

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042427.D
 Acq On : 24 Oct 2023 19:43
 Operator : MA/JU
 Sample : 04978-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-03

Quant Time: Oct 25 02:13:46 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)

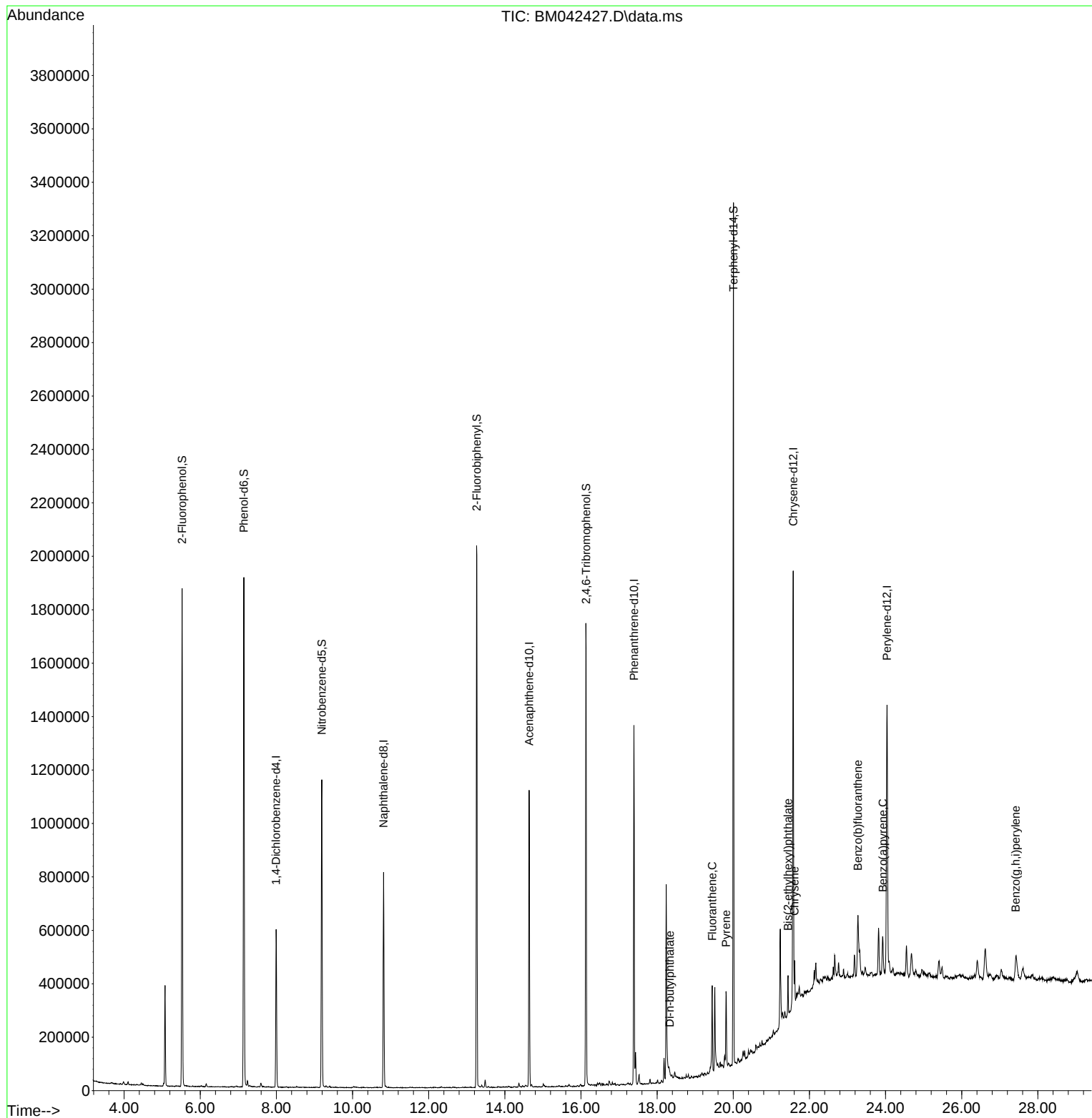
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	145598	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	600517	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	348722	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	745460	20.000	ng	0.00
76) Chrysene-d12	21.574	240	694590	20.000	ng	0.00
86) Perylene-d12	24.038	264	767336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	713787	69.287	ng	0.00
7) Phenol-d6	7.145	99	996223	72.160	ng	0.00
23) Nitrobenzene-d5	9.192	82	633434	46.643	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	274764	75.516	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1001372	38.669	ng	0.00
79) Terphenyl-d14	20.003	244	1391908	35.539	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.333	149	4604	2.908	ng	# 92
75) Fluoranthene	19.445	202	176119	3.943	ng	99
78) Pyrene	19.809	202	164252	3.384	ng	99
83) Chrysene	21.609	228	90337	2.020	ng	96
84) Bis(2-ethylhexyl)phtha...	21.439	149	45604	4.724	ng	# 96
88) Benzo(b)fluoranthene	23.274	252	158242	3.426	ng	# 97
90) Benzo(a)pyrene	23.927	252	105199	2.366	ng	98
92) Benzo(g,h,i)perylene	27.421	276	98114	2.167	ng	96

