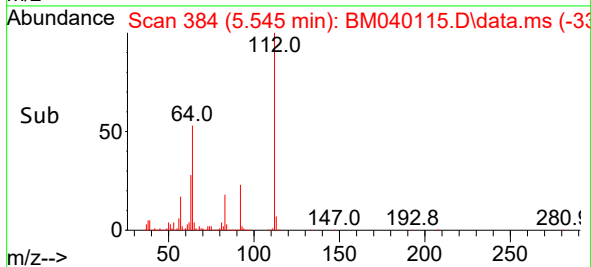
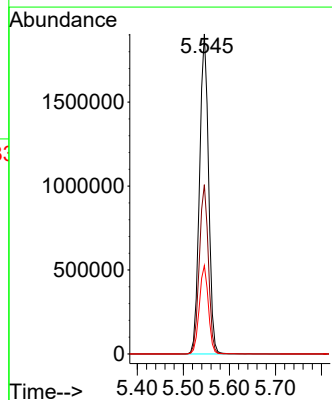
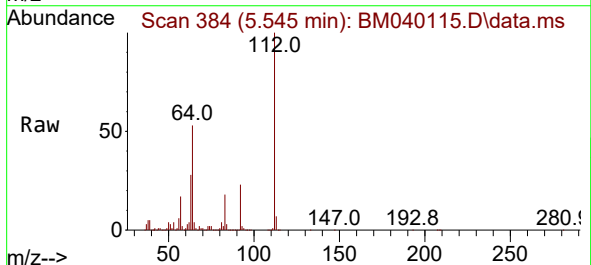
Instrument :
BNA_M
ClientSampleId :
348

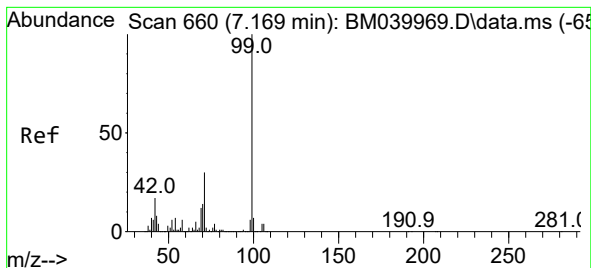
Tgt Ion:152 Resp: 253459
Ion Ratio Lower Upper
152 100
150 153.5 125.5 188.3
115 61.9 50.2 75.2



#5
2-Fluorophenol
Concen: 157.171 ng
RT: 5.545 min Scan# 384
Delta R.T. 0.005 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

Tgt Ion:112 Resp: 2596998
Ion Ratio Lower Upper
112 100
64 52.9 43.0 64.4
63 27.6 22.9 34.3





#7

Phenol-d6

Concen: 147.210 ng

RT: 7.151 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM040115.D

Acq: 06 Jun 2023 22:01

Instrument :

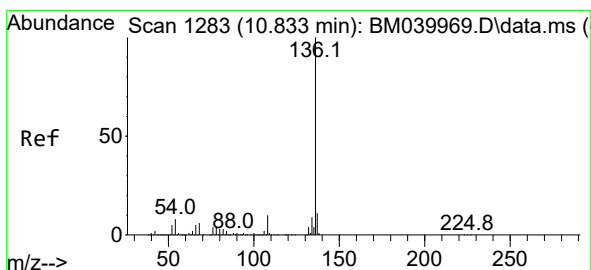
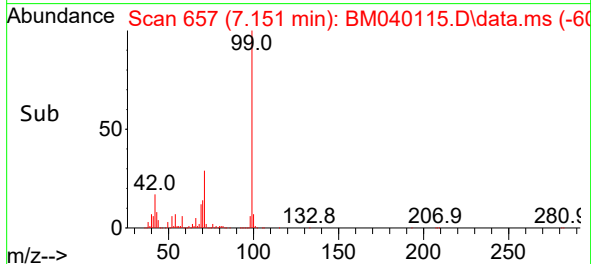
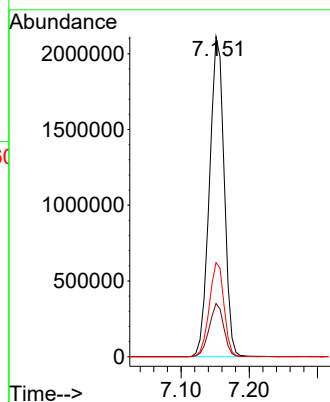
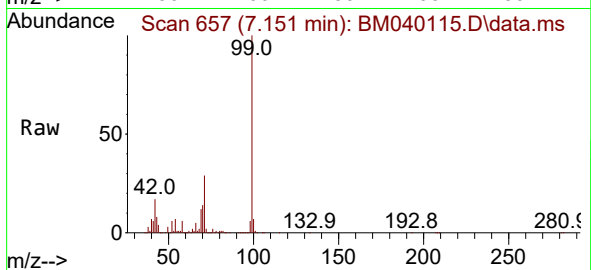
BNA_M

