

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042465.D
 Acq On : 26 Oct 2023 22:52
 Operator : MA/JU
 Sample : 04895-01RX
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A-1RX

Quant Time: Oct 27 00:47:42 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)

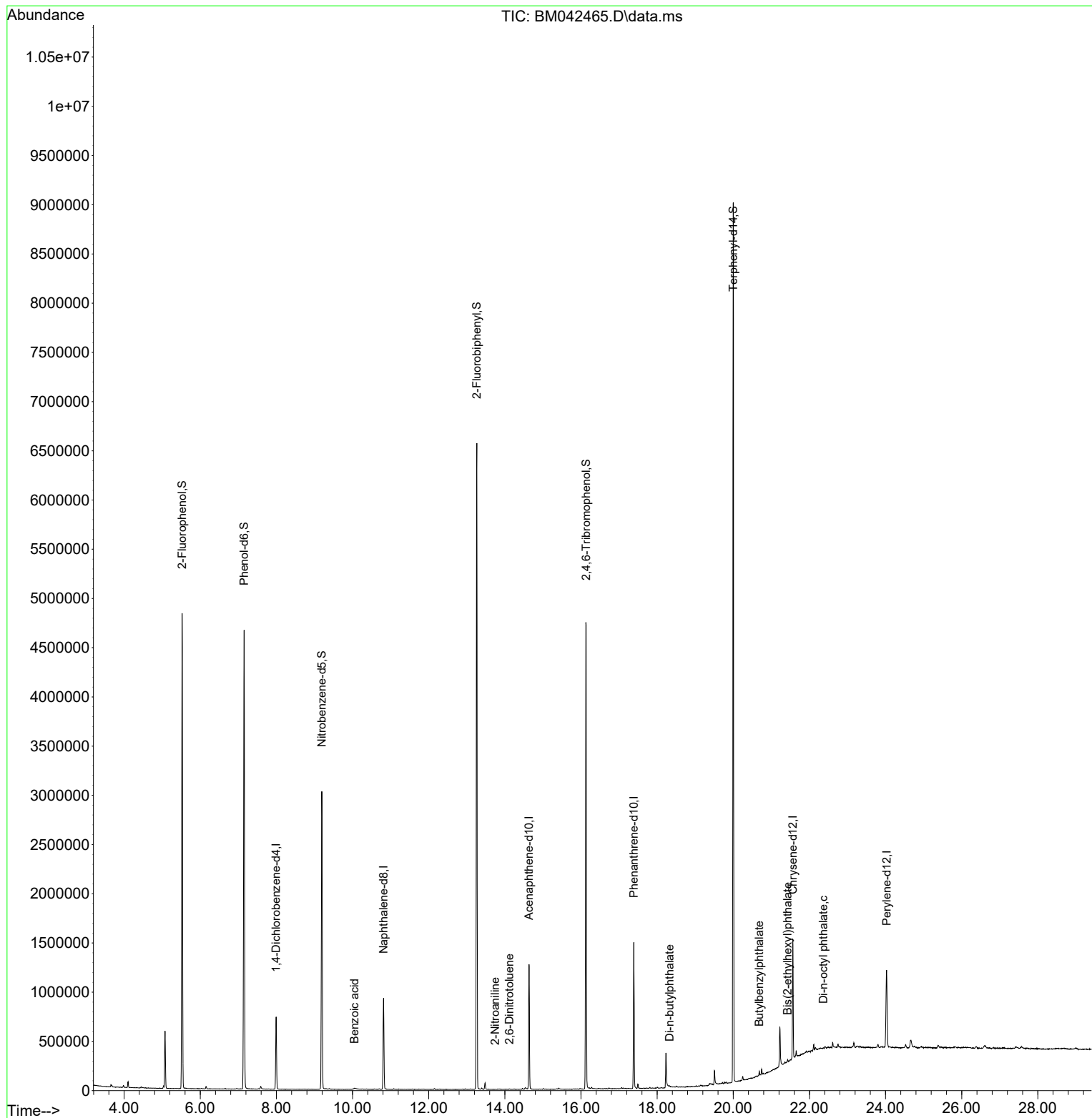
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	181758	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	719869	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	420814	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	835724	20.000	ng	-0.01
76) Chrysene-d12	21.562	240	569206	20.000	ng	-0.02
86) Perylene-d12	24.027	264	597816	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1915776	148.967	ng	0.00
7) Phenol-d6	7.151	99	2535939	147.143	ng	0.00
23) Nitrobenzene-d5	9.192	82	1695927	104.176	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	864668	182.071	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	3370466	107.855	ng	0.00
79) Terphenyl-d14	19.997	244	4258882	132.695	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.051	122	9094	6.309	ng	98
48) 2-Nitroaniline	13.739	65	66	3.645	ng	# 13
51) 2,6-Dinitrotoluene	14.116	165	65	2.896	ng	# 10
74) Di-n-butylphthalate	18.327	149	5406	2.913	ng	98
80) Butylbenzylphthalate	20.680	149	11807	3.869	ng	96
84) Bis(2-ethylhexyl)phtha...	21.427	149	7614	3.645	ng	# 98
85) Di-n-octyl phthalate	22.362	149	916	4.238	ng	# 64

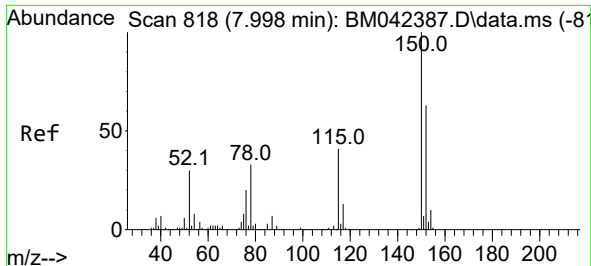
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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A-1RX

