

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042417.D
 Acq On : 24 Oct 2023 13:37
 Operator : MA/JU
 Sample : 04977-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 14:41:49 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)

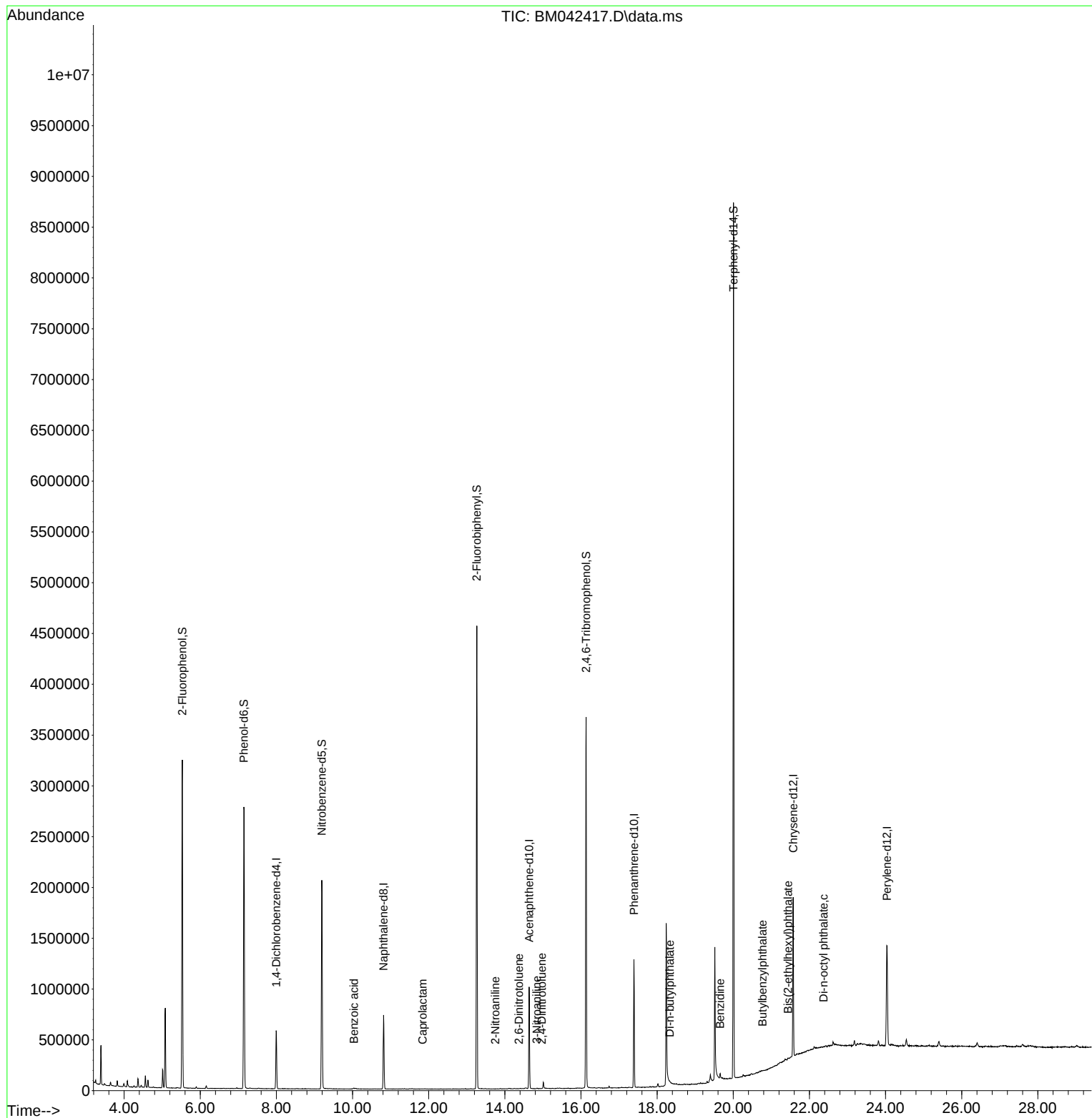
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	144728	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	551345	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	313694	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	697664	20.000	ng	0.00
76) Chrysene-d12	21.574	240	691745	20.000	ng	0.00
86) Perylene-d12	24.033	264	765661	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1265103	123.541	ng	0.00
7) Phenol-d6	7.146	99	1498442	109.190	ng	0.00
23) Nitrobenzene-d5	9.192	82	1145935	91.908	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	611137	173.109	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2225902	95.552	ng	0.00
79) Terphenyl-d14	20.004	244	3980298	102.047	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.034	122	3156	5.770	ng	89
35) Caprolactam	11.839	113	56	5.945	ng	# 1
48) 2-Nitroaniline	13.751	65	59	3.647	ng	# 13
51) 2,6-Dinitrotoluene	14.369	165	53	2.897	ng	# 39
53) 3-Nitroaniline	14.839	138	183	3.293	ng	# 1
57) 2,4-Dinitrotoluene	14.969	165	64	4.072	ng	# 6
74) Di-n-butylphthalate	18.333	149	6287	2.950	ng	# 95
77) Benzidine	19.657	184	25200	2.519	ng	# 93
80) Butylbenzylphthalate	20.768	149	195	3.267	ng	95
84) Bis(2-ethylhexyl)phtha...	21.439	149	4041	3.489	ng	# 93
85) Di-n-octyl phthalate	22.368	149	492	4.227	ng	# 58

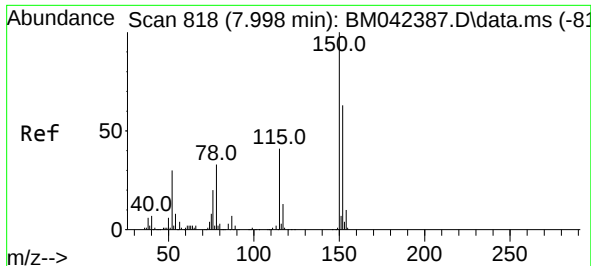
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042417.D
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BNA_M
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Quant Time: Oct 24 14:41:49 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

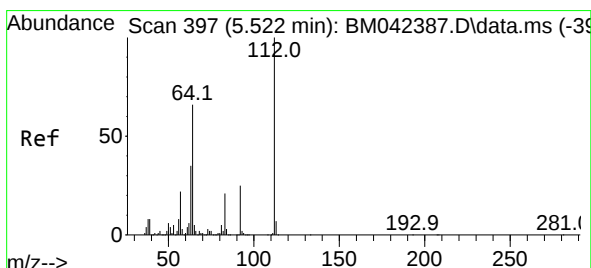
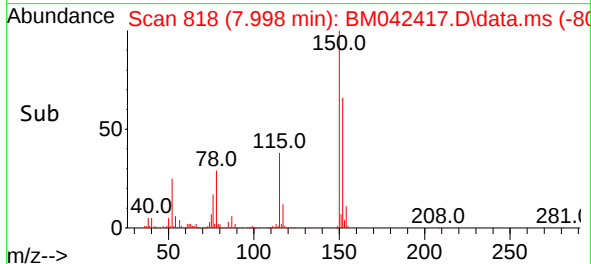
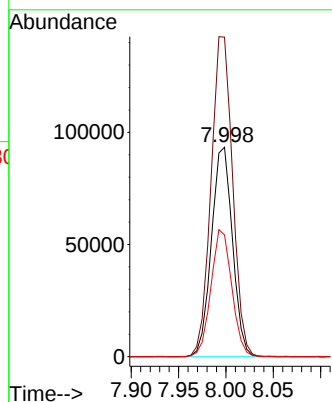
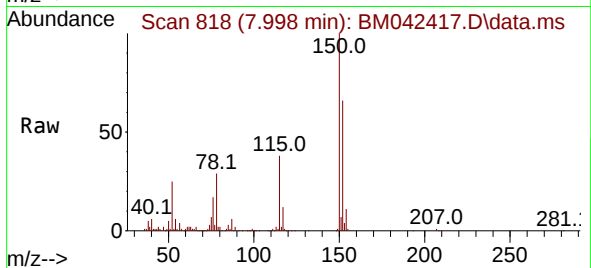




