

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042395.D
 Acq On : 23 Oct 2023 10:41
 Operator : MA/JU
 Sample : PB156324BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 20:07:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

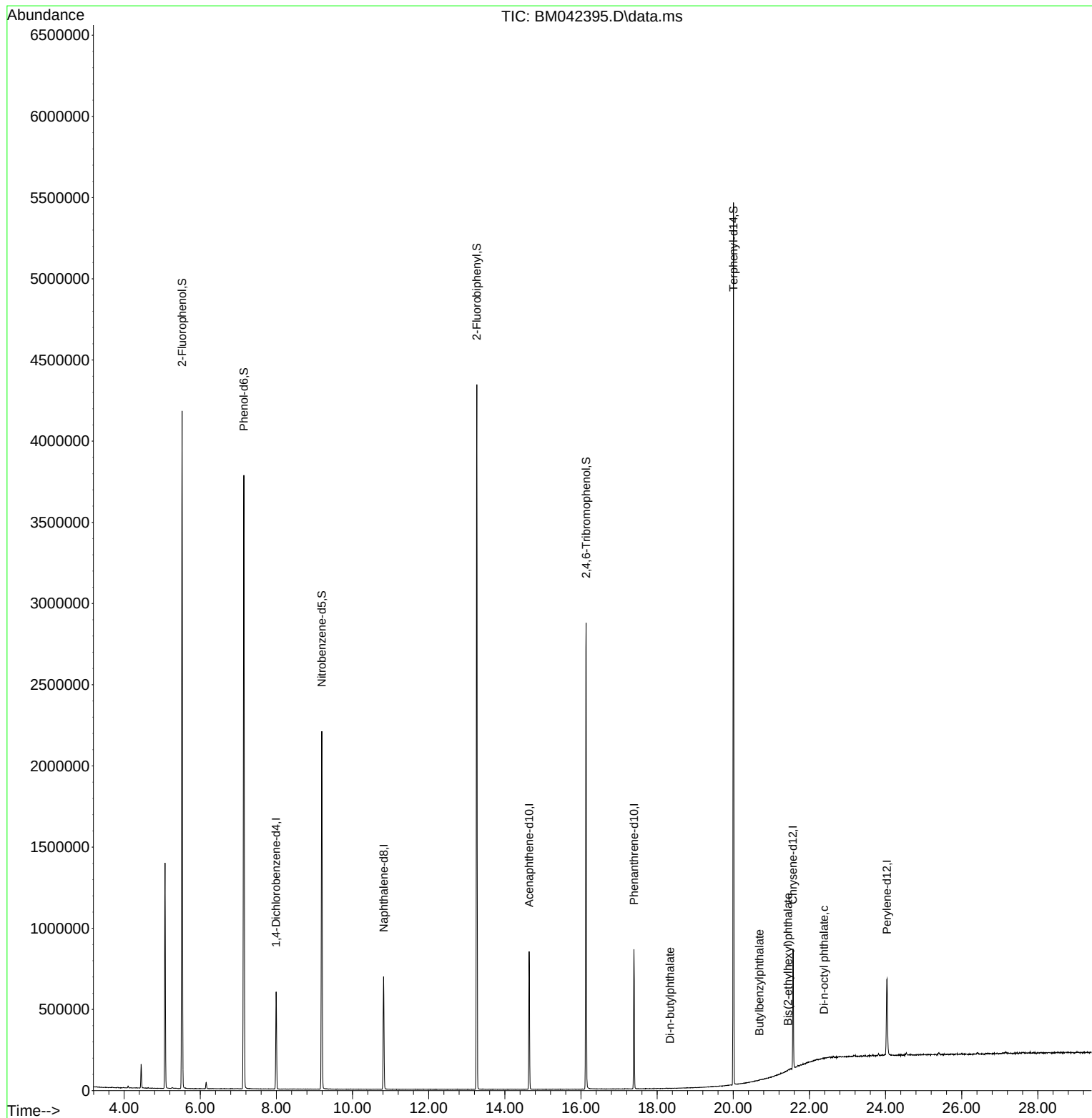
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	138494	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	519325	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	246057	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	441387	20.000	ng	0.00
76) Chrysene-d12	21.568	240	299578	20.000	ng	-0.01
86) Perylene-d12	24.039	264	311312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1517982	154.908	ng	0.00
7) Phenol-d6	7.146	99	1947621	148.309	ng	0.00
23) Nitrobenzene-d5	9.192	82	1205690	102.662	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	394725	144.175	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1982188	108.480	ng	0.00
79) Terphenyl-d14	20.003	244	2201887	130.351	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.339	149	192	2.824	ng	# 78
80) Butylbenzylphthalate	20.686	149	160	3.274	ng	# 68
84) Bis(2-ethylhexyl)phtha...	21.439	149	476	3.401	ng	# 54
85) Di-n-octyl phthalate	22.380	149	131	4.224	ng	# 1