ClientSampleId :

348

Tgt Ion: 99 Resp: 3173026

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	29.4	24.4	36.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.810 min Scan# 1279

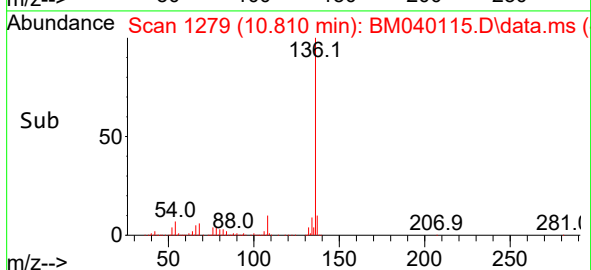
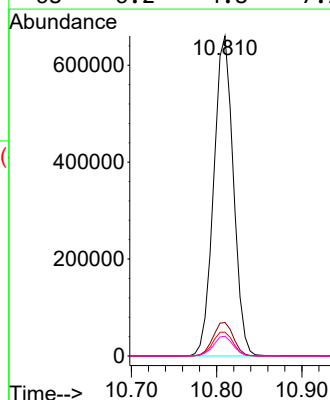
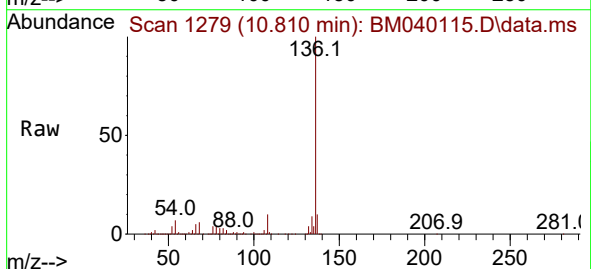
Delta R.T. -0.000 min

