

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042425.D
 Acq On : 24 Oct 2023 18:30
 Operator : MA/JU
 Sample : 04977-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-01

Quant Time: Oct 24 19:38:23 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)

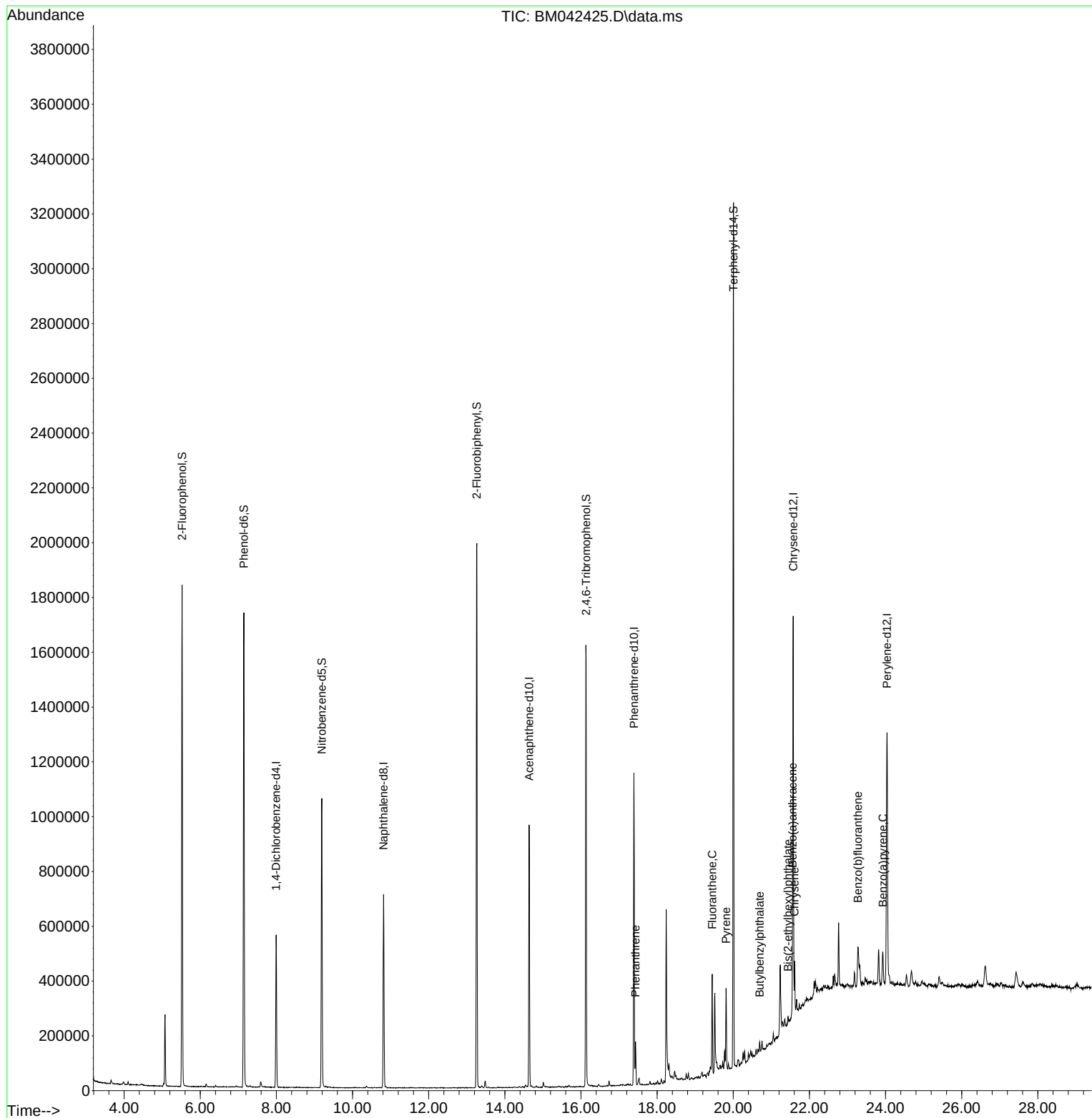
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	137071	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	546235	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	298150	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	638827	20.000	ng	0.00
76) Chrysene-d12	21.574	240	618791	20.000	ng	0.00
86) Perylene-d12	24.039	264	706165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	702446	72.428	ng	0.00
7) Phenol-d6	7.146	99	912414	70.201	ng	0.00
23) Nitrobenzene-d5	9.193	82	577956	46.787	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	260417	82.710	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	988334	44.639	ng	0.00
79) Terphenyl-d14	20.004	244	1389164	39.814	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.433	178	87664	2.523	ng	99
75) Fluoranthene	19.445	202	194467	5.081	ng	99
78) Pyrene	19.810	202	167069	3.864	ng	98
80) Butylbenzylphthalate	20.692	149	10849	3.774	ng	85
81) Benzo(a)anthracene	21.557	228	92941	2.240	ng	99
83) Chrysene	21.610	228	103027	2.586	ng	97
84) Bis(2-ethylhexyl)phtha...	21.439	149	8447	3.650	ng	# 92
88) Benzo(b)fluoranthene	23.274	252	133877	3.150	ng	99
90) Benzo(a)pyrene	23.927	252	87725	2.144	ng	98