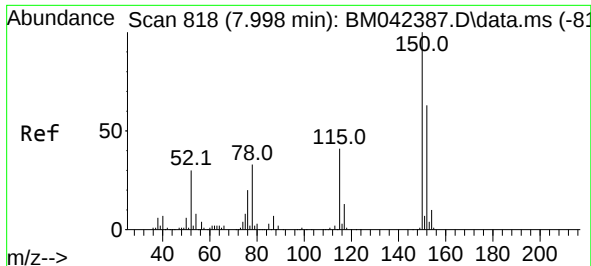
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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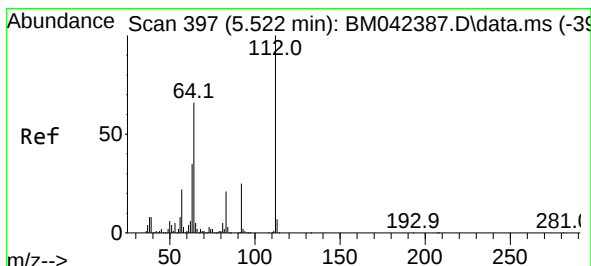
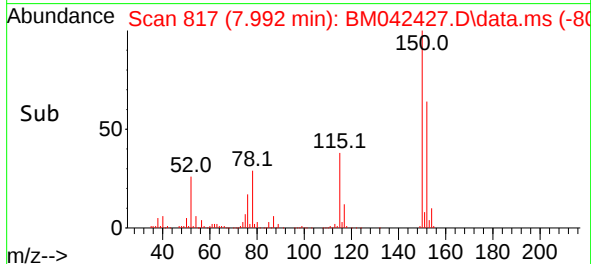
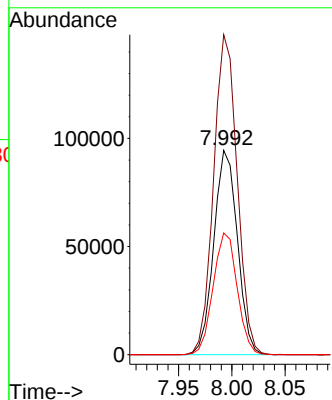
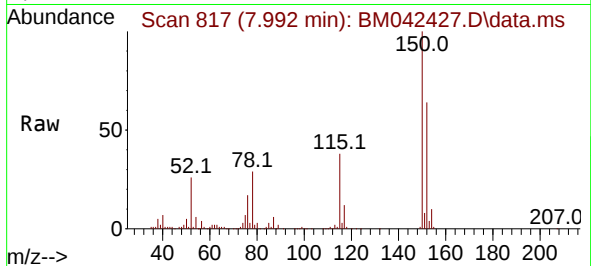




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

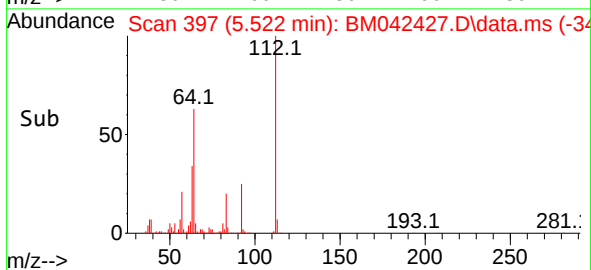
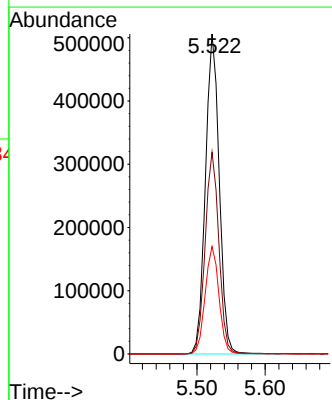
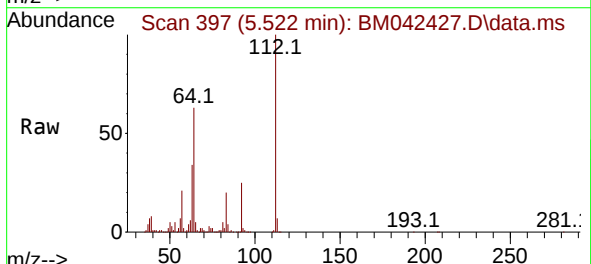
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

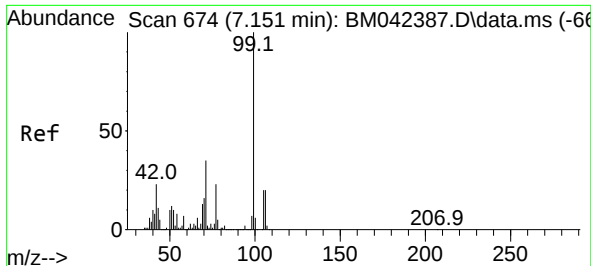
Tgt Ion:152 Resp: 145598
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.4
115 59.6 51.9 77.9



#5
2-Fluorophenol
Concen: 69.287 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

Tgt Ion:112 Resp: 713787
Ion Ratio Lower Upper
112 100
64 63.0 52.7 79.1
63 33.6 28.3 42.5

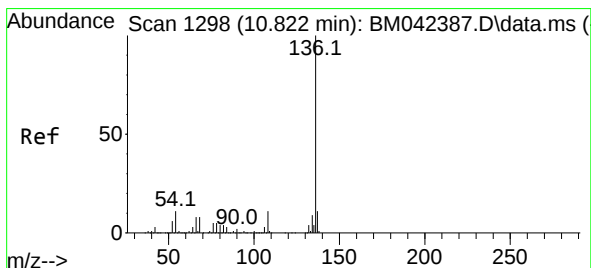
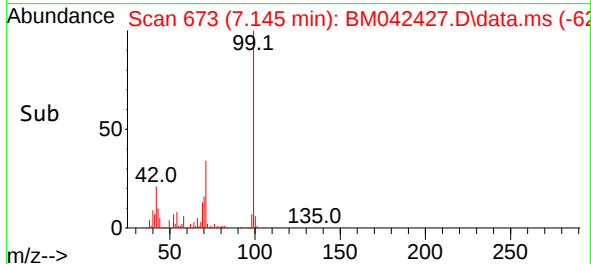
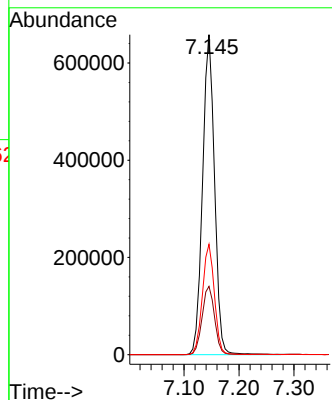
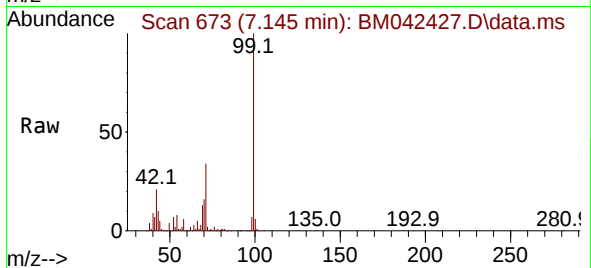