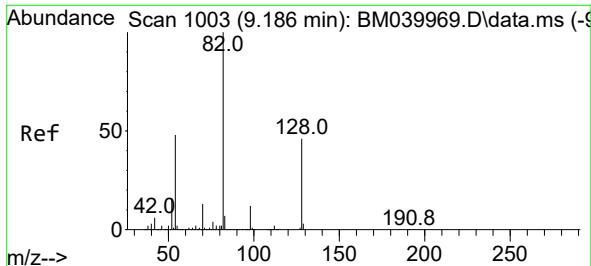
Lab File: BM040115.D

Acq: 06 Jun 2023 22:01

Tgt Ion:136 Resp: 1058798

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	7.5	6.1	9.1
68	6.2	4.8	7.2

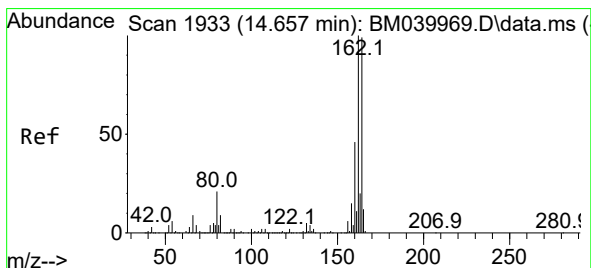
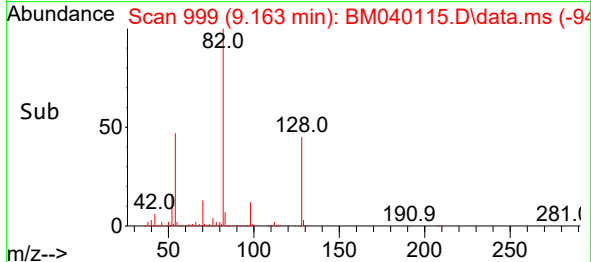
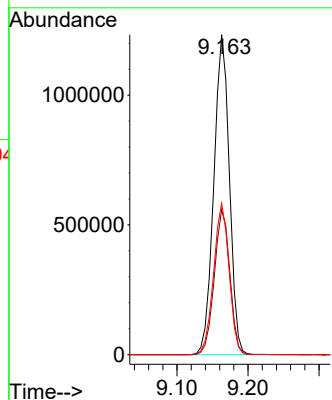
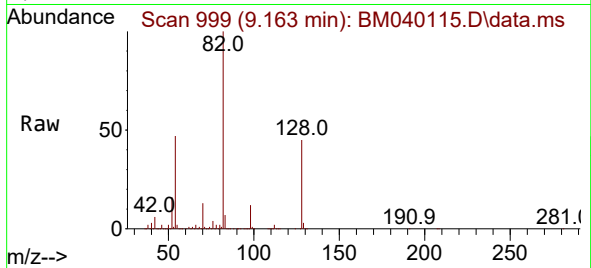




#23
Nitrobenzene-d5
Concen: 95.442 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

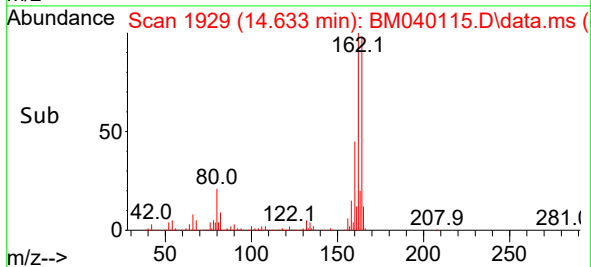
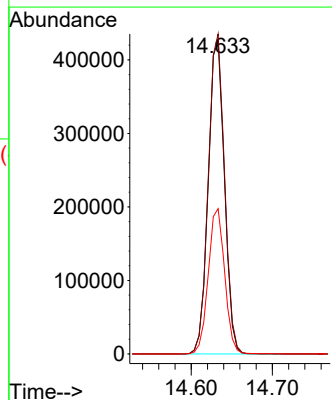
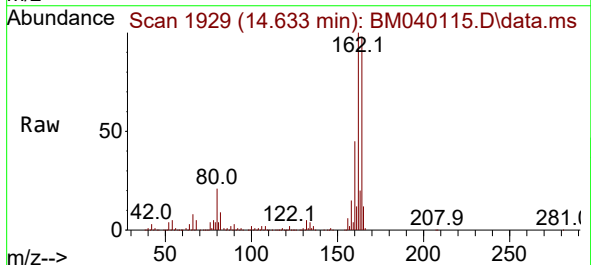
Instrument :
BNA_M
ClientSampleId :
348

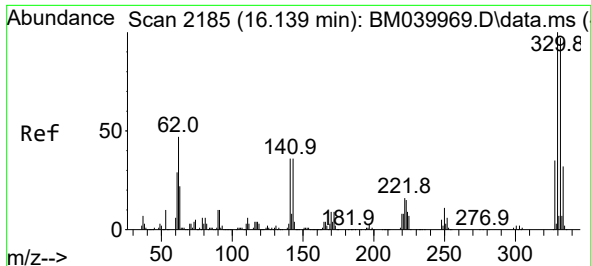
Tgt Ion: 82 Resp: 1872752
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 47.3 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

Tgt Ion:164 Resp: 588559
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 46.3 36.7 55.1