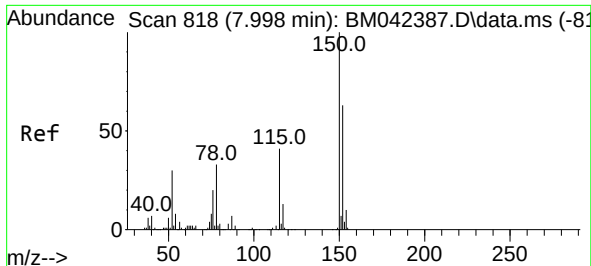
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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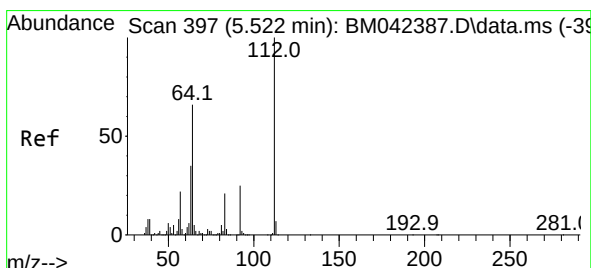
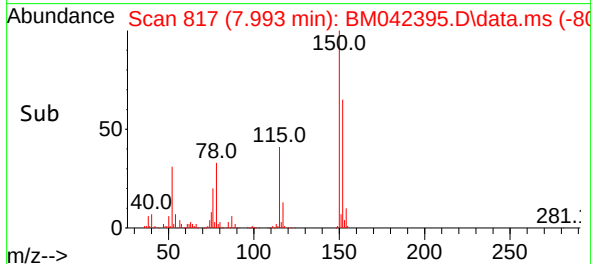
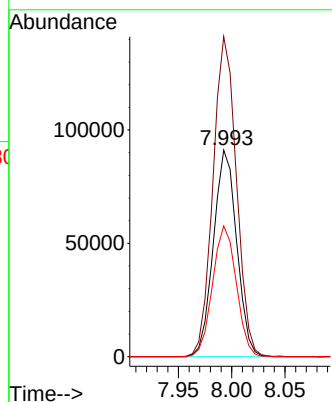
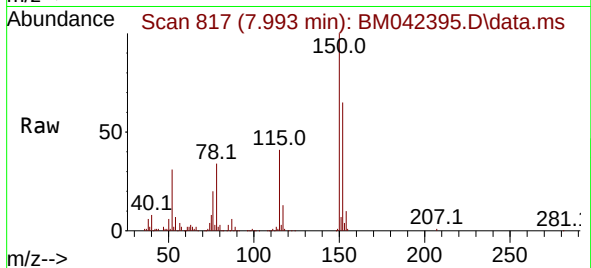




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

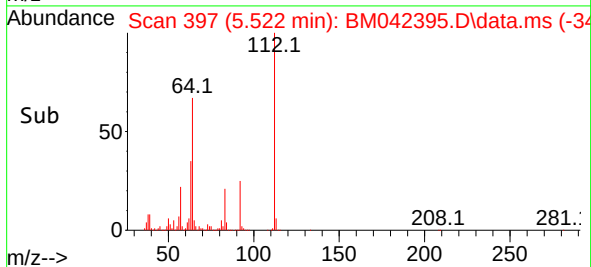
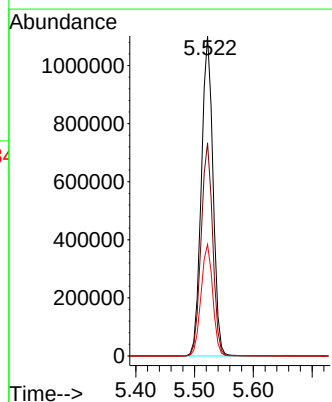
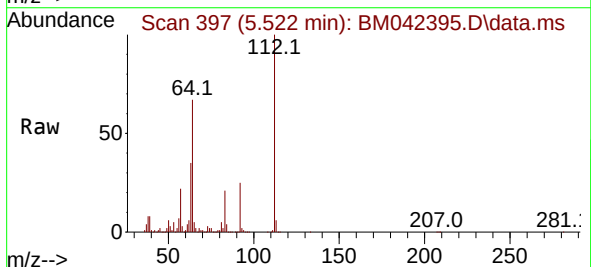
Instrument :
BNA_M
ClientSampleId :

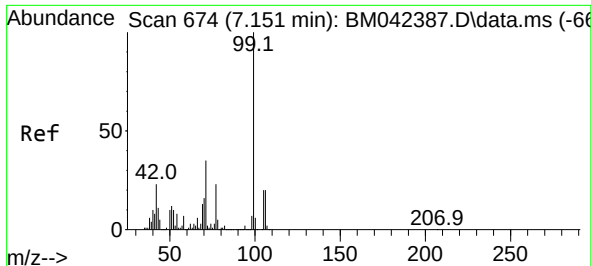
Tgt Ion:152 Resp: 138494
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.4
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 154.908 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

Tgt Ion:112 Resp: 1517982
Ion Ratio Lower Upper
112 100
64 66.6 52.7 79.1
63 34.8 28.3 42.5