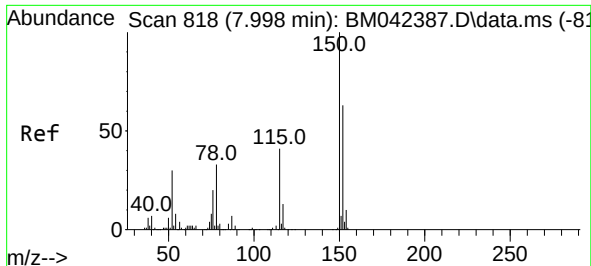
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
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Quant Time: Oct 24 19:38:23 2023
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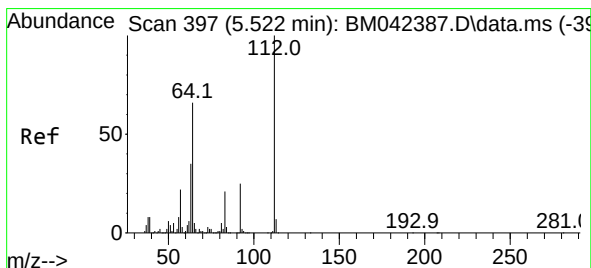
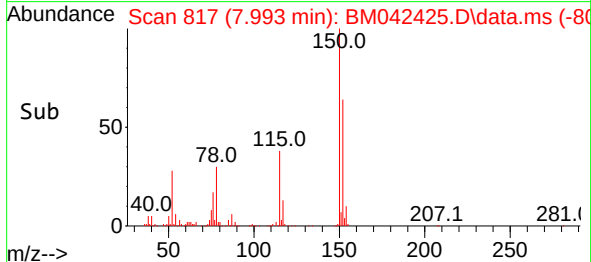
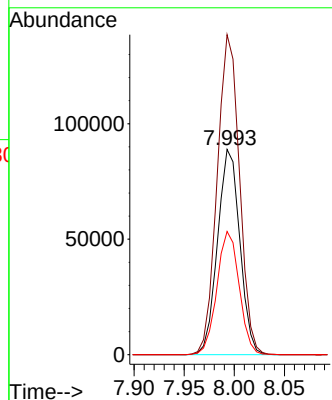
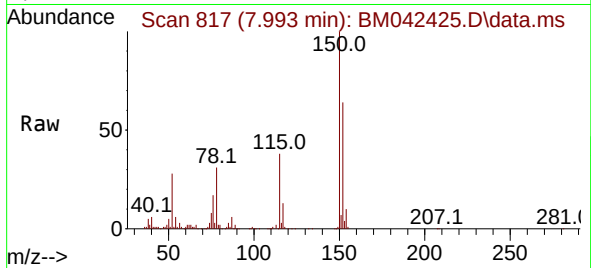




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.993 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BM042425.D
 Acq: 24 Oct 2023 18:30

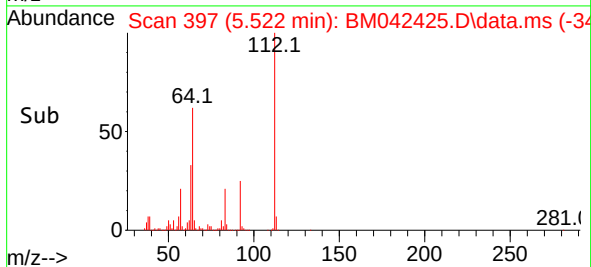
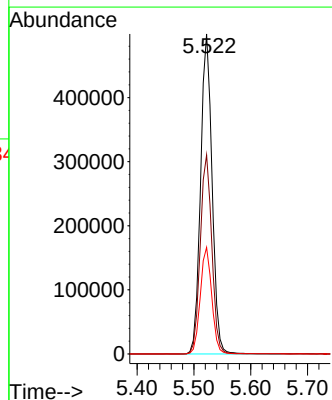
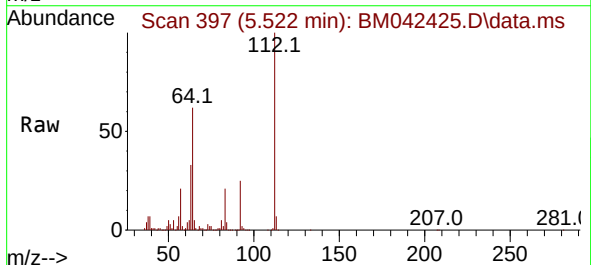
Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-01

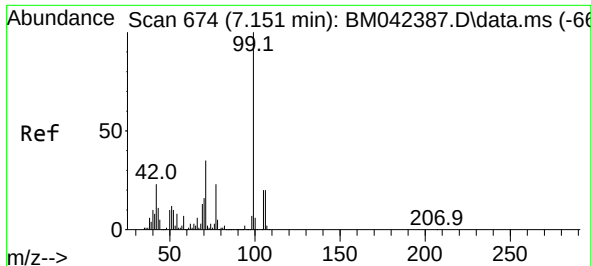
Tgt Ion:152 Resp: 137071
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.4
 115 60.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 72.428 ng
 RT: 5.522 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: BM042425.D
 Acq: 24 Oct 2023 18:30

Tgt Ion:112 Resp: 702446
 Ion Ratio Lower Upper
 112 100
 64 62.2 52.7 79.1
 63 33.3 28.3 42.5

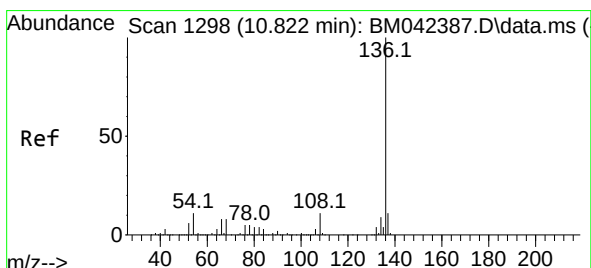
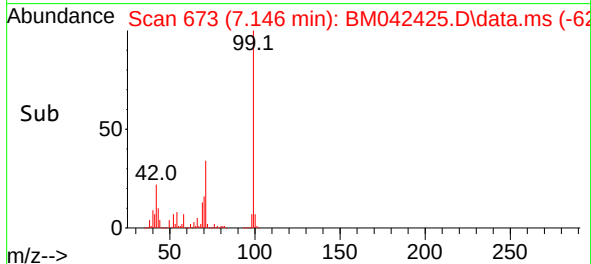
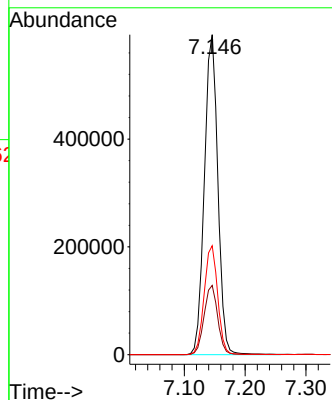
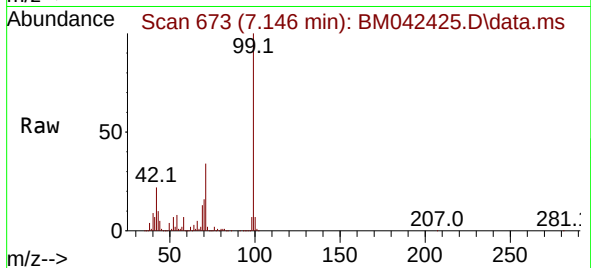




#7
Phenol-d6
Concen: 70.201 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

