

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042426.D
 Acq On : 24 Oct 2023 19:06
 Operator : MA/JU
 Sample : 04977-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-02

Quant Time: Oct 24 19:39:43 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)

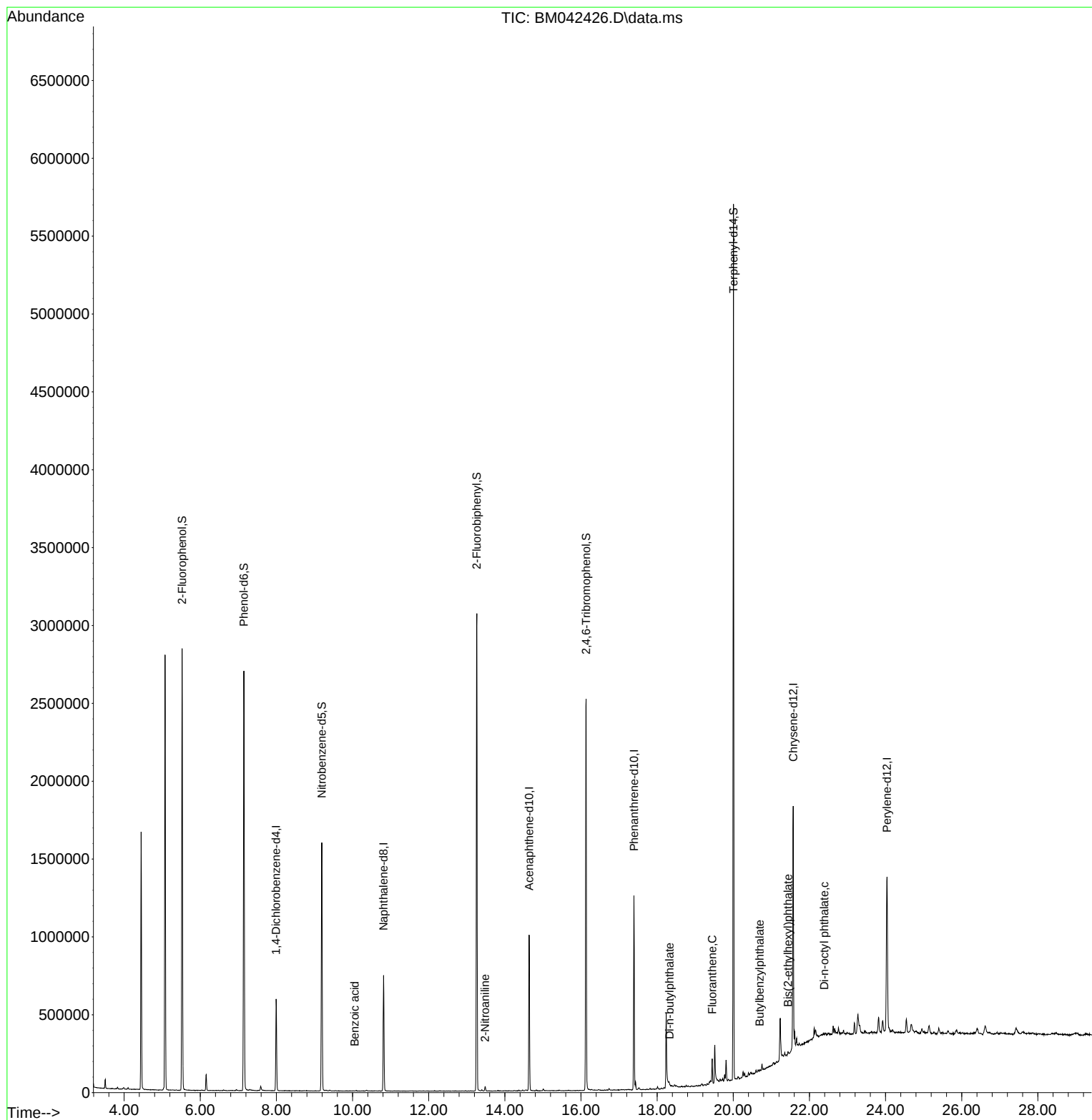
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	145607	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	571957	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	319553	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	676550	20.000	ng	0.00
76) Chrysene-d12	21.574	240	677417	20.000	ng	0.00
86) Perylene-d12	24.038	264	768348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1082468	105.068	ng	0.00
7) Phenol-d6	7.145	99	1404430	101.721	ng	0.00
23) Nitrobenzene-d5	9.192	82	869094	67.192	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	412996	117.950	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1532210	64.568	ng	0.00
79) Terphenyl-d14	20.003	244	2403479	62.924	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	58	5.331	ng	# 3
48) 2-Nitroaniline	13.480	65	567	3.704	ng	# 13
74) Di-n-butylphthalate	18.327	149	2510	2.872	ng	# 82
75) Fluoranthene	19.445	202	84972	2.096	ng	# 98
80) Butylbenzylphthalate	20.692	149	632	3.286	ng	# 62
84) Bis(2-ethylhexyl)phtha...	21.439	149	6022	3.552	ng	# 98
85) Di-n-octyl phthalate	22.386	149	556	4.228	ng	# 69

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

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Response via : Initial Calibration