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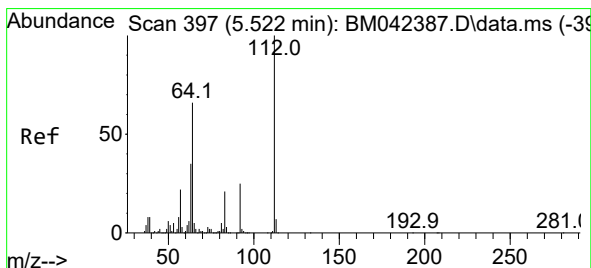
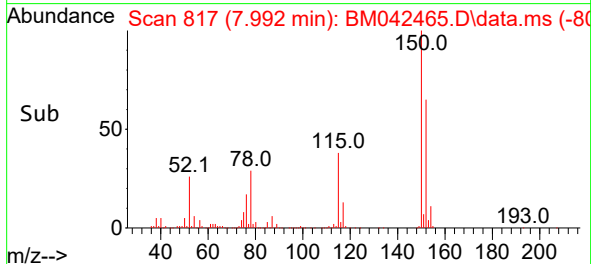
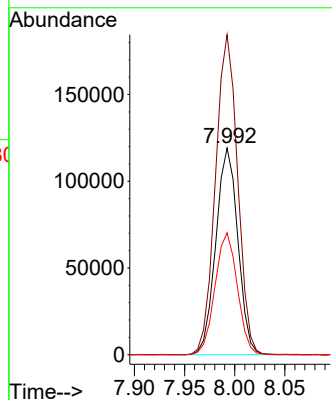
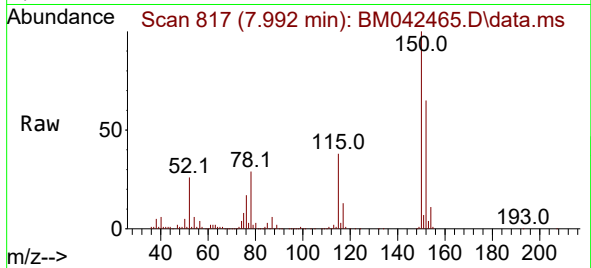




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042465.D
Acq: 26 Oct 2023 22:52

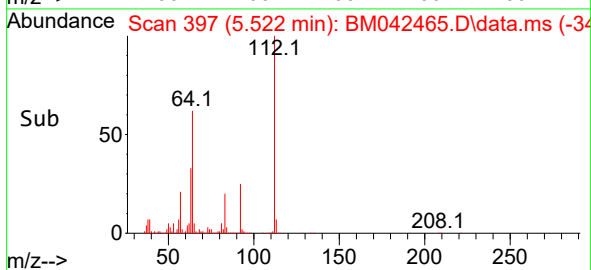
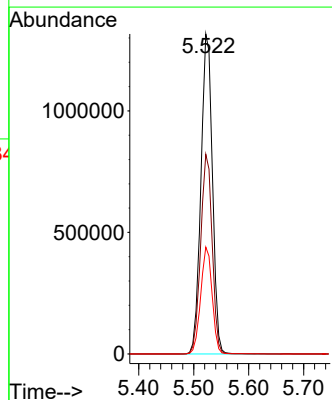
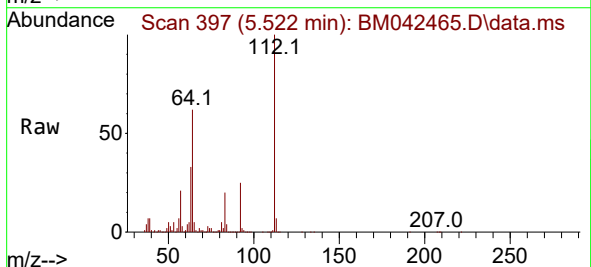
Instrument :
BNA_M
ClientSampleId :
A-1RX

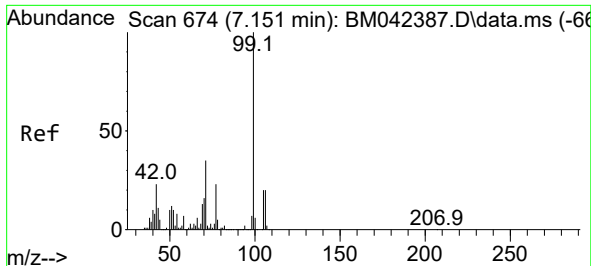
Tgt Ion:152 Resp: 181758
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.4
115 59.0 51.9 77.9



#5
2-Fluorophenol
Concen: 148.967 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042465.D
Acq: 26 Oct 2023 22:52

Tgt Ion:112 Resp: 1915776
Ion Ratio Lower Upper
112 100
64 62.4 52.7 79.1
63 33.4 28.3 42.5

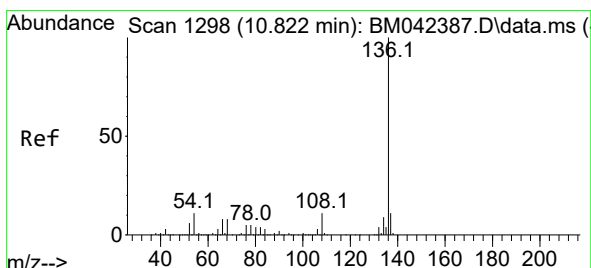
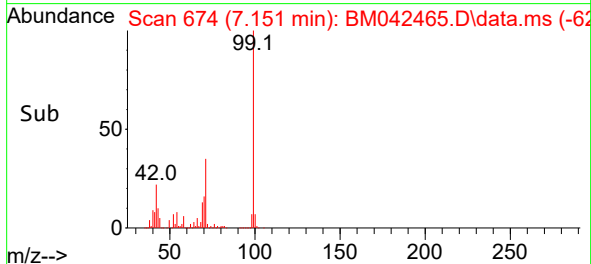
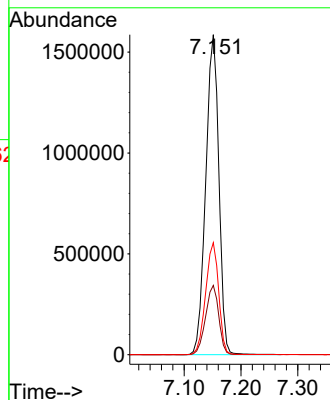
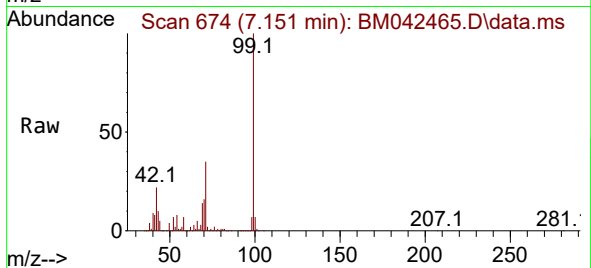