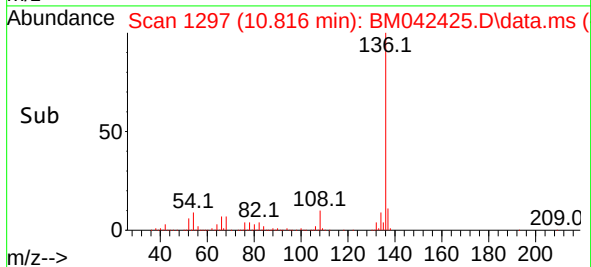
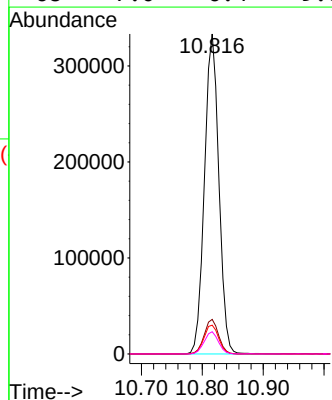
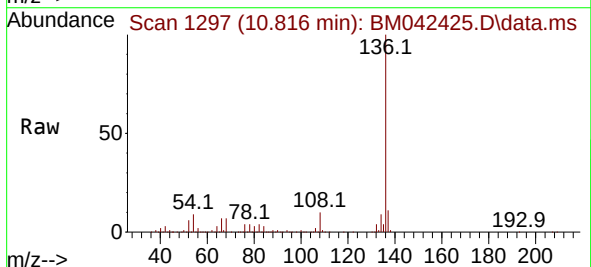
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

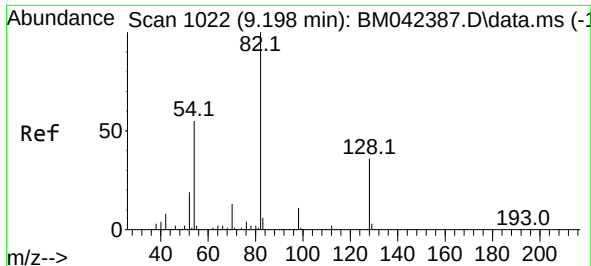
Tgt Ion: 99 Resp: 912414
Ion Ratio Lower Upper
99 100
42 21.7 18.5 27.7
71 34.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

Tgt Ion: 136 Resp: 546235
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.0 8.6 12.8
68 7.0 6.4 9.6

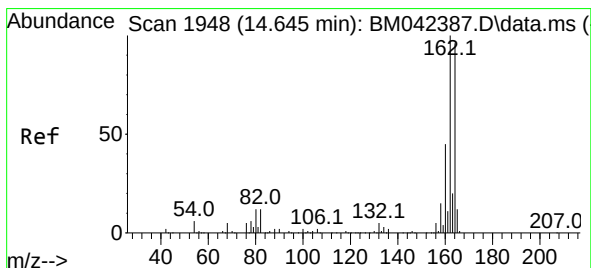
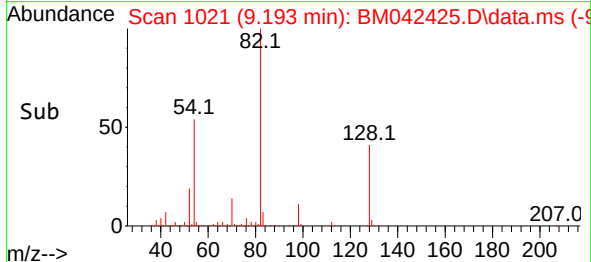
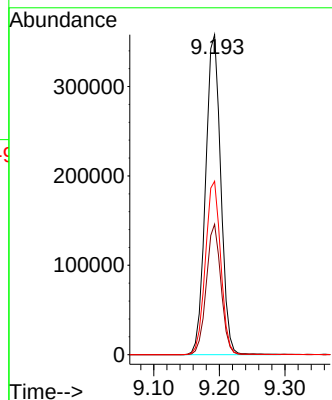
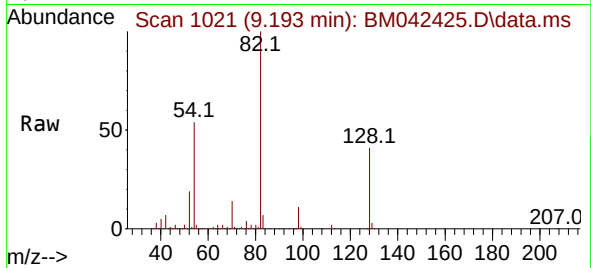




#23
Nitrobenzene-d5
Concen: 46.787 ng
RT: 9.193 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

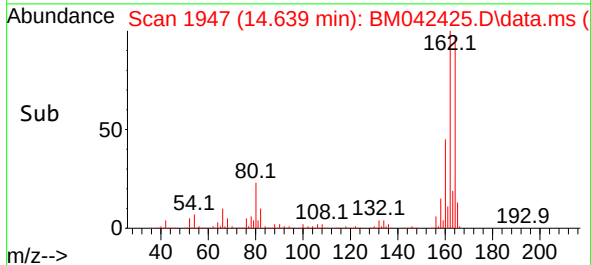
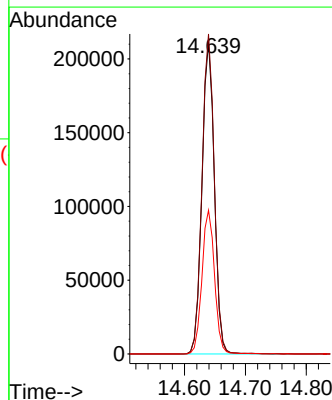
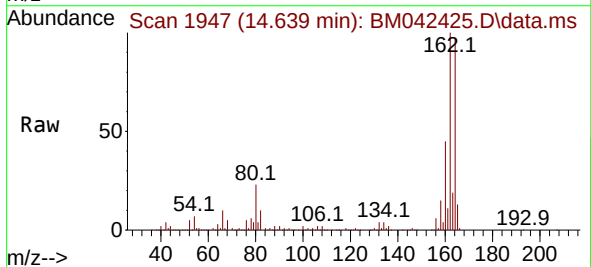
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

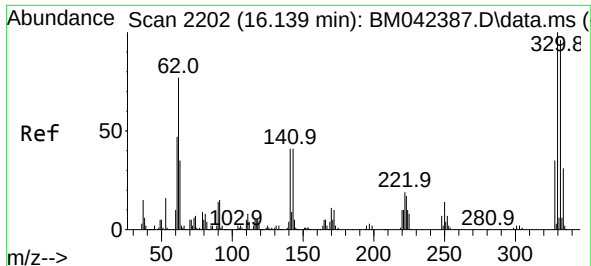
Tgt Ion: 82 Resp: 577956
Ion Ratio Lower Upper
82 100
128 40.8 29.0 43.6
54 54.2 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

Tgt Ion: 164 Resp: 298150
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 82.710 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042425.D

