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 Data File : BM043515.D
 Acq On : 21 Dec 2023 23:11
 Operator : MA/JU
 Sample : PB157941BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

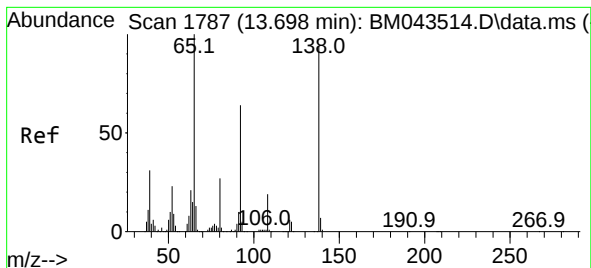
Instrument :
 BNA_M
 ClientSampleId :
 SBLK941

Quant Time: Dec 21 23:44:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 21:59:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-7.97
20) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.78
38) Acenaphthene-d10	14.604	164	443	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.451	188	1457530	20.000	ng/ul	0.10
79) Chrysene-d12	21.533	240	828	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	1478335	20.000	ng/ul	-0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	36940	0.000	ng/uL	0.00
4) Pyridine-d5	3.793	84	521144	0.000	ng/ul	0.00
7) Phenol-d5	7.128	99	599885	0.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	397658	0.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	453736	0.000	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	442166	0.000	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	215588	0.000	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	208862	0.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	364854	0.000	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	624743	0.000	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	1116977	28008.990	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1346590	28464.744	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	200033	26501.899	ng/ul	0.00
60) Fluorene-d10	15.598	176	966393	29305.382	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	112680	11.689	ng/ul	0.00
73) Anthracene-d10	17.451	188	1457530	17.831	ng/ul	0.00
81) Pyrene-d10	19.739	212	1515150	23178.034	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1413956	15.499	ng/ul	0.00
Target Compounds						
					Qvalue	
45) 2-Nitroaniline	13.710	65	110	10.132	ng/ul#	8
47) Dimethylphthalate	14.069	163	116	2.945	ng/ul#	77
48) 2,6-Dinitrotoluene	14.033	165	5245	688.850	ng/ul#	34
56) Dibenzofuran	15.010	168	128	2.768	ng/ul#	35
57) 2,4-Dinitrotoluene	15.022	165	203	18.871	ng/ul#	14
61) Fluorene	15.598	166	2197	55.615	ng/ul#	16
63) 4-Nitroaniline	15.722	138	826	103.241	ng/ul#	1
80) Fluoranthene	19.410	202	132	1.631	ng/ul#	68
82) Pyrene	19.768	202	430	5.167	ng/ul#	46
83) Butylbenzylphthalate	20.686	149	233	6.476	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.462	252	867	42.515	ng/ul#	71
85) Benzo(a)anthracene	21.521	228	275	3.972	ng/ul#	51
86) Bis(2-ethylhexyl)phtha...	21.451	149	260	5.076	ng/ul#	50
87) Chrysene	21.574	228	228	3.660	ng/ul#	49

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



#45

2-Nitroaniline

Concen: 10.132 ng/ul

RT: 13.710 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM043515.D

Acq: 21 Dec 2023 23:11

Instrument :

BNA_M

ClientSampleId :

SBLK941

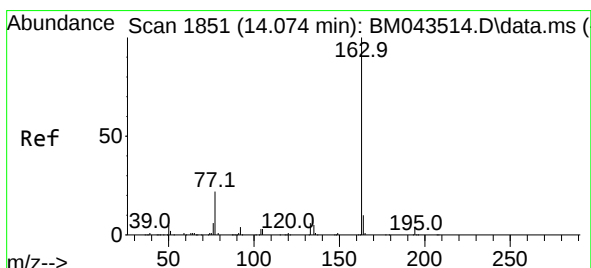
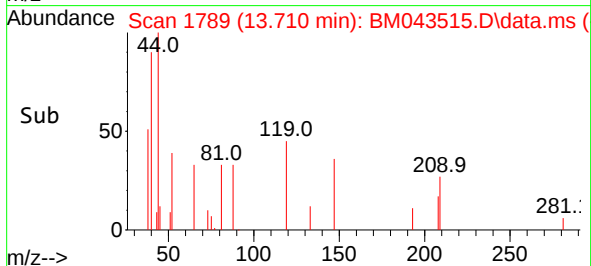
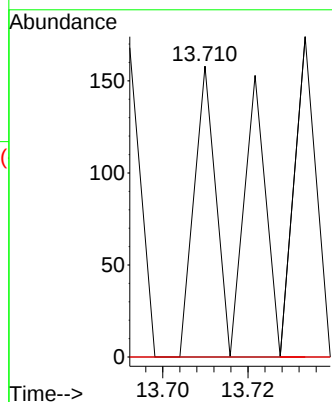
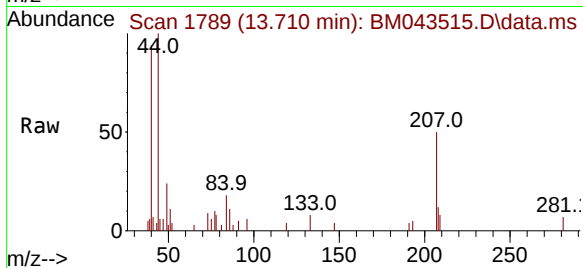
Tgt Ion: 65 Resp: 110