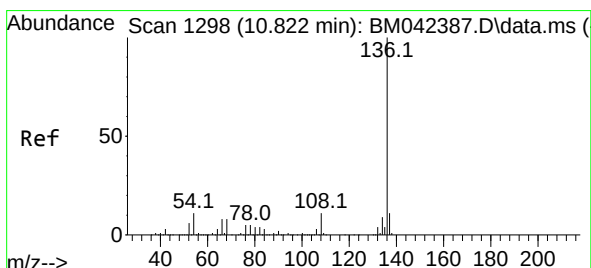
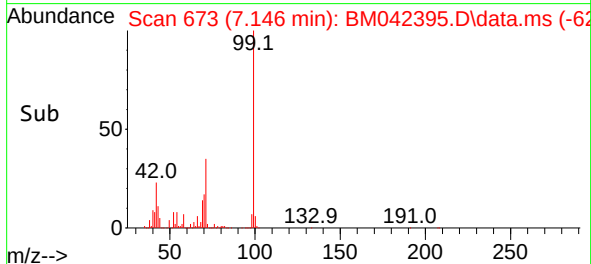
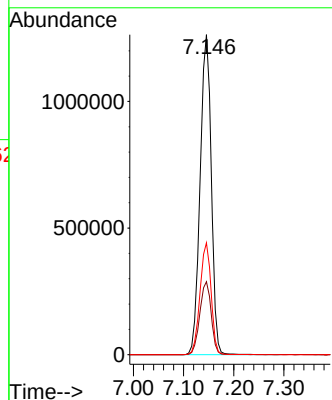
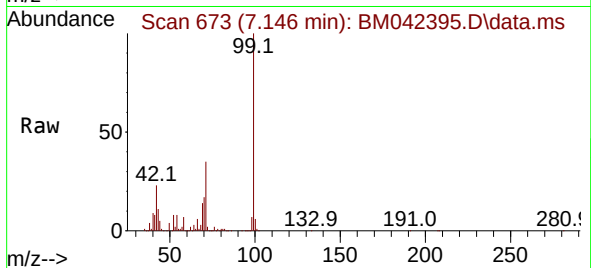


#7
Phenol-d6
Concen: 148.309 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1947621

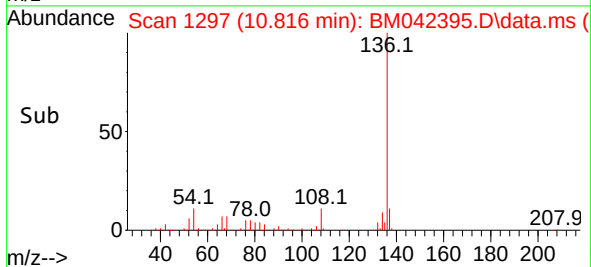
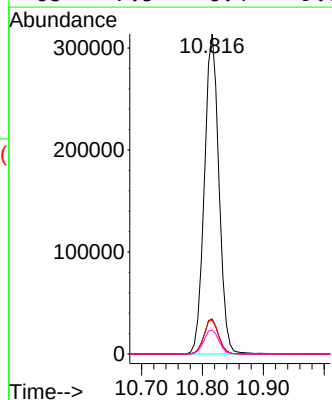
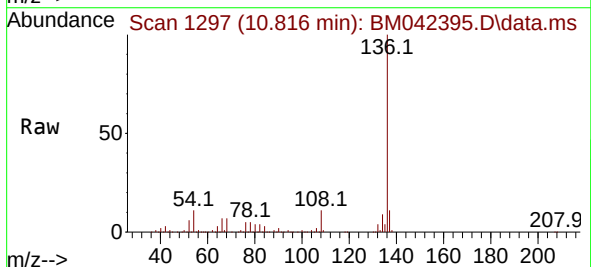
Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.5	27.7
71	34.9	27.7	41.5