Acq: 24 Oct 2023 18:30

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-01

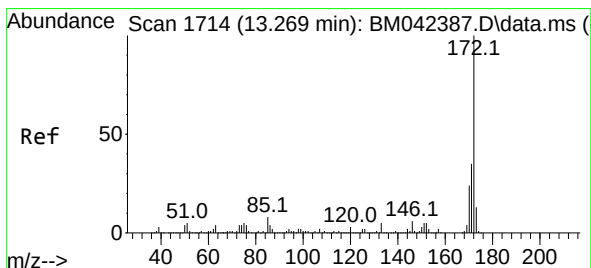
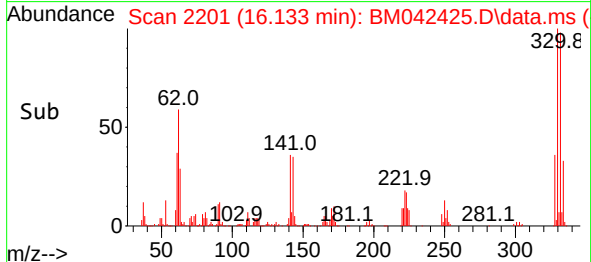
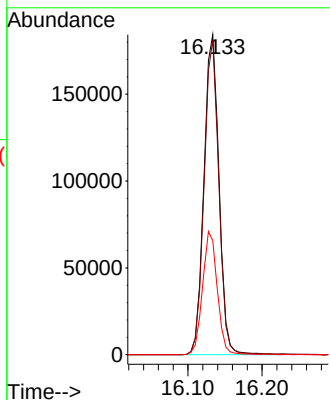
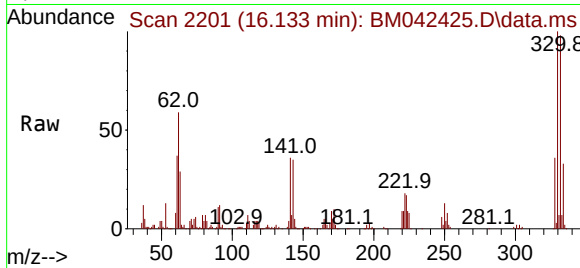
Tgt Ion:330 Resp: 260417

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 37.7 38.0 57.0#



#45

2-Fluorobiphenyl

Concen: 44.639 ng

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM042425.D

Acq: 24 Oct 2023 18:30

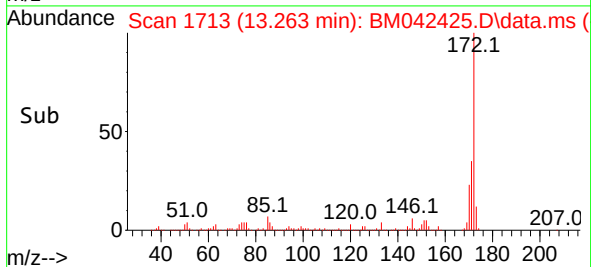
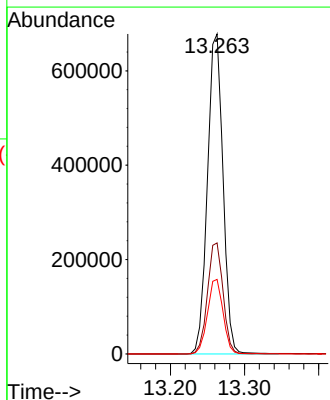
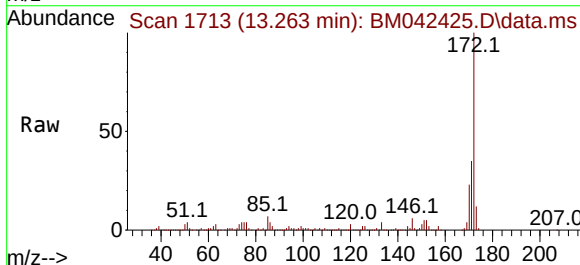
Tgt Ion:172 Resp: 988334

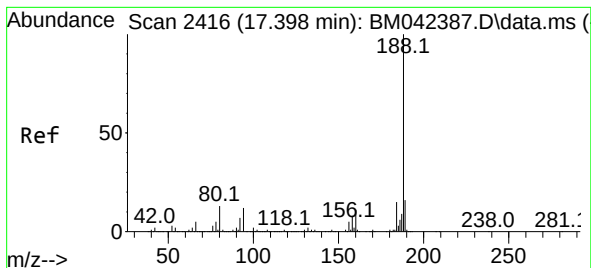
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.3 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: BM042425.D

Acq: 24 Oct 2023 18:30

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-01

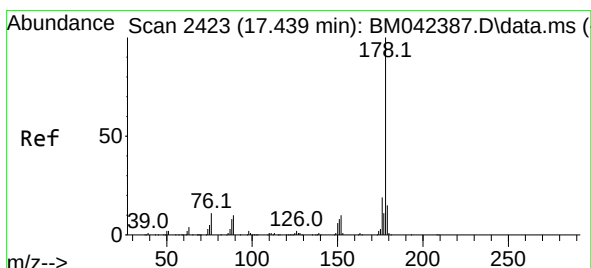
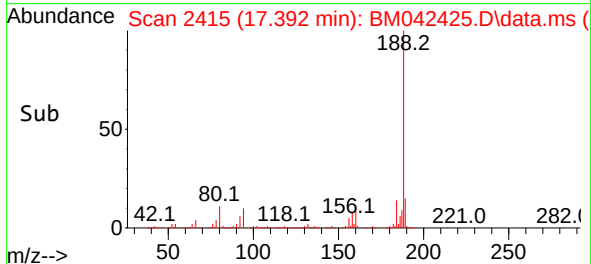
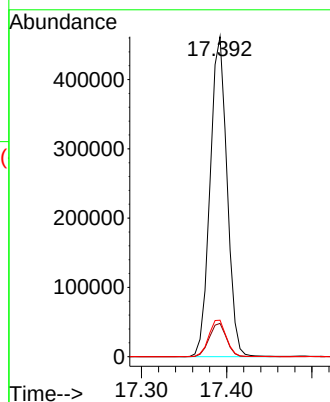
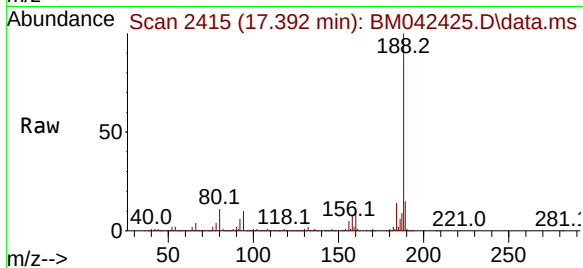
Tgt Ion:188 Resp: 638827