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

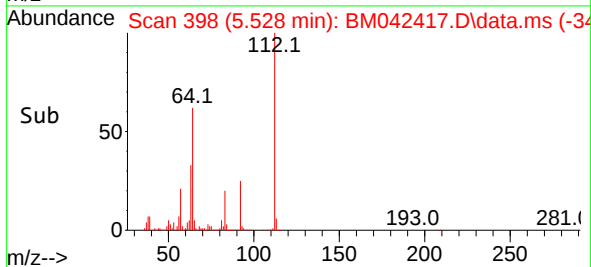
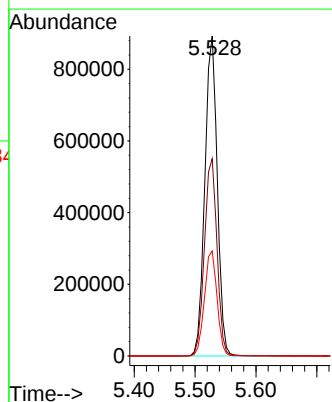
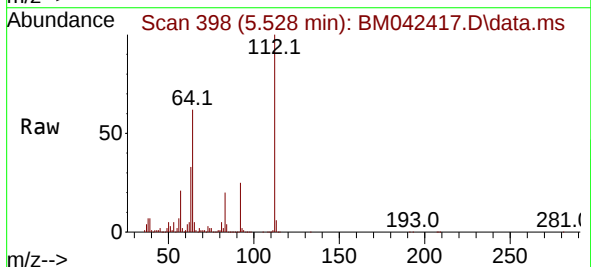
Instrument :
BNA_M
ClientSampleId :

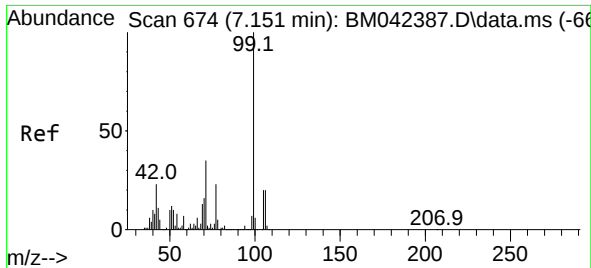
Tgt Ion:152 Resp: 144728
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.4
115 58.1 51.9 77.9



#5
2-Fluorophenol
Concen: 123.541 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Tgt Ion:112 Resp: 1265103
Ion Ratio Lower Upper
112 100
64 61.6 52.7 79.1
63 32.8 28.3 42.5



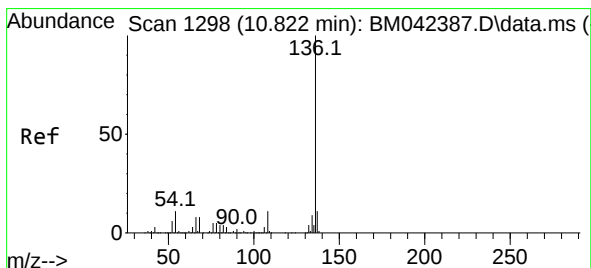
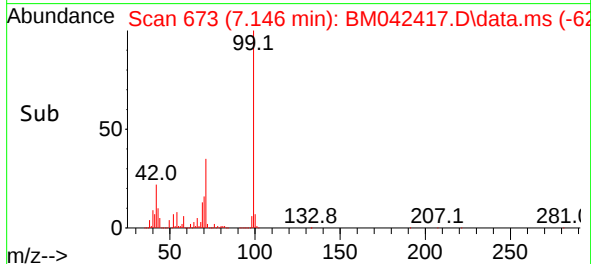
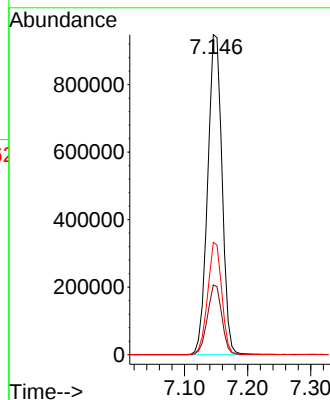
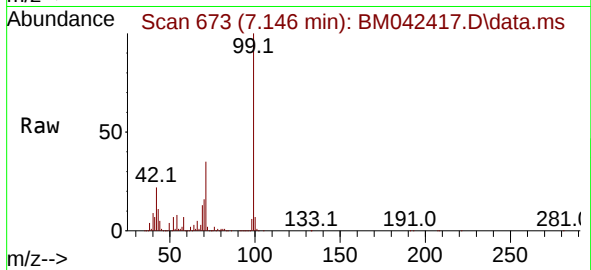


#7
Phenol-d6
Concen: 109.190 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1498442

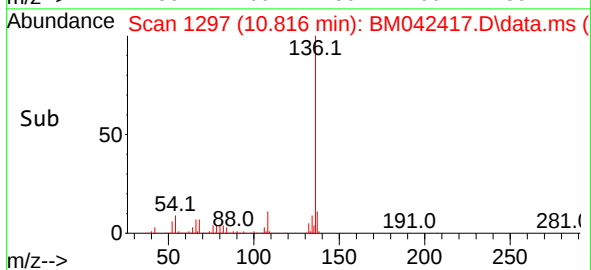
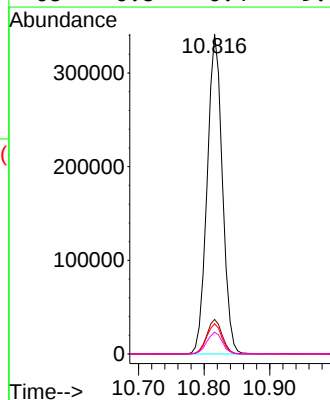
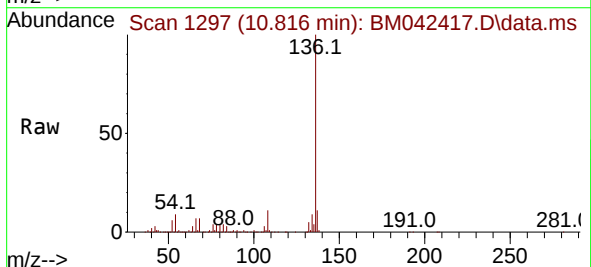
Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.5	27.7
71	35.1	27.7	41.5

