

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042464.D
 Acq On : 26 Oct 2023 22:15
 Operator : MA/JU
 Sample : 05010-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11985

Quant Time: Oct 27 00:47:28 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)

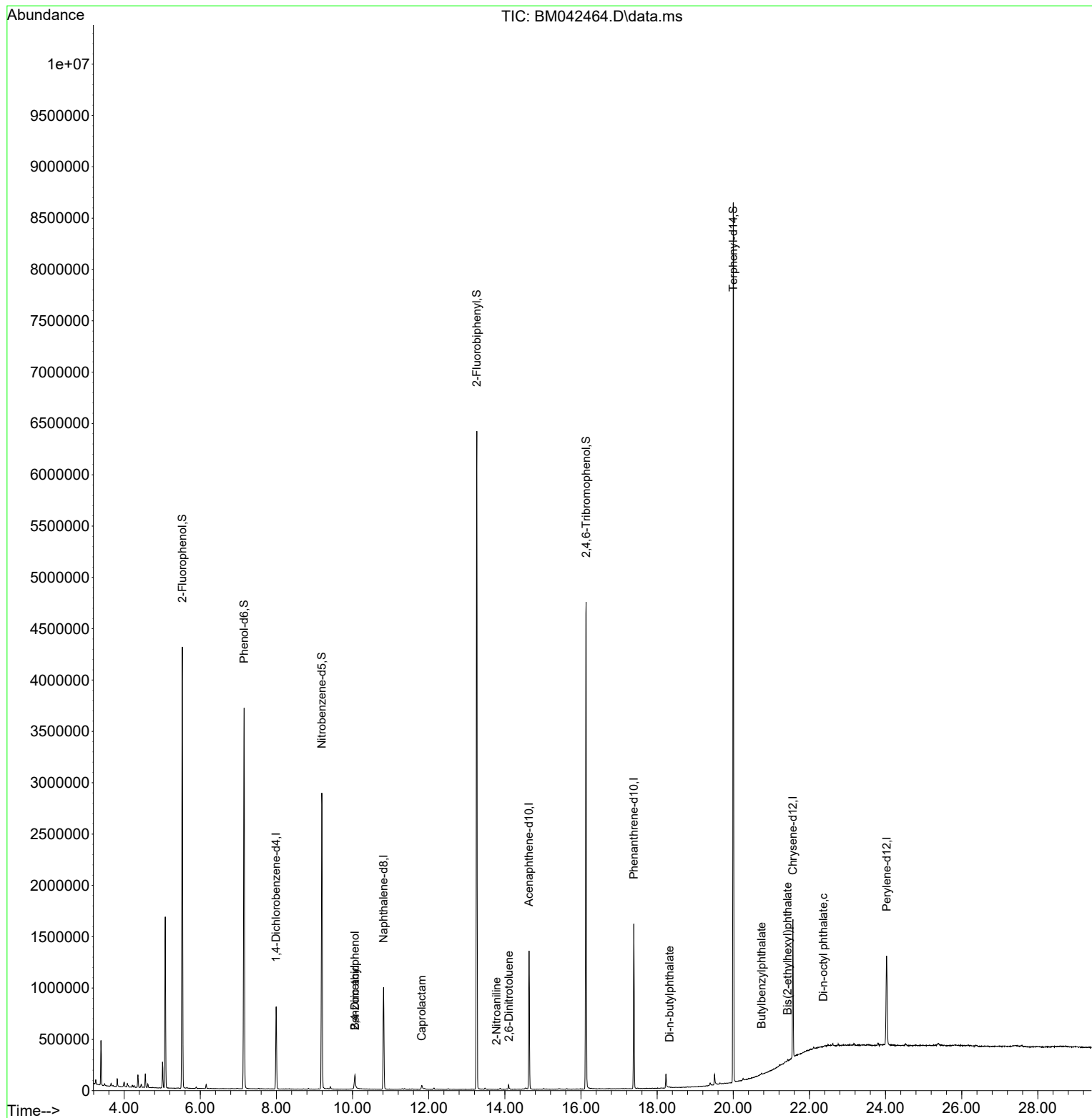
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	198360	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	788759	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	455382	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	906396	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	630953	20.000	ng	#-0.01
86) Perylene-d12	24.027	264	661294	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1688126	120.279	ng	0.00
7) Phenol-d6	7.151	99	2002915	106.489	ng	0.00
23) Nitrobenzene-d5	9.192	82	1644154	92.175	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	873343	170.554	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	3219333	95.199	ng	0.00
79) Terphenyl-d14	19.998	244	4142414	116.436	ng	-0.01
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	10.063	122	61115	4.970	ng	# 3
32) Benzoic acid	10.063	122	61115	11.365	ng	99
35) Caprolactam	11.816	113	7801	7.540	ng	# 88
48) 2-Nitroaniline	13.780	65	59	3.645	ng	# 13
51) 2,6-Dinitrotoluene	14.104	165	322	2.927	ng	# 8
74) Di-n-butylphthalate	18.327	149	4158	2.885	ng	# 96
80) Butylbenzylphthalate	20.745	149	174	3.267	ng	89
84) Bis(2-ethylhexyl)phtha...	21.427	149	3747	3.491	ng	# 92
85) Di-n-octyl phthalate	22.362	149	1303	4.243	ng	# 16

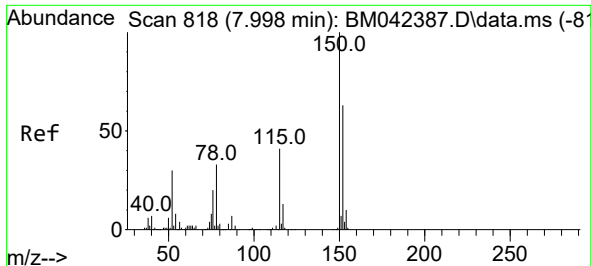
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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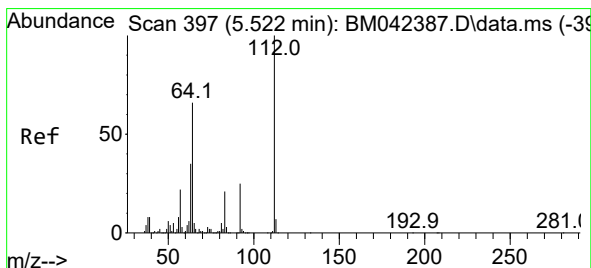
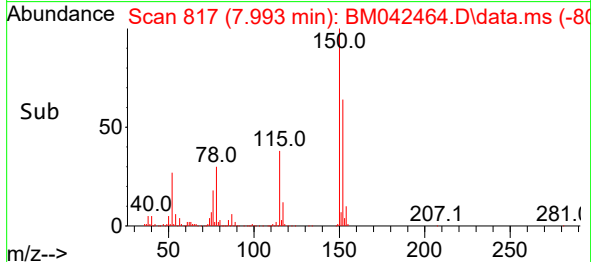
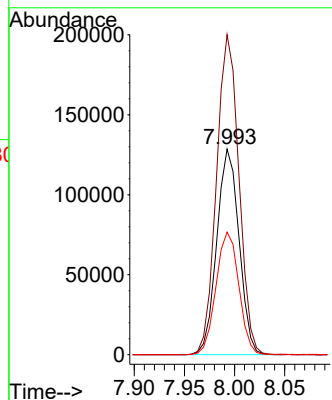
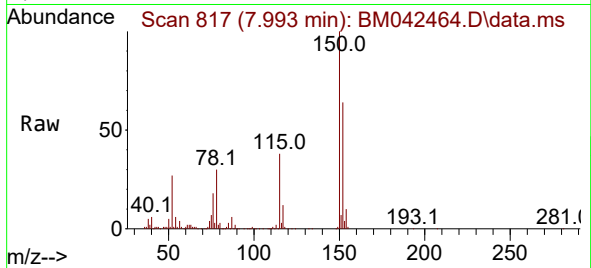