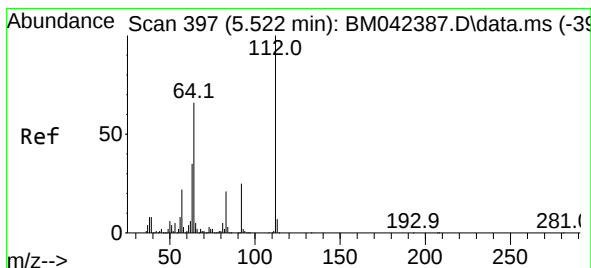
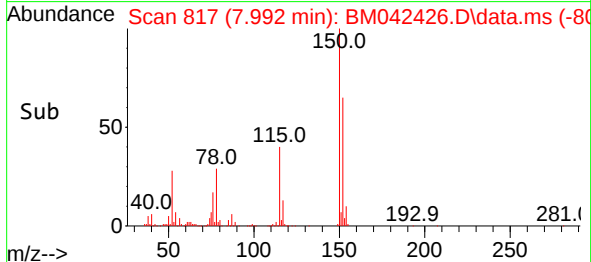
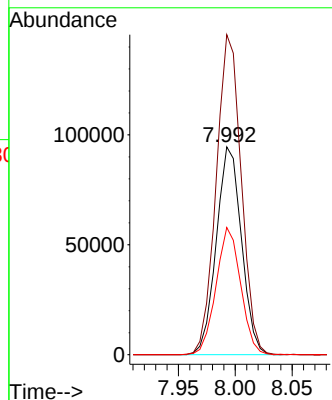
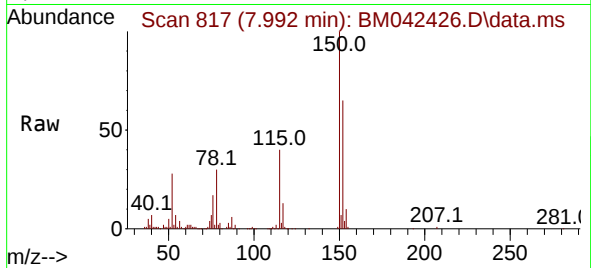




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042426.D
Acq: 24 Oct 2023 19:06

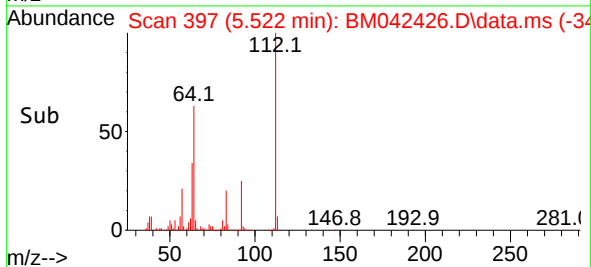
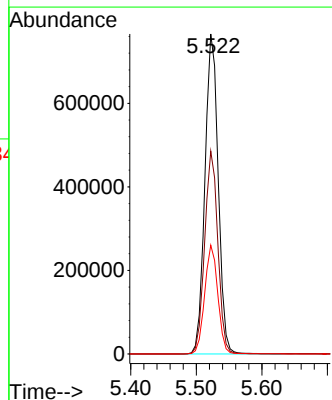
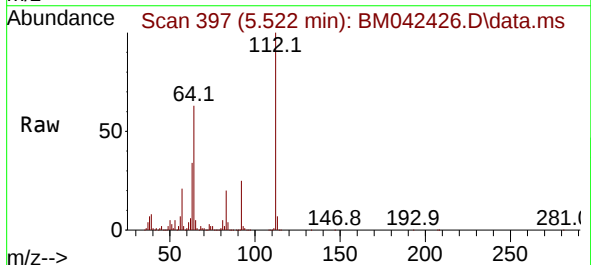
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-02

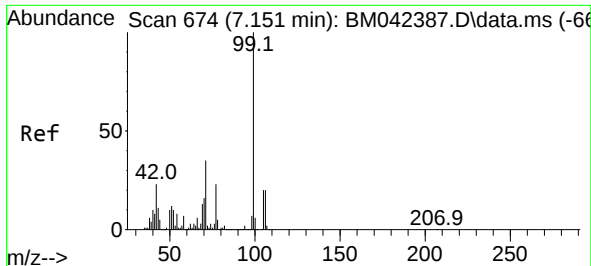
Tgt Ion:152 Resp: 145607
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.4
115 61.2 51.9 77.9



#5
2-Fluorophenol
Concen: 105.068 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042426.D
Acq: 24 Oct 2023 19:06

Tgt Ion:112 Resp: 1082468
Ion Ratio Lower Upper
112 100
64 63.4 52.7 79.1
63 34.0 28.3 42.5

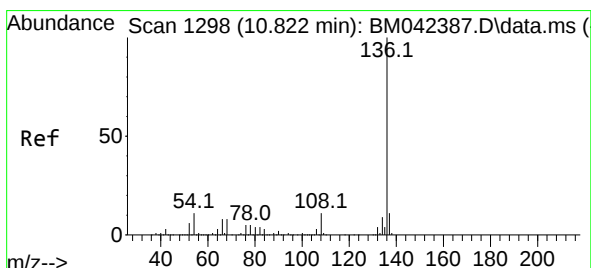
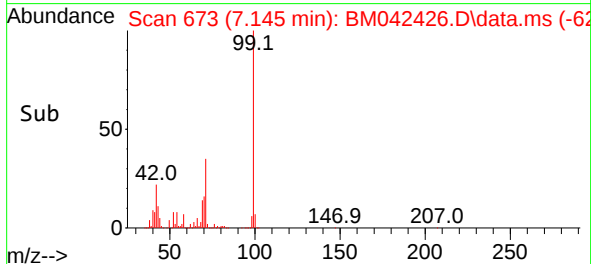
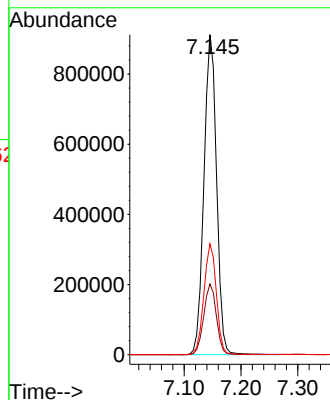
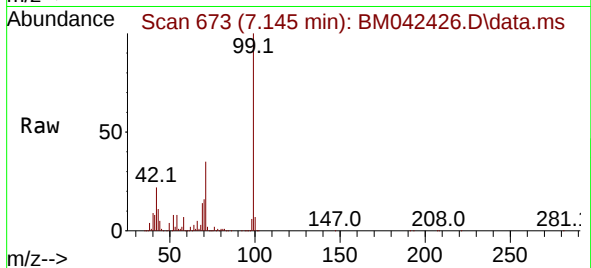