#7
Phenol-d6
Concen: 147.143 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042465.D
Acq: 26 Oct 2023 22:52

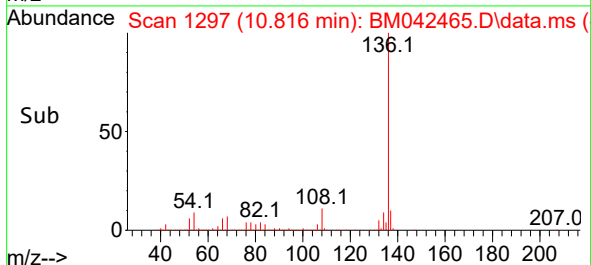
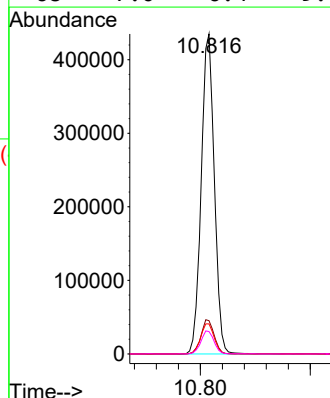
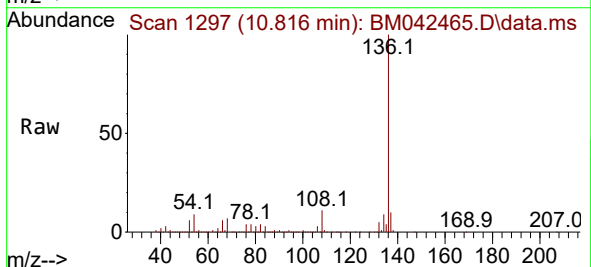
Instrument :
BNA_M
ClientSampleId :
A-1RX

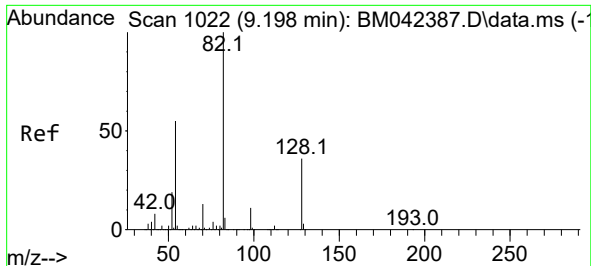
Tgt Ion: 99 Resp: 2535939
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 35.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042465.D
Acq: 26 Oct 2023 22:52

Tgt Ion:136 Resp: 719869
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.4 8.6 12.8
68 7.0 6.4 9.6





#23

Nitrobenzene-d5

Concen: 104.176 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BM042465.D

Acq: 26 Oct 2023 22:52

Instrument :

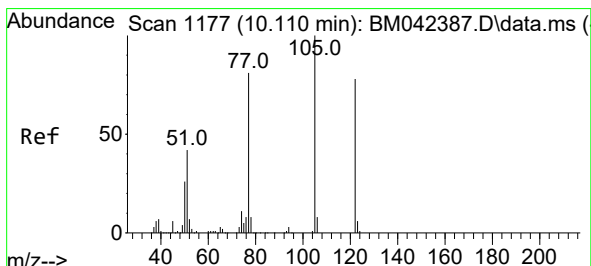
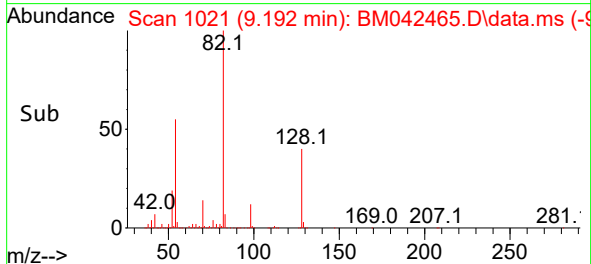
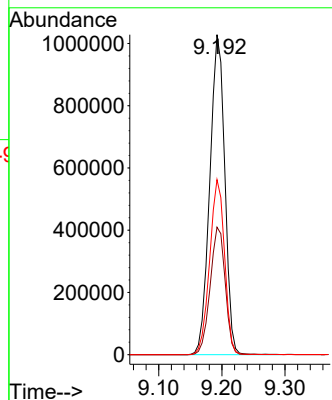
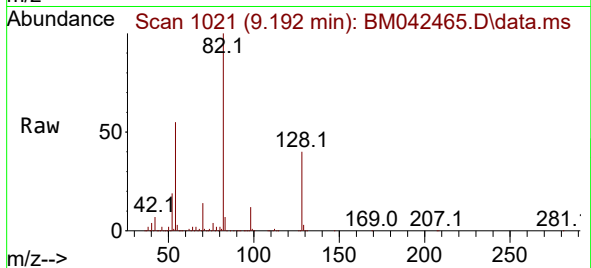
BNA_M

ClientSampleId :