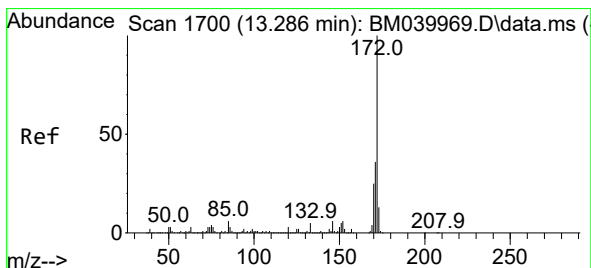
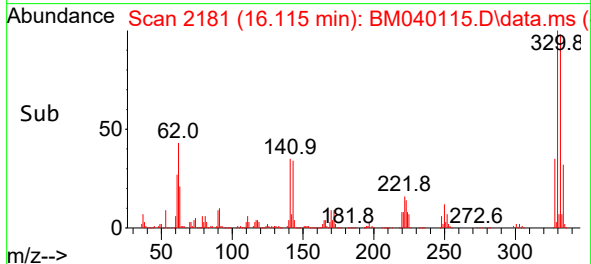
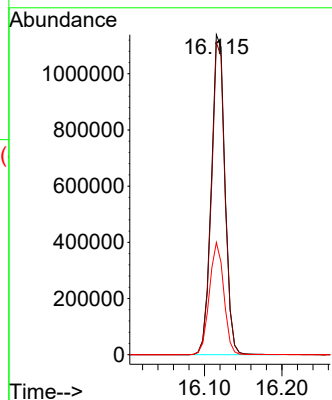
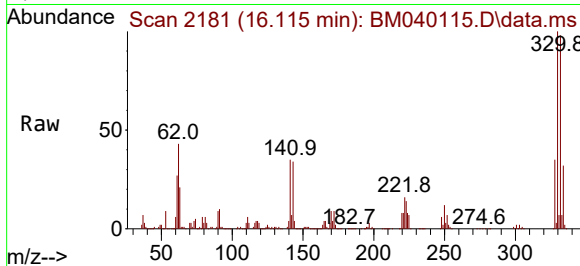




#42
2,4,6-Tribromophenol
Concen: 182.499 ng
RT: 16.115 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

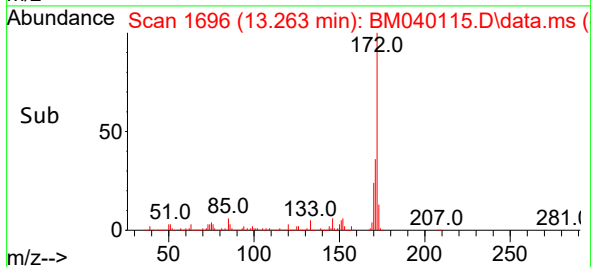
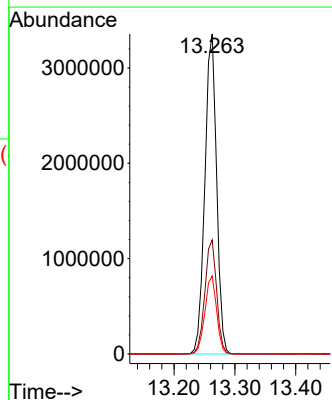
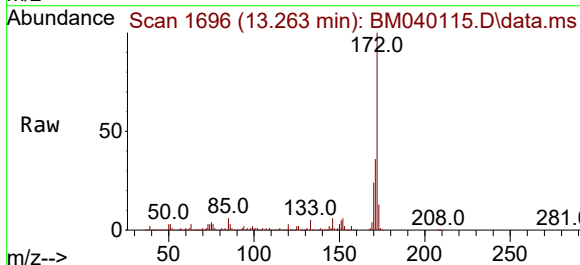
Instrument :
BNA_M
ClientSampleId :
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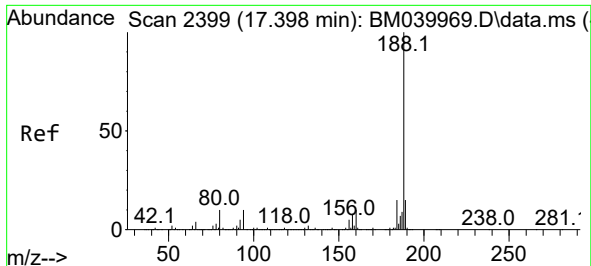
Tgt Ion:330 Resp: 1394114
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 37.0 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 89.883 ng
RT: 13.263 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

Tgt Ion:172 Resp: 4485140
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.4 19.6 29.4