#7
Phenol-d6
Concen: 101.721 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042426.D
Acq: 24 Oct 2023 19:06

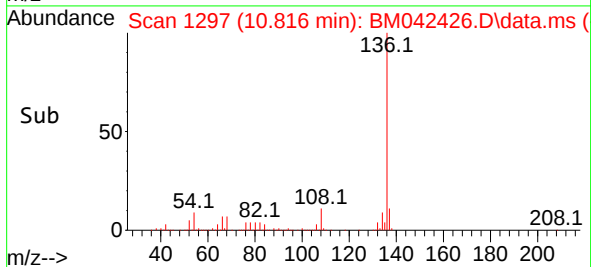
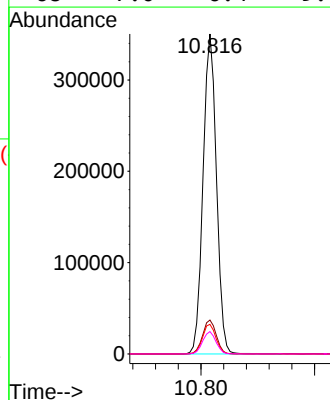
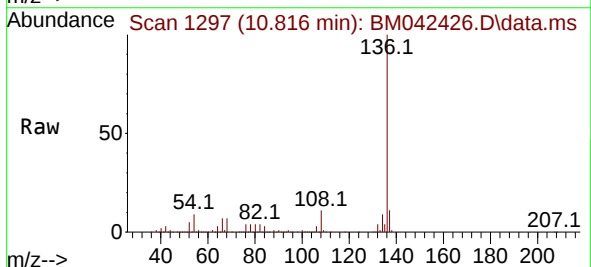
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-02

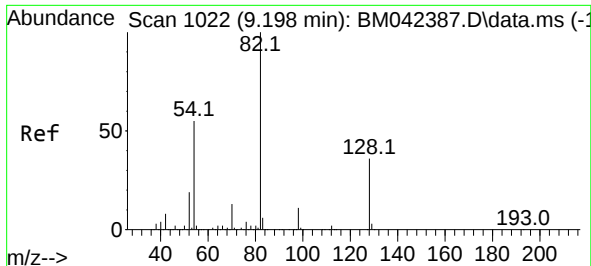
Tgt Ion: 99 Resp: 1404430
Ion Ratio Lower Upper
99 100
42 22.1 18.5 27.7
71 34.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042426.D
Acq: 24 Oct 2023 19:06

Tgt Ion: 136 Resp: 571957
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 9.3 8.6 12.8
68 7.0 6.4 9.6

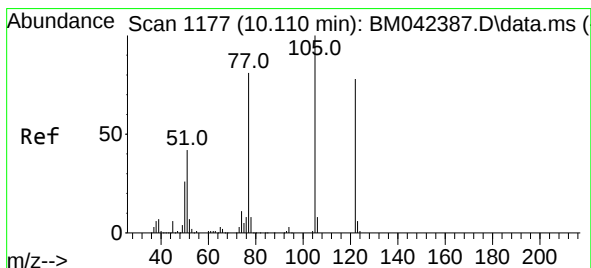
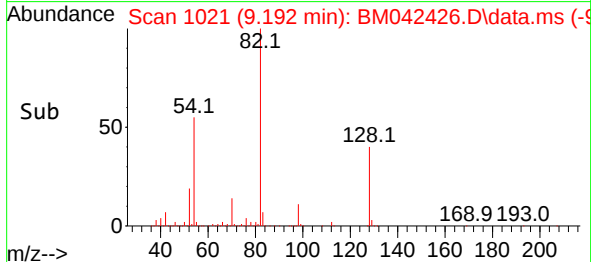
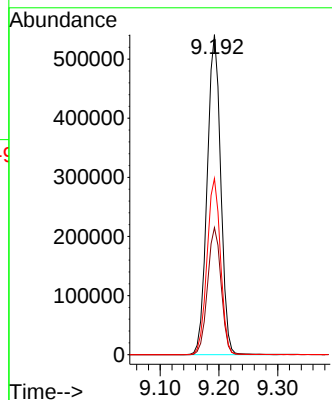
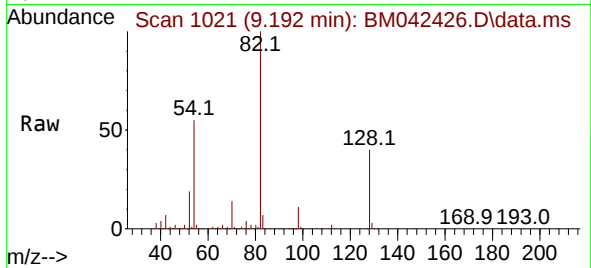




#23
Nitrobenzene-d5
Concen: 67.192 ng
RT: 9.192 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BM042426.D
Acq: 24 Oct 2023 19:06

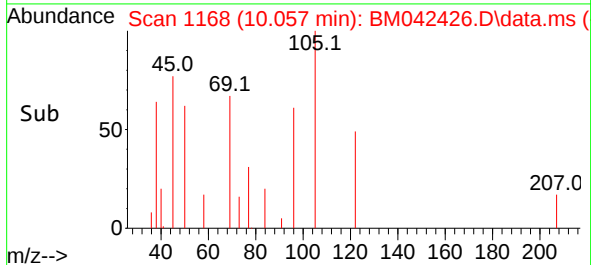
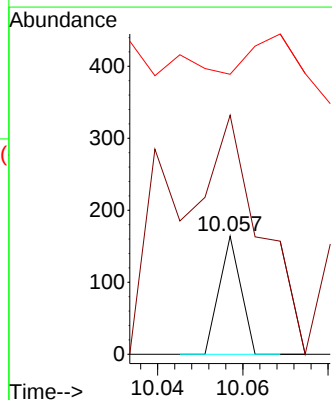
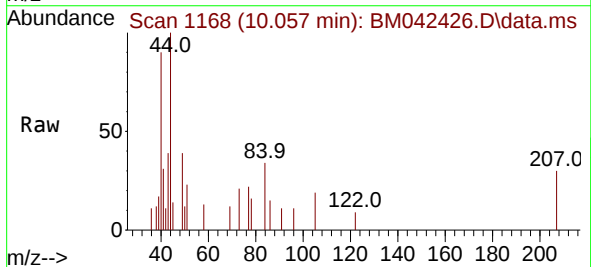
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-02