A-1RX

Tgt Ion: 82 Resp: 1695927

Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.0	43.6
54	54.7	43.7	65.5



#32

Benzoic acid

Concen: 6.309 ng

RT: 10.051 min Scan# 1167

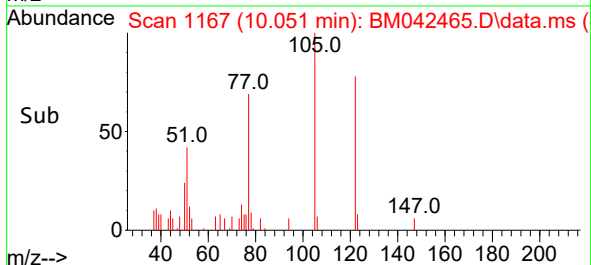
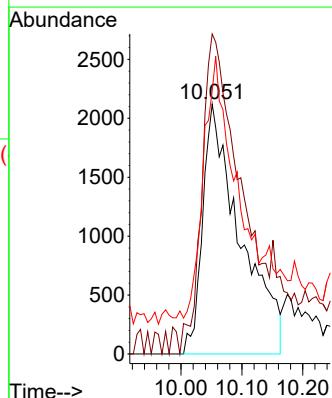
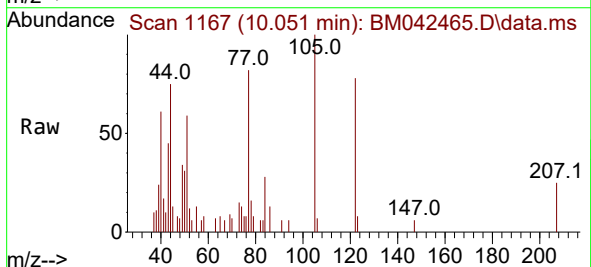
Delta R.T. -0.059 min

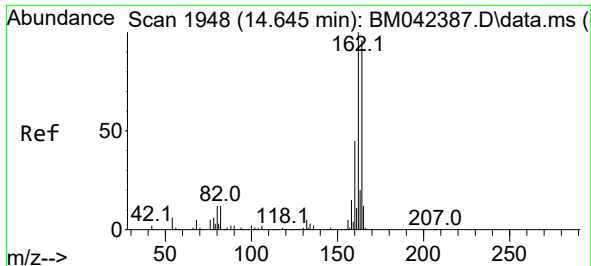
Lab File: BM042465.D

Acq: 26 Oct 2023 22:52

Tgt Ion:122 Resp: 9094

Ion	Ratio	Lower	Upper
122	100		
105	128.1	104.9	144.9
77	105.3	83.4	123.4

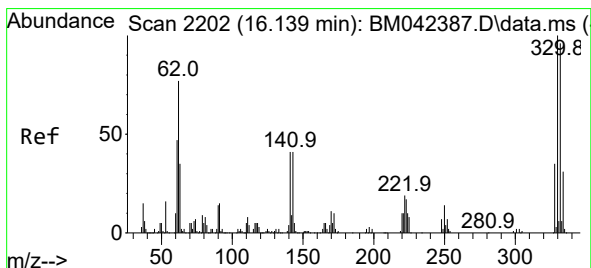
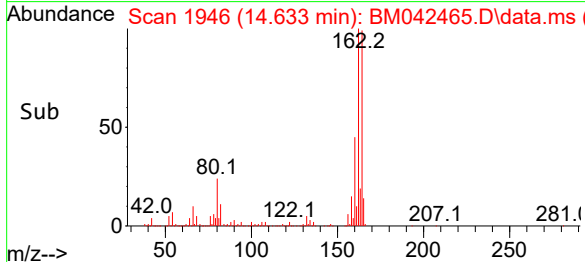
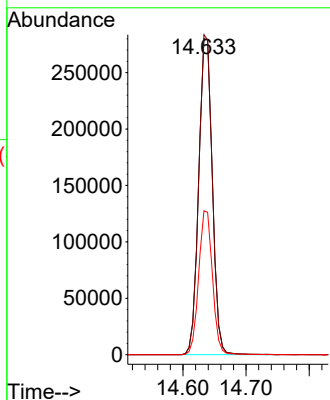
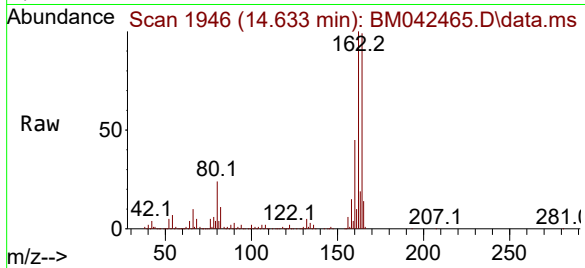




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042465.D
Acq: 26 Oct 2023 22:52

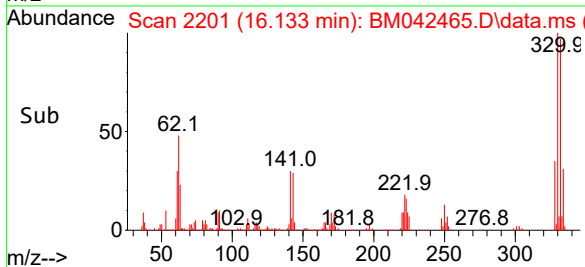
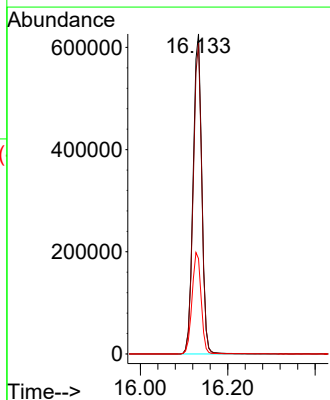
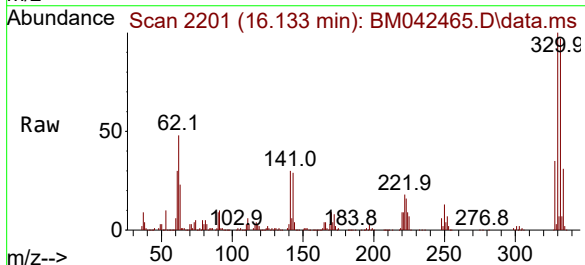
Instrument :
BNA_M
ClientSampleId :
A-1RX

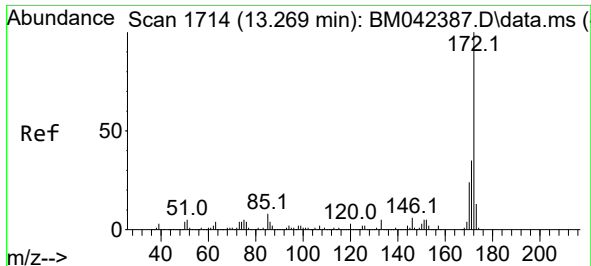
Tgt Ion:164 Resp: 420814
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.4
160 45.5 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 182.071 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042465.D
Acq: 26 Oct 2023 22:52