#7
Phenol-d6
Concen: 72.160 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

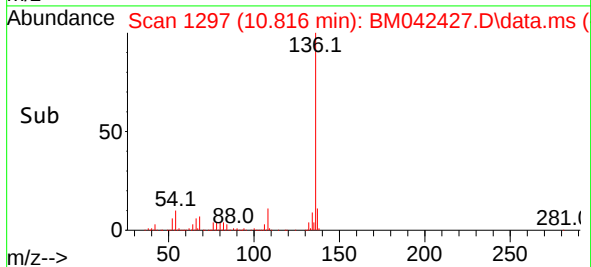
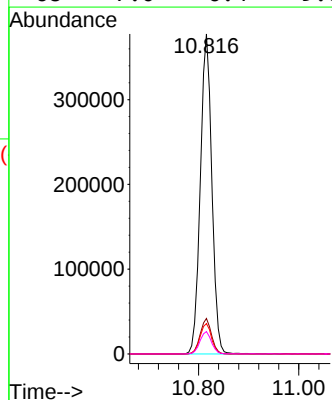
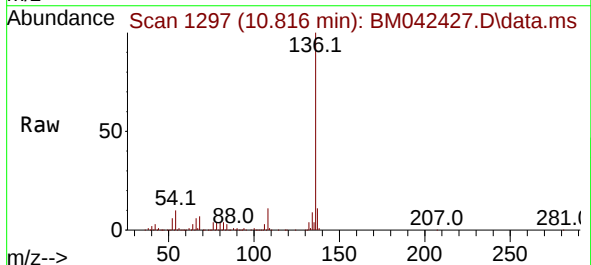
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

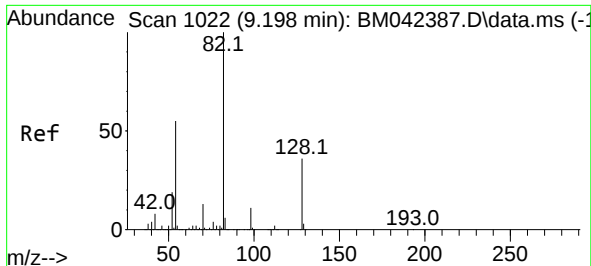
Tgt Ion: 99 Resp: 996223
Ion Ratio Lower Upper
99 100
42 21.4 18.5 27.7
71 34.5 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

Tgt Ion: 136 Resp: 600517
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.5 8.6 12.8
68 7.0 6.4 9.6

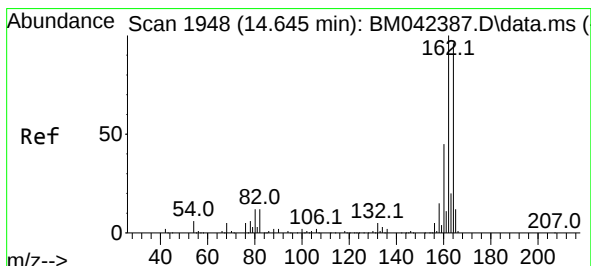
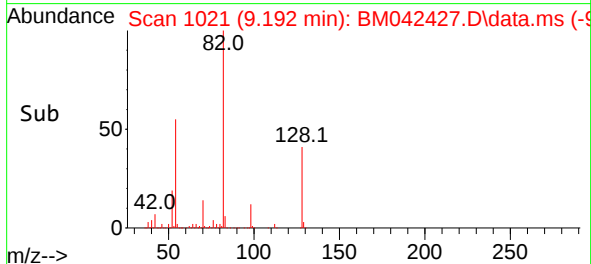
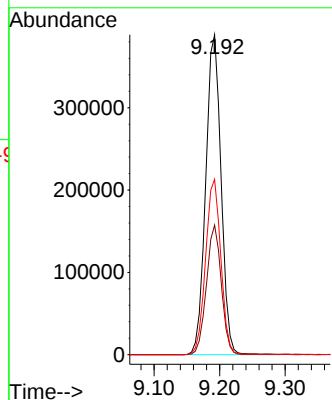
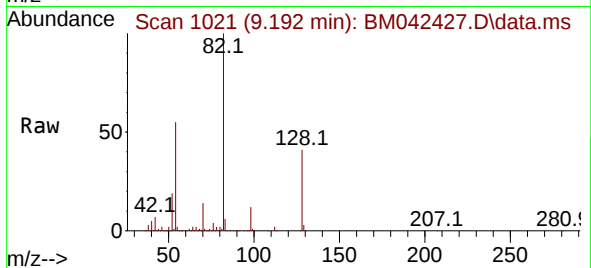




#23
Nitrobenzene-d5
Concen: 46.643 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

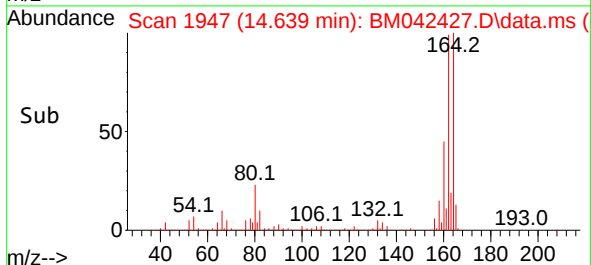
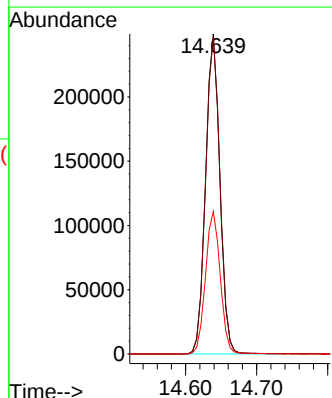
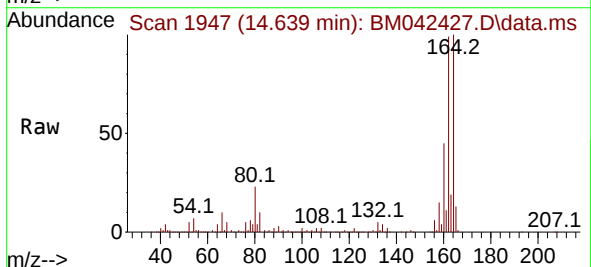
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

