

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042540.D
 Acq On : 01 Nov 2023 15:24
 Operator : MA/JU
 Sample : 05138-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348RE

Quant Time: Nov 01 16:38:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

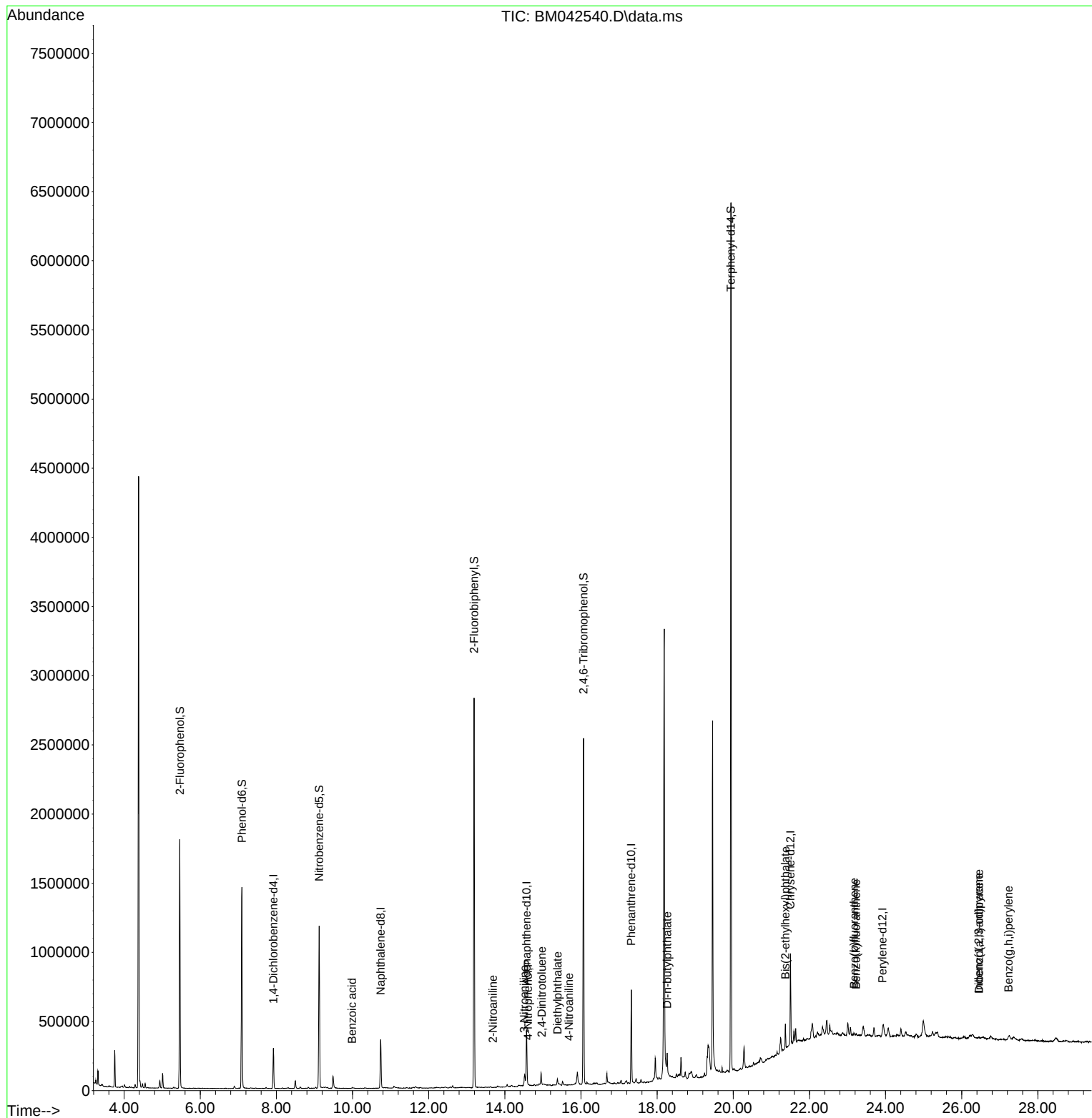
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	68377	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	254497	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	107924	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	349496	20.000	ng	0.00
76) Chrysene-d12	21.503	240	238602	20.000	ng	0.00
86) Perylene-d12	23.921	264	22003	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	630981	148.928	ng	0.00
7) Phenol-d6	7.092	99	651492	112.121	ng	0.00
23) Nitrobenzene-d5	9.122	82	610836	111.887	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	396738	281.566	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1271239	158.498	ng	0.00
79) Terphenyl-d14	19.939	244	2521961	179.221	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.986	122	1766	4.648	ng	89
48) 2-Nitroaniline	13.686	65	643	4.590	ng	# 42
53) 3-Nitroaniline	14.510	138	380	4.537	ng	# 67
56) 4-Nitrophenol	14.610	139	66	6.993	ng	91
57) 2,4-Dinitrotoluene	14.968	165	421	4.125	ng	# 63
60) Diethylphthalate	15.380	149	31326	3.833	ng	98
62) 4-Nitroaniline	15.686	138	275	5.885	ng	# 25
74) Di-n-butylphthalate	18.262	149	101327	4.903	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	63899	6.042	ng	99
87) Indeno(1,2,3-cd)pyrene	26.450	276	6164	4.707	ng	# 81
88) Benzo(b)fluoranthene	23.174	252	13640	11.127	ng	# 74
89) Benzo(k)fluoranthene	23.221	252	10580	7.745	ng	# 69
91) Dibenzo(a,h)anthracene	26.456	278	3936	7.113	ng	# 69
92) Benzo(g,h,i)perylene	27.232	276	5714	4.951	ng	# 78

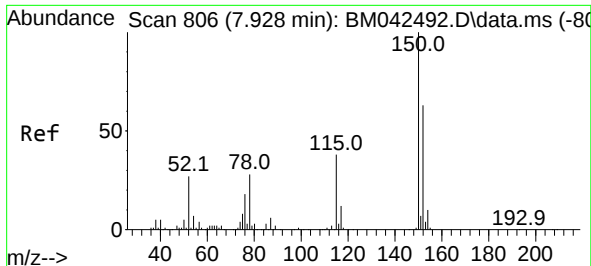
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

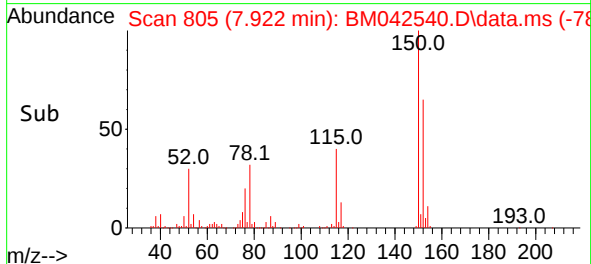
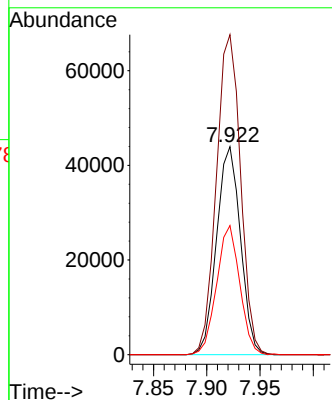
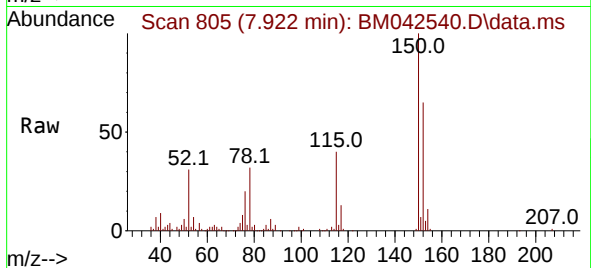