Tgt Ion:330 Resp: 864668
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 33.3 38.0 57.0#

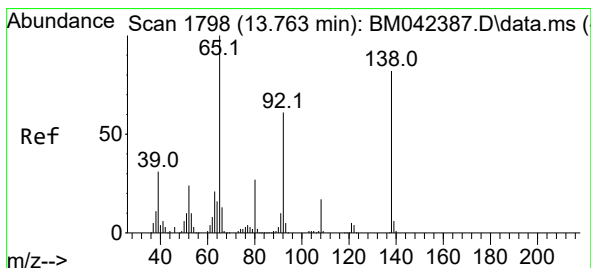
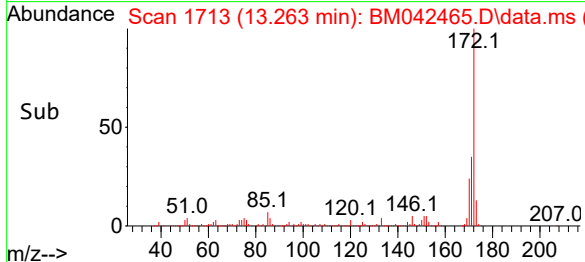
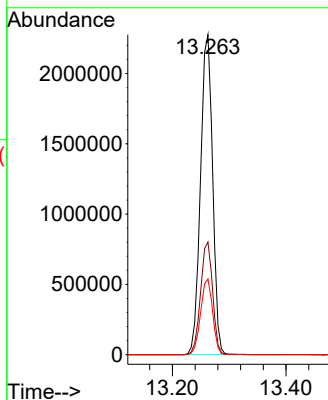
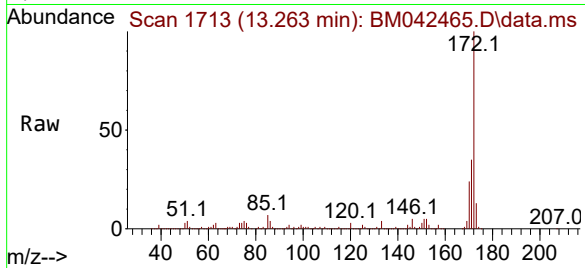




#45
2-Fluorobiphenyl
Concen: 107.855 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042465.D
Acq: 26 Oct 2023 22:52

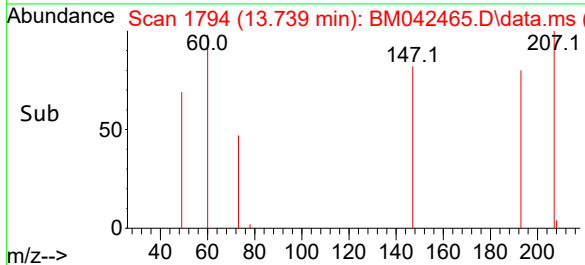
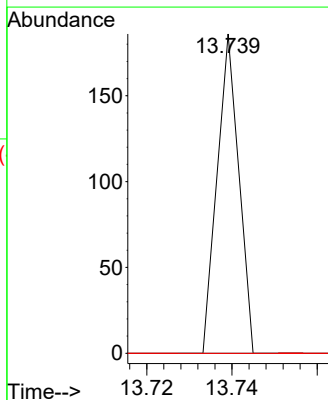
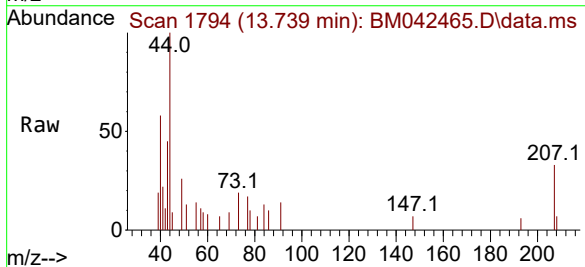
Instrument :
BNA_M
ClientSampleId :
A-1RX

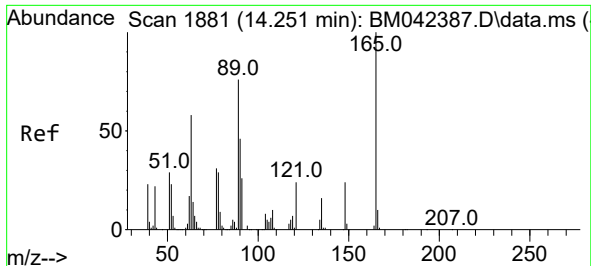
Tgt Ion:172 Resp: 3370466
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 18.9 28.3



#48
2-Nitroaniline
Concen: 3.645 ng
RT: 13.739 min Scan# 1794
Delta R.T. -0.024 min
Lab File: BM042465.D
Acq: 26 Oct 2023 22:52

Tgt Ion: 65 Resp: 66
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: 2.896 ng

RT: 14.116 min Scan# 1

Delta R.T. -0.135 min

Lab File: BM042465.D

Acq: 26 Oct 2023 22:52

Instrument :

BNA_M

ClientSampleId :