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.0

80 11.4 10.7 16.1



#71

Phenanthrene

Concen: 2.523 ng

RT: 17.433 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BM042425.D

Acq: 24 Oct 2023 18:30

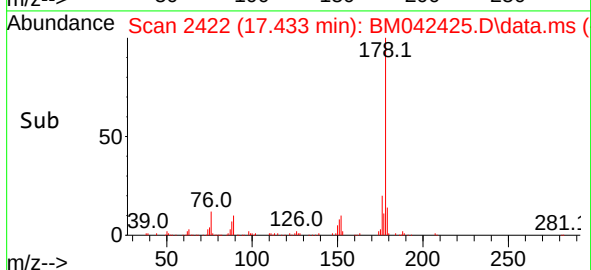
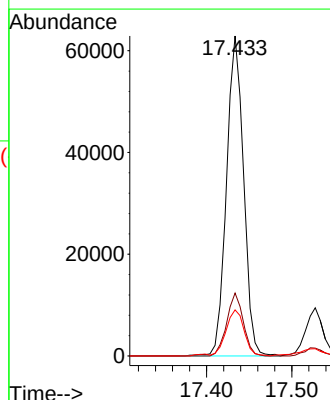
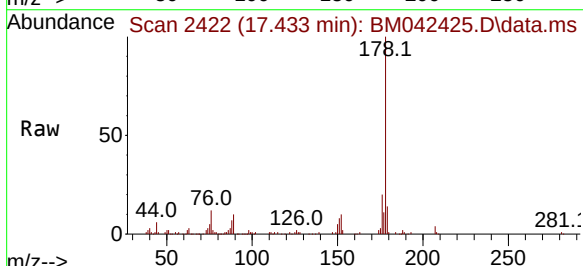
Tgt Ion:178 Resp: 87664

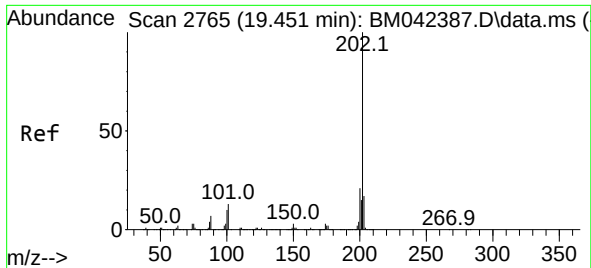
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 14.4 12.3 18.5

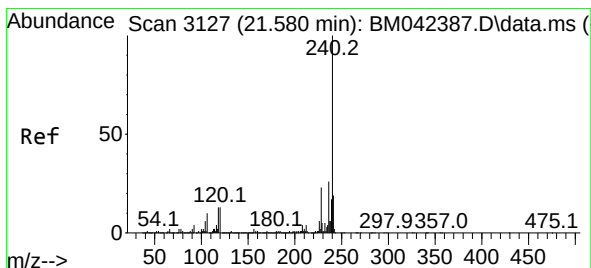
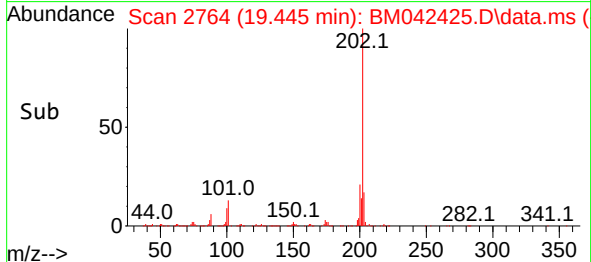
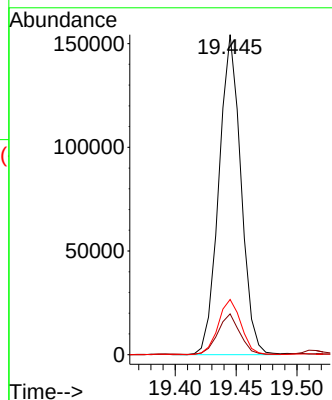
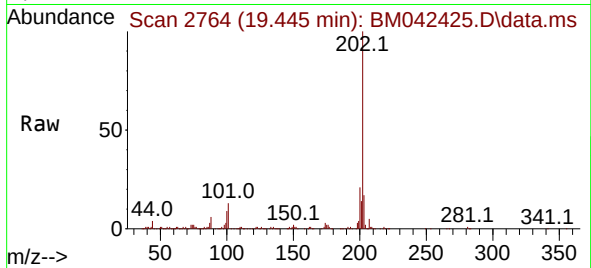




#75
Fluoranthene
Concen: 5.081 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

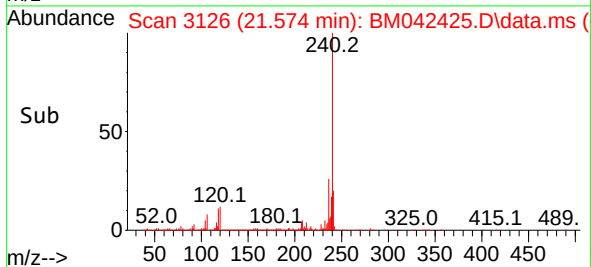
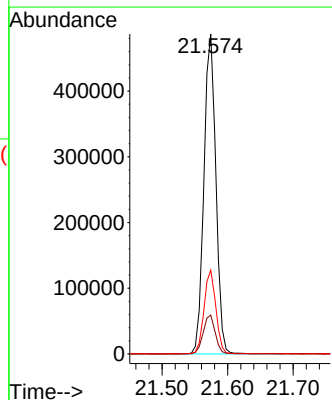
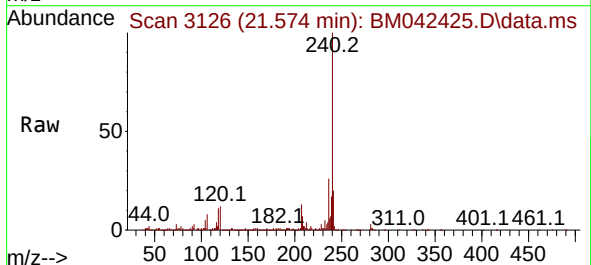
Instrument :
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NB-406-COMP-01

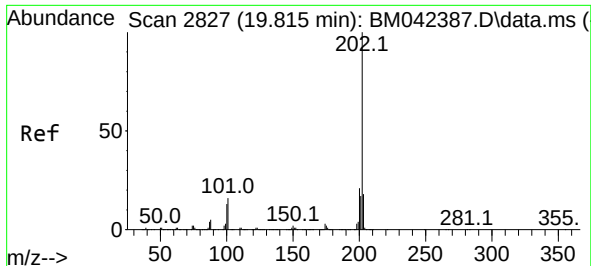
Tgt Ion:202 Resp: 194467
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.3
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