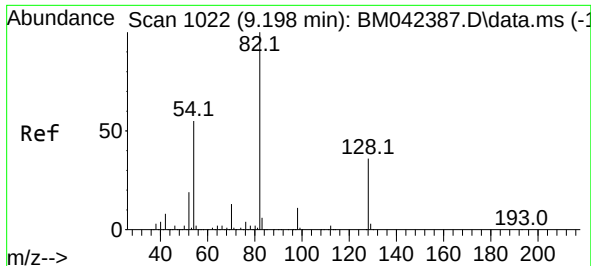


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

Tgt Ion: 136 Resp: 519325

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	8.6	12.8
68	7.5	6.4	9.6

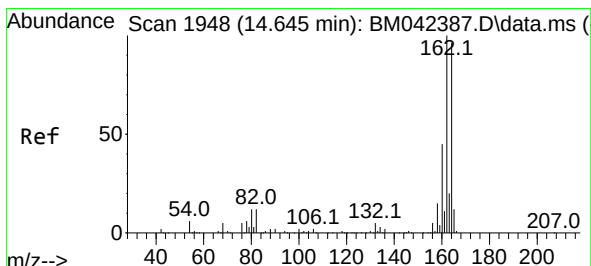
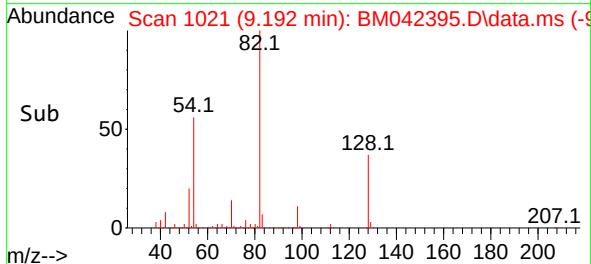
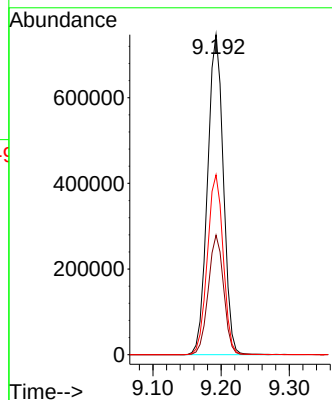
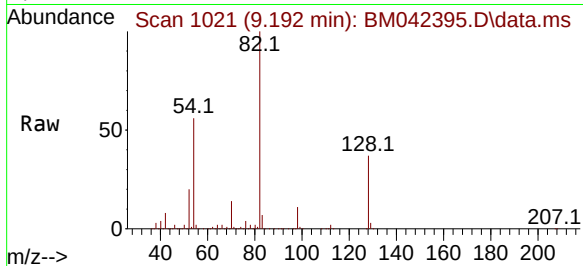




#23
Nitrobenzene-d5
Concen: 102.662 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

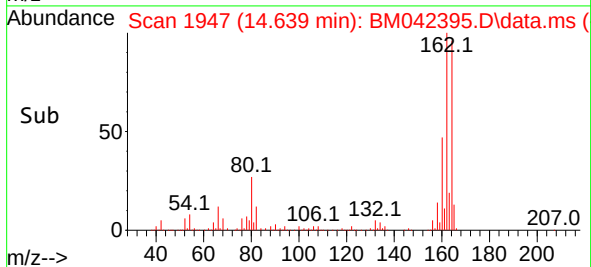
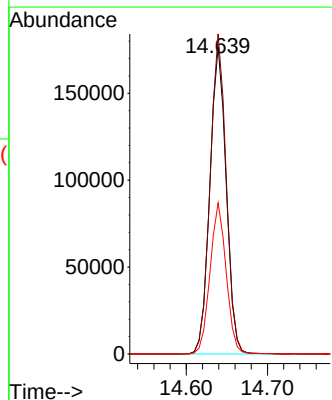
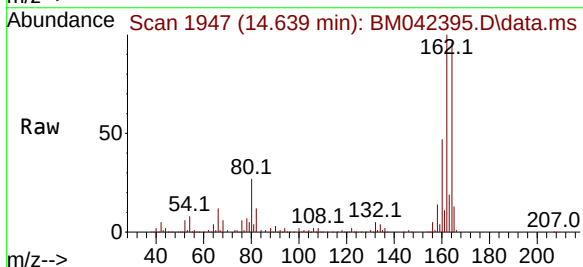
Instrument :
BNA_M
ClientSampleId :

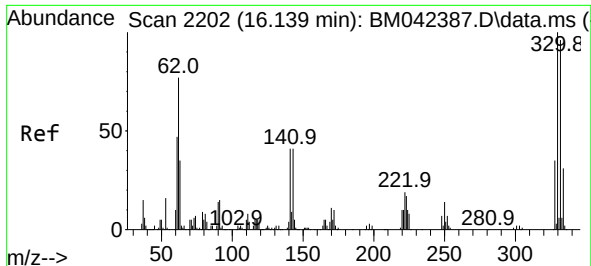
Tgt Ion: 82 Resp: 1205690
Ion Ratio Lower Upper
82 100
128 37.4 29.0 43.6
54 56.2 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

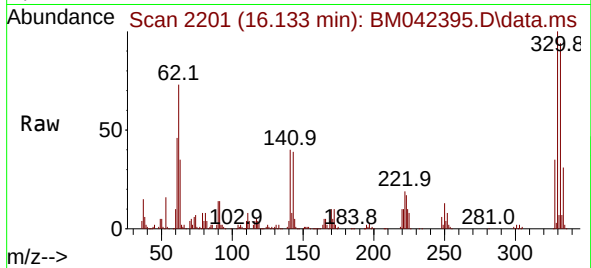
Tgt Ion:164 Resp: 246057
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.4
160 49.2 37.0 55.4