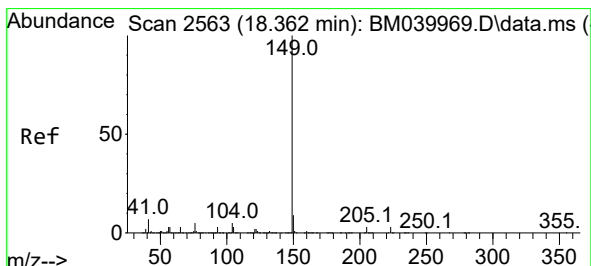
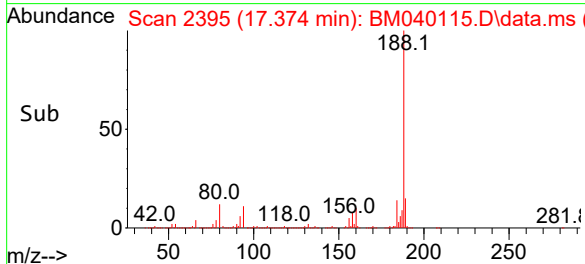
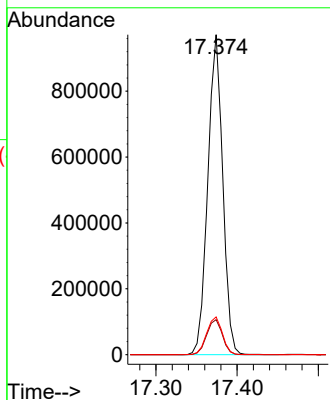
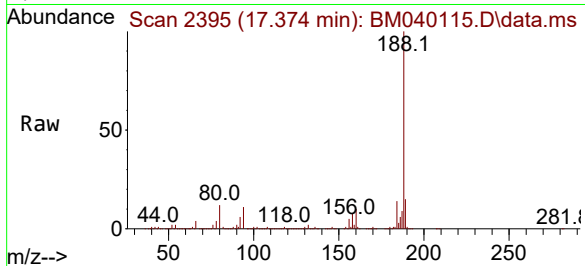




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

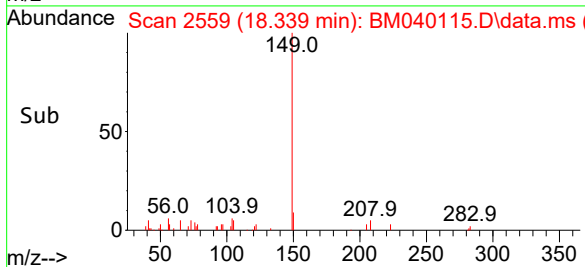
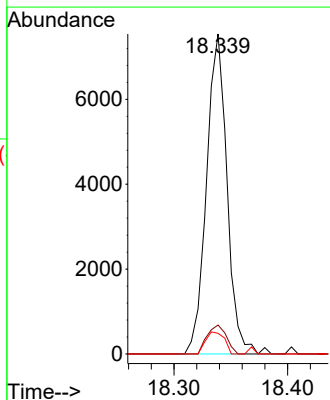
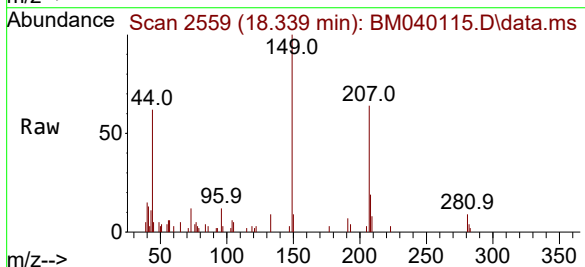
Instrument :
BNA_M
ClientSampleId :
348

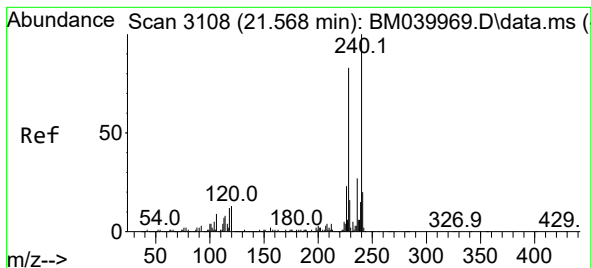
Tgt Ion:188 Resp: 1237589
Ion Ratio Lower Upper
188 100
94 11.0 7.8 11.8
80 11.8 8.2 12.4