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 818
Delta R.T. -0.005 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

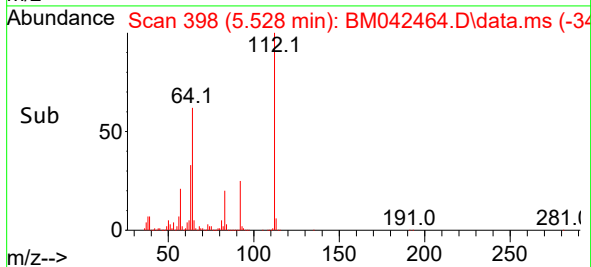
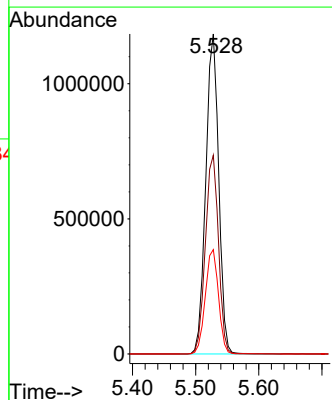
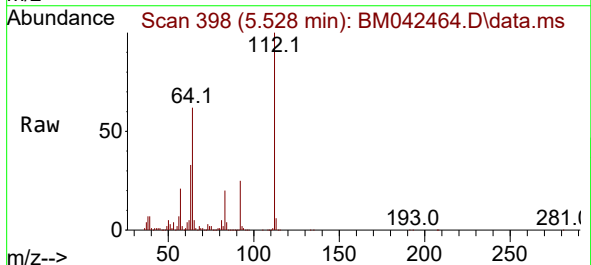
Instrument :
BNA_M
ClientSampleId :
72-11985

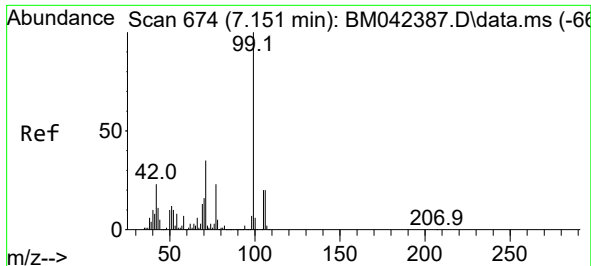
Tgt Ion:152 Resp: 198360
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.4
115 59.7 51.9 77.9



#5
2-Fluorophenol
Concen: 120.279 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

Tgt Ion:112 Resp: 1688126
Ion Ratio Lower Upper
112 100
64 62.1 52.7 79.1
63 32.6 28.3 42.5

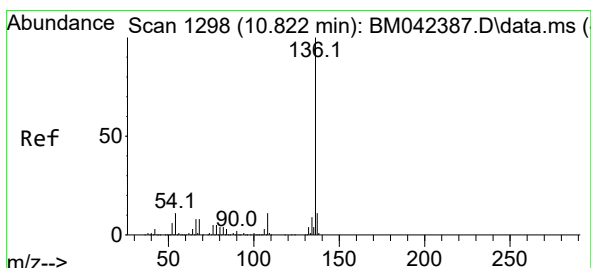
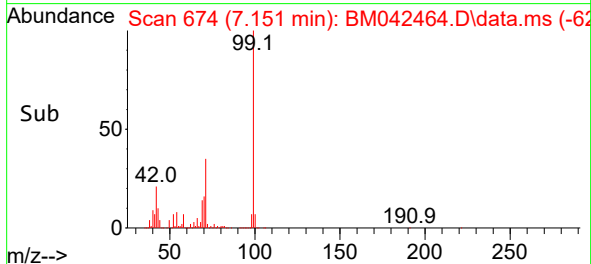
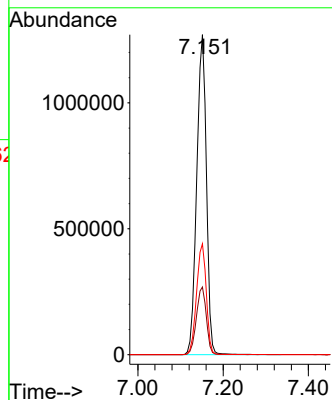
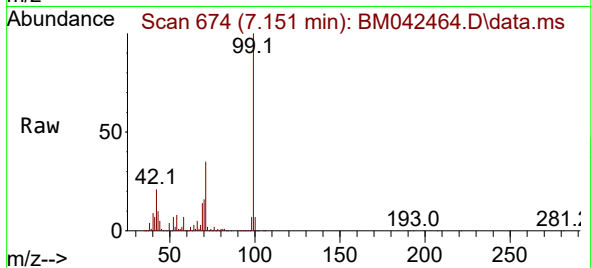




#7
Phenol-d6
Concen: 106.489 ng
RT: 7.151 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