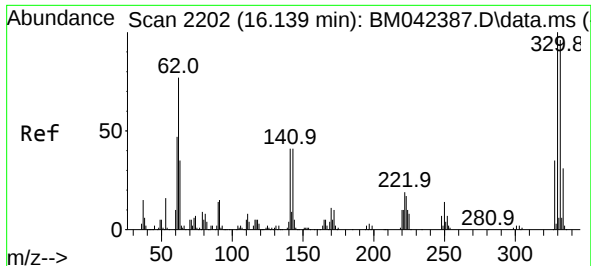
Tgt Ion: 82 Resp: 633434
Ion Ratio Lower Upper
82 100
128 40.5 29.0 43.6
54 54.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

Tgt Ion: 164 Resp: 348722
Ion Ratio Lower Upper
164 100
162 98.9 83.0 124.4
160 44.5 37.0 55.4

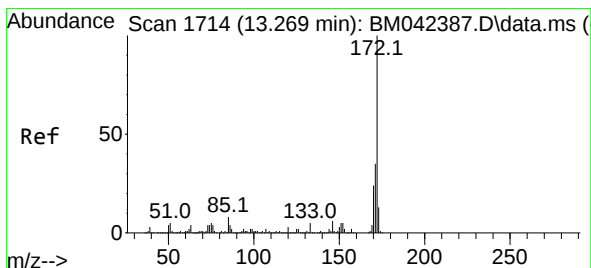
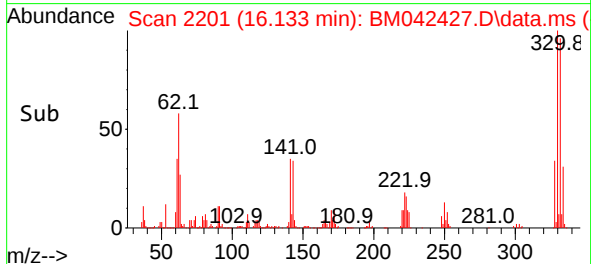
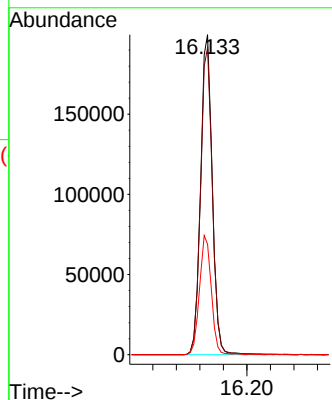
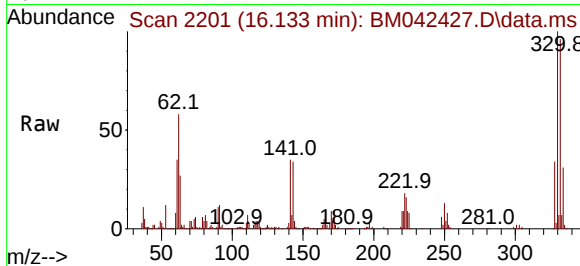




#42
2,4,6-Tribromophenol
Concen: 75.516 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

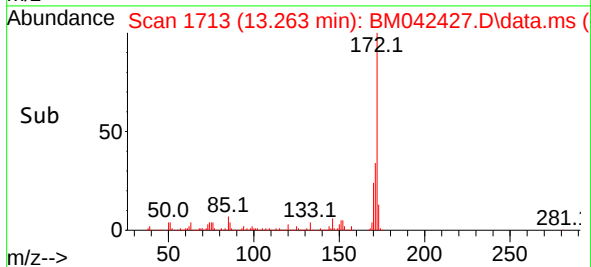
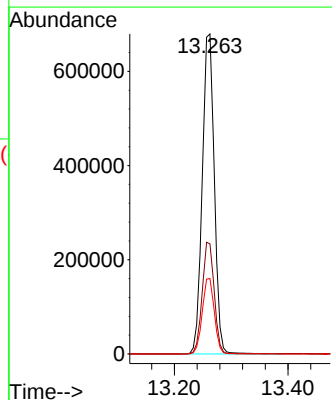
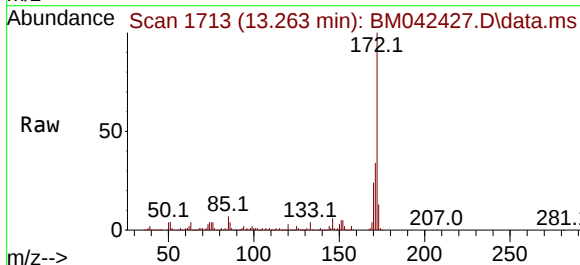
Instrument :
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ClientSampleId :
NB-406-COMP-03

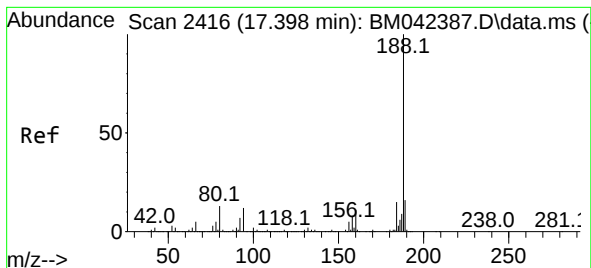
Tgt Ion:330 Resp: 274764
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 37.7 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 38.669 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

Tgt Ion:172 Resp: 1001372
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042427.D