Tgt Ion:240 Resp: 618791
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.2 20.7 31.1

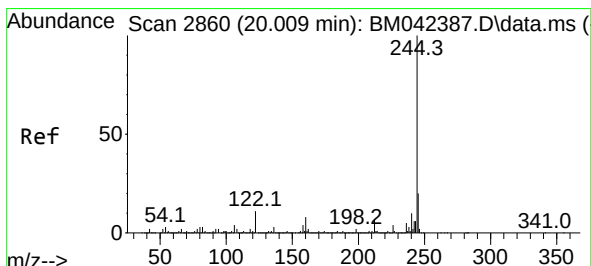
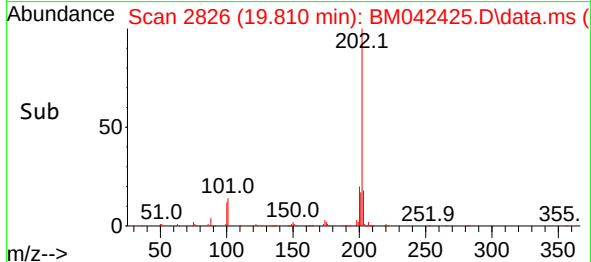
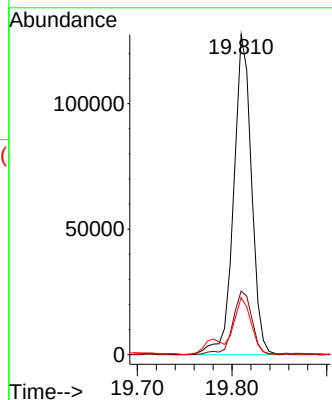
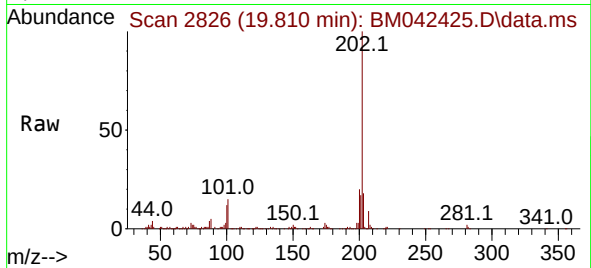




#78
 Pyrene
 Concen: 3.864 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042425.D
 Acq: 24 Oct 2023 18:30

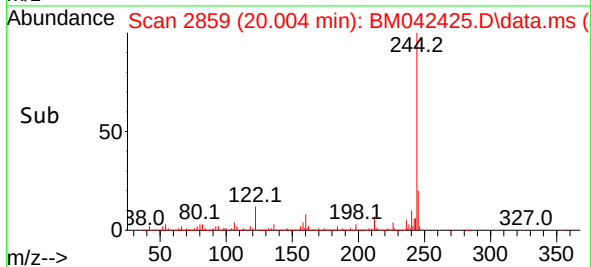
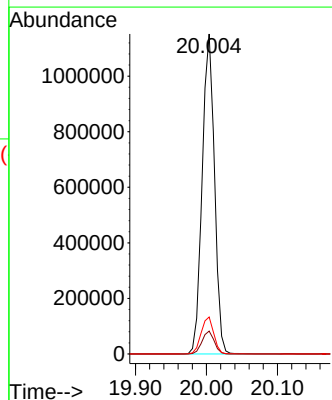
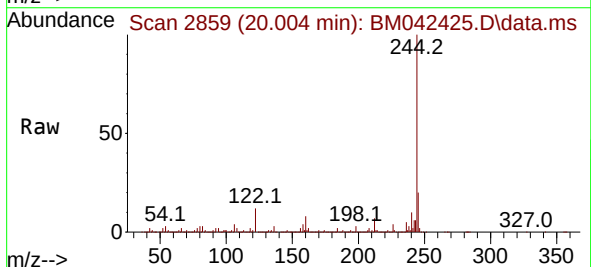
Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-01

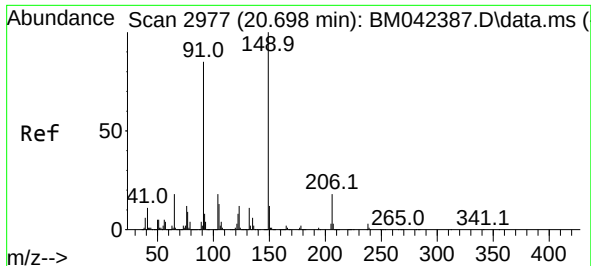
Tgt Ion:202 Resp: 167069
 Ion Ratio Lower Upper
 202 100
 200 19.9 17.1 25.7
 203 17.9 14.1 21.1



#79
 Terphenyl-d14
 Concen: 39.814 ng
 RT: 20.004 min Scan# 2859
 Delta R.T. -0.005 min
 Lab File: BM042425.D
 Acq: 24 Oct 2023 18:30

Tgt Ion:244 Resp: 1389164
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.5 8.8 13.2

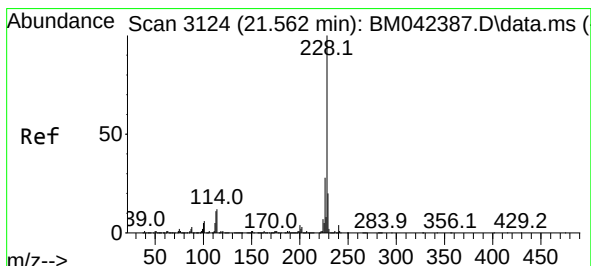
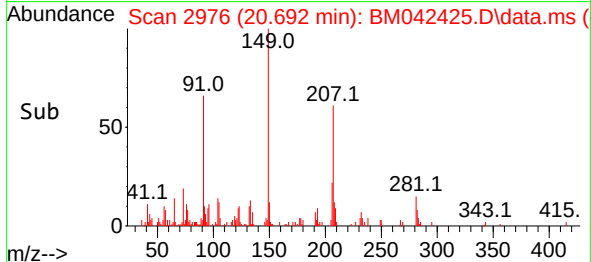
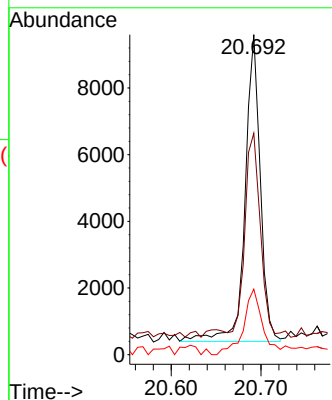
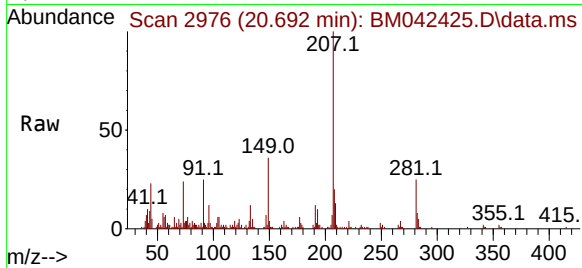