Ion Ratio Lower Upper

65 100

92 0.0 51.4 77.2#

138 0.0 78.4 117.6#



#47

Dimethylphthalate

Concen: 2.945 ng/ul

RT: 14.069 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BM043515.D

Acq: 21 Dec 2023 23:11

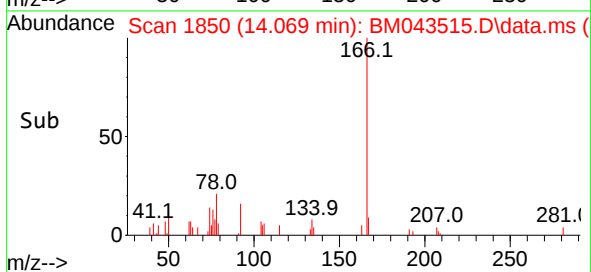
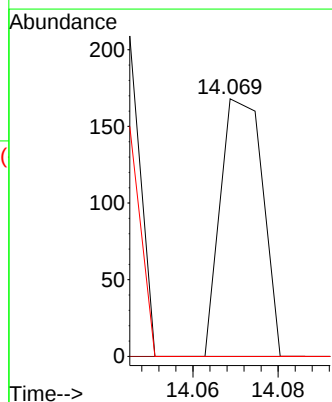
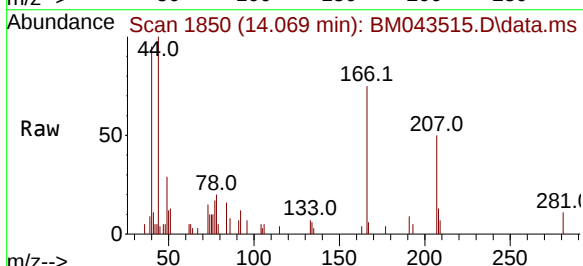
Tgt Ion:163 Resp: 116

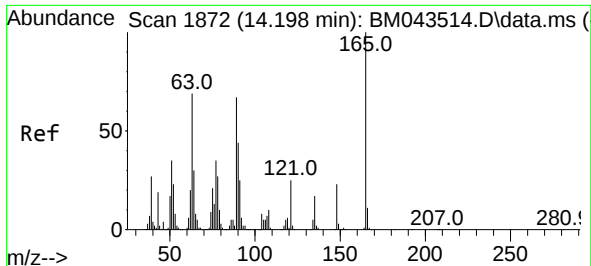
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 0.0 8.0 12.0#

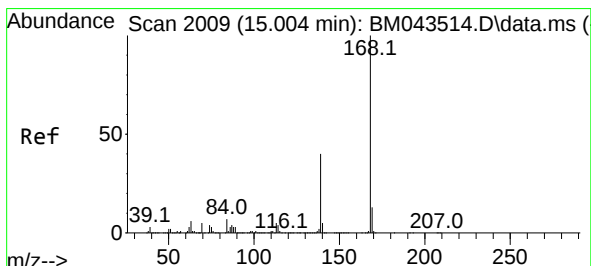
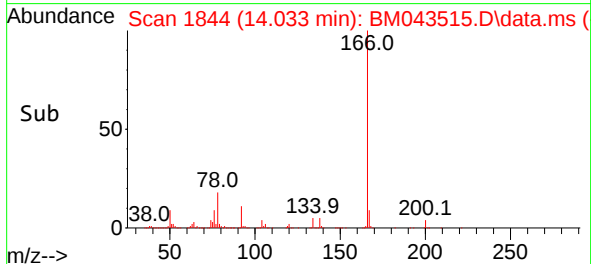
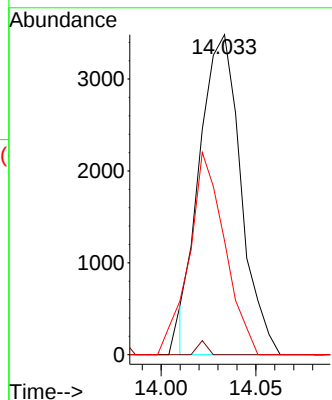
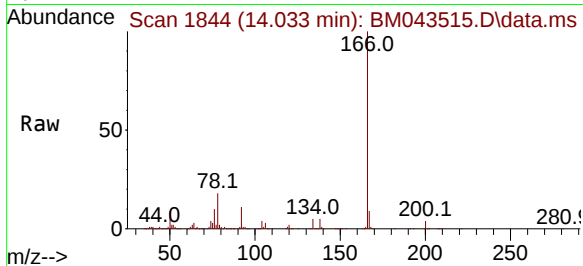