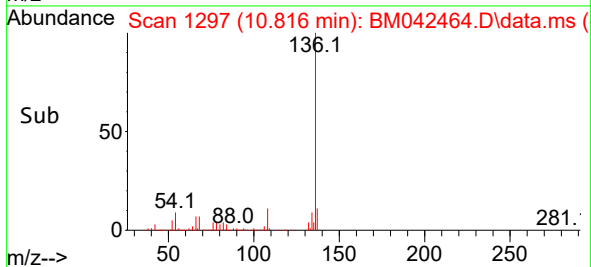
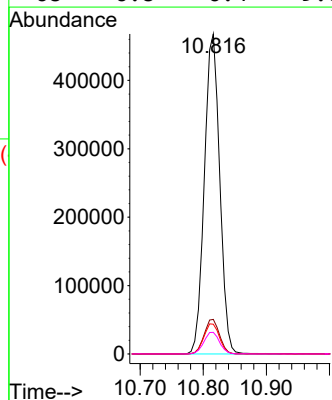
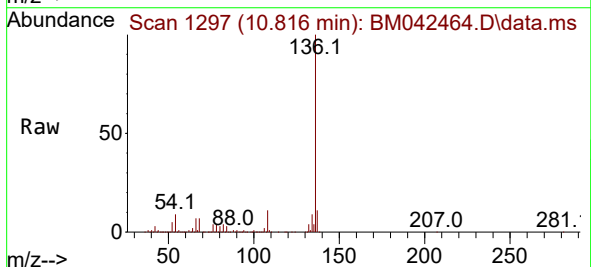
Instrument :
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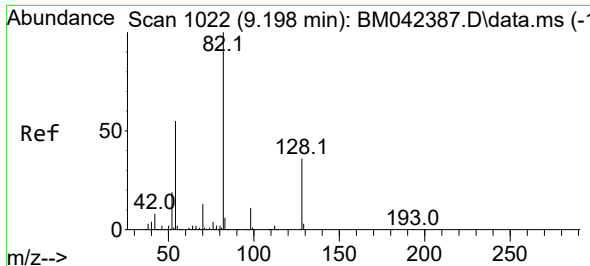
Tgt Ion: 99 Resp: 2002915
Ion Ratio Lower Upper
99 100
42 21.2 18.5 27.7
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

Tgt Ion:136 Resp: 788759
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.3 8.6 12.8
68 6.8 6.4 9.6





#23

Nitrobenzene-d5

Concen: 92.175 ng

RT: 9.192 min Scan# 110

Delta R.T. -0.006 min

Lab File: BM042464.D

Acq: 26 Oct 2023 22:15

Instrument :

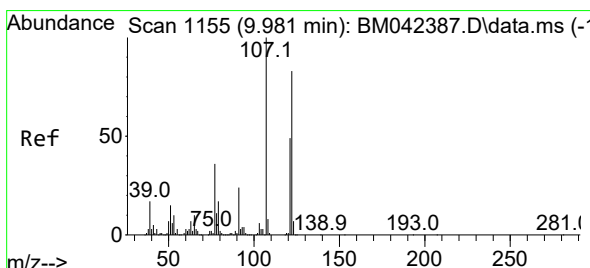
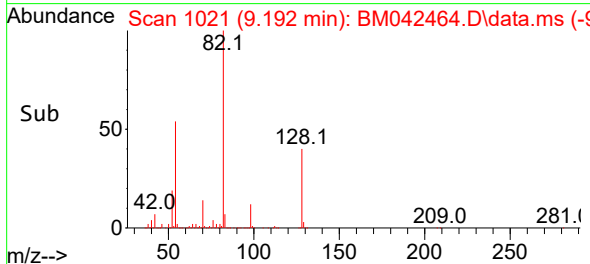
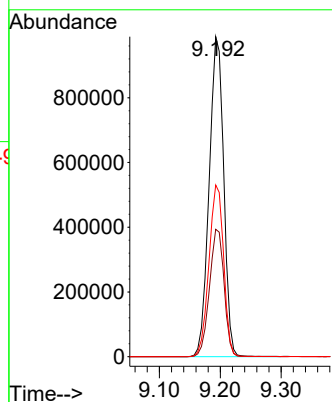
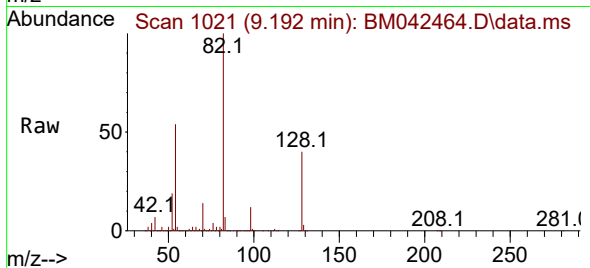
BNA_M

ClientSampleId :

72-11985

Tgt Ion: 82 Resp: 1644154

Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.0	43.6
54	53.7	43.7	65.5



#27

2,4-Dimethylphenol

Concen: 4.970 ng

RT: 10.063 min Scan# 1169

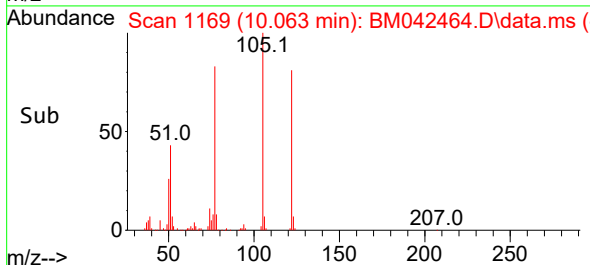
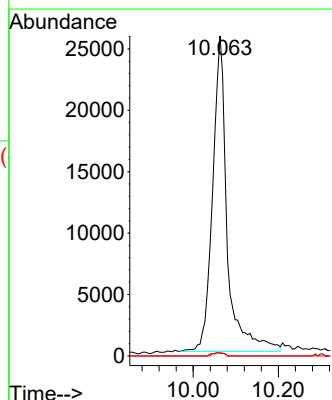
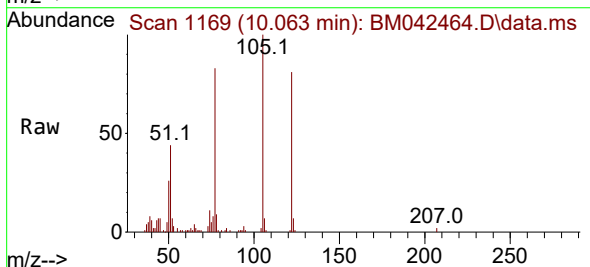
Delta R.T. 0.082 min

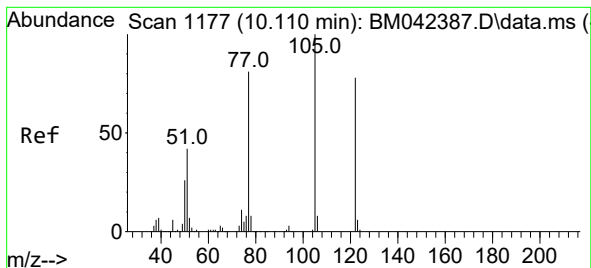
Lab File: BM042464.D

Acq: 26 Oct 2023 22:15

Tgt Ion: 122 Resp: 61115

Ion	Ratio	Lower	Upper
122	100		
107	1.0	96.3	144.5#
121	0.9	47.0	70.6#





#32

Benzoic acid

Concen: 11.365 ng

RT: 10.063 min Scan# 1177

Delta R.T. -0.047 min

Lab File: BM042464.D

Acq: 26 Oct 2023 22:15

Instrument :