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

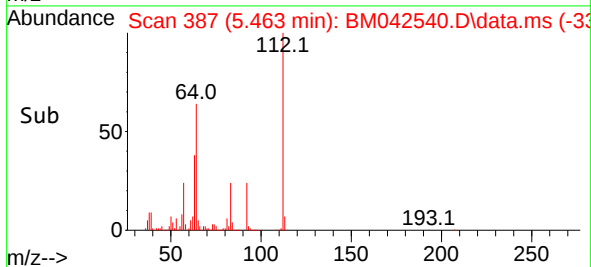
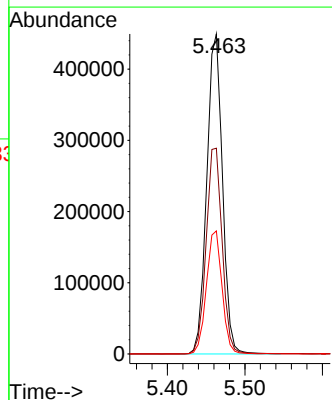
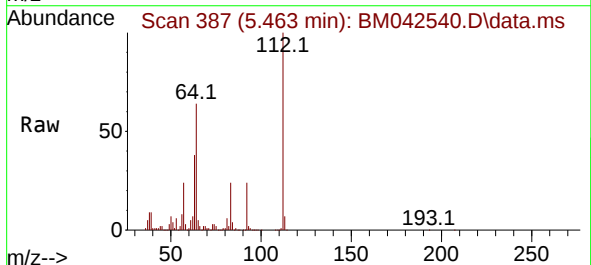
Instrument :
BNA_M
ClientSampleId :
348RE

Tgt Ion:152 Resp: 68377
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.0
115 62.1 47.9 71.9



#5
2-Fluorophenol
Concen: 148.928 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:112 Resp: 630981
Ion Ratio Lower Upper
112 100
64 64.3 52.1 78.1
63 38.5 28.3 42.5

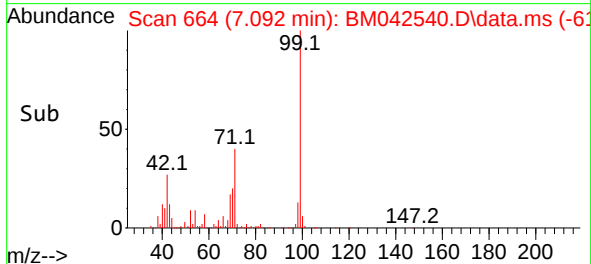
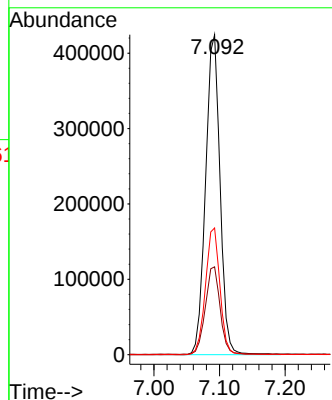
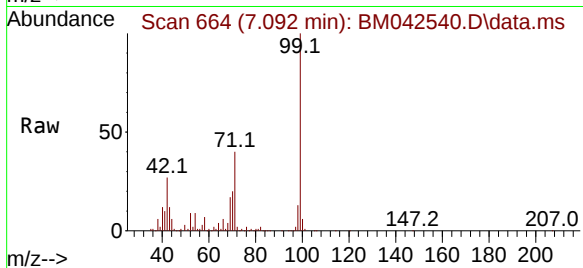




#7
Phenol-d6
Concen: 112.121 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

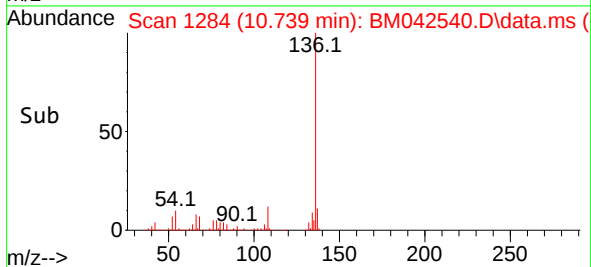
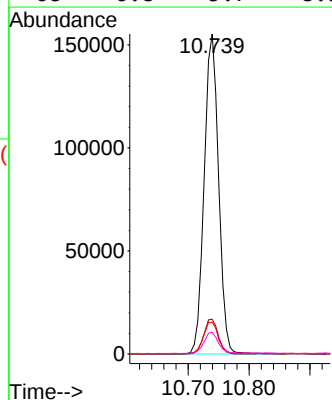
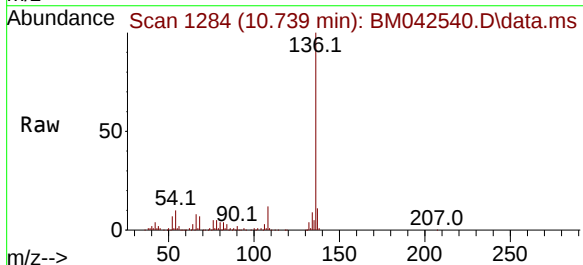
Instrument :
BNA_M
ClientSampleId :
348RE

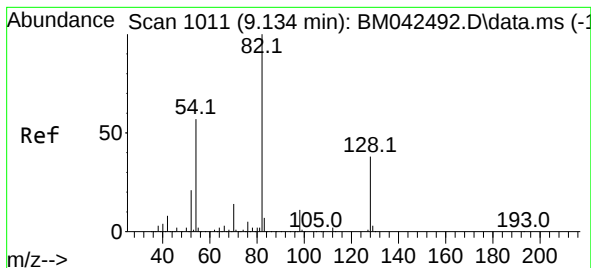
Tgt Ion: 99 Resp: 651492
Ion Ratio Lower Upper
99 100
42 27.5 18.7 28.1
71 39.6 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion: 136 Resp: 254497
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.9 8.0 12.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 111.887 ng

RT: 9.122 min Scan# 1109

Delta R.T. -0.012 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

Instrument :

BNA_M

ClientSampleId :

348RE

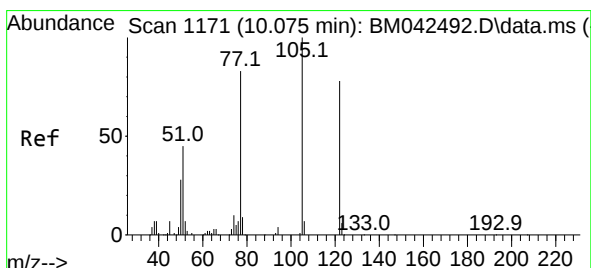
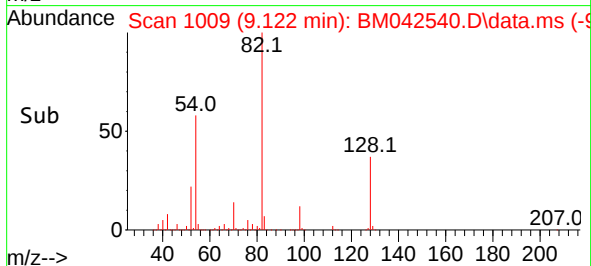
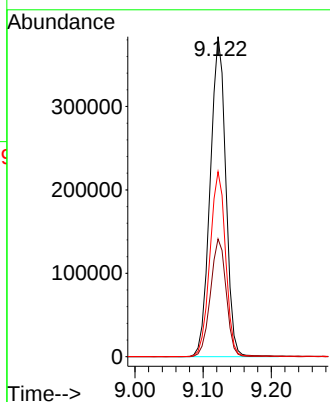
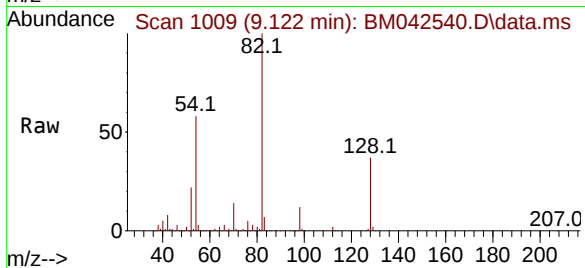
Tgt Ion: 82 Resp: 610836