#48
2,6-Dinitrotoluene
Concen: 688.850 ng/ul
RT: 14.033 min Scan# 11
Delta R.T. -0.165 min
Lab File: BM043515.D
Acq: 21 Dec 2023 23:11

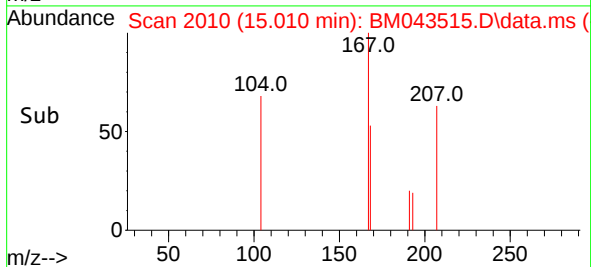
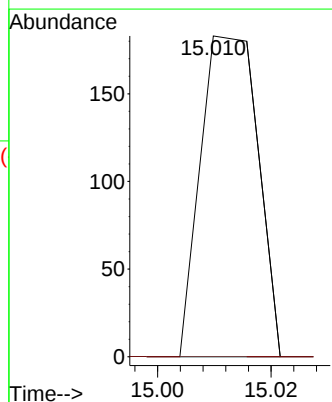
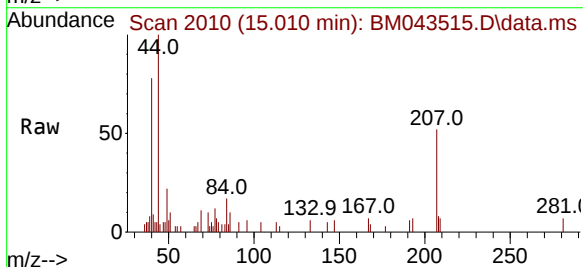
Instrument :
BNA_M
ClientSampleId :
SBLK941

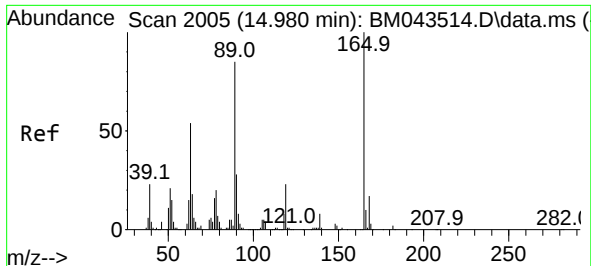
Tgt Ion:165 Resp: 5245
Ion Ratio Lower Upper
165 100
89 0.0 50.7 76.1#
121 35.7 18.6 27.8#



#56
Dibenzofuran
Concen: 2.768 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BM043515.D
Acq: 21 Dec 2023 23:11