BNA_M

ClientSampleId :

72-11985

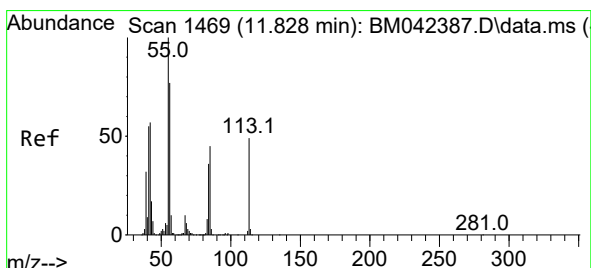
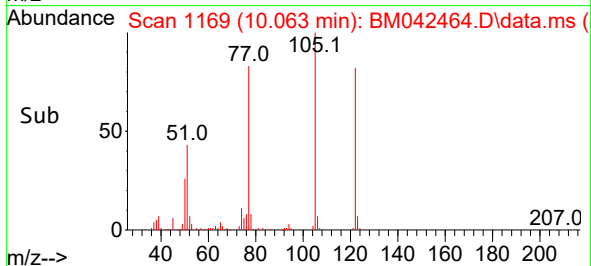
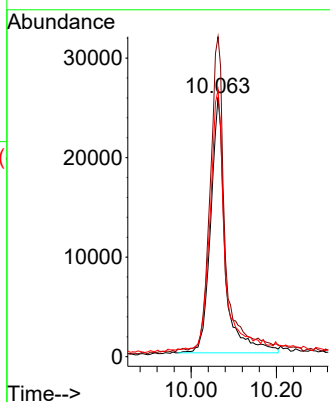
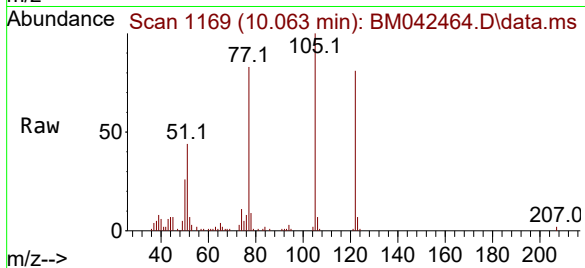
Tgt Ion:122 Resp: 61115

Ion Ratio Lower Upper

122 100

105 123.4 104.9 144.9

77 103.0 83.4 123.4



#35

Caprolactam

Concen: 7.540 ng

RT: 11.816 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BM042464.D

Acq: 26 Oct 2023 22:15

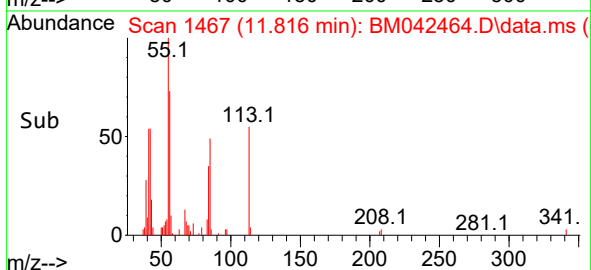
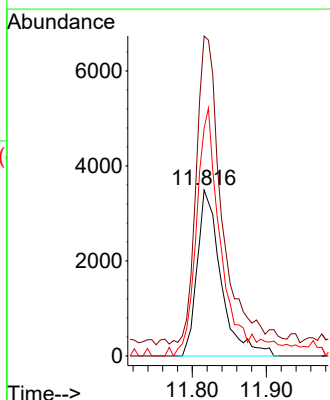
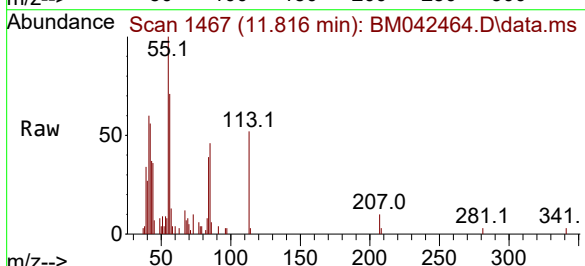
Tgt Ion:113 Resp: 7801

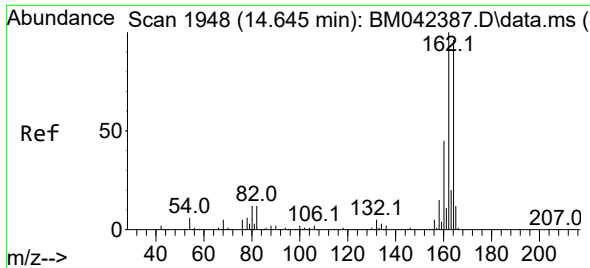
Ion Ratio Lower Upper

113 100

55 192.8 185.6 225.6

56 137.1 137.8 177.8#

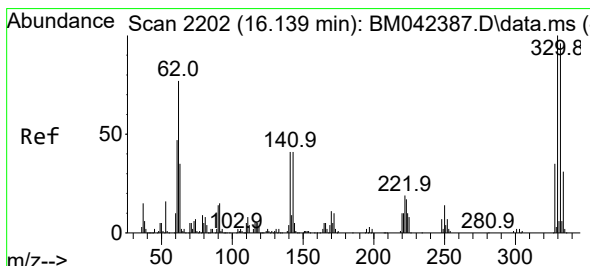
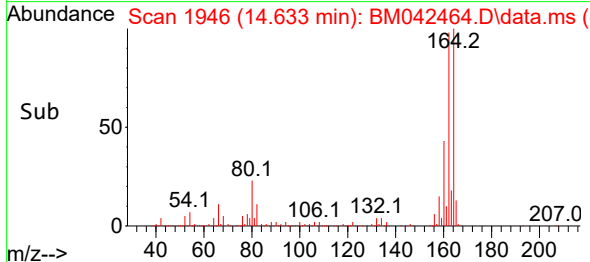
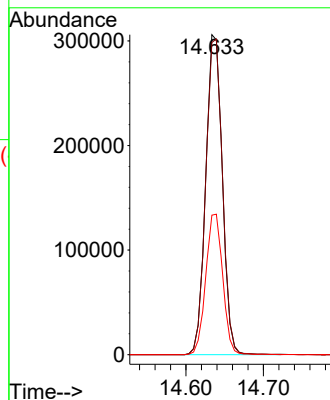
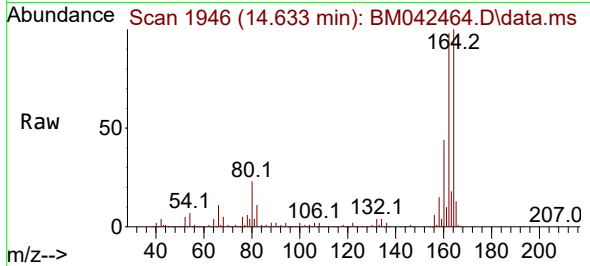