Ion Ratio Lower Upper

82 100

128 36.8 30.7 46.1

54 57.8 45.3 67.9



#32

Benzoic acid

Concen: 4.648 ng

RT: 9.986 min Scan# 1156

Delta R.T. -0.089 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

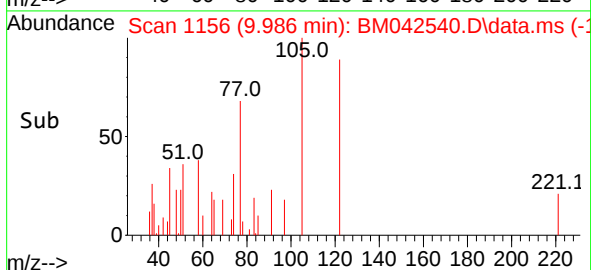
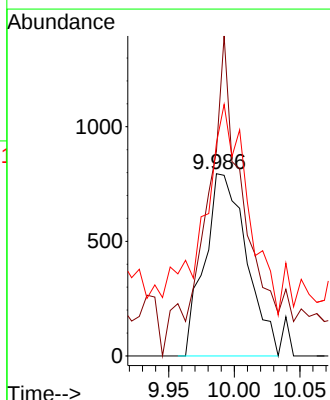
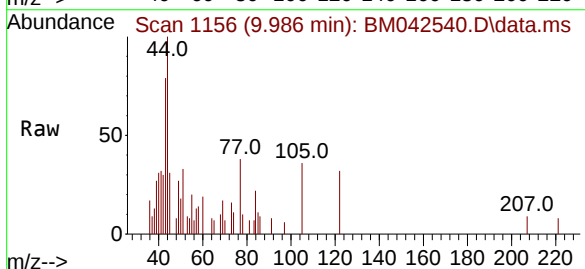
Tgt Ion:122 Resp: 1766

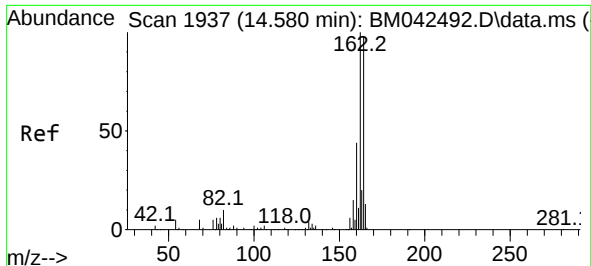
Ion Ratio Lower Upper

122 100

105 112.3 105.2 145.2

77 116.7 84.8 124.8

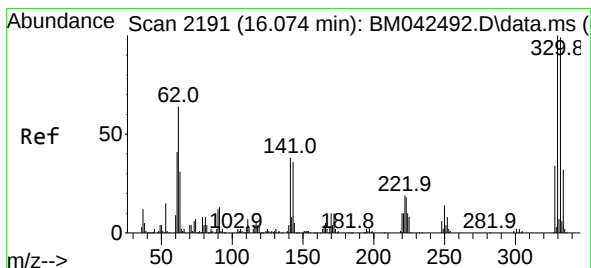
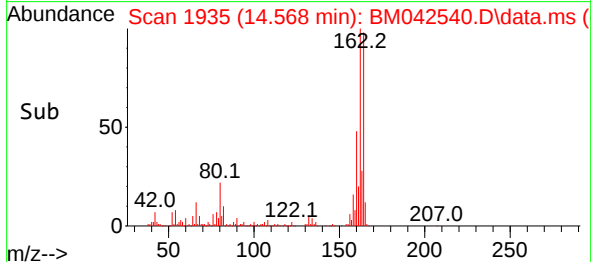
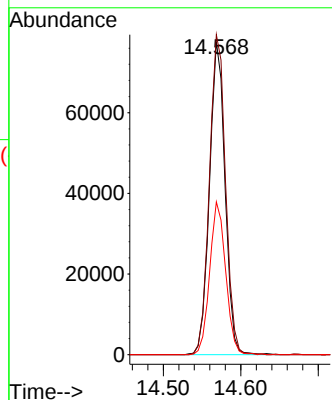
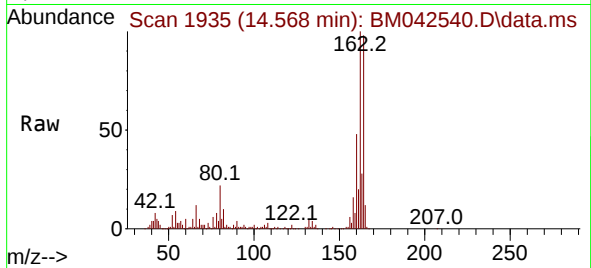




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

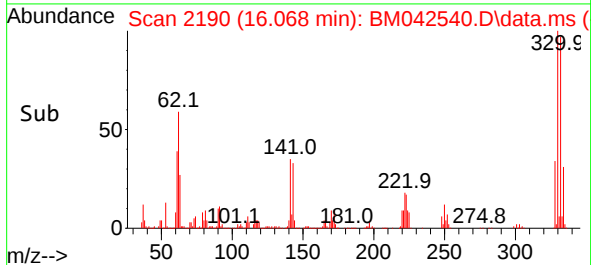
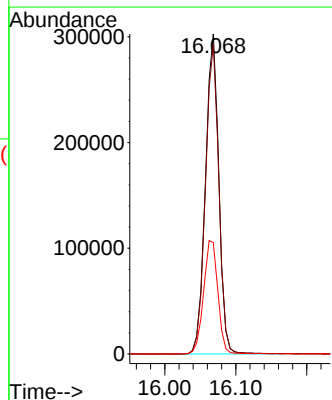
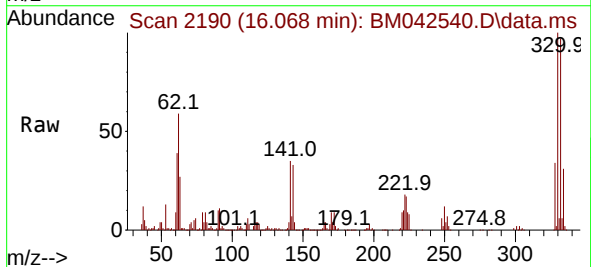
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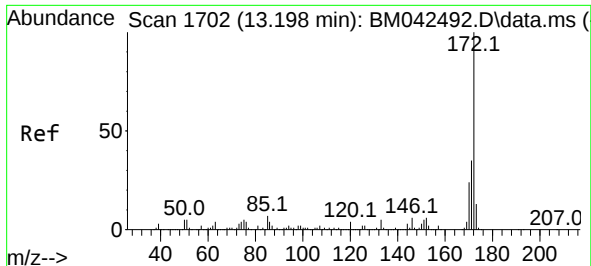
Tgt Ion:164 Resp: 107924
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 48.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 281.566 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:330 Resp: 396738
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 38.0 31.1 46.7