Tgt Ion:168 Resp: 128
Ion Ratio Lower Upper
168 100
139 0.0 31.8 47.8#

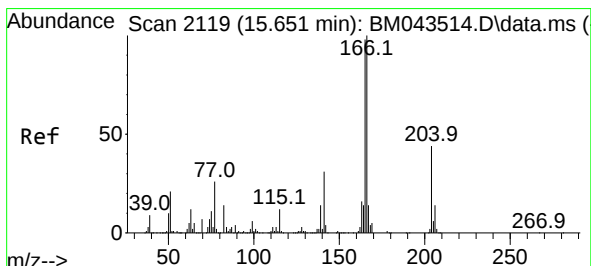
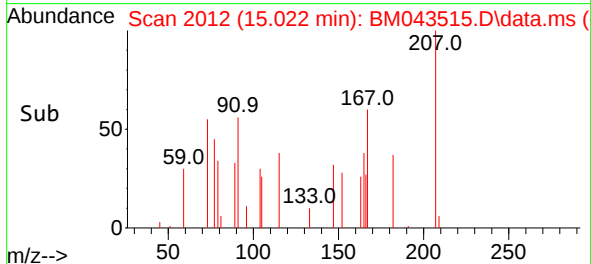
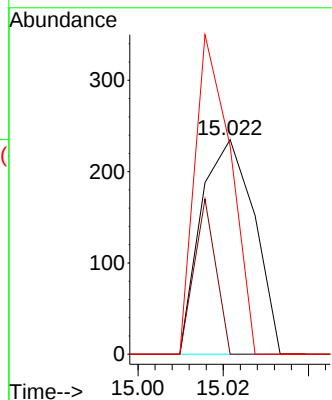
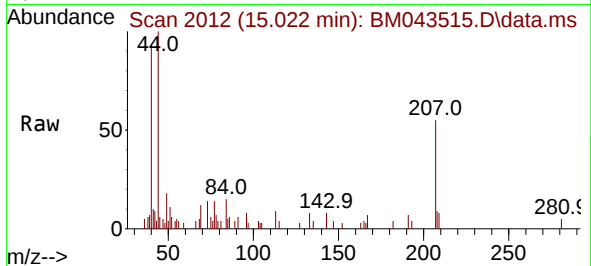




#57
2,4-Dinitrotoluene
Concen: 18.871 ng/ul
RT: 15.022 min Scan# 20
Delta R.T. 0.041 min
Lab File: BM043515.D
Acq: 21 Dec 2023 23:11

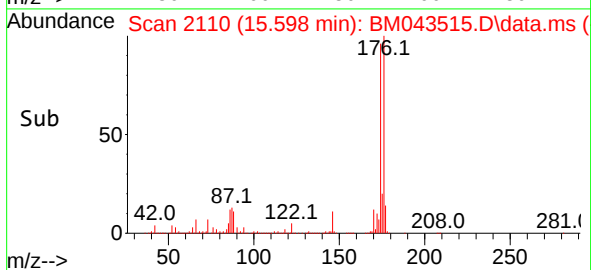
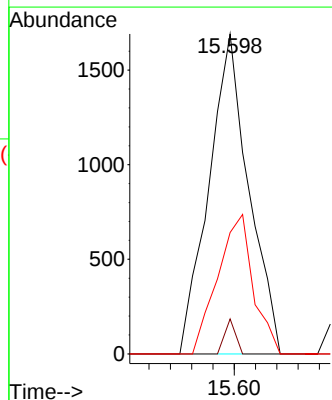
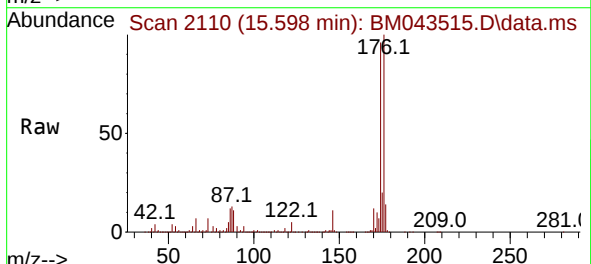
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BNA_M
ClientSampleId :
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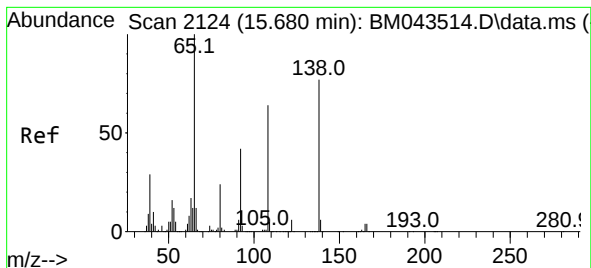
Tgt Ion:165 Resp: 203
Ion Ratio Lower Upper
165 100
63 0.0 43.2 64.8#
182 97.0 2.3 3.5#



#61
Fluorene
Concen: 55.615 ng/ul
RT: 15.598 min Scan# 2110
Delta R.T. -0.053 min
Lab File: BM043515.D
Acq: 21 Dec 2023 23:11

Tgt Ion:166 Resp: 2197
Ion Ratio Lower Upper
166 100
165 10.9 76.9 115.3#
167 38.0 10.9 16.3#