#80
Butylbenzylphthalate
Concen: 3.774 ng
RT: 20.692 min Scan# 2976
Delta R.T. -0.006 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

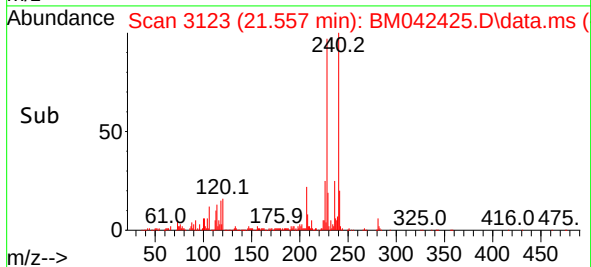
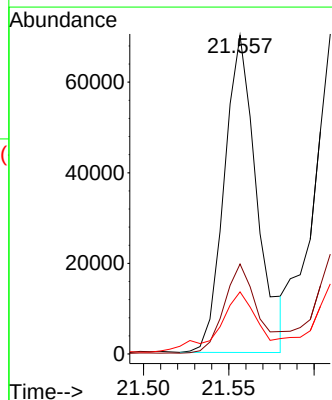
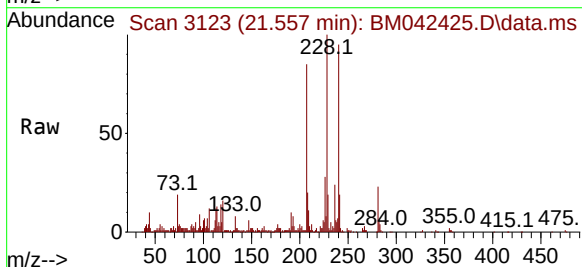
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

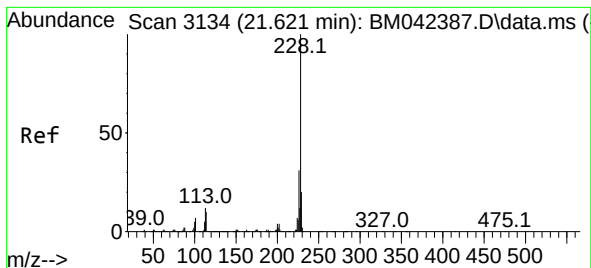
Tgt Ion:149 Resp: 10849
Ion Ratio Lower Upper
149 100
91 69.2 68.3 102.5
206 20.5 14.6 22.0



#81
Benzo(a)anthracene
Concen: 2.240 ng
RT: 21.557 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

Tgt Ion:228 Resp: 92941
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 19.5 15.7 23.5





#83

Chrysene

Concen: 2.586 ng

RT: 21.610 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM042425.D

Acq: 24 Oct 2023 18:30

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-01

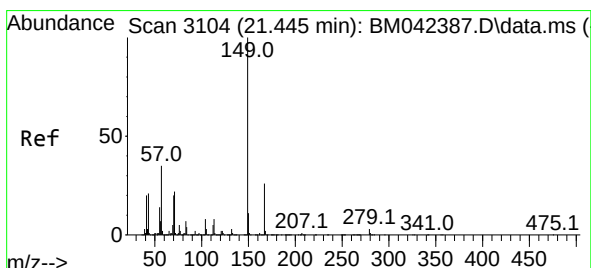
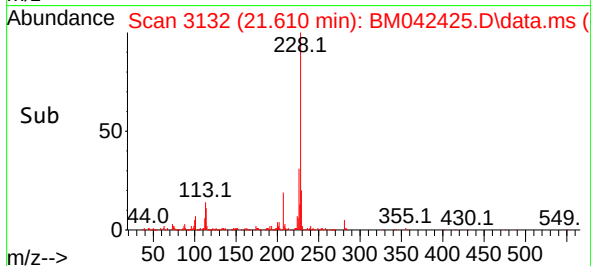
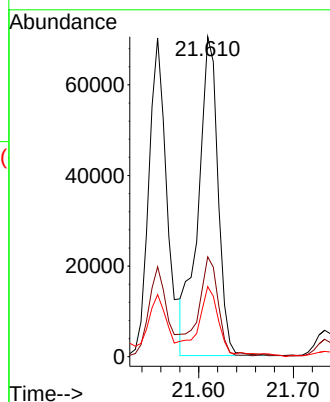
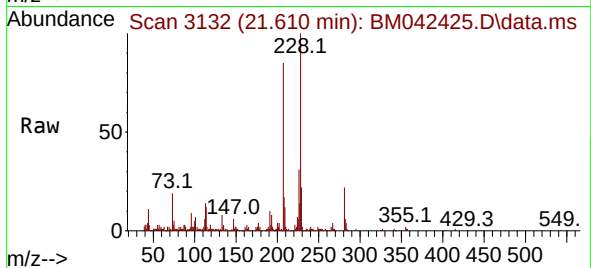
Tgt Ion:228 Resp: 103027

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

229 21.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.650 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042425.D

Acq: 24 Oct 2023 18:30

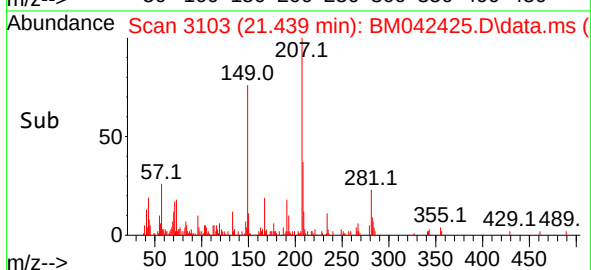
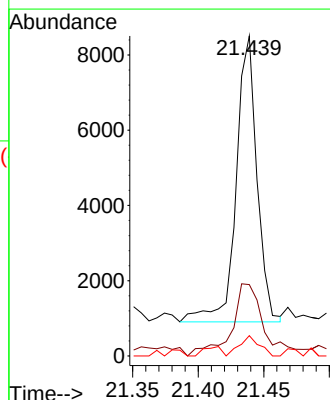
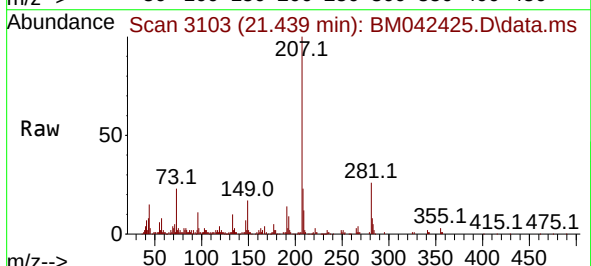
Tgt Ion:149 Resp: 8447