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

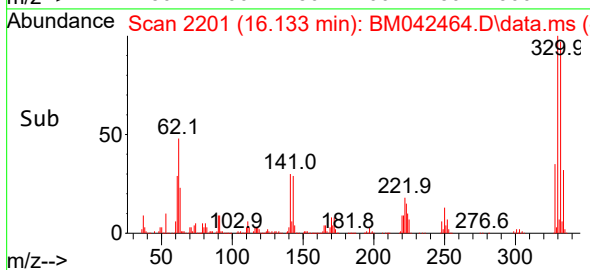
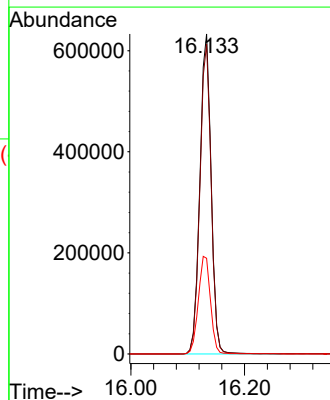
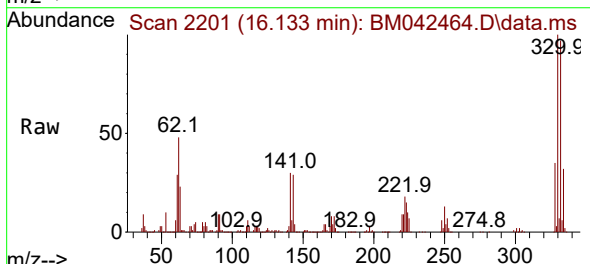
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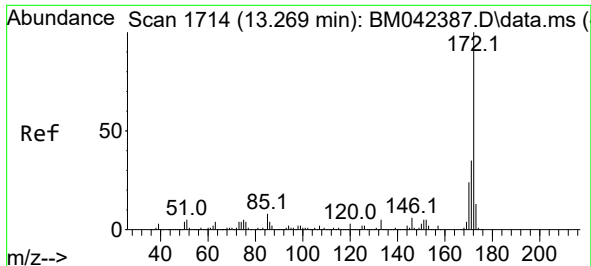
Tgt Ion:164 Resp: 455382
Ion Ratio Lower Upper
164 100
162 97.5 83.0 124.4
160 43.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 170.554 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

Tgt Ion:330 Resp: 873343
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 32.9 38.0 57.0#

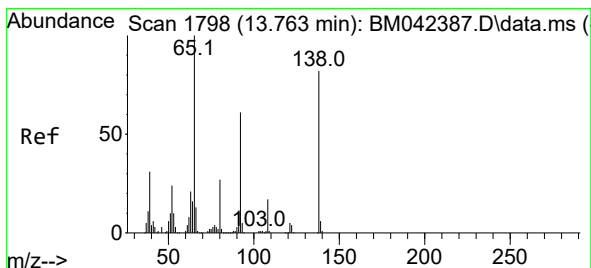
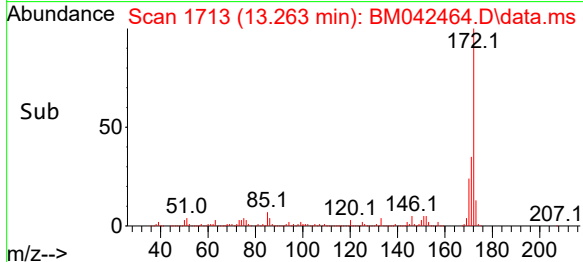
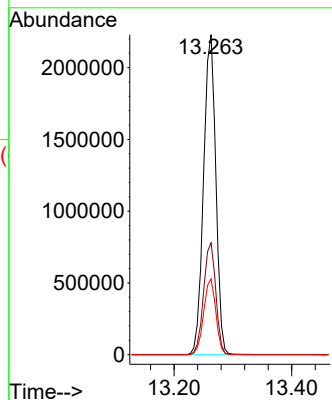
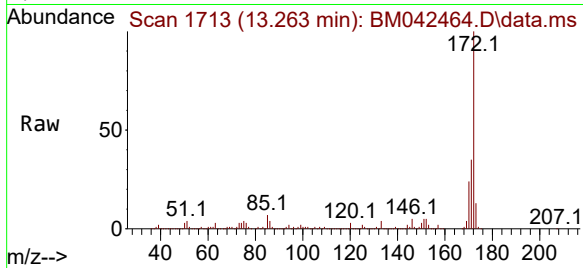




#45
2-Fluorobiphenyl
Concen: 95.199 ng
RT: 13.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

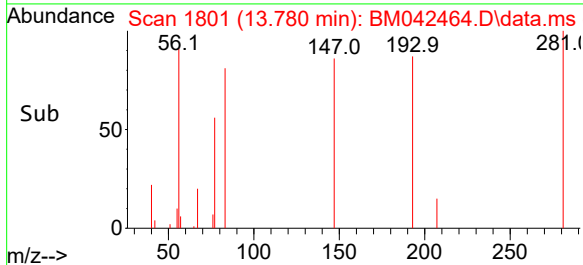
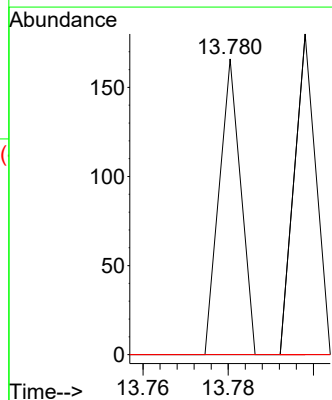
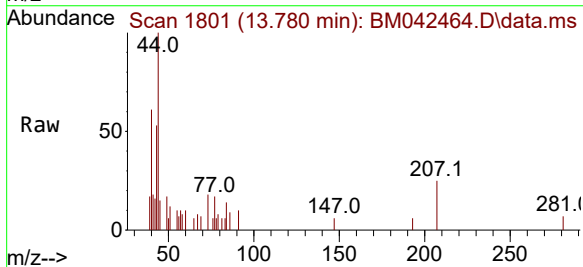
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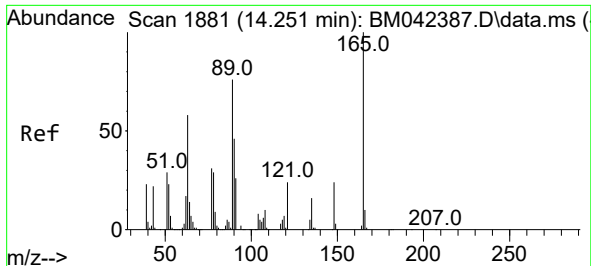
Tgt Ion:172 Resp: 3219333
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 18.9 28.3