Acq: 24 Oct 2023 19:43

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-03

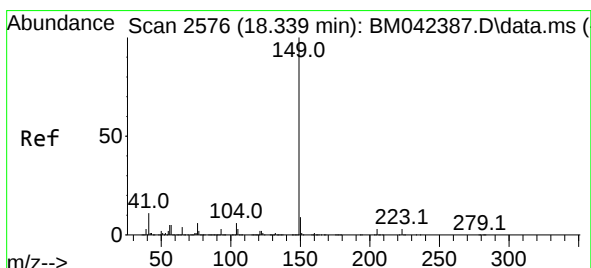
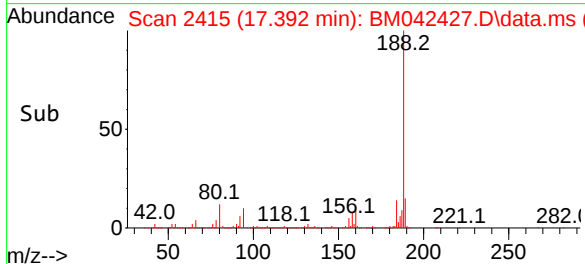
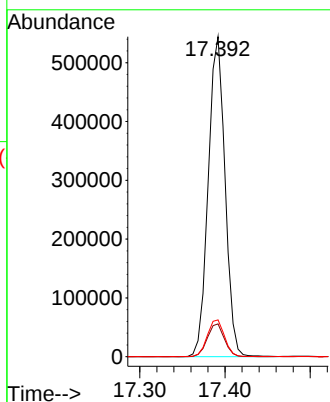
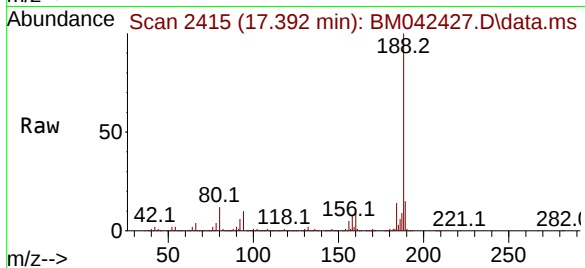
Tgt Ion:188 Resp: 745460

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.0

80 11.5 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.908 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042427.D

Acq: 24 Oct 2023 19:43

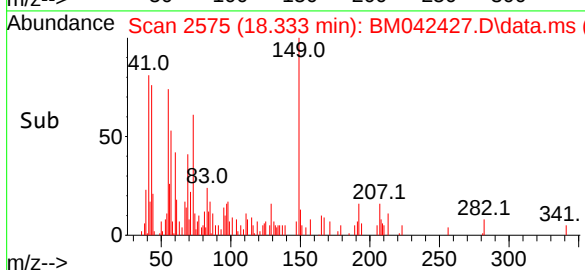
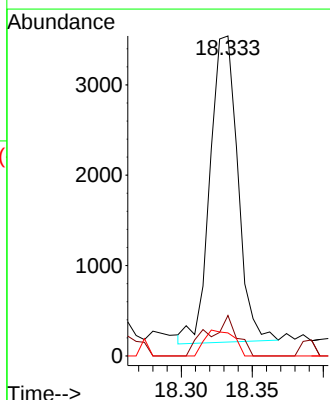
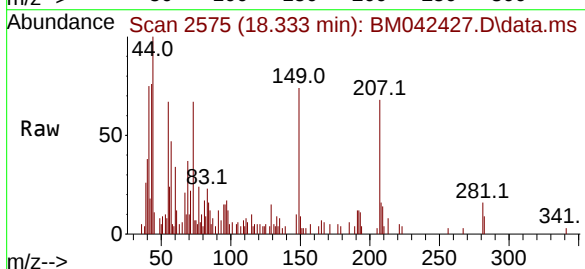
Tgt Ion:149 Resp: 4604

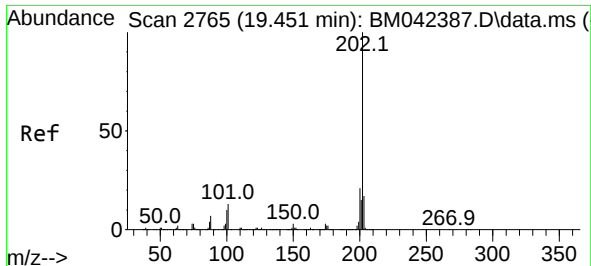
Ion Ratio Lower Upper

149 100

150 12.7 7.4 11.0#

104 7.2 4.6 7.0#

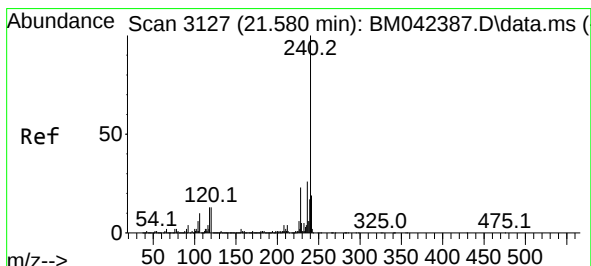
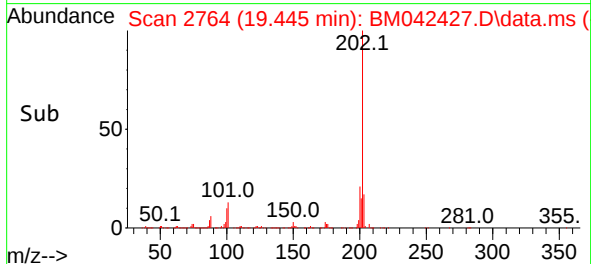
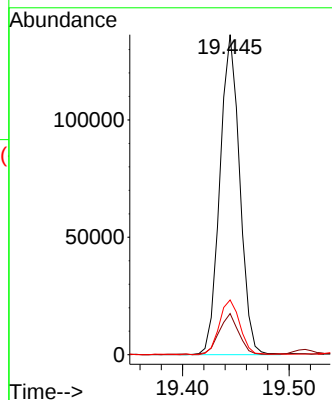
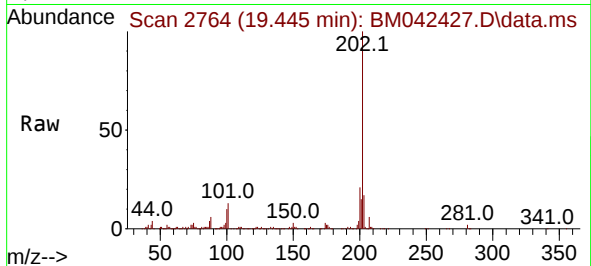




#75
Fluoranthene
Concen: 3.943 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