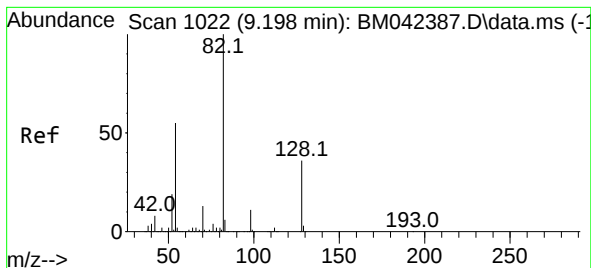


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Tgt Ion: 136 Resp: 551345

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.5	8.6	12.8
68	6.8	6.4	9.6





#23

Nitrobenzene-d5

Concen: 91.908 ng

RT: 9.192 min Scan# 110

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

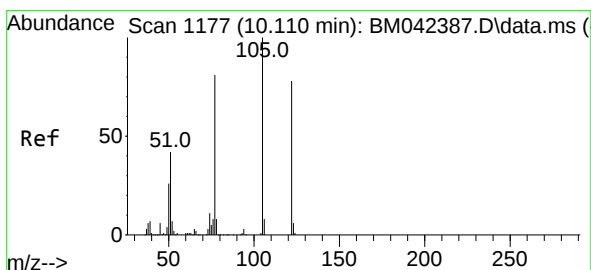
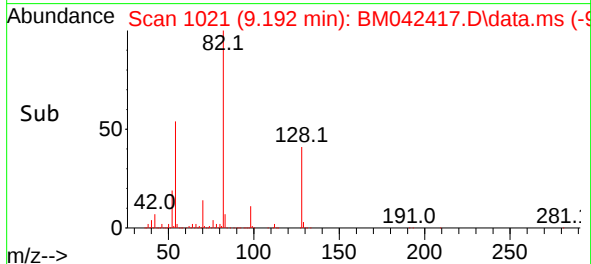
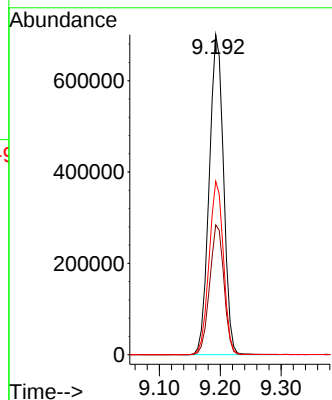
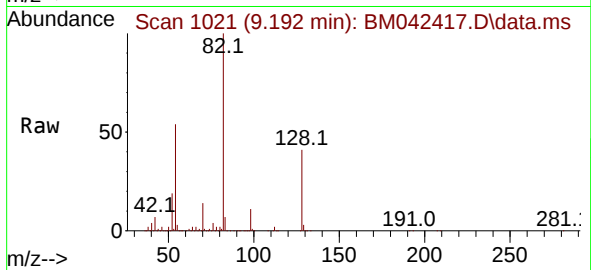
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 82 Resp: 1145935

Ion	Ratio	Lower	Upper
82	100		
128	40.6	29.0	43.6
54	54.2	43.7	65.5



#32

Benzoic acid

Concen: 5.770 ng

RT: 10.034 min Scan# 1164

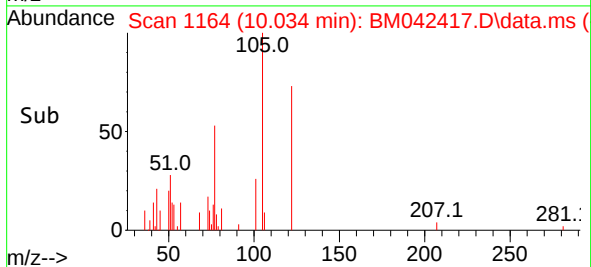
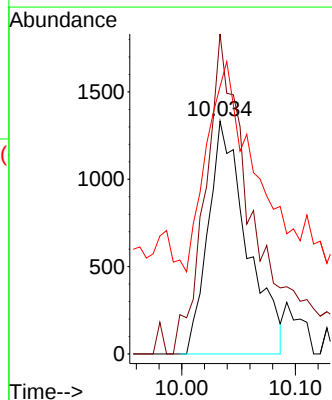
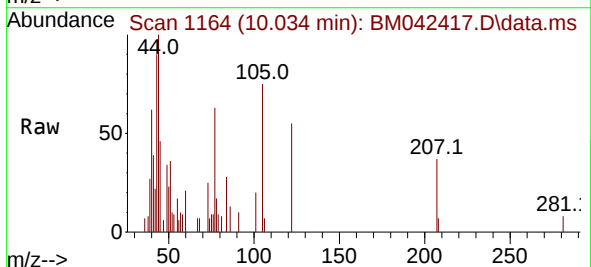
Delta R.T. -0.076 min

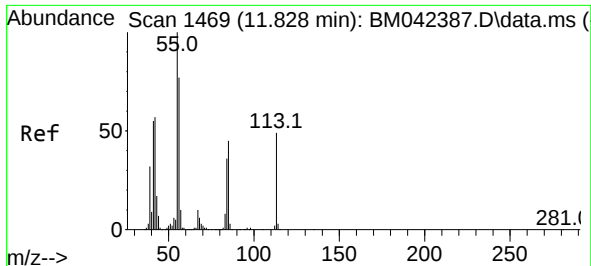
Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

Tgt Ion:122 Resp: 3156

Ion	Ratio	Lower	Upper
122	100		
105	137.4	104.9	144.9
77	114.8	83.4	123.4

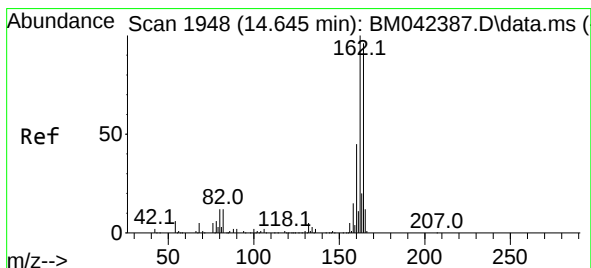
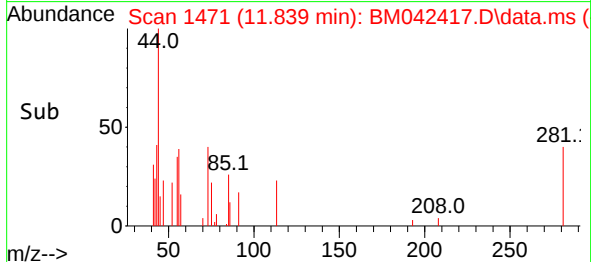
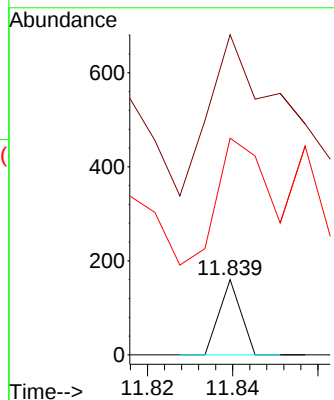
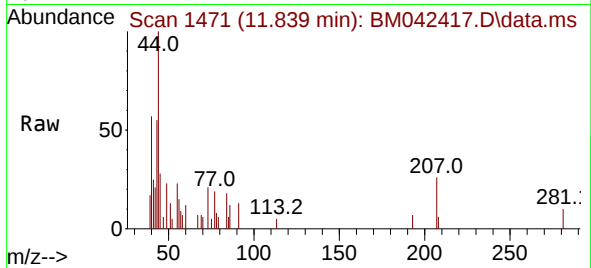