#48
2-Nitroaniline
Concen: 3.645 ng
RT: 13.780 min Scan# 1801
Delta R.T. 0.017 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

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: 2.927 ng

RT: 14.104 min Scan# 1881

Delta R.T. -0.147 min

Lab File: BM042464.D

Acq: 26 Oct 2023 22:15

Instrument :

BNA_M

ClientSampleId :

72-11985

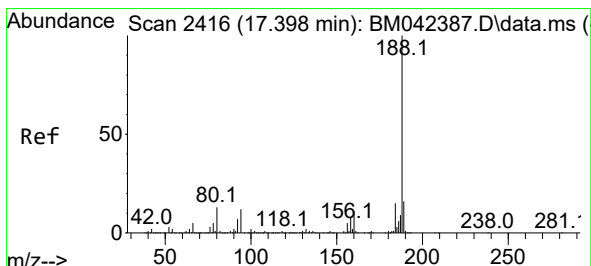
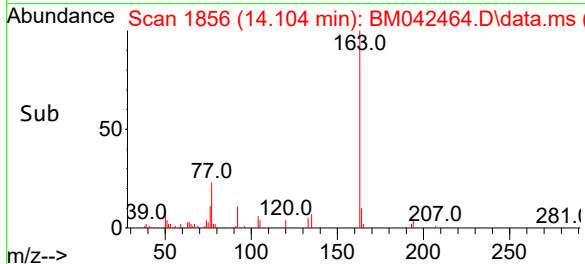
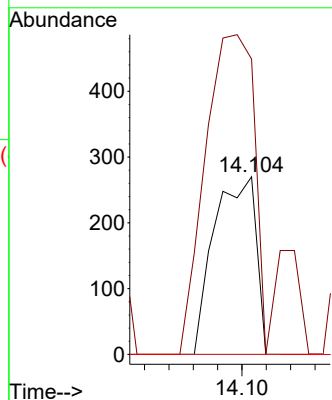
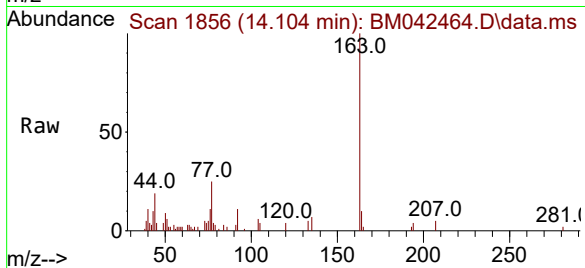
Tgt Ion:165 Resp: 322

Ion Ratio Lower Upper

165 100

63 166.3 65.3 97.9#

89 0.0 60.6 91.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BM042464.D

Acq: 26 Oct 2023 22:15

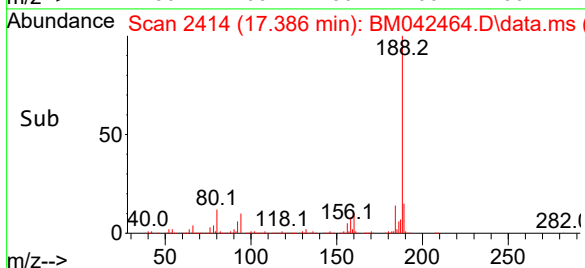
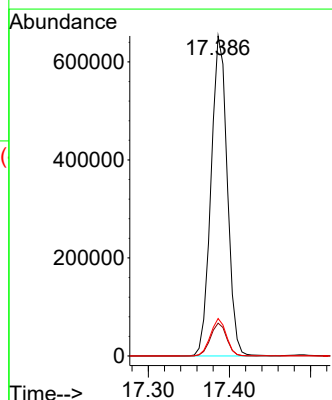
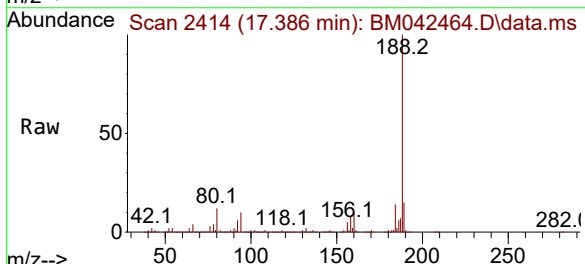
Tgt Ion:188 Resp: 906396

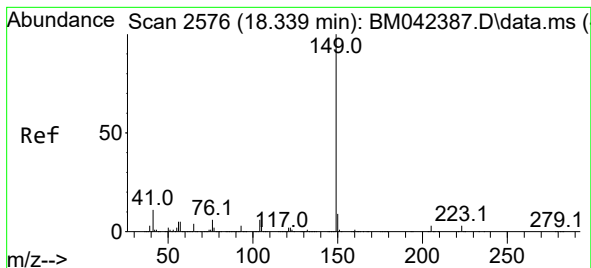
Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.7 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.885 ng

RT: 18.327 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042464.D

Acq: 26 Oct 2023 22:15

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BNA_M

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72-11985

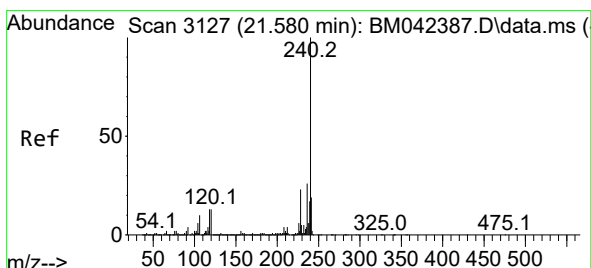
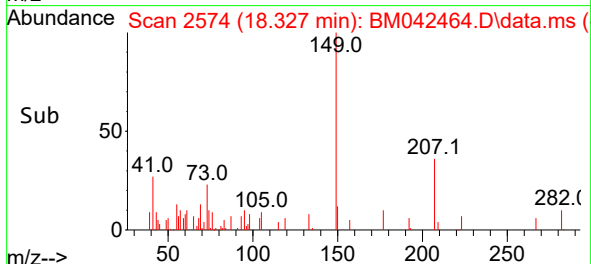
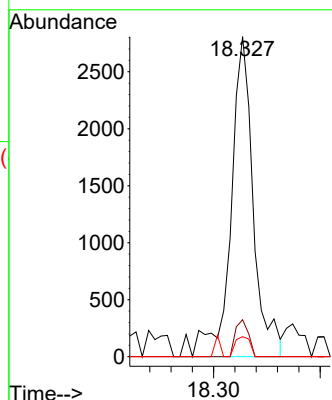
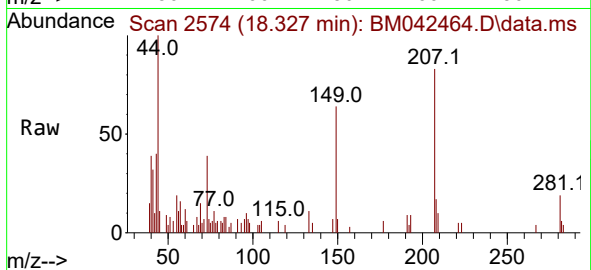
Tgt Ion:149 Resp: 4158