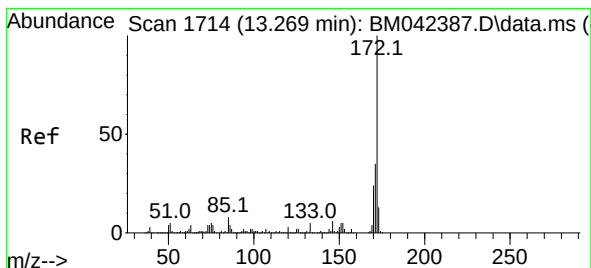
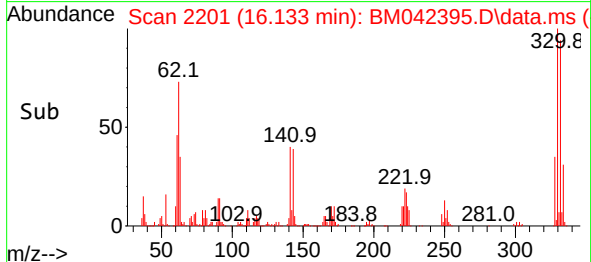
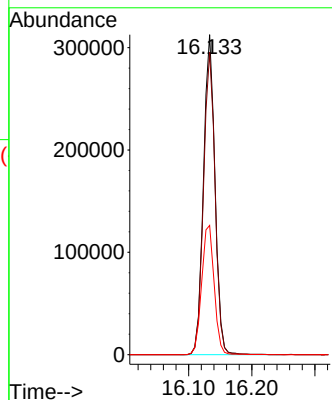


#42
2,4,6-Tribromophenol
Concen: 144.175 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

Instrument :
BNA_M
ClientSampleId :

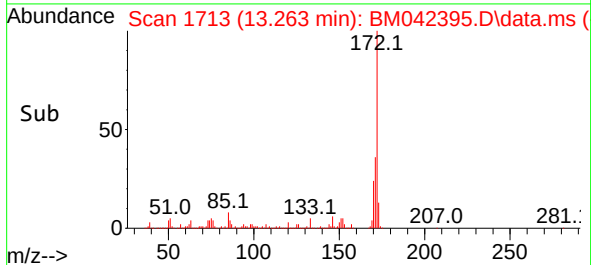
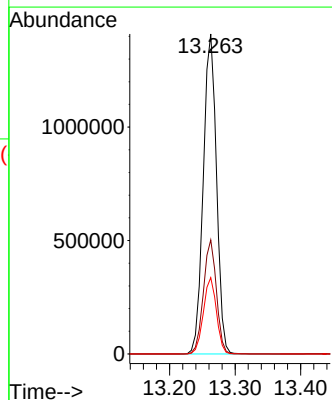
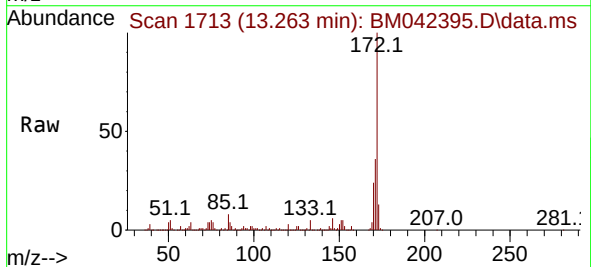


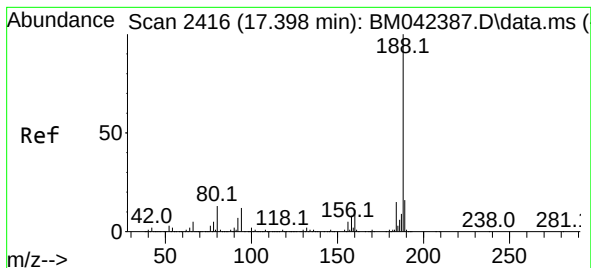
Tgt Ion:330 Resp: 394725
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 44.0 38.0 57.0



#45
2-Fluorobiphenyl
Concen: 108.480 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

Tgt Ion:172 Resp: 1982188
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042395.D

Acq: 23 Oct 2023 10:41

Instrument :

BNA_M

ClientSampleId :

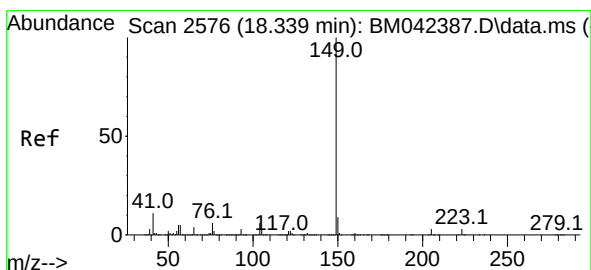
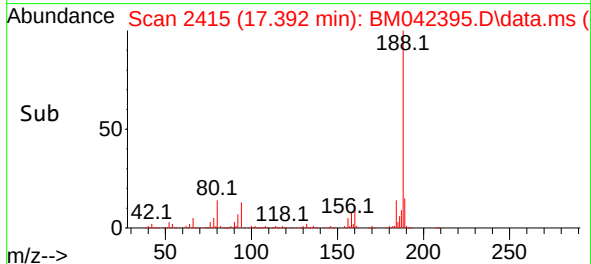
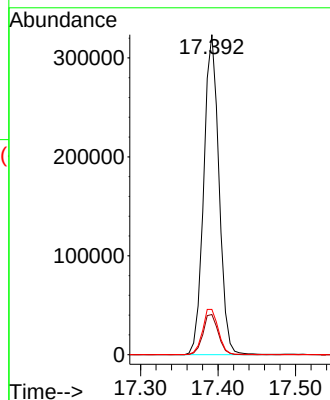
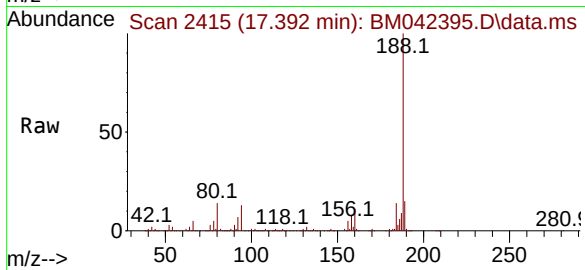
Tgt Ion:188 Resp: 441387