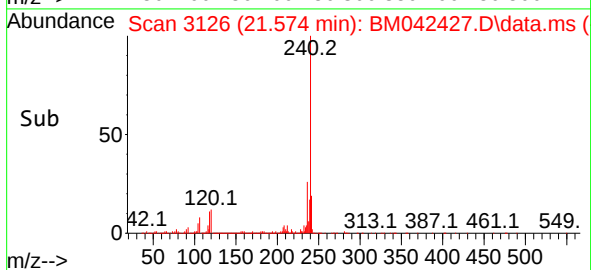
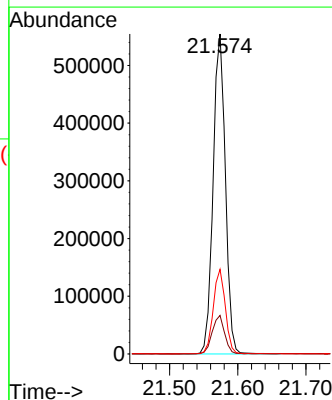
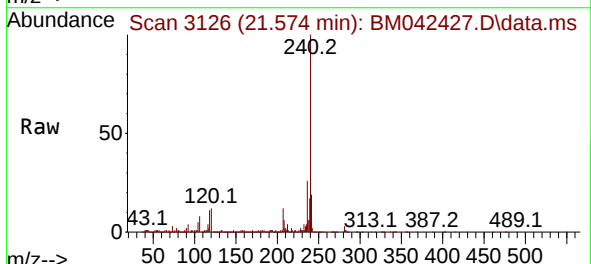
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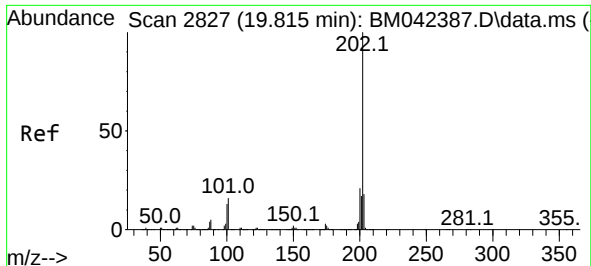
Tgt Ion:202 Resp: 176119
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.3
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

Tgt Ion:240 Resp: 694590
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 26.4 20.7 31.1

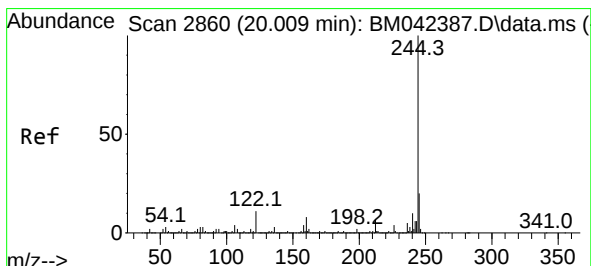
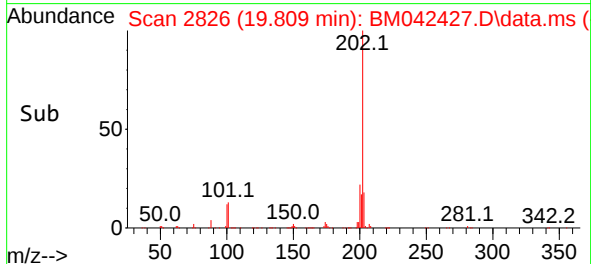
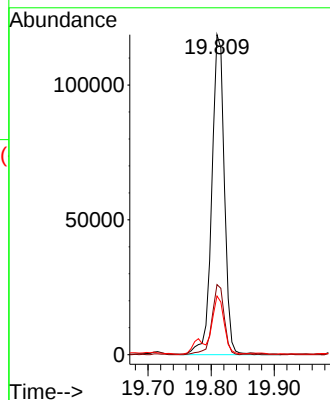
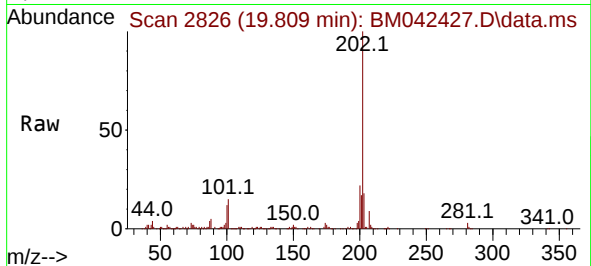




#78
 Pyrene
 Concen: 3.384 ng
 RT: 19.809 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042427.D
 Acq: 24 Oct 2023 19:43

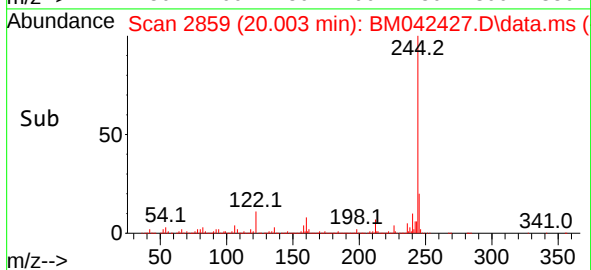
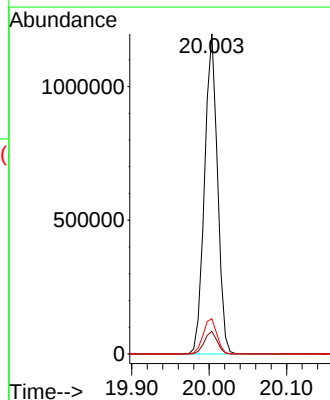
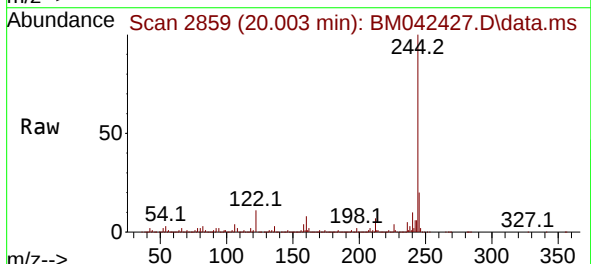
Instrument :
 BNA_M
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 NB-406-COMP-03

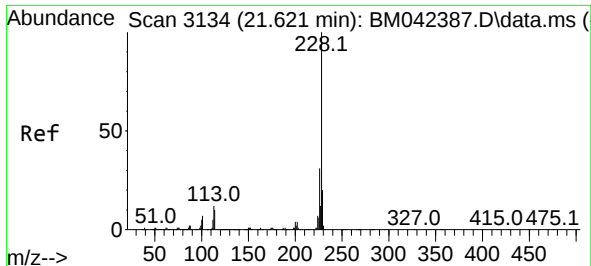
Tgt Ion:202 Resp: 164252
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.1 25.7
 203 18.3 14.1 21.1