A-1RX

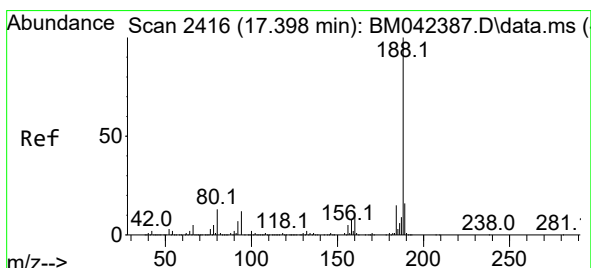
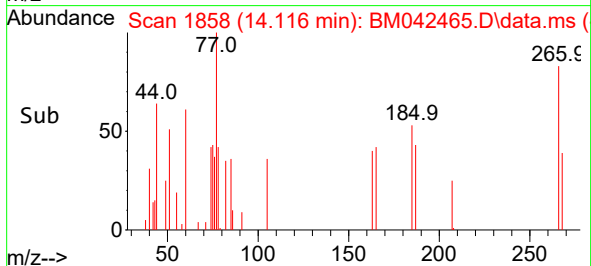
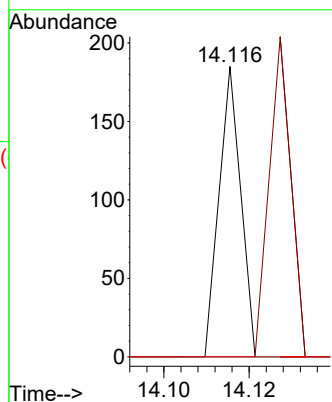
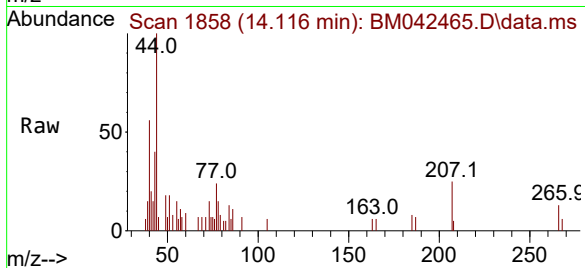
Tgt Ion:165 Resp: 65

Ion Ratio Lower Upper

165 100

63 0.0 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: BM042465.D

Acq: 26 Oct 2023 22:52

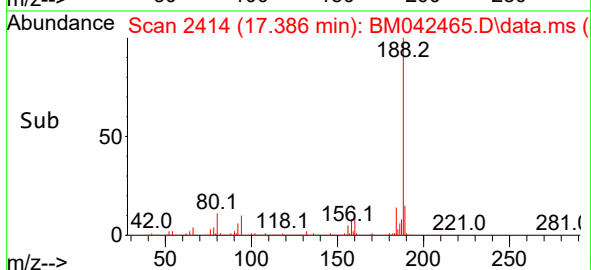
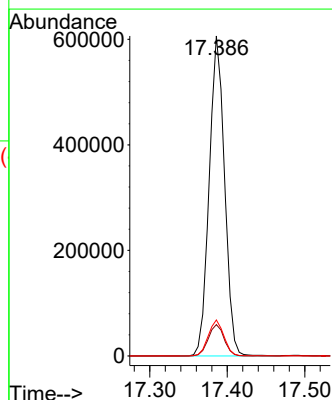
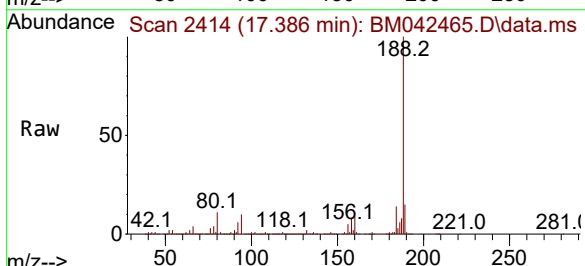
Tgt Ion:188 Resp: 835724

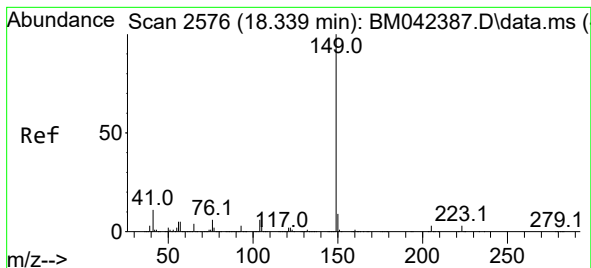
Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.0

80 11.2 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.913 ng

RT: 18.327 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042465.D

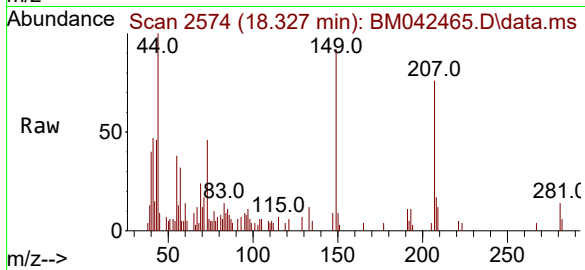
Acq: 26 Oct 2023 22:52

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BNA_M

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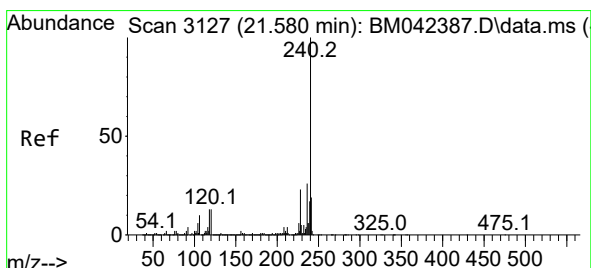
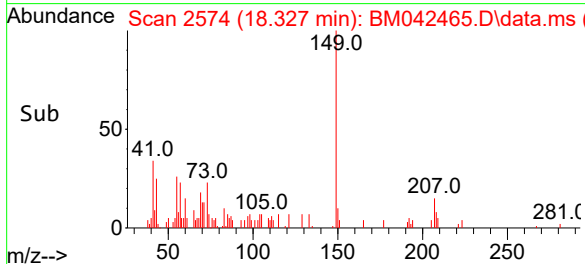
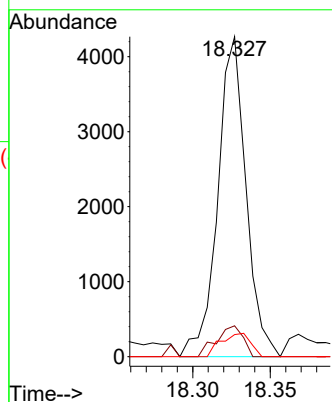
Tgt Ion:149 Resp: 5406

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 6.9 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3124