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.0

80 14.1 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.824 ng

RT: 18.339 min Scan# 2576

Delta R.T. -0.000 min

Lab File: BM042395.D

Acq: 23 Oct 2023 10:41

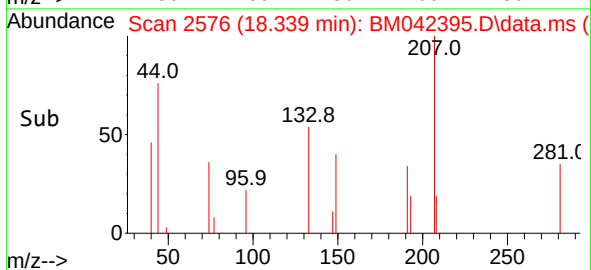
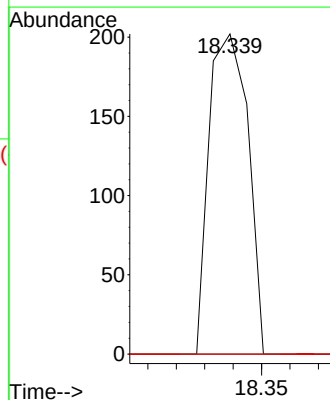
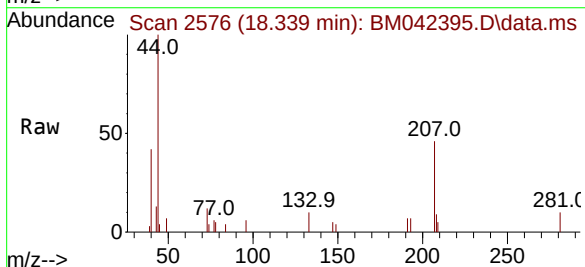
Tgt Ion:149 Resp: 192

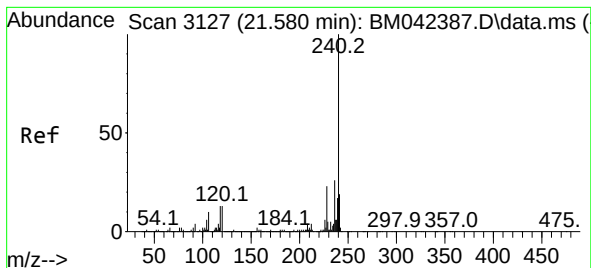
Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.6 7.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 31

Delta R.T. -0.012 min

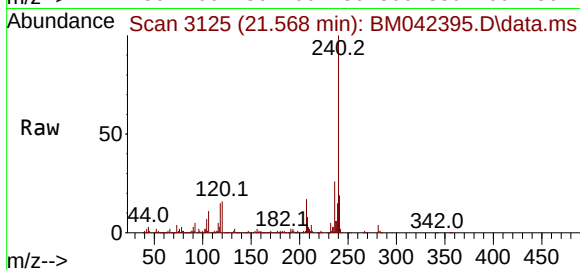
Lab File: BM042395.D

Acq: 23 Oct 2023 10:41

Instrument :

BNA_M

ClientSampleId :



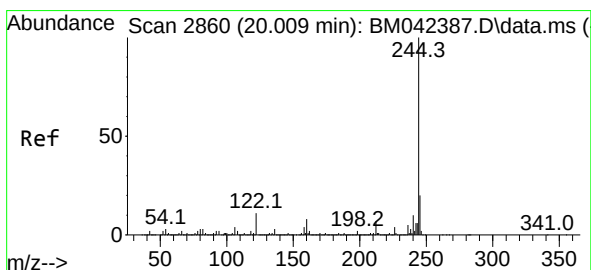
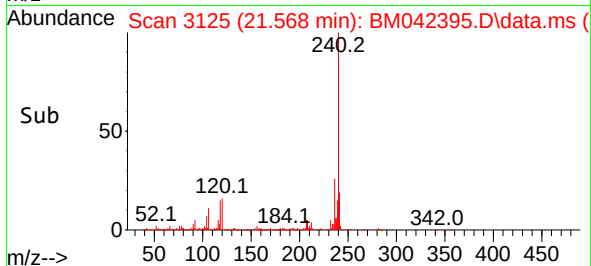
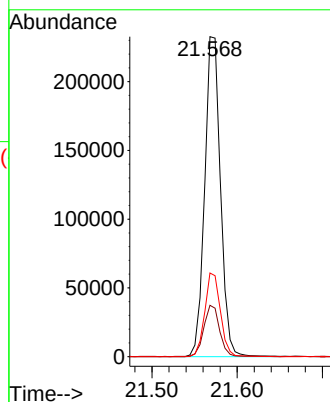
Tgt Ion:240 Resp: 299578