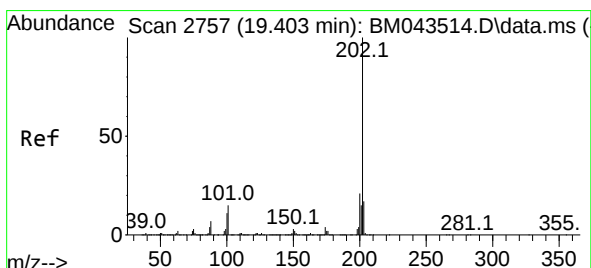
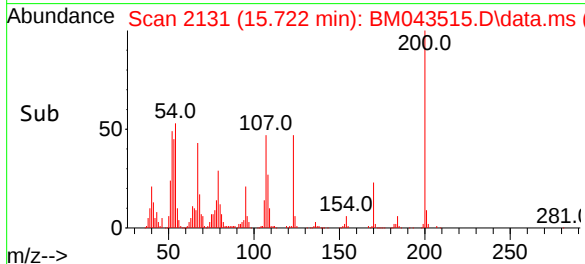
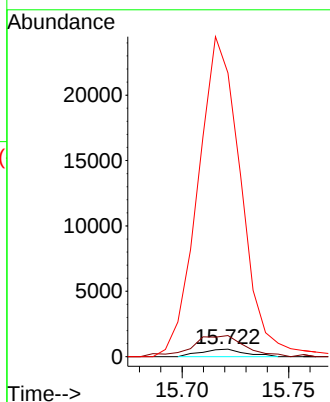
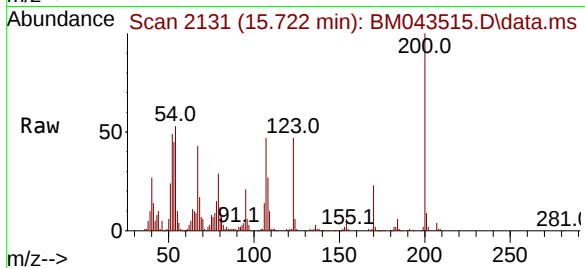




#63
4-Nitroaniline
Concen: 103.241 ng/ul
RT: 15.722 min Scan# 2124
Delta R.T. 0.041 min
Lab File: BM043515.D
Acq: 21 Dec 2023 23:11

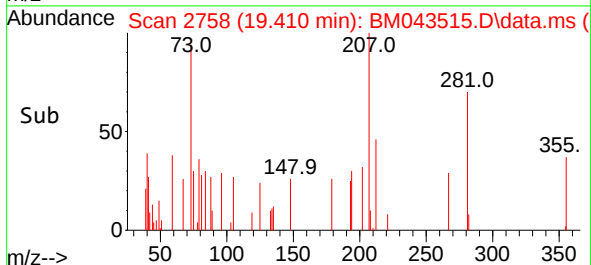
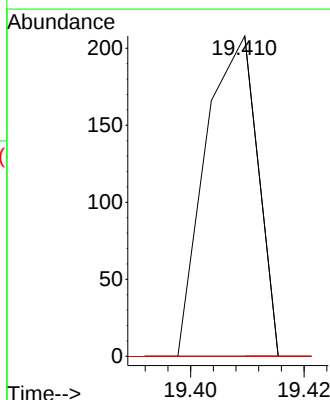
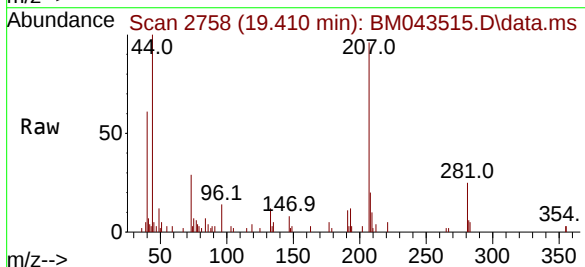
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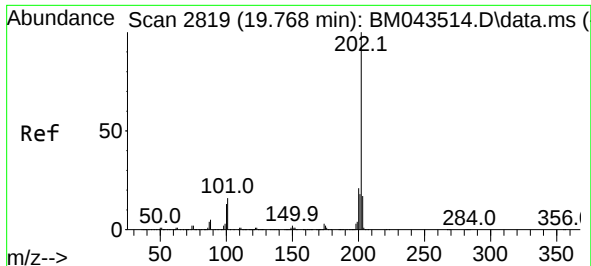
Tgt Ion:138 Resp: 826
Ion Ratio Lower Upper
138 100
92 282.5 43.9 65.9#
108 3806.3 67.0 100.6#