#79
 Terphenyl-d14
 Concen: 35.539 ng
 RT: 20.003 min Scan# 2859
 Delta R.T. -0.006 min
 Lab File: BM042427.D
 Acq: 24 Oct 2023 19:43

Tgt Ion:244 Resp: 1391908
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.0 8.8 13.2

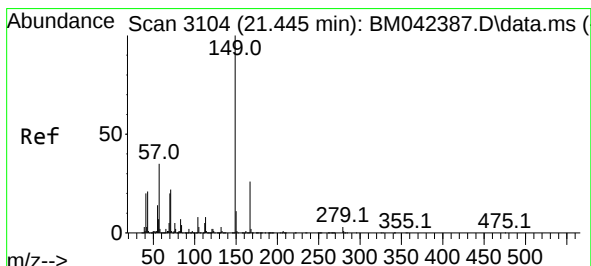
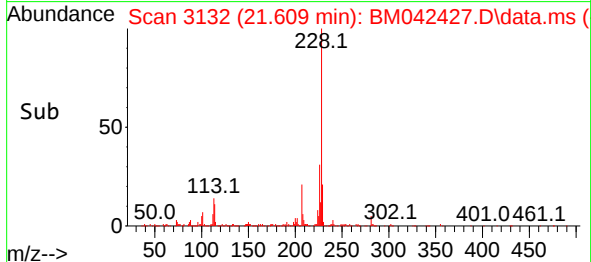
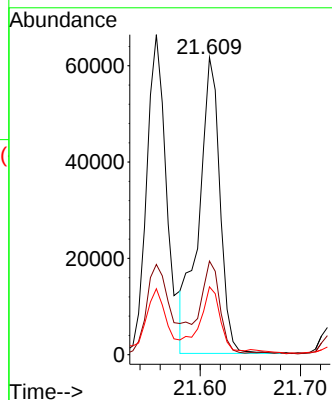
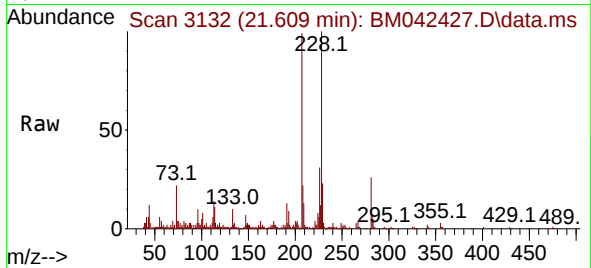




#83
Chrysene
Concen: 2.020 ng
RT: 21.609 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

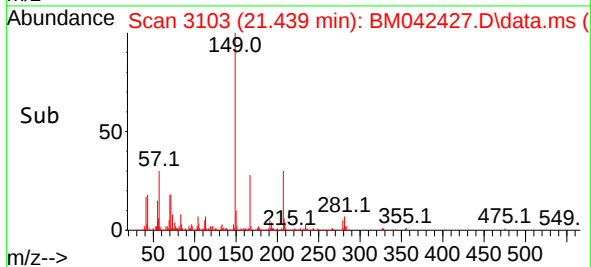
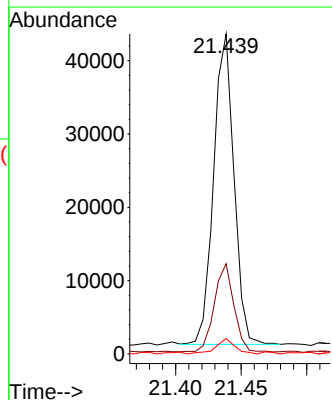
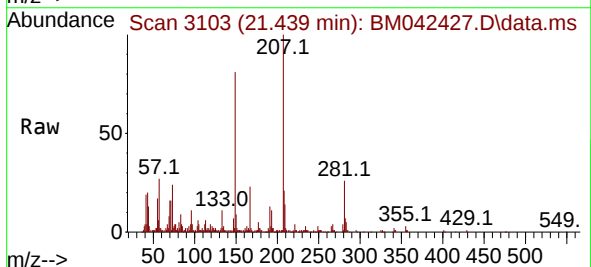
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-03

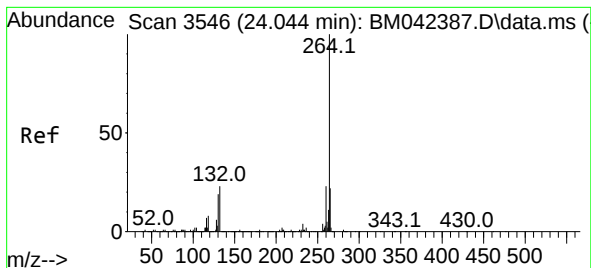
Tgt Ion:228 Resp: 90337
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 22.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.724 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM042427.D
Acq: 24 Oct 2023 19:43

Tgt Ion:149 Resp: 45604
Ion Ratio Lower Upper
149 100
167 28.2 20.9 31.3
279 4.8 2.7 4.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.038 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042427.D