Delta R.T. -0.018 min

Lab File: BM042465.D

Acq: 26 Oct 2023 22:52

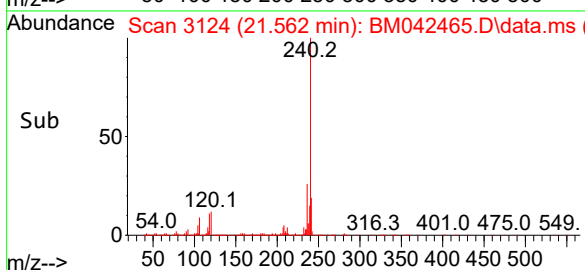
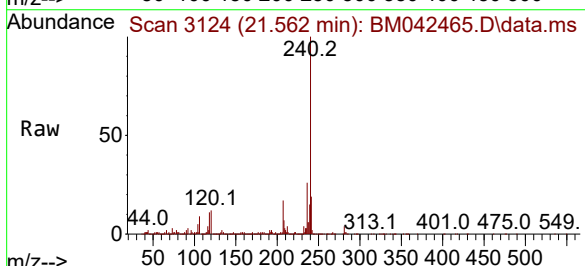
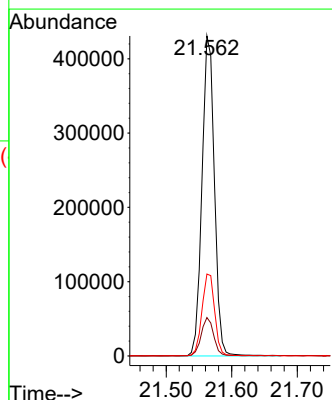
Tgt Ion:240 Resp: 569206

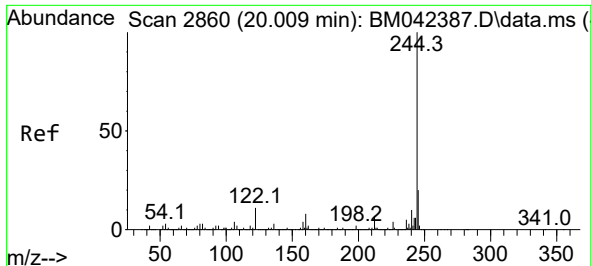
Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

236 25.6 20.7 31.1

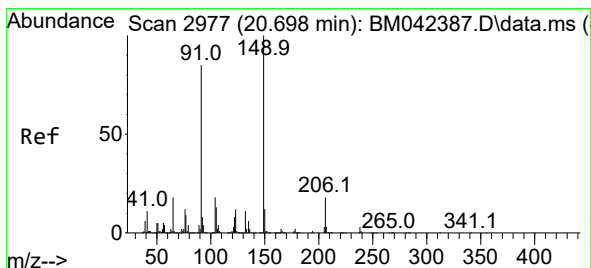
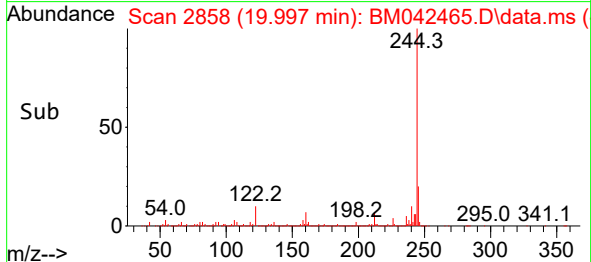
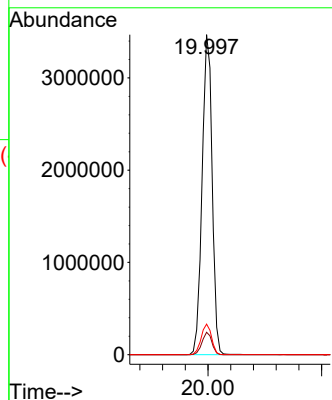
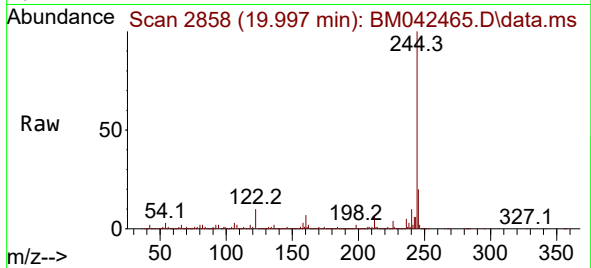




#79
 Terphenyl-d14
 Concen: 132.695 ng
 RT: 19.997 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM042465.D
 Acq: 26 Oct 2023 22:52

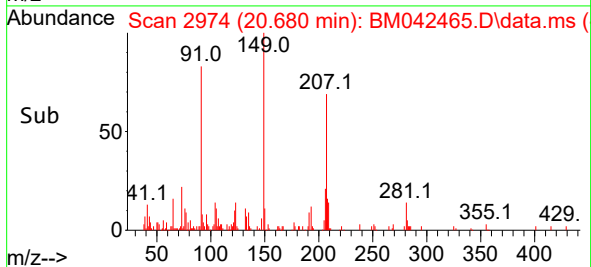
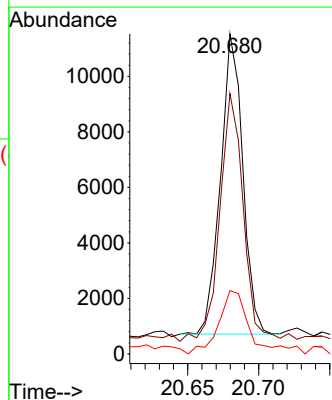
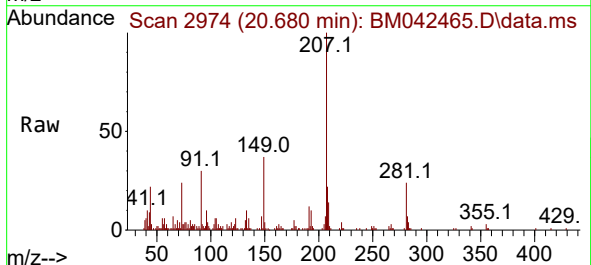
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 BNA_M
 ClientSampleId :
 A-1RX