#80
Fluoranthene
Concen: 1.631 ng/ul
RT: 19.410 min Scan# 2758
Delta R.T. 0.006 min
Lab File: BM043515.D
Acq: 21 Dec 2023 23:11

Tgt Ion:202 Resp: 132
Ion Ratio Lower Upper
202 100
101 0.0 11.4 17.0#
100 0.0 8.2 12.4#

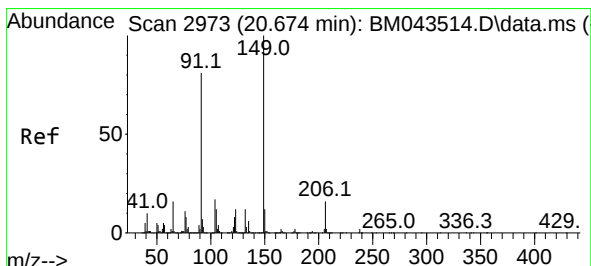
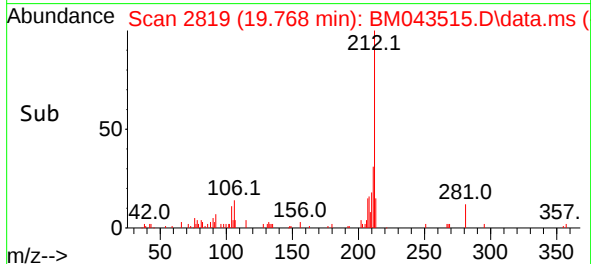
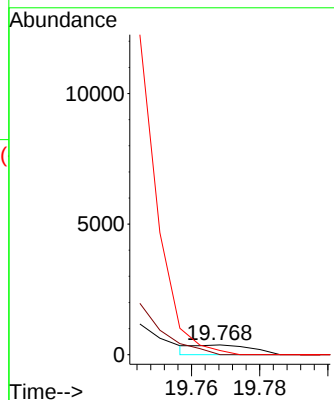
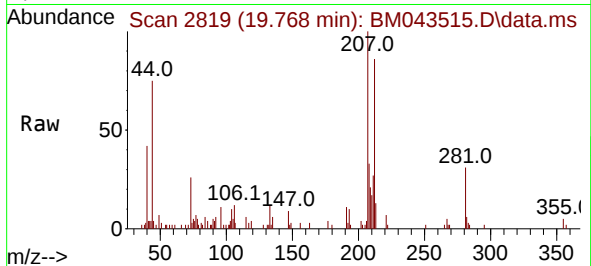




#82
 Pyrene
 Concen: 5.167 ng/ul
 RT: 19.768 min Scan# 2819
 Delta R.T. -0.000 min
 Lab File: BM043515.D
 Acq: 21 Dec 2023 23:11

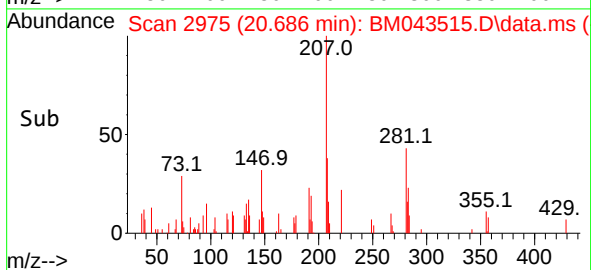
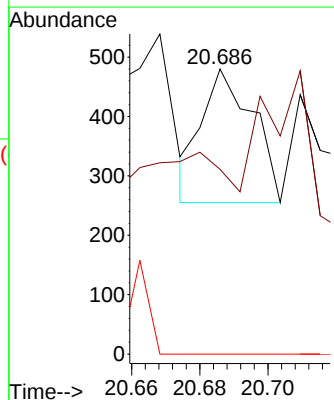
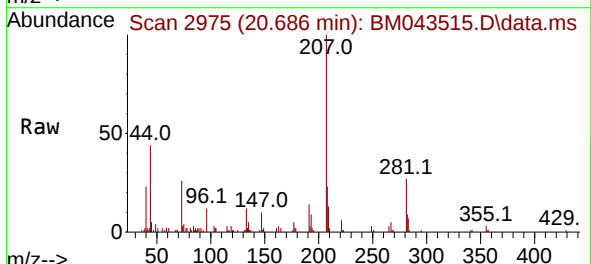
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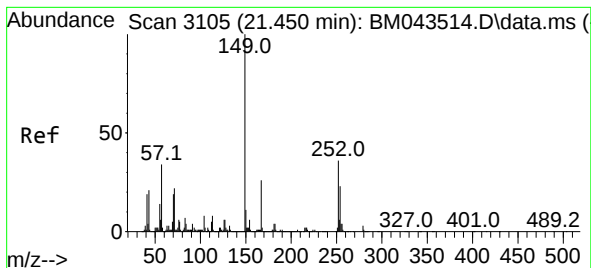
Tgt Ion:202 Resp: 430
 Ion Ratio Lower Upper
 202 100
 101 0.0 12.7 19.1#
 100 42.1 10.1 15.1#