Ion Ratio Lower Upper

149 100

150 11.5 7.4 11.0#

104 6.3 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM042464.D

Acq: 26 Oct 2023 22:15

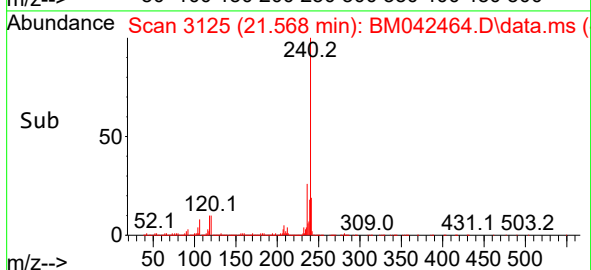
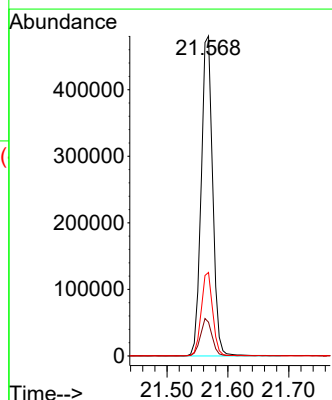
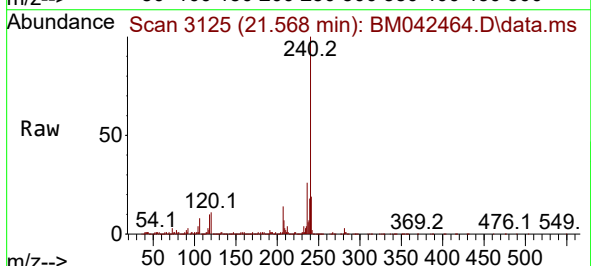
Tgt Ion:240 Resp: 630953

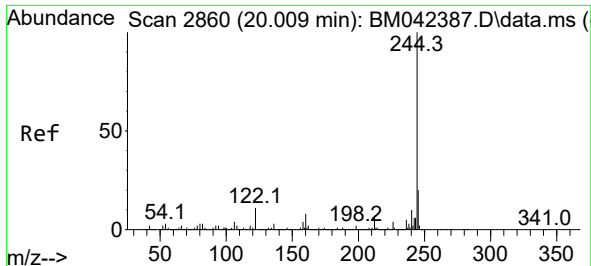
Ion Ratio Lower Upper

240 100

120 10.5 10.7 16.1#

236 26.1 20.7 31.1

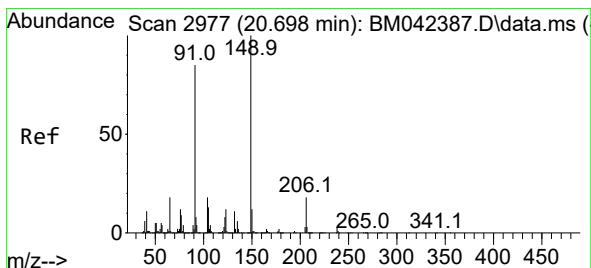
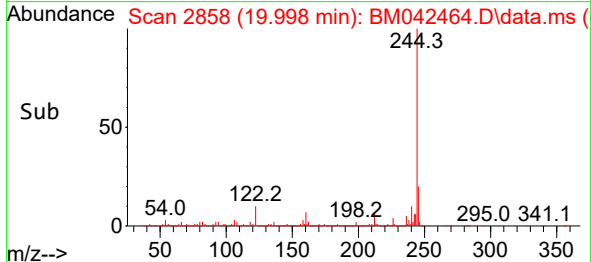
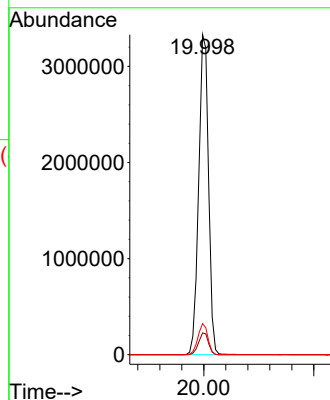
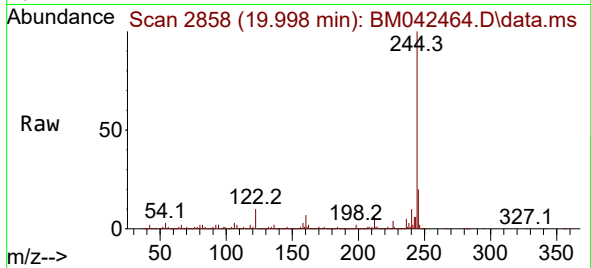




#79
 Terphenyl-d14
 Concen: 116.436 ng
 RT: 19.998 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM042464.D
 Acq: 26 Oct 2023 22:15

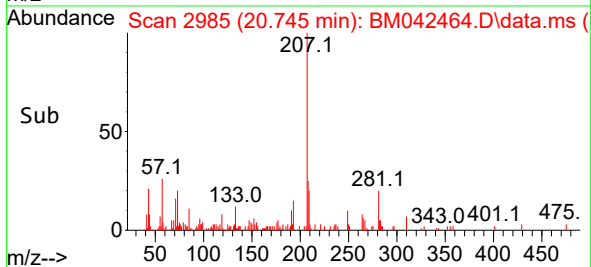
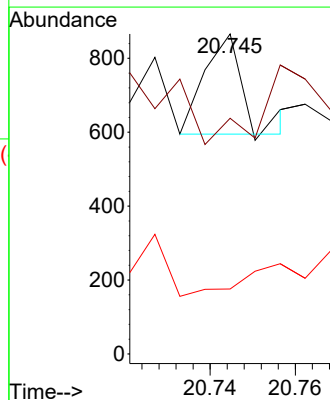
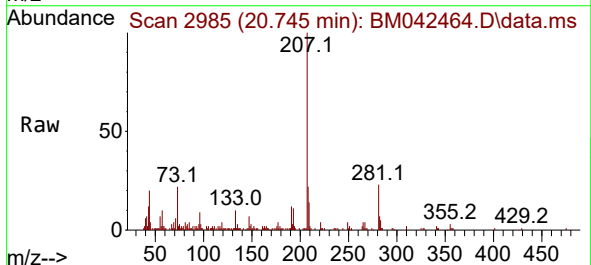
Instrument :
 BNA_M
 ClientSampleId :
 72-11985