#74
Di-n-butylphthalate
Concen: 3.765 ng
RT: 18.339 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

Tgt Ion:149 Resp: 9480
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 6.4 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: BM040115.D

Acq: 06 Jun 2023 22:01

Instrument :

BNA_M

ClientSampleId :

348

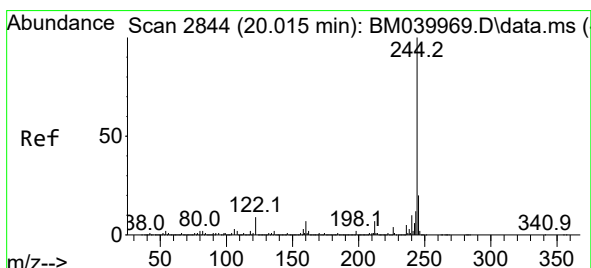
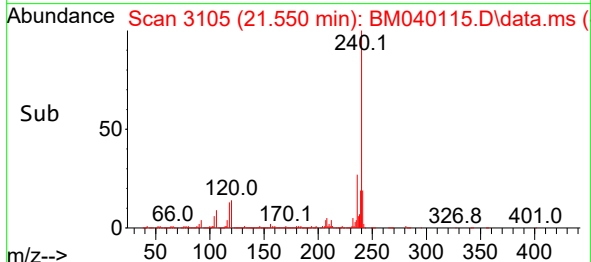
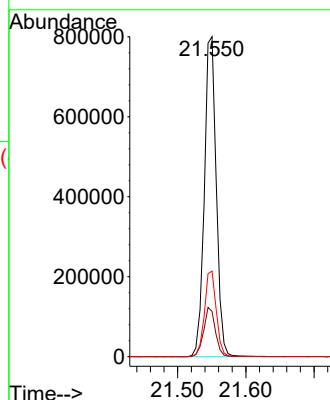
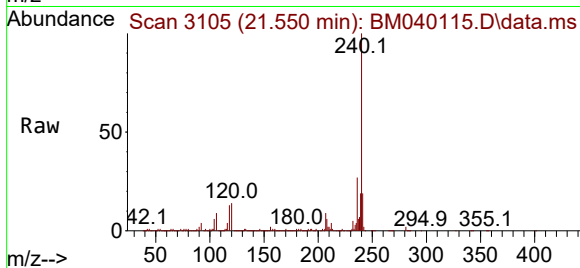
Tgt Ion:240 Resp: 973078

Ion Ratio Lower Upper

240 100

120 14.1 10.1 15.1

236 26.7 21.3 31.9



#79

Terphenyl-d14

Concen: 140.719 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040115.D

Acq: 06 Jun 2023 22:01

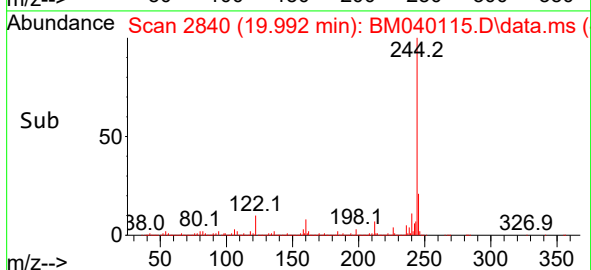
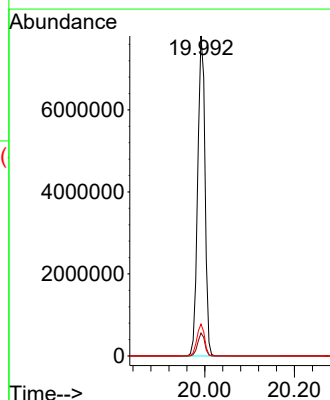
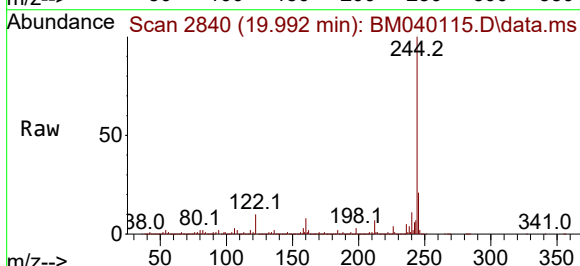
Tgt Ion:244 Resp: 8818850