#35
Caprolactam
Concen: 5.945 ng
RT: 11.839 min Scan# 1469
Delta R.T. 0.011 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

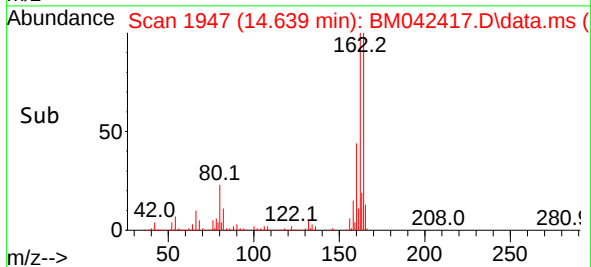
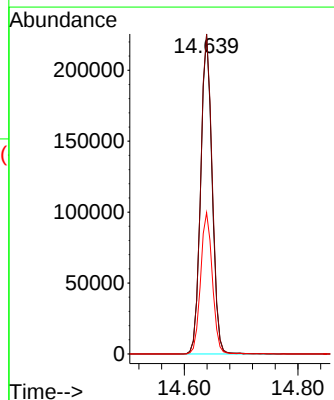
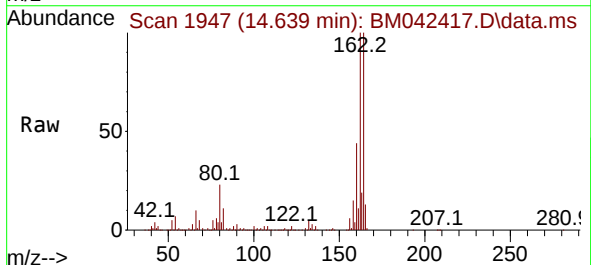
Instrument :
BNA_M
ClientSampleId :

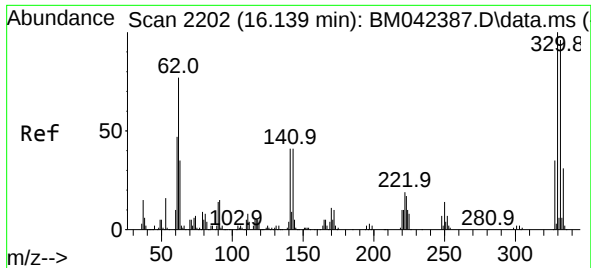
Tgt Ion:113 Resp: 56
Ion Ratio Lower Upper
113 100
55 425.6 185.6 225.6#
56 288.1 137.8 177.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Tgt Ion:164 Resp: 313694
Ion Ratio Lower Upper
164 100
162 99.9 83.0 124.4
160 44.1 37.0 55.4

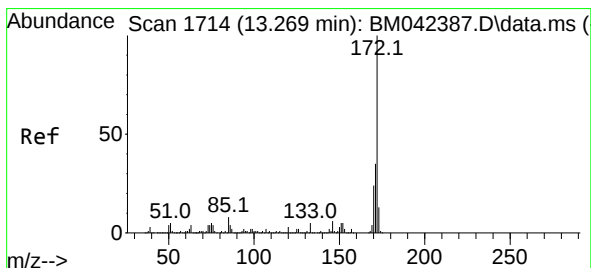
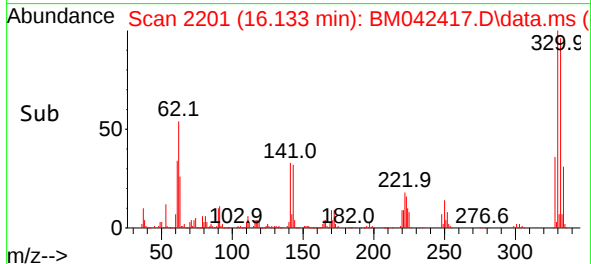
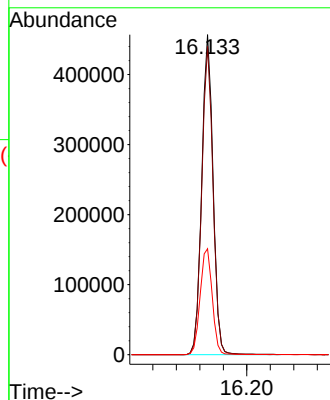
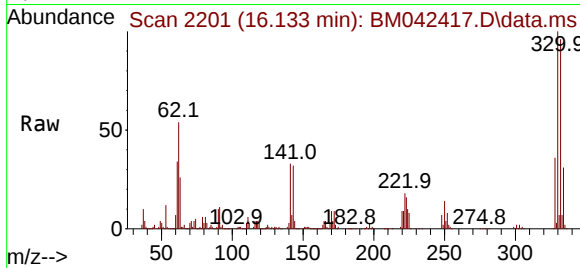




#42
2,4,6-Tribromophenol
Concen: 173.109 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

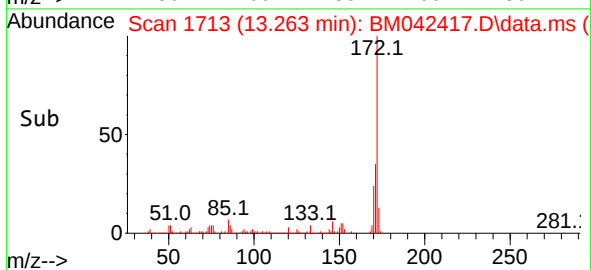
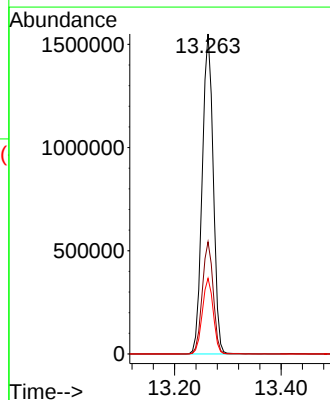
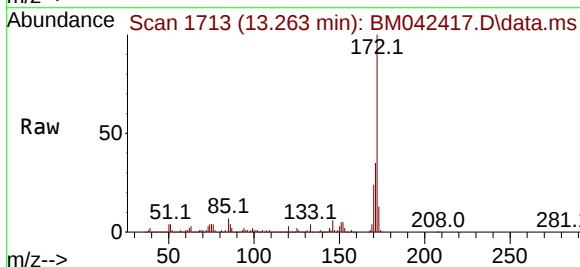
Instrument :
BNA_M
ClientSampleId :

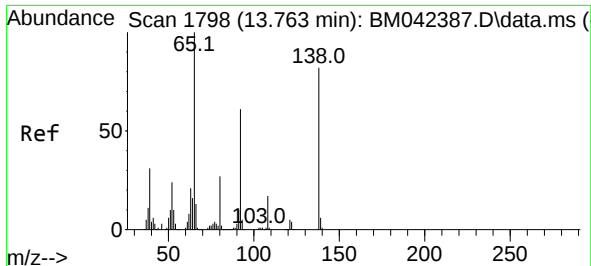
Tgt Ion:330 Resp: 611137
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 35.3 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 95.552 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