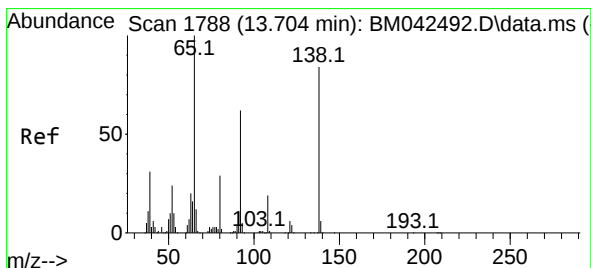
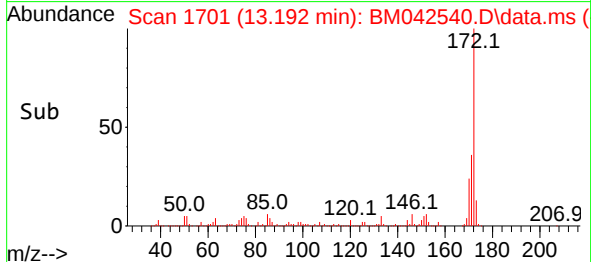
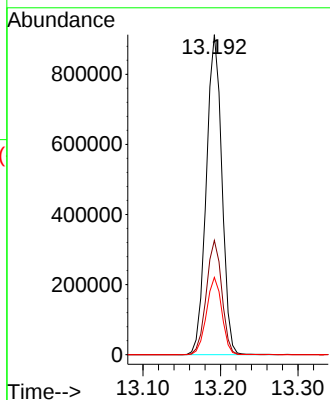
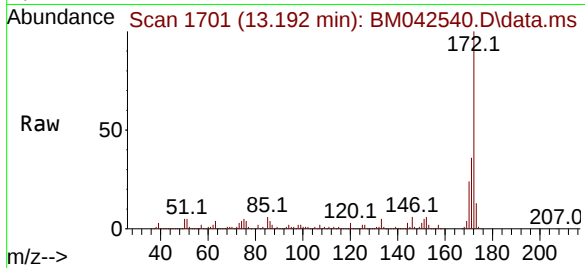




#45
2-Fluorobiphenyl
Concen: 158.498 ng
RT: 13.192 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

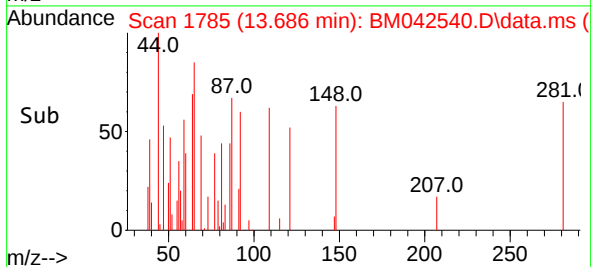
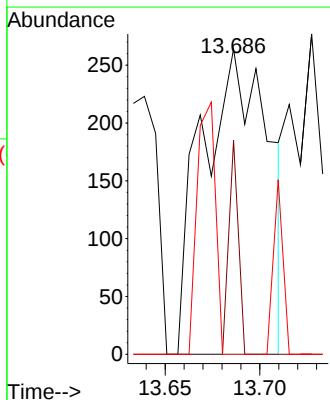
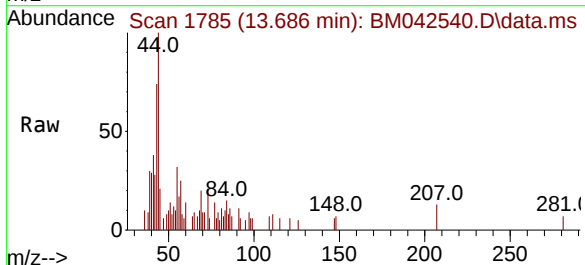
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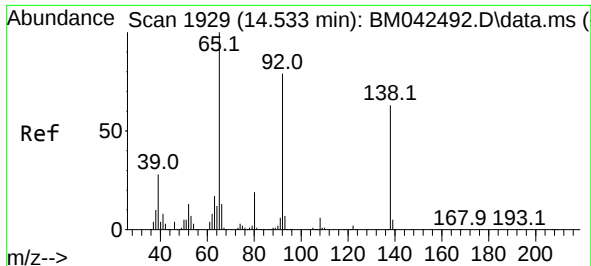
Tgt Ion:172 Resp: 1271239
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.1 19.0 28.4



#48
2-Nitroaniline
Concen: 4.590 ng
RT: 13.686 min Scan# 1785
Delta R.T. -0.018 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion: 65 Resp: 643
Ion Ratio Lower Upper
65 100
92 70.1 49.4 74.2
138 0.0 66.9 100.3#

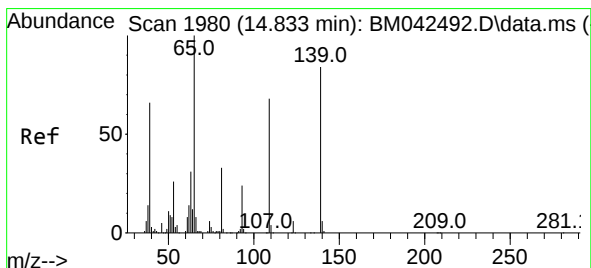
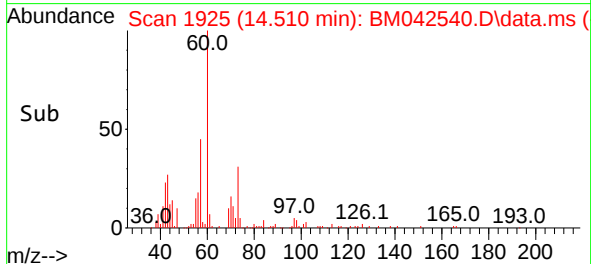
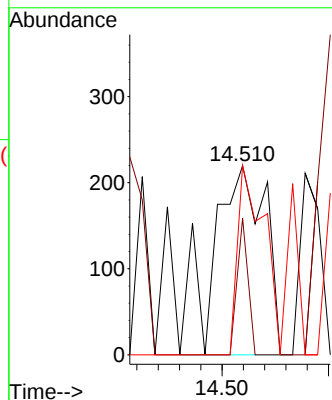
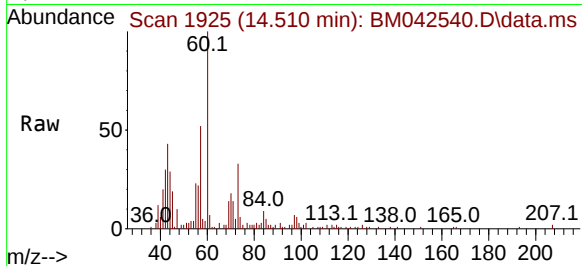




#53
3-Nitroaniline
Concen: 4.537 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

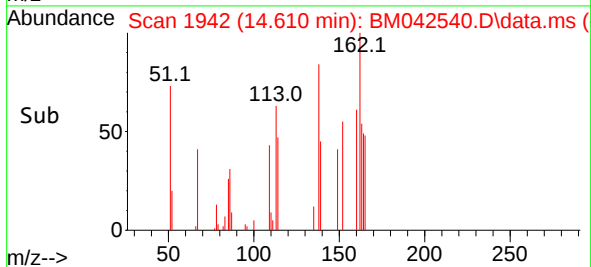
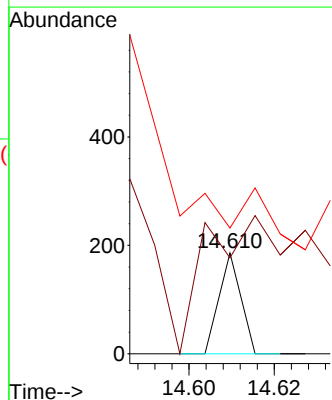
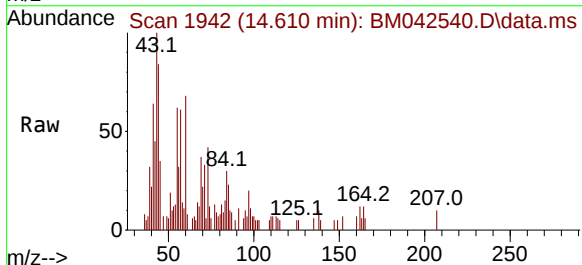
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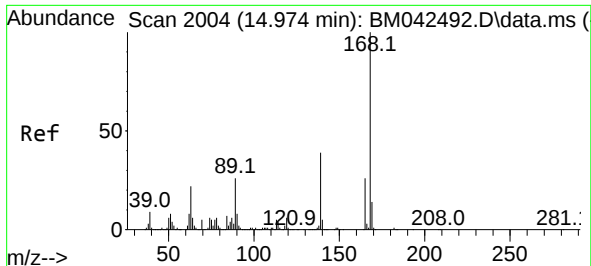
Tgt Ion:138 Resp: 380
Ion Ratio Lower Upper
138 100
108 72.3 7.9 11.9#
92 100.0 100.7 151.1#