#83
 Butylbenzylphthalate
 Concen: 6.476 ng/ul
 RT: 20.686 min Scan# 2975
 Delta R.T. 0.012 min
 Lab File: BM043515.D
 Acq: 21 Dec 2023 23:11

Tgt Ion:149 Resp: 233
 Ion Ratio Lower Upper
 149 100
 91 64.8 60.5 90.7
 206 0.0 13.9 20.9#





#84

3,3'-Dichlorobenzidine

Concen: 42.515 ng/ul

RT: 21.462 min Scan# 3107

Delta R.T. 0.012 min

Lab File: BM043515.D

Acq: 21 Dec 2023 23:11

Instrument :

BNA_M

ClientSampleId :

SBLK941

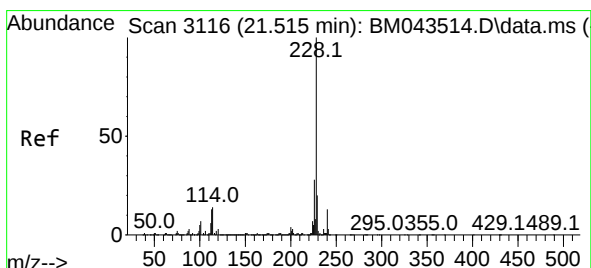
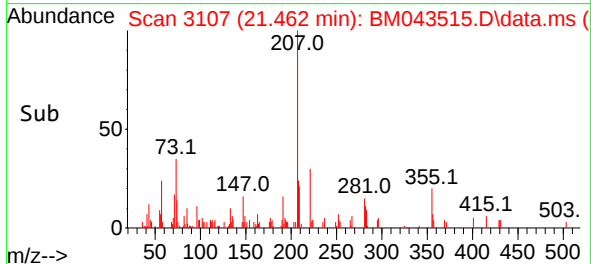
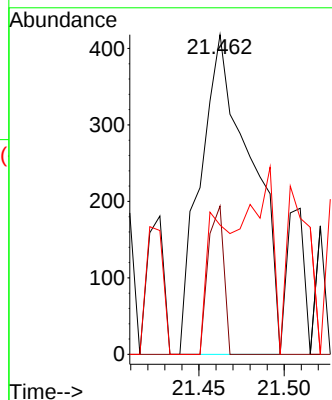
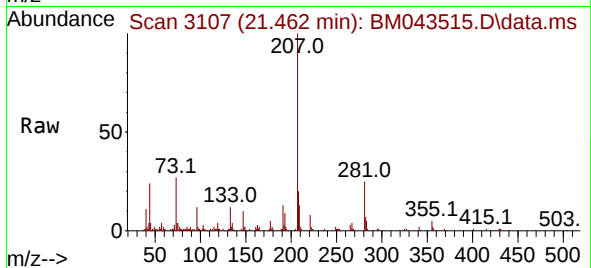
Tgt Ion:252 Resp: 867