Ion Ratio Lower Upper

240 100

120 16.1 10.7 16.1

236 26.2 20.7 31.1



#79

Terphenyl-d14

Concen: 130.351 ng

RT: 20.003 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BM042395.D

Acq: 23 Oct 2023 10:41

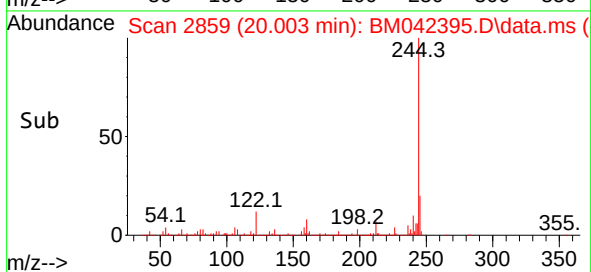
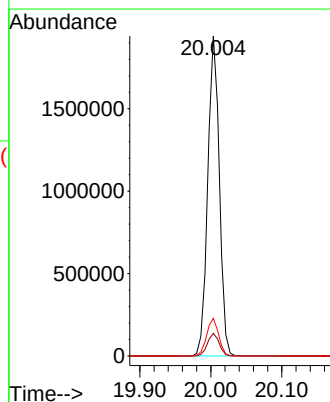
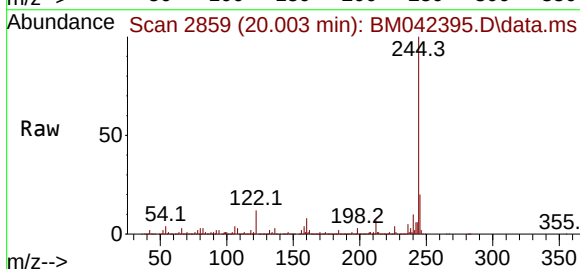
Tgt Ion:244 Resp: 2201887

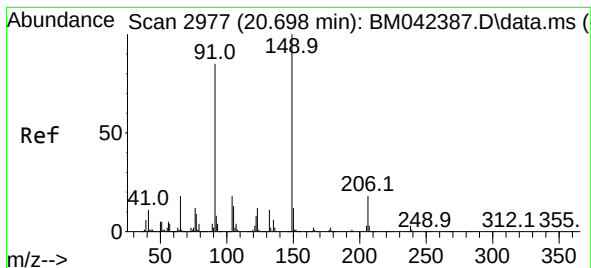
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.7 8.8 13.2





#80

Butylbenzylphthalate

Concen: 3.274 ng

RT: 20.686 min Scan# 2975

Delta R.T. -0.012 min

Lab File: BM042395.D

Acq: 23 Oct 2023 10:41

Instrument :

BNA_M

ClientSampleId :

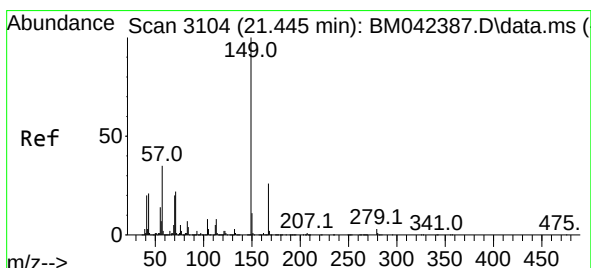
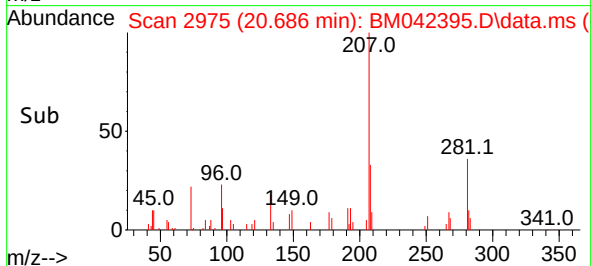
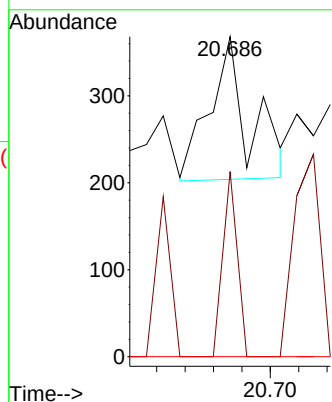
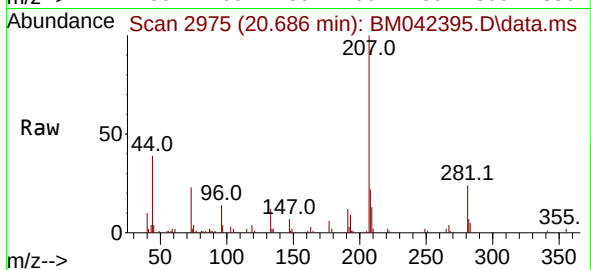
Tgt Ion:149 Resp: 160