#56
4-Nitrophenol
Concen: 6.993 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.223 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 95.2 61.3 101.3
65 124.7 100.2 140.2

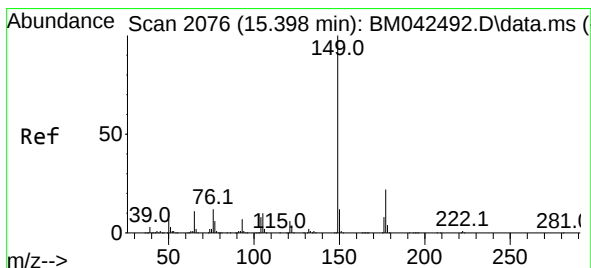
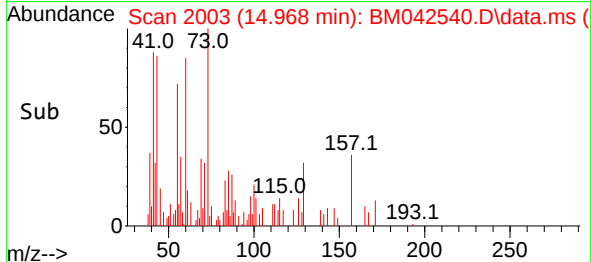
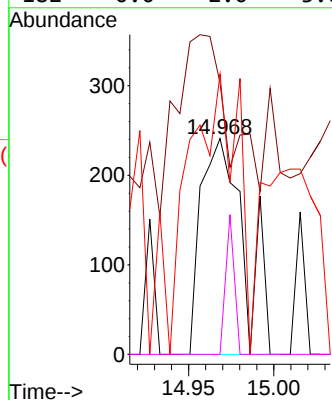
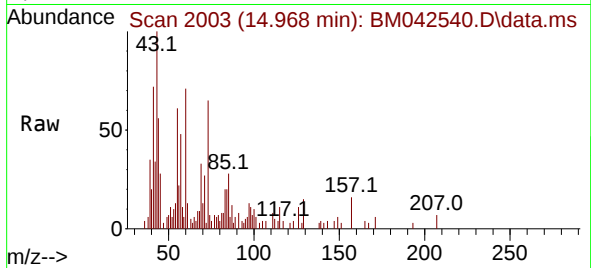




#57
2,4-Dinitrotoluene
Concen: 4.125 ng
RT: 14.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

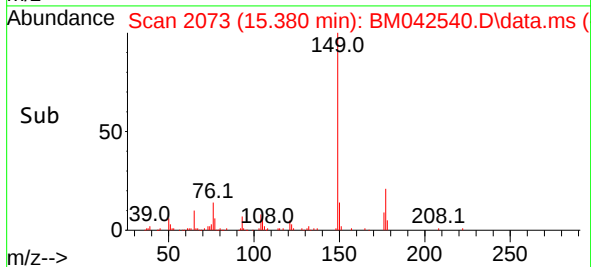
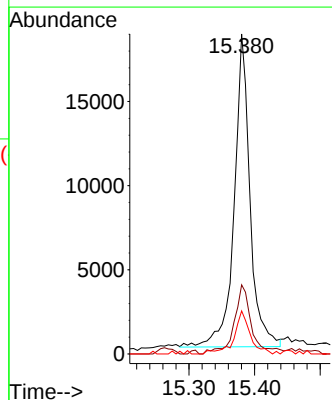
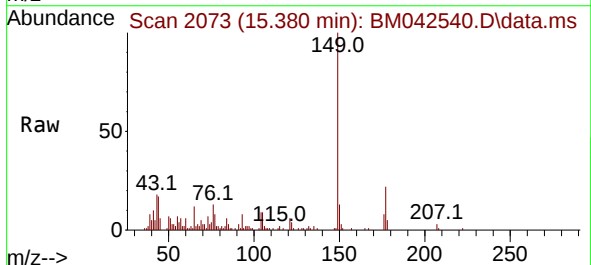
Instrument :
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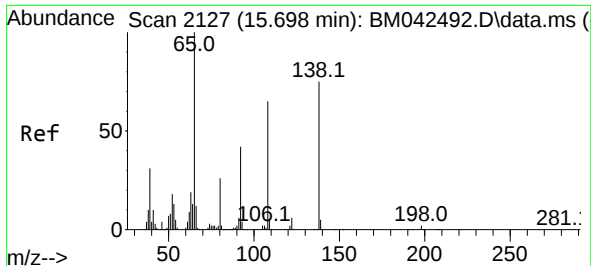
Tgt Ion:165 Resp: 421
Ion Ratio Lower Upper
165 100
63 125.7 66.7 100.1#
89 129.9 80.2 120.4#
182 0.0 2.0 3.0#



#60
Diethylphthalate
Concen: 3.833 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.018 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:149 Resp: 31326
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 13.4 9.8 14.6

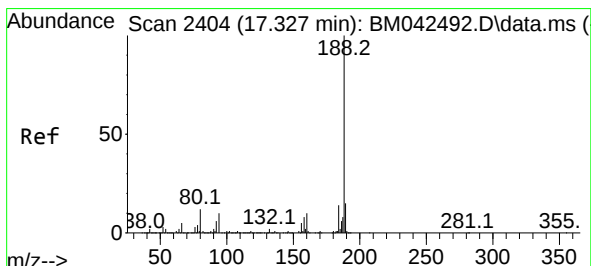
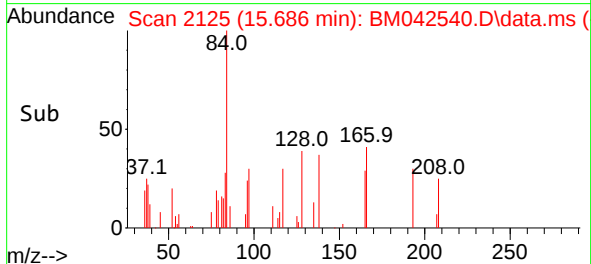
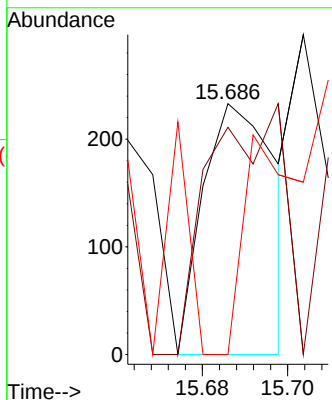
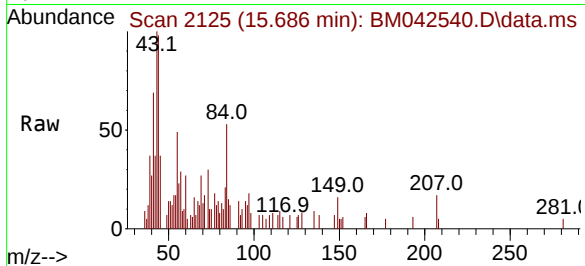




#62
4-Nitroaniline
Concen: 5.885 ng
RT: 15.686 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