Ion Ratio Lower Upper

252 100

254 46.4 50.7 76.1#

126 40.4 12.3 18.5#



#85

Benzo(a)anthracene

Concen: 3.972 ng/ul

RT: 21.521 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BM043515.D

Acq: 21 Dec 2023 23:11

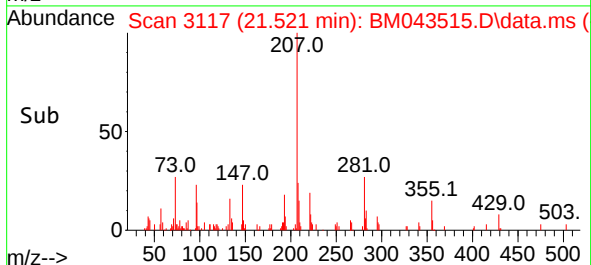
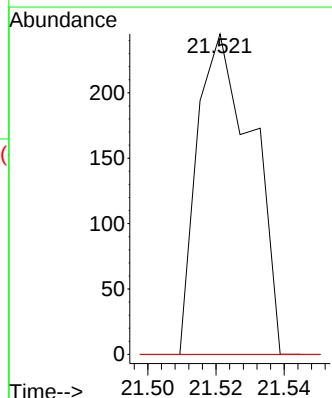
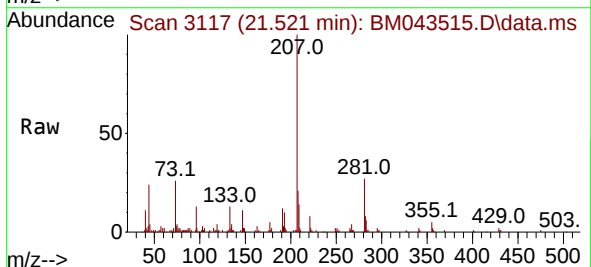
Tgt Ion:228 Resp: 275

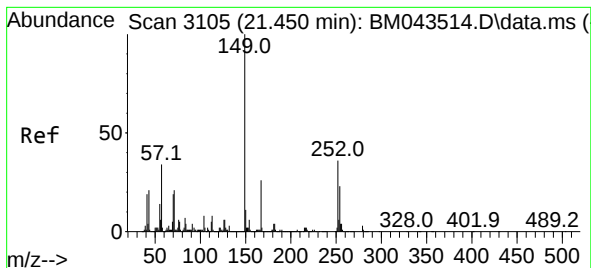
Ion Ratio Lower Upper

228 100

229 0.0 15.6 23.4#

226 0.0 22.2 33.2#

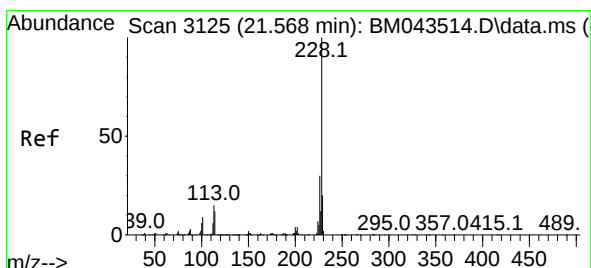
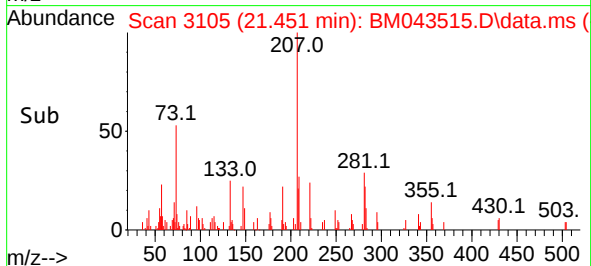
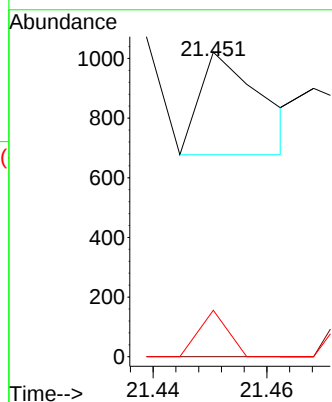
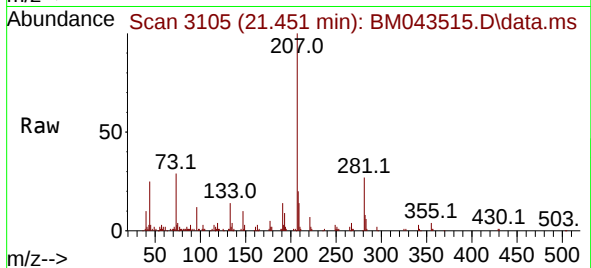




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.076 ng/ul
 RT: 21.451 min Scan# 3105
 Delta R.T. -0.000 min
 Lab File: BM043515.D
 Acq: 21 Dec 2023 23:11

Instrument :
 BNA_M
 ClientSampleId :
 SBLK941

Tgt Ion:149 Resp: 260
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.6 32.4#
 279 15.3 2.8 4.2#



#87
 Chrysene
 Concen: 3.660 ng/ul
 RT: 21.574 min Scan# 3126
 Delta R.T. 0.006 min
 Lab File: BM043515.D
 Acq: 21 Dec 2023 23:11

Tgt Ion:228 Resp: 228
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.2 36.2#
 229 0.0 15.9 23.9#