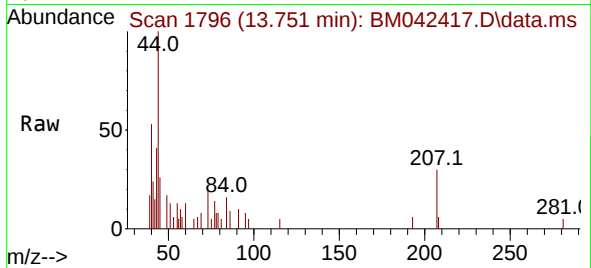
Tgt Ion:172 Resp: 2225902
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3



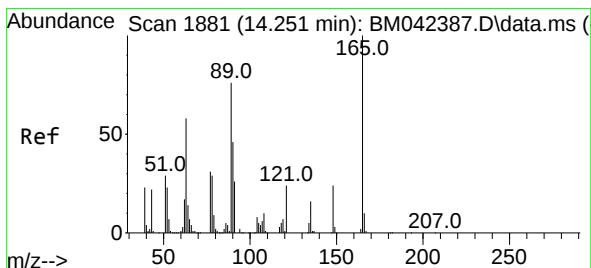
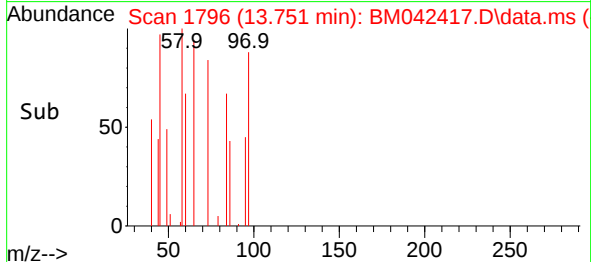
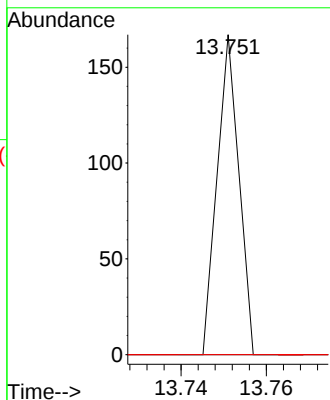


#48
2-Nitroaniline
Concen: 3.647 ng
RT: 13.751 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Instrument :
BNA_M
ClientSampleId :

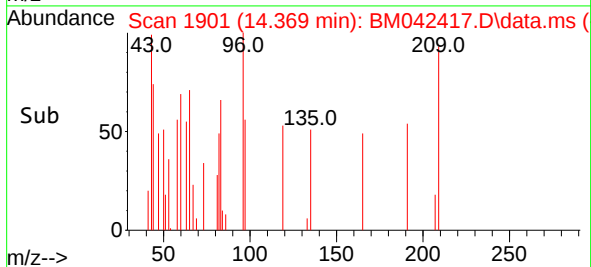
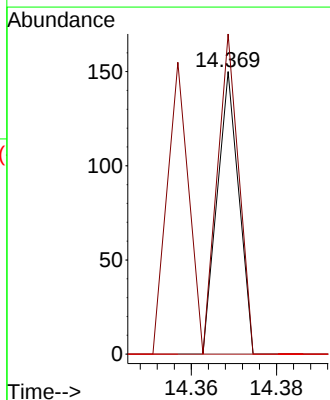
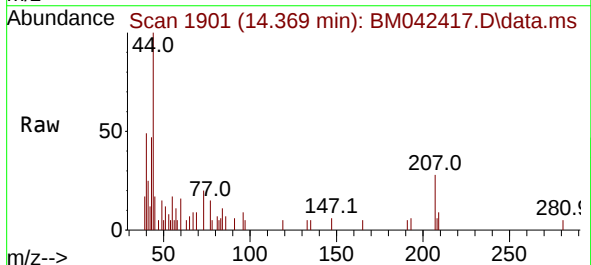


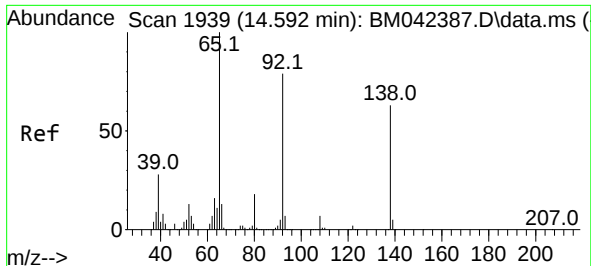
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#



#51
2,6-Dinitrotoluene
Concen: 2.897 ng
RT: 14.369 min Scan# 1901
Delta R.T. 0.118 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Tgt Ion:165 Resp: 53
Ion Ratio Lower Upper
165 100
63 113.3 65.3 97.9#
89 0.0 60.6 91.0#

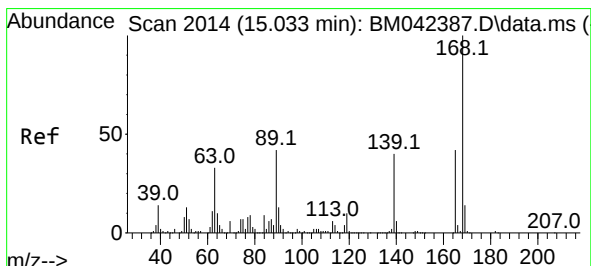
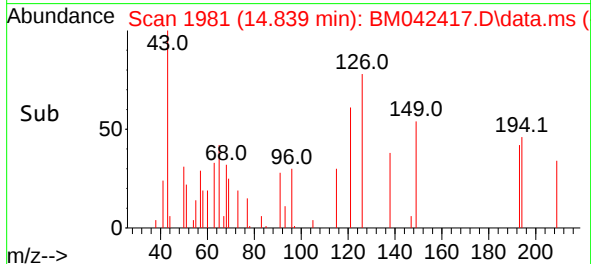
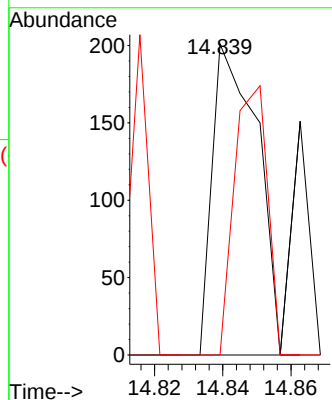
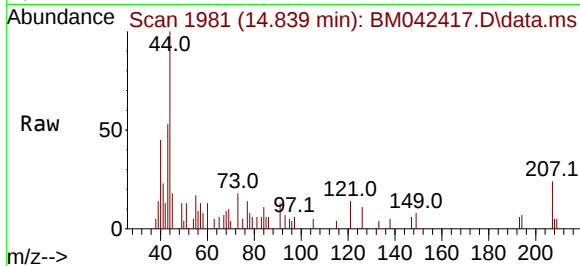




#53
3-Nitroaniline
Concen: 3.293 ng
RT: 14.839 min Scan# 1939
Delta R.T. 0.247 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