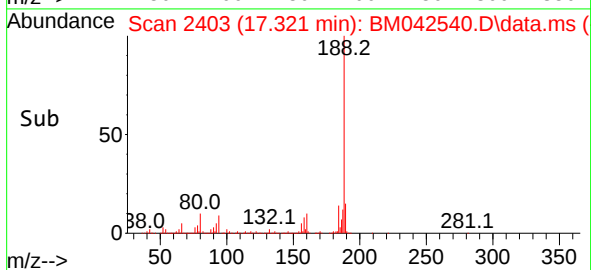
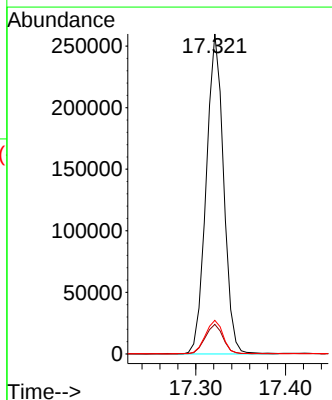
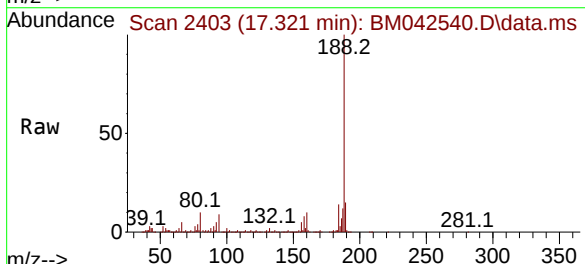
Instrument :
BNA_M
ClientSampleId :
348RE

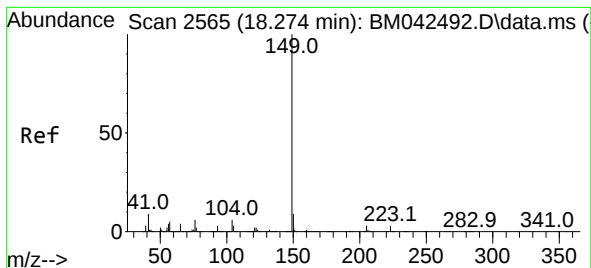
Tgt Ion:138 Resp: 275
Ion Ratio Lower Upper
138 100
92 90.6 37.0 77.0#
108 0.0 67.2 107.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:188 Resp: 349496
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 10.5 9.4 14.2





#74

Di-n-butylphthalate

Concen: 4.903 ng

RT: 18.262 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

Instrument :

BNA_M

ClientSampleId :

348RE

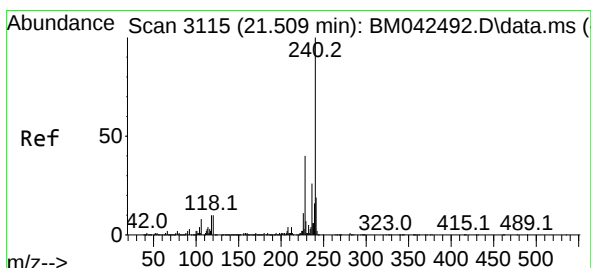
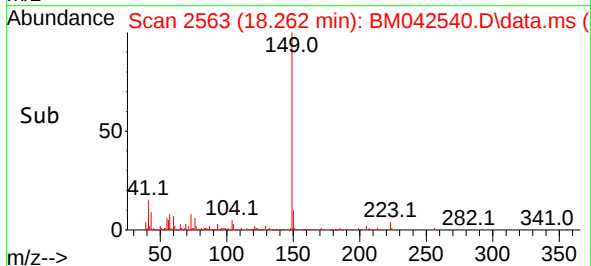
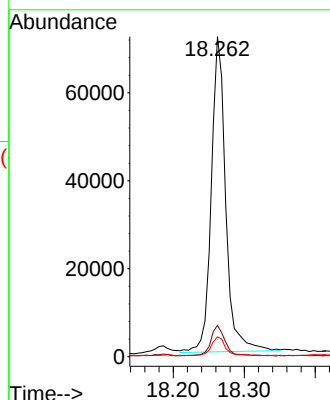
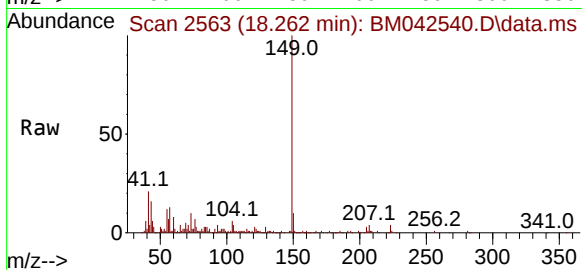
Tgt Ion:149 Resp: 101327

Ion Ratio Lower Upper

149 100

150 9.8 7.0 10.6

104 6.2 4.6 6.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042540.D

Acq: 01 Nov 2023 15:24

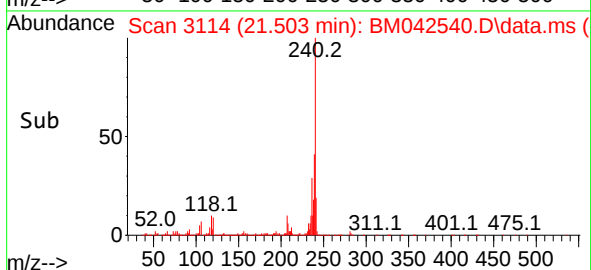
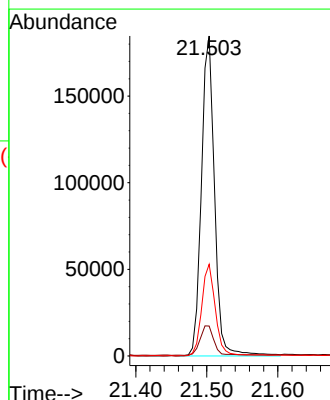
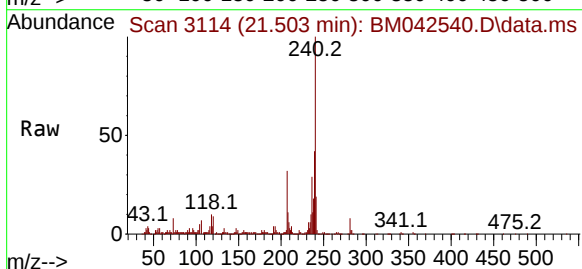
Tgt Ion:240 Resp: 238602

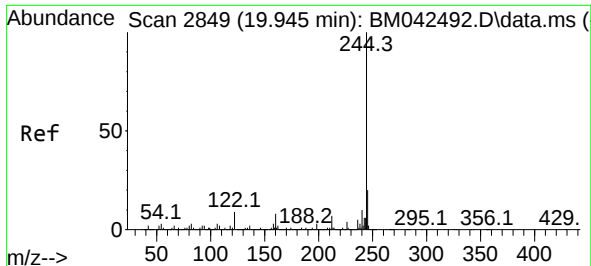
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 28.7 20.8 31.2

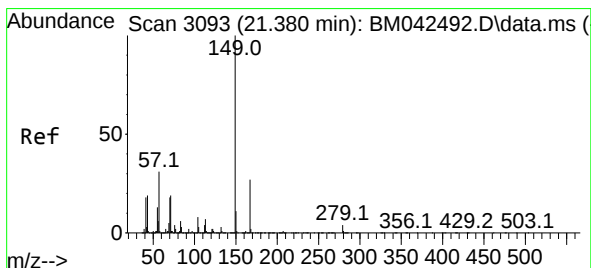
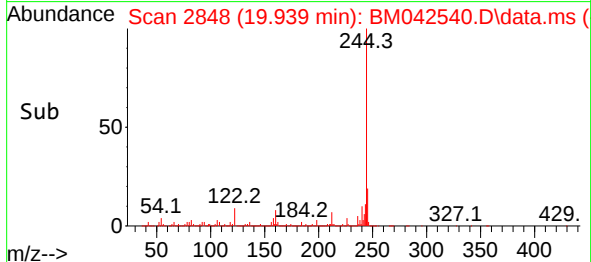
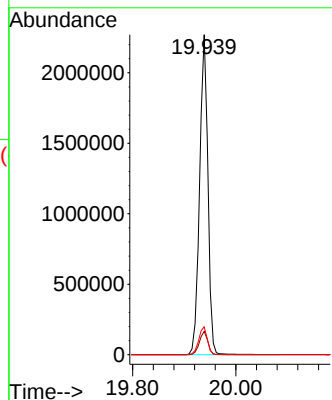
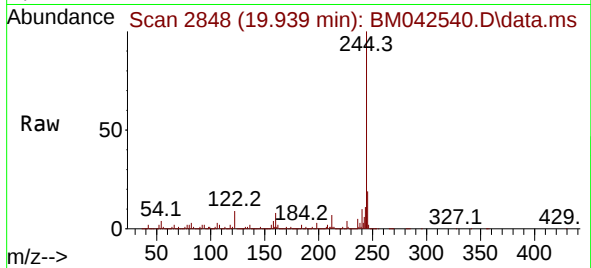