Acq: 24 Oct 2023 19:43

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-03

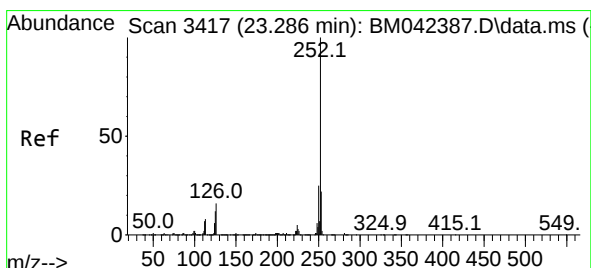
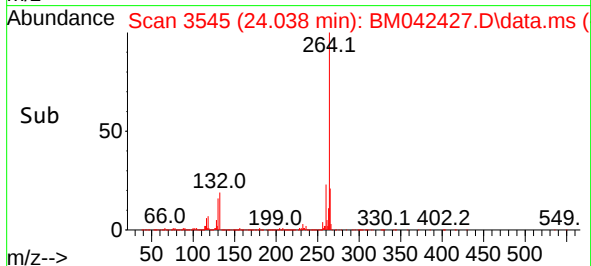
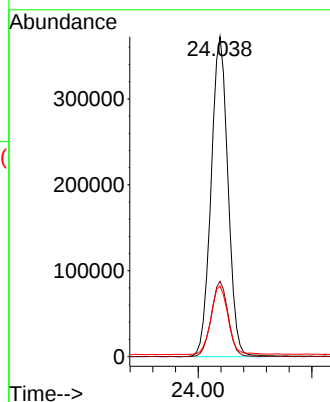
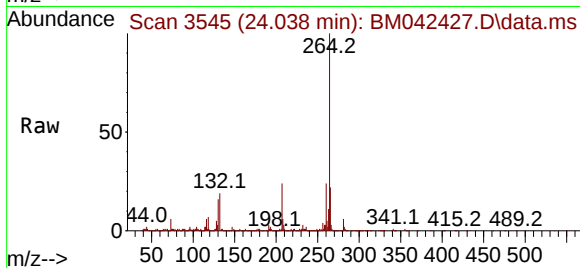
Tgt Ion:264 Resp: 767336

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.1 17.8 26.8



#88

Benzo(b)fluoranthene

Concen: 3.426 ng

RT: 23.274 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042427.D

Acq: 24 Oct 2023 19:43

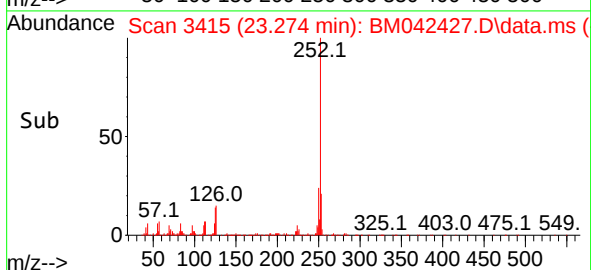
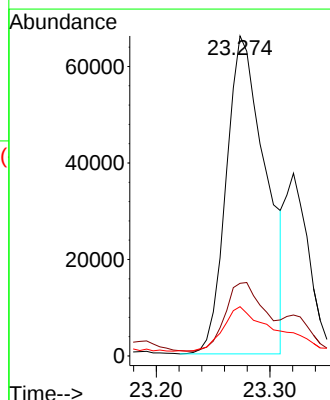
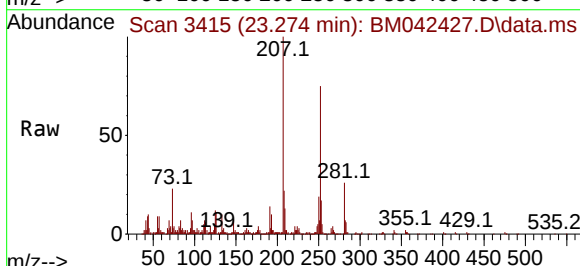
Tgt Ion:252 Resp: 158242

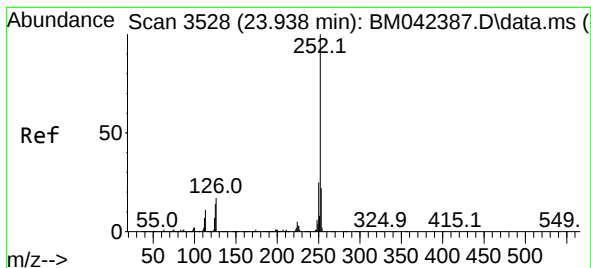
Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 15.4 9.8 14.8#





#90

Benzo(a)pyrene

Concen: 2.366 ng

RT: 23.927 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042427.D

Acq: 24 Oct 2023 19:43

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-03

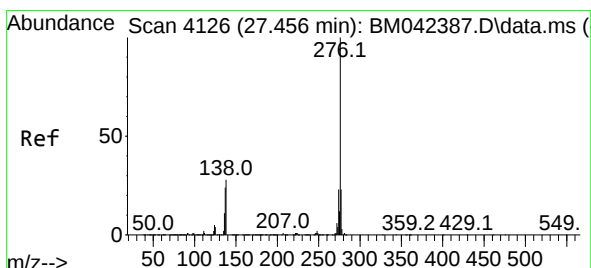
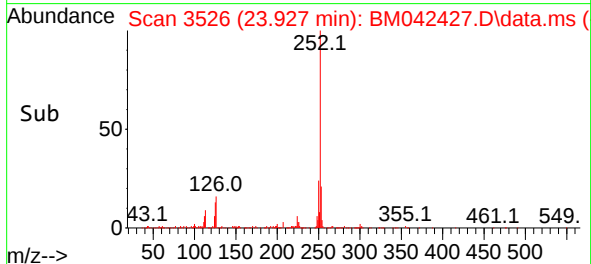
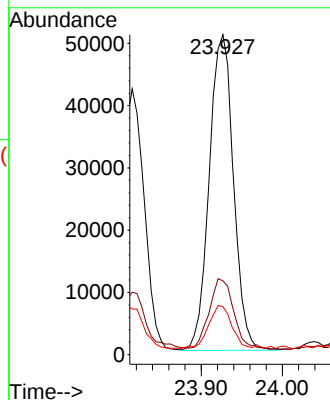
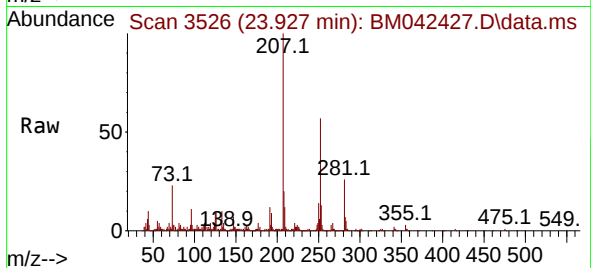
Tgt Ion:252 Resp: 105199

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 15.0 10.9 16.3



#92

Benzo(g,h,i)perylene

Concen: 2.167 ng

RT: 27.421 min Scan# 4120

Delta R.T. -0.035 min

Lab File: BM042427.D

Acq: 24 Oct 2023 19:43

Tgt Ion:276 Resp: 98114

Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 26.0 22.6 34.0