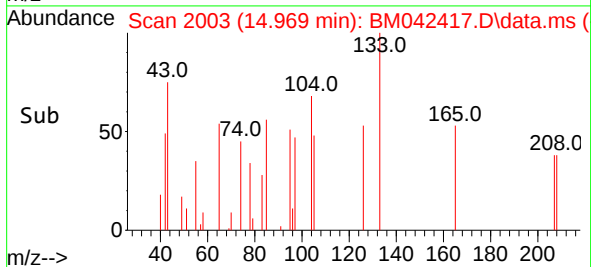
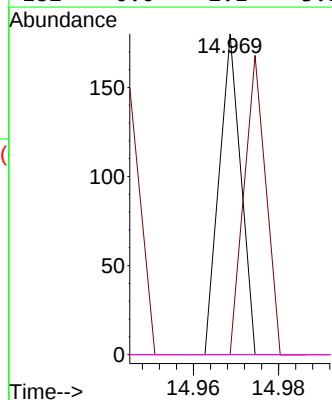
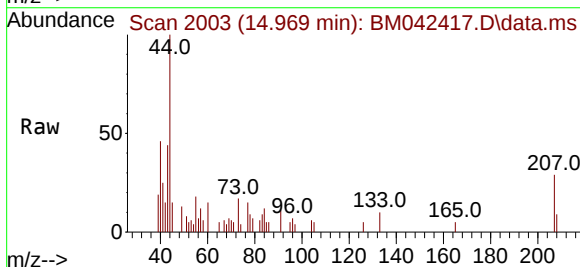
Instrument :
BNA_M
ClientSampleId :

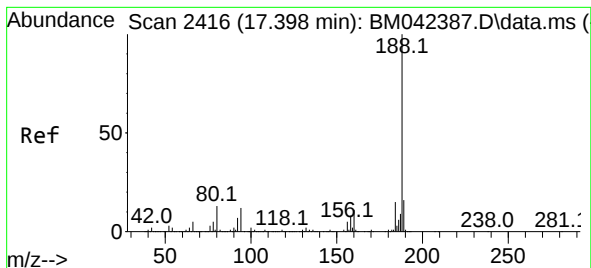
Tgt Ion:138 Resp: 183
Ion Ratio Lower Upper
138 100
108 0.0 8.3 12.5#
92 0.0 100.6 151.0#



#57
2,4-Dinitrotoluene
Concen: 4.072 ng
RT: 14.969 min Scan# 2003
Delta R.T. -0.064 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Tgt Ion:165 Resp: 64
Ion Ratio Lower Upper
165 100
63 0.0 62.9 94.3#
89 0.0 80.2 120.2#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

Instrument :

BNA_M

ClientSampleId :

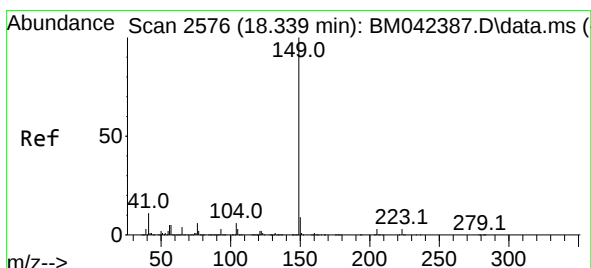
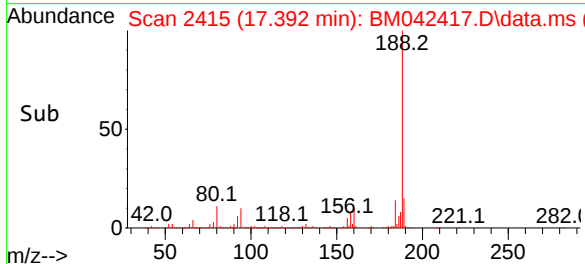
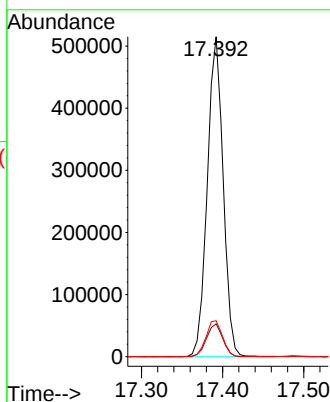
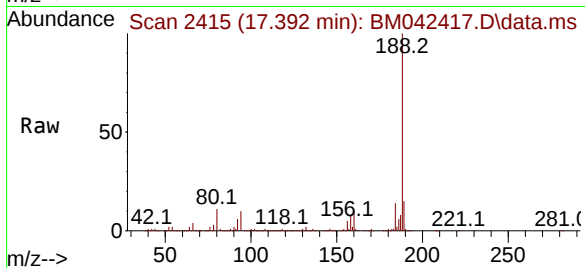
Tgt Ion:188 Resp: 697664

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.3 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.950 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

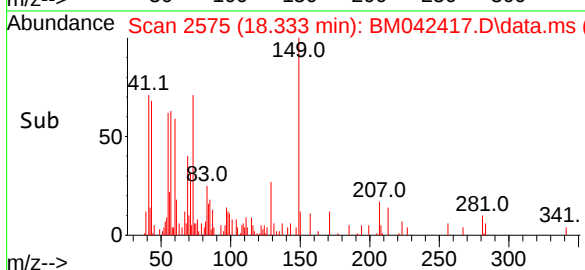
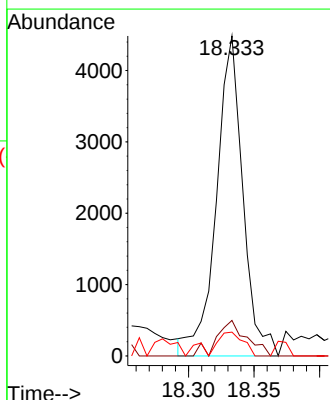
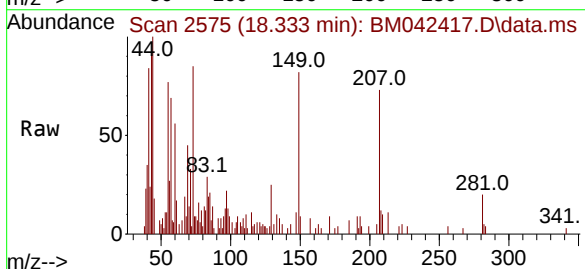
Tgt Ion:149 Resp: 6287