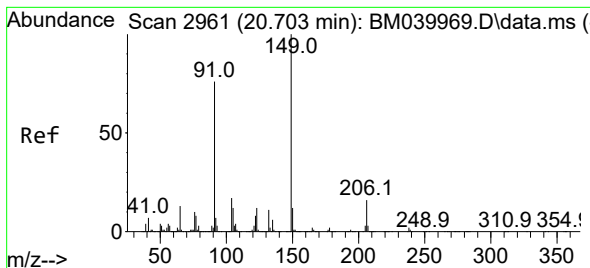
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 10.0 7.1 10.7





#80

Butylbenzylphthalate

Concen: 4.849 ng

RT: 20.680 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BM040115.D

Acq: 06 Jun 2023 22:01

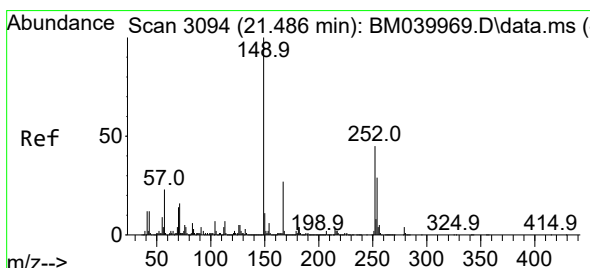
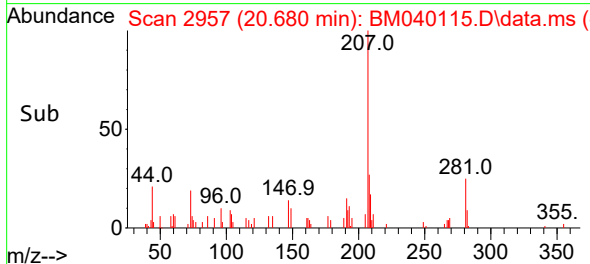
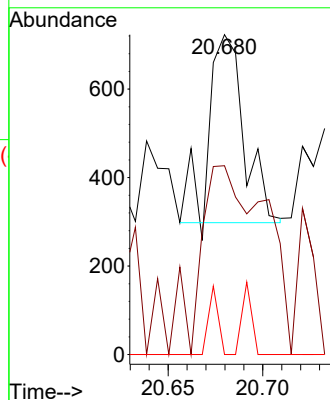
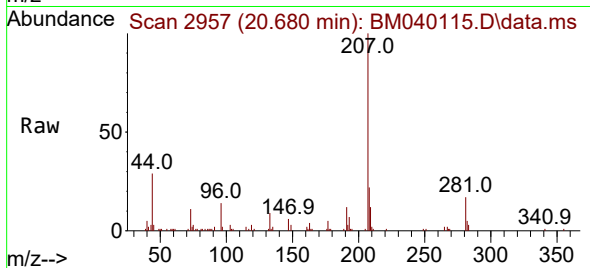
Instrument :

BNA_M

ClientSampleId :

348

Tgt Ion:149 Resp: 556
 Ion Ratio Lower Upper
 149 100
 91 59.1 61.0 91.4#
 206 0.0 12.7 19.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.650 ng

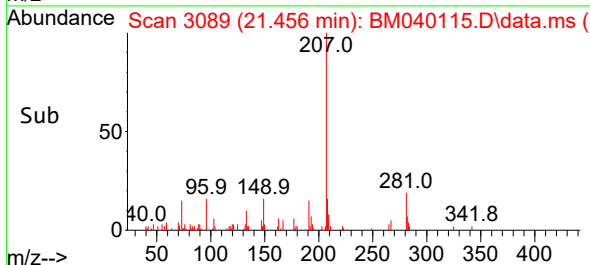
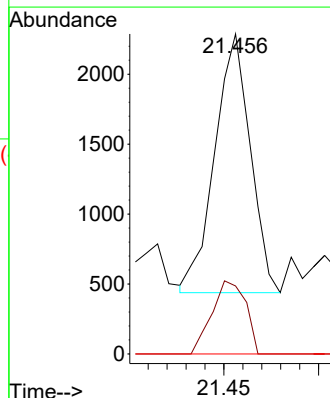
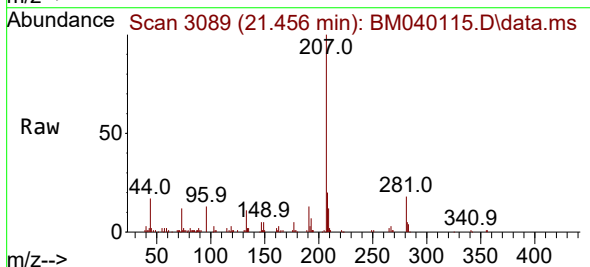
RT: 21.456 min Scan# 3089