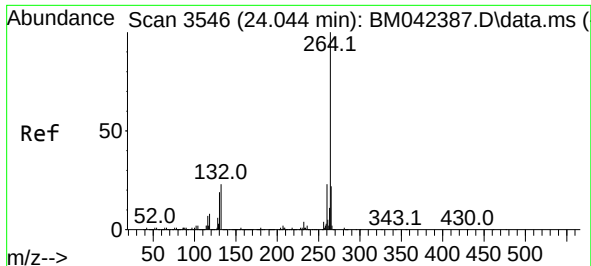
Ion Ratio Lower Upper

149 100

167 22.3 20.9 31.3

279 6.3 2.7 4.1#

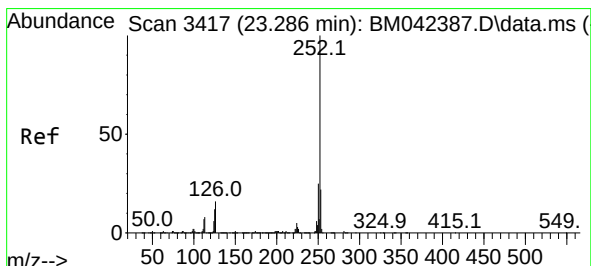
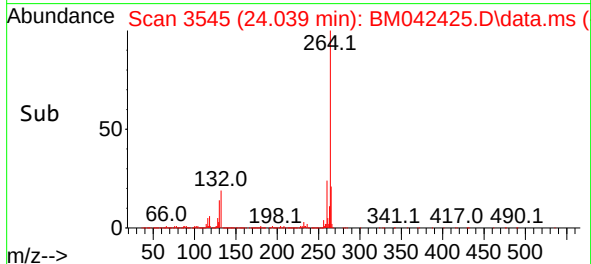
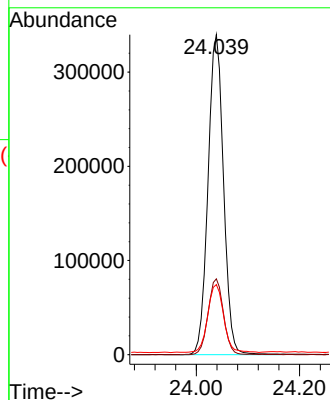
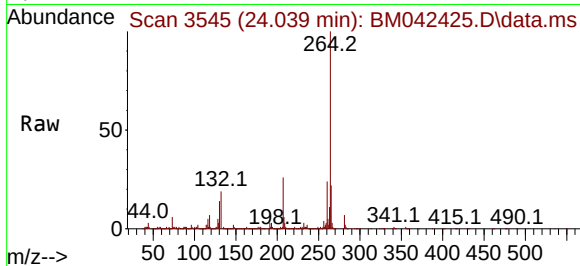




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

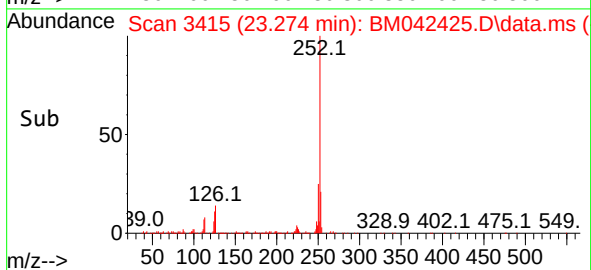
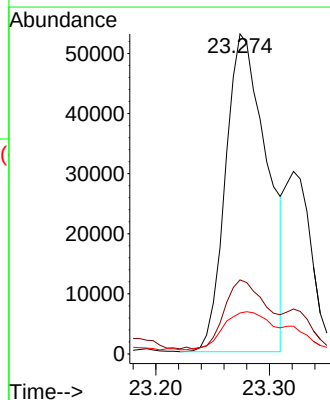
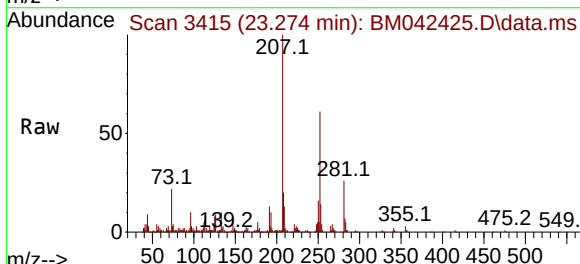
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

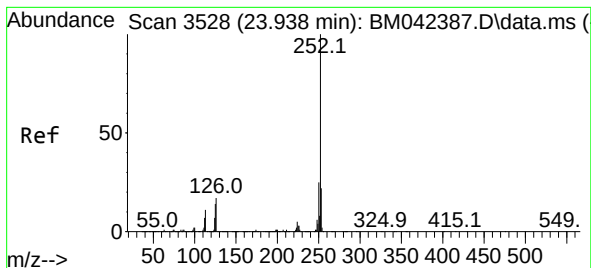
Tgt Ion:	264	Resp:	706165
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.6	27.8
265	21.9	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 3.150 ng
RT: 23.274 min Scan# 3415
Delta R.T. -0.011 min
Lab File: BM042425.D
Acq: 24 Oct 2023 18:30

Tgt Ion:	252	Resp:	133877
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	12.8	9.8	14.8





#90

Benzo(a)pyrene

Concen: 2.144 ng

RT: 23.927 min Scan# 3

Delta R.T. -0.011 min

Lab File: BM042425.D

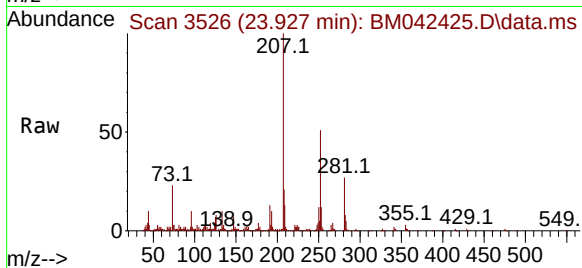
Acq: 24 Oct 2023 18:30

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-01



Tgt Ion:252 Resp: 87725

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

125 12.9 10.9 16.3