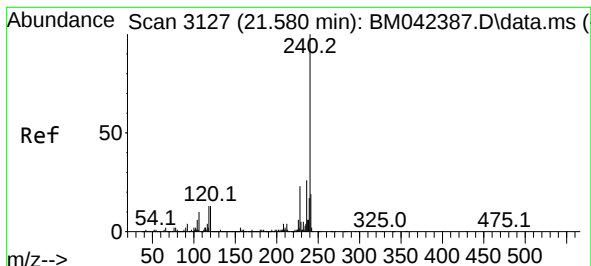
Ion Ratio Lower Upper

149 100

150 11.1 7.4 11.0#

104 7.4 4.6 7.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

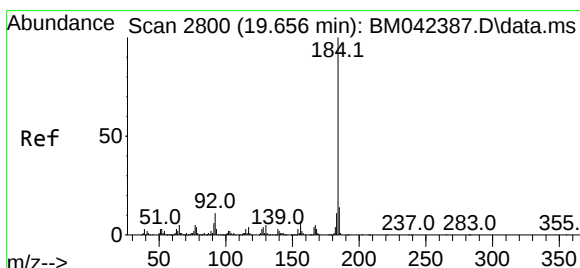
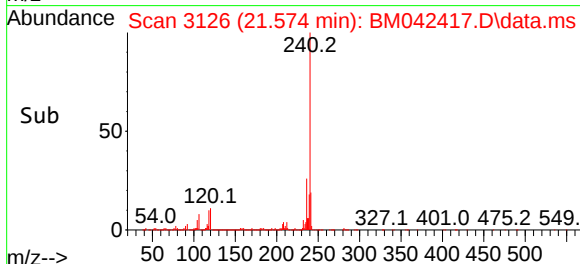
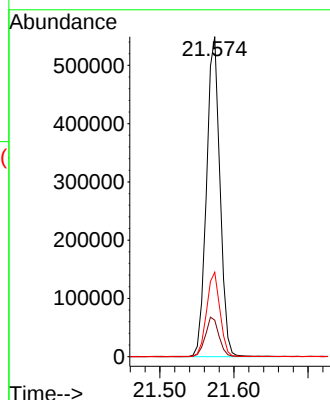
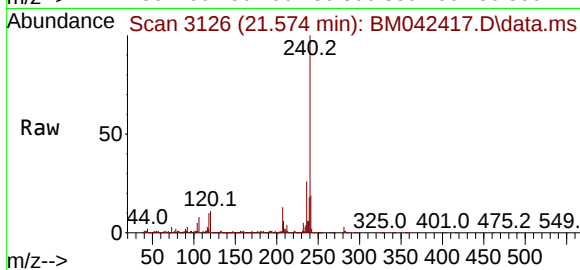
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:240 Resp: 691745

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.7	16.1
236	26.4	20.7	31.1



#77

Benzidine

Concen: 2.519 ng

RT: 19.657 min Scan# 2800

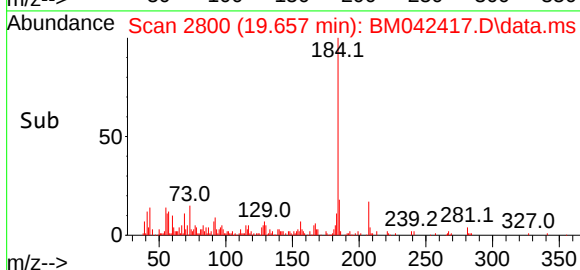
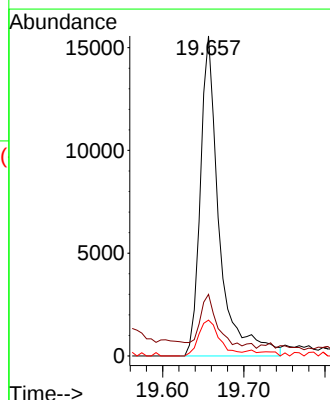
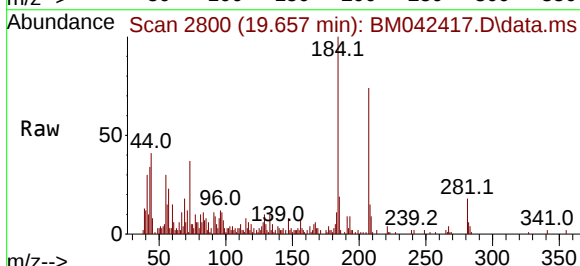
Delta R.T. 0.000 min

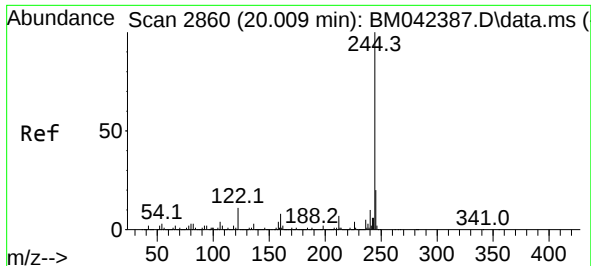
Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

Tgt Ion:184 Resp: 25200

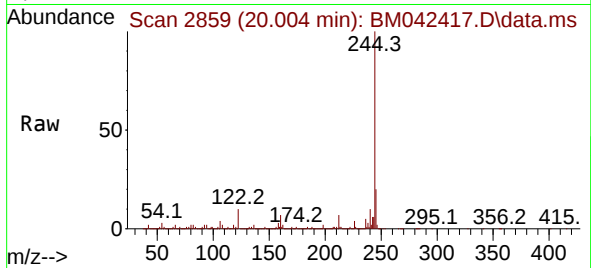
Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.5	17.3#
183	11.2	9.2	13.8



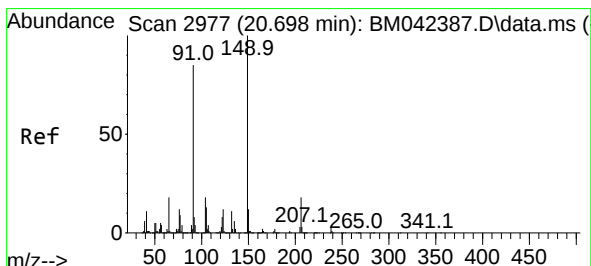
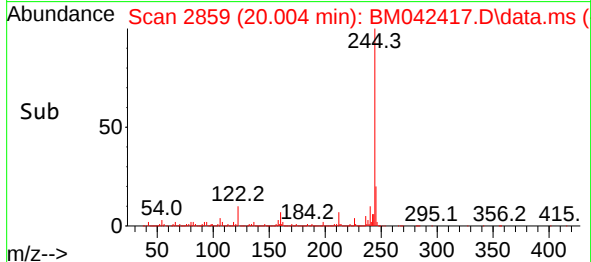
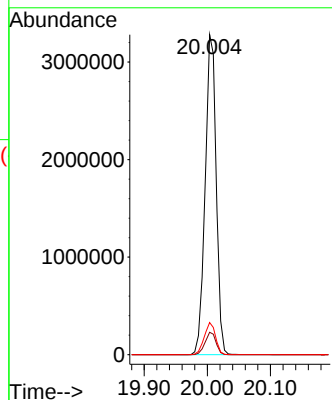


#79
 Terphenyl-d14
 Concen: 102.047 ng
 RT: 20.004 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042417.D
 Acq: 24 Oct 2023 13:37

Instrument :
 BNA_M
 ClientSampleId :