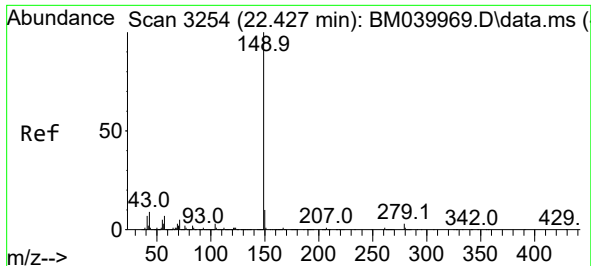
Delta R.T. -0.006 min

Lab File: BM040115.D

Acq: 06 Jun 2023 22:01

Tgt Ion:149 Resp: 2409
 Ion Ratio Lower Upper
 149 100
 167 21.2 21.4 32.2#
 279 0.0 3.3 4.9#

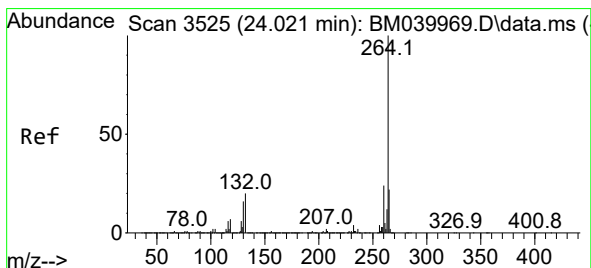
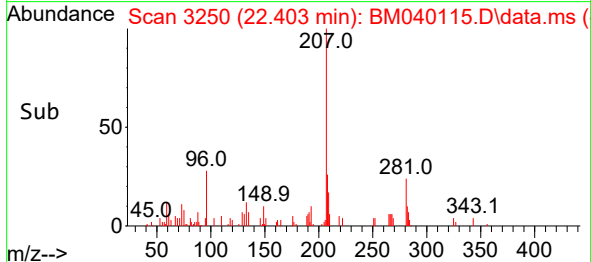
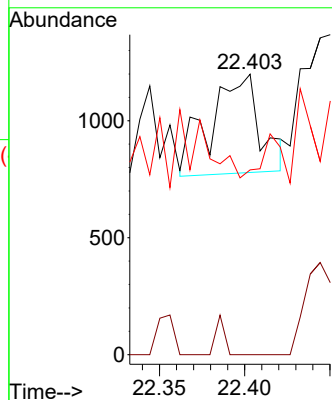
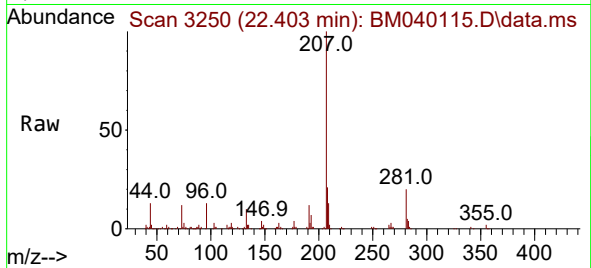




#85
Di-n-octyl phthalate
Concen: 6.623 ng
RT: 22.403 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

Instrument :
BNA_M
ClientSampleId :
348

Tgt Ion:149 Resp: 870
Ion Ratio Lower Upper
149 100
167 6.9 1.1 1.7#
43 0.0 7.4 11.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.985 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM040115.D
Acq: 06 Jun 2023 22:01

Tgt Ion:264 Resp: 901646
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 21.8 17.7 26.5