#79
 Terphenyl-d14
 Concen: 179.221 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042540.D
 Acq: 01 Nov 2023 15:24

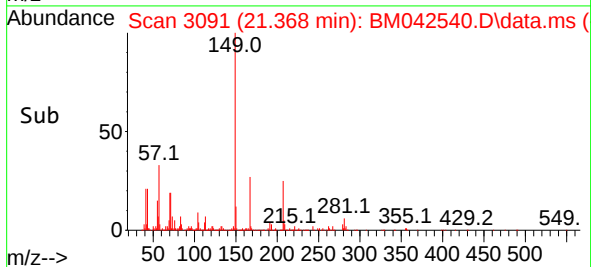
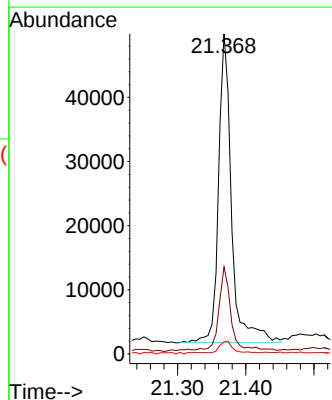
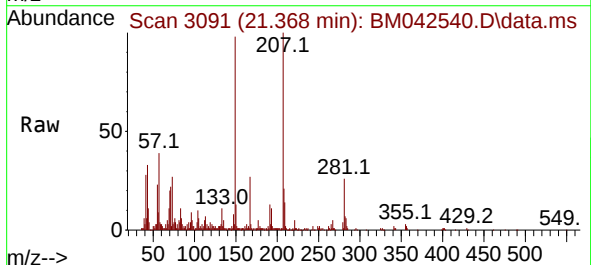
Instrument :
 BNA_M
 ClientSampleId :
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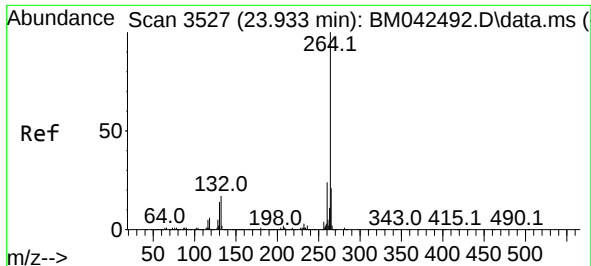
Tgt Ion:244 Resp: 2521961
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 8.7 7.2 10.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.042 ng
 RT: 21.368 min Scan# 3091
 Delta R.T. -0.012 min
 Lab File: BM042540.D
 Acq: 01 Nov 2023 15:24

Tgt Ion:149 Resp: 63899
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.0
 279 3.8 3.4 5.2

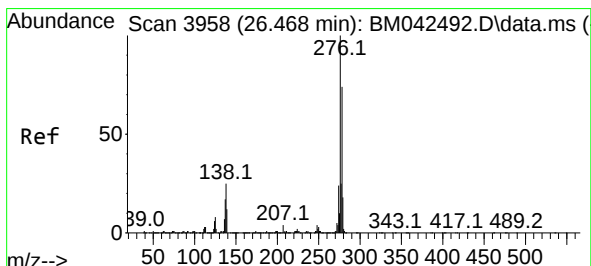
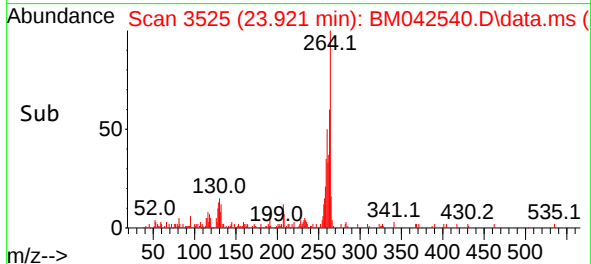
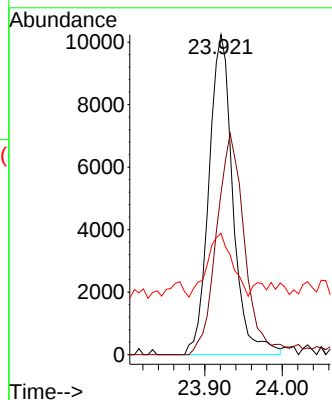
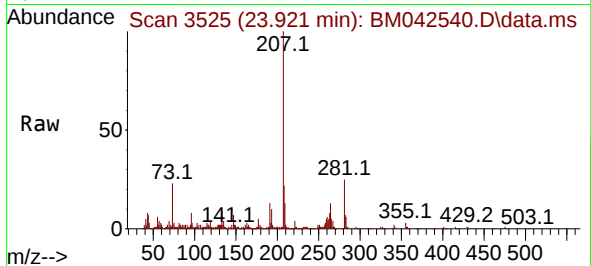




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.012 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

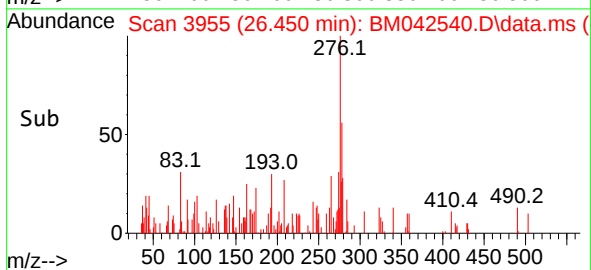
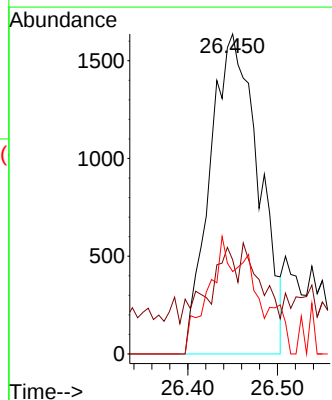
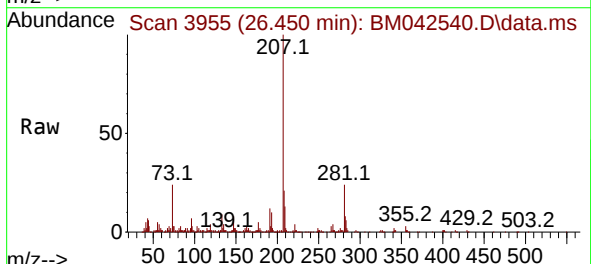
Instrument :
BNA_M
ClientSampleId :
348RE

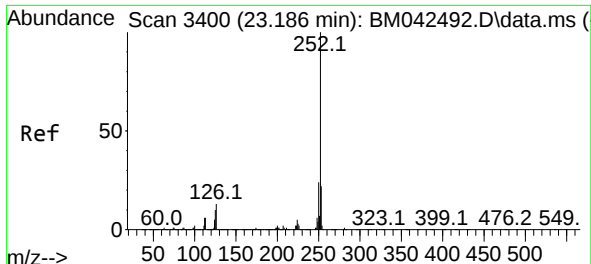
Tgt Ion:264 Resp: 22003
Ion Ratio Lower Upper
264 100
260 50.4 19.0 28.4#
265 37.9 18.7 28.1#