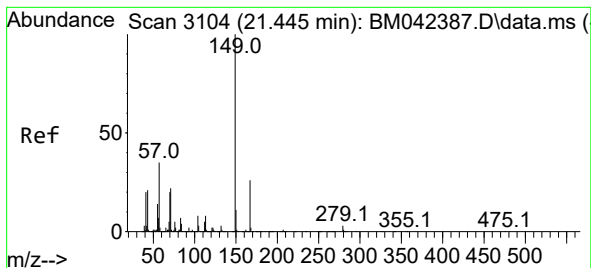
Tgt Ion:244 Resp: 4142414
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.267 ng
 RT: 20.745 min Scan# 2985
 Delta R.T. 0.047 min
 Lab File: BM042464.D
 Acq: 26 Oct 2023 22:15

Tgt Ion:149 Resp: 174
 Ion Ratio Lower Upper
 149 100
 91 73.7 68.3 102.5
 206 20.3 14.6 22.0

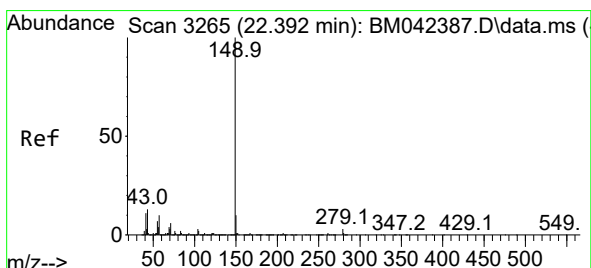
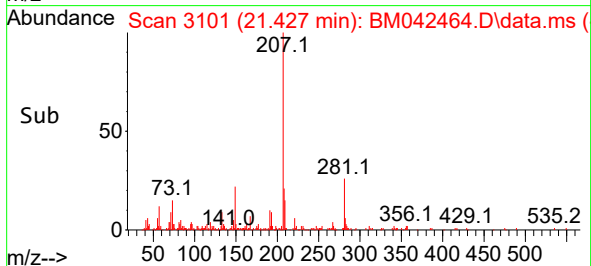
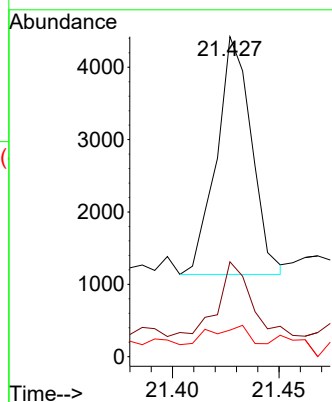
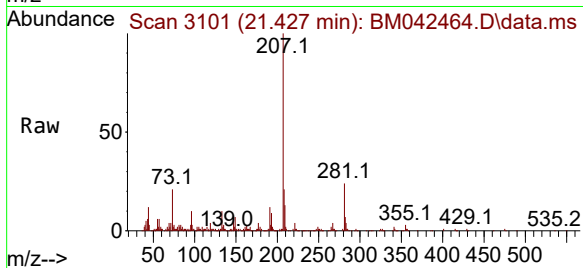




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.491 ng
RT: 21.427 min Scan# 3104
Delta R.T. -0.018 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

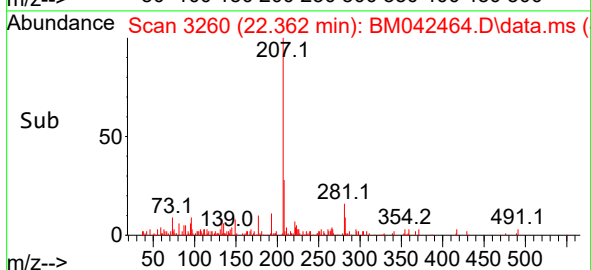
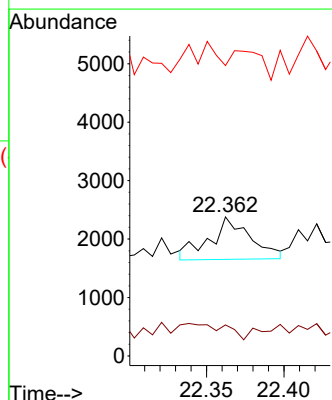
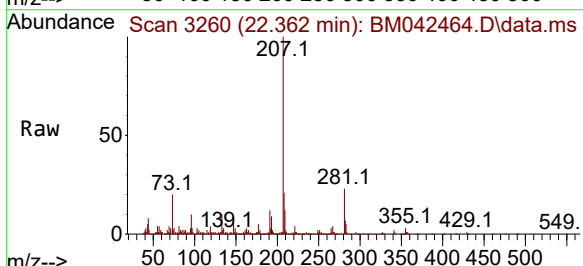
Instrument :
BNA_M
ClientSampleId :
72-11985

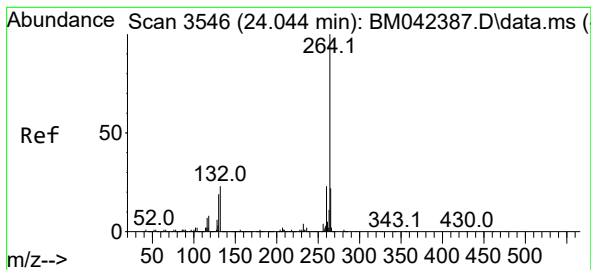
Tgt Ion:149 Resp: 3747
Ion Ratio Lower Upper
149 100
167 29.6 20.9 31.3
279 8.3 2.7 4.1#



#85
Di-n-octyl phthalate
Concen: 4.243 ng
RT: 22.362 min Scan# 3260
Delta R.T. -0.030 min
Lab File: BM042464.D
Acq: 26 Oct 2023 22:15

Tgt Ion:149 Resp: 1303
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 51.4 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042464.D

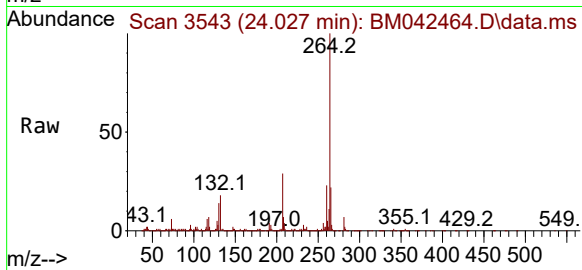
Acq: 26 Oct 2023 22:15

Instrument :

BNA_M

ClientSampleId :

72-11985



Tgt Ion:264 Resp: 661294

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.9 17.8 26.8