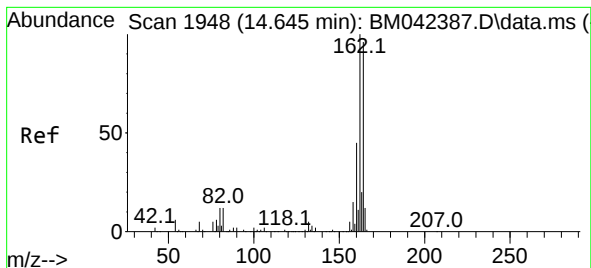
Tgt Ion: 82 Resp: 869094
Ion Ratio Lower Upper
82 100
128 39.7 29.0 43.6
54 55.0 43.7 65.5



#32
Benzoic acid
Concen: 5.331 ng
RT: 10.057 min Scan# 1168
Delta R.T. -0.053 min
Lab File: BM042426.D
Acq: 24 Oct 2023 19:06

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 202.4 104.9 144.9#
77 237.2 83.4 123.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-02

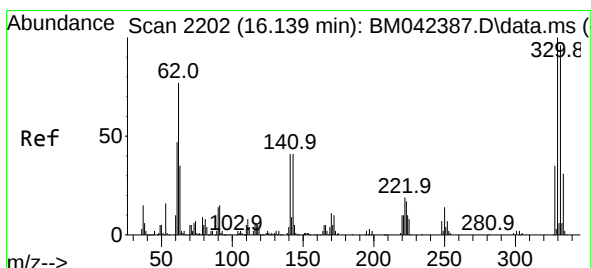
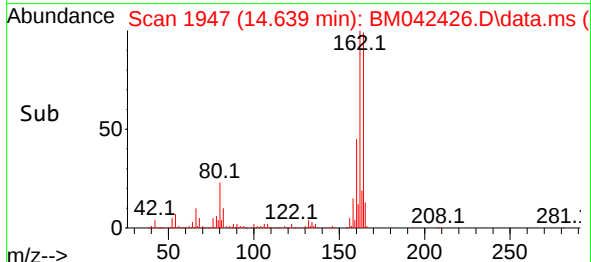
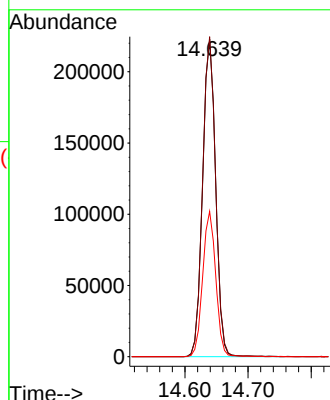
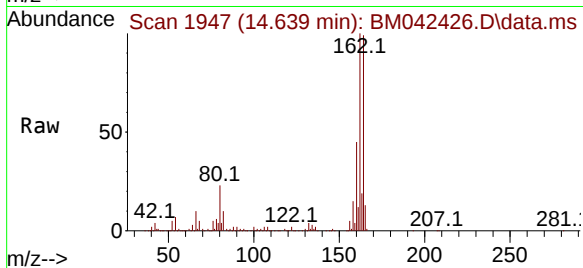
Tgt Ion:164 Resp: 319553

Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.4

160 45.7 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 117.950 ng

RT: 16.133 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

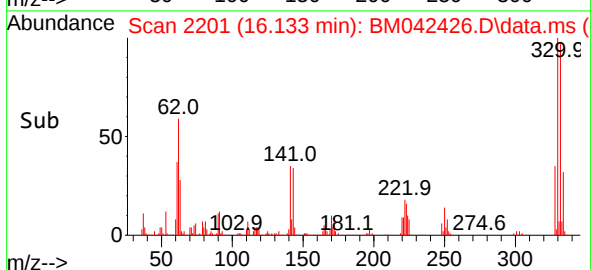
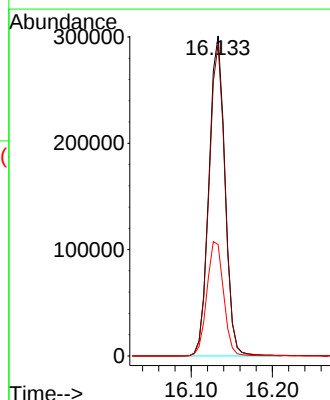
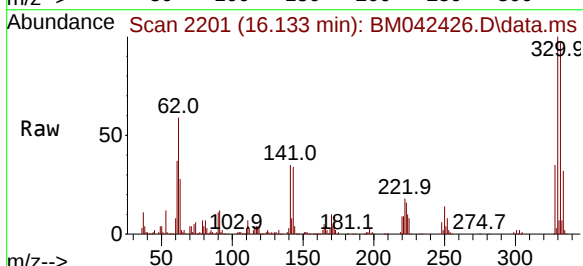
Tgt Ion:330 Resp: 412996

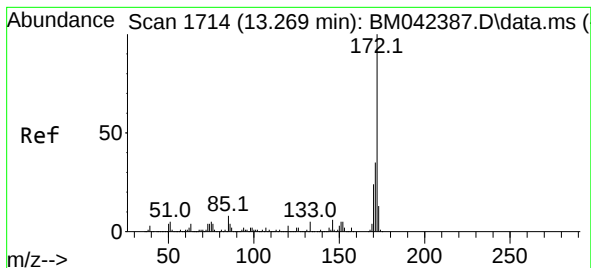
Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