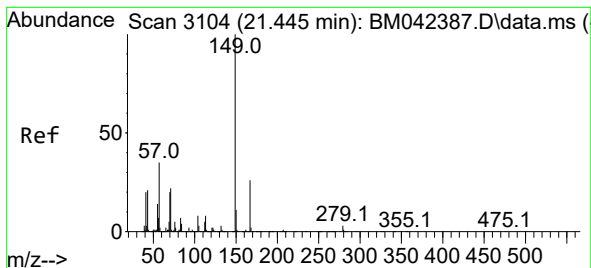
Tgt Ion:244 Resp: 4258882
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.5 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.869 ng
 RT: 20.680 min Scan# 2974
 Delta R.T. -0.018 min
 Lab File: BM042465.D
 Acq: 26 Oct 2023 22:52

Tgt Ion:149 Resp: 11807
 Ion Ratio Lower Upper
 149 100
 91 81.4 68.3 102.5
 206 19.8 14.6 22.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.645 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.018 min

Lab File: BM042465.D

Acq: 26 Oct 2023 22:52

Instrument :

BNA_M

ClientSampleId :

A-1RX

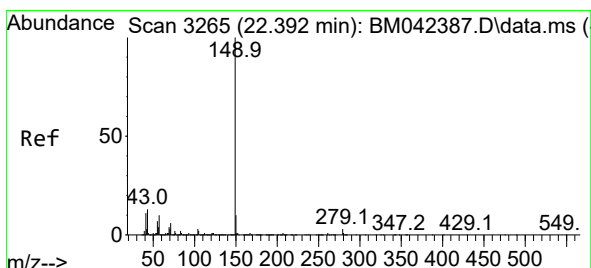
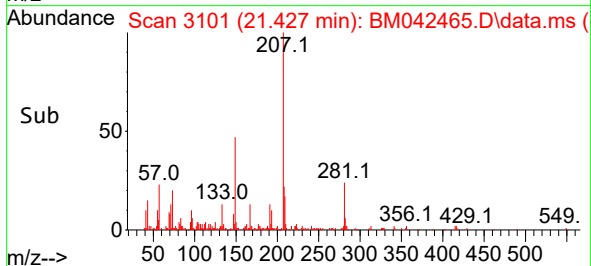
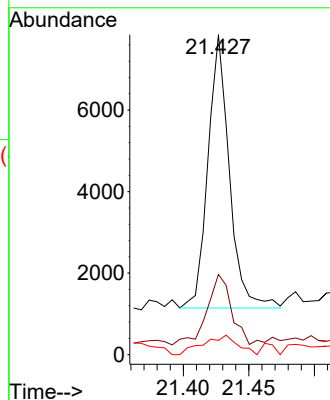
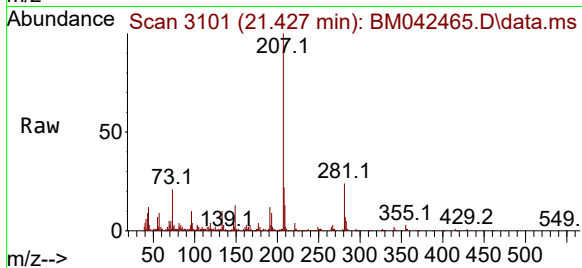
Tgt Ion:149 Resp: 7614

Ion Ratio Lower Upper

149 100

167 25.1 20.9 31.3

279 4.4 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 4.238 ng

RT: 22.362 min Scan# 3260

Delta R.T. -0.030 min

Lab File: BM042465.D

Acq: 26 Oct 2023 22:52

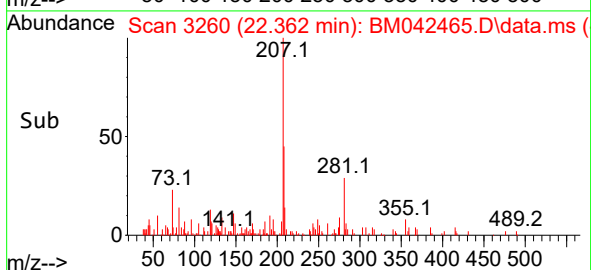
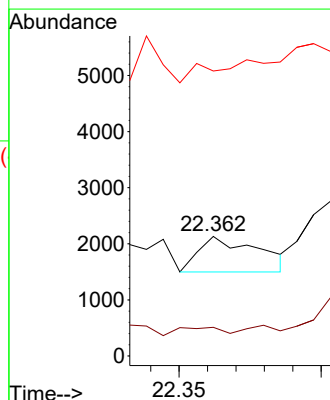
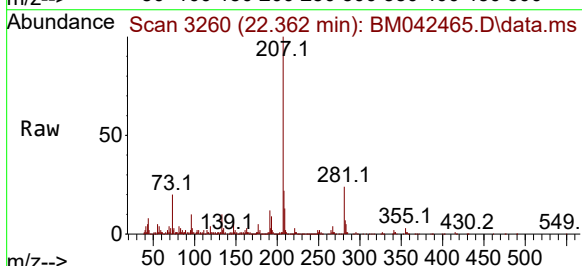
Tgt Ion:149 Resp: 916

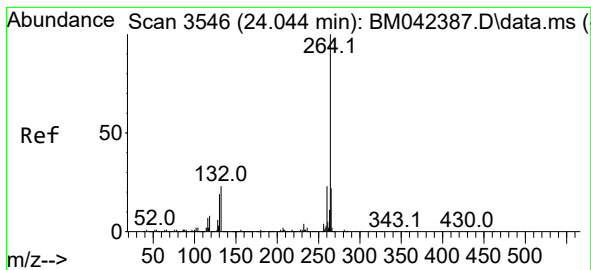
Ion Ratio Lower Upper

149 100

167 22.7 1.2 1.8#

43 0.0 11.0 16.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.027 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BM042465.D
 Acq: 26 Oct 2023 22:52

Instrument :
 BNA_M
 ClientSampleId :
 A-1RX

Tgt Ion:264 Resp: 597816
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 22.2 17.8 26.8