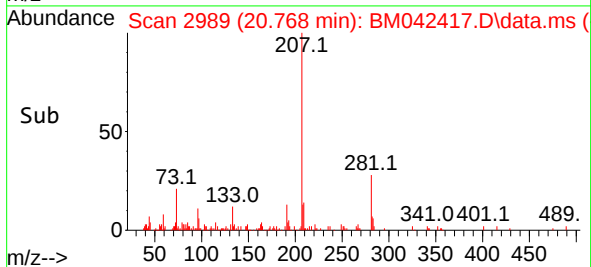
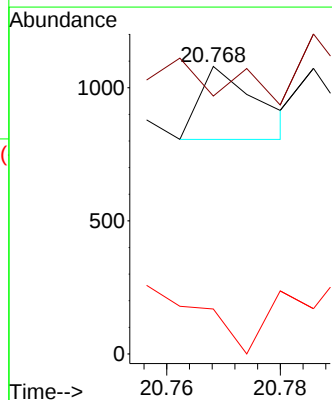
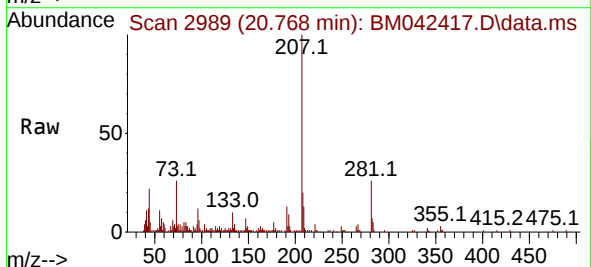


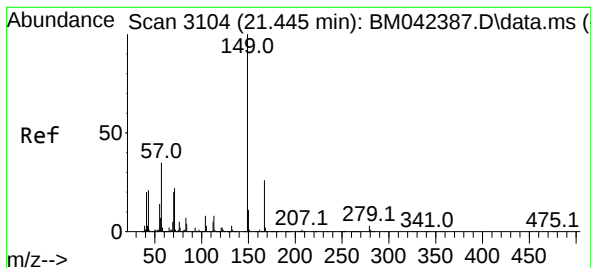
Tgt Ion:244 Resp: 3980298
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.267 ng
 RT: 20.768 min Scan# 2989
 Delta R.T. 0.070 min
 Lab File: BM042417.D
 Acq: 24 Oct 2023 13:37

Tgt Ion:149 Resp: 195
 Ion Ratio Lower Upper
 149 100
 91 89.7 68.3 102.5
 206 15.6 14.6 22.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.489 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

Instrument :

BNA_M

ClientSampleId :

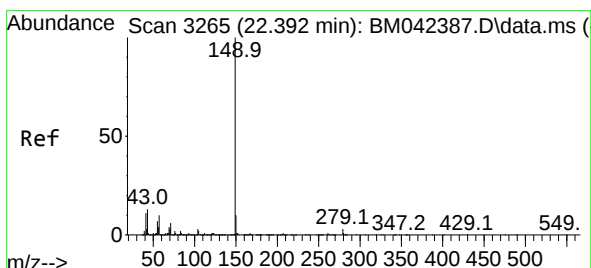
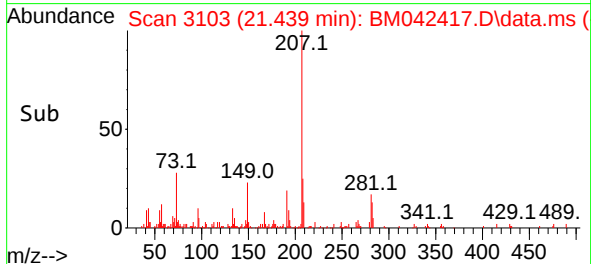
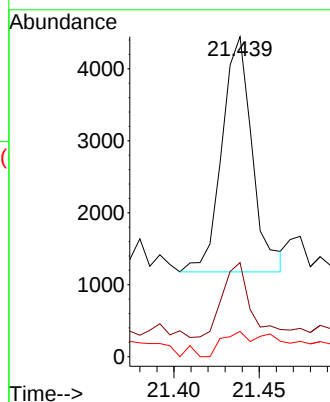
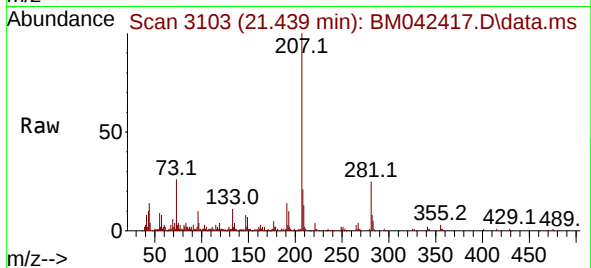
Tgt Ion:149 Resp: 4041

Ion Ratio Lower Upper

149 100

167 29.4 20.9 31.3

279 7.9 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 4.227 ng

RT: 22.368 min Scan# 3261

Delta R.T. -0.024 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

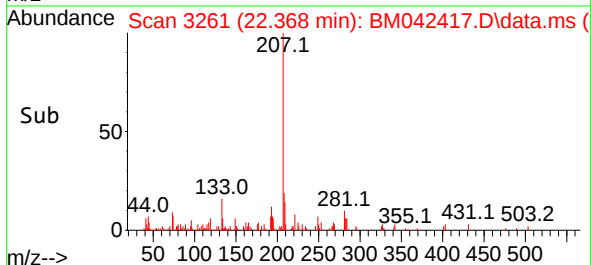
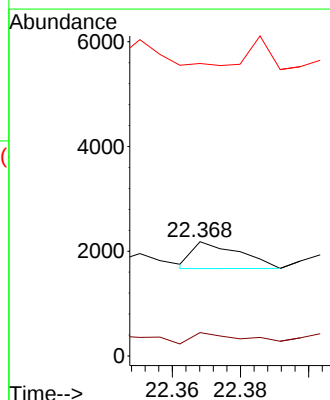
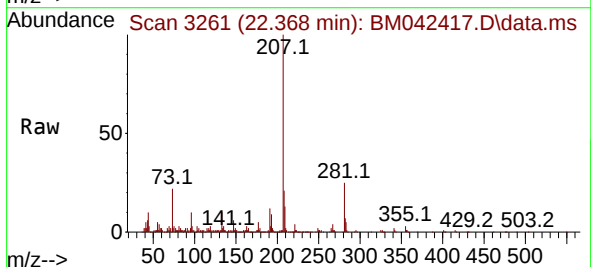
Tgt Ion:149 Resp: 492

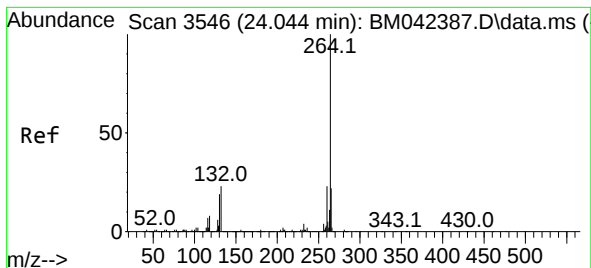
Ion Ratio Lower Upper

149 100

167 46.5 1.2 1.8#

43 0.0 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3

Delta R.T. -0.012 min

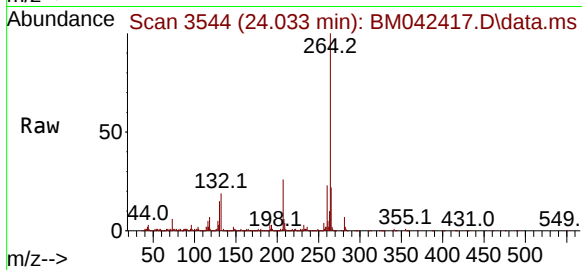
Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 765661

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 17.8 26.8