141 37.2 38.0 57.0#





#45

2-Fluorobiphenyl

Concen: 64.568 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-02

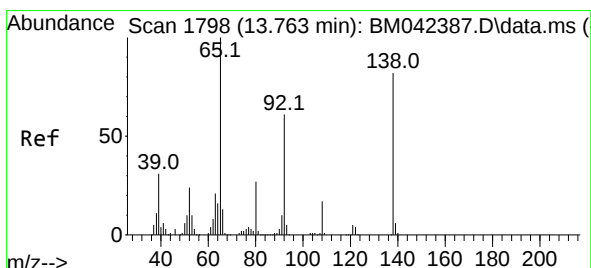
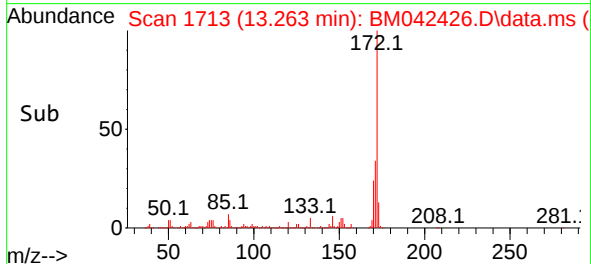
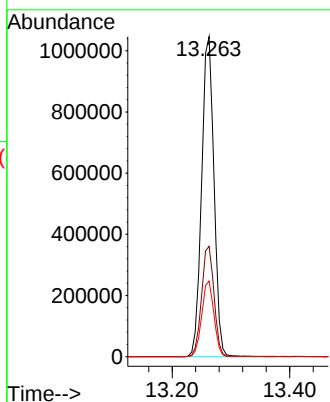
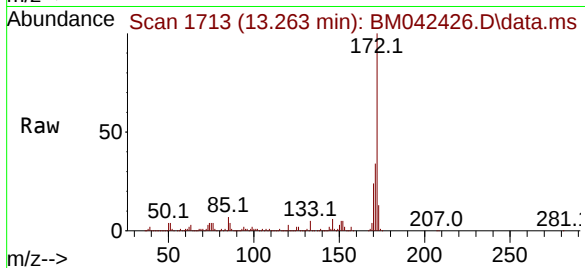
Tgt Ion:172 Resp: 1532210

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.7 18.9 28.3



#48

2-Nitroaniline

Concen: 3.704 ng

RT: 13.480 min Scan# 1750

Delta R.T. -0.283 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

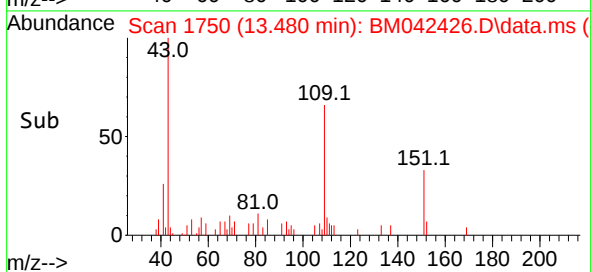
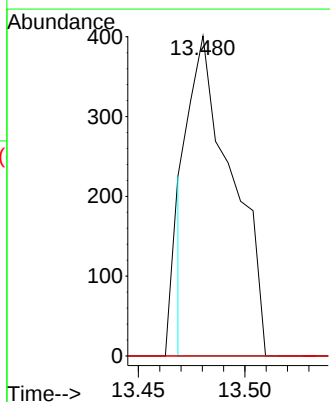
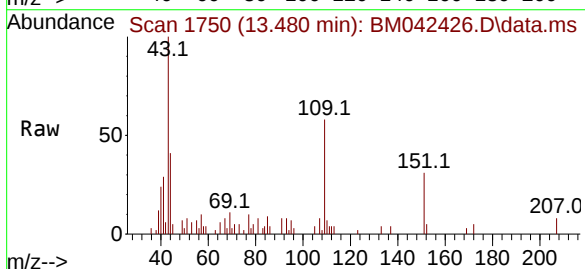
Tgt Ion: 65 Resp: 567

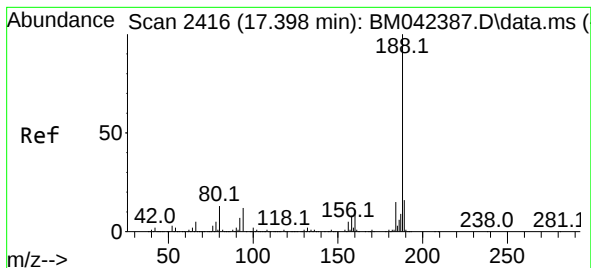
Ion Ratio Lower Upper

65 100

92 0.0 49.0 73.6#

138 0.0 65.5 98.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-02

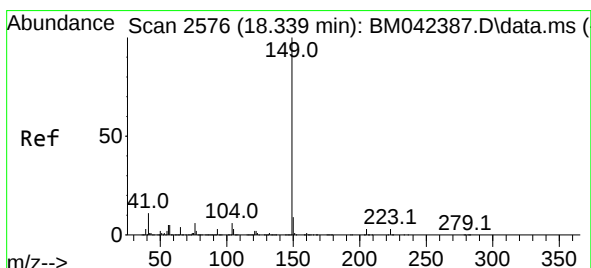
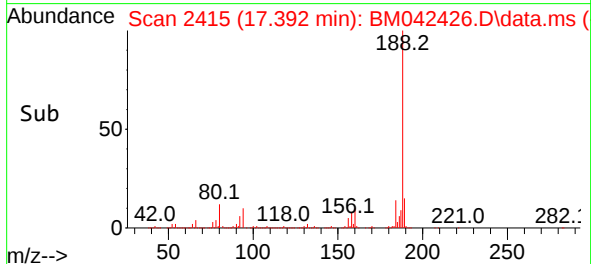
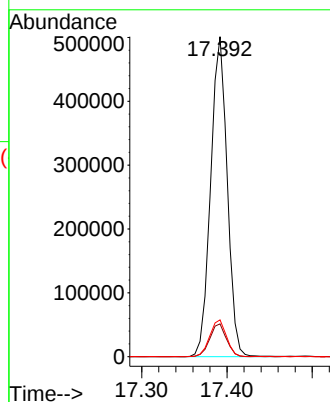
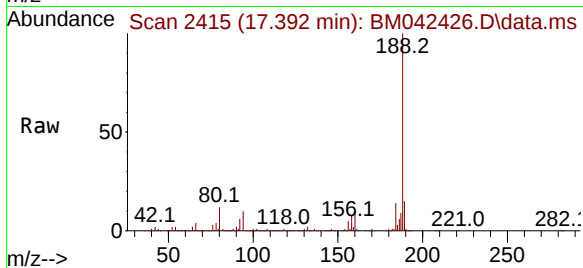
Tgt Ion:188 Resp: 676550