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.707 ng
RT: 26.450 min Scan# 3955
Delta R.T. -0.018 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:276 Resp: 6164
Ion Ratio Lower Upper
276 100
138 13.0 20.6 31.0#
277 17.9 19.5 29.3#

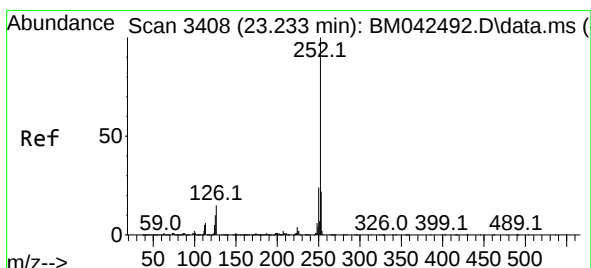
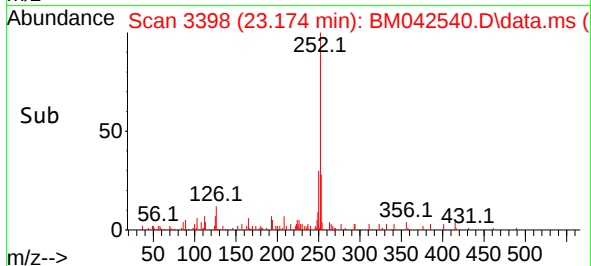
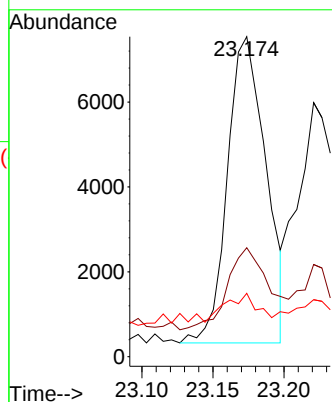
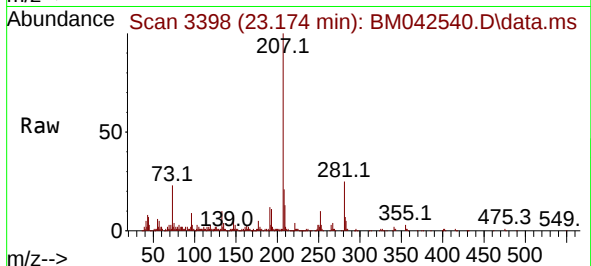




#88
Benzo(b)fluoranthene
Concen: 11.127 ng
RT: 23.174 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

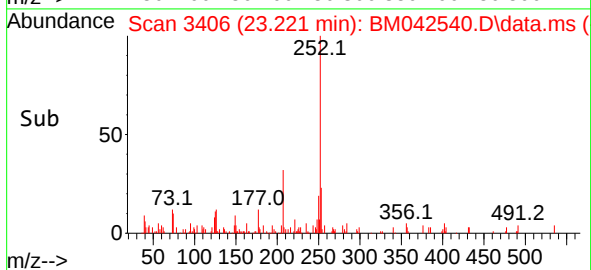
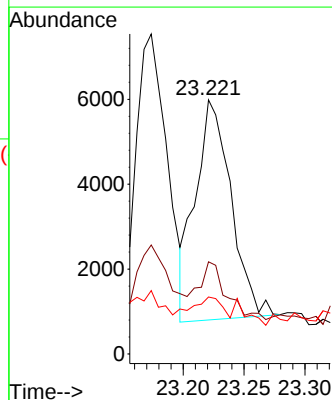
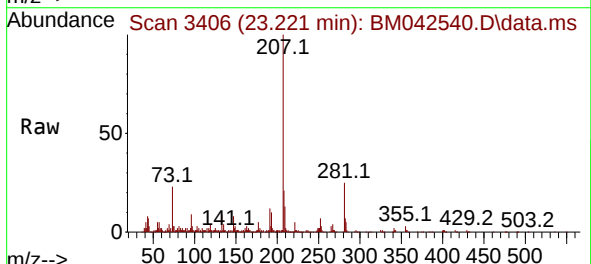
Instrument :
BNA_M
ClientSampleId :
348RE

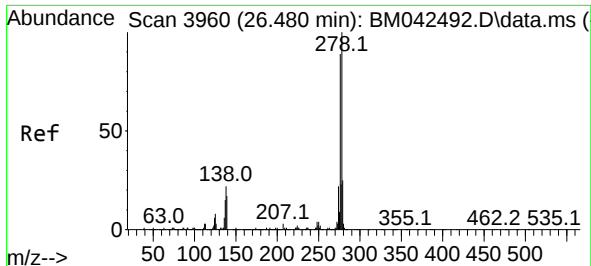
Tgt Ion:252 Resp: 13640
Ion Ratio Lower Upper
252 100
253 34.1 17.5 26.3#
125 19.8 7.8 11.6#



#89
Benzo(k)fluoranthene
Concen: 7.745 ng
RT: 23.221 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion:252 Resp: 10580
Ion Ratio Lower Upper
252 100
253 36.3 17.6 26.4#
125 22.5 8.2 12.4#

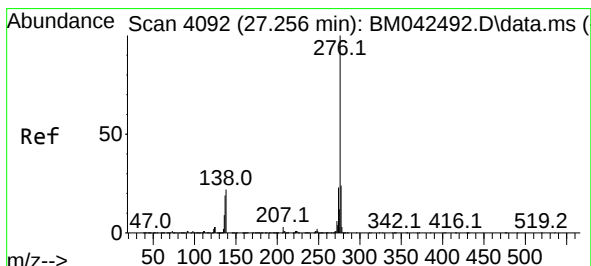
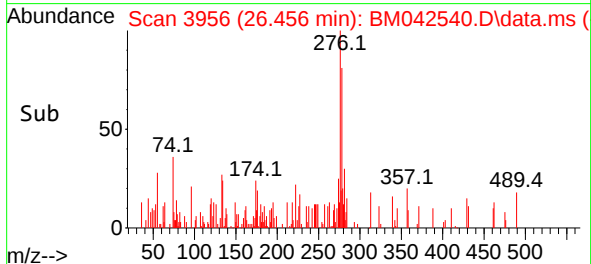
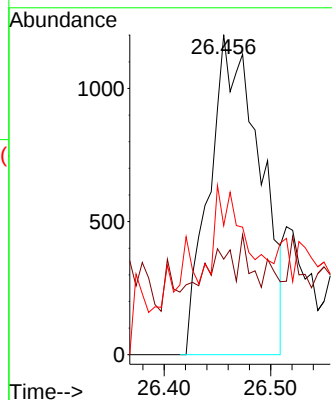
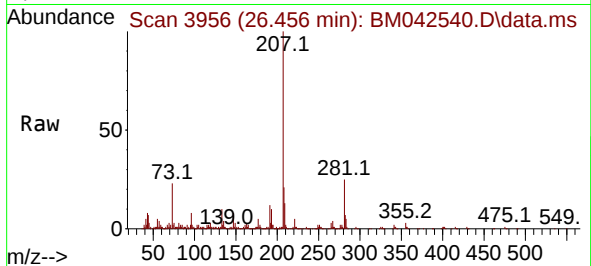




#91
Dibenzo(a,h)anthracene
Concen: 7.113 ng
RT: 26.456 min Scan# 3960
Delta R.T. -0.024 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Instrument :
BNA_M
ClientSampleId :
348RE

Tgt Ion: 278 Resp: 3936
Ion Ratio Lower Upper
278 100
139 29.9 13.4 20.2#
279 40.3 19.7 29.5#



#92
Benzo(g,h,i)perylene
Concen: 4.951 ng
RT: 27.232 min Scan# 4088
Delta R.T. -0.024 min
Lab File: BM042540.D
Acq: 01 Nov 2023 15:24

Tgt Ion: 276 Resp: 5714
Ion Ratio Lower Upper
276 100
277 32.4 19.2 28.8#
138 35.1 17.3 25.9#