Ion Ratio Lower Upper

149 100

91 57.9 68.3 102.5#

206 0.0 14.6 22.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.401 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042395.D

Acq: 23 Oct 2023 10:41

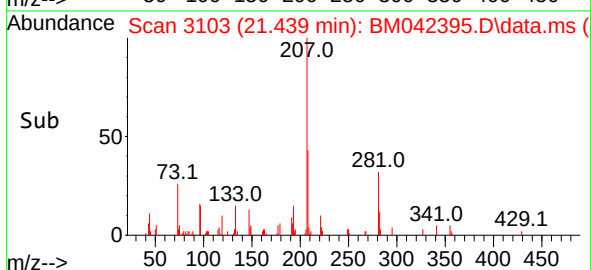
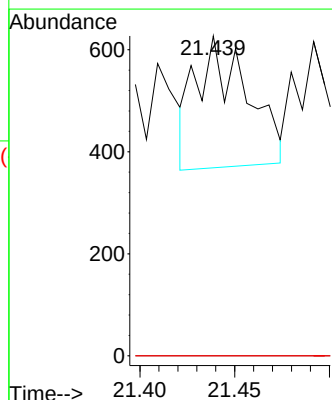
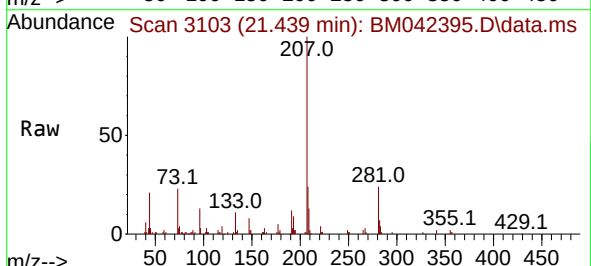
Tgt Ion:149 Resp: 476

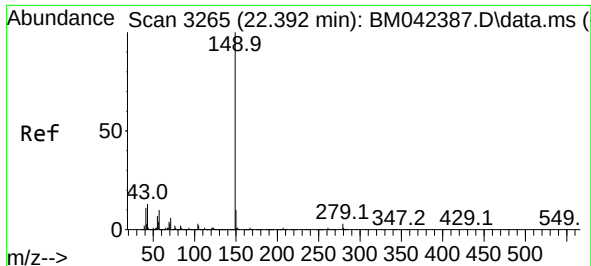
Ion Ratio Lower Upper

149 100

167 0.0 20.9 31.3#

279 0.0 2.7 4.1#

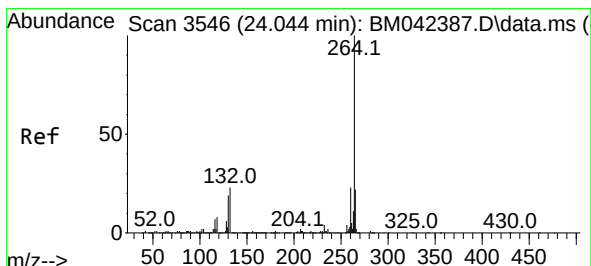
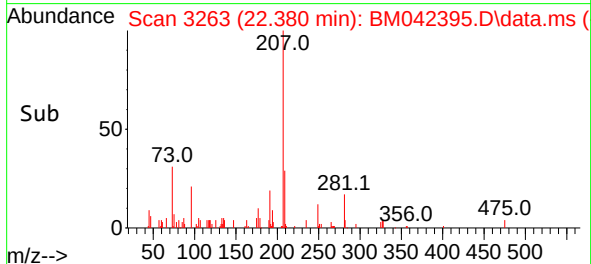
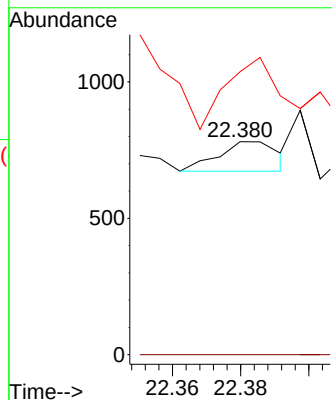
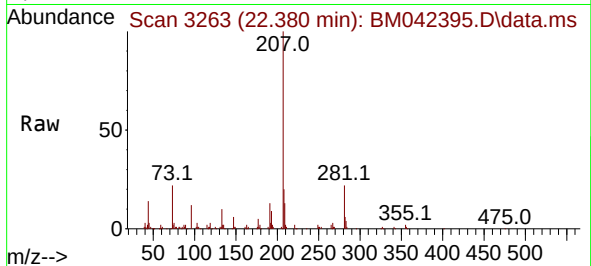




#85
Di-n-octyl phthalate
Concen: 4.224 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 131
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 267.9 11.0 16.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BM042395.D
Acq: 23 Oct 2023 10:41

Tgt Ion:264 Resp: 311312
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 20.7 17.8 26.8