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.5 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.872 ng

RT: 18.327 min Scan# 2574

Delta R.T. -0.012 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

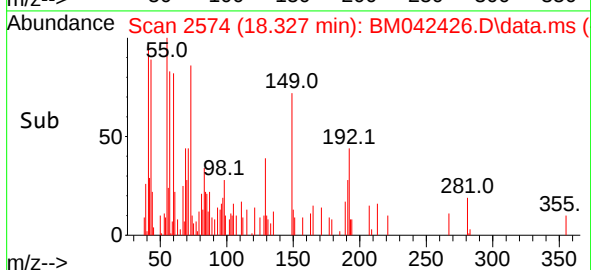
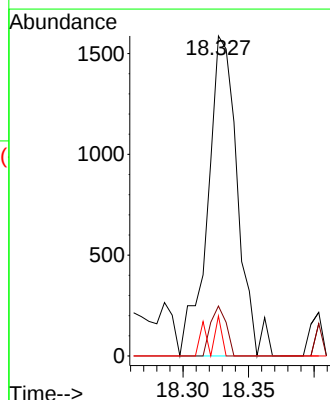
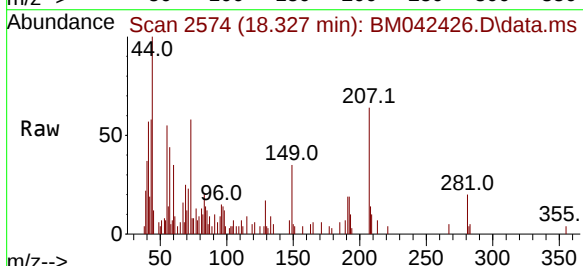
Tgt Ion:149 Resp: 2510

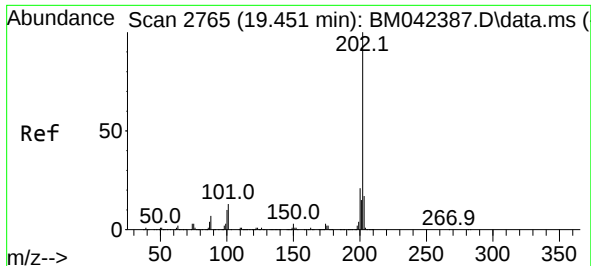
Ion Ratio Lower Upper

149 100

150 15.6 7.4 11.0#

104 12.5 4.6 7.0#

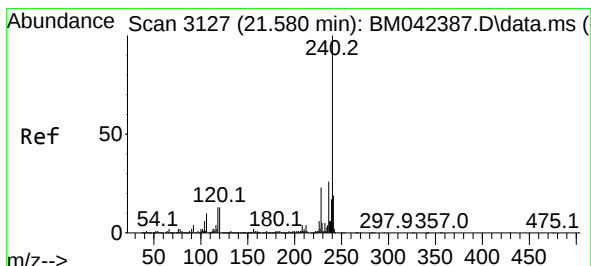
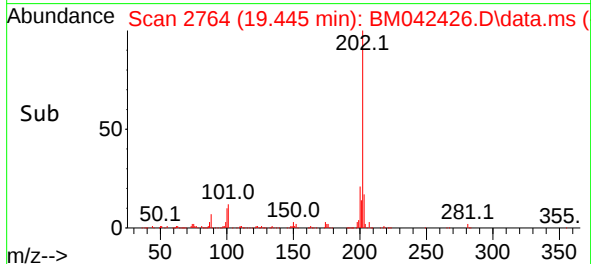
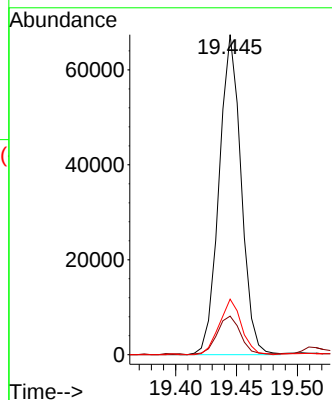
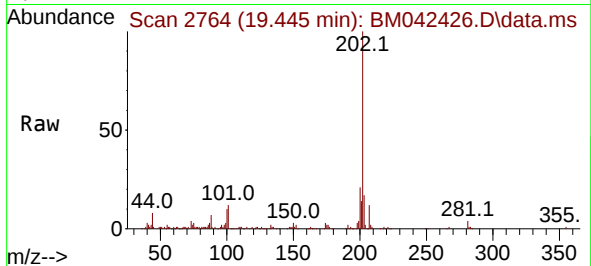




#75
Fluoranthene
Concen: 2.096 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042426.D
Acq: 24 Oct 2023 19:06

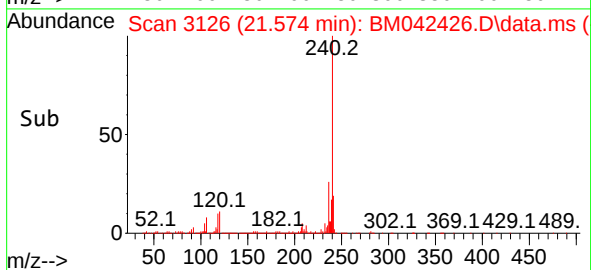
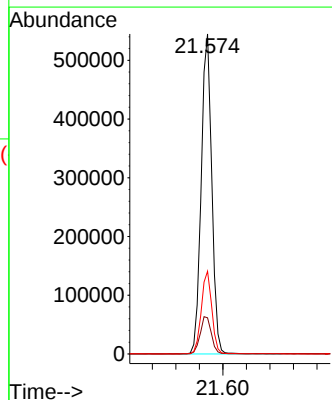
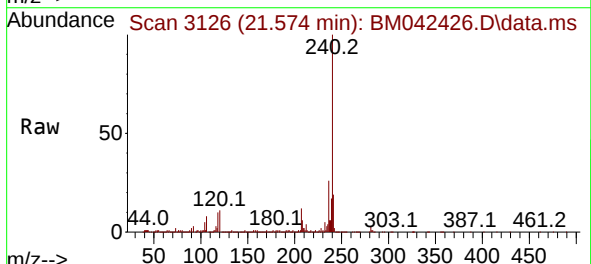
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-02

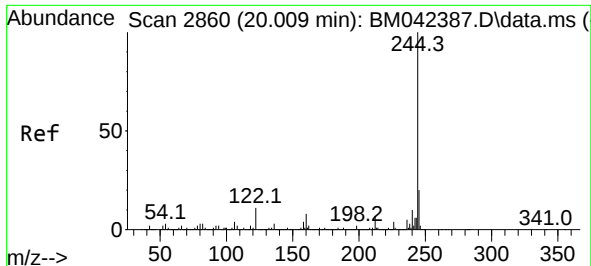
Tgt Ion:202 Resp: 84972
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042426.D
Acq: 24 Oct 2023 19:06

Tgt Ion:240 Resp: 677417
Ion Ratio Lower Upper
240 100
120 11.3 10.7 16.1
236 25.8 20.7 31.1

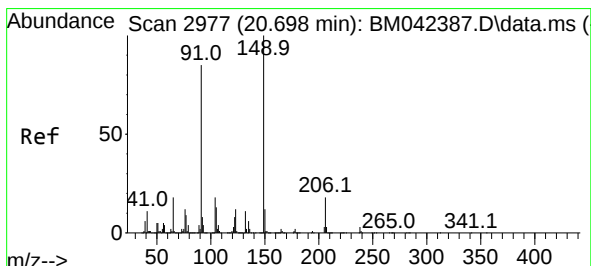
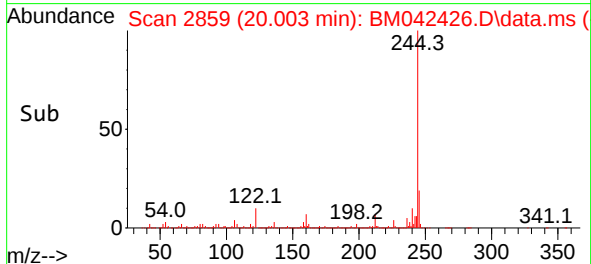
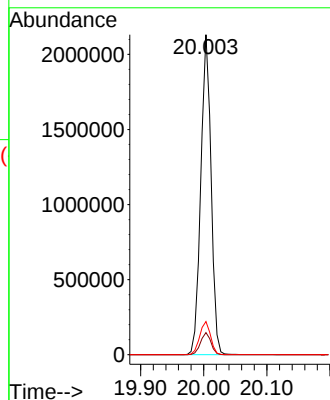
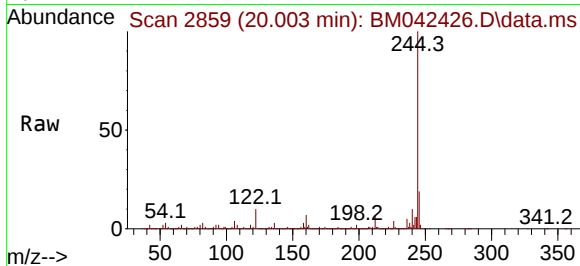




#79
 Terphenyl-d14
 Concen: 62.924 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042426.D
 Acq: 24 Oct 2023 19:06

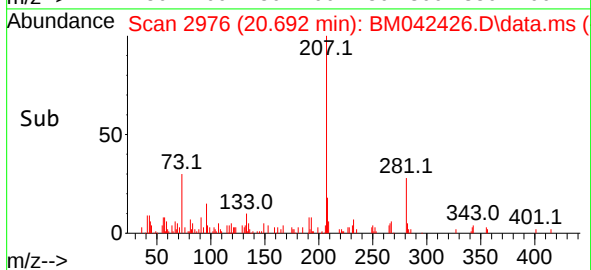
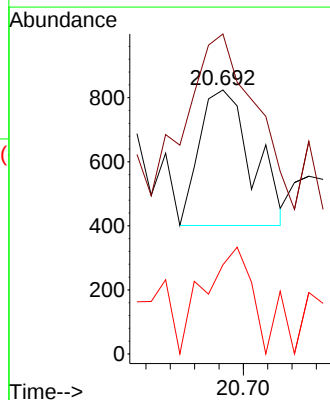
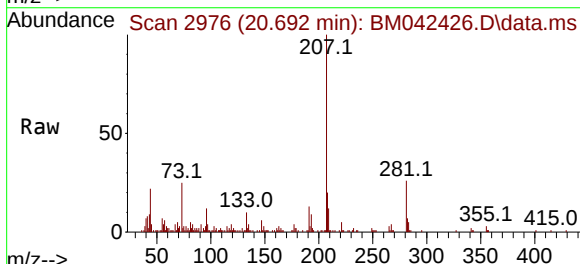
Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-02

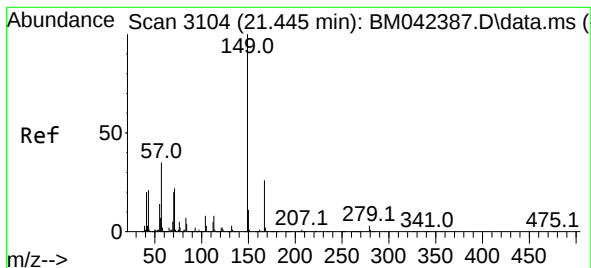
Tgt Ion:244 Resp: 2403479
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.4 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.286 ng
 RT: 20.692 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM042426.D
 Acq: 24 Oct 2023 19:06

Tgt Ion:149 Resp: 632
 Ion Ratio Lower Upper
 149 100
 91 121.2 68.3 102.5#
 206 33.7 14.6 22.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.552 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-02

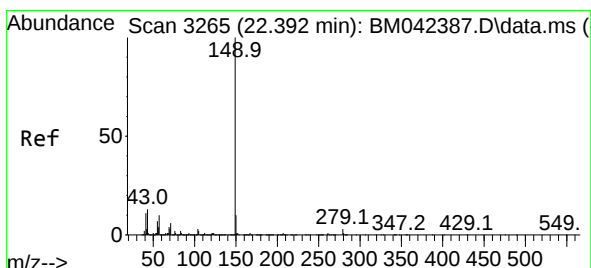
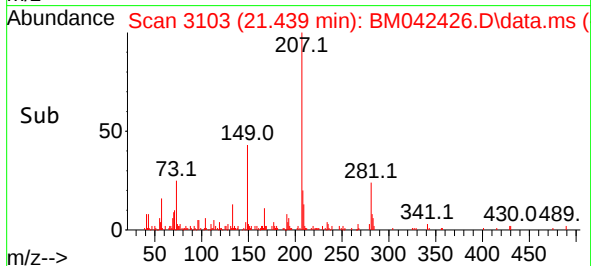
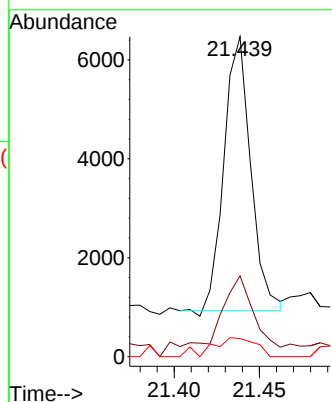
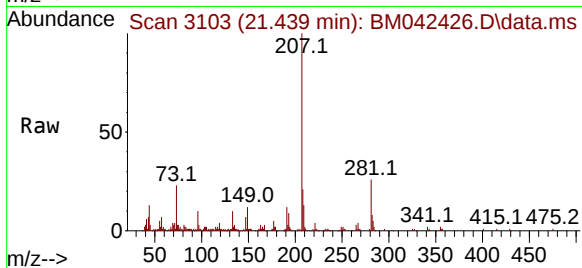
Tgt Ion:149 Resp: 6022

Ion Ratio Lower Upper

149 100

167 25.2 20.9 31.3

279 5.6 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 4.228 ng

RT: 22.386 min Scan# 3264

Delta R.T. -0.006 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

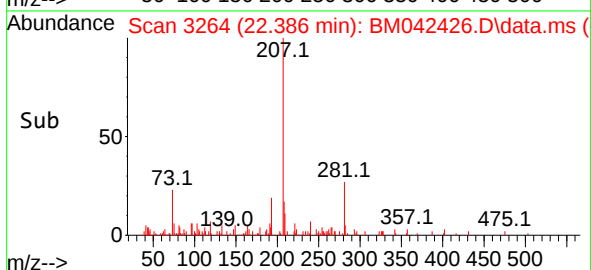
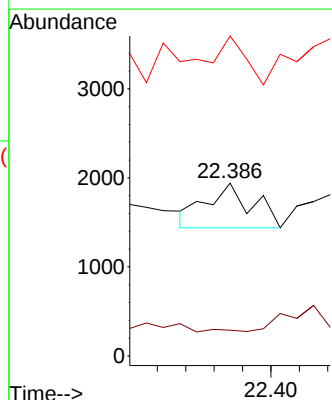
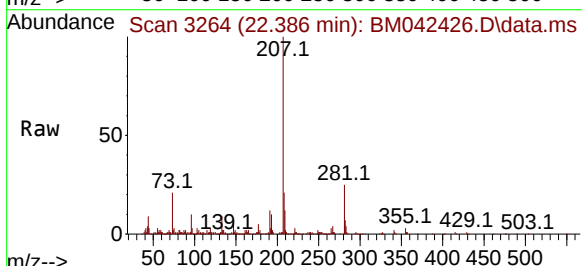
Tgt Ion:149 Resp: 556

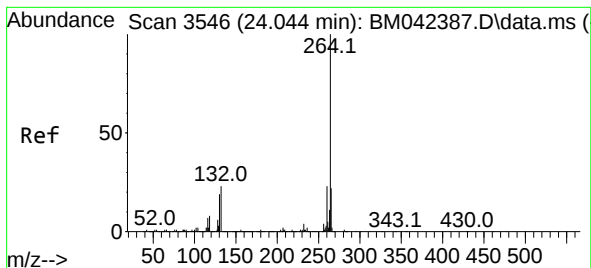
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.038 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042426.D

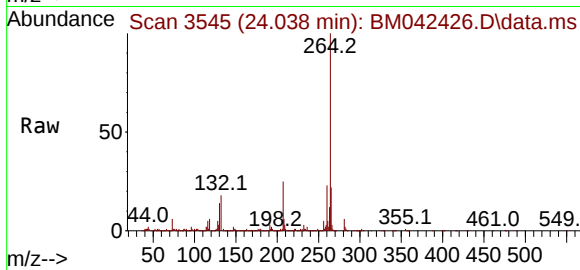
Acq: 24 Oct 2023 19:06

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-02



Tgt Ion:264 Resp: 768348

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.5 17.8 26.8

